

## 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**

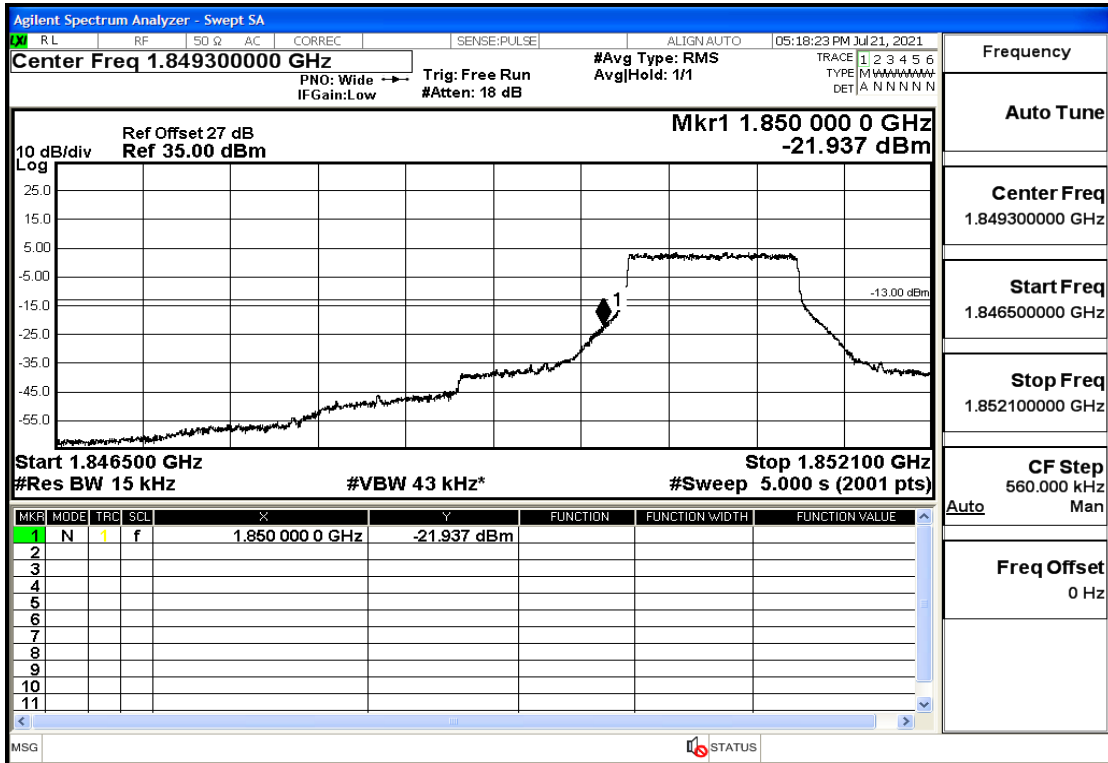
### Environmental Conditions

Temperature:	23.8°C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
Remark:	For LTE Band2

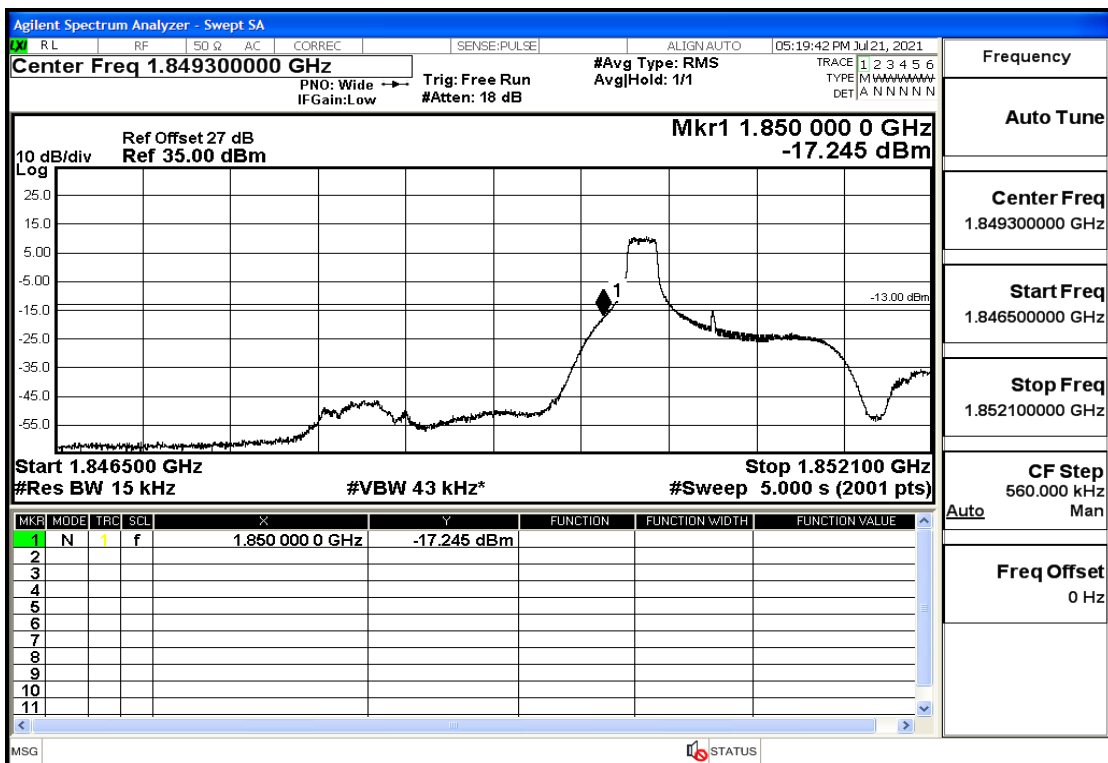
## Band Edge and Emission Mask

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Conclusion
Band2	1.4	1850.7	QPSK	6	LOW	Pass
Band2	1.4	1850.7	QPSK	1	LOW	Pass
Band2	1.4	1850.7	16QAM	6	LOW	Pass
Band2	1.4	1850.7	16QAM	1	LOW	Pass
Band2	1.4	1909.3	QPSK	6	LOW	Pass
Band2	1.4	1909.3	QPSK	1	HIGH	Pass
Band2	1.4	1909.3	16QAM	6	LOW	Pass
Band2	1.4	1909.3	16QAM	1	HIGH	Pass
Band2	3	1851.5	QPSK	15	LOW	Pass
Band2	3	1851.5	QPSK	1	LOW	Pass
Band2	3	1851.5	16QAM	15	LOW	Pass
Band2	3	1851.5	16QAM	1	LOW	Pass
Band2	3	1908.5	QPSK	15	LOW	Pass
Band2	3	1908.5	QPSK	1	HIGH	Pass
Band2	3	1908.5	16QAM	15	LOW	Pass
Band2	3	1908.5	16QAM	1	HIGH	Pass
Band2	5	1852.5	QPSK	25	LOW	Pass
Band2	5	1852.5	QPSK	1	LOW	Pass
Band2	5	1852.5	16QAM	25	LOW	Pass
Band2	5	1852.5	16QAM	1	LOW	Pass
Band2	5	1907.5	QPSK	25	LOW	Pass
Band2	5	1907.5	QPSK	1	HIGH	Pass
Band2	5	1907.5	16QAM	25	LOW	Pass
Band2	5	1907.5	16QAM	1	HIGH	Pass

