

## RF Test Data for LTE (Conducted Measurement)

**Product Name: FriggaT7**  
**Trade Mark: Frigga**  
**Test Model: FriggaT7**  
**Sample ID: TZ230804732-1#**  
**FCC ID: 2ATWZ-T7X**

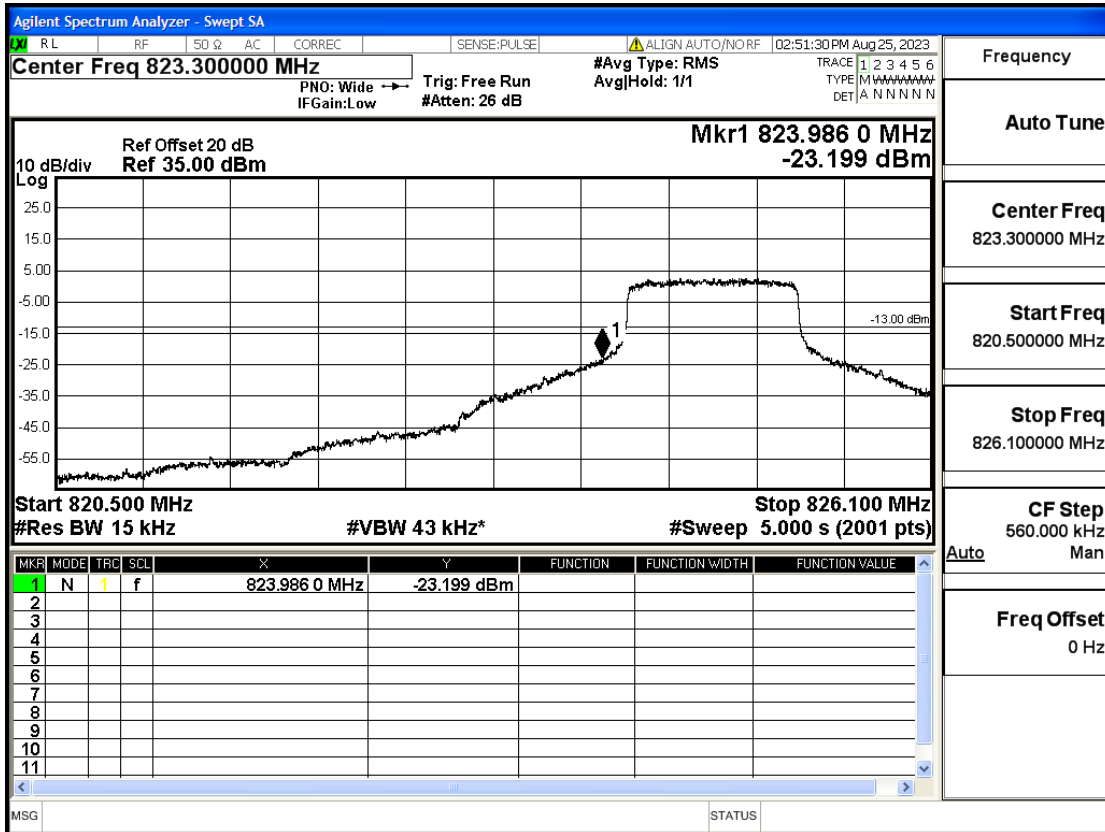
### Environmental Conditions

Temperature:	23.5°C
Relative Humidity:	57%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
Remark:	For LTE Band5

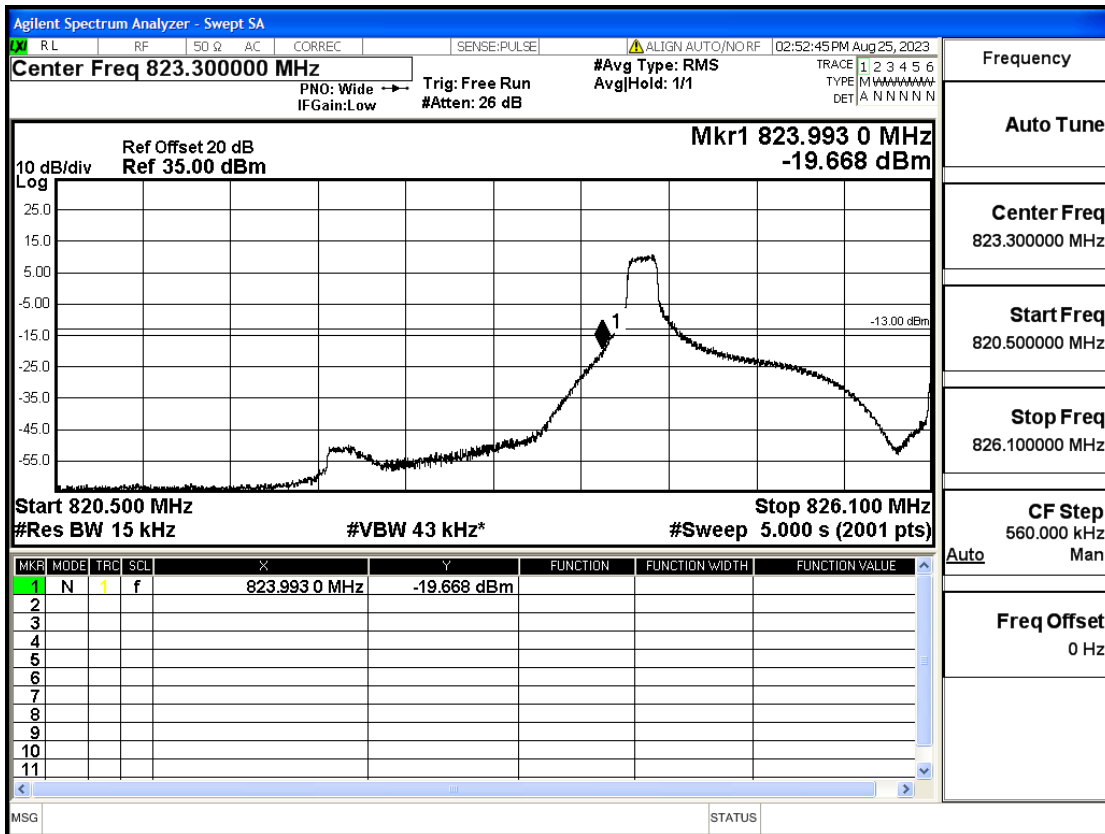
## Band Edge and Emission Mask

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Conclusion
Band5	1.4	824.7	QPSK	6	LOW	Pass
Band5	1.4	824.7	QPSK	1	LOW	Pass
Band5	1.4	824.7	16QAM	6	LOW	Pass
Band5	1.4	824.7	16QAM	1	LOW	Pass
Band5	1.4	848.3	QPSK	6	LOW	Pass
Band5	1.4	848.3	QPSK	1	HIGH	Pass
Band5	1.4	848.3	16QAM	6	LOW	Pass
Band5	1.4	848.3	16QAM	1	HIGH	Pass
Band5	3	825.5	QPSK	15	LOW	Pass
Band5	3	825.5	QPSK	1	LOW	Pass
Band5	3	825.5	16QAM	15	LOW	Pass
Band5	3	825.5	16QAM	1	LOW	Pass
Band5	3	847.5	QPSK	15	LOW	Pass
Band5	3	847.5	QPSK	1	HIGH	Pass
Band5	3	847.5	16QAM	15	LOW	Pass
Band5	3	847.5	16QAM	1	HIGH	Pass
Band5	5	826.5	QPSK	25	LOW	Pass
Band5	5	826.5	QPSK	1	LOW	Pass
Band5	5	826.5	16QAM	25	LOW	Pass
Band5	5	826.5	16QAM	1	LOW	Pass
Band5	5	846.5	QPSK	25	LOW	Pass
Band5	5	846.5	QPSK	1	HIGH	Pass
Band5	5	846.5	16QAM	25	LOW	Pass
Band5	5	846.5	16QAM	1	HIGH	Pass
Band5	10	829	QPSK	50	LOW	Pass
Band5	10	829	QPSK	1	LOW	Pass
Band5	10	829	16QAM	12	LOW	Pass
Band5	10	829	16QAM	1	LOW	Pass
Band5	10	844	QPSK	50	LOW	Pass
Band5	10	844	QPSK	1	HIGH	Pass
Band5	10	844	16QAM	12	HIGH	Pass
Band5	10	844	16QAM	1	HIGH	Pass

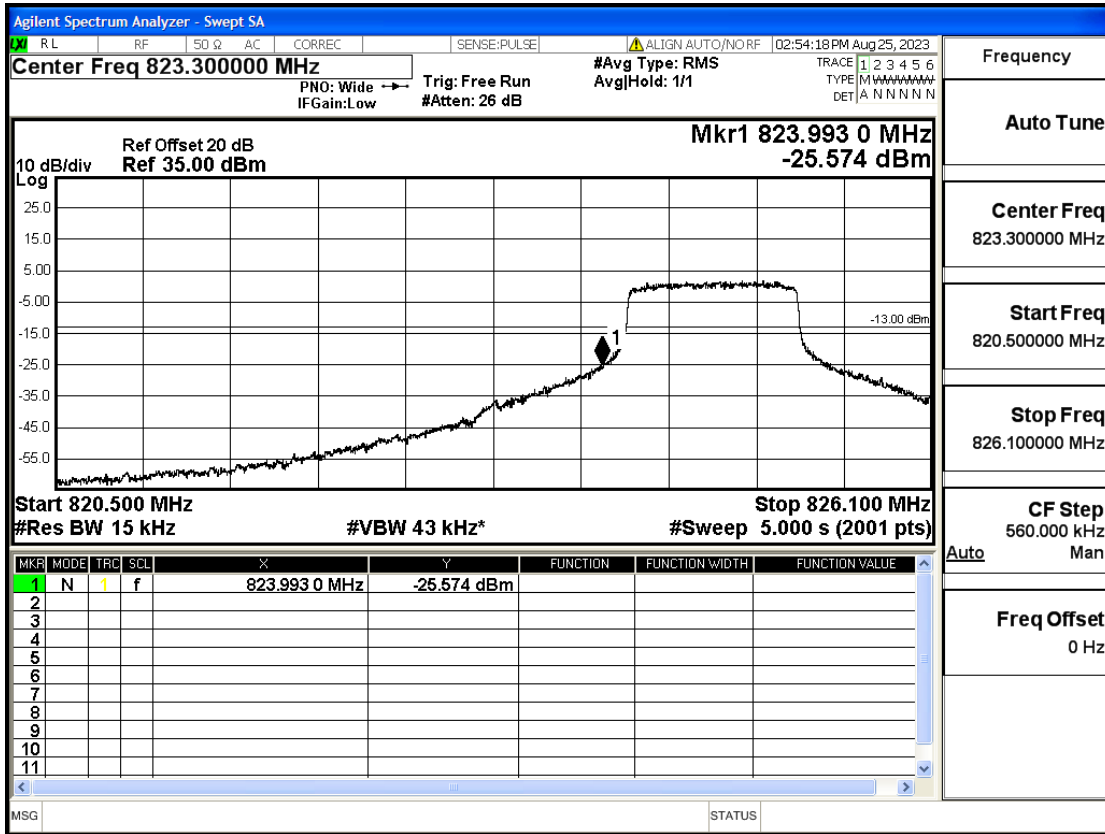
Band5-1.4-824.7-QPSK-6#LOW@Pass



Band5-1.4-824.7-QPSK-1#LOW@Pass

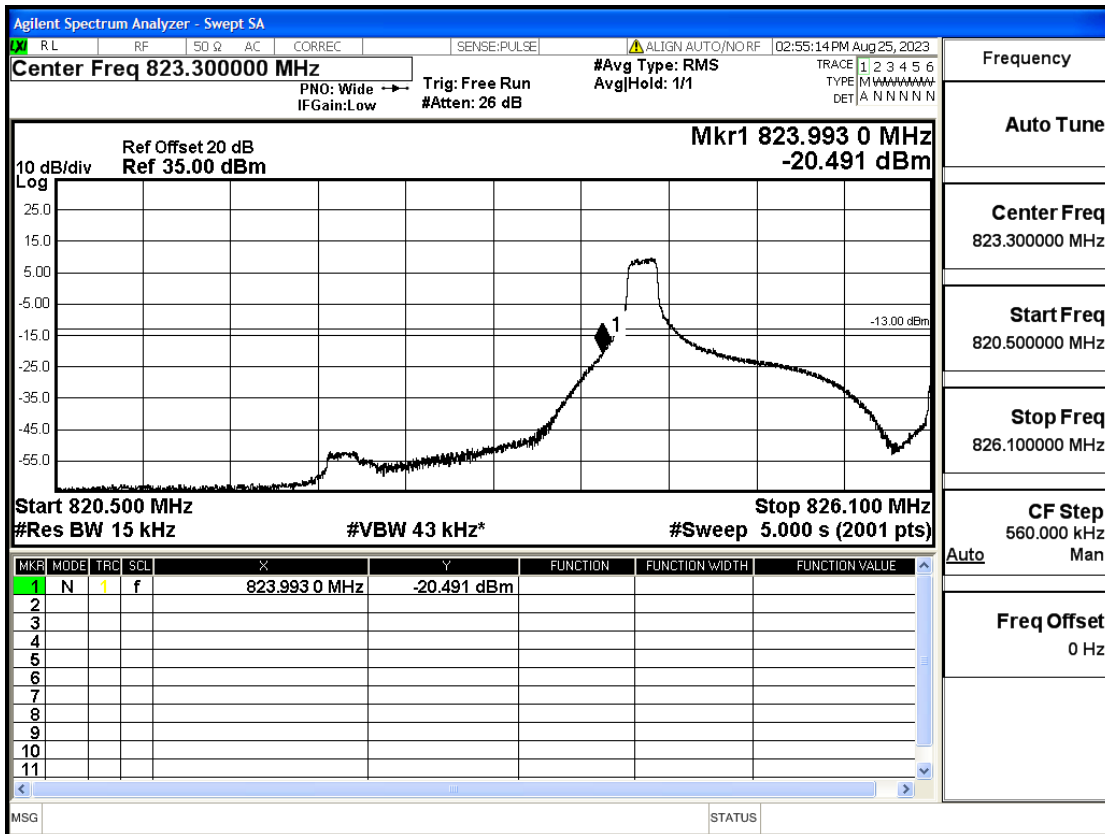


Band5-1.4-824.7-16QAM-6#LOW@Pass



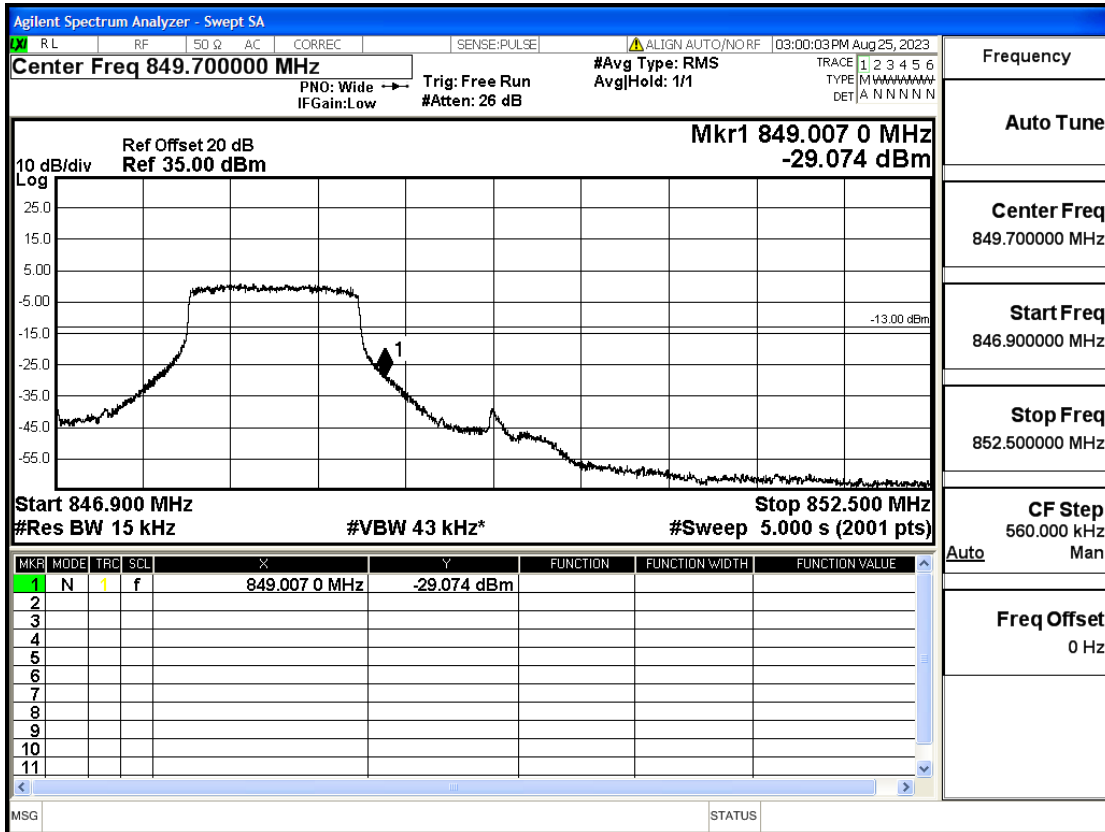
Frequency
Auto Tune
Center Freq 823.300000 MHz
Start Freq 820.500000 MHz
Stop Freq 826.100000 MHz
CF Step 560.000 kHz
Auto Man
Freq Offset 0 Hz

Band5-1.4-824.7-16QAM-1#LOW@Pass

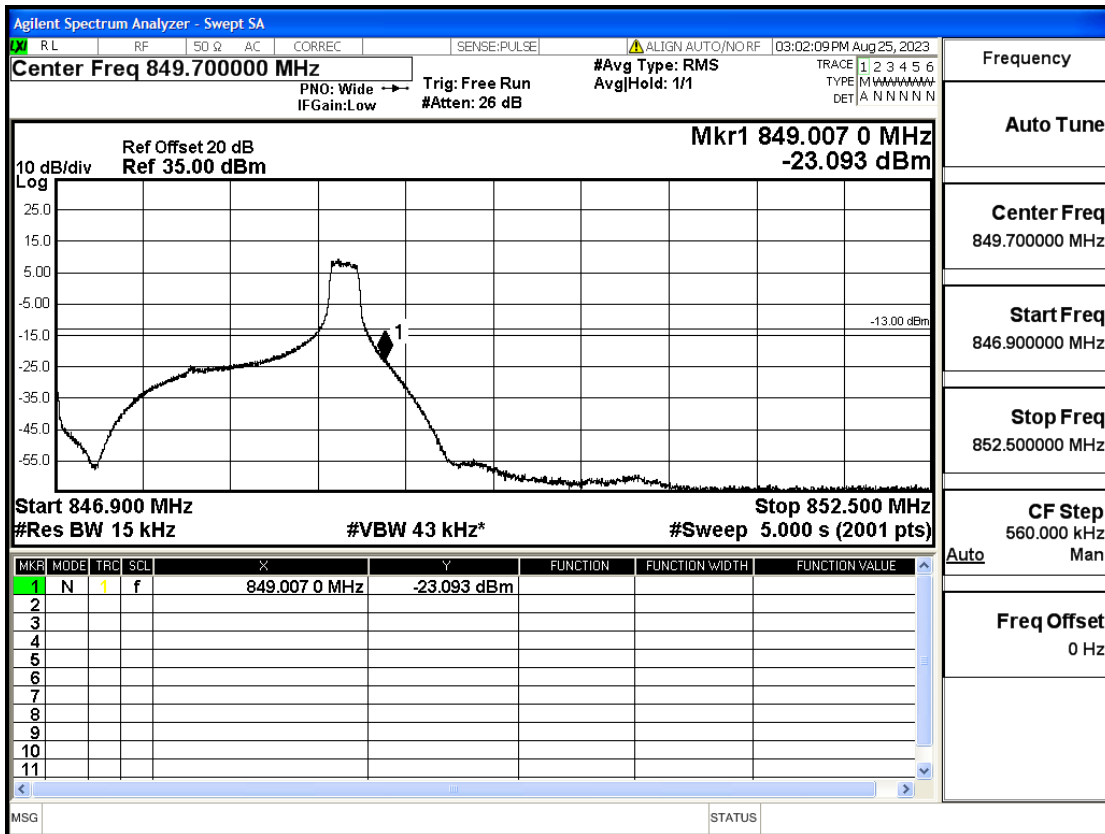


Frequency
Auto Tune
Center Freq 823.300000 MHz
Start Freq 820.500000 MHz
Stop Freq 826.100000 MHz
CF Step 560.000 kHz
Auto Man
Freq Offset 0 Hz

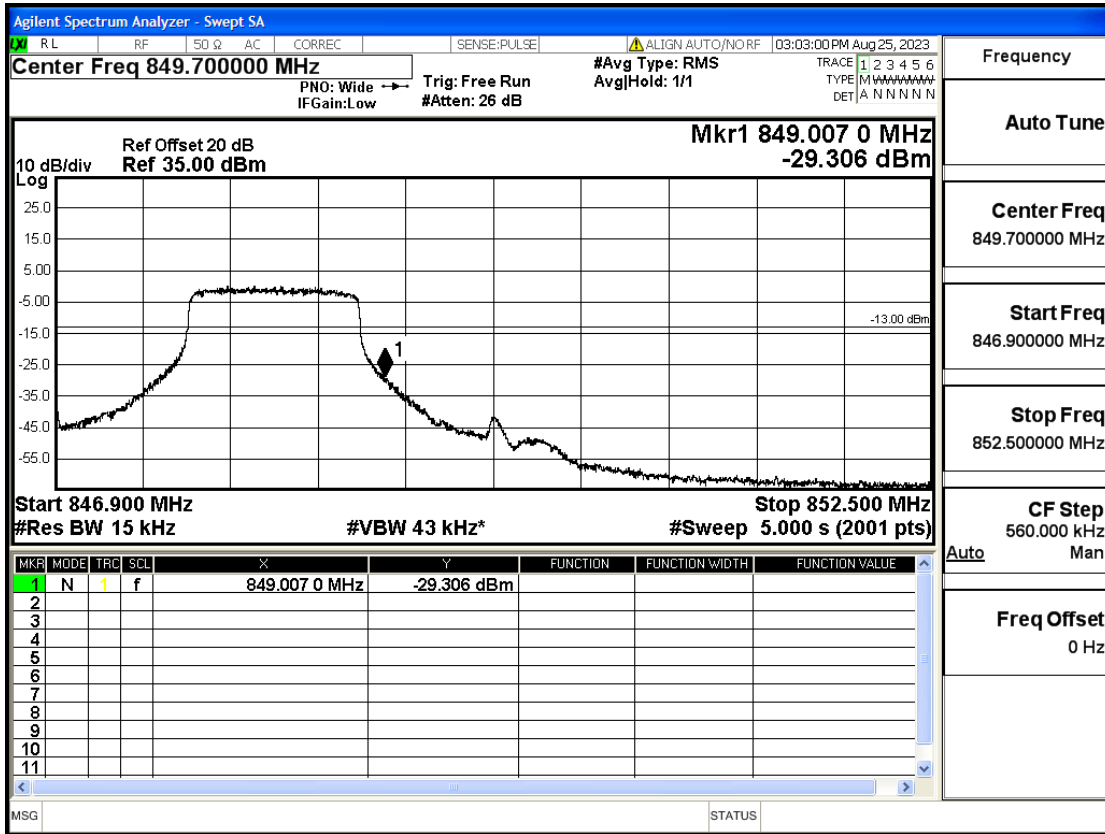
Band5-1.4-848.3-QPSK-6#LOW@Pass



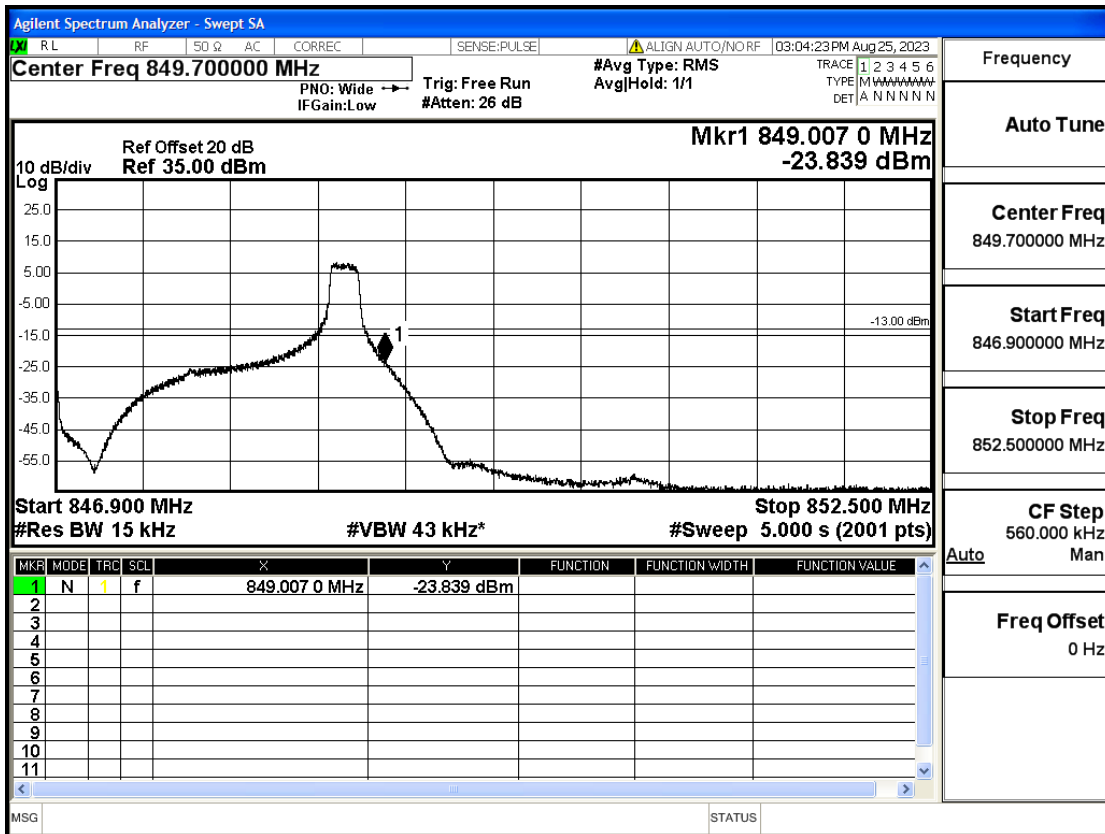
Band5-1.4-848.3-QPSK-1#HIGH@Pass



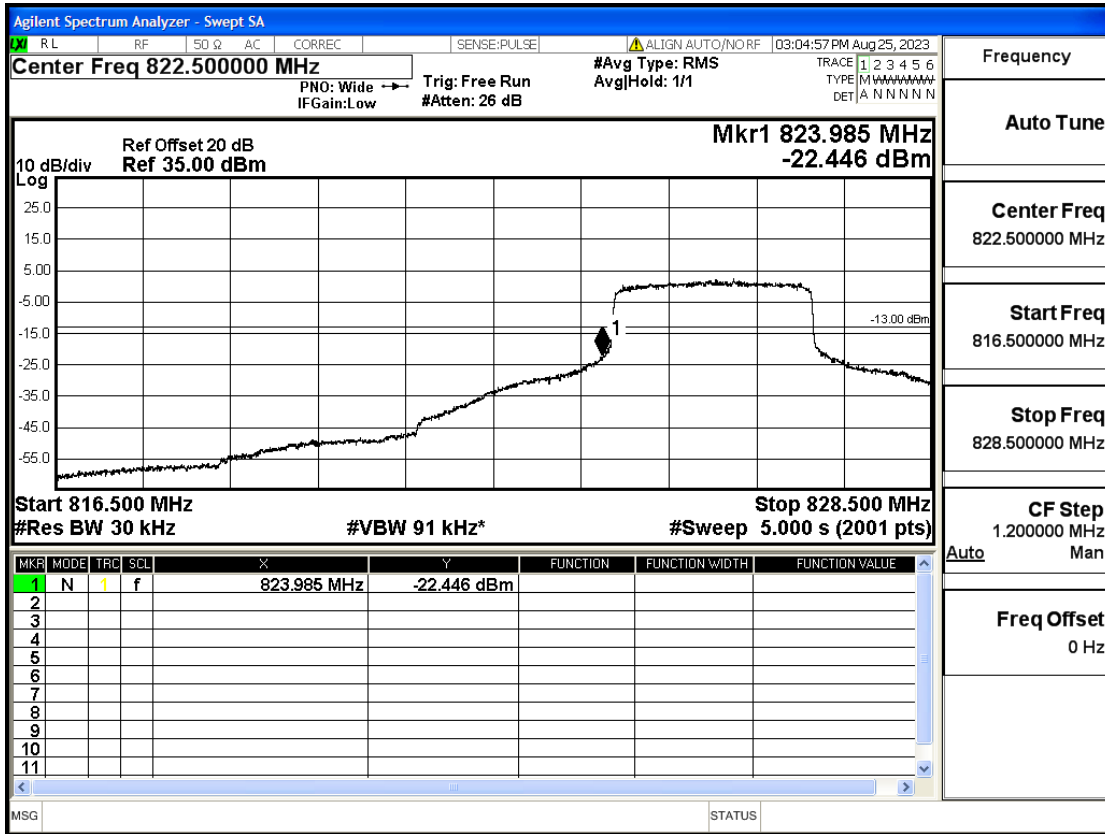
Band5-1.4-848.3-16QAM-6#LOW@Pass



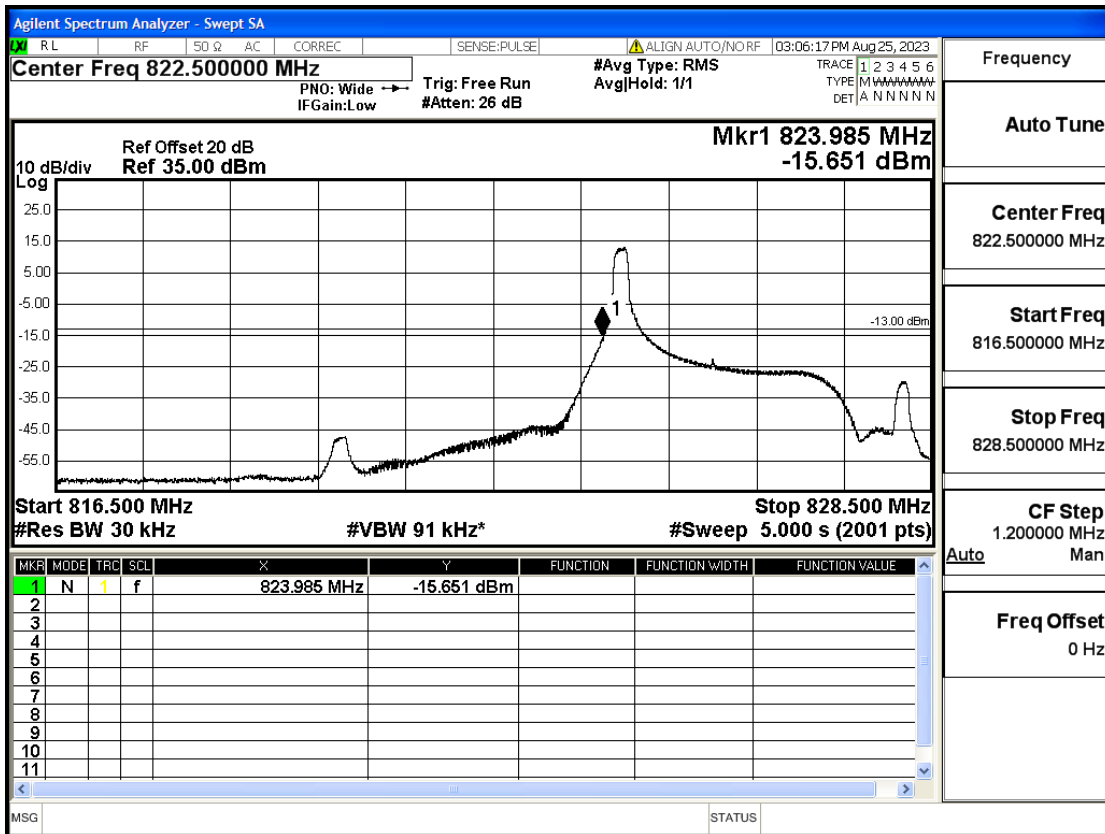
Band5-1.4-848.3-16QAM-1#HIGH@Pass



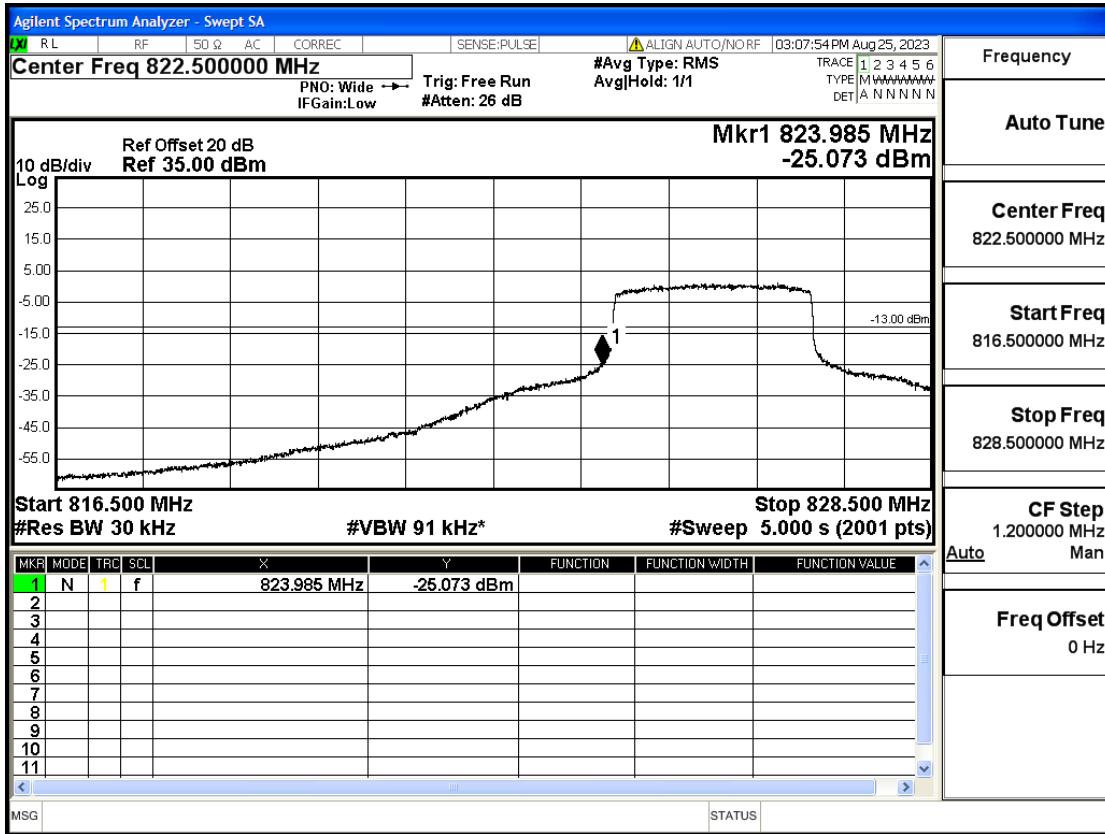
Band5-3-825.5-QPSK-15#LOW@Pass



Band5-3-825.5-QPSK-1#LOW@Pass

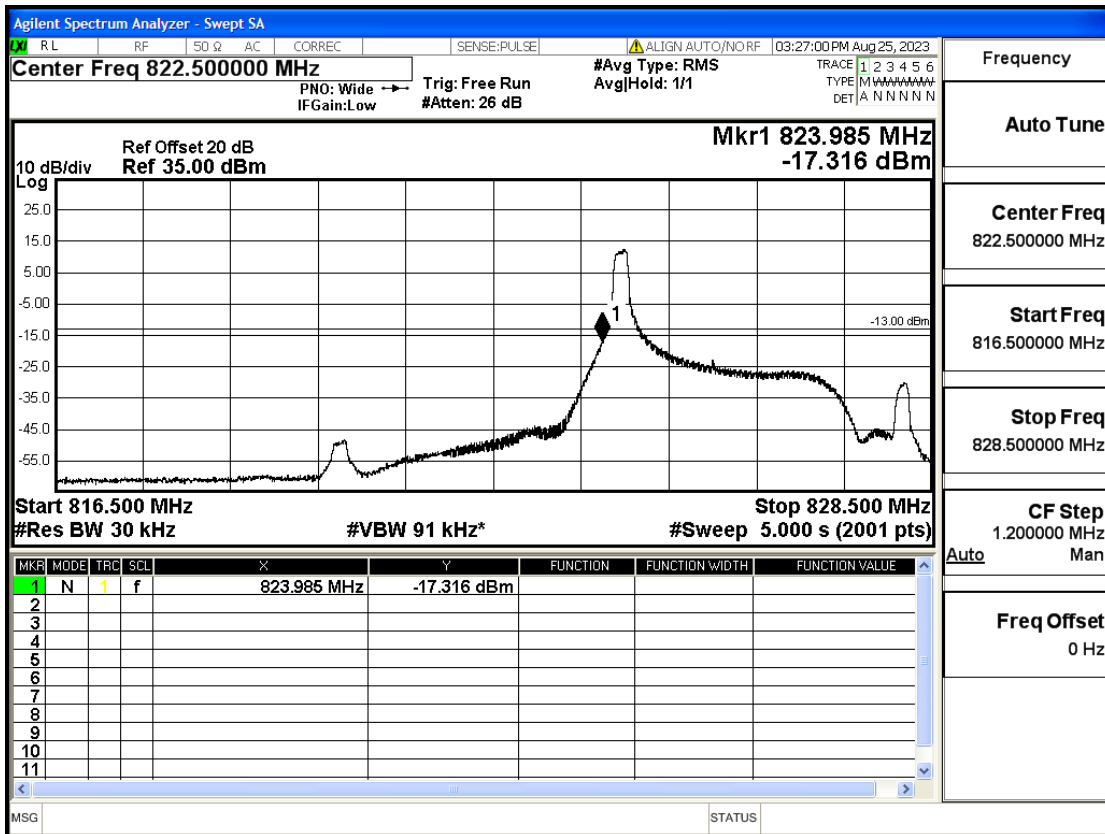


Band5-3-825.5-16QAM-15#LOW@Pass



Frequency
Auto Tune
Center Freq 822.500000 MHz
Start Freq 816.500000 MHz
Stop Freq 828.500000 MHz
CF Step 1.200000 MHz
Auto Man
Freq Offset 0 Hz