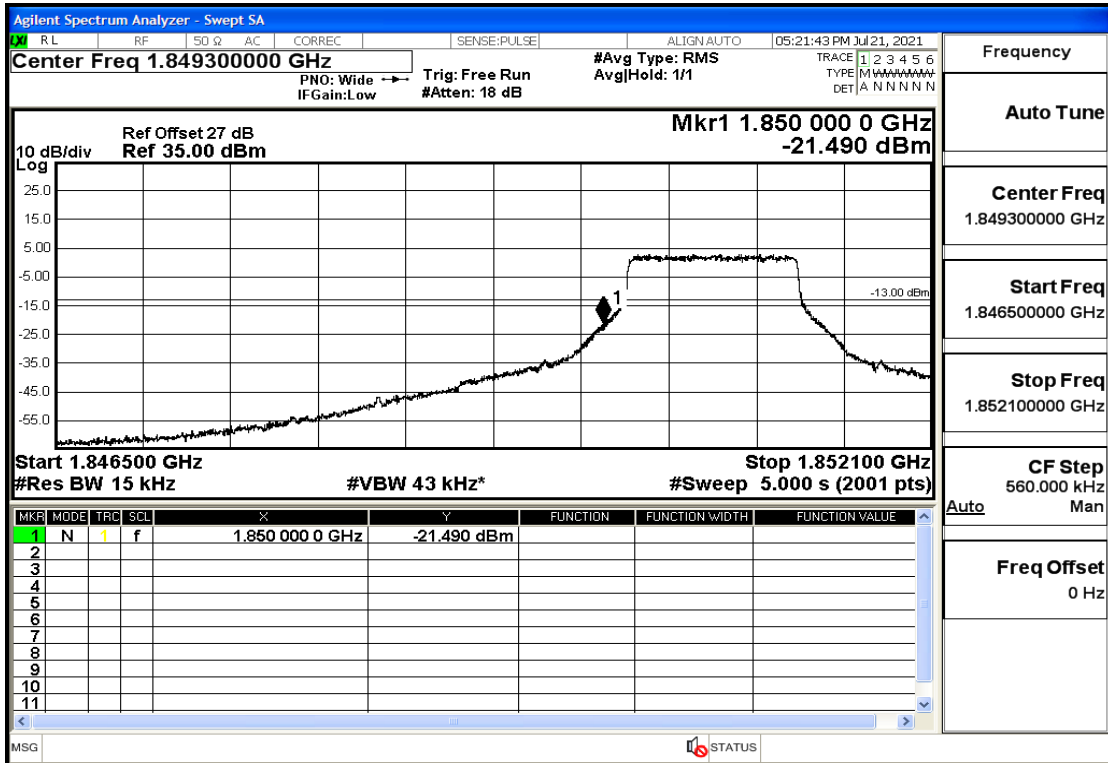
Band2-1.4-1850.7-QPSK-6#LOW@Pass



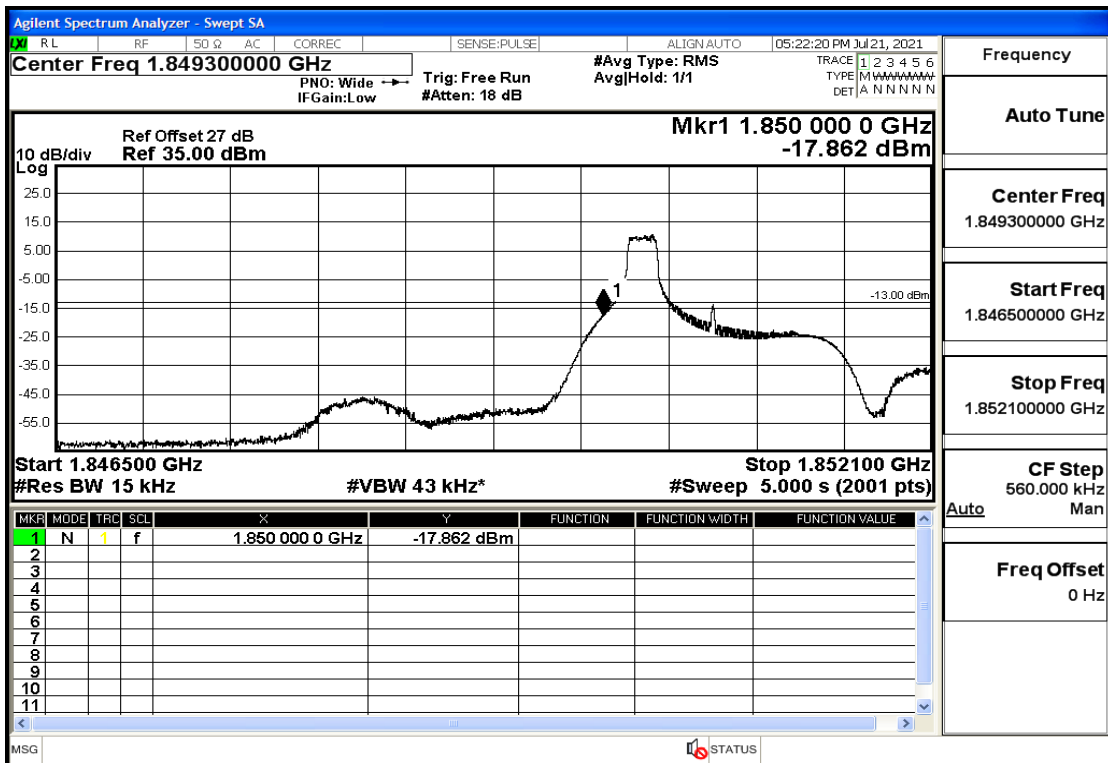
Band2-1.4-1850.7-QPSK-1#LOW@Pass



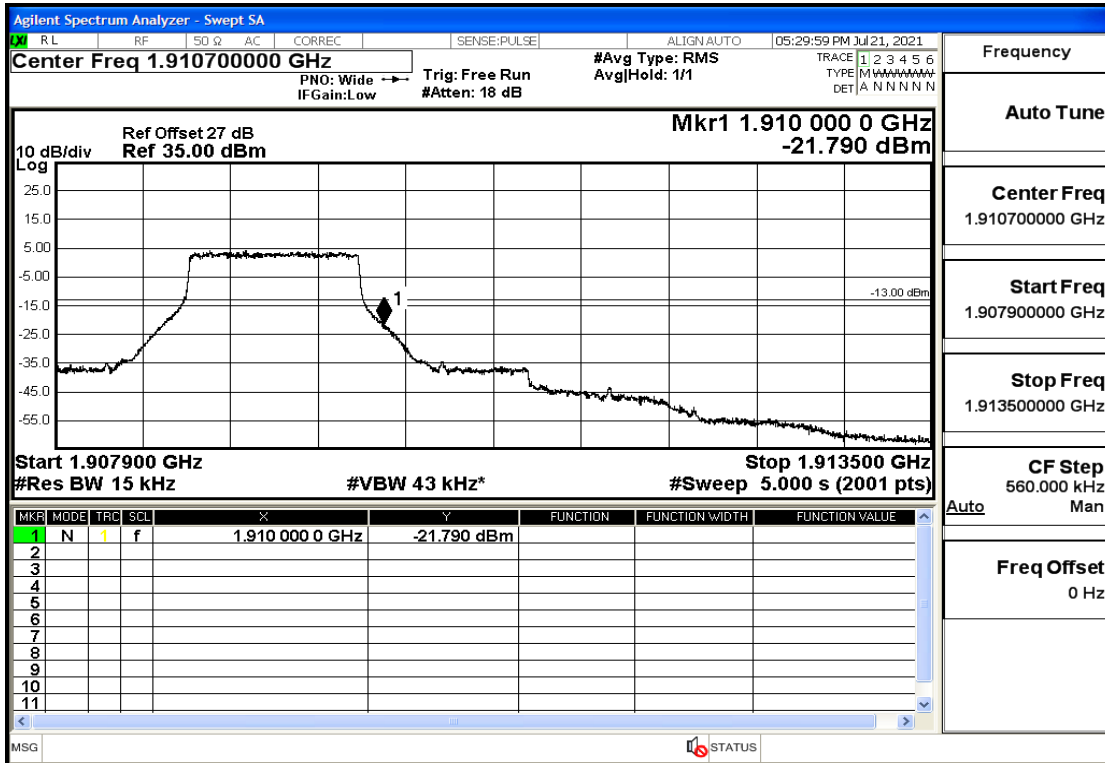
Band2-1.4-1850.7-16QAM-6#LOW@Pass



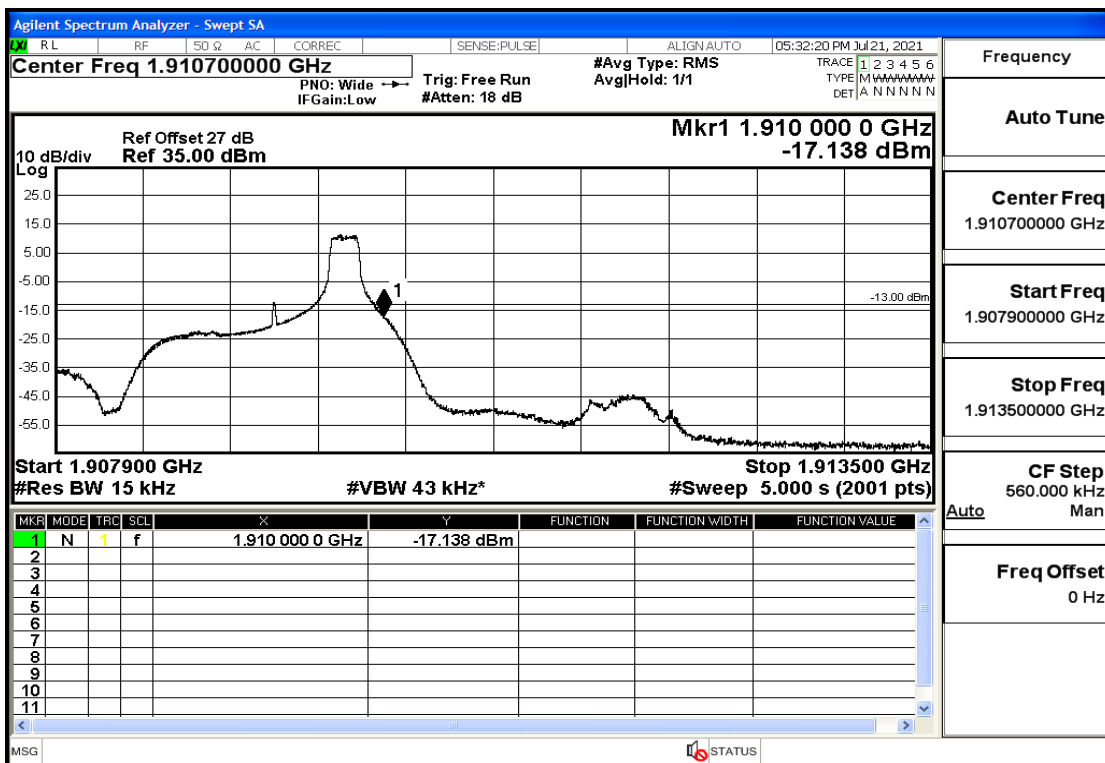
Band2-1.4-1850.7-16QAM-1#LOW@Pass



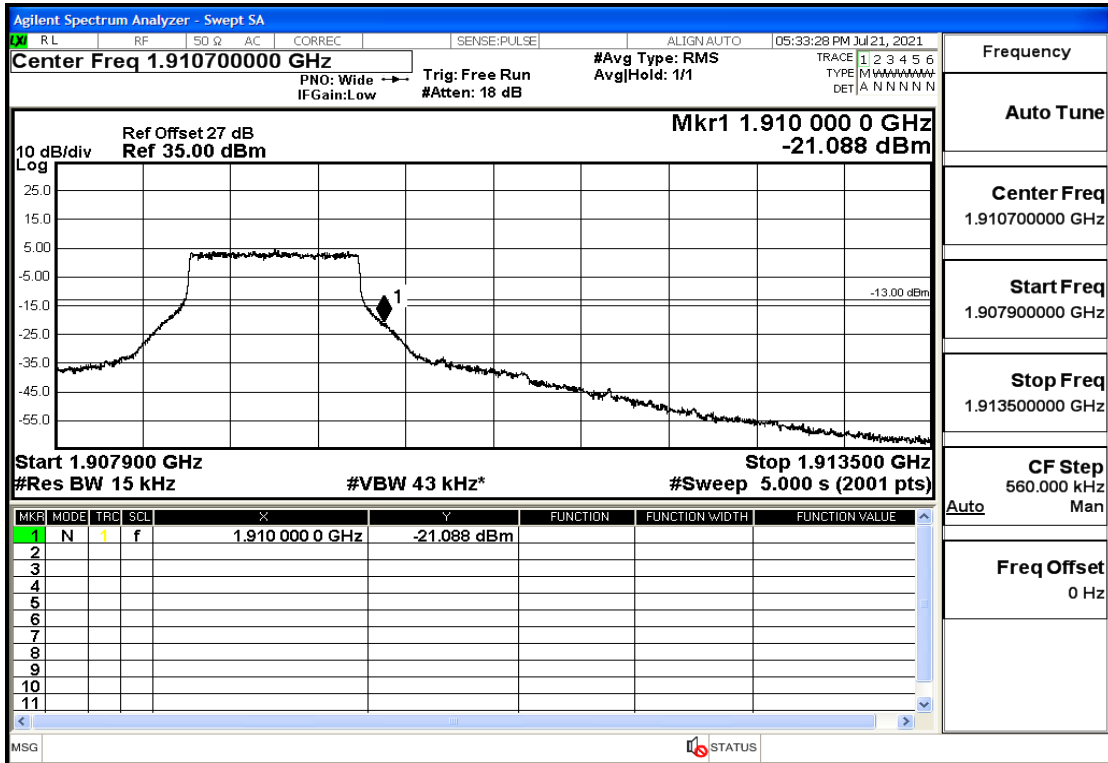
Band2-1.4-1909.3-QPSK-6#LOW@Pass



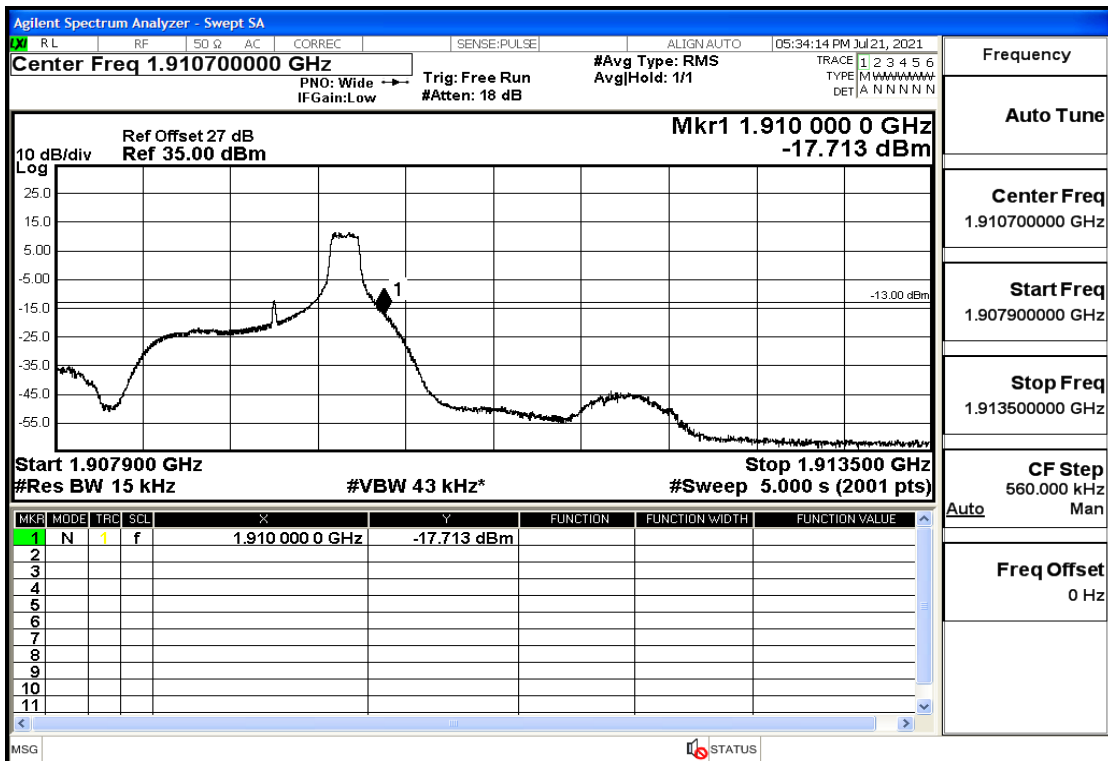
Band2-1.4-1909.3-QPSK-1#HIGH@Pass



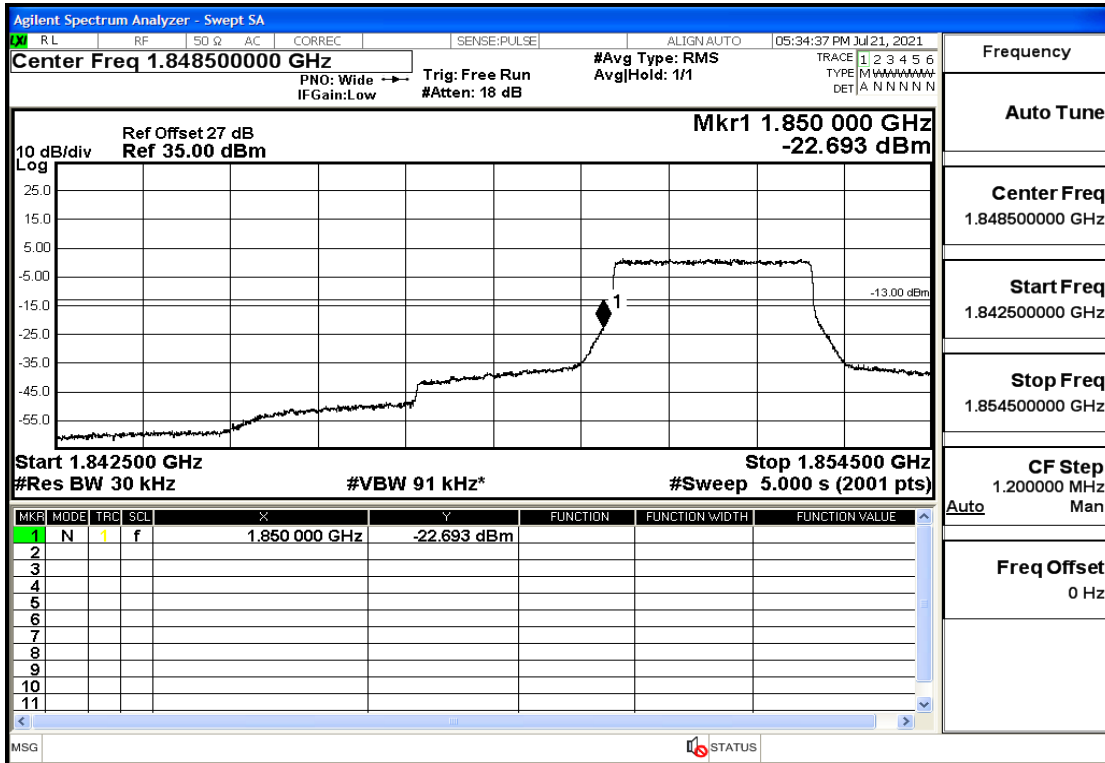
Band2-1.4-1909.3-16QAM-6#LOW@Pass



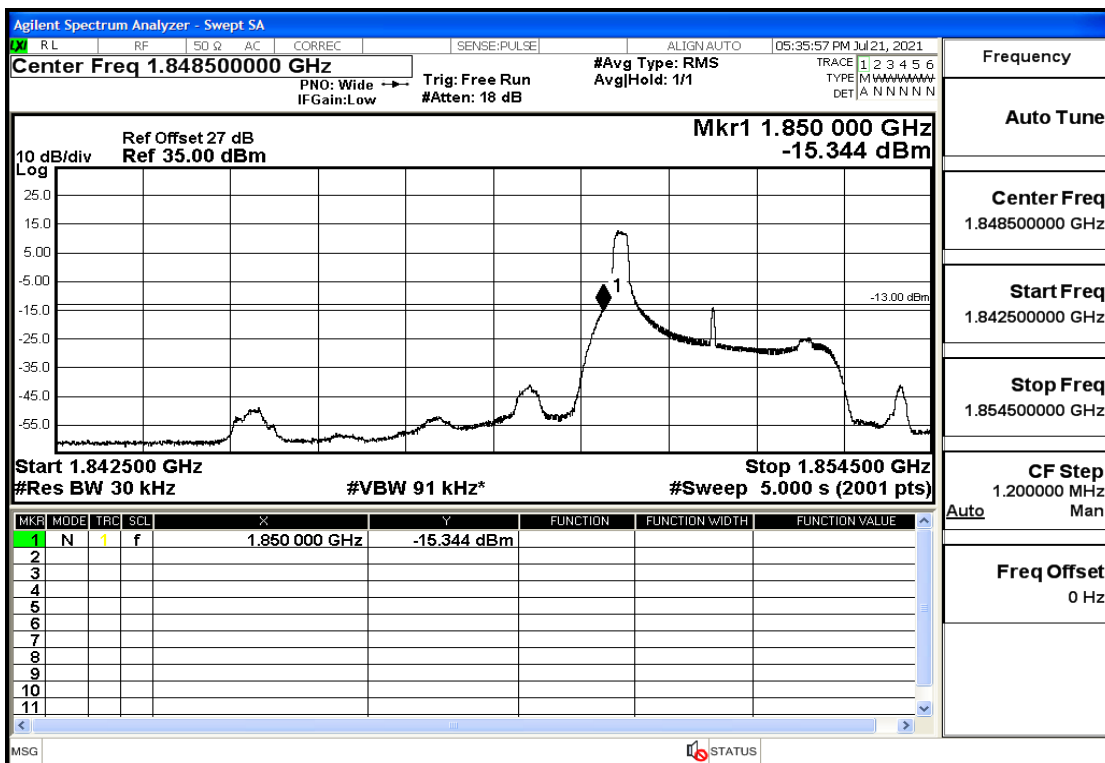
Band2-1.4-1909.3-16QAM-1#HIGH@Pass



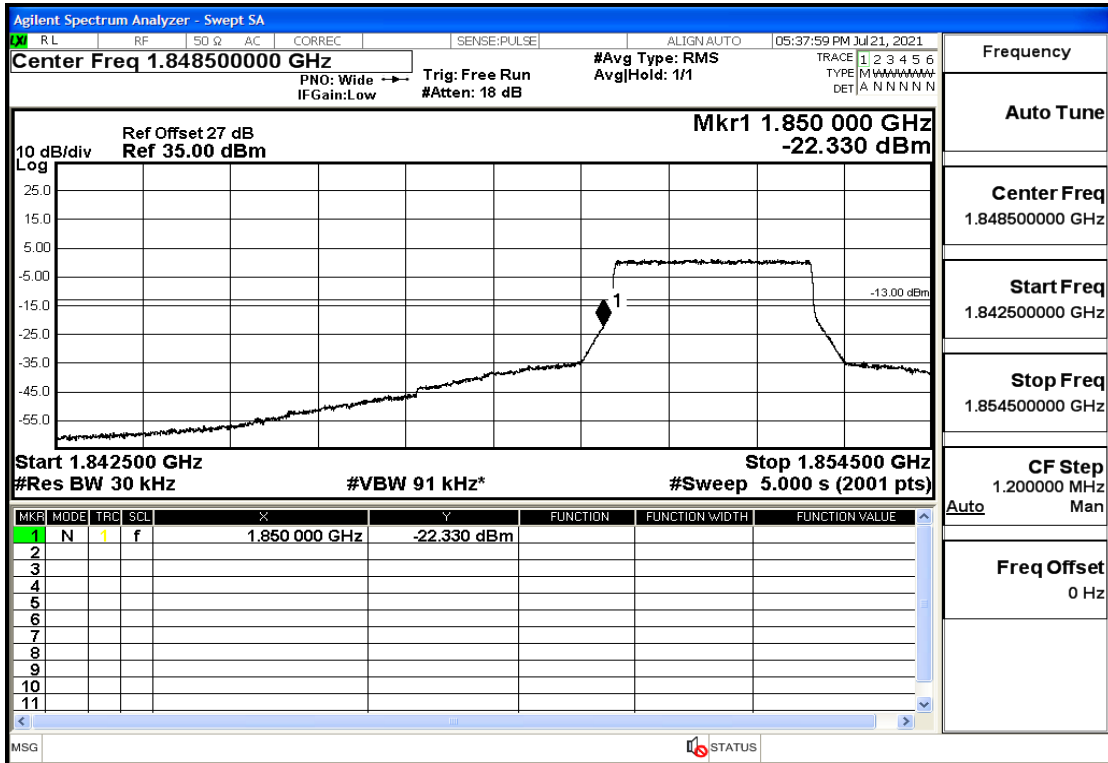
Band2-3-1851.5-QPSK-15#LOW@Pass



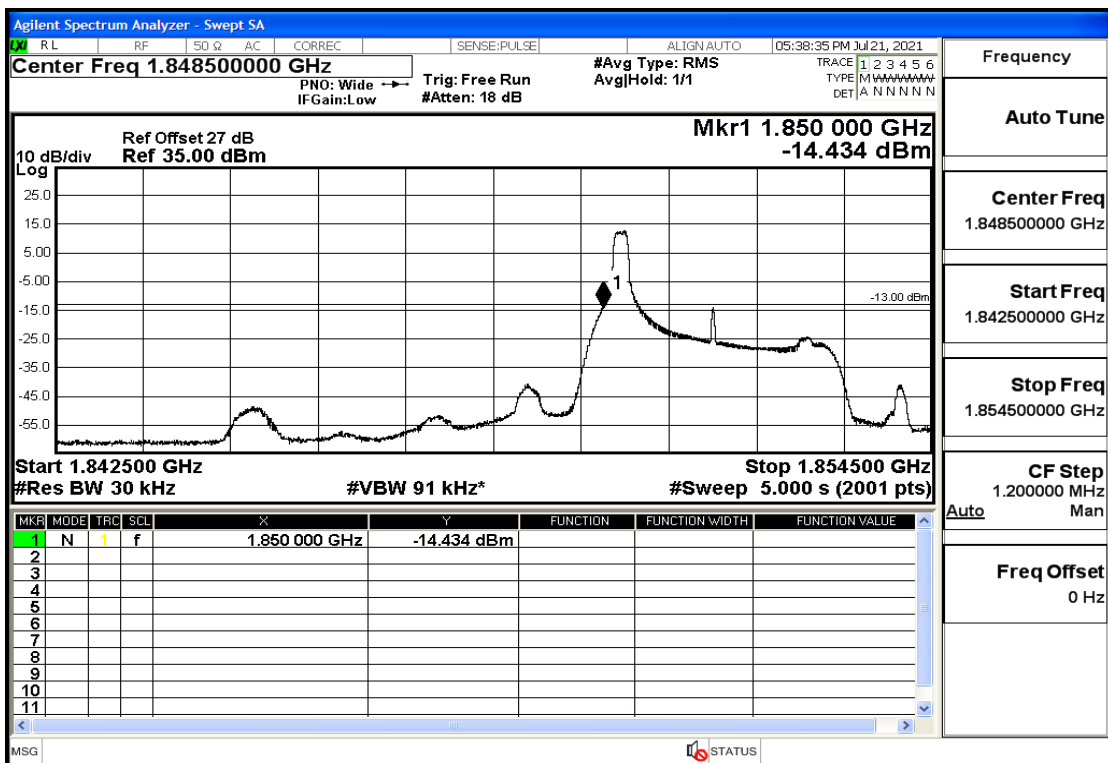
Band2-3-1851.5-QPSK-1#LOW@Pass



Band2-3-1851.5-16QAM-15#LOW@Pass

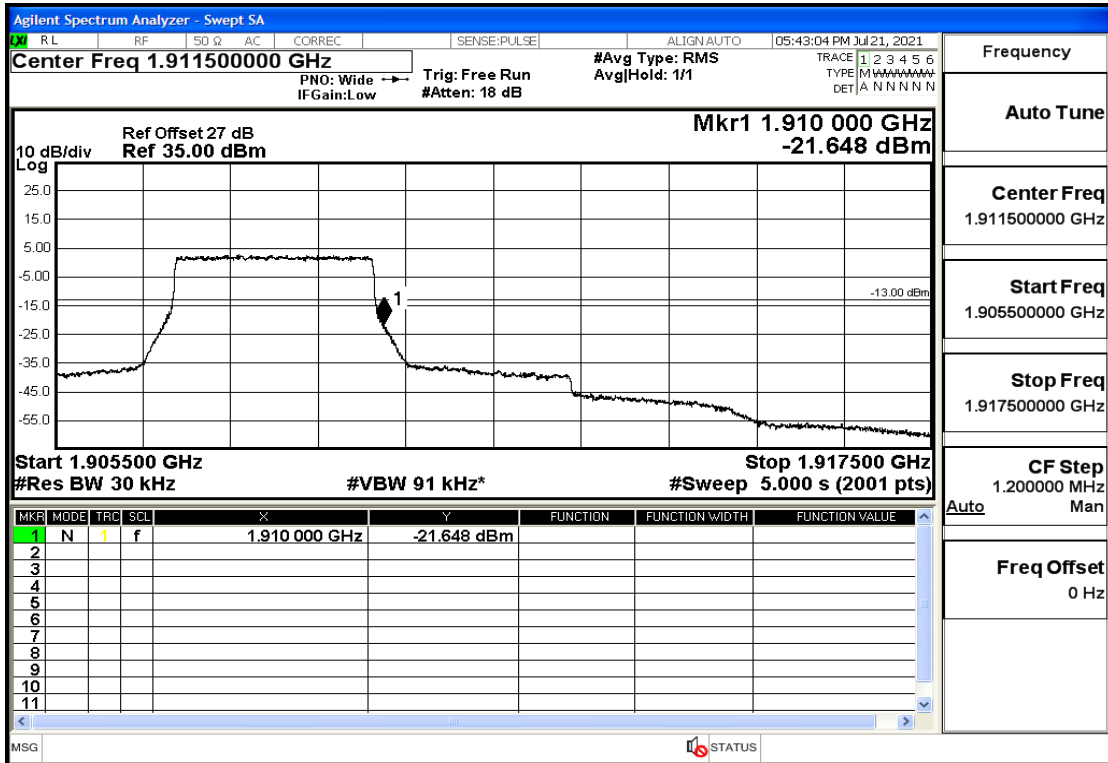


Band2-3-1851.5-16QAM-1#LOW@Pass

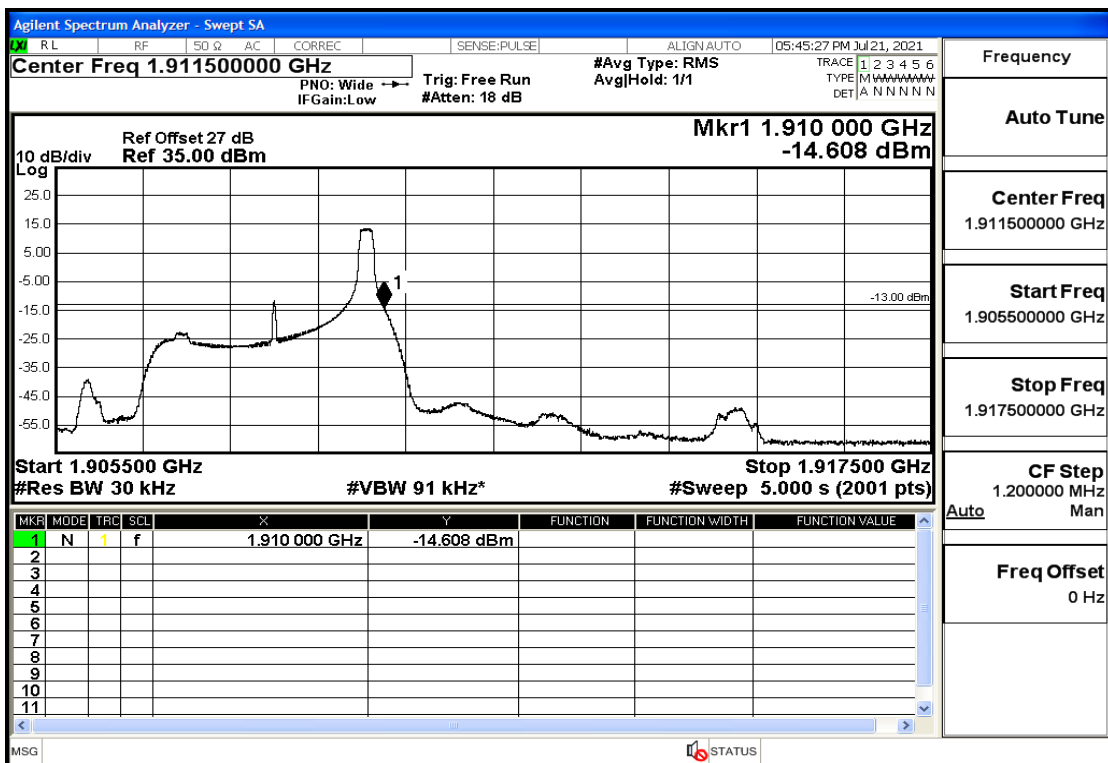




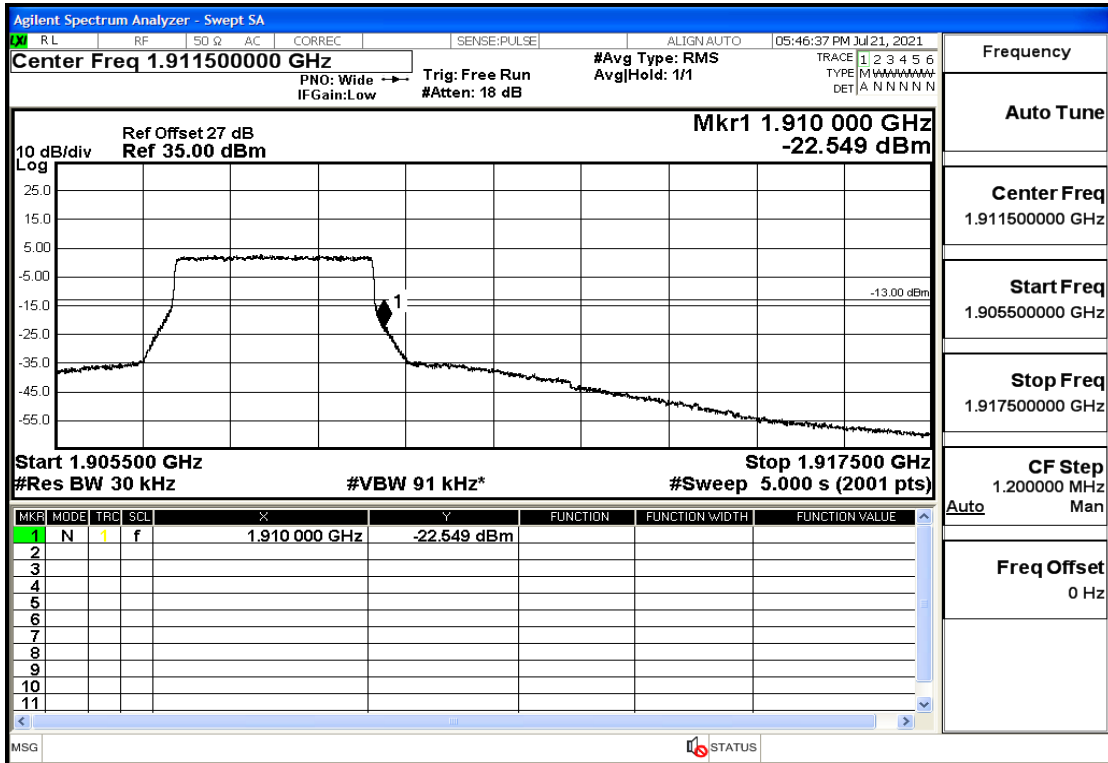
Band2-3-1908.5-QPSK-15#LOW@Pass



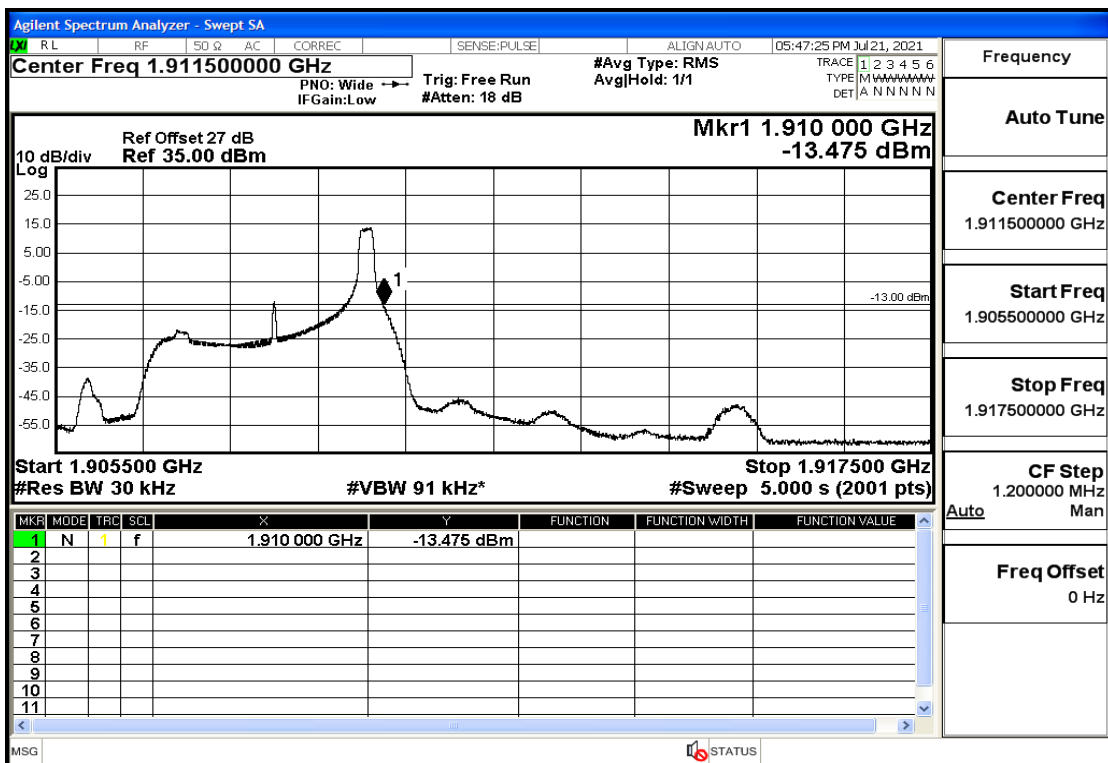
Band2-3-1908.5-QPSK-1#HIGH@Pass



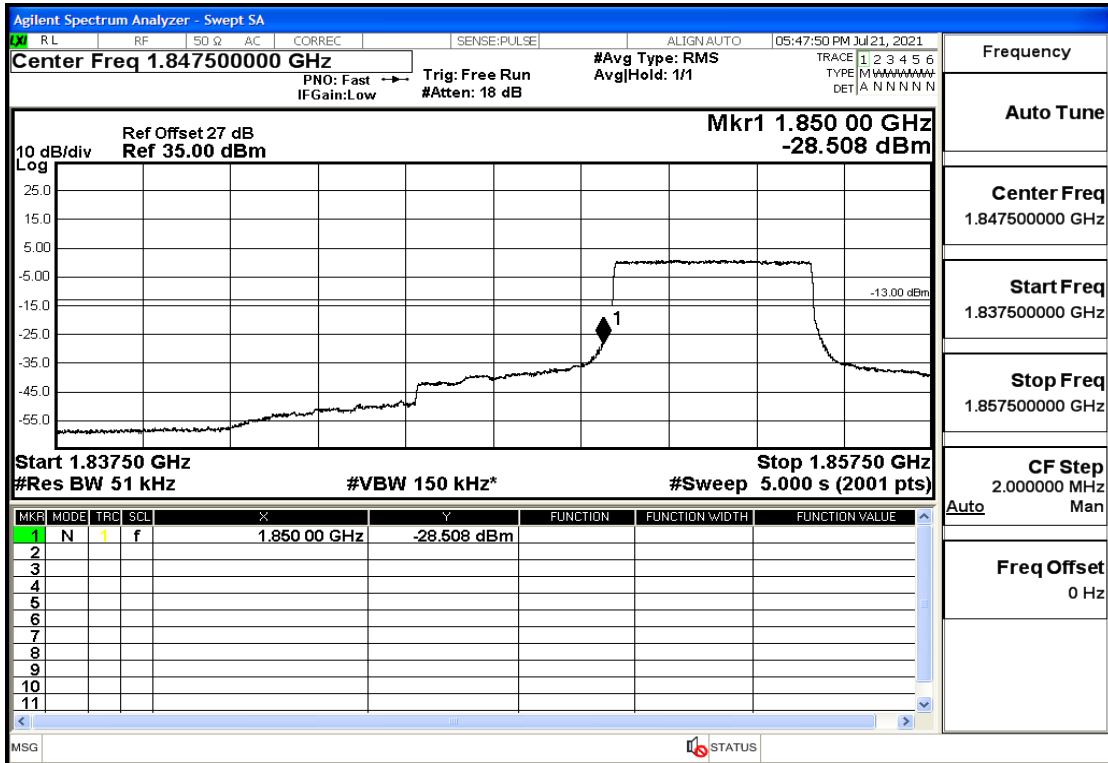
Band2-3-1908.5-16QAM-15#LOW@Pass



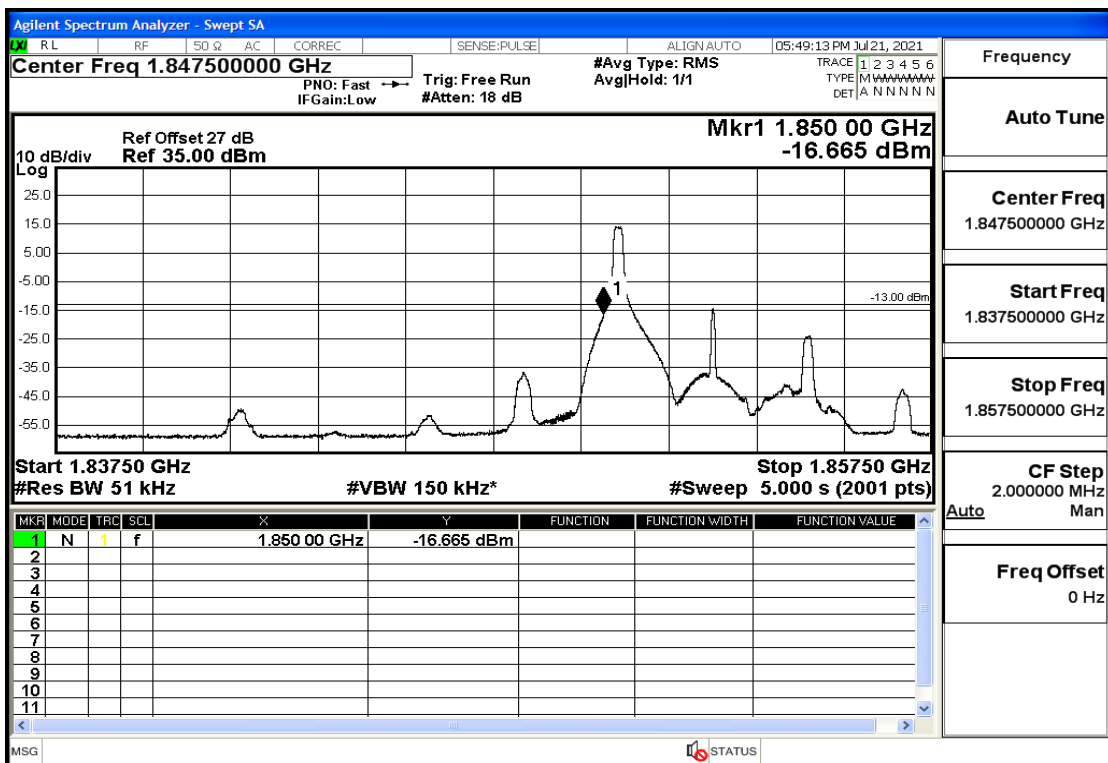
Band2-3-1908.5-16QAM-1#HIGH@Pass



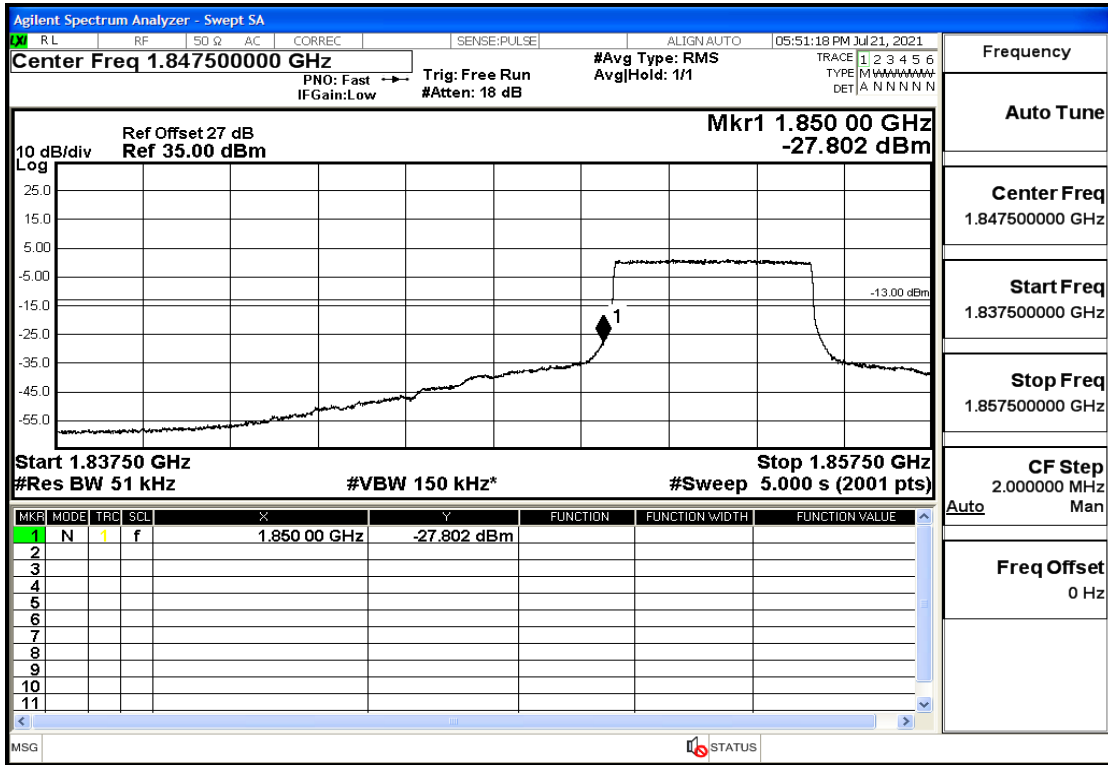
Band2-5-1852.5-QPSK-25#LOW@Pass



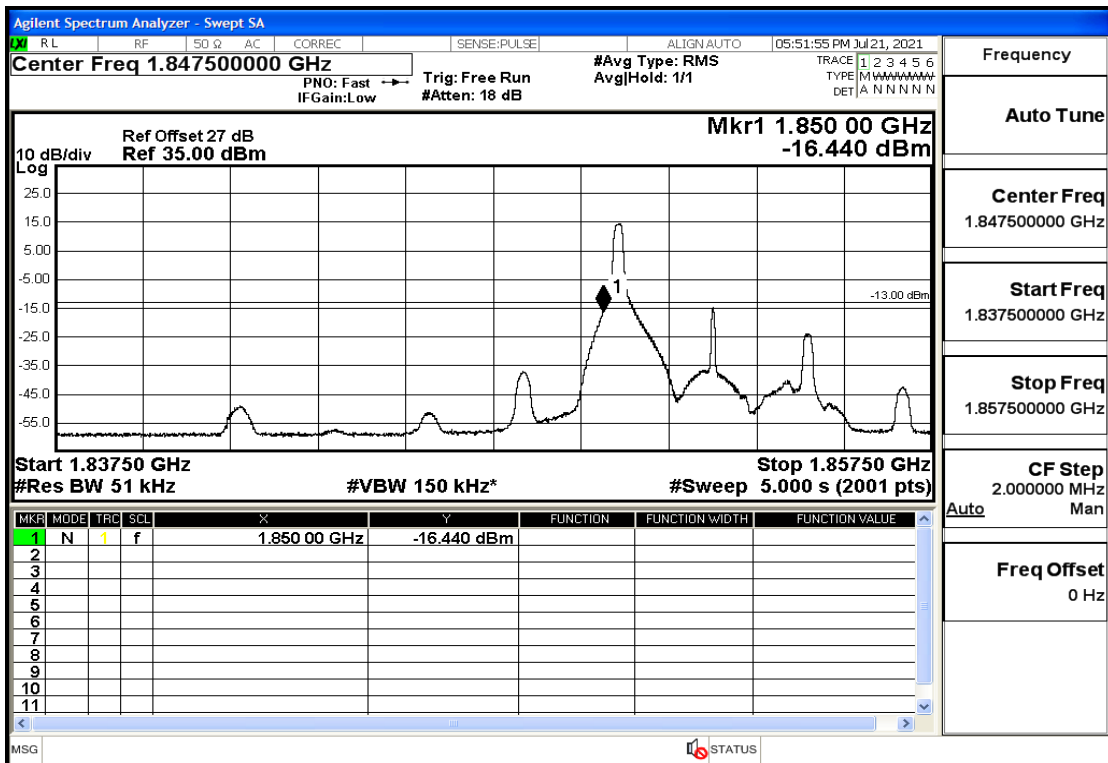
Band2-5-1852.5-QPSK-1#LOW@Pass



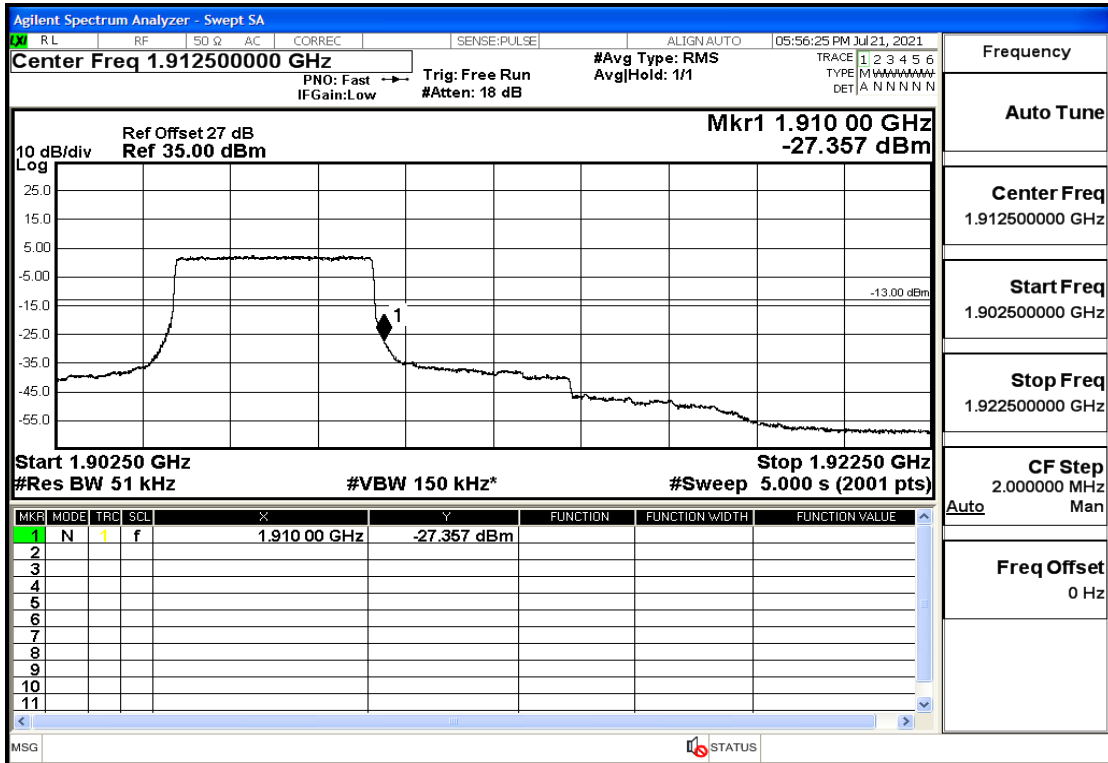
Band2-5-1852.5-16QAM-25#LOW@Pass



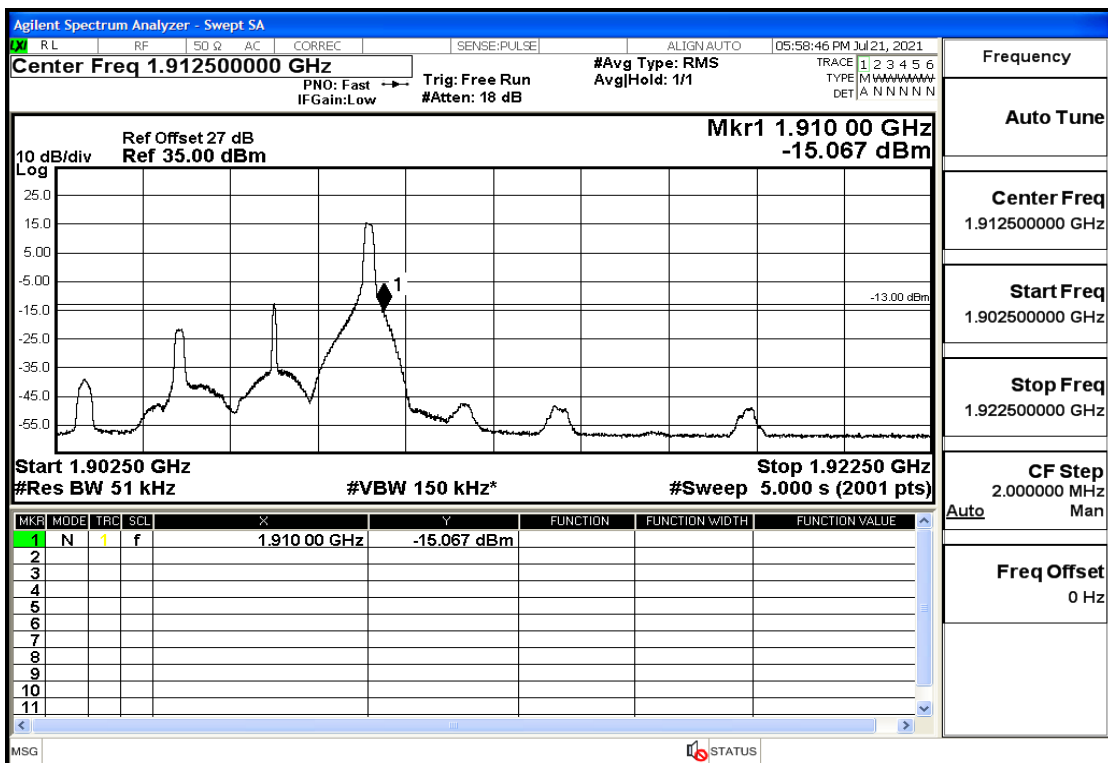
Band2-5-1852.5-16QAM-1#LOW@Pass



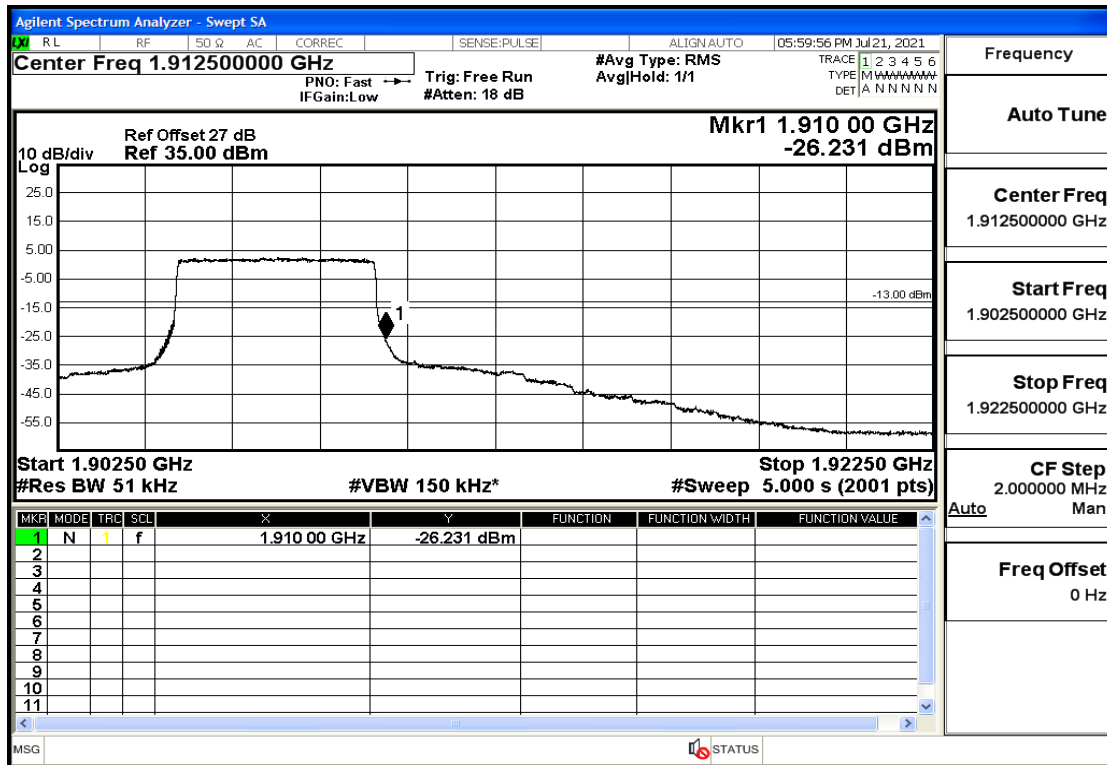
Band2-5-1907.5-QPSK-25#LOW@Pass



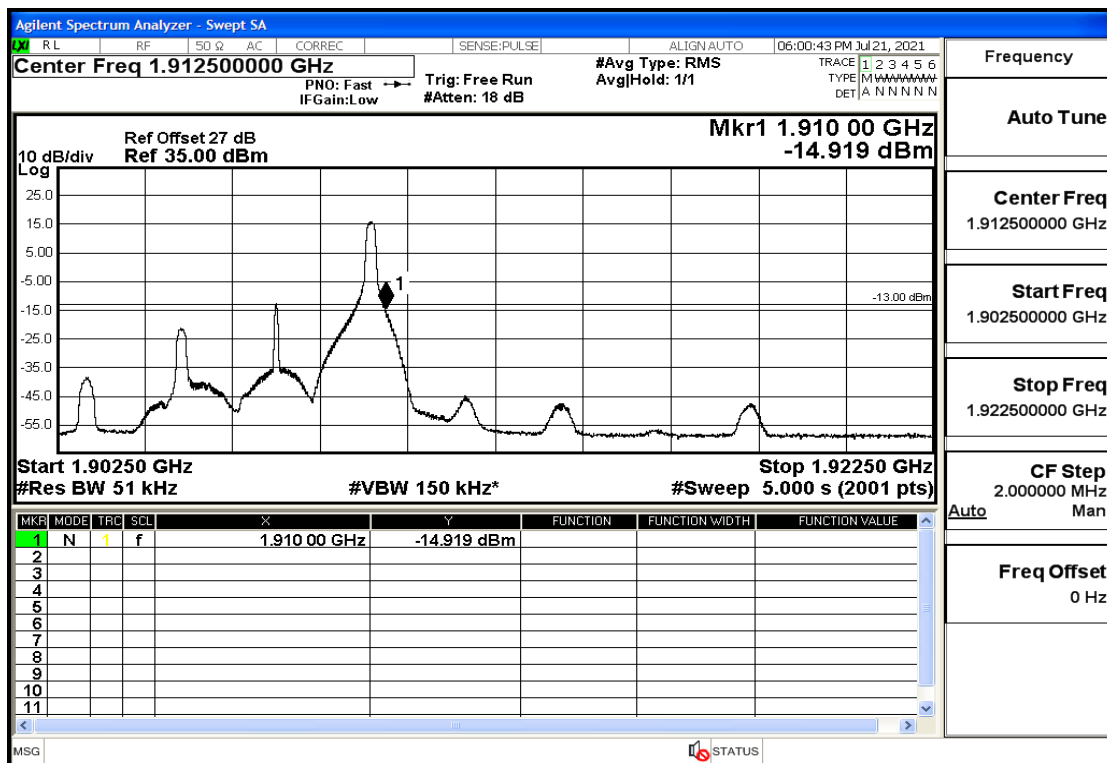
Band2-5-1907.5-QPSK-1#HIGH@Pass



Band2-5-1907.5-16QAM-25#LOW@Pass



Band2-5-1907.5-16QAM-1#HIGH@Pass



## Conducted Spurious Emission

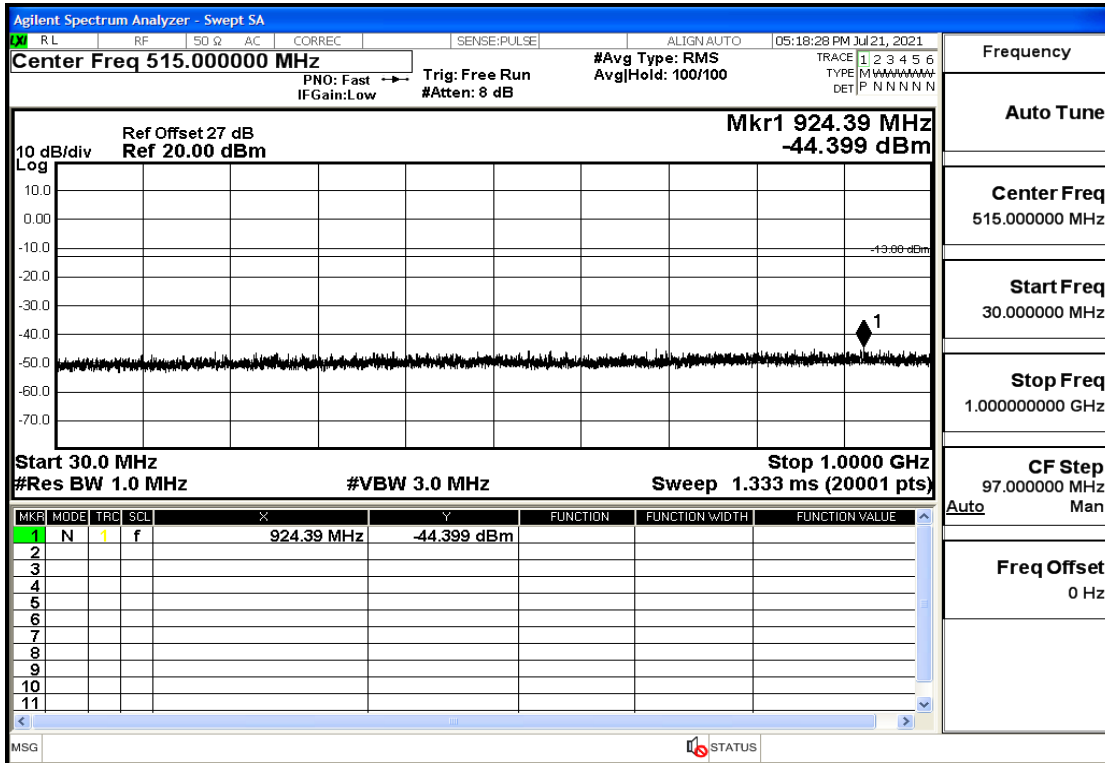
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB2	1.4	1850.7	QPSK	6	LOW	30mHz-1GHz	Pass
OB2	1.4	1850.7	QPSK	6	LOW	1GHz-7GHz	Pass
OB2	1.4	1850.7	QPSK	6	LOW	7GHz-13.6GHz	Pass
OB2	1.4	1850.7	QPSK	6	LOW	13.6GHz-20GHz	Pass
OB2	1.4	1850.7	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	1.4	1850.7	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	1.4	1850.7	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	1.4	1850.7	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	1.4	1850.7	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	1.4	1850.7	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	1.4	1850.7	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	1.4	1850.7	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	1.4	1880	QPSK	6	LOW	30mHz-1GHz	Pass
OB2	1.4	1880	QPSK	6	LOW	1GHz-7GHz	Pass
OB2	1.4	1880	QPSK	6	LOW	7GHz-13.6GHz	Pass
OB2	1.4	1880	QPSK	6	LOW	13.6GHz-20GHz	Pass
OB2	1.4	1880	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	1.4	1880	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	1.4	1880	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	1.4	1880	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	1.4	1880	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	1.4	1880	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	1.4	1880	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	1.4	1880	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	1.4	1909.3	QPSK	6	LOW	30mHz-1GHz	Pass
OB2	1.4	1909.3	QPSK	6	LOW	1GHz-7GHz	Pass
OB2	1.4	1909.3	QPSK	6	LOW	7GHz-13.6GHz	Pass
OB2	1.4	1909.3	QPSK	6	LOW	13.6GHz-20GHz	Pass
OB2	1.4	1909.3	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	1.4	1909.3	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	1.4	1909.3	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	1.4	1909.3	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	1.4	1909.3	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	1.4	1909.3	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	1.4	1909.3	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	1.4	1909.3	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	3	1851.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB2	3	1851.5	QPSK	15	LOW	1GHz-7GHz	Pass
OB2	3	1851.5	QPSK	15	LOW	7GHz-13.6GHz	Pass
OB2	3	1851.5	QPSK	15	LOW	13.6GHz-20GHz	Pass