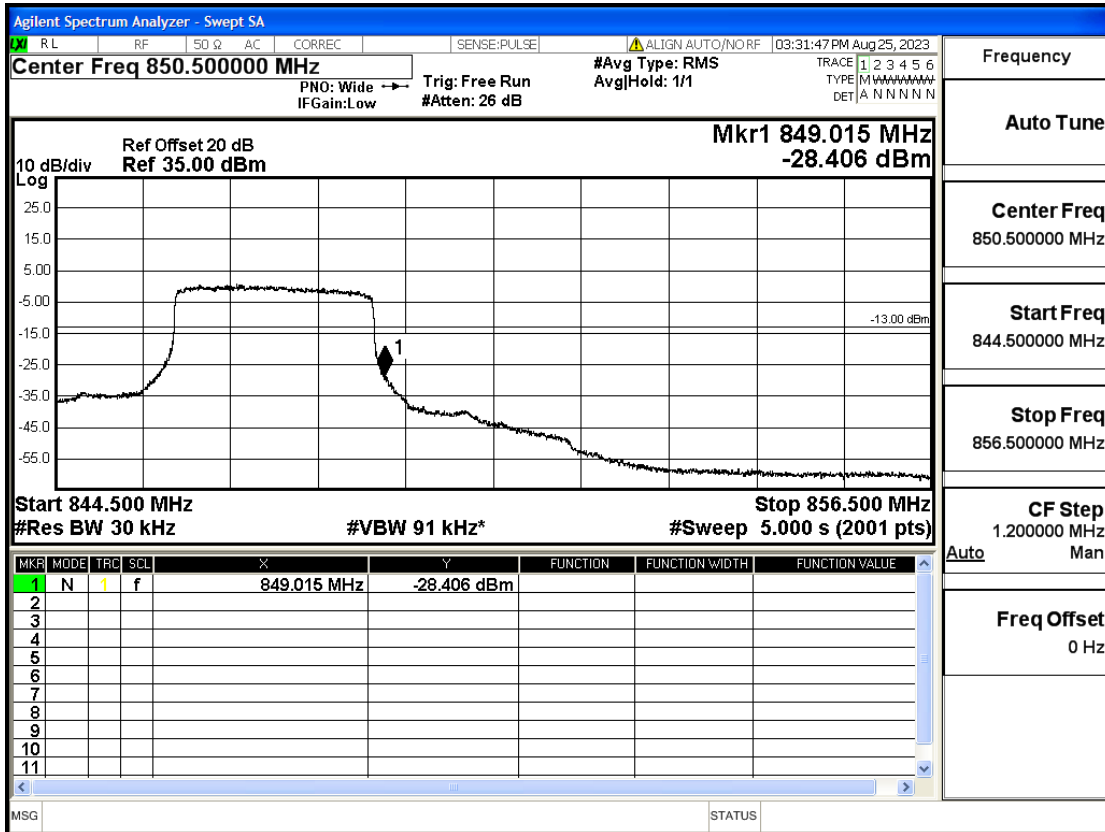
Band5-3-825.5-16QAM-1#LOW@Pass



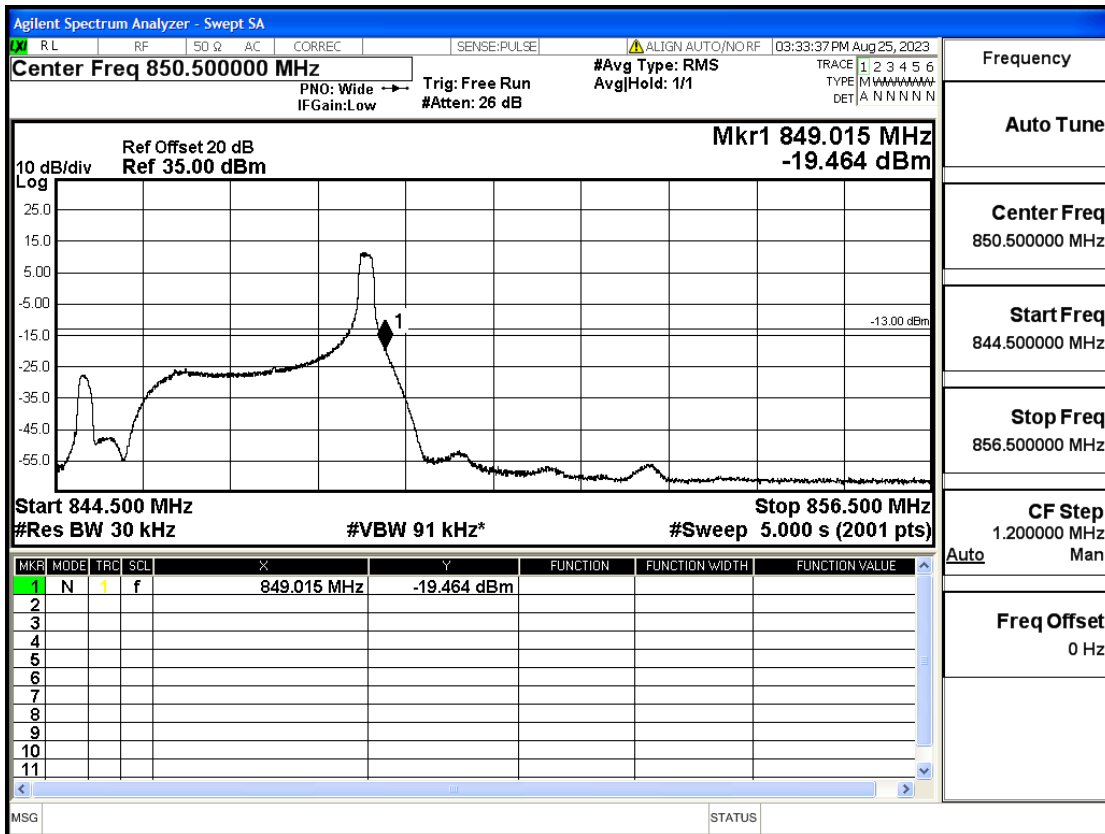
Frequency
Auto Tune
Center Freq 822.500000 MHz
Start Freq 816.500000 MHz
Stop Freq 828.500000 MHz
CF Step 1.200000 MHz
Auto Man
Freq Offset 0 Hz