OB2	3	1851.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	3	1851.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	3	1851.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	3	1851.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	3	1851.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	3	1851.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	3	1851.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	3	1851.5	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	3	1880	QPSK	15	LOW	30mHz-1GHz	Pass
OB2	3	1880	QPSK	15	LOW	1GHz-7GHz	Pass
OB2	3	1880	QPSK	15	LOW	7GHz-13.6GHz	Pass
OB2	3	1880	QPSK	15	LOW	13.6GHz-20GHz	Pass
OB2	3	1880	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	3	1880	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	3	1880	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	3	1880	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	3	1880	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	3	1880	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	3	1880	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	3	1880	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	3	1908.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB2	3	1908.5	QPSK	15	LOW	1GHz-7GHz	Pass
OB2	3	1908.5	QPSK	15	LOW	7GHz-13.6GHz	Pass
OB2	3	1908.5	QPSK	15	LOW	13.6GHz-20GHz	Pass
OB2	3	1908.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	3	1908.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	3	1908.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	3	1908.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	3	1908.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	3	1908.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	3	1908.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	3	1908.5	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	5	1852.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB2	5	1852.5	QPSK	25	LOW	1GHz-7GHz	Pass
OB2	5	1852.5	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB2	5	1852.5	QPSK	25	LOW	13.6GHz-20GHz	Pass
OB2	5	1852.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	5	1852.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	5	1852.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	5	1852.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	5	1852.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	5	1852.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	5	1852.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	5	1852.5	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	5	1880	QPSK	25	LOW	30mHz-1GHz	Pass
OB2	5	1880	QPSK	25	LOW	1GHz-7GHz	Pass

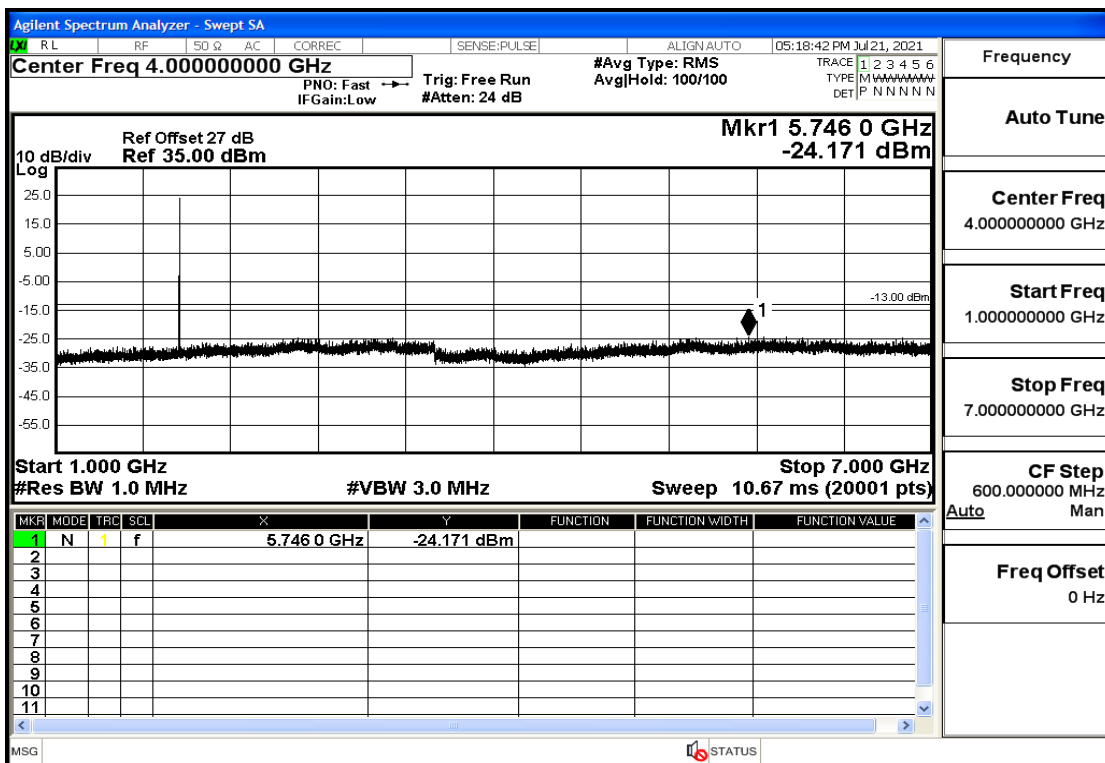


OB2	5	1880	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB2	5	1880	QPSK	25	LOW	13.6GHz-20GHz	Pass
OB2	5	1880	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	5	1880	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	5	1880	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	5	1880	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	5	1880	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	5	1880	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	5	1880	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	5	1880	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB2	5	1907.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB2	5	1907.5	QPSK	25	LOW	1GHz-7GHz	Pass
OB2	5	1907.5	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB2	5	1907.5	QPSK	25	LOW	13.6GHz-20GHz	Pass
OB2	5	1907.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB2	5	1907.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB2	5	1907.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB2	5	1907.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB2	5	1907.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB2	5	1907.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB2	5	1907.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB2	5	1907.5	QPSK	1	HIGH	13.6GHz-20GHz	Pass

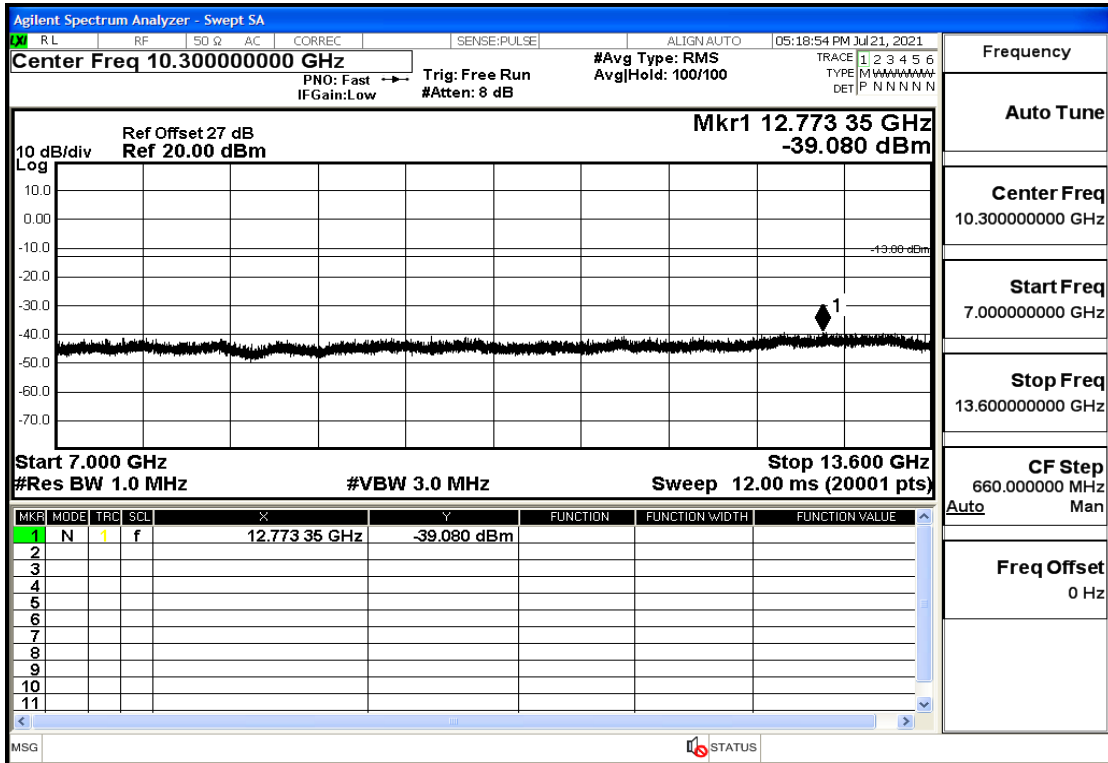
OB2-1.4-1850.7-QPSK-6#LOW@30mHz-1GHz@Pass



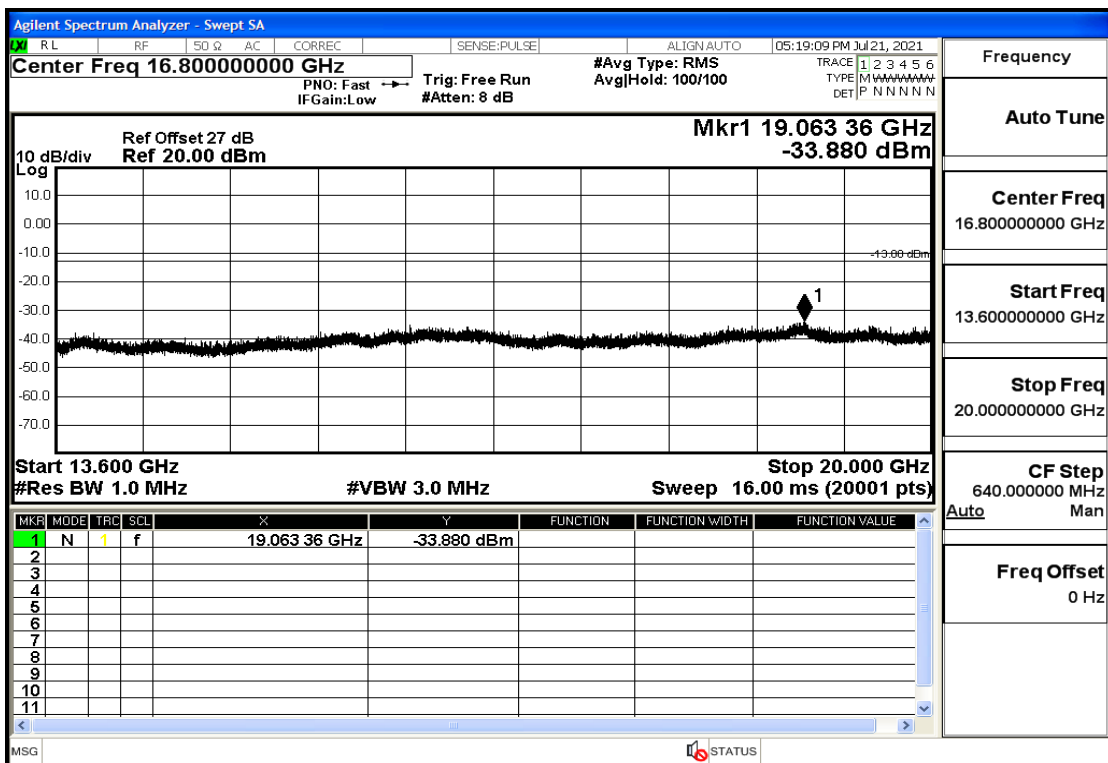
OB2-1.4-1850.7-QPSK-6#LOW@1GHz-7GHz@Pass



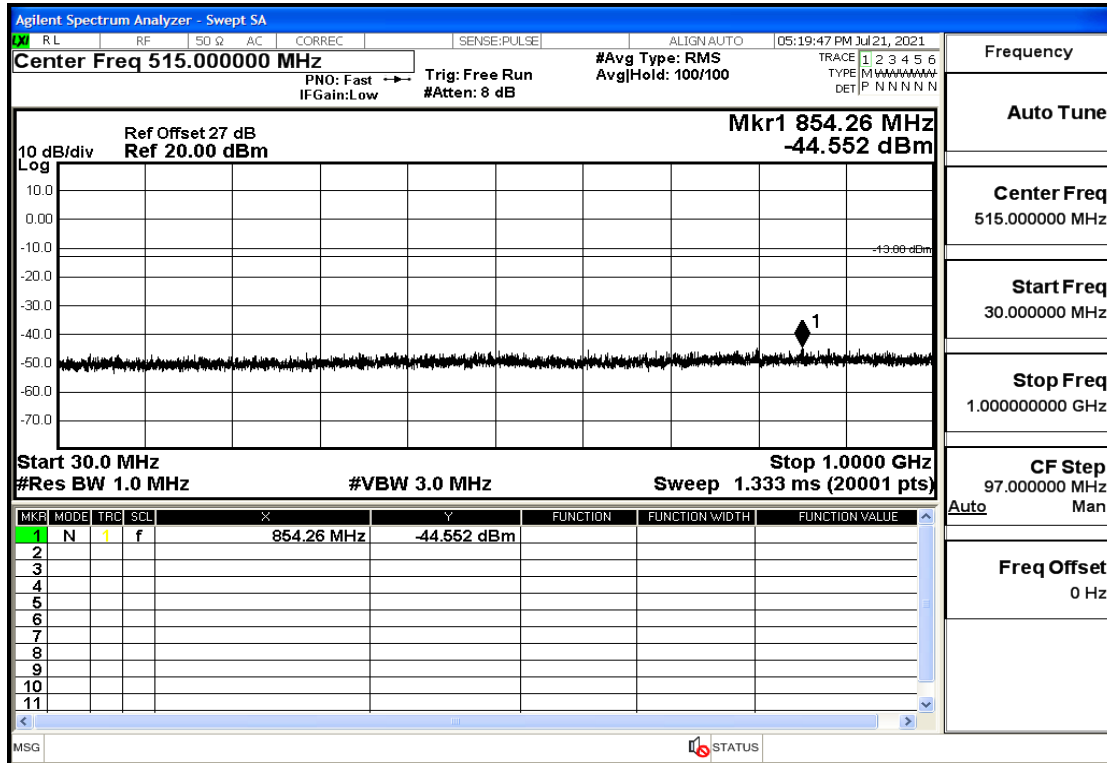
OB2-1.4-1850.7-QPSK-6#LOW@7GHz-13.6GHz@Pass



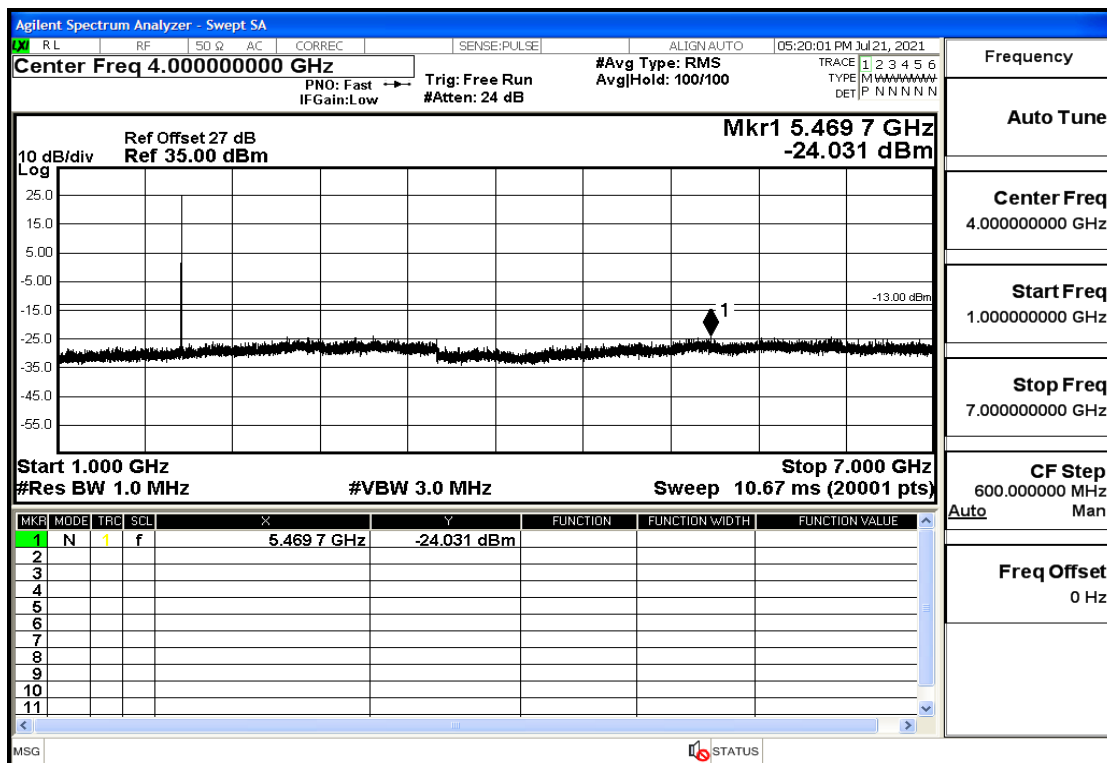
OB2-1.4-1850.7-QPSK-6#LOW@13.6GHz-20GHz@Pass



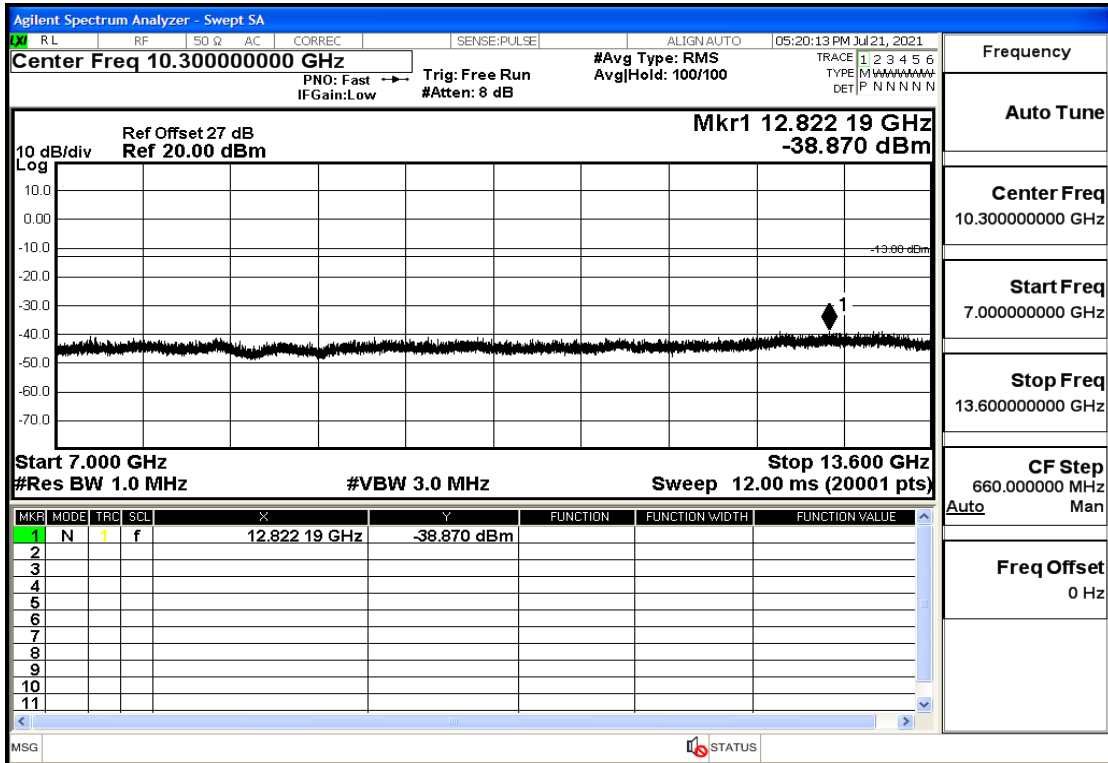
OB2-1.4-1850.7-QPSK-1#LOW@30mHz-1GHz@Pass



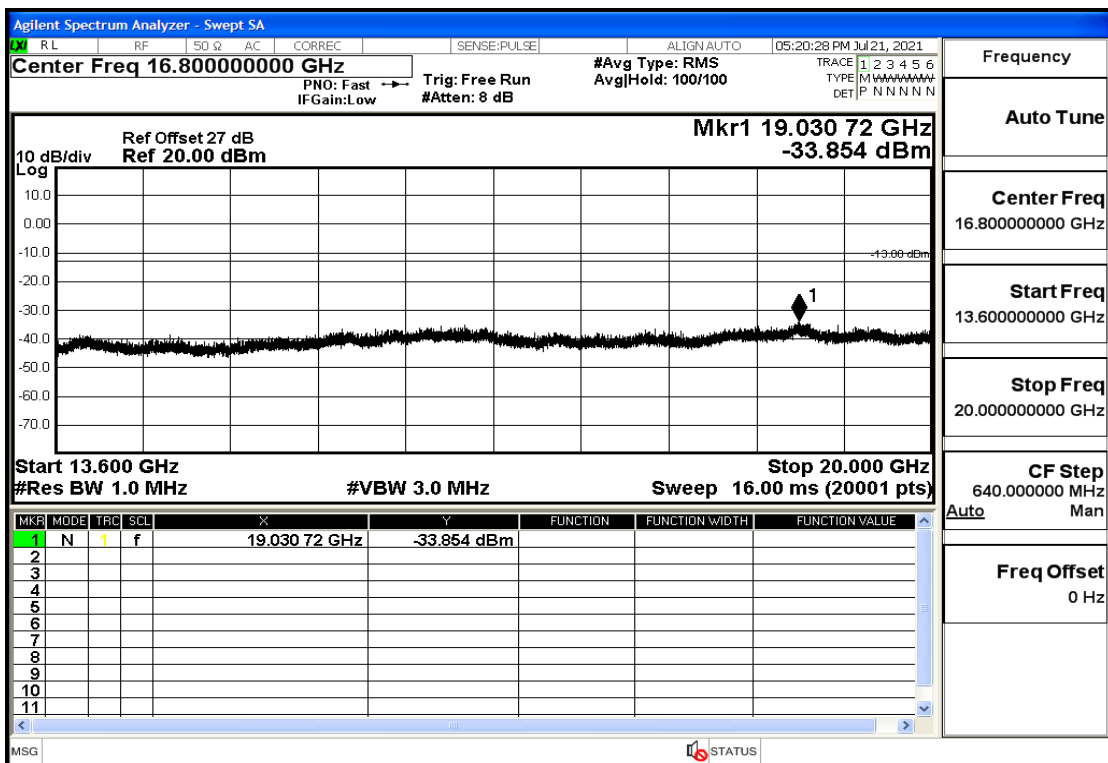
OB2-1.4-1850.7-QPSK-1#LOW@1GHz-7GHz@Pass



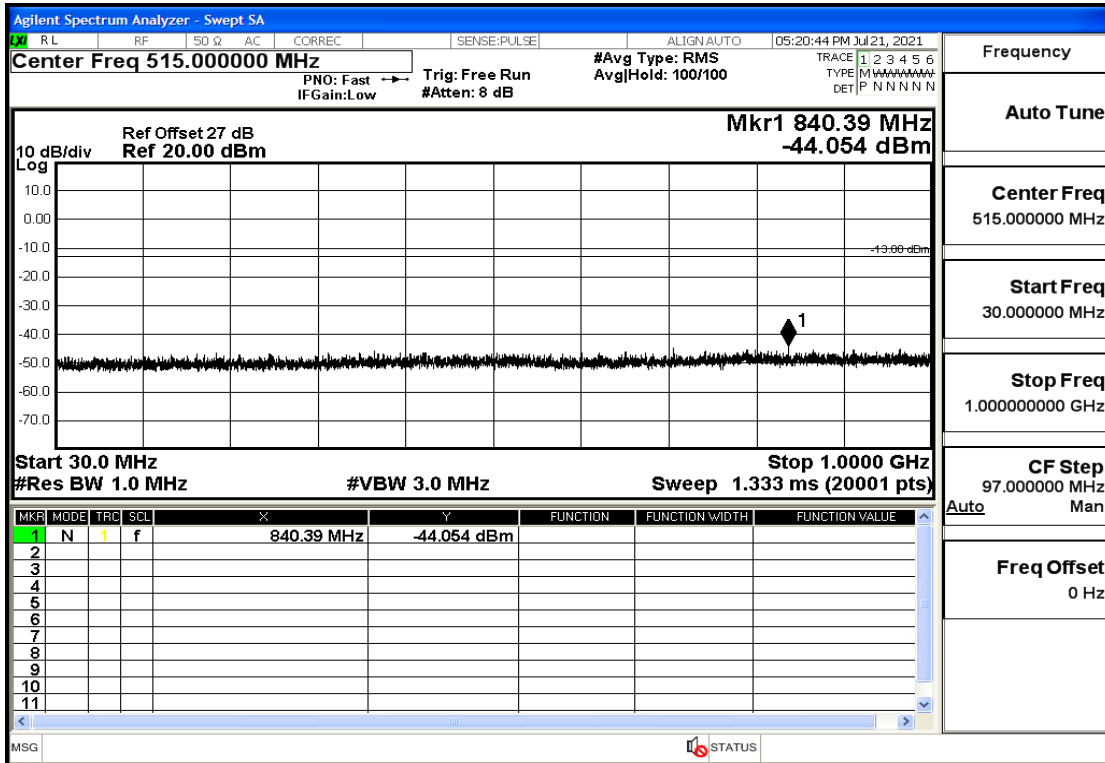
OB2-1.4-1850.7-QPSK-1#LOW@7GHz-13.6GHz@Pass



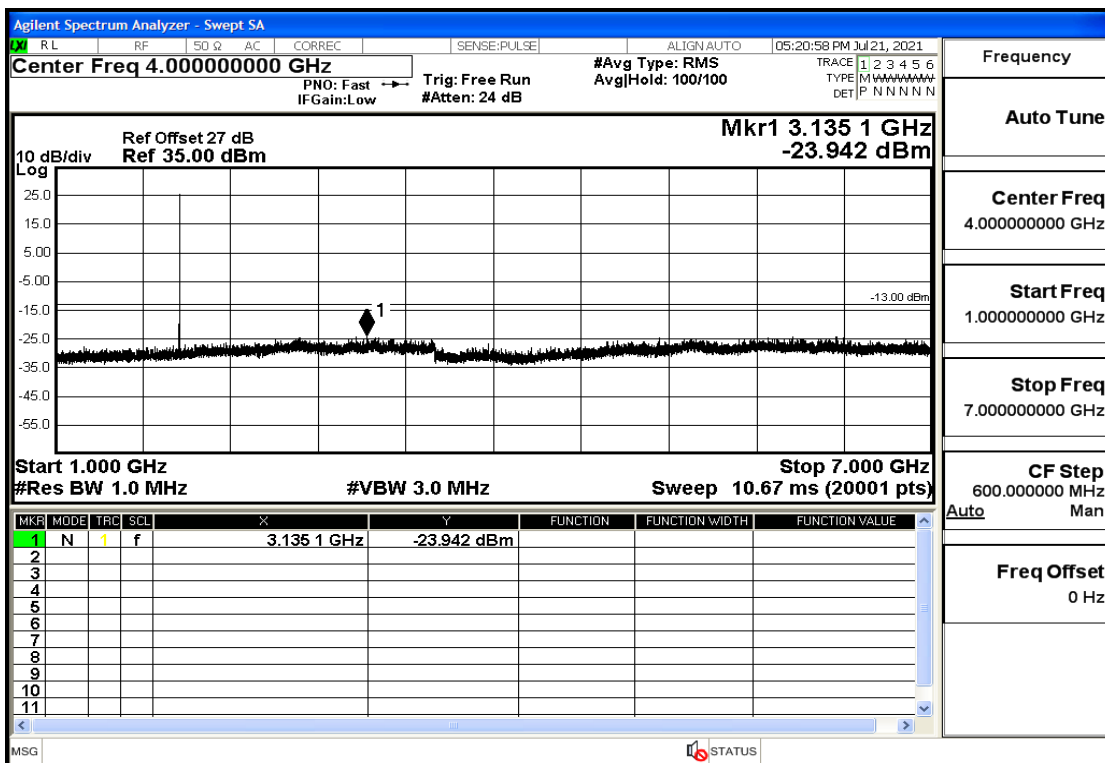
OB2-1.4-1850.7-QPSK-1#LOW@13.6GHz-20GHz@Pass



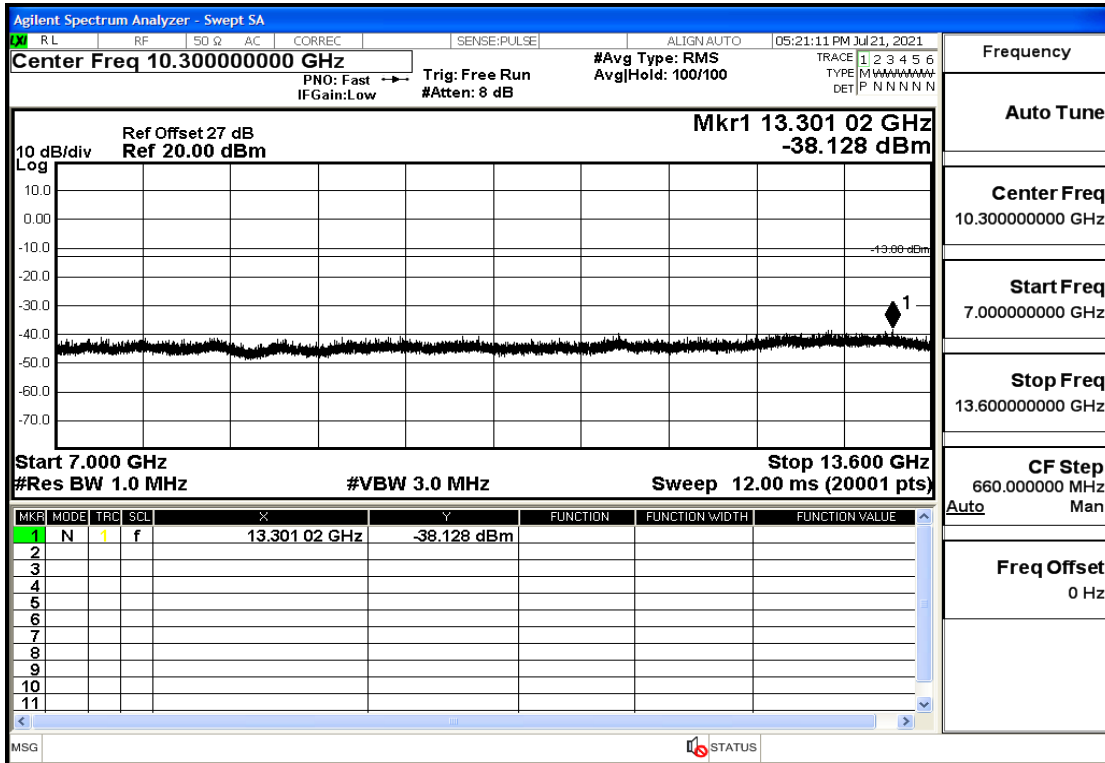
OB2-1.4-1850.7-QPSK-1#HIGH@30mHz-1GHz@Pass



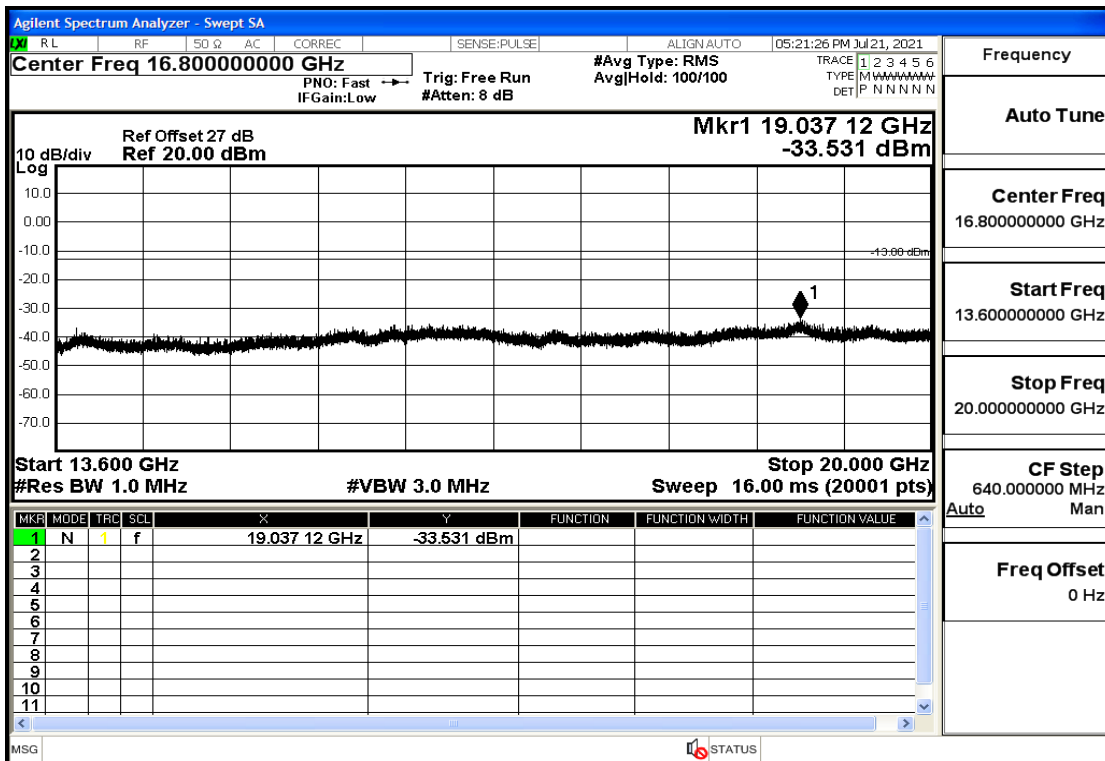
OB2-1.4-1850.7-QPSK-1#HIGH@1GHz-7GHz@Pass



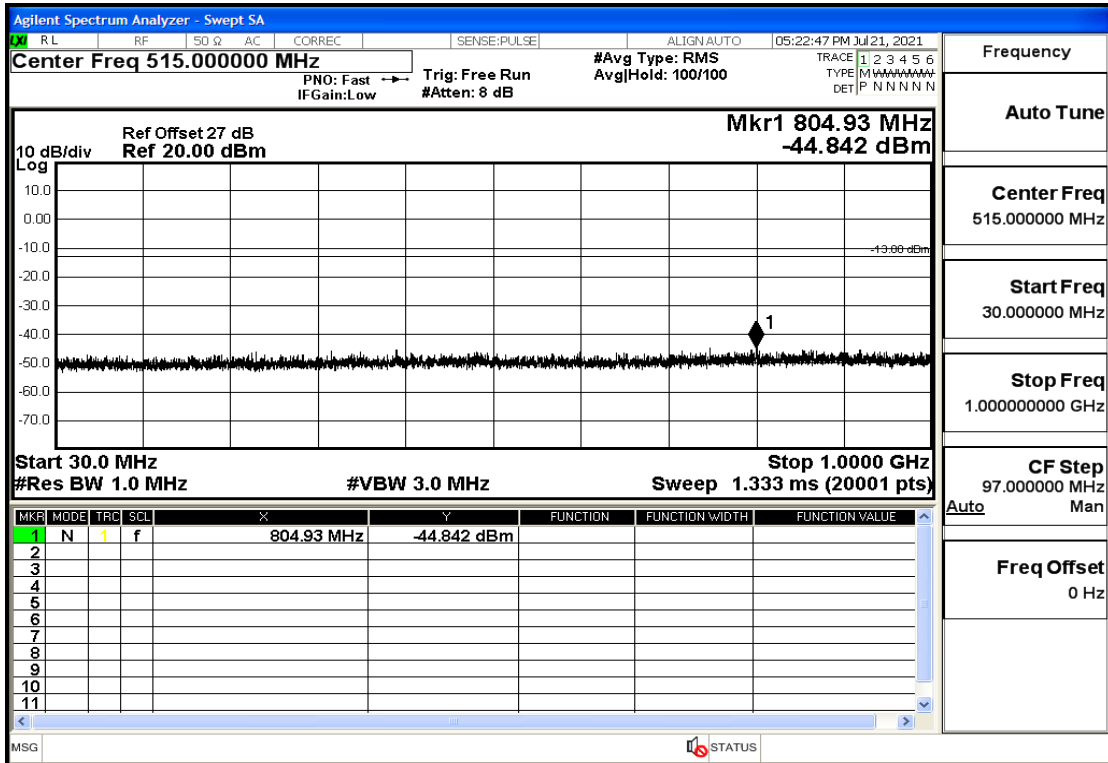
OB2-1.4-1850.7-QPSK-1#HIGH@7GHz-13.6GHz@Pass



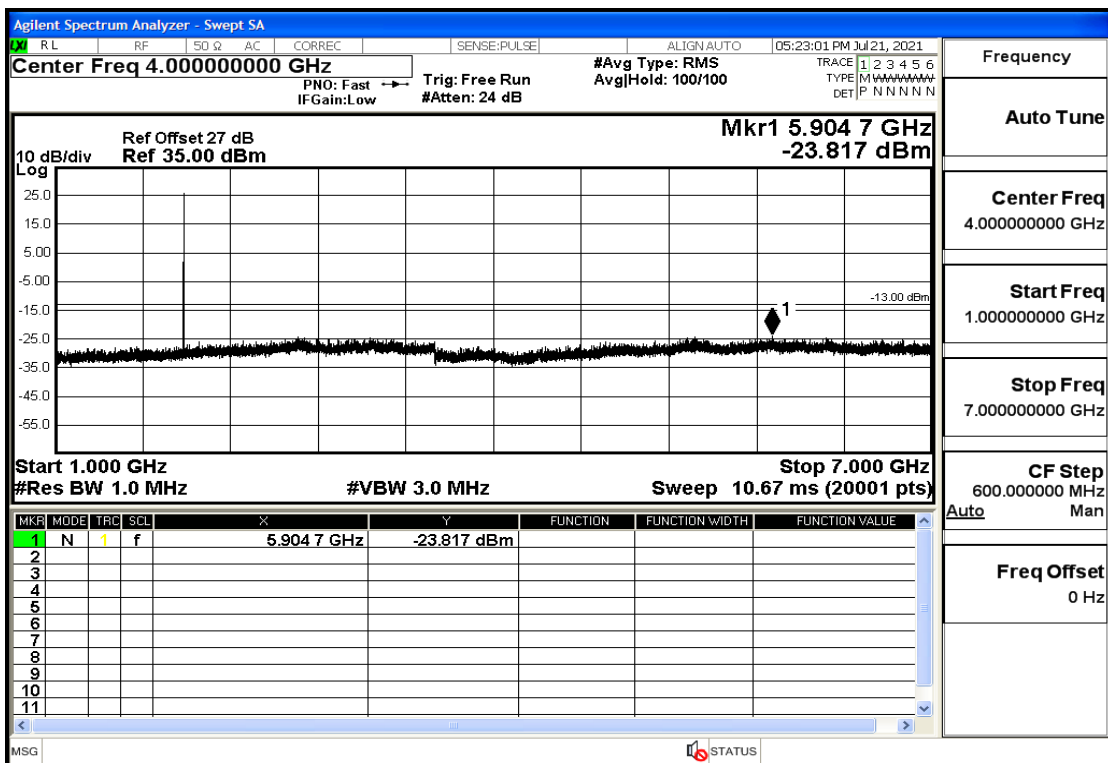
OB2-1.4-1850.7-QPSK-1#HIGH@13.6GHz-20GHz@Pass



OB2-1.4-1880-QPSK-6#LOW@30mHz-1GHz@Pass

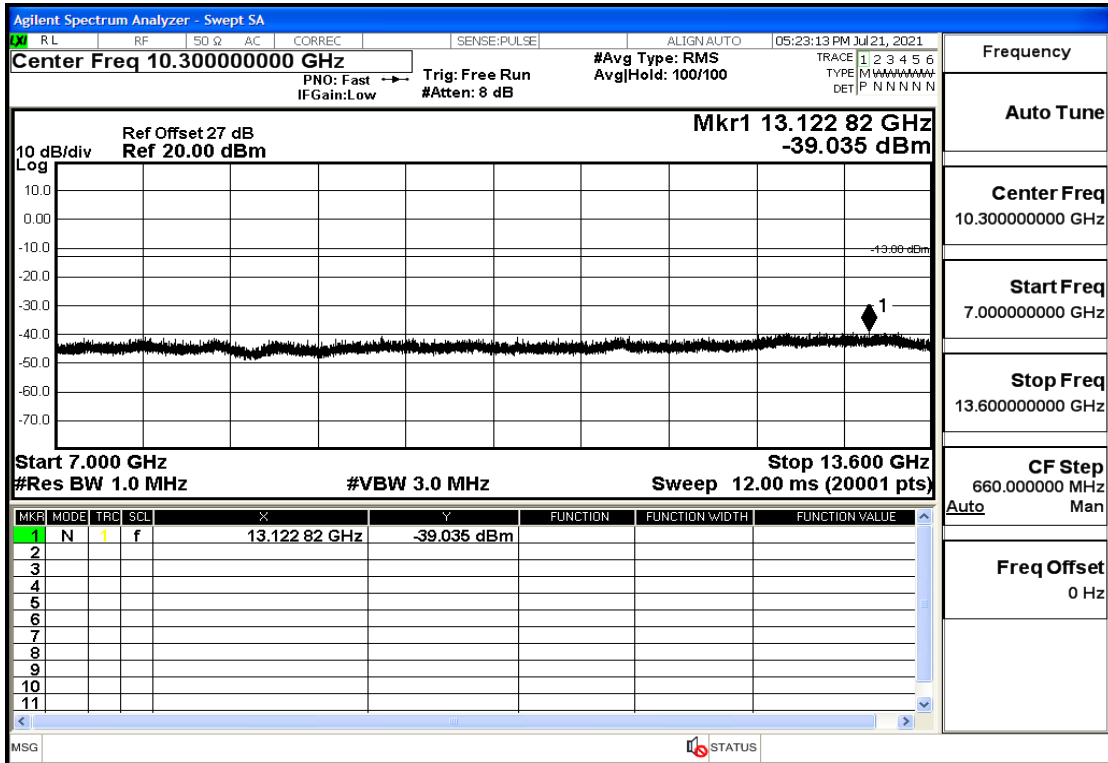


OB2-1.4-1880-QPSK-6#LOW@1GHz-7GHz@Pass

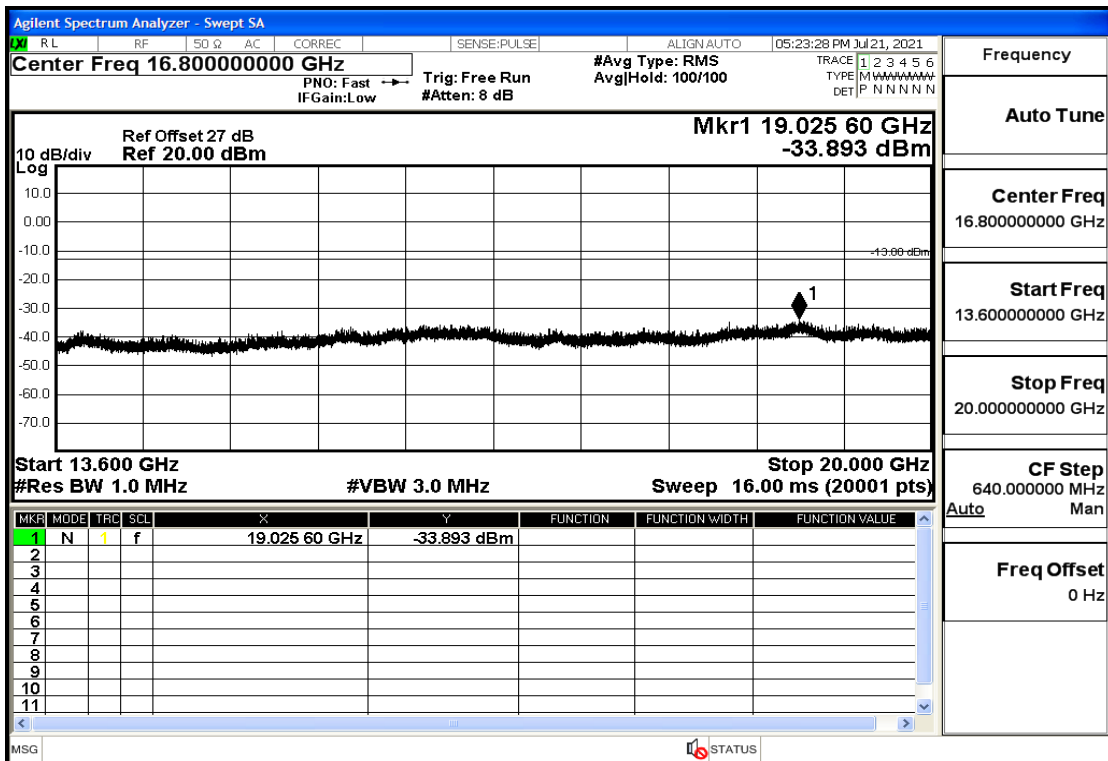




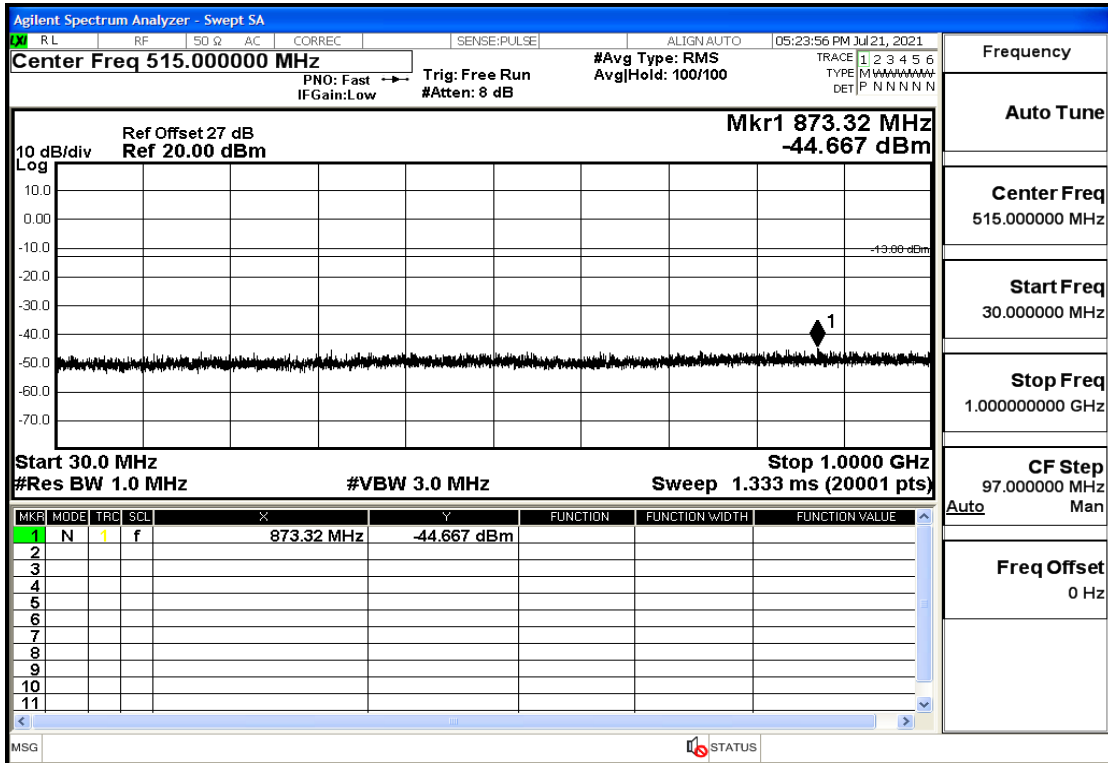
OB2-1.4-1880-QPSK-6#LOW@7GHz-13.6GHz@Pass



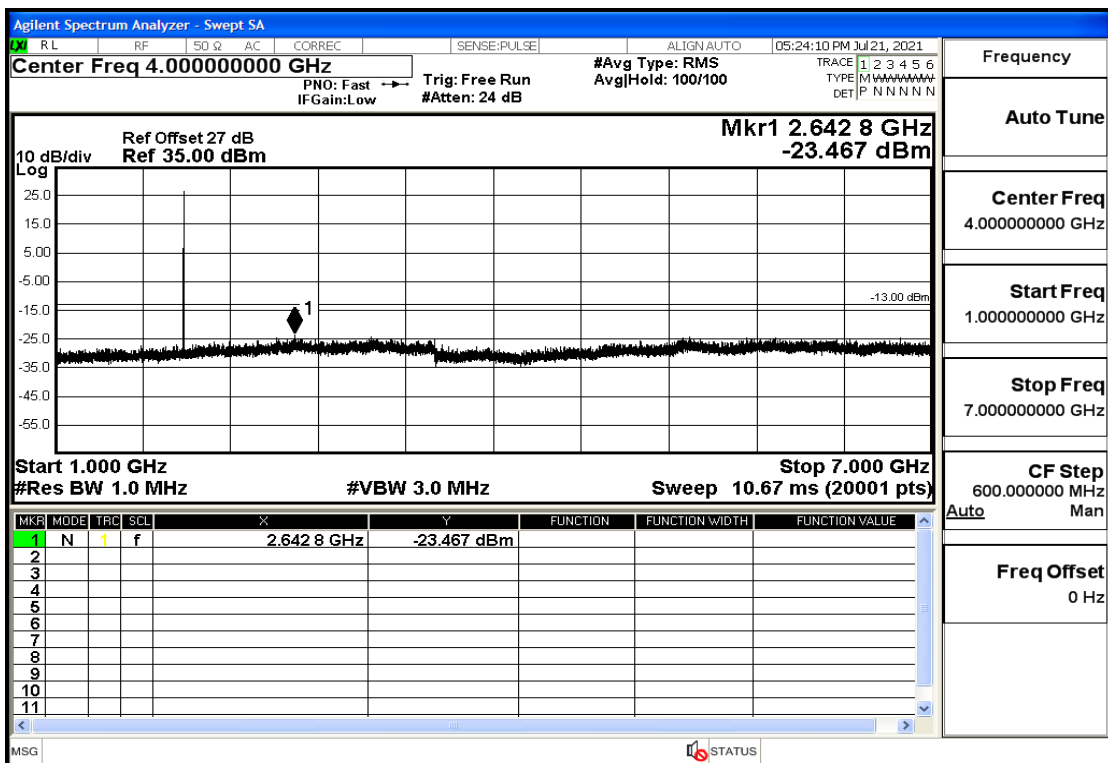
OB2-1.4-1880-QPSK-6#LOW@13.6GHz-20GHz@Pass



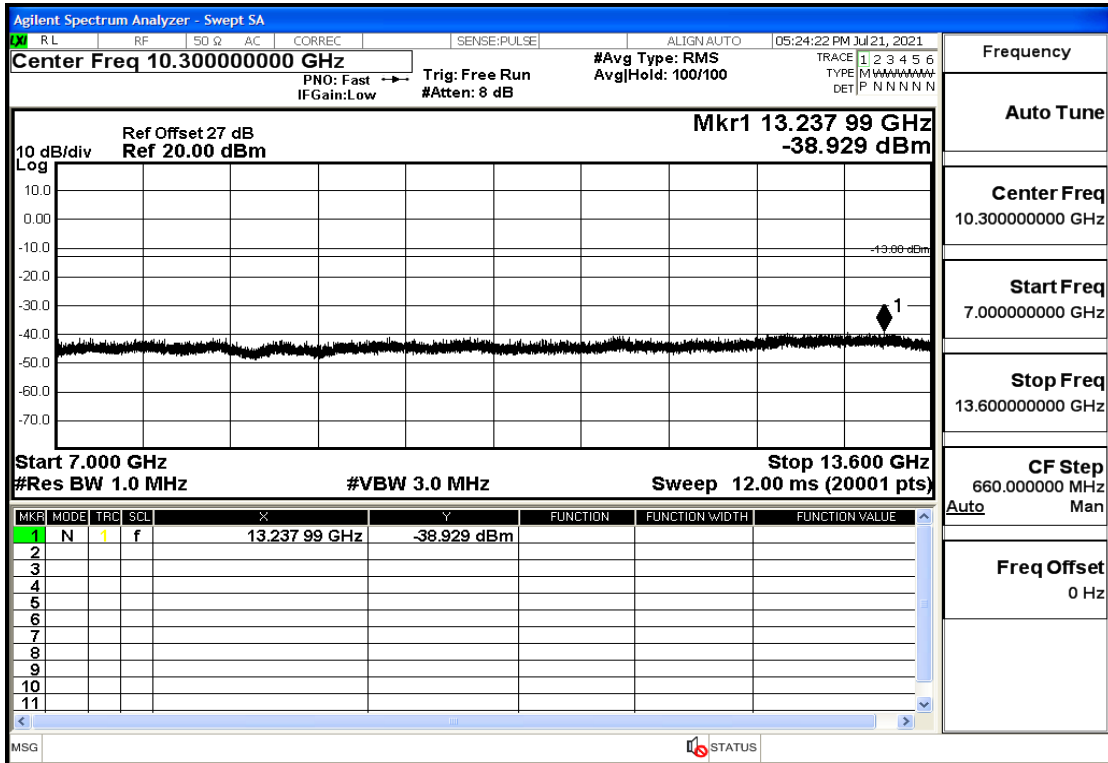
OB2-1.4-1880-QPSK-1#LOW@30mHz-1GHz@Pass



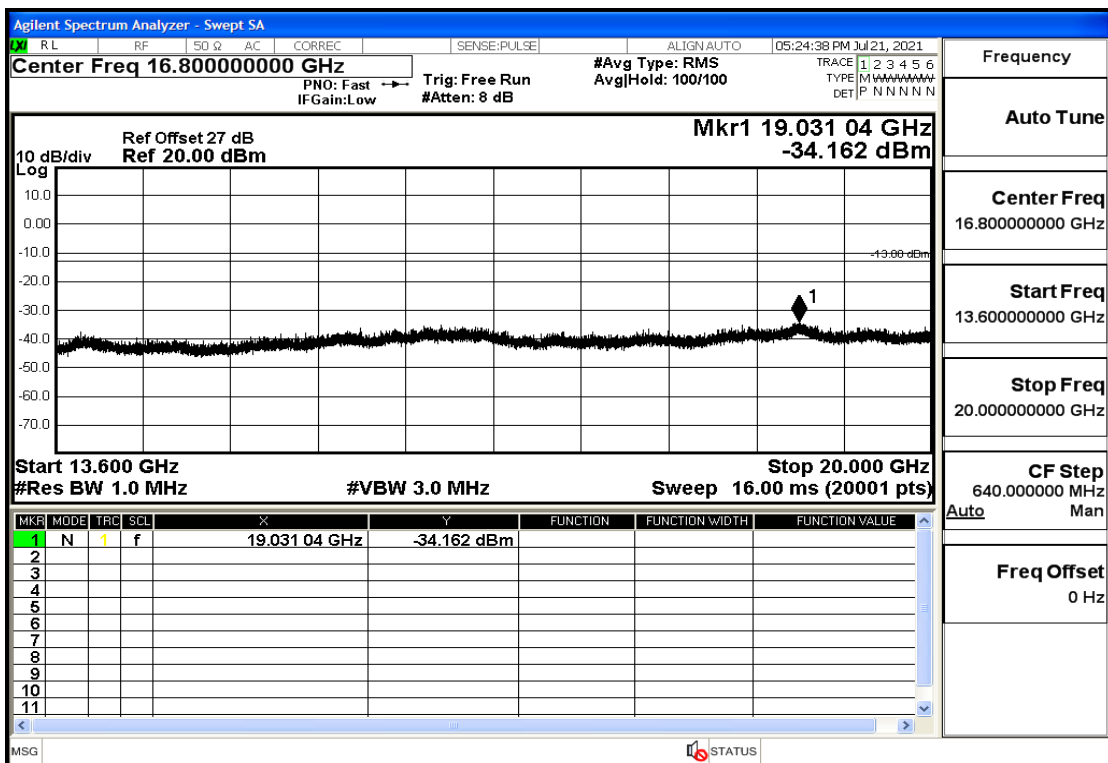
OB2-1.4-1880-QPSK-1#LOW@1GHz-7GHz@Pass



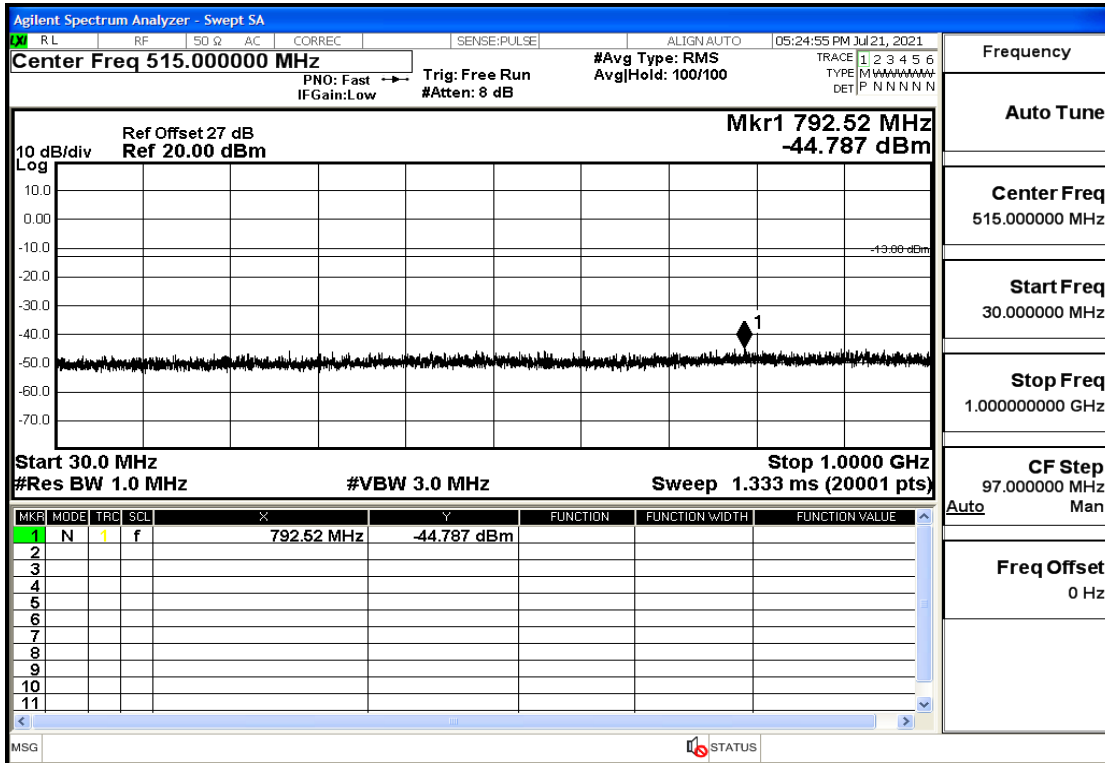
OB2-1.4-1880-QPSK-1#LOW@7GHz-13.6GHz@Pass



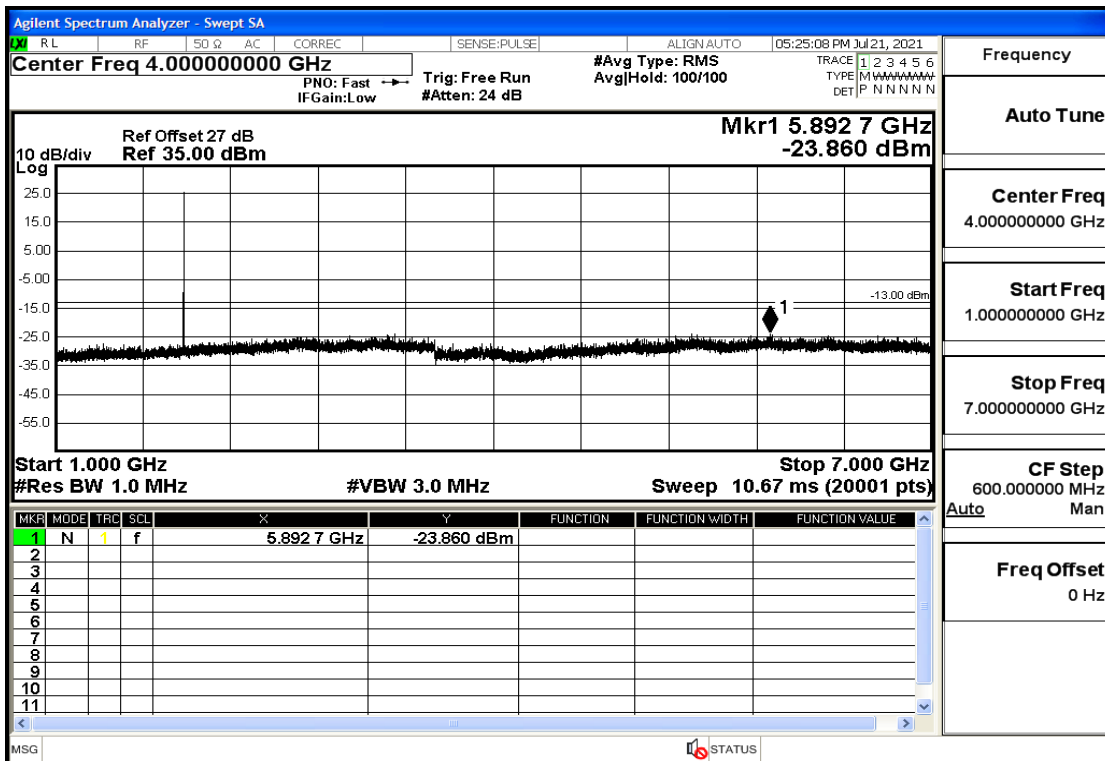
OB2-1.4-1880-QPSK-1#LOW@13.6GHz-20GHz@Pass



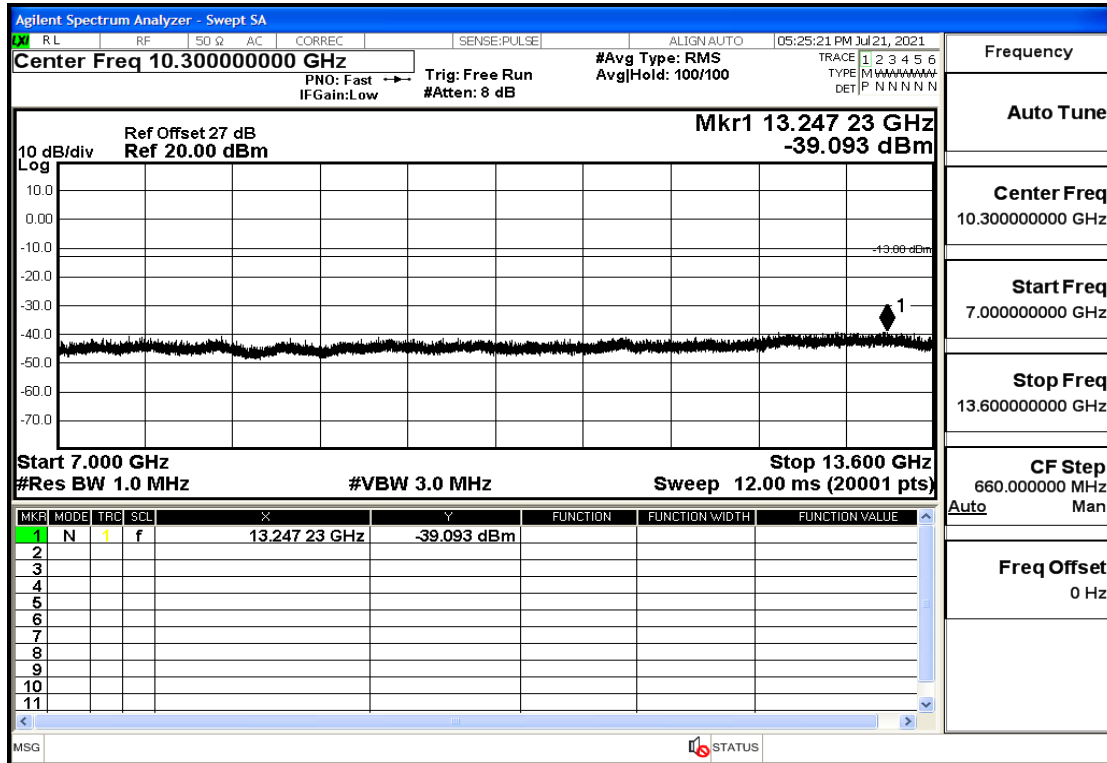
OB2-1.4-1880-QPSK-1#HIGH@30mHz-1GHz@Pass