Band5-3-847.5-QPSK-15#LOW@Pass

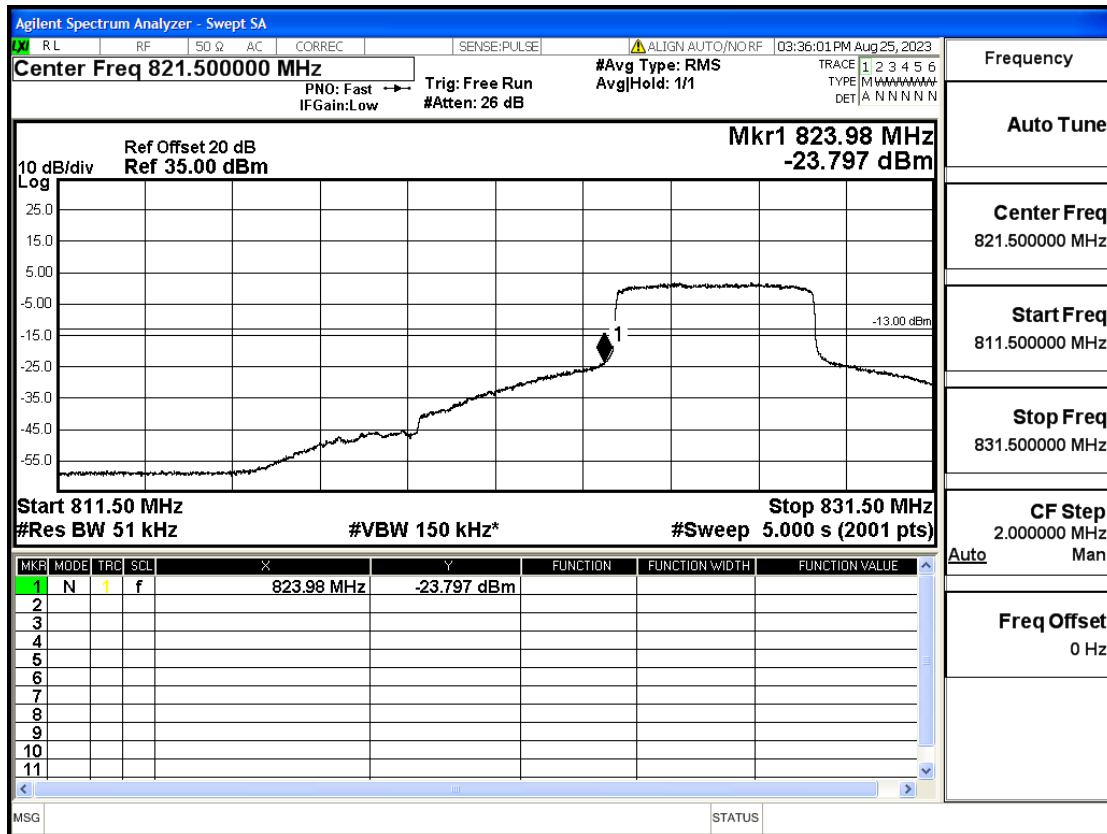


Band5-3-847.5-QPSK-1#HIGH@Pass

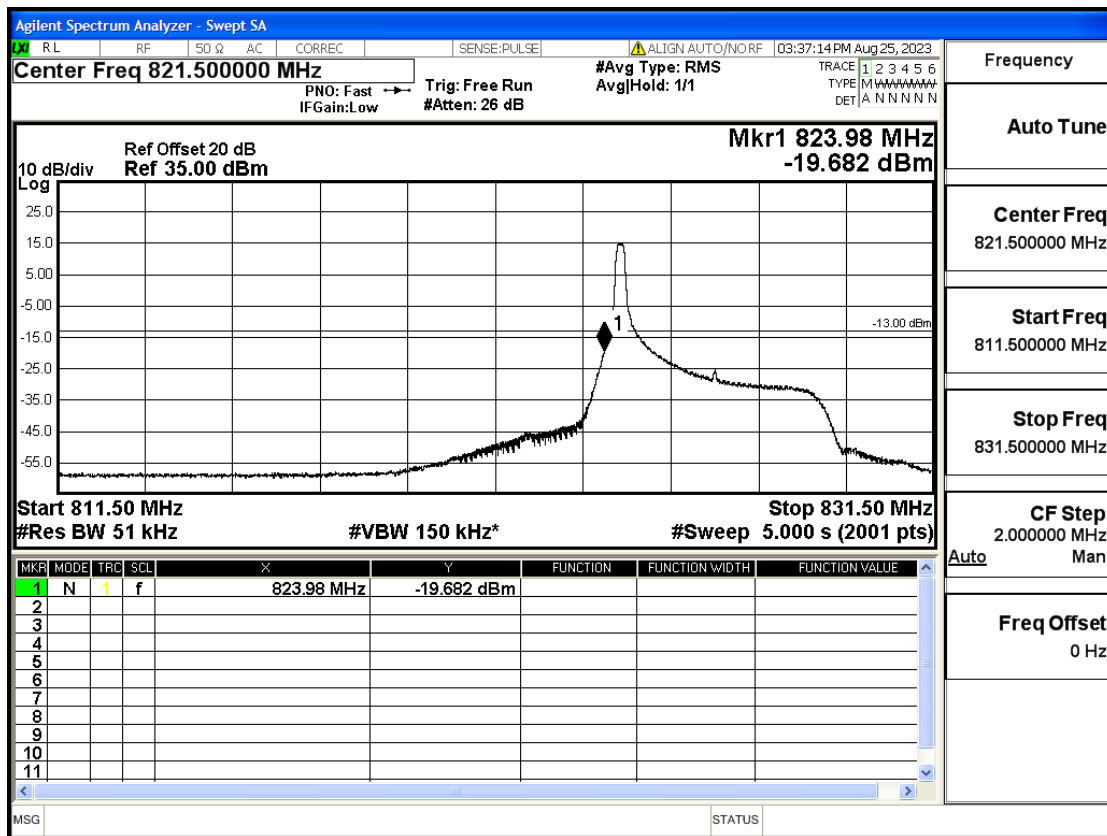




Band5-5-826.5-QPSK-25#LOW@Pass



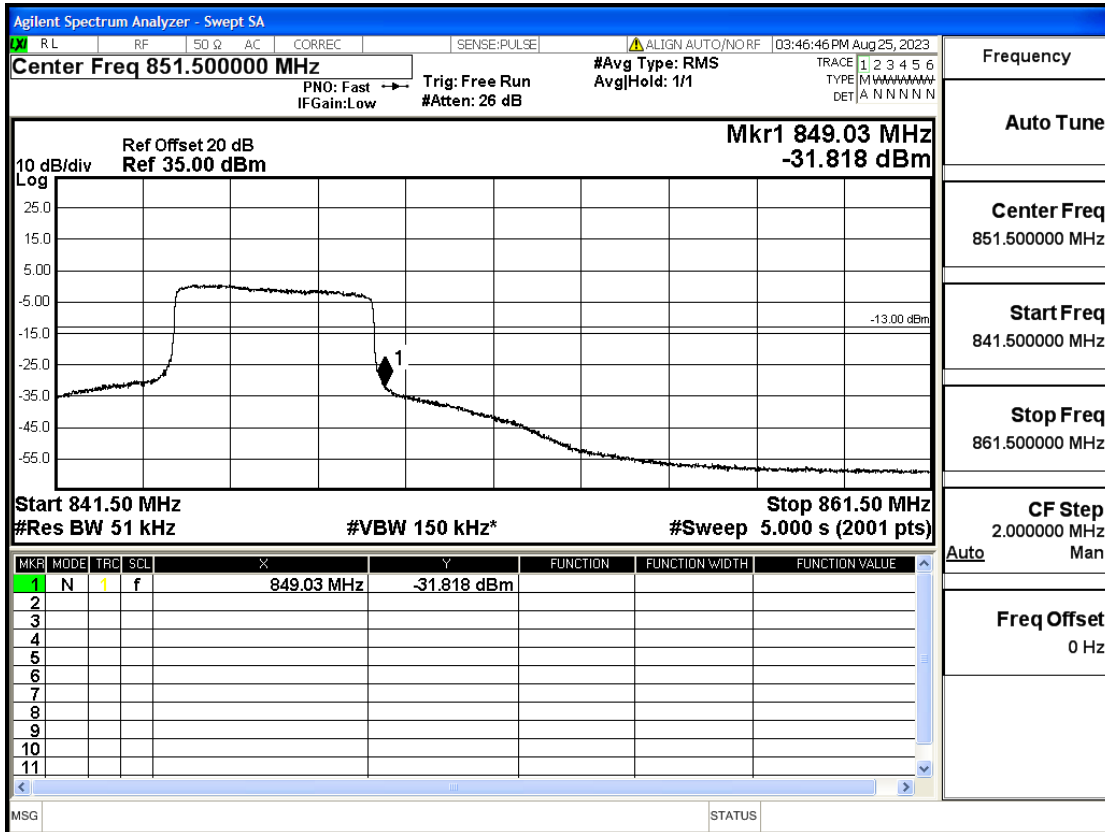
Band5-5-826.5-QPSK-1#LOW@Pass



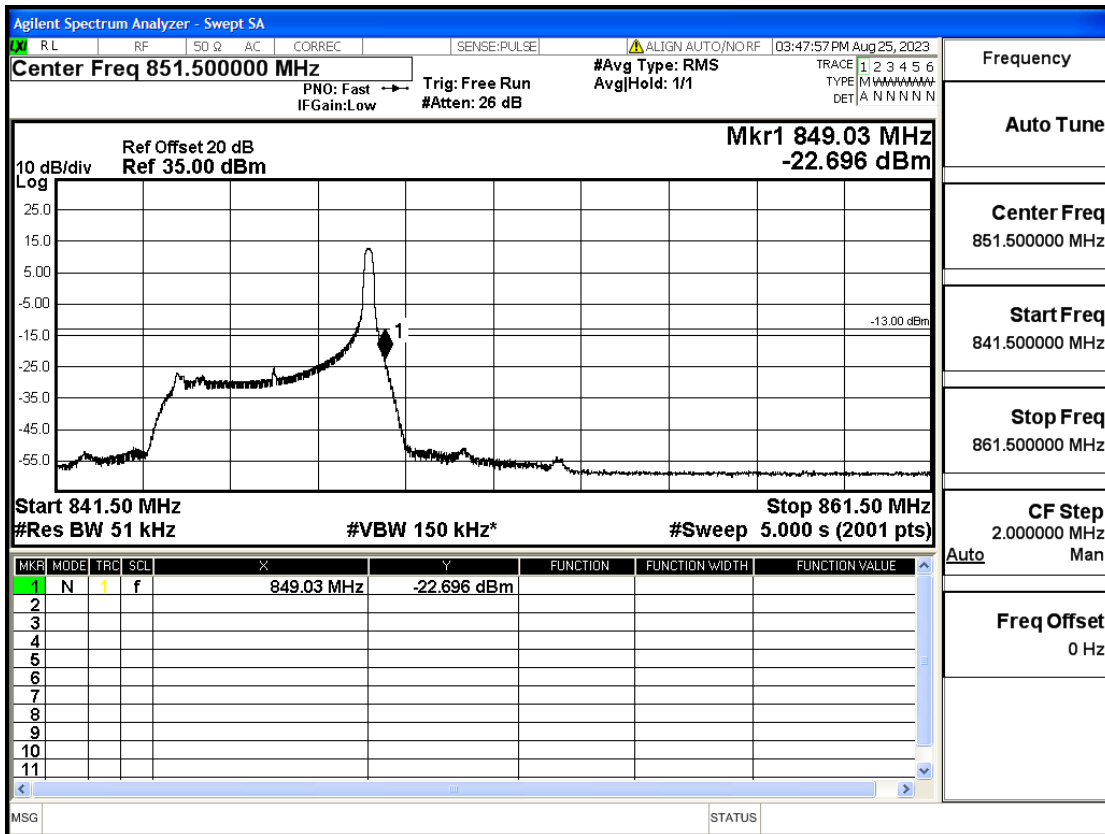




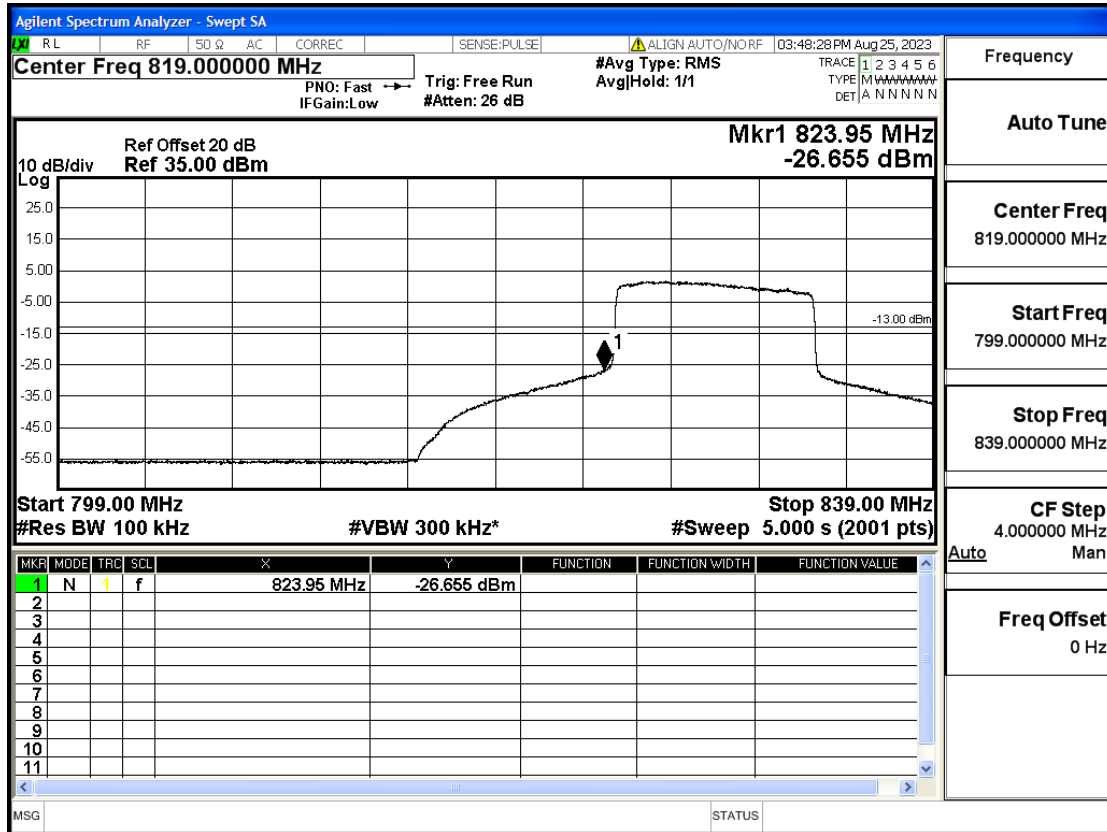
Band5-5-846.5-16QAM-25#LOW@Pass



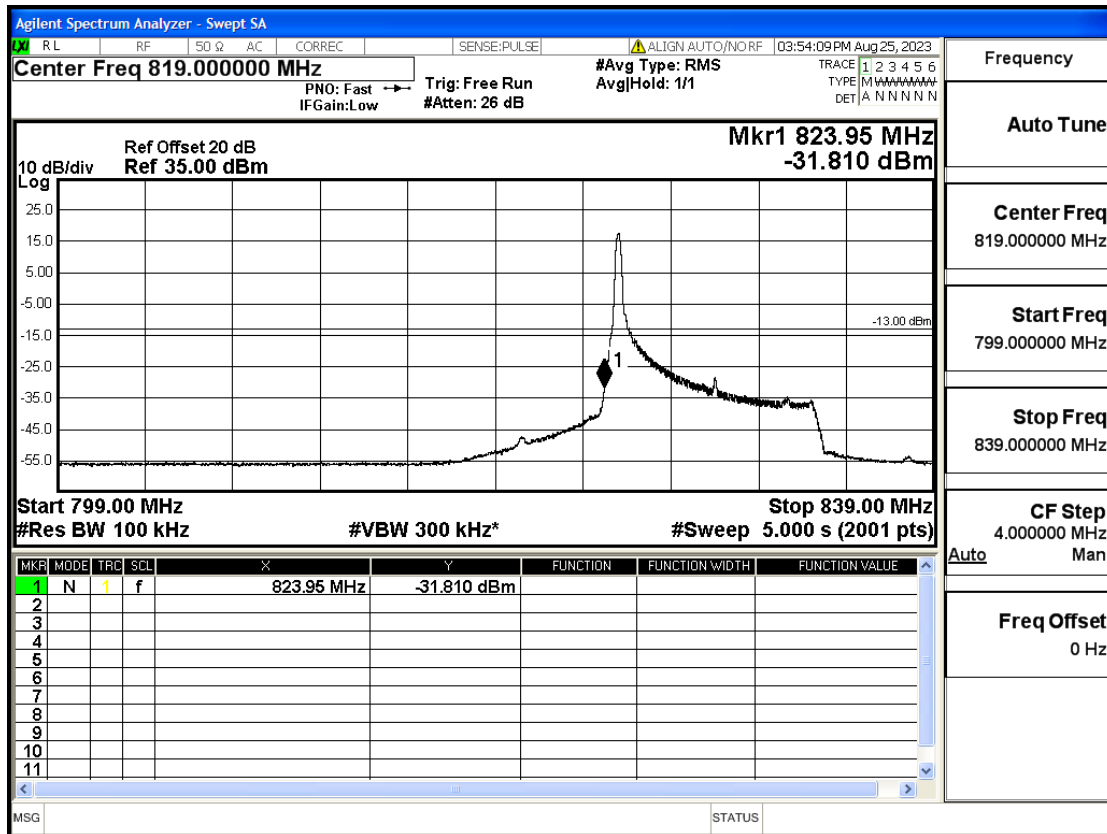
Band5-5-846.5-16QAM-1#HIGH@Pass



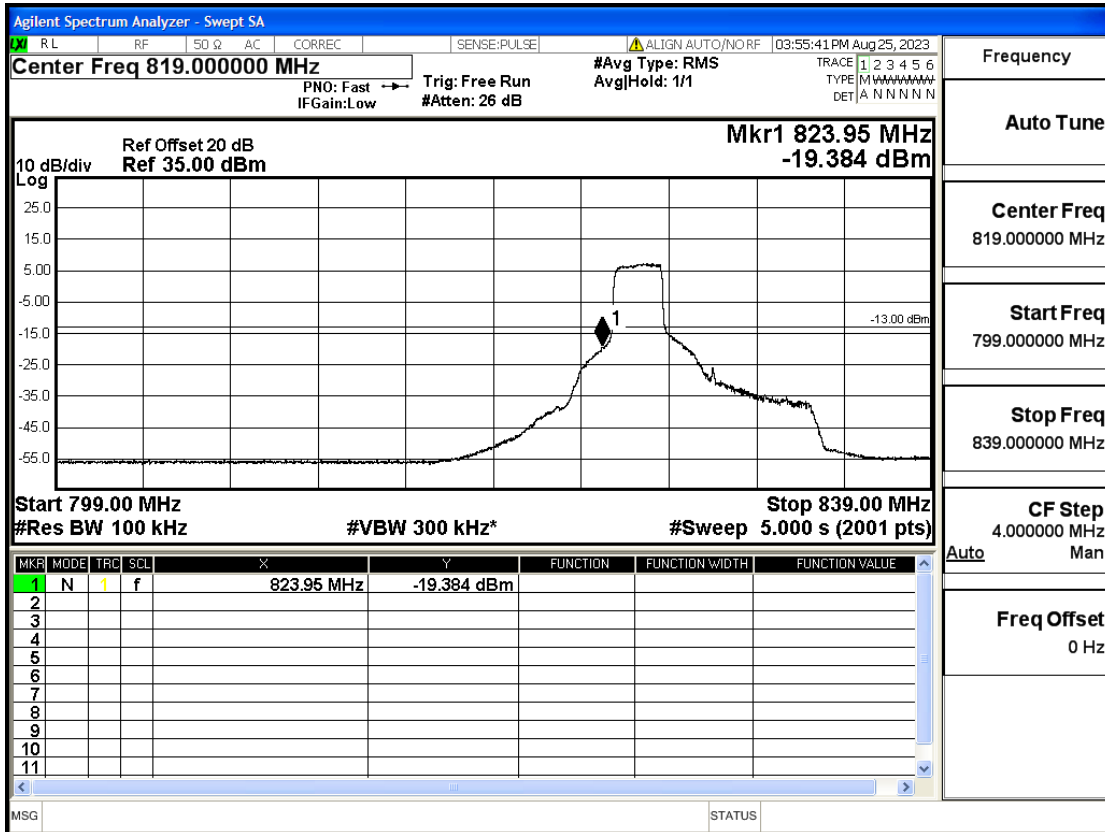
Band5-10-829-QPSK-50#LOW@Pass



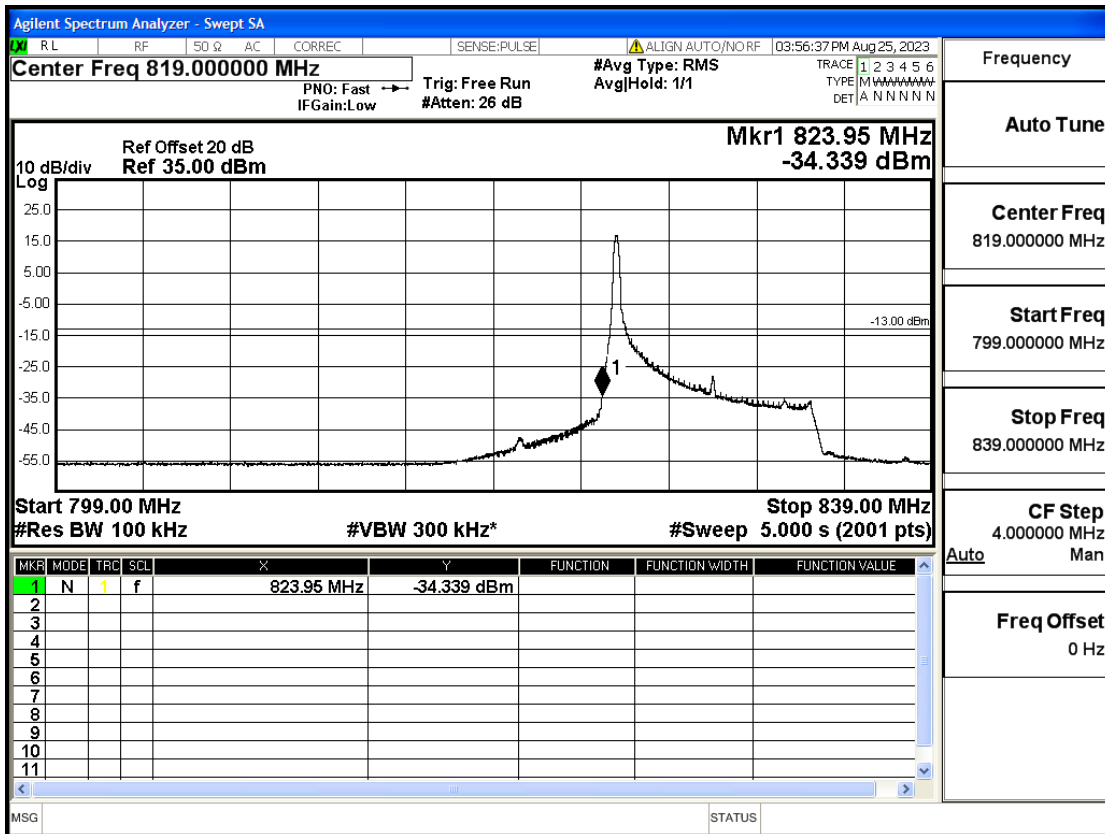
Band5-10-829-QPSK-1#LOW@Pass



Band5-10-829-16QAM-12#LOW@Pass

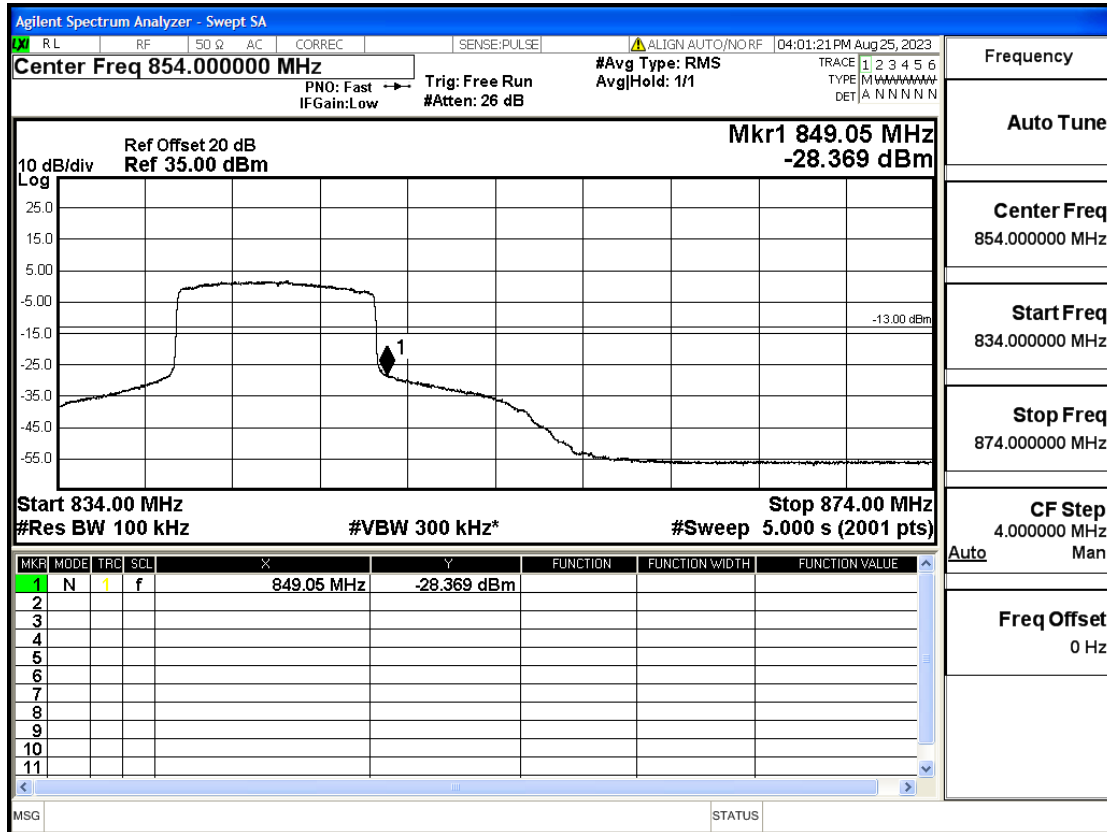


Band5-10-829-16QAM-1#LOW@Pass

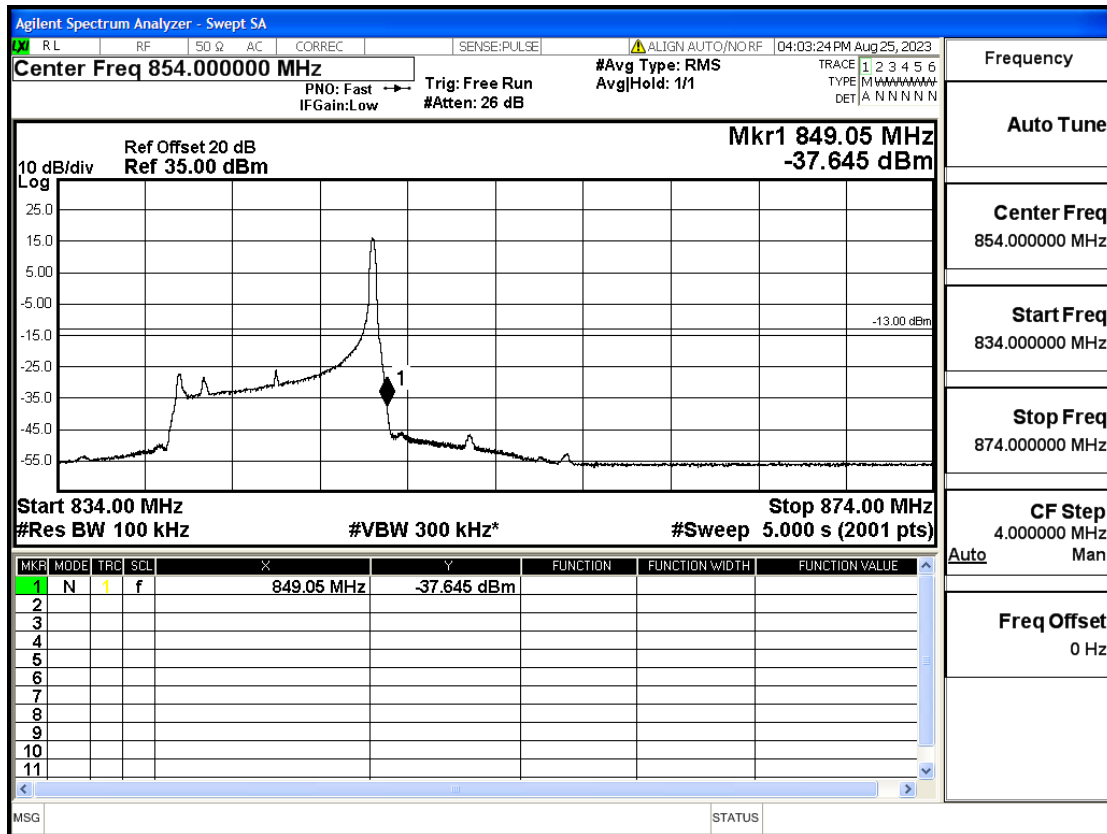




Band5-10-844-QPSK-50#LOW@Pass



Band5-10-844-QPSK-1#HIGH@Pass



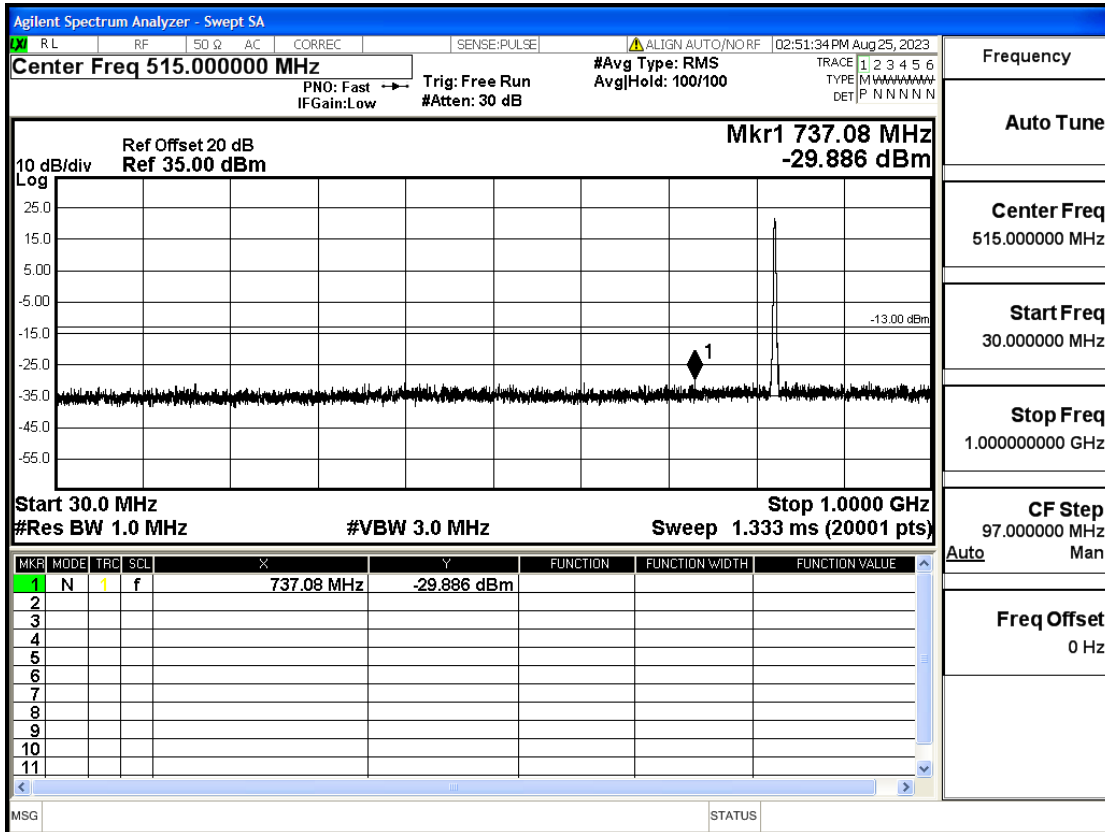


## Conducted Spurious Emission

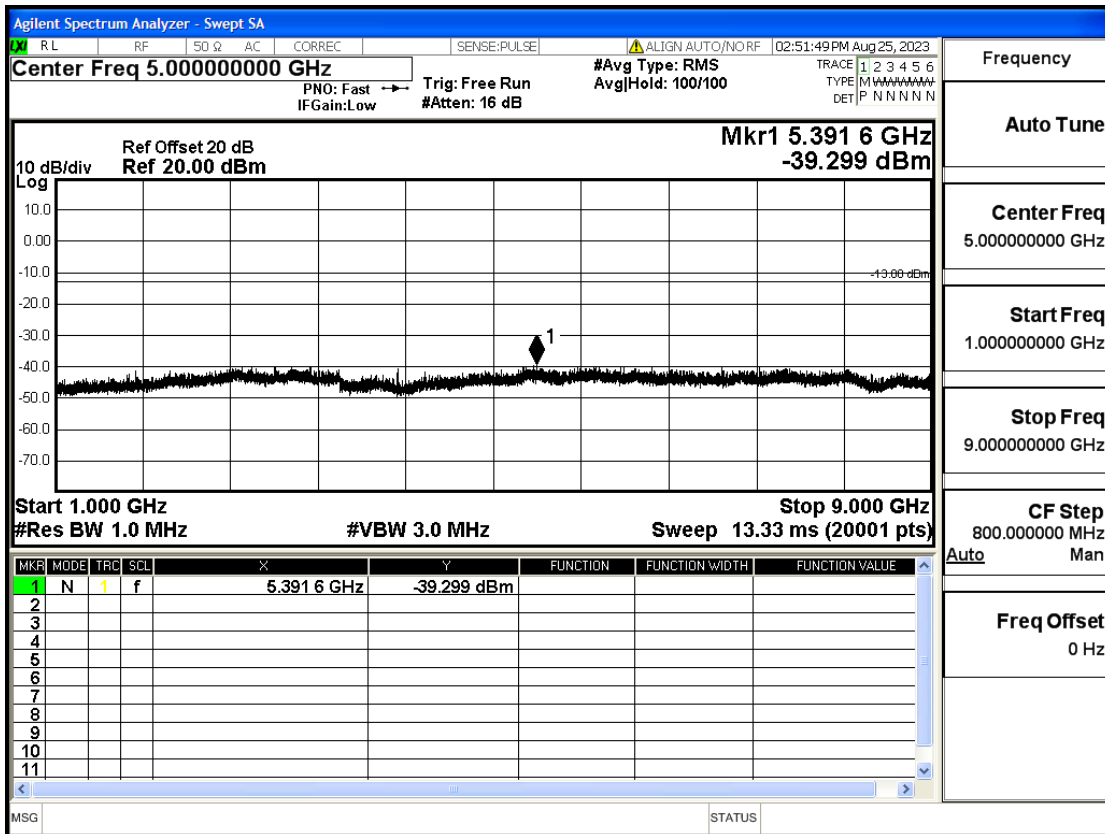
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB5	1.4	824.7	QPSK	6	LOW	30mHz-1GHz	Pass
OB5	1.4	824.7	QPSK	6	LOW	1GHz-9GHz	Pass
OB5	1.4	824.7	QPSK	1	LOW	30mHz-1GHz	Pass
OB5	1.4	824.7	QPSK	1	LOW	1GHz-9GHz	Pass
OB5	1.4	824.7	QPSK	1	HIGH	30mHz-1GHz	Pass
OB5	1.4	824.7	QPSK	1	HIGH	1GHz-9GHz	Pass
OB5	1.4	836.5	QPSK	6	LOW	30mHz-1GHz	Pass
OB5	1.4	836.5	QPSK	6	LOW	1GHz-9GHz	Pass
OB5	1.4	836.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB5	1.4	836.5	QPSK	1	LOW	1GHz-9GHz	Pass
OB5	1.4	836.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB5	1.4	836.5	QPSK	1	HIGH	1GHz-9GHz	Pass
OB5	1.4	848.3	QPSK	6	LOW	30mHz-1GHz	Pass
OB5	1.4	848.3	QPSK	6	LOW	1GHz-9GHz	Pass
OB5	1.4	848.3	QPSK	1	LOW	30mHz-1GHz	Pass
OB5	1.4	848.3	QPSK	1	LOW	1GHz-9GHz	Pass
OB5	1.4	848.3	QPSK	1	HIGH	30mHz-1GHz	Pass
OB5	1.4	848.3	QPSK	1	HIGH	1GHz-9GHz	Pass
OB5	3	825.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB5	3	825.5	QPSK	15	LOW	1GHz-9GHz	Pass
OB5	3	825.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB5	3	825.5	QPSK	1	LOW	1GHz-9GHz	Pass
OB5	3	825.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB5	3	825.5	QPSK	1	HIGH	1GHz-9GHz	Pass
OB5	3	836.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB5	3	836.5	QPSK	15	LOW	1GHz-9GHz	Pass
OB5	3	836.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB5	3	836.5	QPSK	1	LOW	1GHz-9GHz	Pass
OB5	3	836.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB5	3	836.5	QPSK	1	HIGH	1GHz-9GHz	Pass
OB5	3	847.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB5	3	847.5	QPSK	15	LOW	1GHz-9GHz	Pass
OB5	3	847.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB5	3	847.5	QPSK	1	LOW	1GHz-9GHz	Pass
OB5	3	847.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB5	3	847.5	QPSK	1	HIGH	1GHz-9GHz	Pass
OB5	5	826.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB5	5	826.5	QPSK	25	LOW	1GHz-9GHz	Pass
OB5	5	826.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB5	5	826.5	QPSK	1	LOW	1GHz-9GHz	Pass

OB5	5	826.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB5	5	826.5	QPSK	1	HIGH	1GHz-9GHz	Pass
OB5	5	836.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB5	5	836.5	QPSK	25	LOW	1GHz-9GHz	Pass
OB5	5	836.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB5	5	836.5	QPSK	1	LOW	1GHz-9GHz	Pass
OB5	5	836.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB5	5	836.5	QPSK	1	HIGH	1GHz-9GHz	Pass
OB5	5	846.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB5	5	846.5	QPSK	25	LOW	1GHz-9GHz	Pass
OB5	5	846.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB5	5	846.5	QPSK	1	LOW	1GHz-9GHz	Pass
OB5	5	846.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB5	5	846.5	QPSK	1	HIGH	1GHz-9GHz	Pass
OB5	10	829	QPSK	50	LOW	30mHz-1GHz	Pass
OB5	10	829	QPSK	50	LOW	1GHz-9GHz	Pass
OB5	10	829	QPSK	1	LOW	30mHz-1GHz	Pass
OB5	10	829	QPSK	1	LOW	1GHz-9GHz	Pass
OB5	10	829	QPSK	1	HIGH	30mHz-1GHz	Pass
OB5	10	829	QPSK	1	HIGH	1GHz-9GHz	Pass
OB5	10	836.5	QPSK	50	LOW	30mHz-1GHz	Pass
OB5	10	836.5	QPSK	50	LOW	1GHz-9GHz	Pass
OB5	10	836.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB5	10	836.5	QPSK	1	LOW	1GHz-9GHz	Pass
OB5	10	836.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB5	10	836.5	QPSK	1	HIGH	1GHz-9GHz	Pass
OB5	10	844	QPSK	50	LOW	30mHz-1GHz	Pass
OB5	10	844	QPSK	50	LOW	1GHz-9GHz	Pass
OB5	10	844	QPSK	1	LOW	30mHz-1GHz	Pass
OB5	10	844	QPSK	1	LOW	1GHz-9GHz	Pass
OB5	10	844	QPSK	1	HIGH	30mHz-1GHz	Pass
OB5	10	844	QPSK	1	HIGH	1GHz-9GHz	Pass

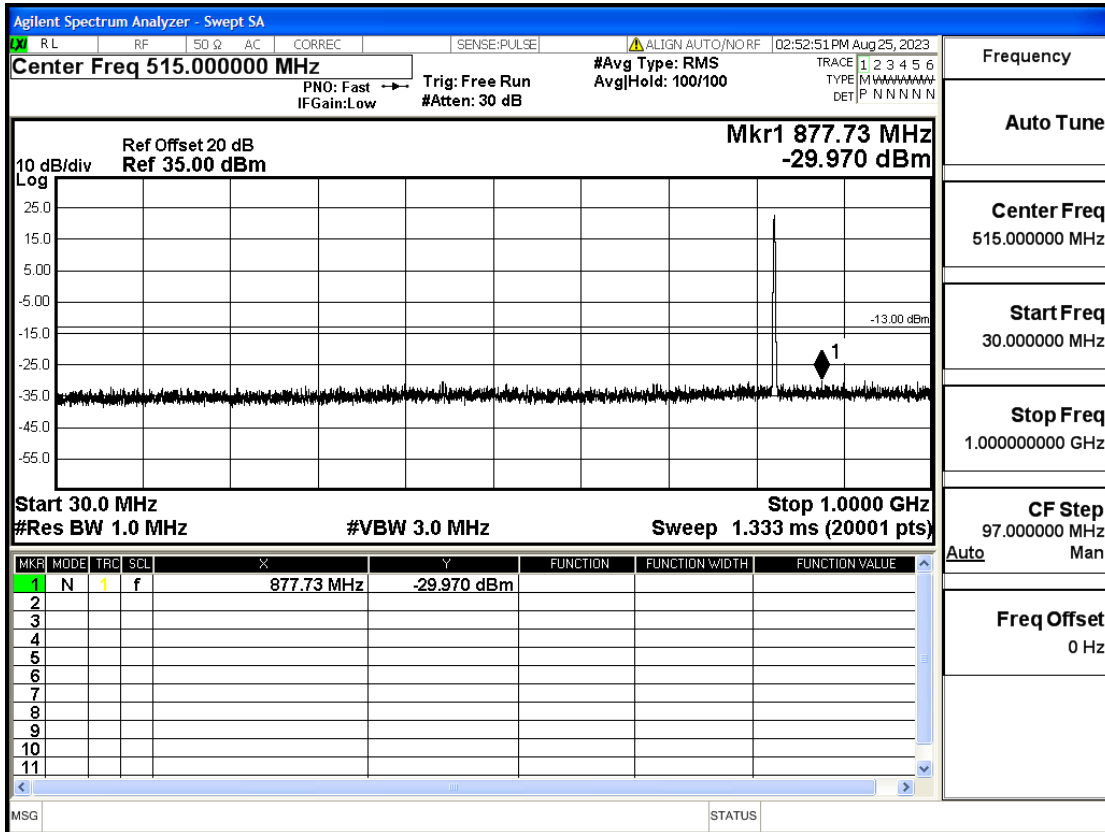
OB5-1.4-824.7-QPSK-6#LOW@30MHz-1GHz@Pass



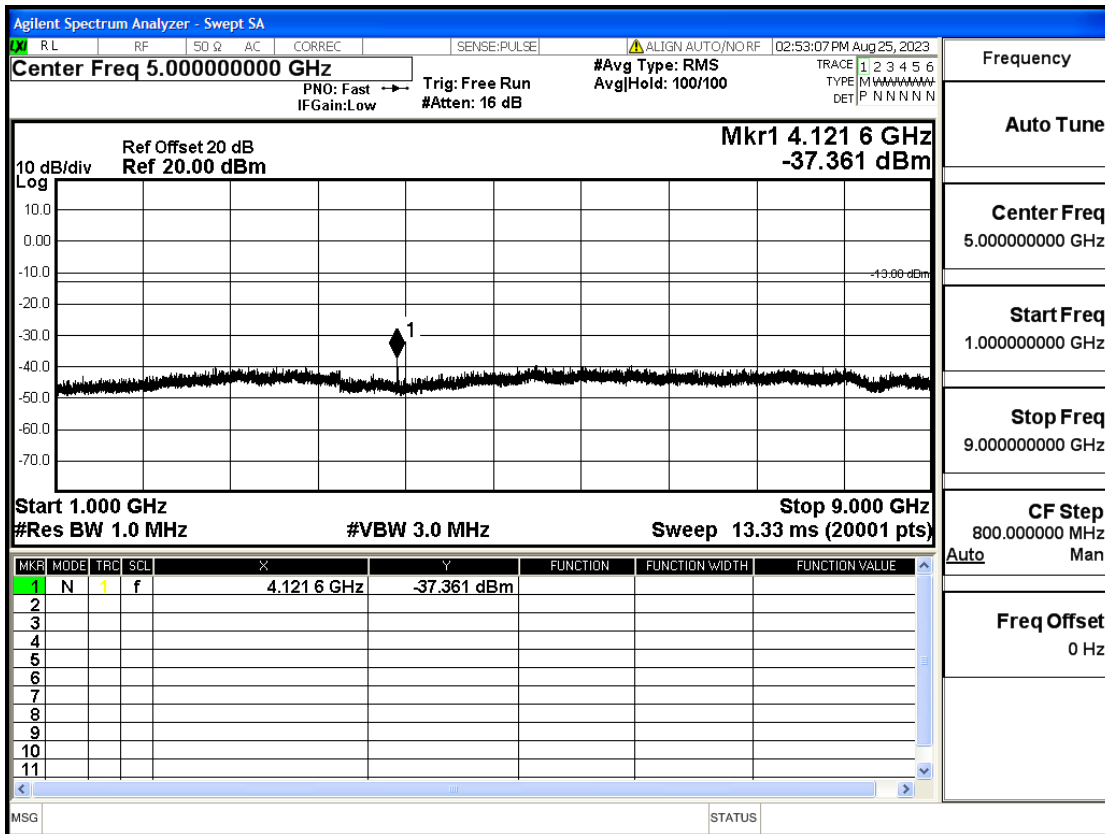
OB5-1.4-824.7-QPSK-6#LOW@1GHz-9GHz@Pass



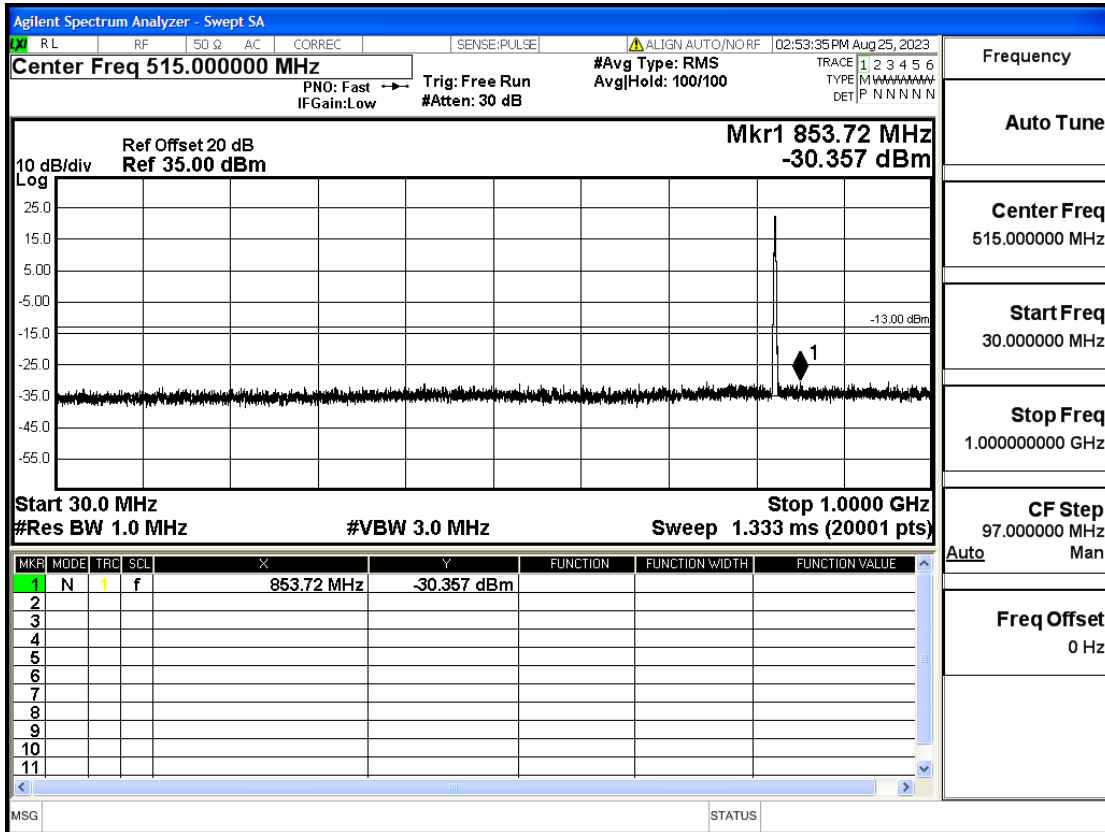
OB5-1.4-824.7-QPSK-1#LOW@30MHz-1GHz@Pass