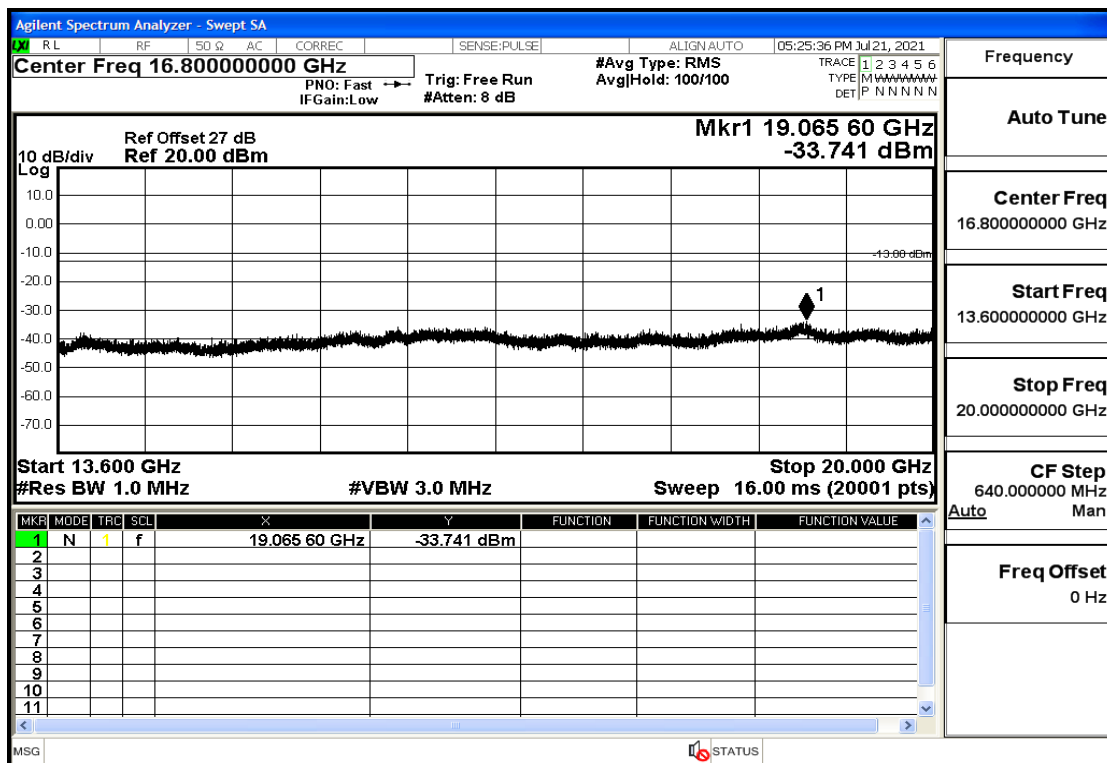
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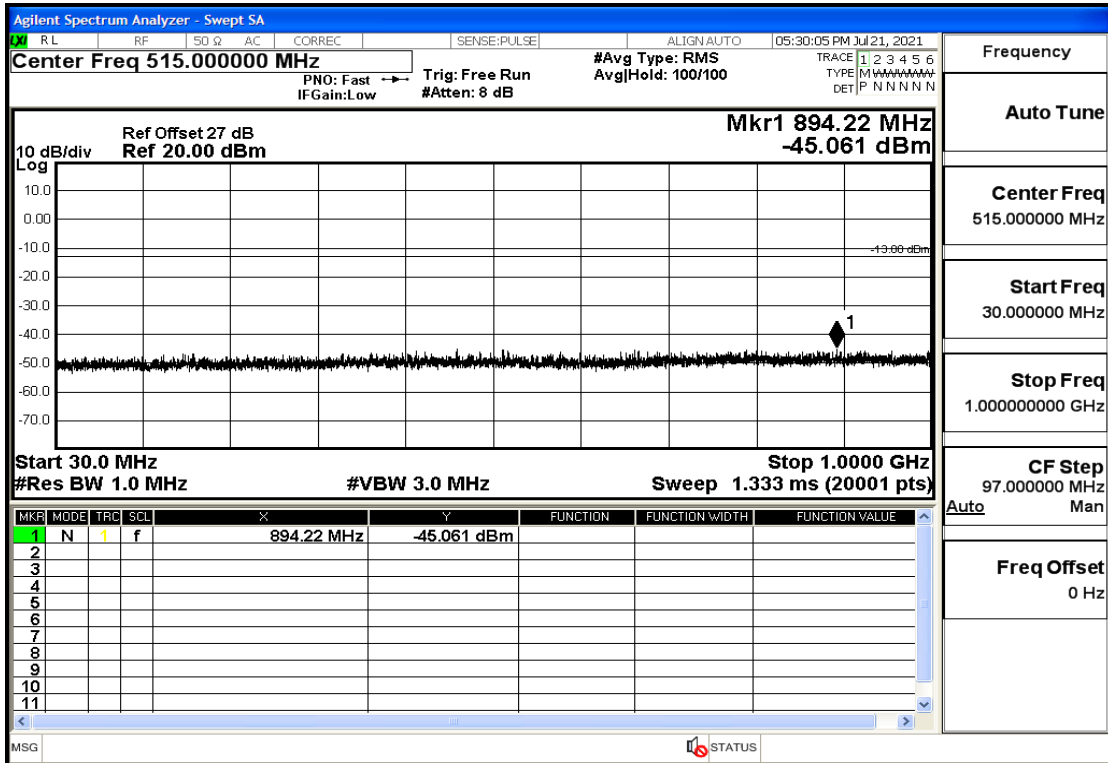
OB2-1.4-1880-QPSK-1#HIGH@7GHz-13.6GHz@Pass



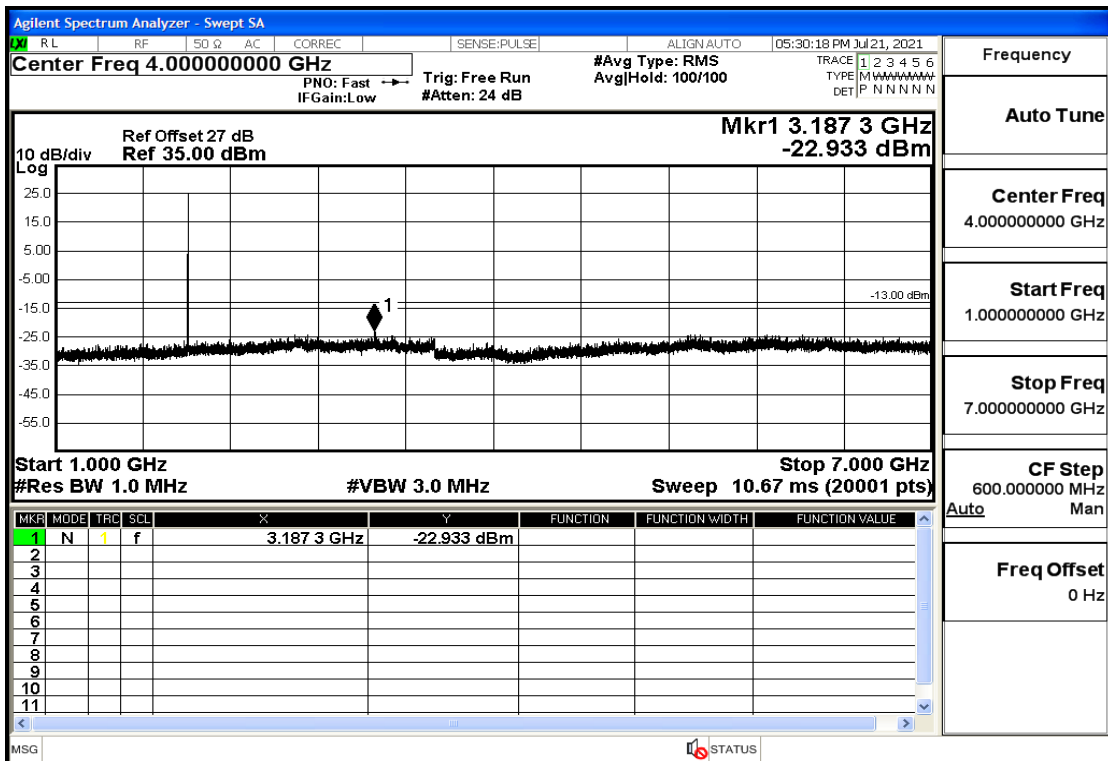
OB2-1.4-1880-QPSK-1#HIGH@13.6GHz-20GHz@Pass



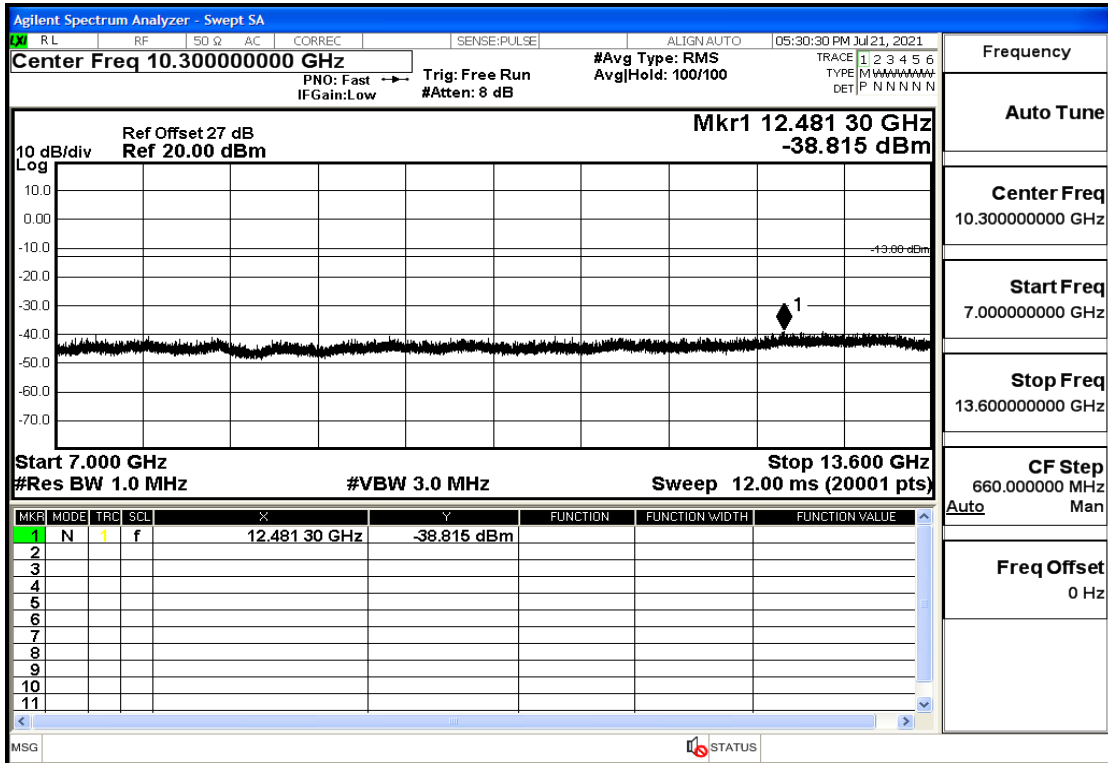
OB2-1.4-1909.3-QPSK-6#LOW@30mHz-1GHz@Pass



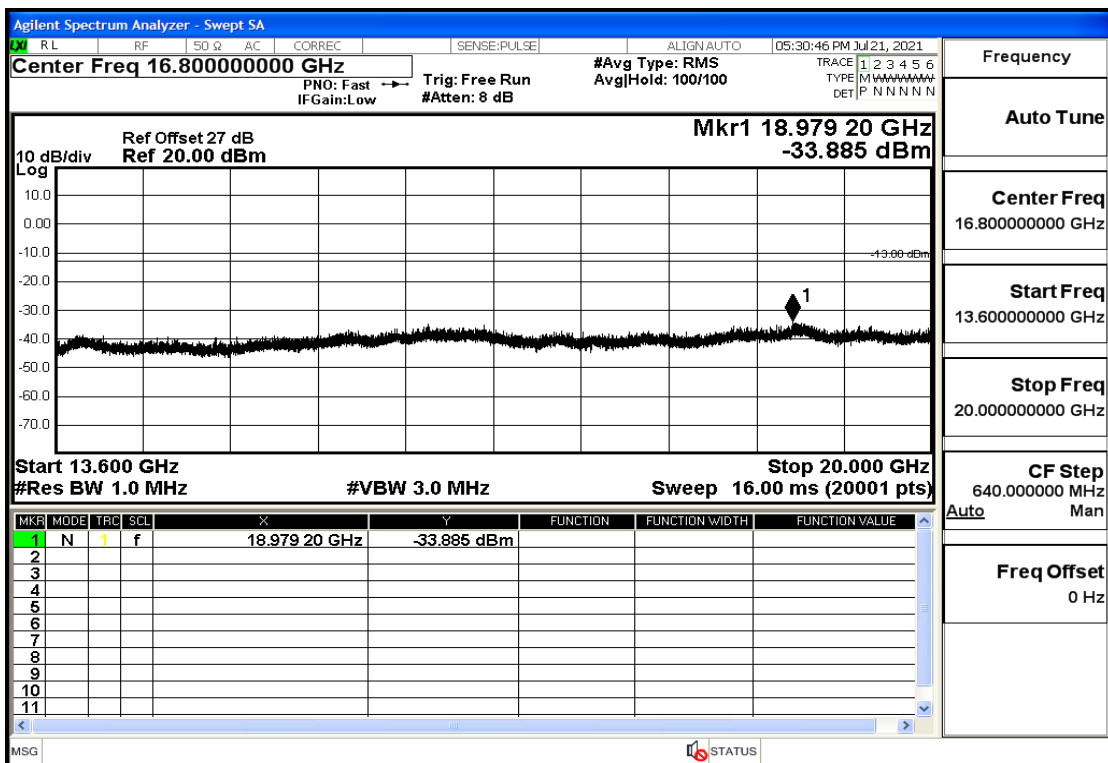
OB2-1.4-1909.3-QPSK-6#LOW@1GHz-7GHz@Pass



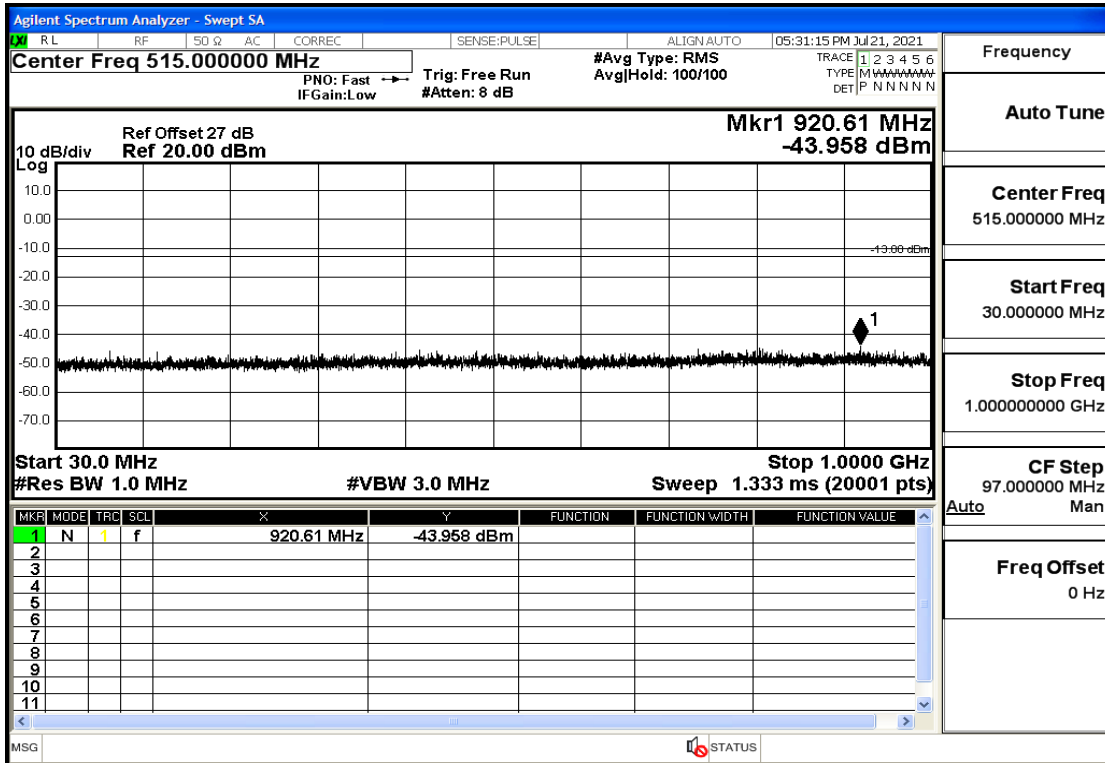
OB2-1.4-1909.3-QPSK-6#LOW@7GHz-13.6GHz@Pass



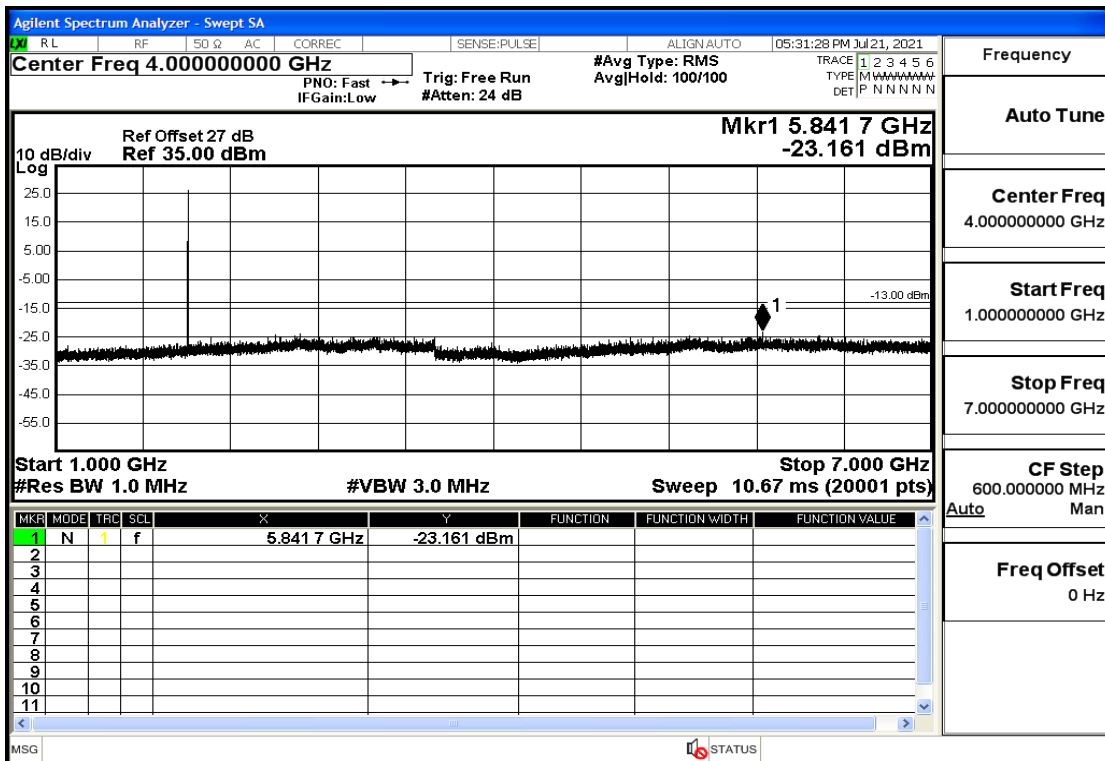
OB2-1.4-1909.3-QPSK-6#LOW@13.6GHz-20GHz@Pass



OB2-1.4-1909.3-QPSK-1#LOW@30mHz-1GHz@Pass

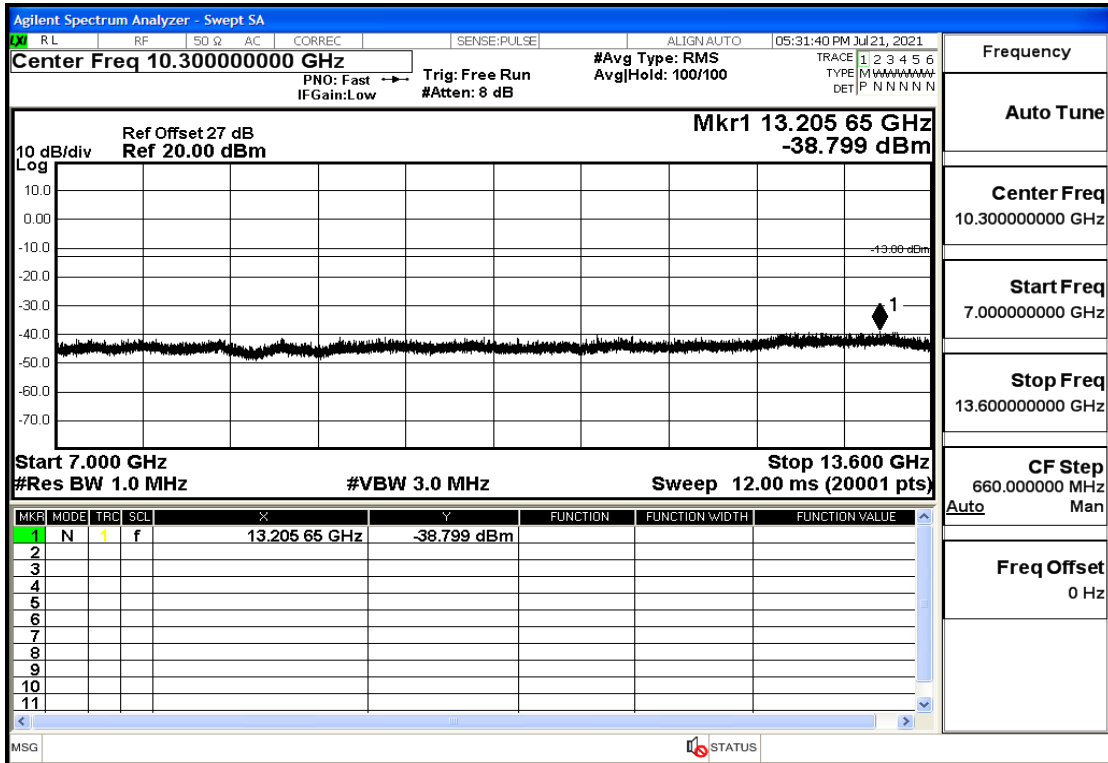


OB2-1.4-1909.3-QPSK-1#LOW@1GHz-7GHz@Pass

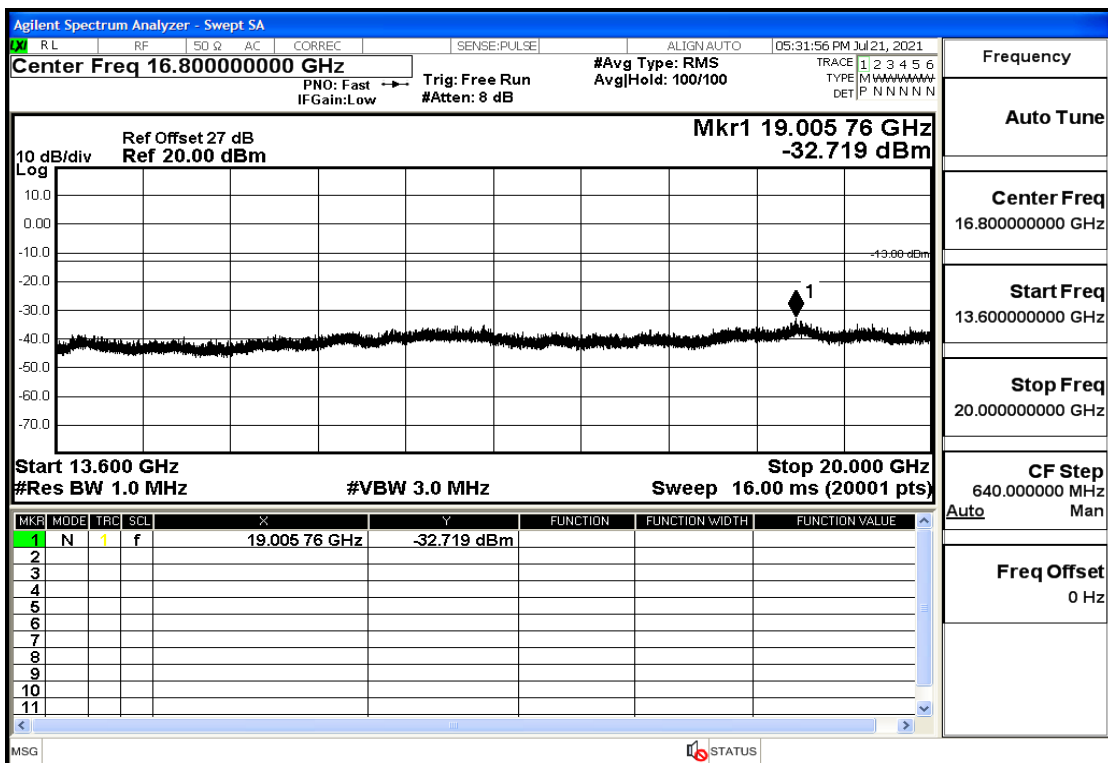




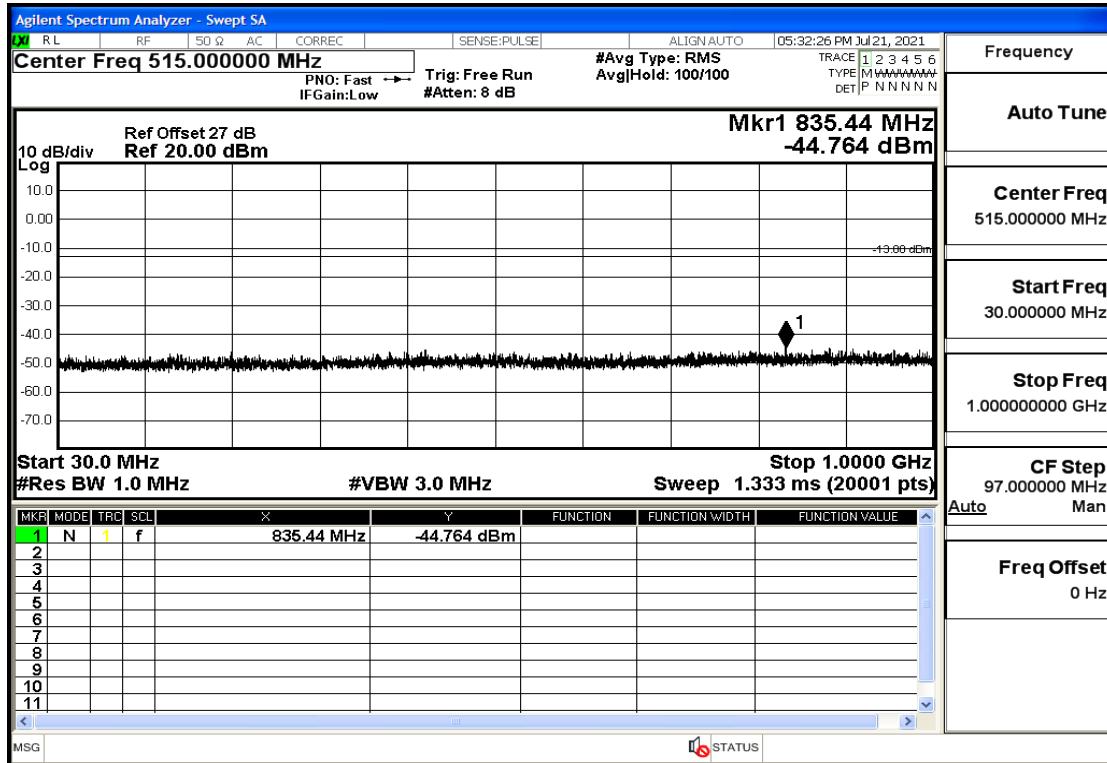
OB2-1.4-1909.3-QPSK-1#LOW@7GHz-13.6GHz@Pass



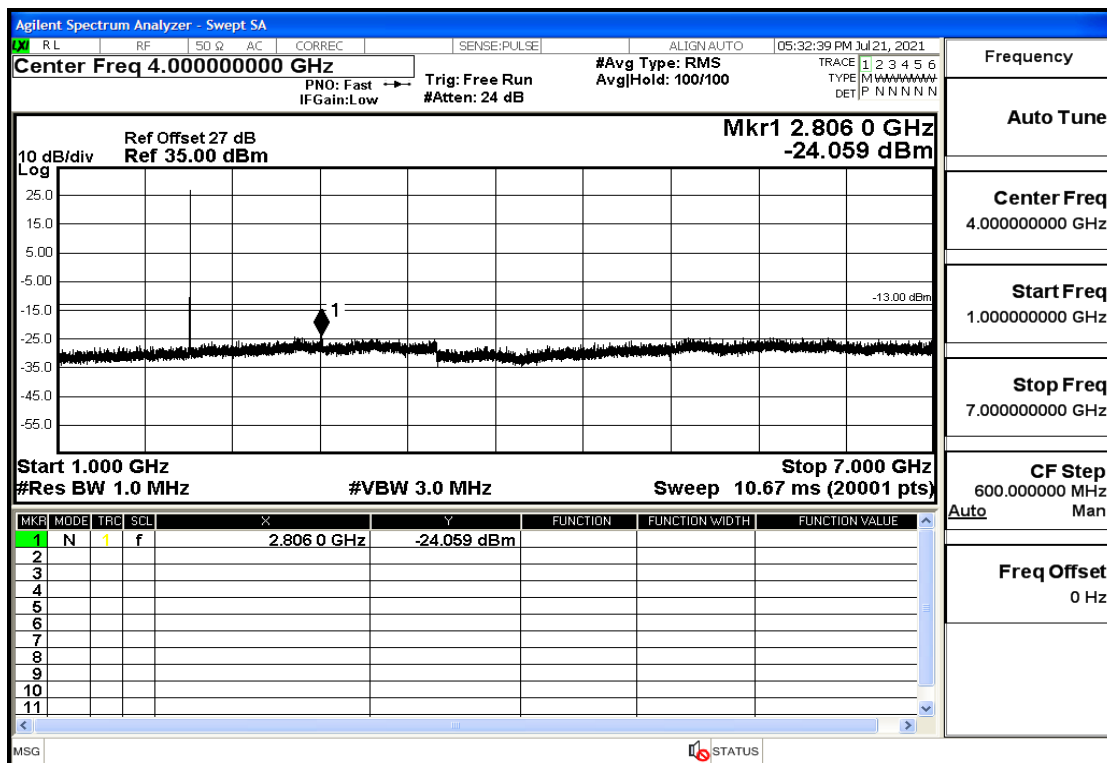
OB2-1.4-1909.3-QPSK-1#LOW@13.6GHz-20GHz@Pass



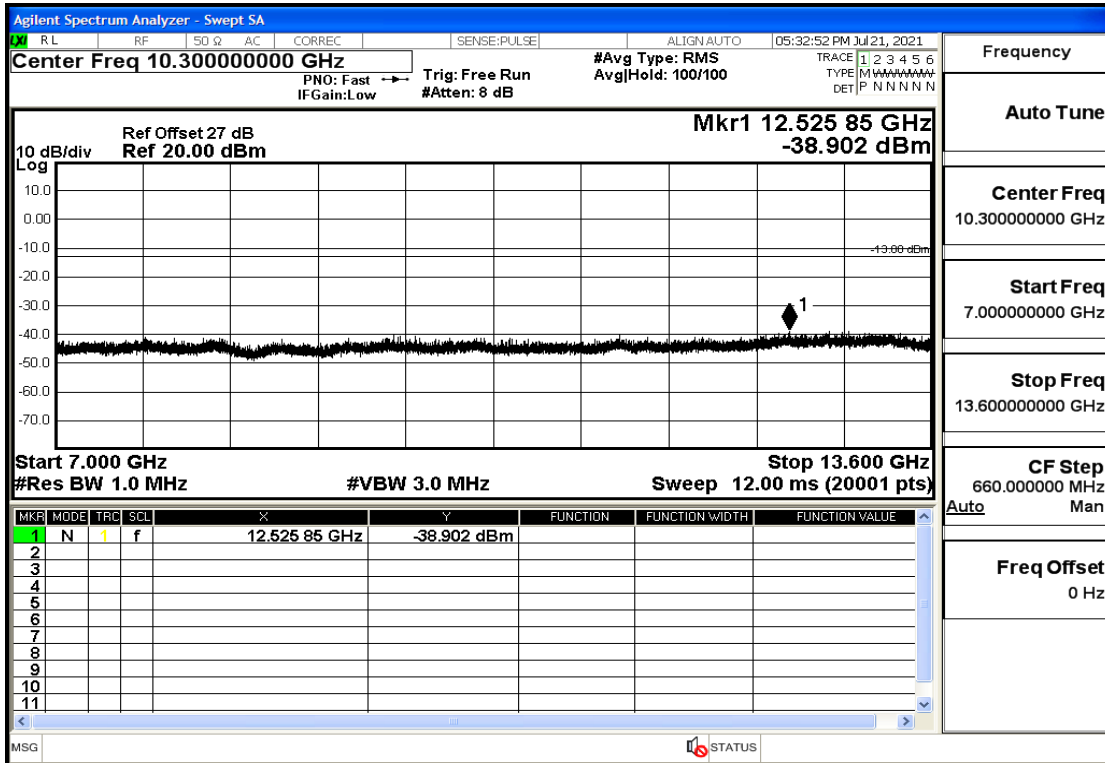
OB2-1.4-1909.3-QPSK-1#HIGH@30mHz-1GHz@Pass



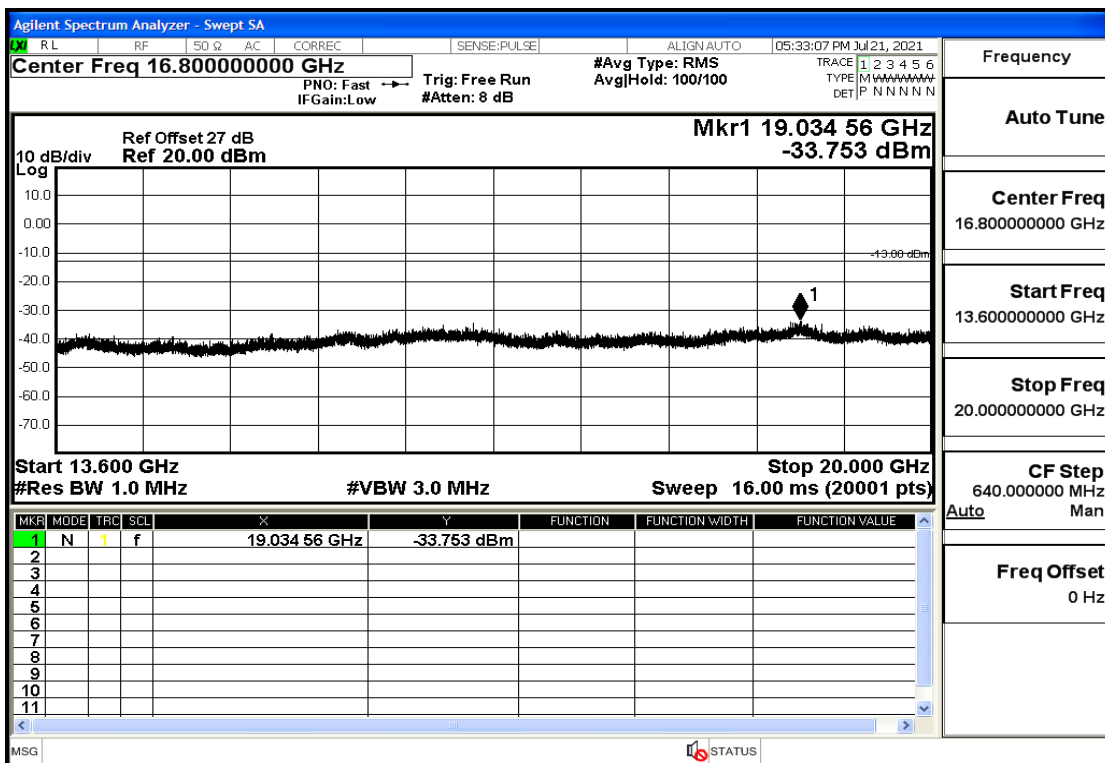
OB2-1.4-1909.3-QPSK-1#HIGH@1GHz-7GHz@Pass



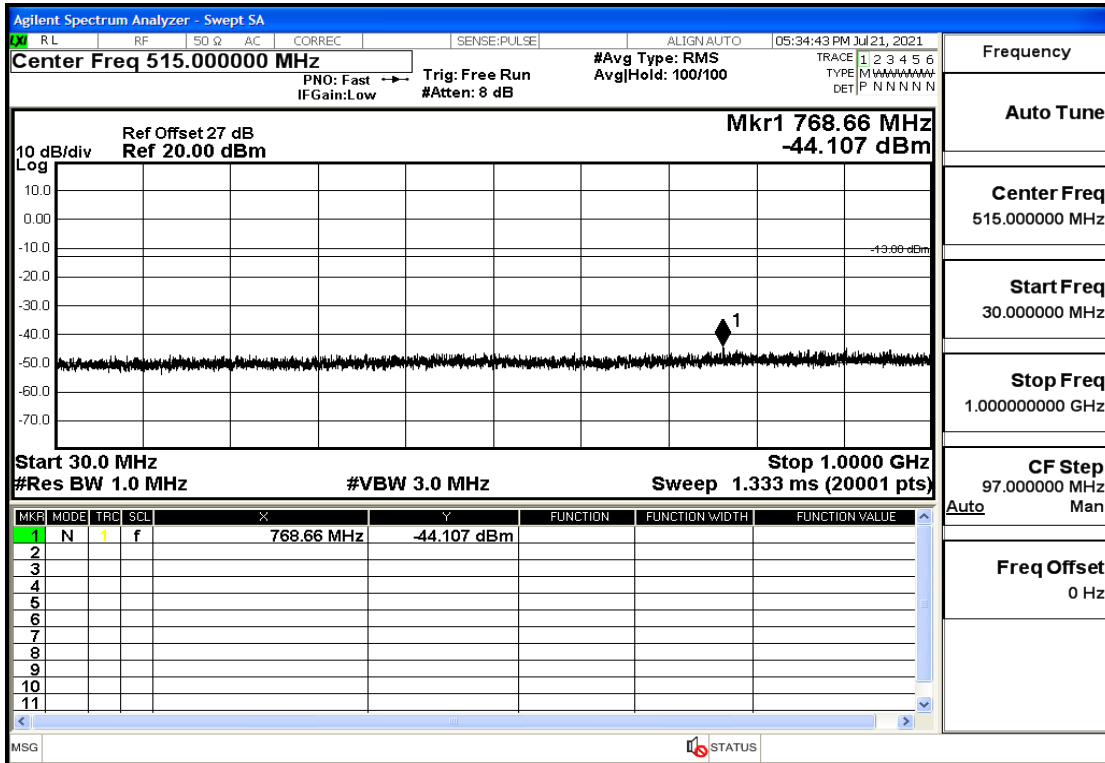
OB2-1.4-1909.3-QPSK-1#HIGH@7GHz-13.6GHz@Pass



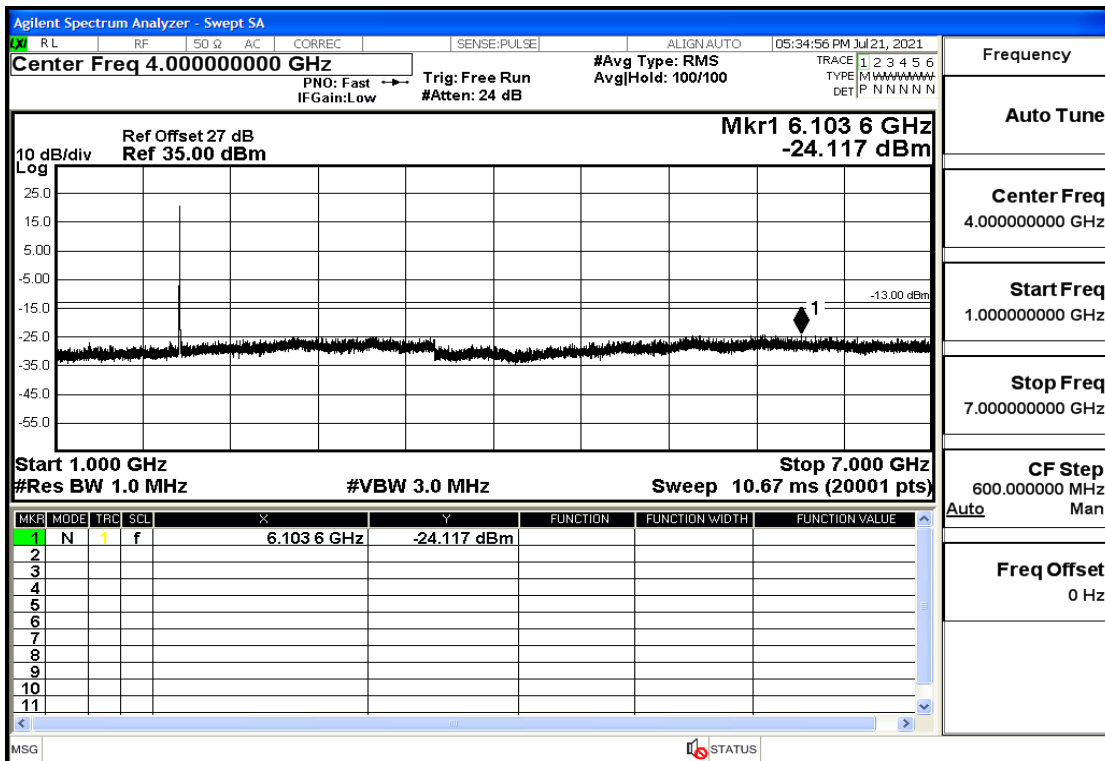
OB2-1.4-1909.3-QPSK-1#HIGH@13.6GHz-20GHz@Pass



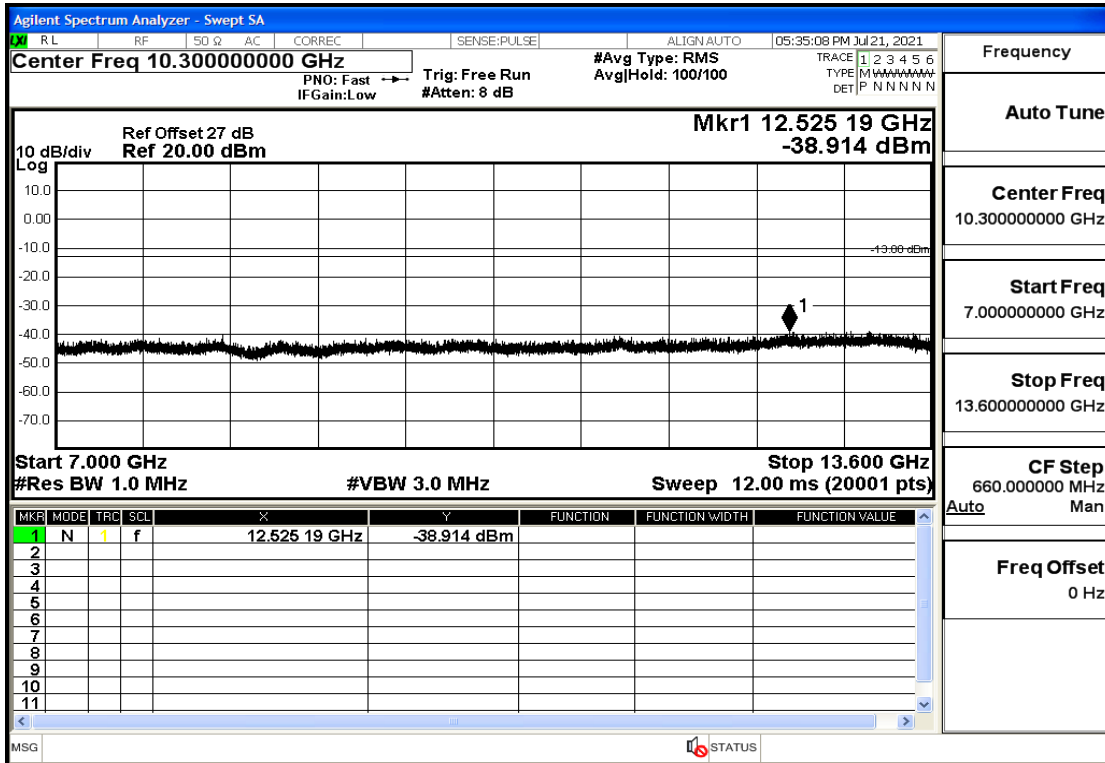
OB2-3-1851.5-QPSK-15#LOW@30mHz-1GHz@Pass



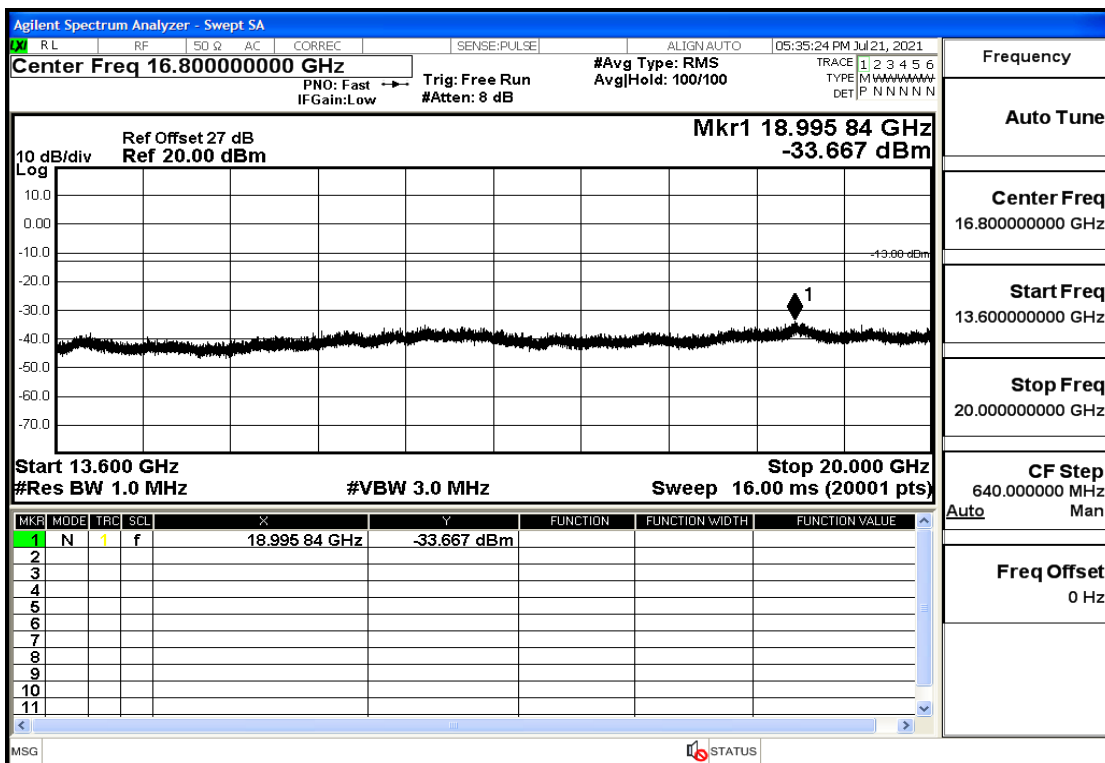
OB2-3-1851.5-QPSK-15#LOW@1GHz-7GHz@Pass



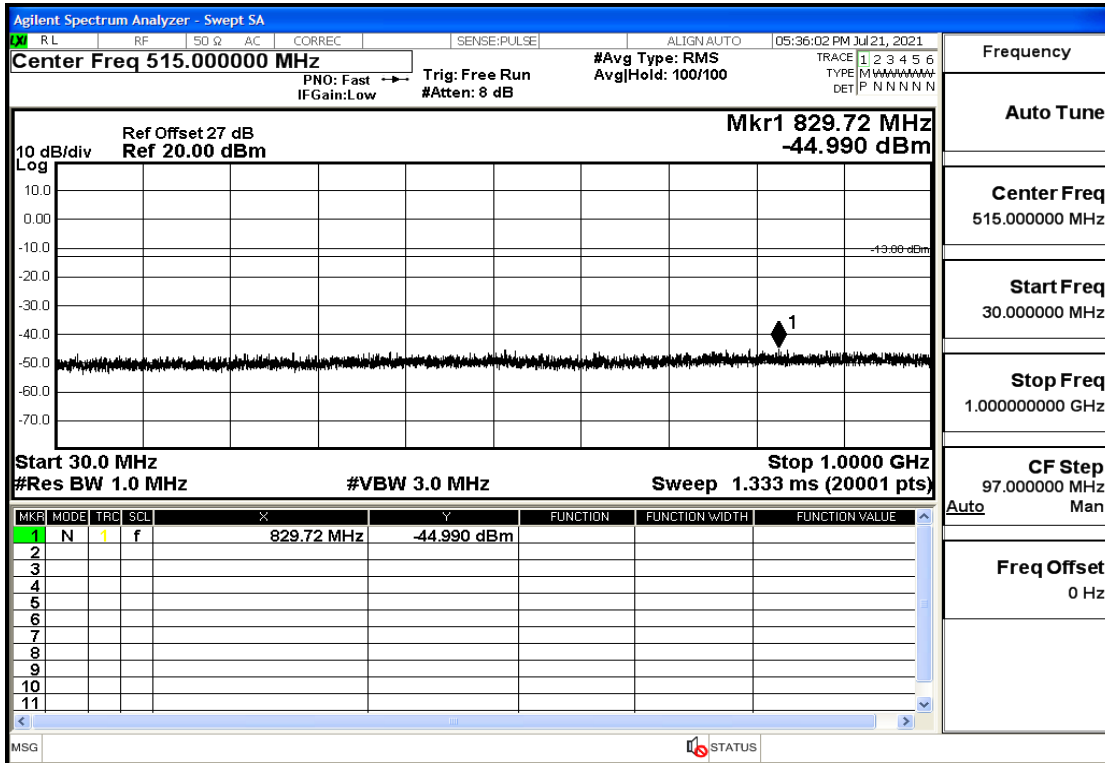
OB2-3-1851.5-QPSK-15#LOW@7GHz-13.6GHz@Pass



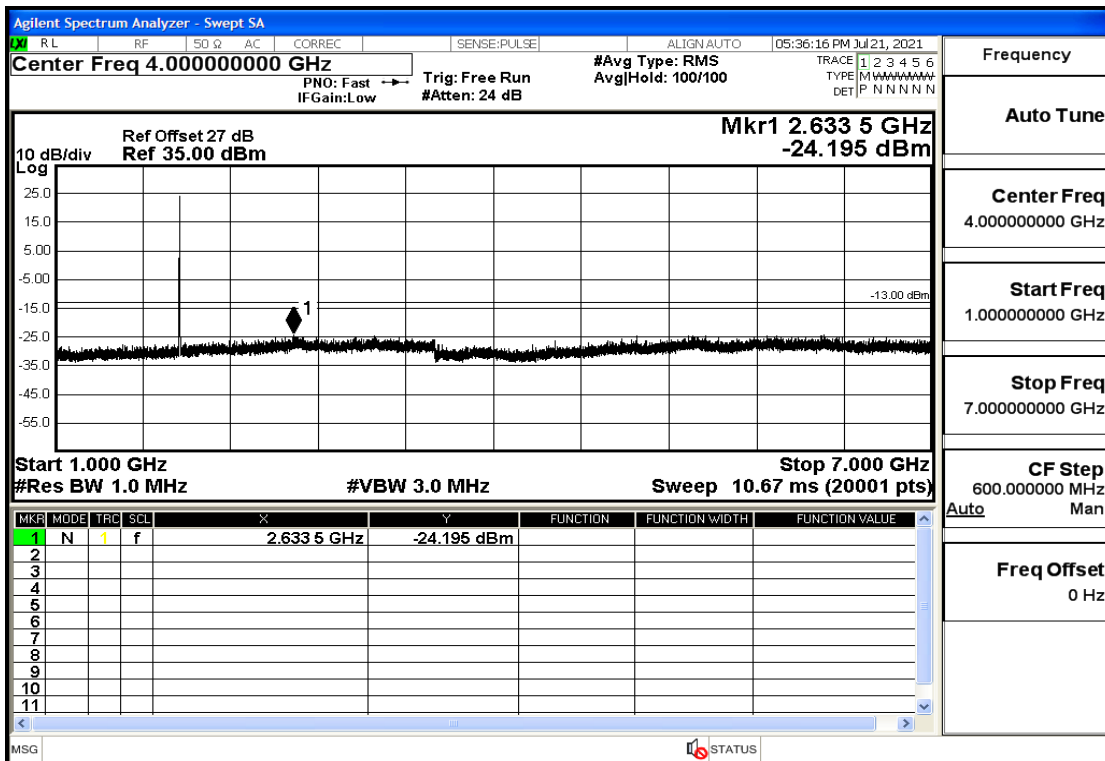
OB2-3-1851.5-QPSK-15#LOW@13.6GHz-20GHz@Pass



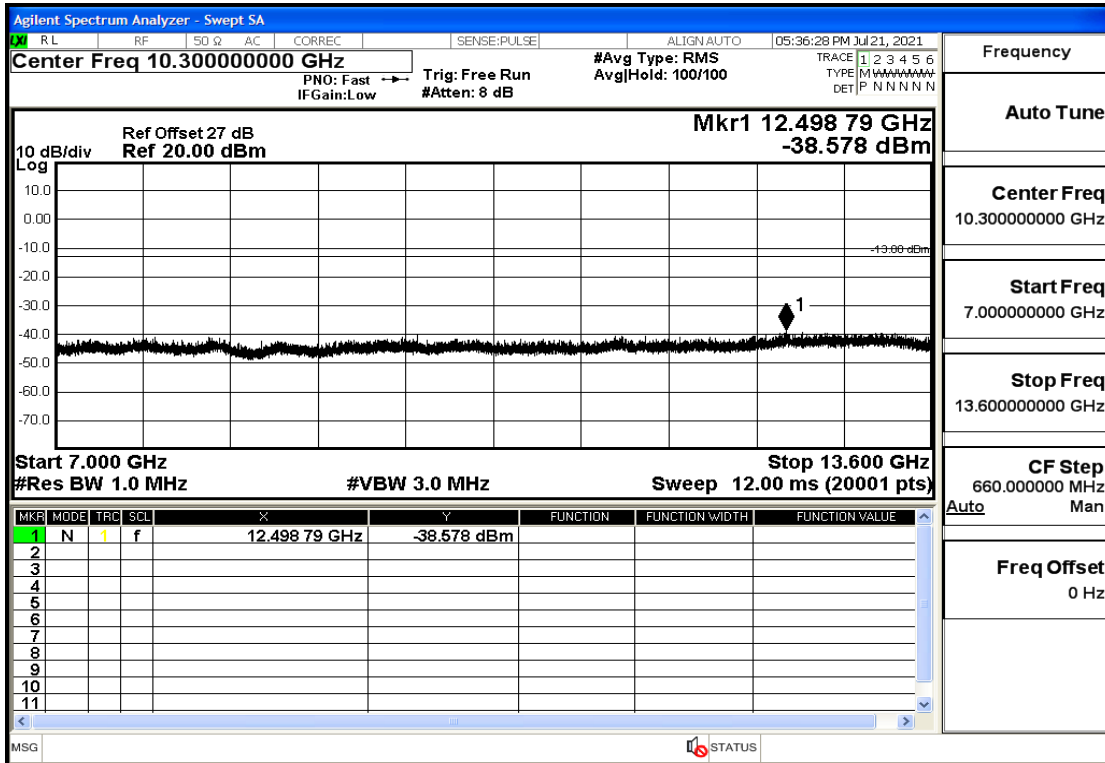
OB2-3-1851.5-QPSK-1#LOW@30mHz-1GHz@Pass



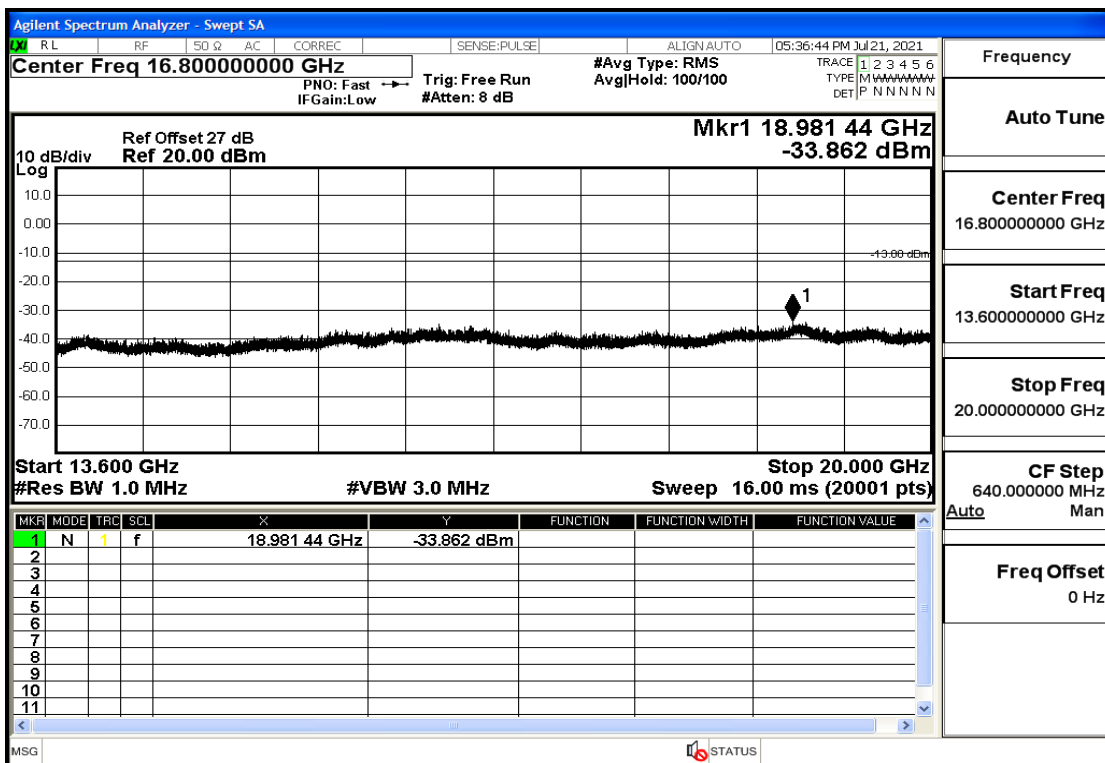
OB2-3-1851.5-QPSK-1#LOW@1GHz-7GHz@Pass



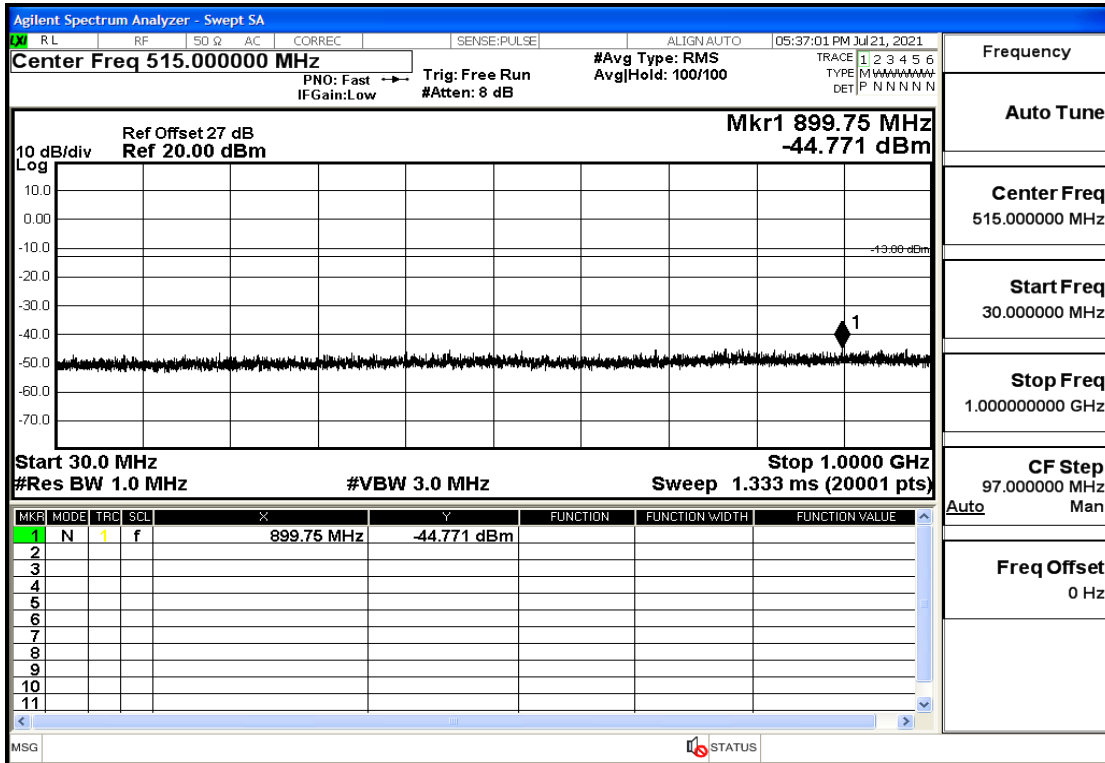
OB2-3-1851.5-QPSK-1#LOW@7GHz-13.6GHz@Pass



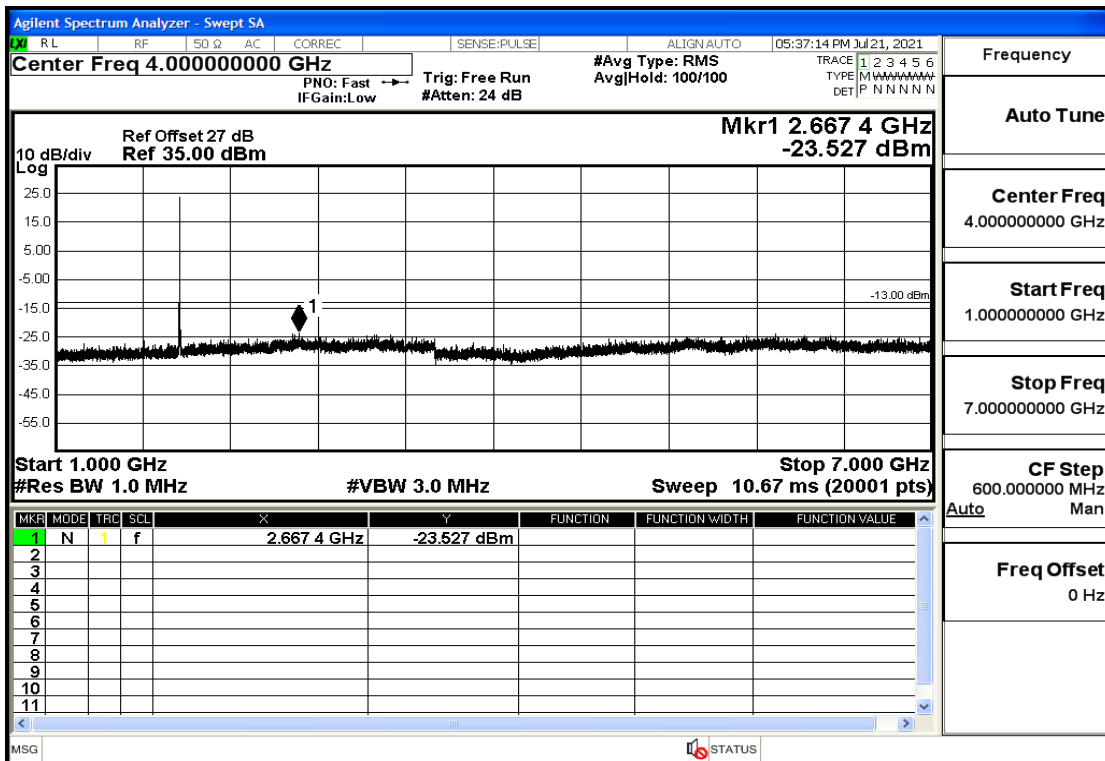
OB2-3-1851.5-QPSK-1#LOW@13.6GHz-20GHz@Pass