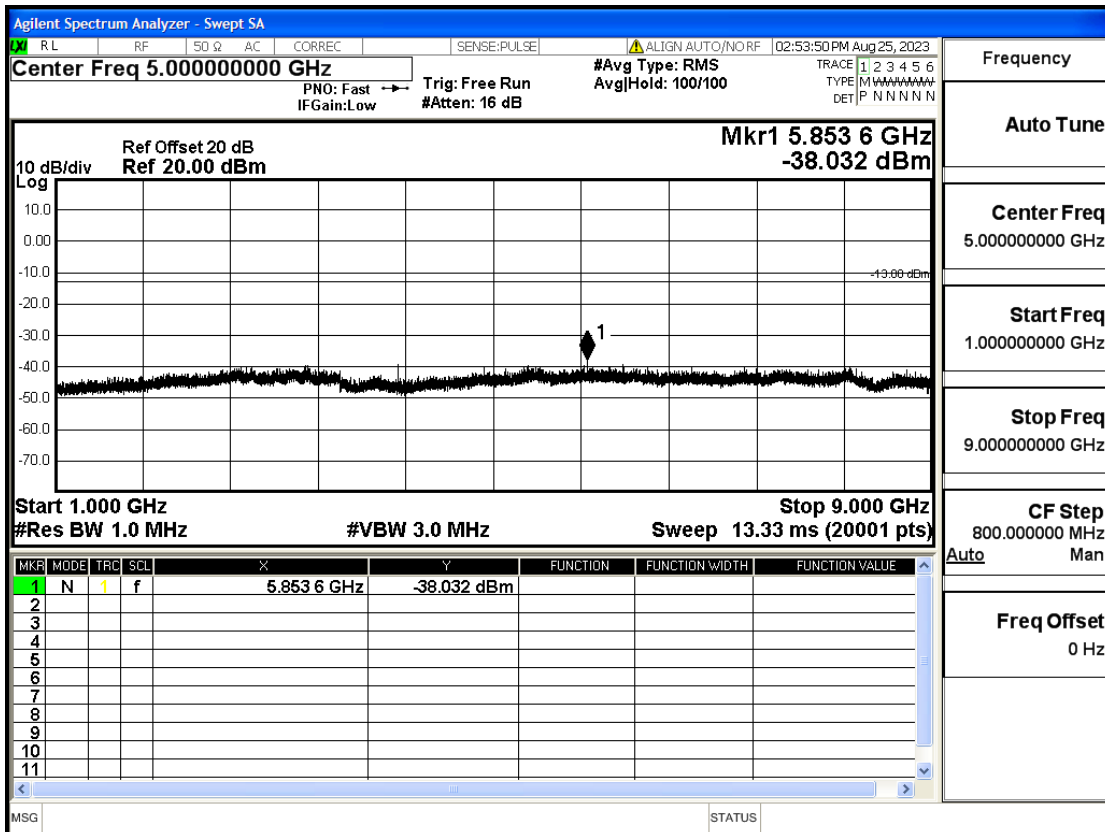
OB5-1.4-824.7-QPSK-1#LOW@1GHz-9GHz@Pass



OB5-1.4-824.7-QPSK-1#HIGH@30mHz-1GHz@Pass



OB5-1.4-824.7-QPSK-1#HIGH@1GHz-9GHz@Pass

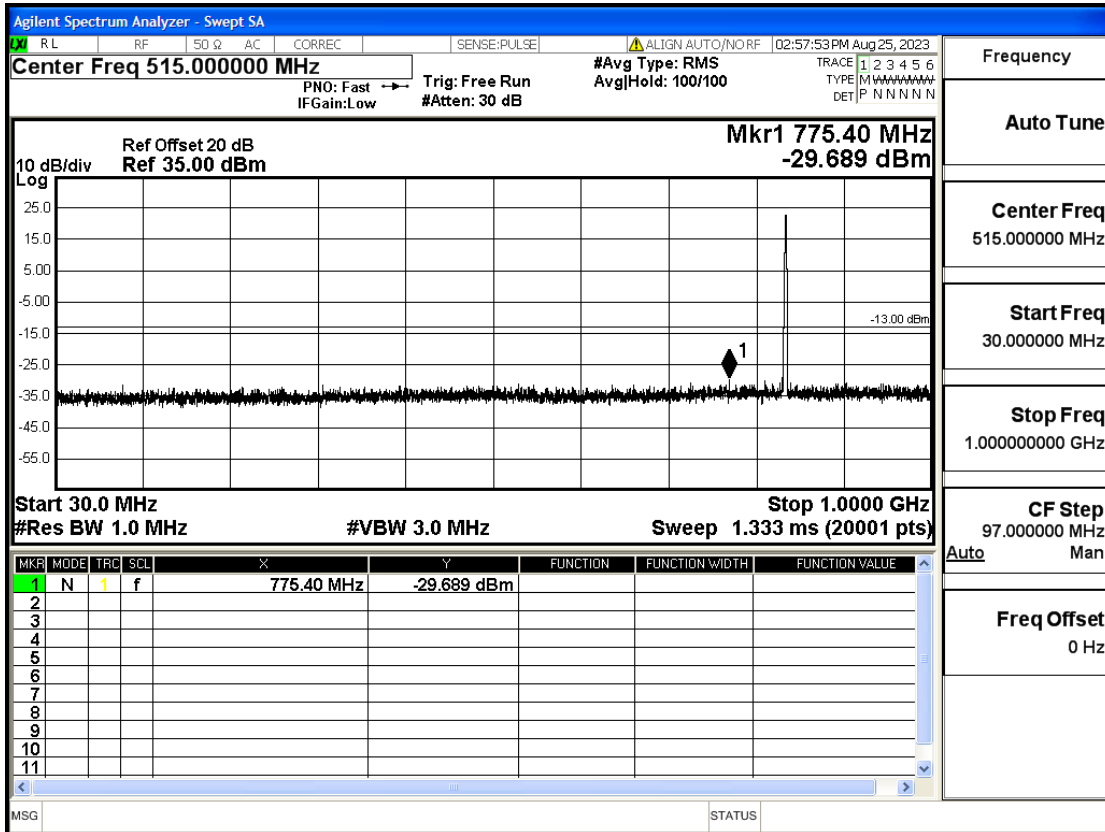




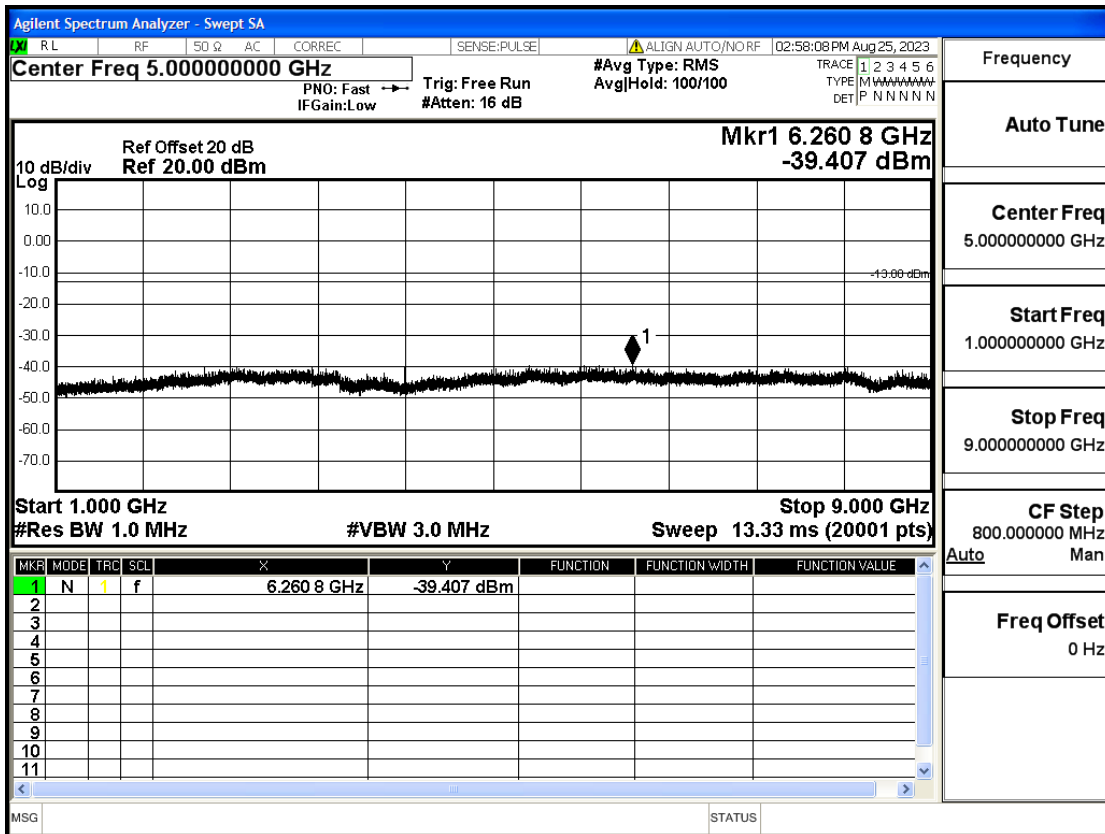




OB5-1.4-836.5-QPSK-1#HIGH@30mHz-1GHz@Pass

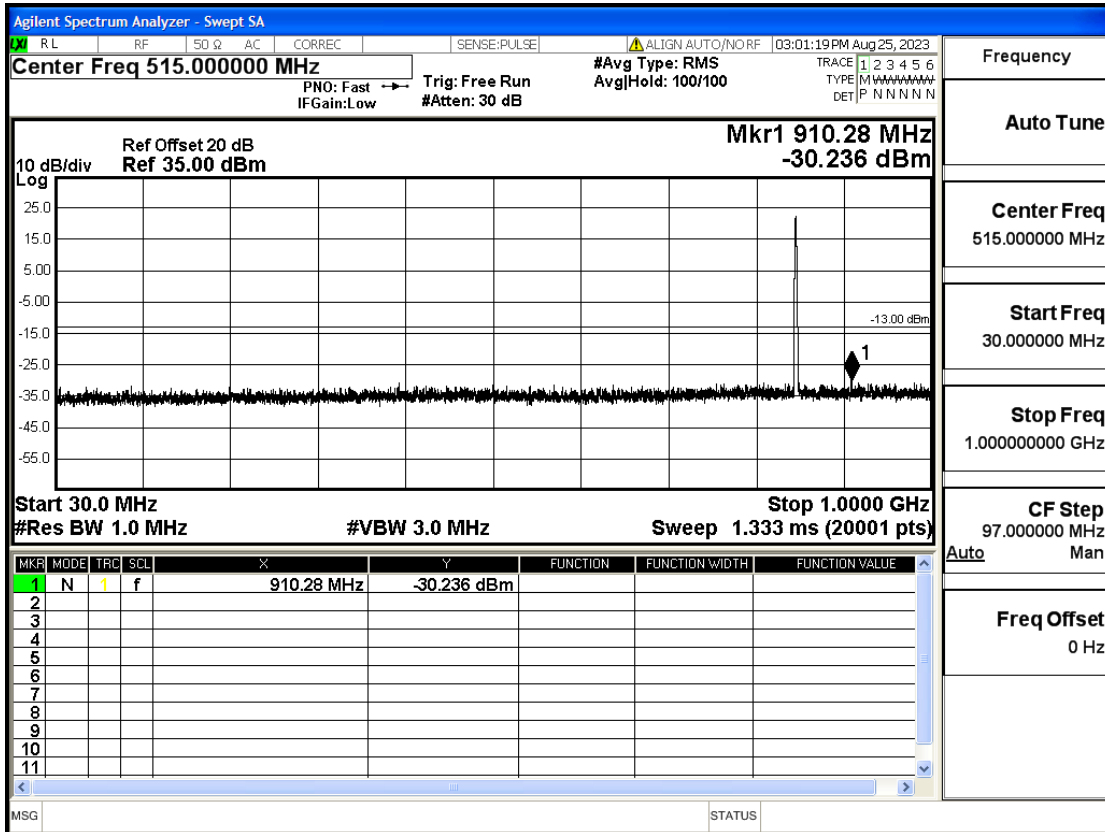


OB5-1.4-836.5-QPSK-1#HIGH@1GHz-9GHz@Pass

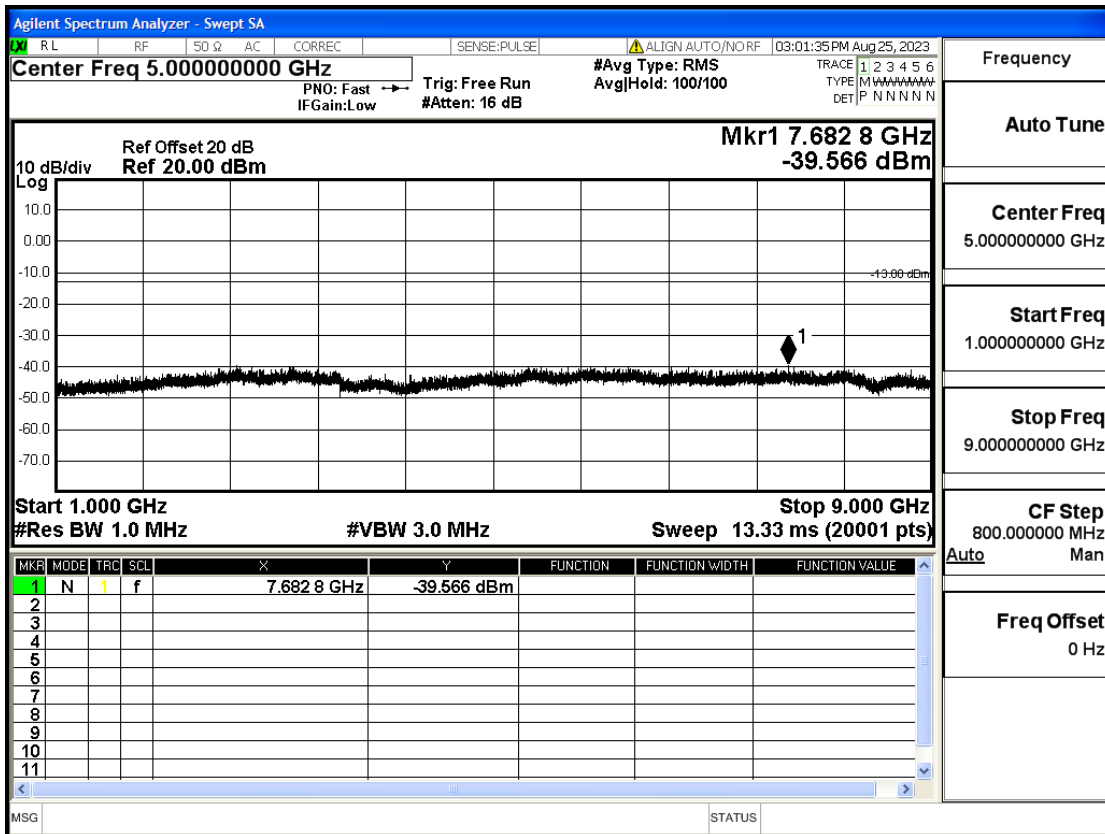




OB5-1.4-848.3-QPSK-1#LOW@30MHz-1GHz@Pass



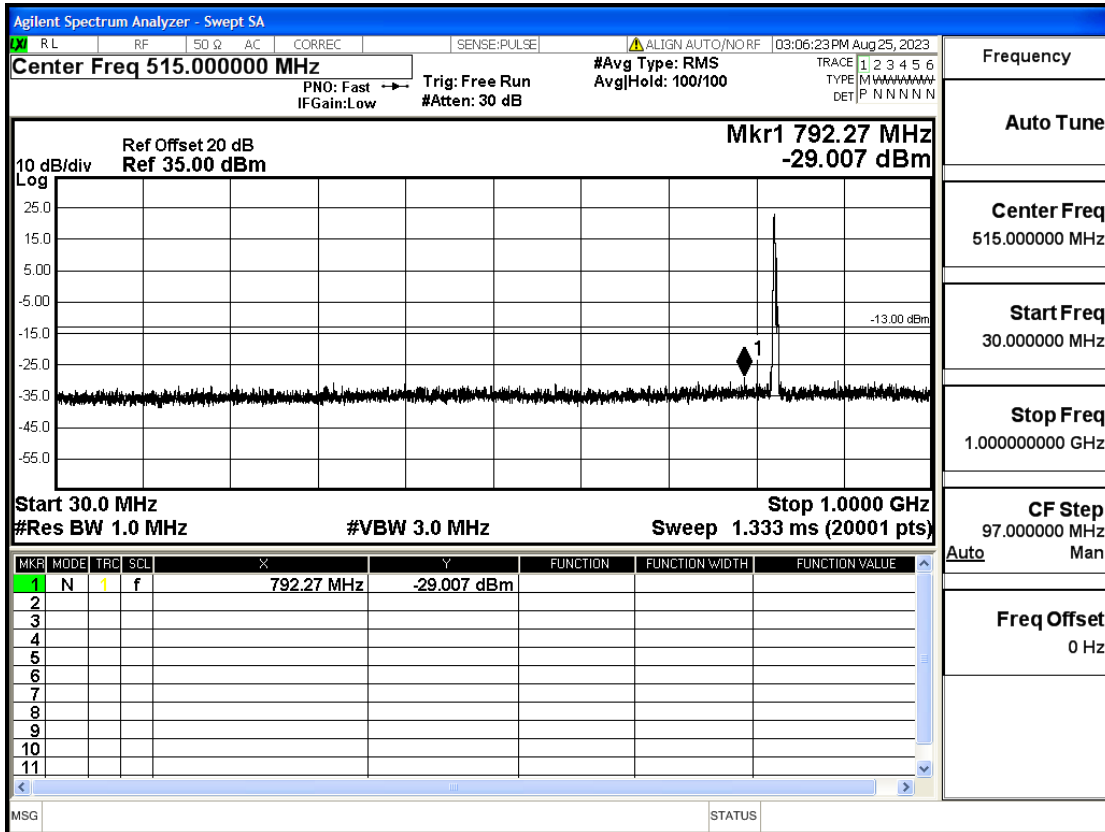
OB5-1.4-848.3-QPSK-1#LOW@1GHz-9GHz@Pass





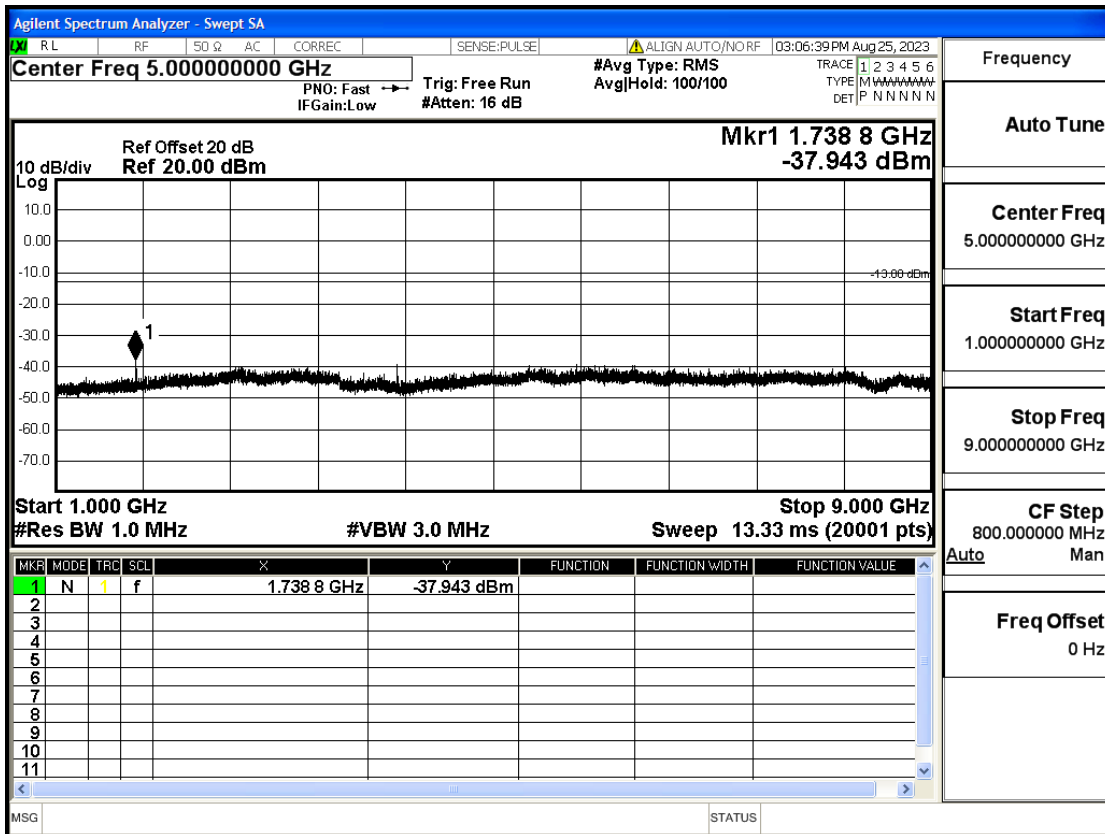


OB5-3-825.5-QPSK-1#LOW@30mHz-1GHz@Pass



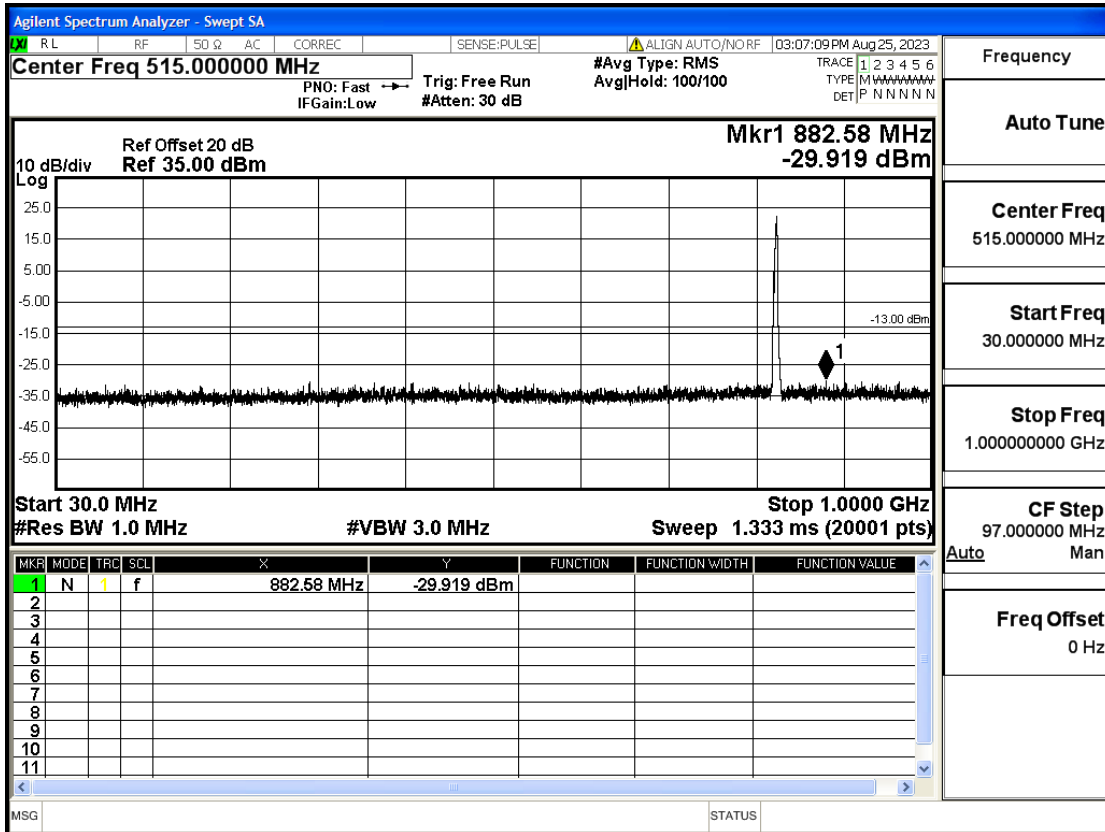
Frequency
Auto Tune
Center Freq 515.000000 MHz
Start Freq 30.000000 MHz
Stop Freq 1.00000000 GHz
CF Step 97.000000 MHz
Auto Man
Freq Offset 0 Hz

OB5-3-825.5-QPSK-1#LOW@1GHz-9GHz@Pass

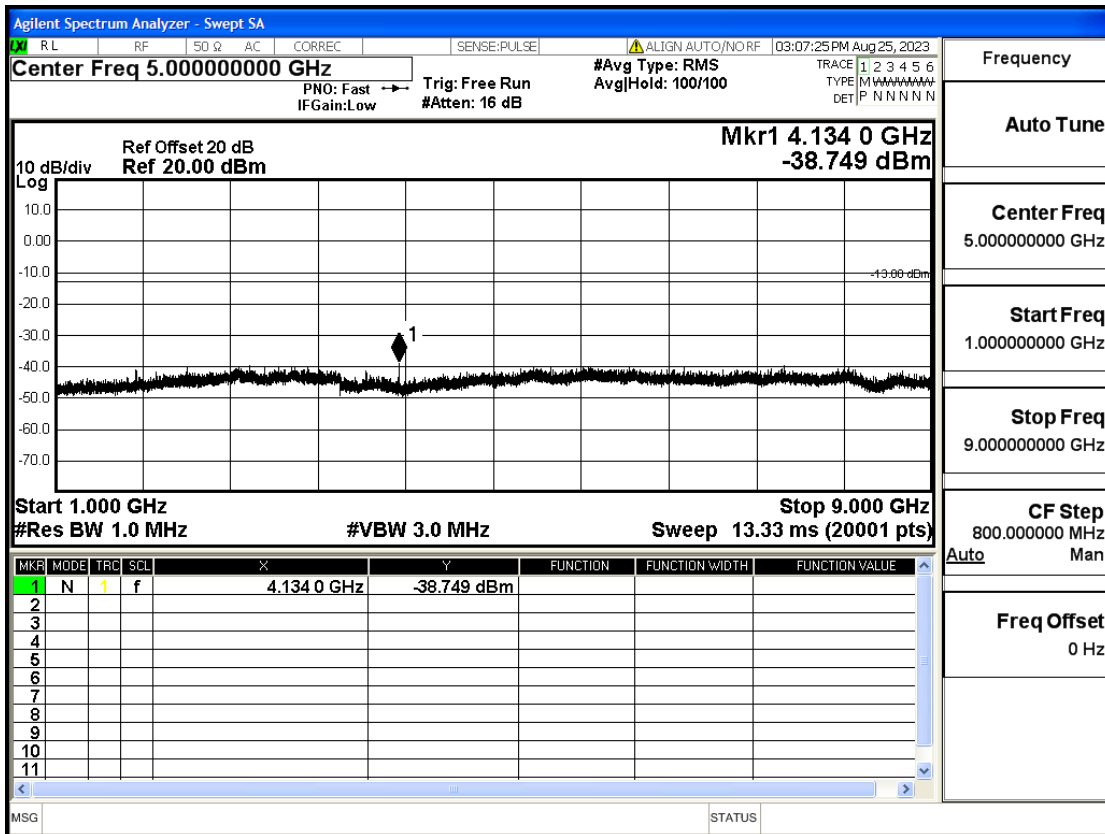


Frequency
Auto Tune
Center Freq 5.00000000 GHz
Start Freq 1.00000000 GHz
Stop Freq 9.00000000 GHz
CF Step 800.000000 MHz
Auto Man
Freq Offset 0 Hz