OB2-3-1851.5-QPSK-1#HIGH@30mHz-1GHz@Pass

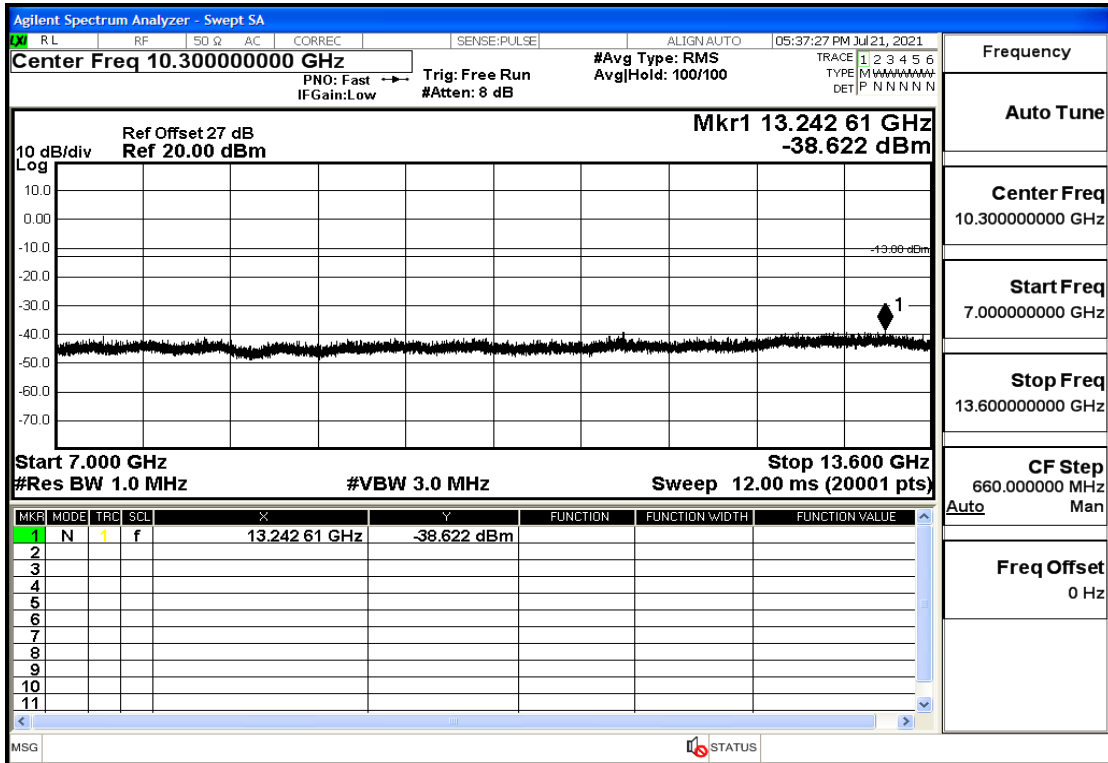


OB2-3-1851.5-QPSK-1#HIGH@1GHz-7GHz@Pass

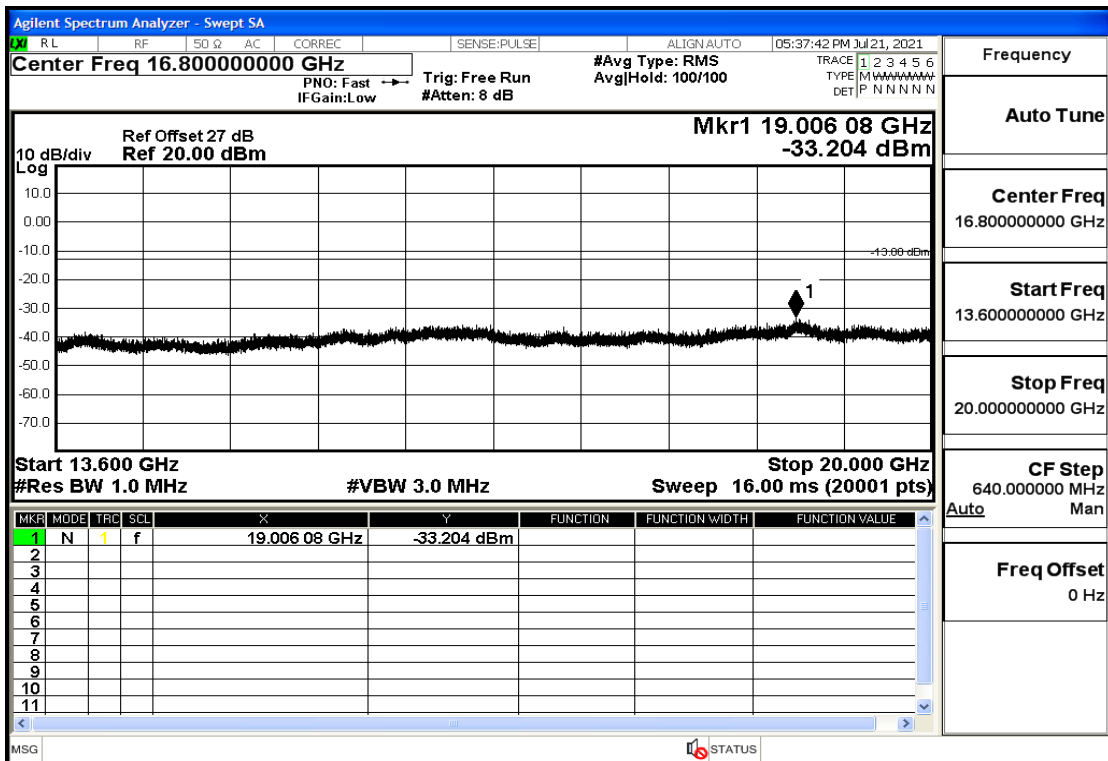




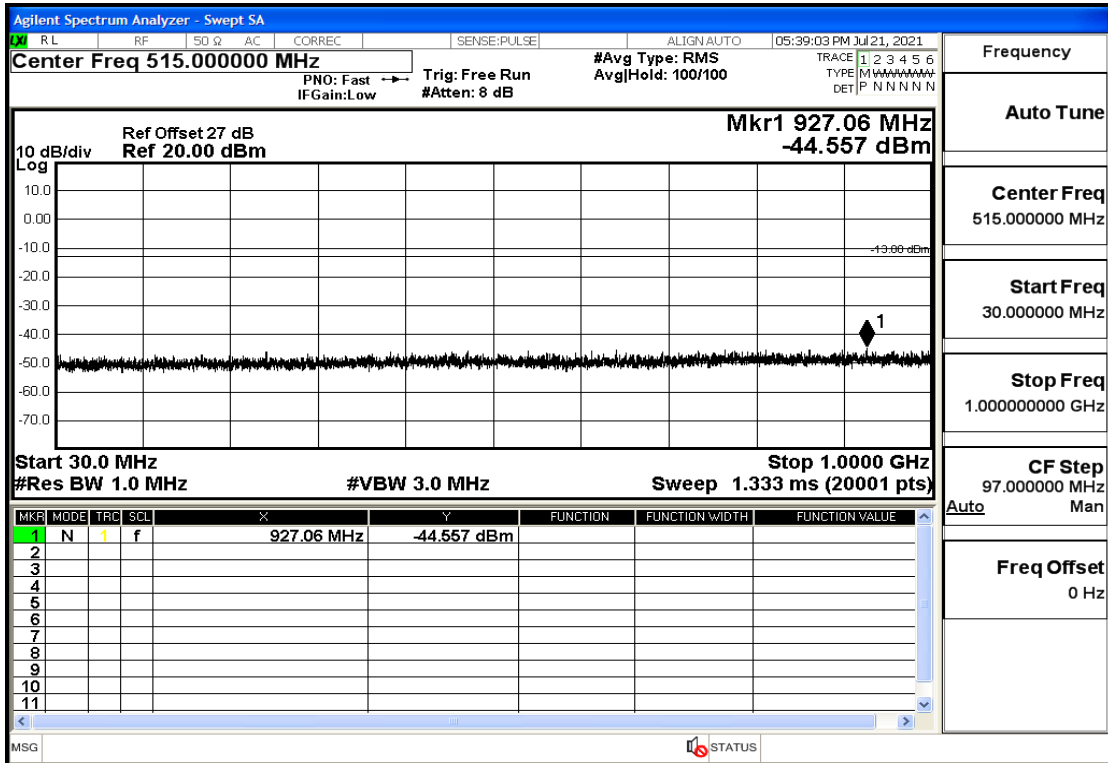
OB2-3-1851.5-QPSK-1#HIGH@7GHz-13.6GHz@Pass



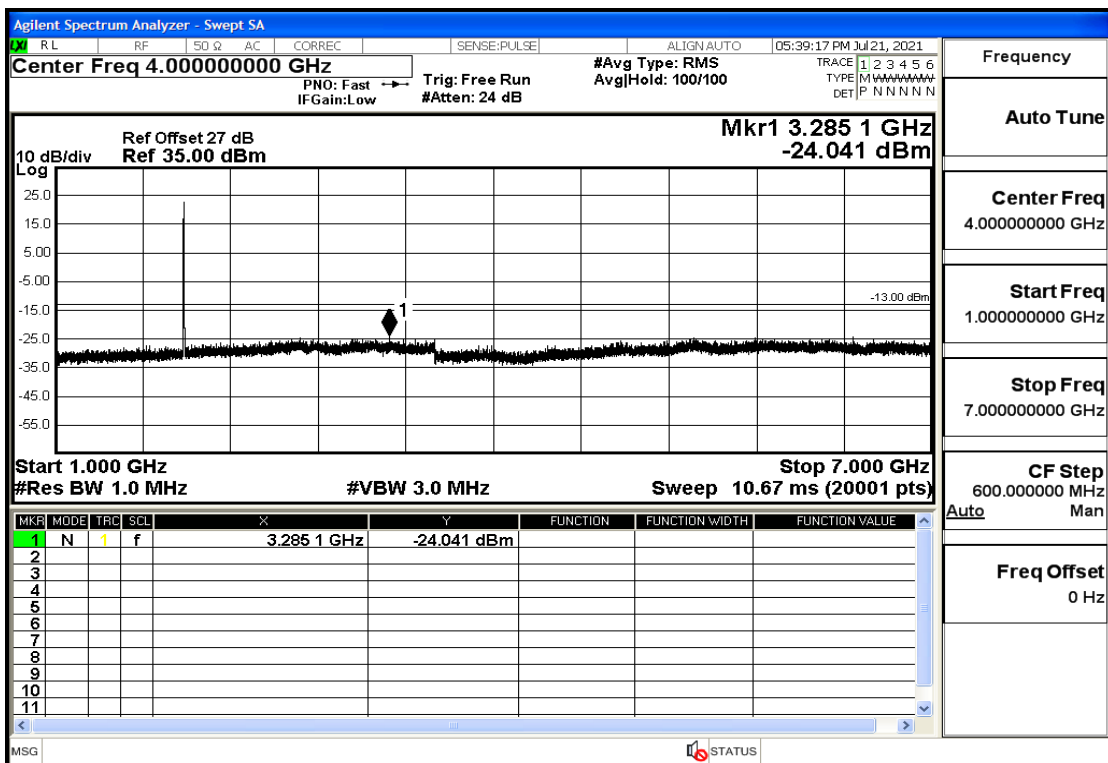
OB2-3-1851.5-QPSK-1#HIGH@13.6GHz-20GHz@Pass



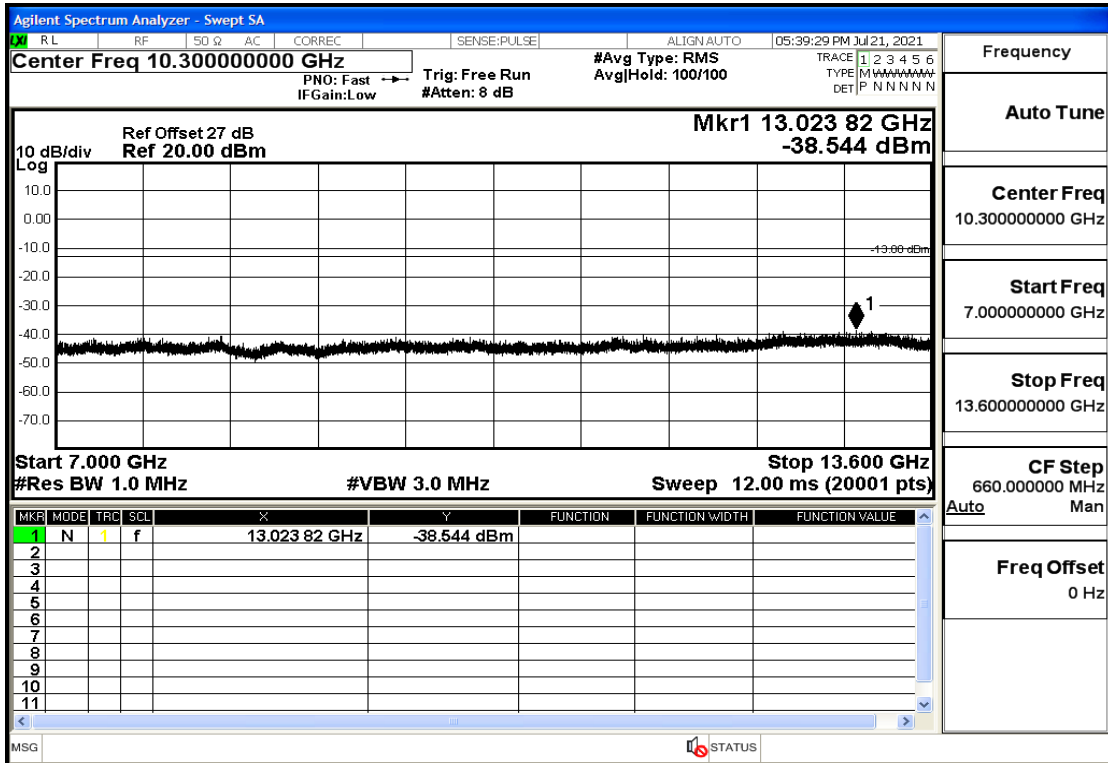
OB2-3-1880-QPSK-15#LOW@30mHz-1GHz@Pass



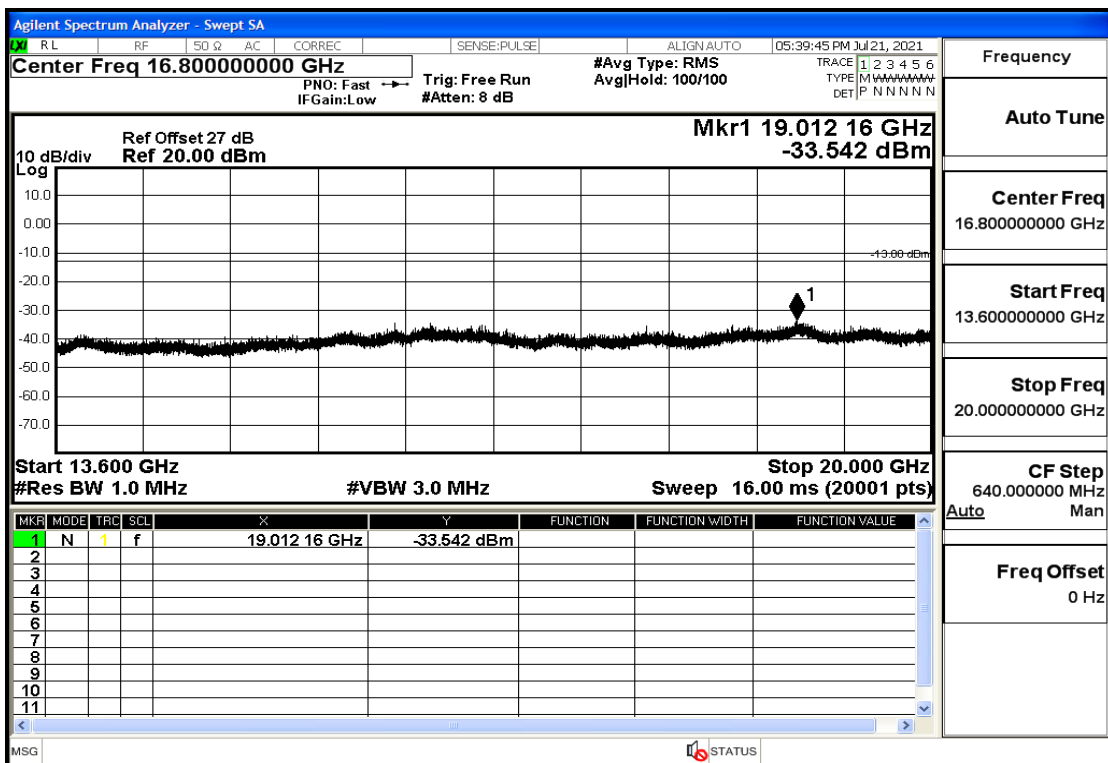
OB2-3-1880-QPSK-15#LOW@1GHz-7GHz@Pass



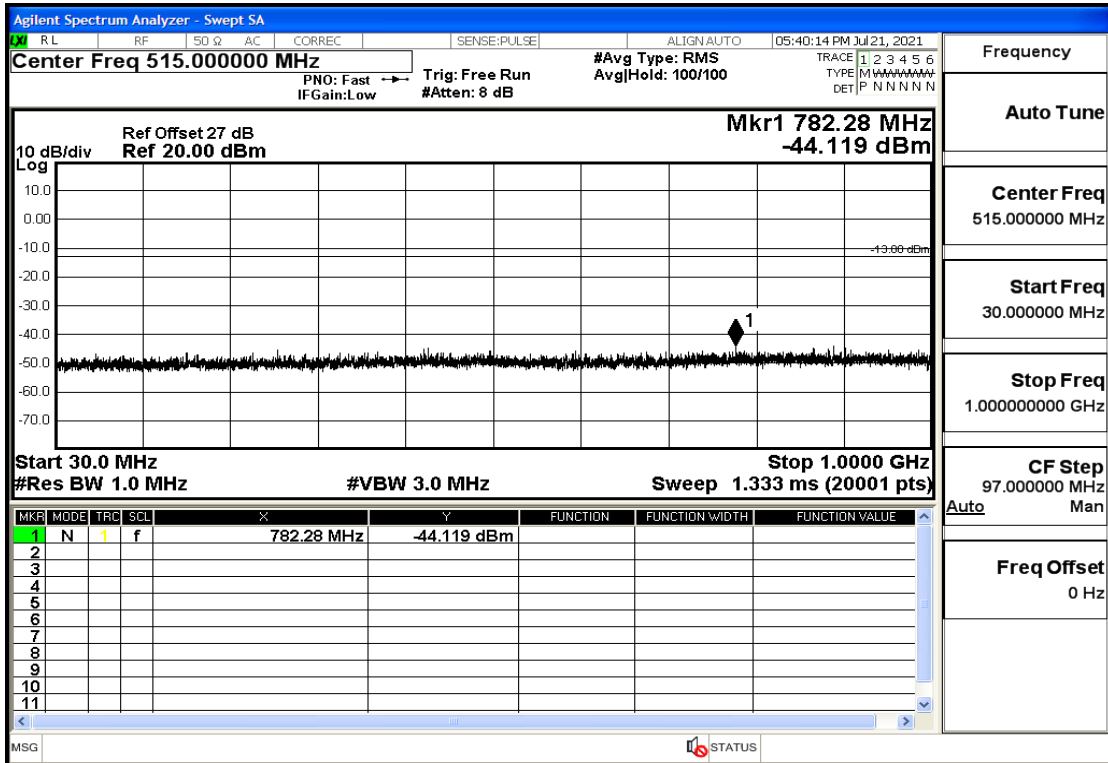
OB2-3-1880-QPSK-15#LOW@7GHz-13.6GHz@Pass



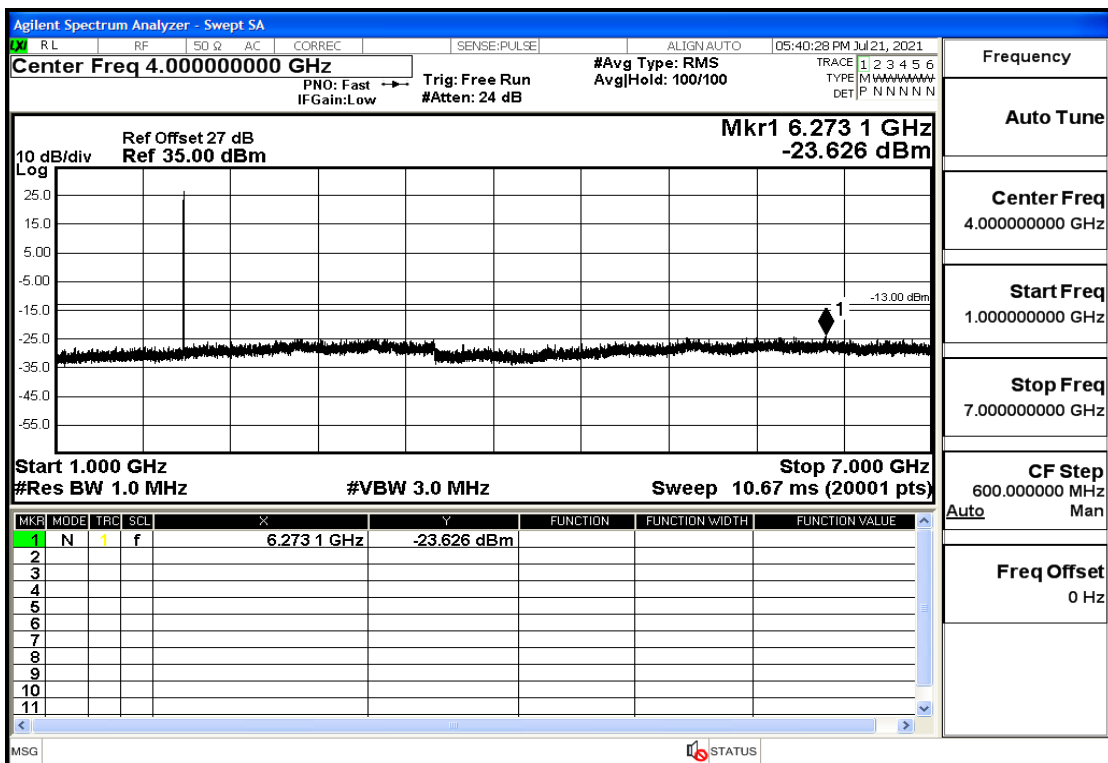
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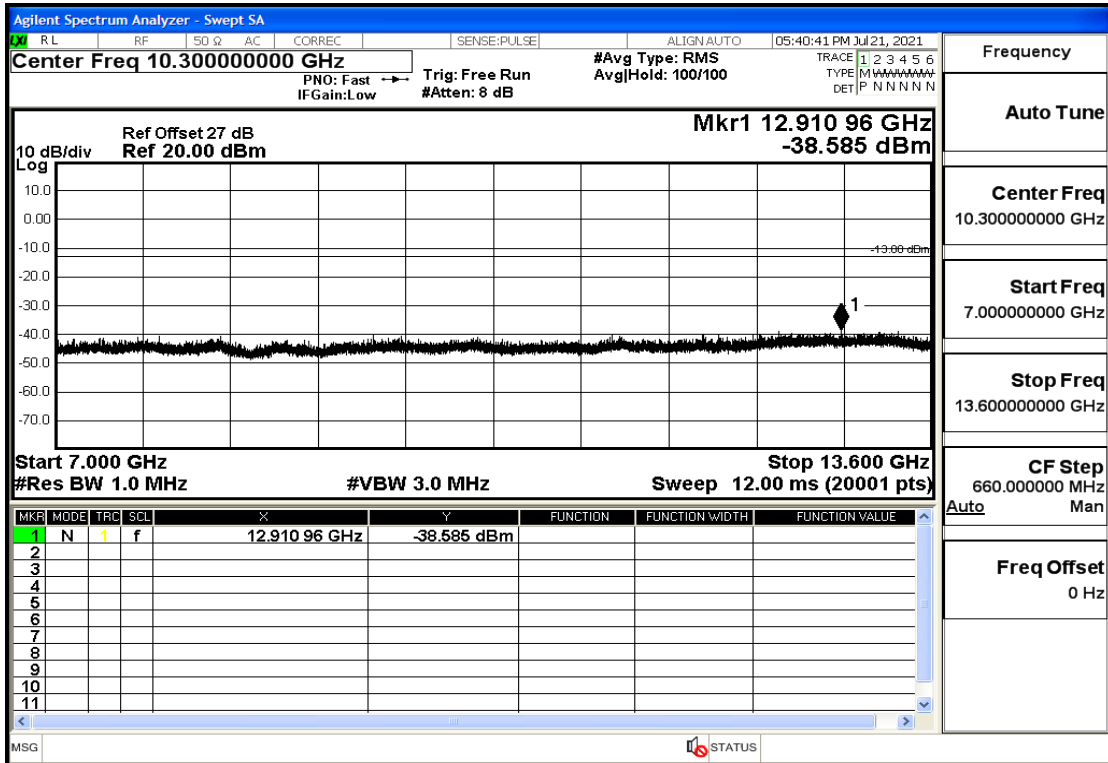
OB2-3-1880-QPSK-1#LOW@30mHz-1GHz@Pass



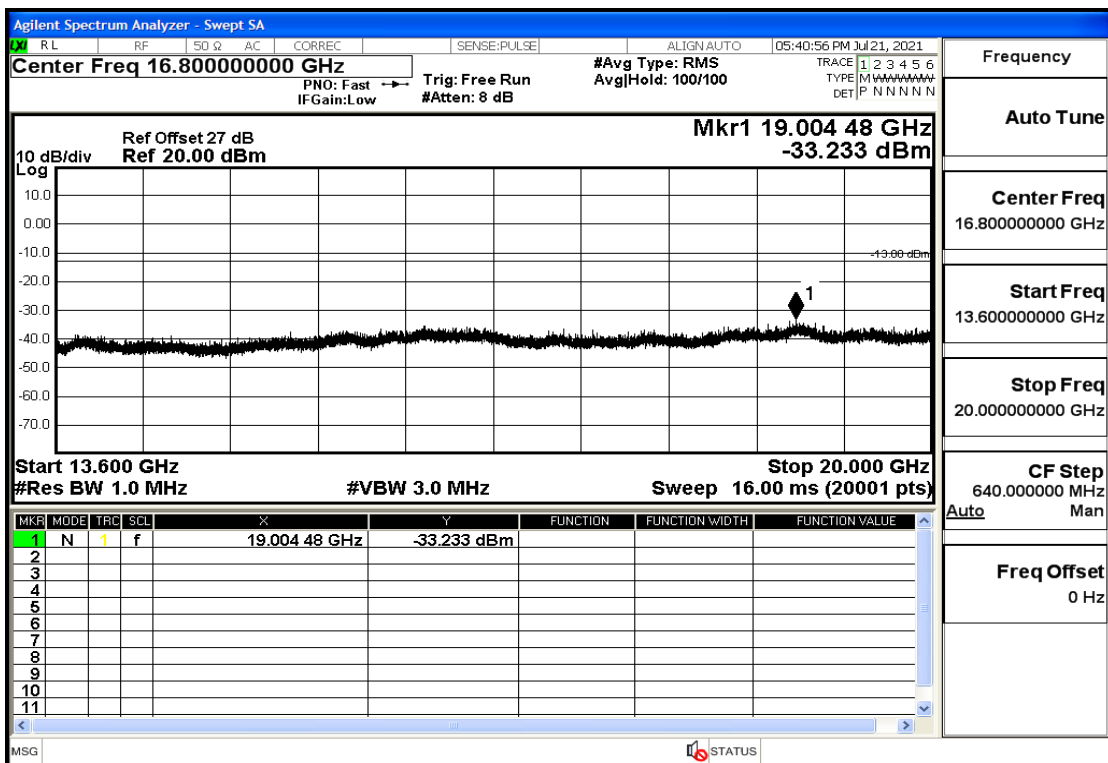
OB2-3-1880-QPSK-1#LOW@1GHz-7GHz@Pass



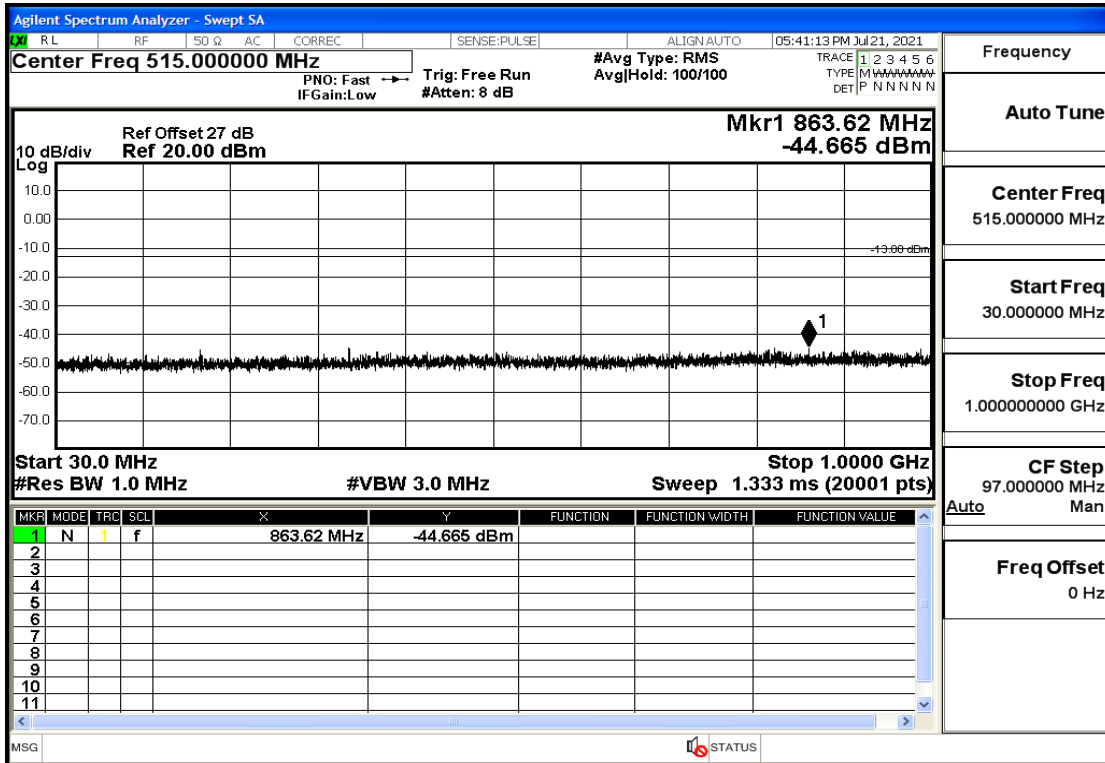
OB2-3-1880-QPSK-1#LOW@7GHz-13.6GHz@Pass



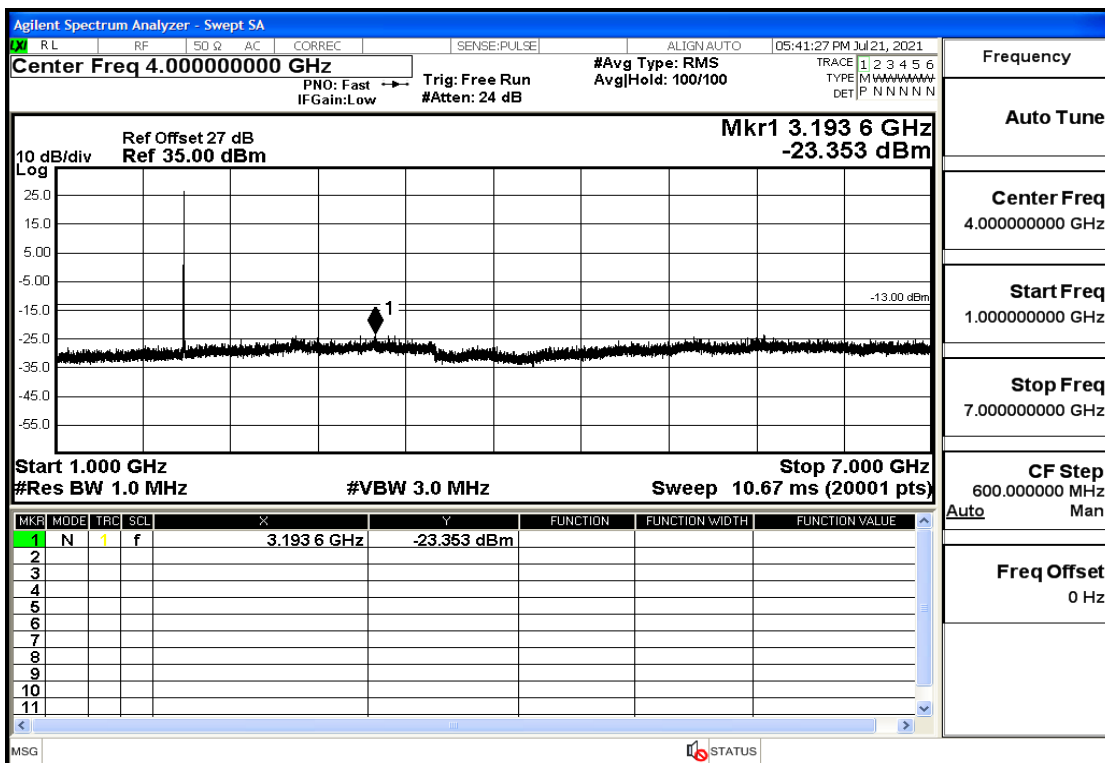
OB2-3-1880-QPSK-1#LOW@13.6GHz-20GHz@Pass



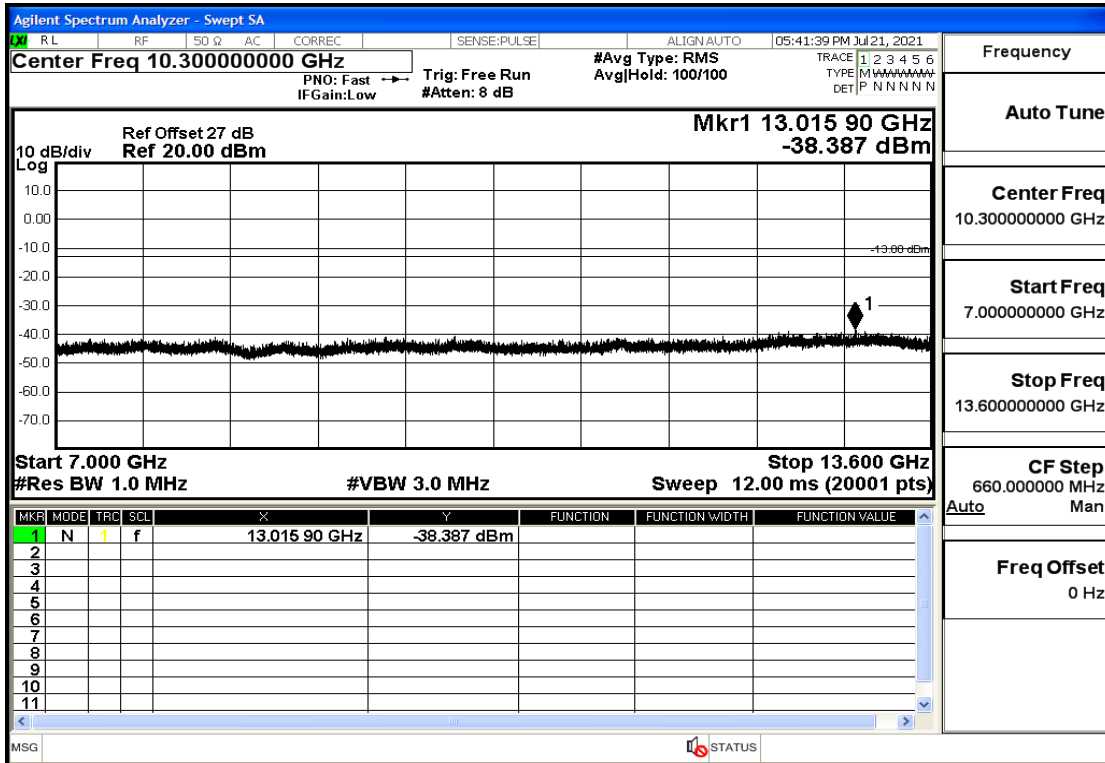
OB2-3-1880-QPSK-1#HIGH@30mHz-1GHz@Pass



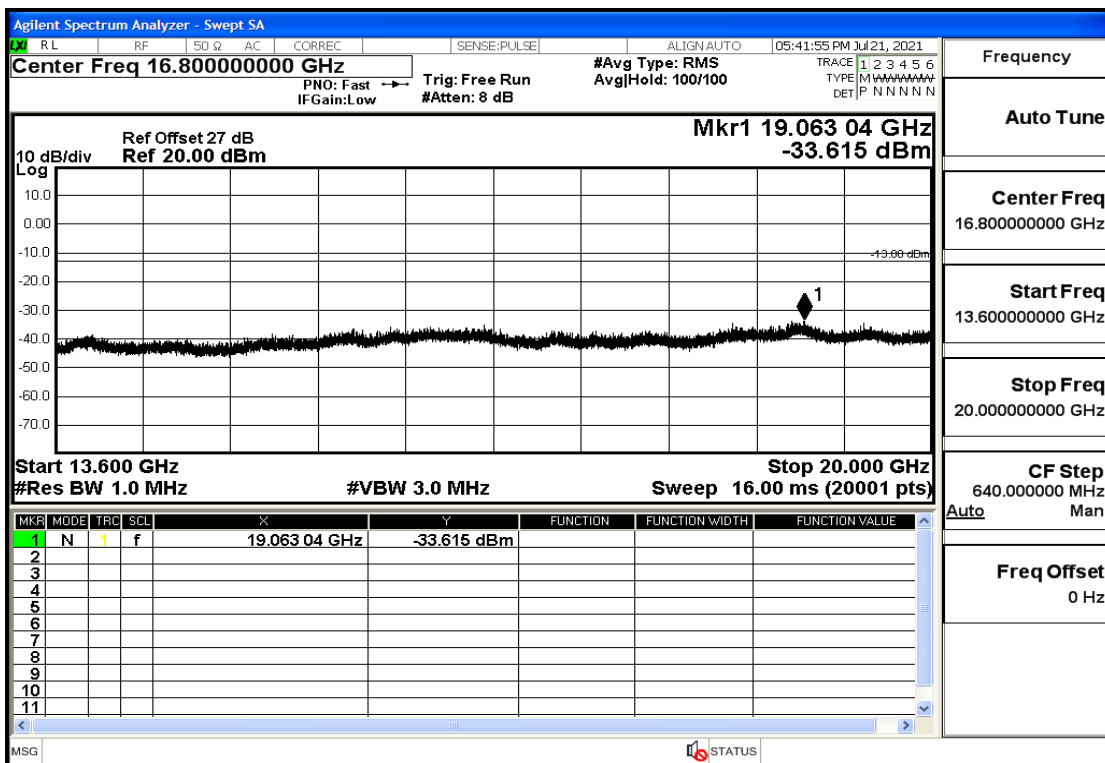
OB2-3-1880-QPSK-1#HIGH@1GHz-7GHz@Pass



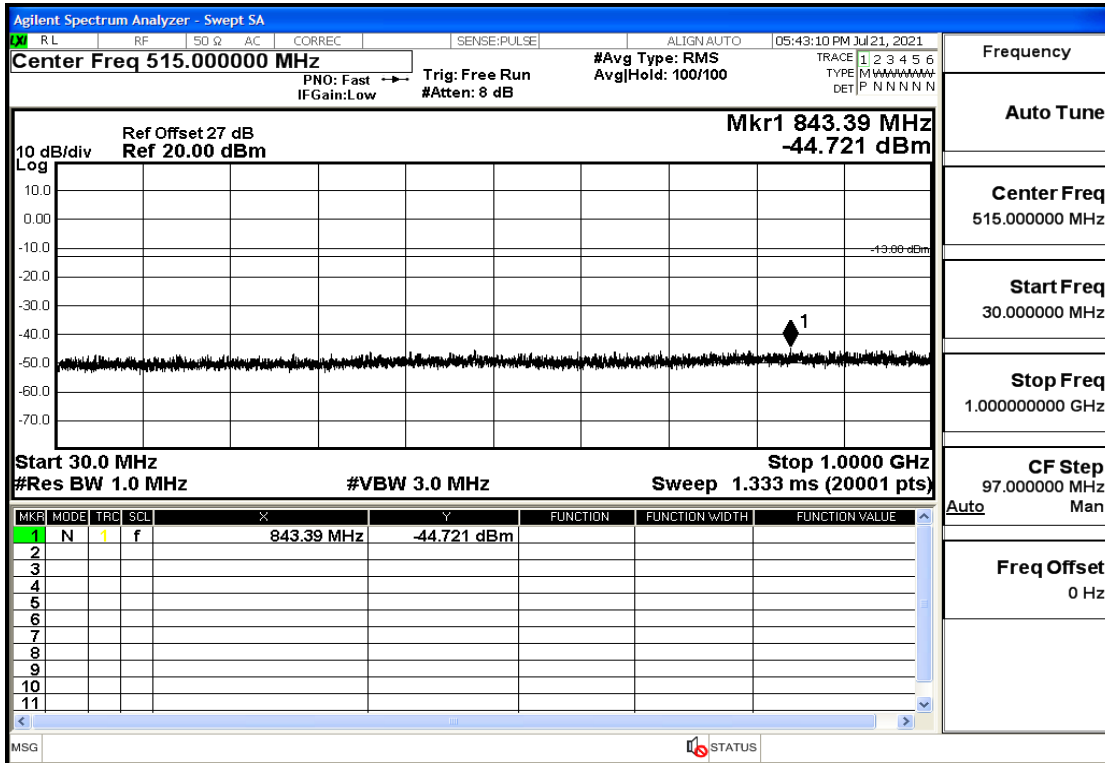
OB2-3-1880-QPSK-1#HIGH@7GHz-13.6GHz@Pass



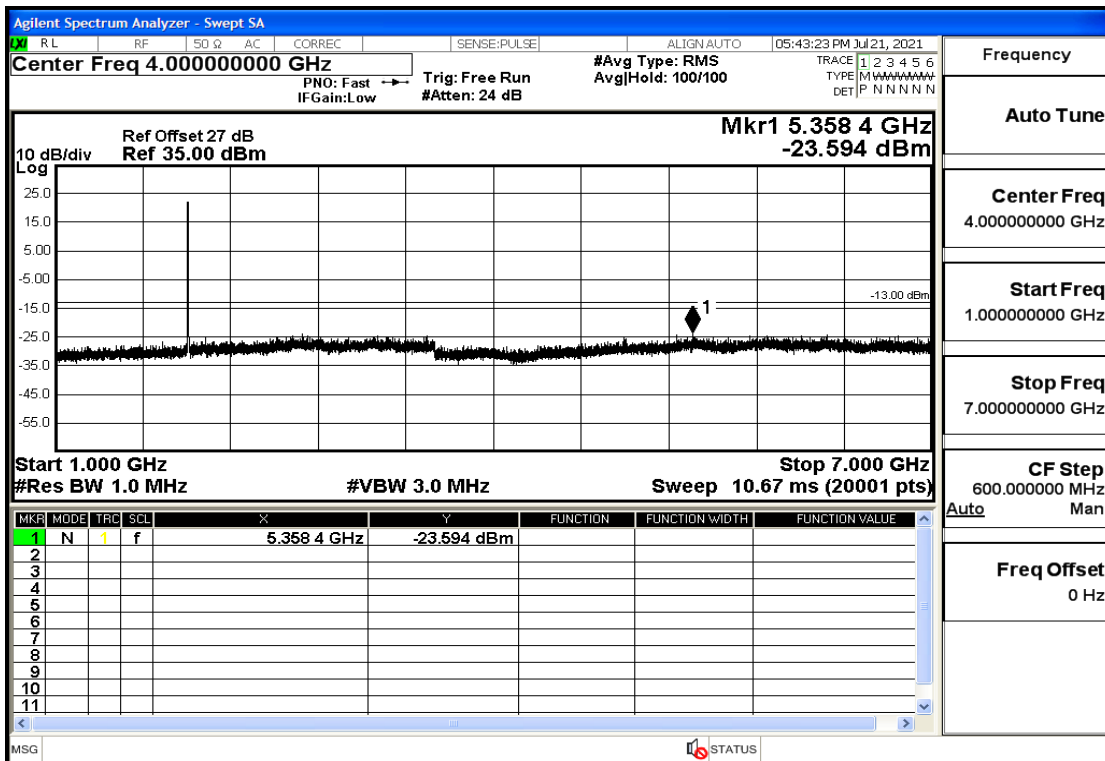
OB2-3-1880-QPSK-1#HIGH@13.6GHz-20GHz@Pass



OB2-3-1908.5-QPSK-15#LOW@30mHz-1GHz@Pass

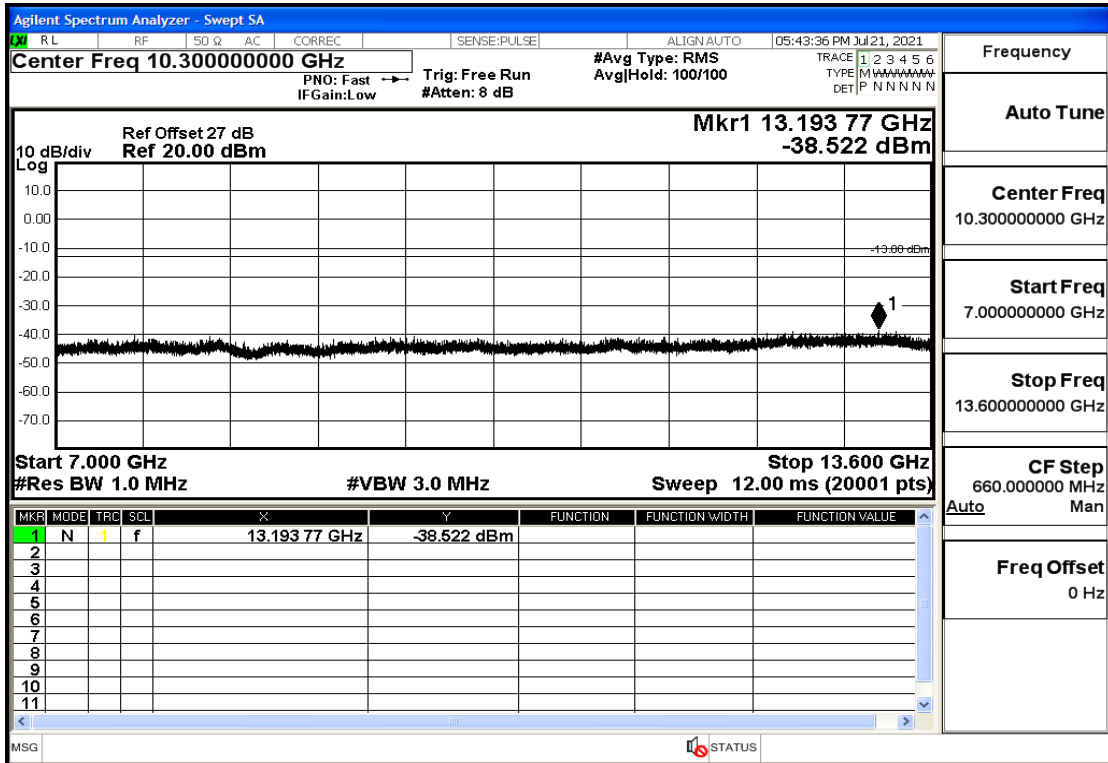


OB2-3-1908.5-QPSK-15#LOW@1GHz-7GHz@Pass

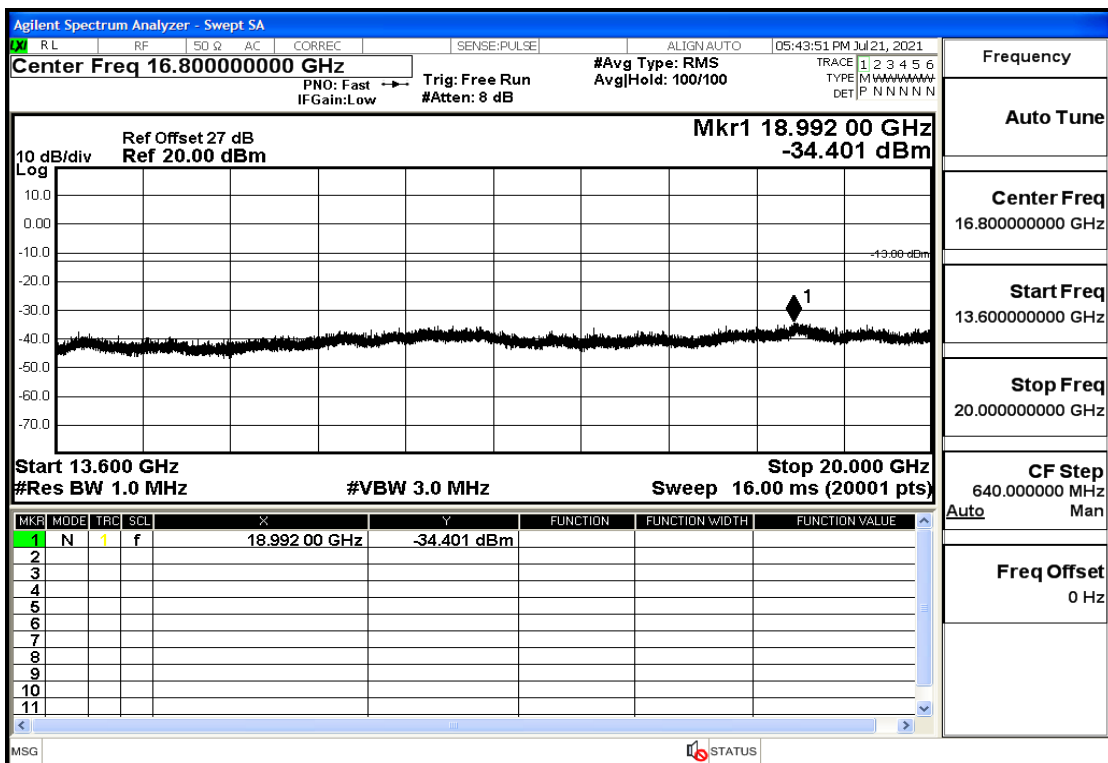




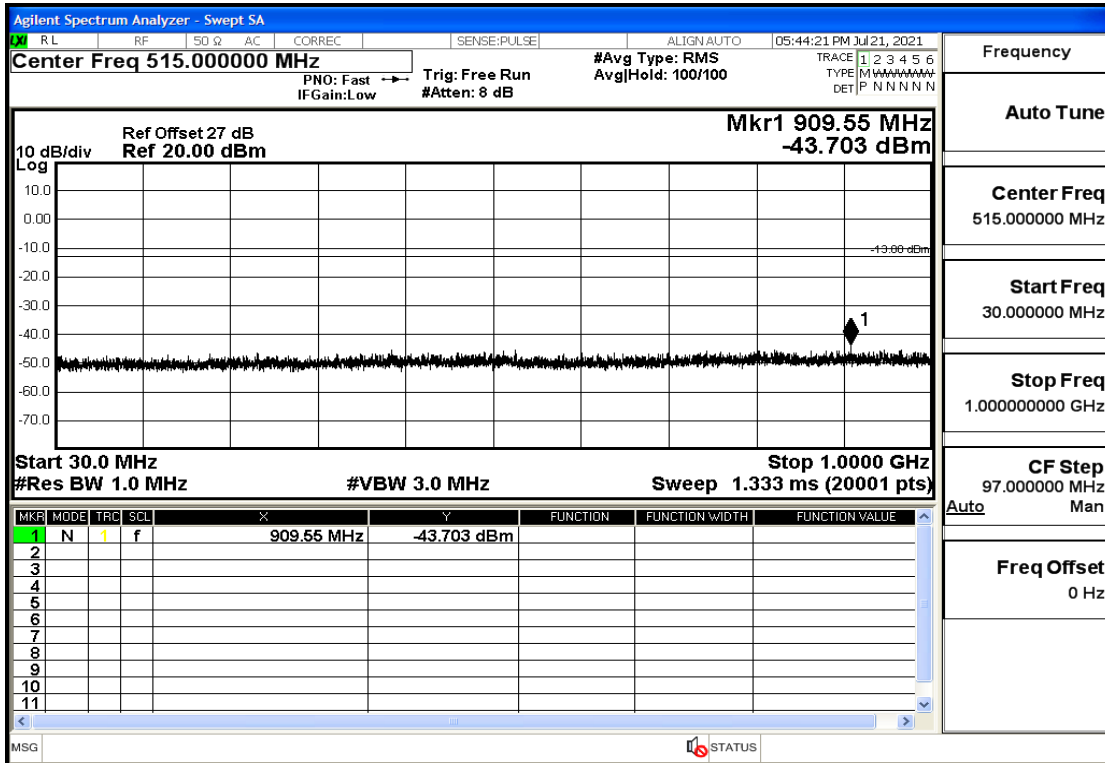
OB2-3-1908.5-QPSK-15#LOW@7GHz-13.6GHz@Pass



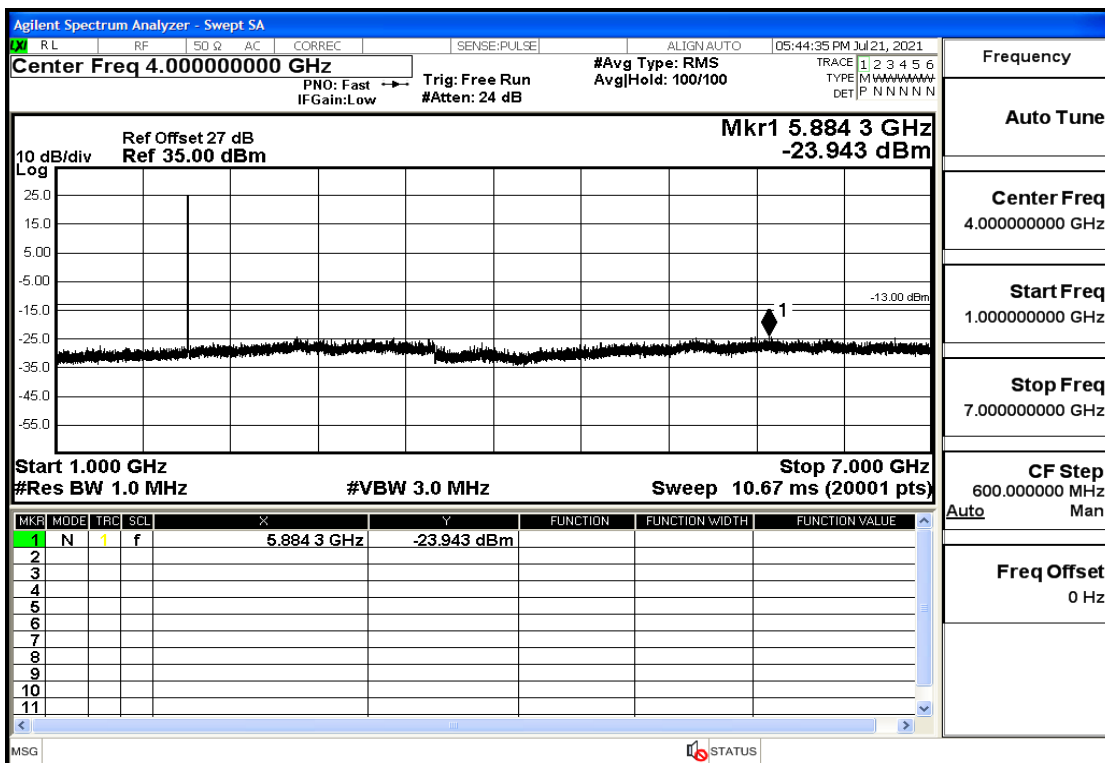
OB2-3-1908.5-QPSK-15#LOW@13.6GHz-20GHz@Pass



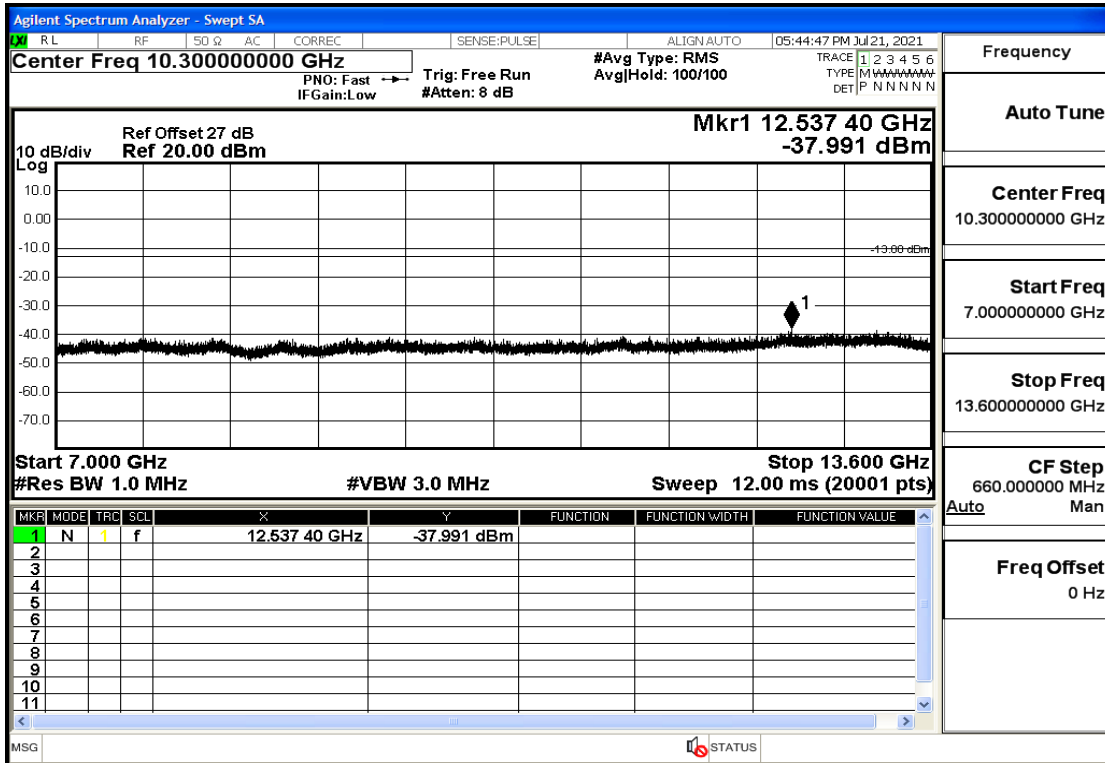
OB2-3-1908.5-QPSK-1#LOW@30mHz-1GHz@Pass



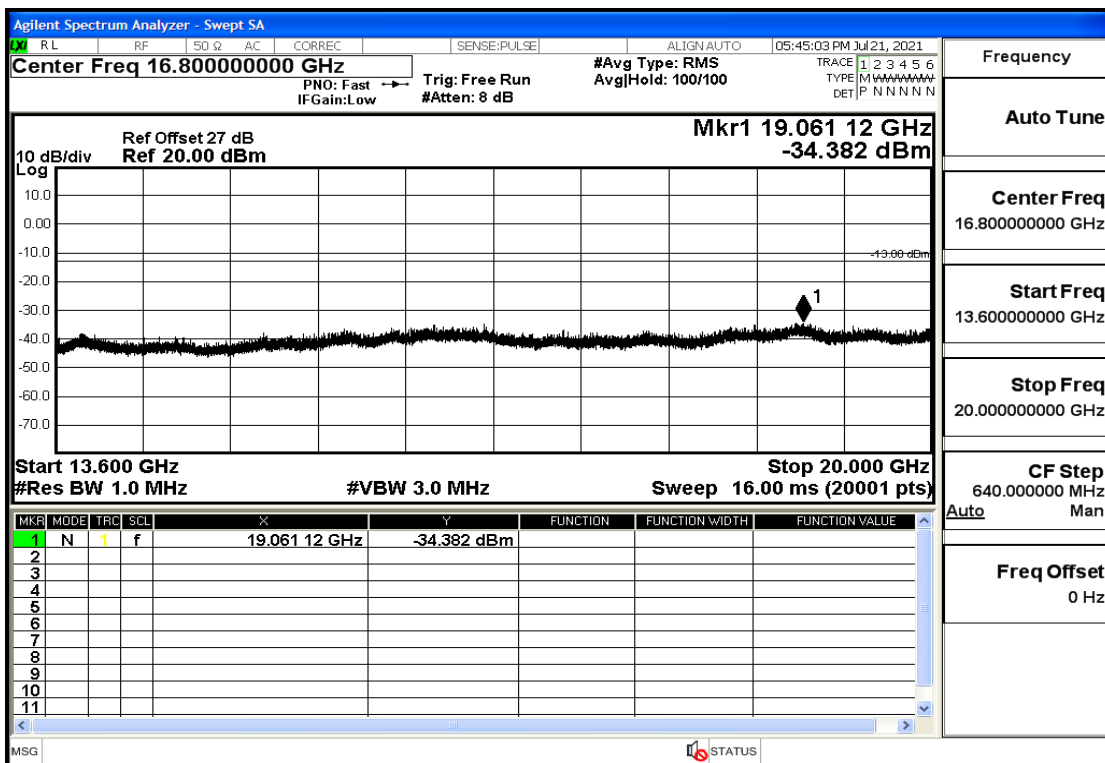
OB2-3-1908.5-QPSK-1#LOW@1GHz-7GHz@Pass



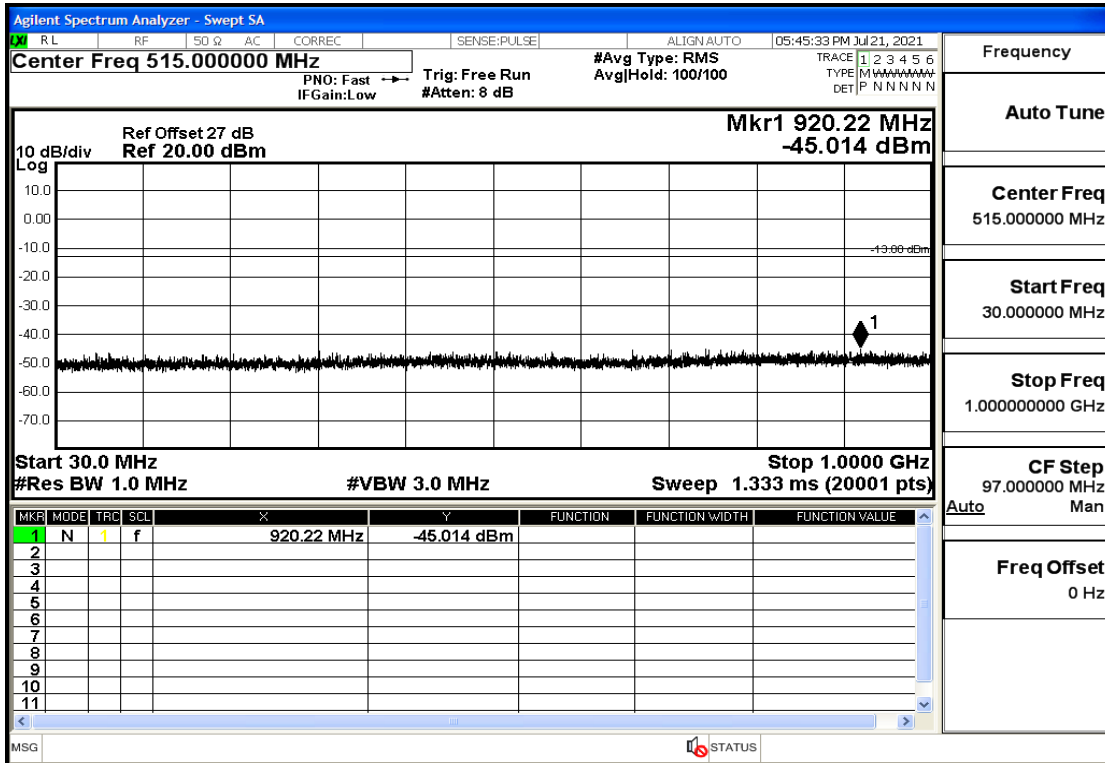
OB2-3-1908.5-QPSK-1#LOW@7GHz-13.6GHz@Pass



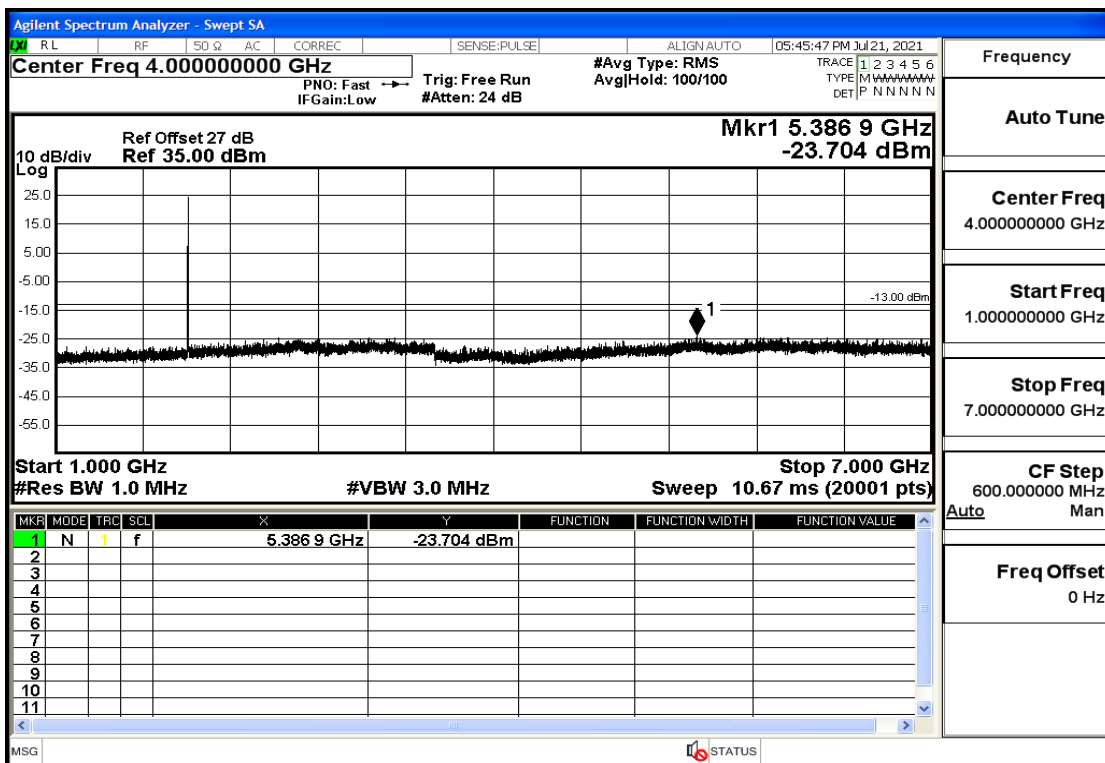
OB2-3-1908.5-QPSK-1#LOW@13.6GHz-20GHz@Pass



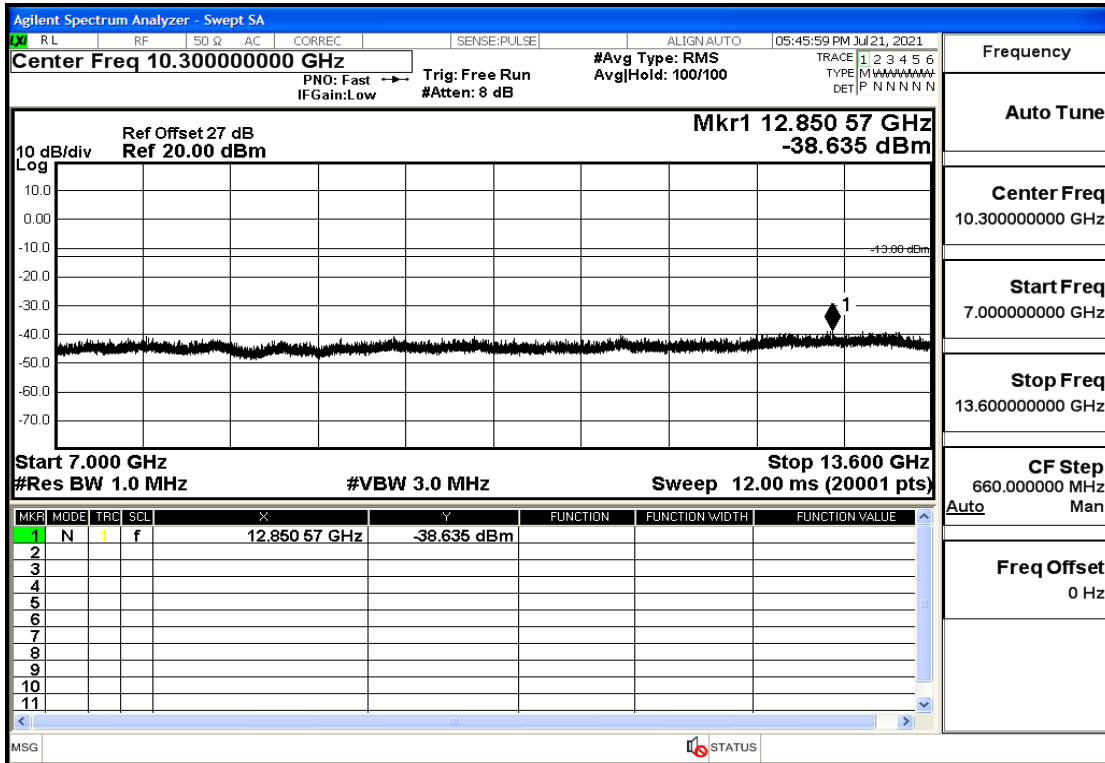
OB2-3-1908.5-QPSK-1#HIGH@30mHz-1GHz@Pass



OB2-3-1908.5-QPSK-1#HIGH@1GHz-7GHz@Pass



OB2-3-1908.5-QPSK-1#HIGH@7GHz-13.6GHz@Pass



OB2-3-1908.5-QPSK-1#HIGH@13.6GHz-20GHz@Pass