OB5-3-825.5-QPSK-1#HIGH@30mHz-1GHz@Pass

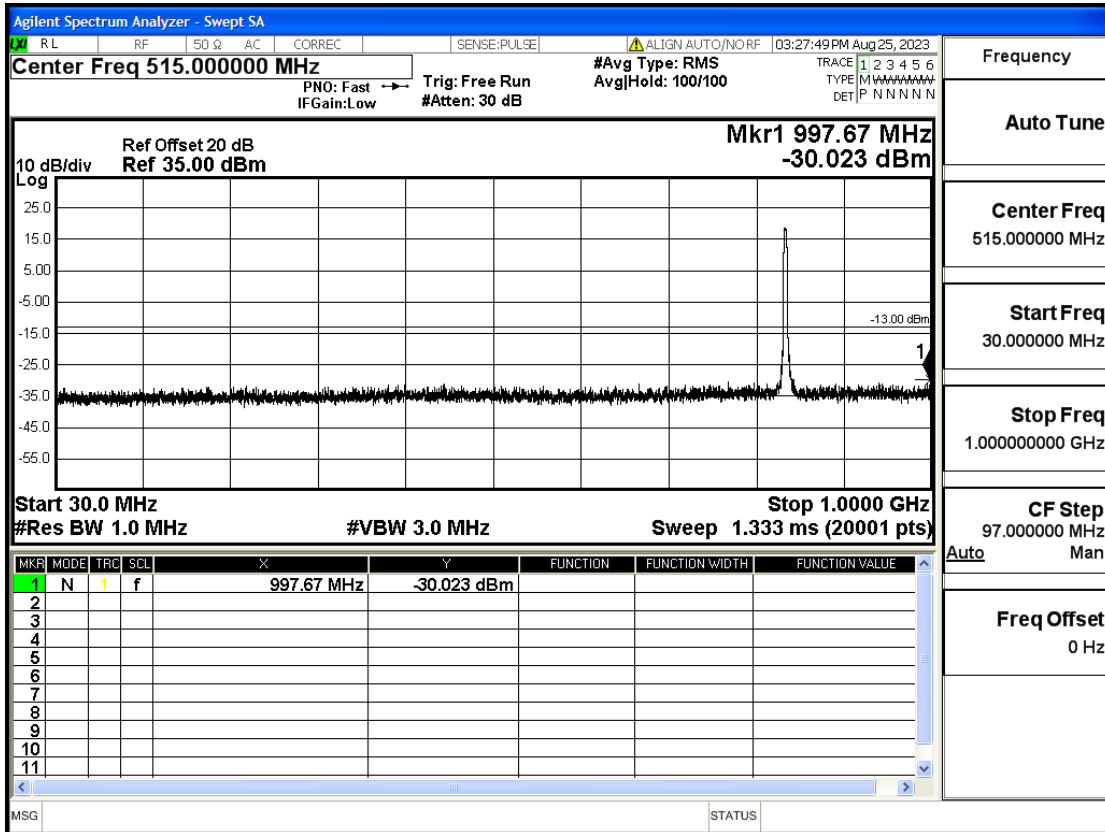


OB5-3-825.5-QPSK-1#HIGH@1GHz-9GHz@Pass

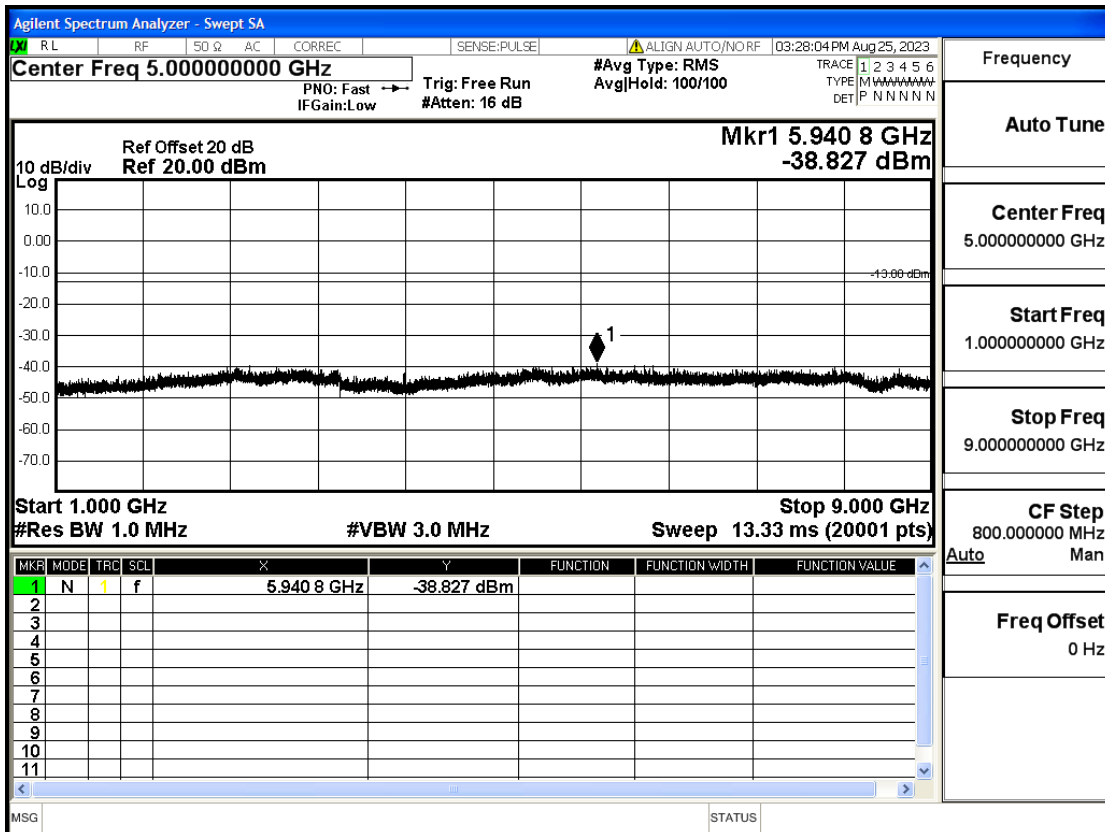




OB5-3-836.5-QPSK-15#LOW@30mHz-1GHz@Pass



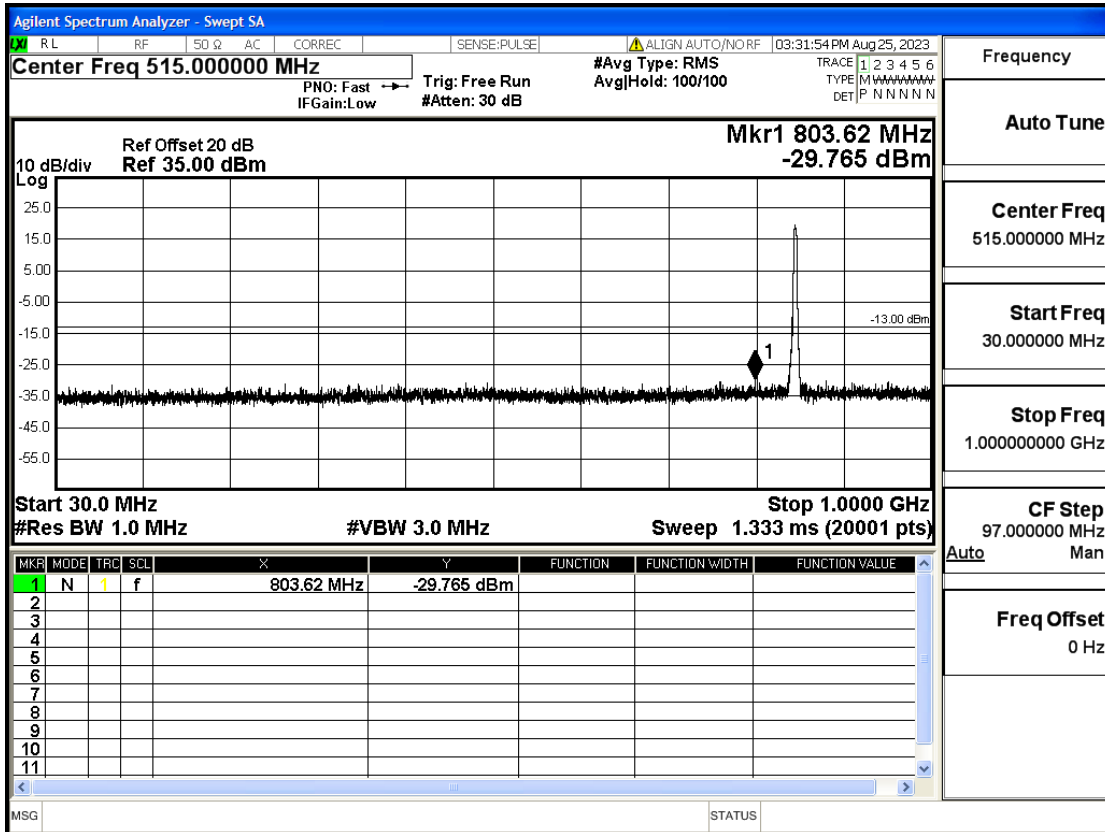
OB5-3-836.5-QPSK-15#LOW@1GHz-9GHz@Pass



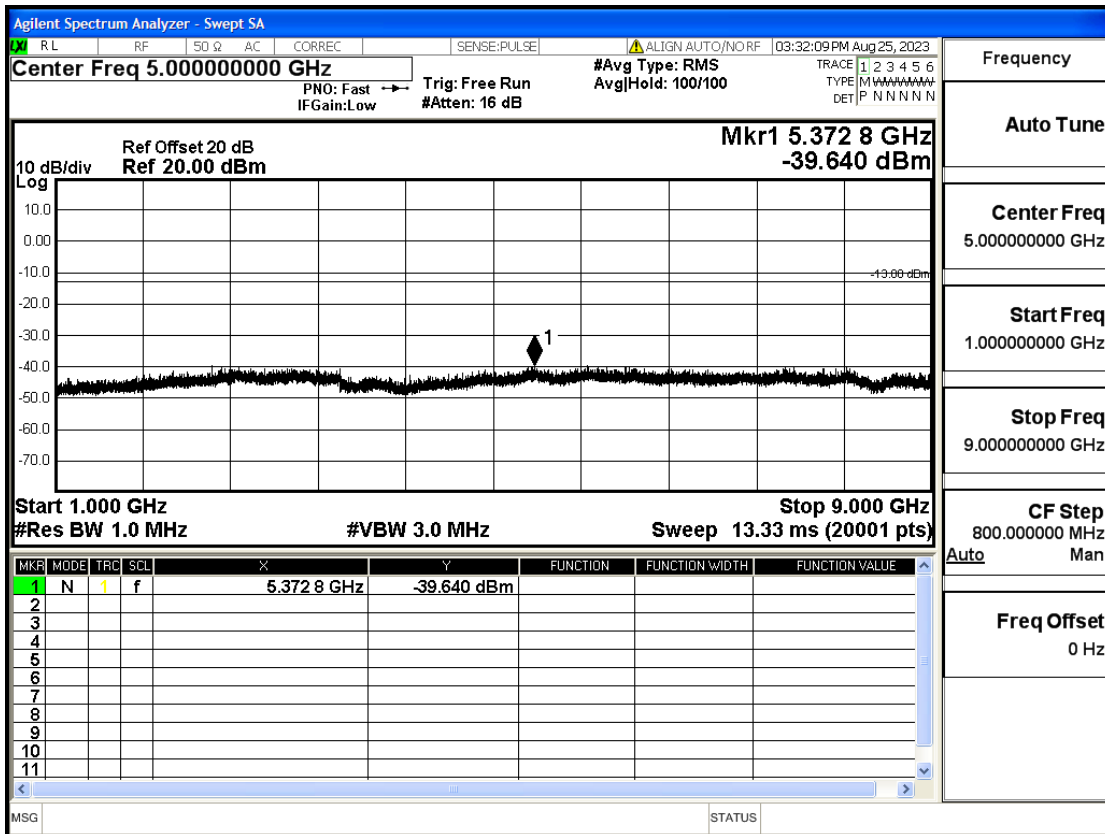




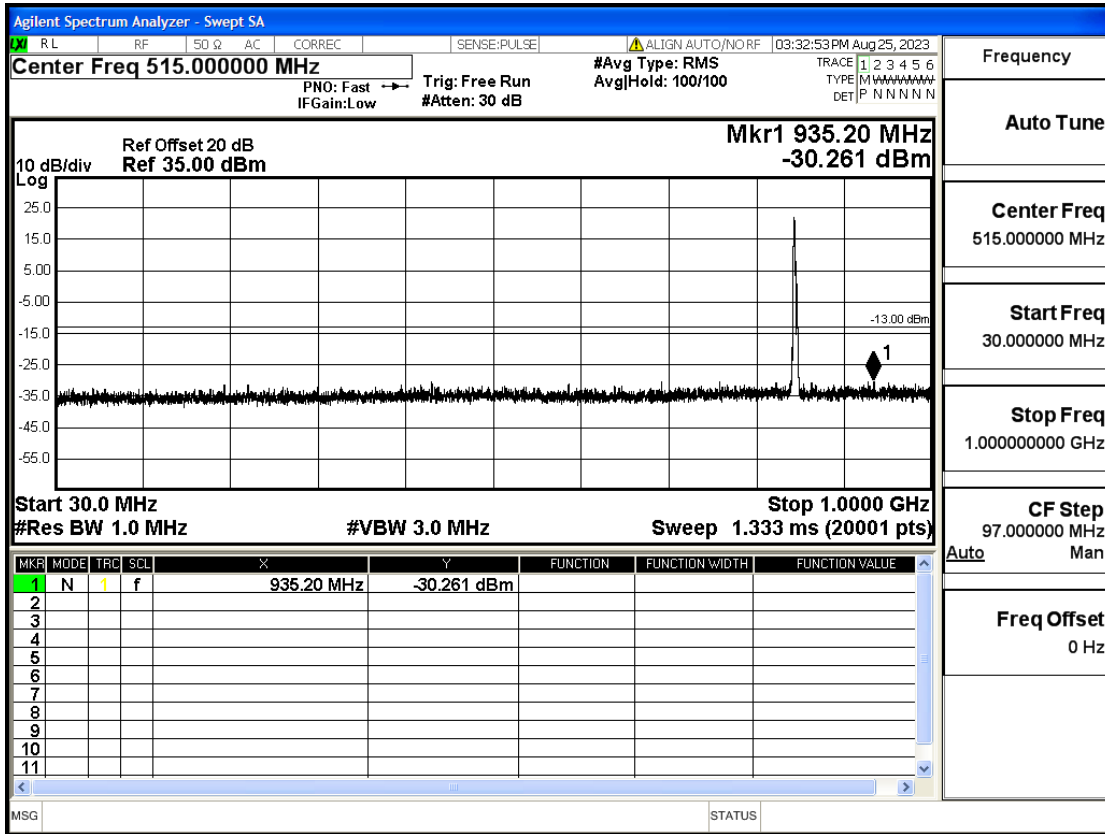
OB5-3-847.5-QPSK-15#LOW@30mHz-1GHz@Pass



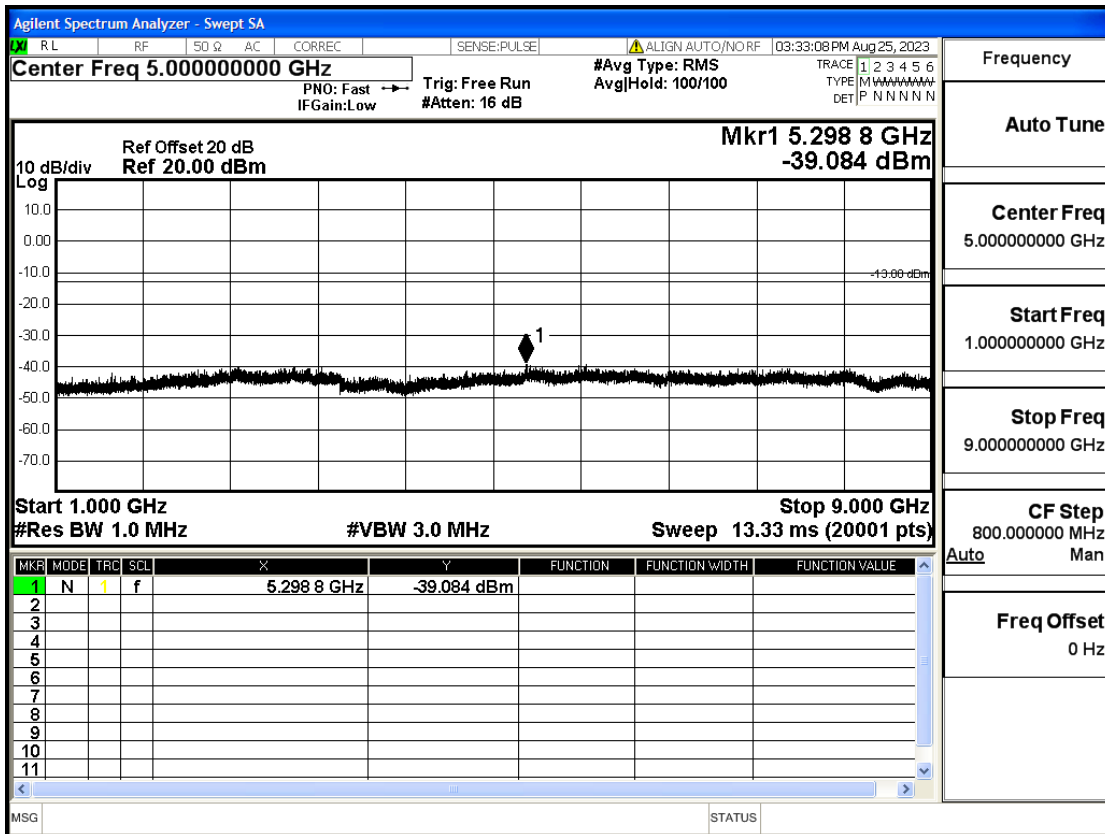
OB5-3-847.5-QPSK-15#LOW@1GHz-9GHz@Pass



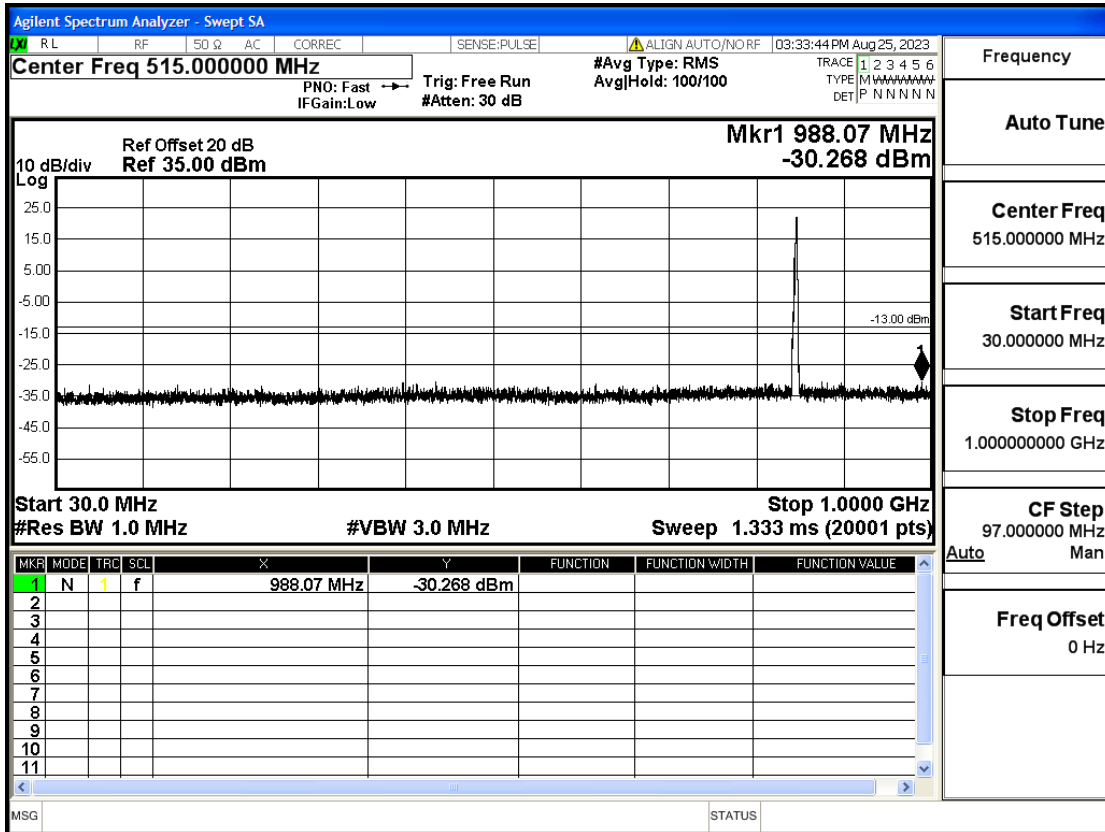
OB5-3-847.5-QPSK-1#LOW@30mHz-1GHz@Pass



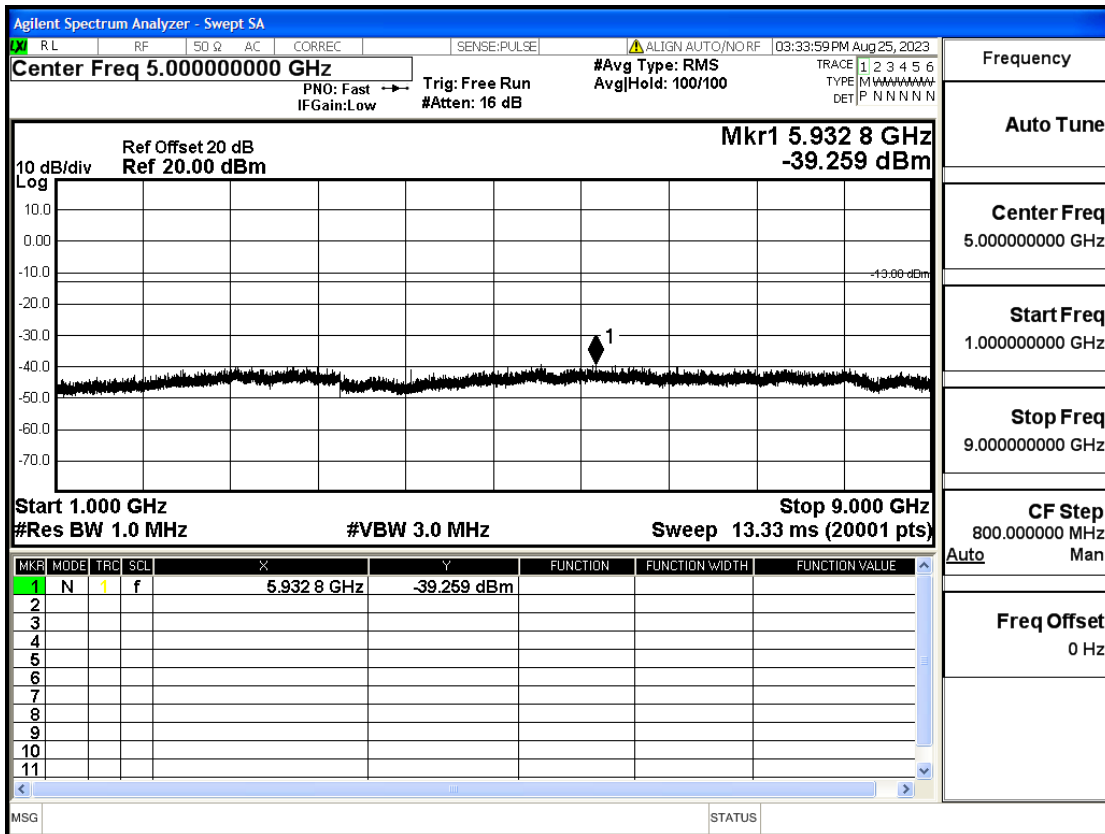
OB5-3-847.5-QPSK-1#LOW@1GHz-9GHz@Pass



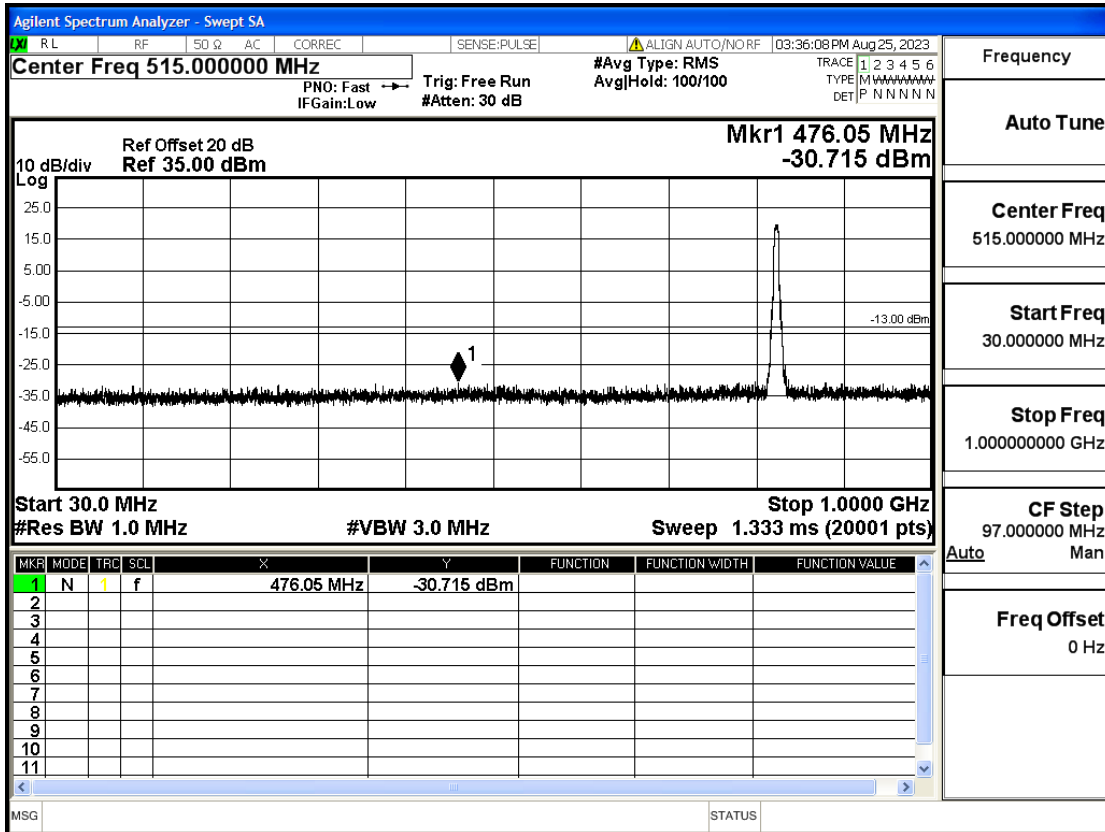
OB5-3-847.5-QPSK-1#HIGH@30mHz-1GHz@Pass



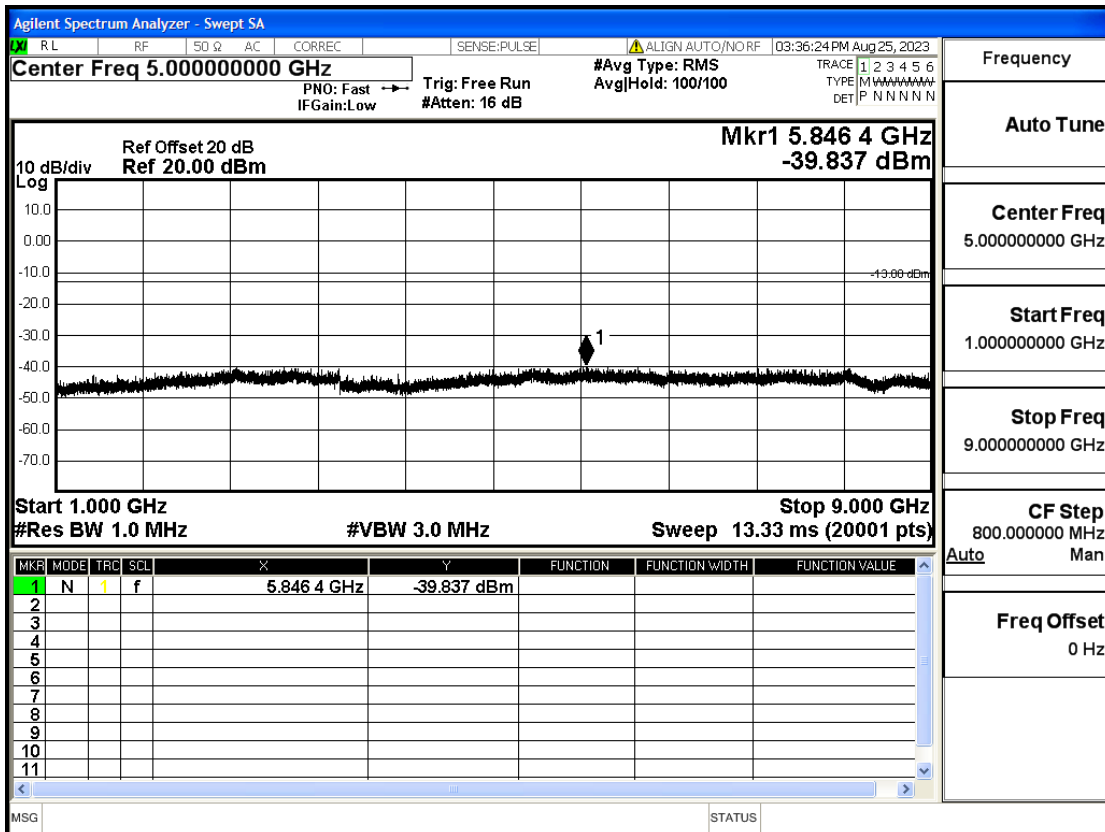
OB5-3-847.5-QPSK-1#HIGH@1GHz-9GHz@Pass



OB5-5-826.5-QPSK-25#LOW@30mHz-1GHz@Pass



OB5-5-826.5-QPSK-25#LOW@1GHz-9GHz@Pass

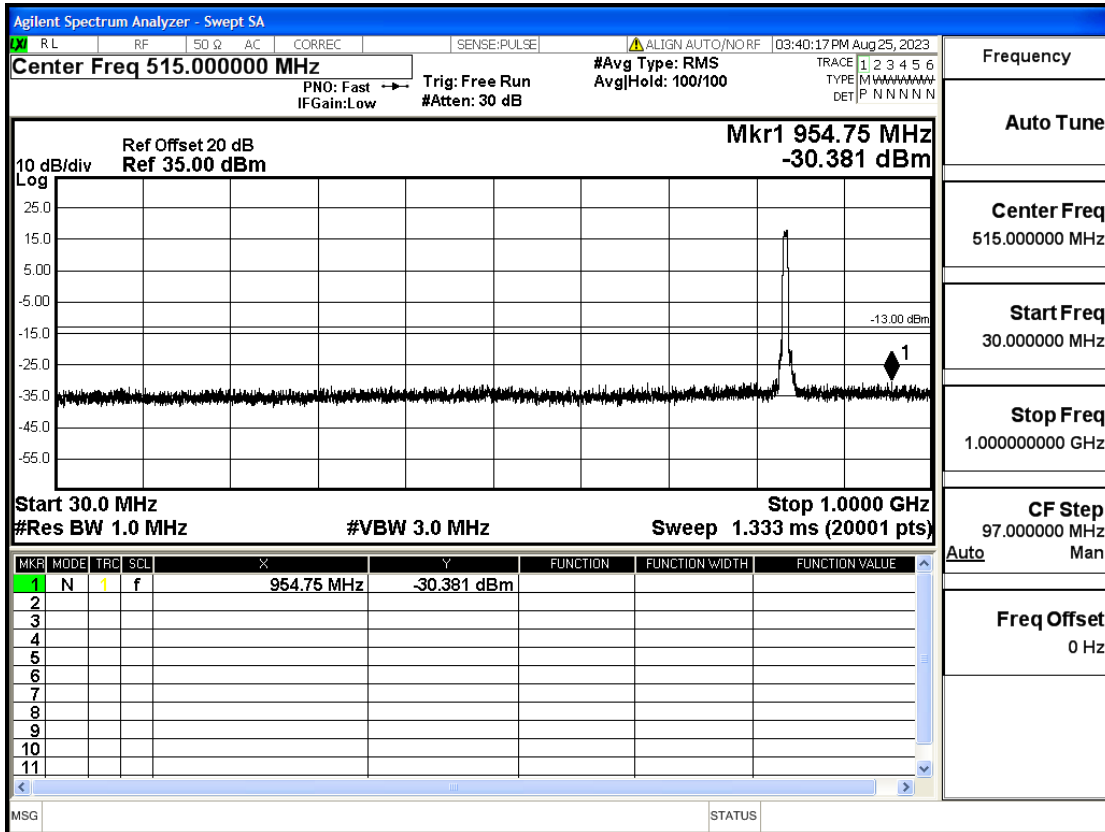




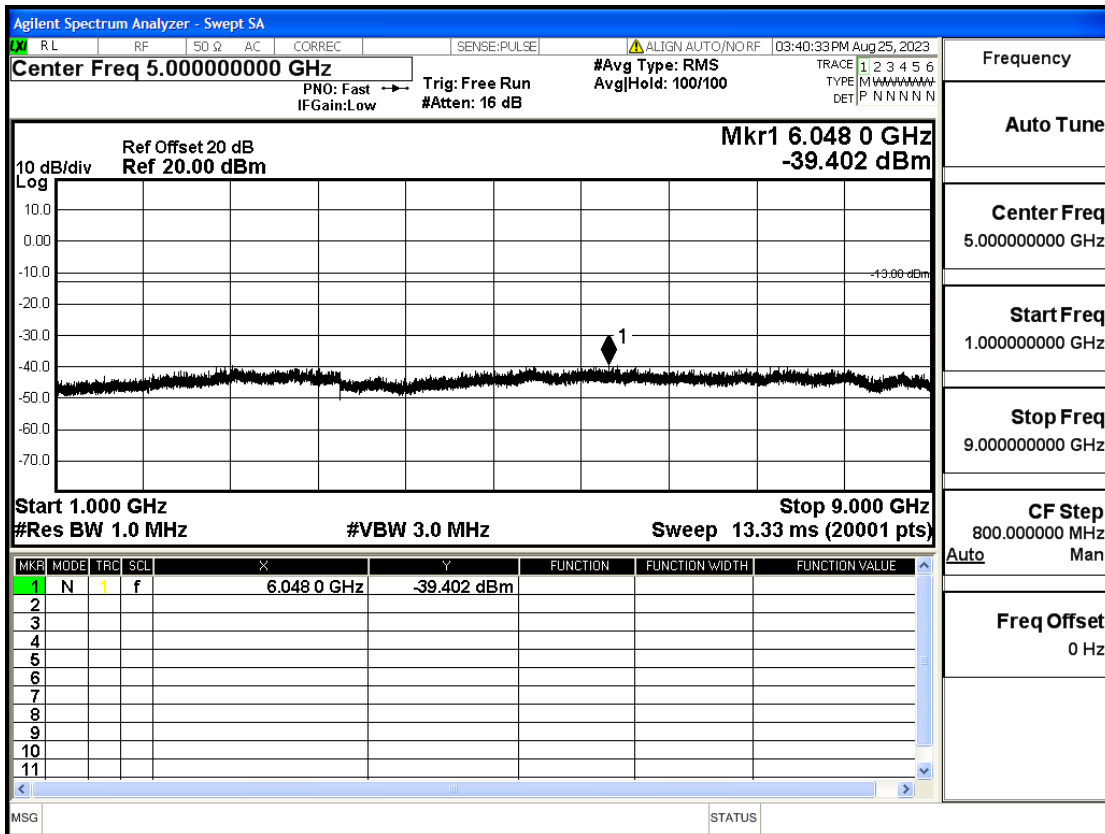




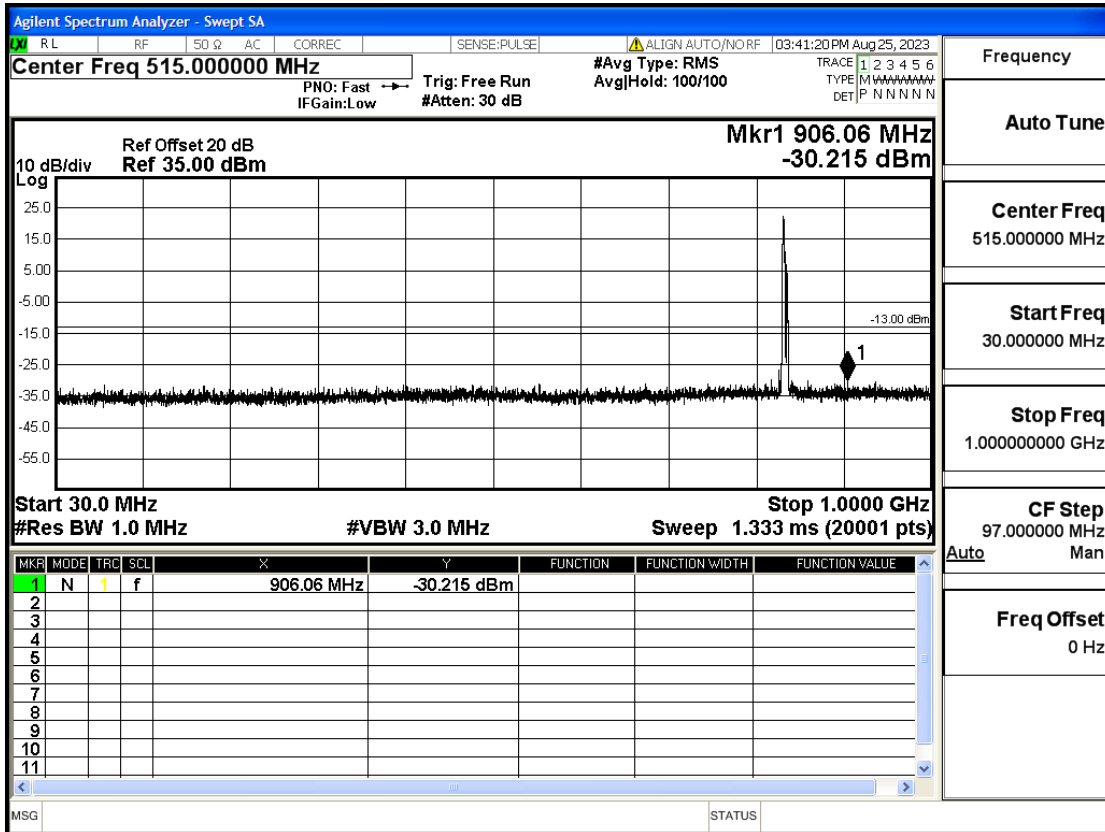
OB5-5-836.5-QPSK-25#LOW@30mHz-1GHz@Pass



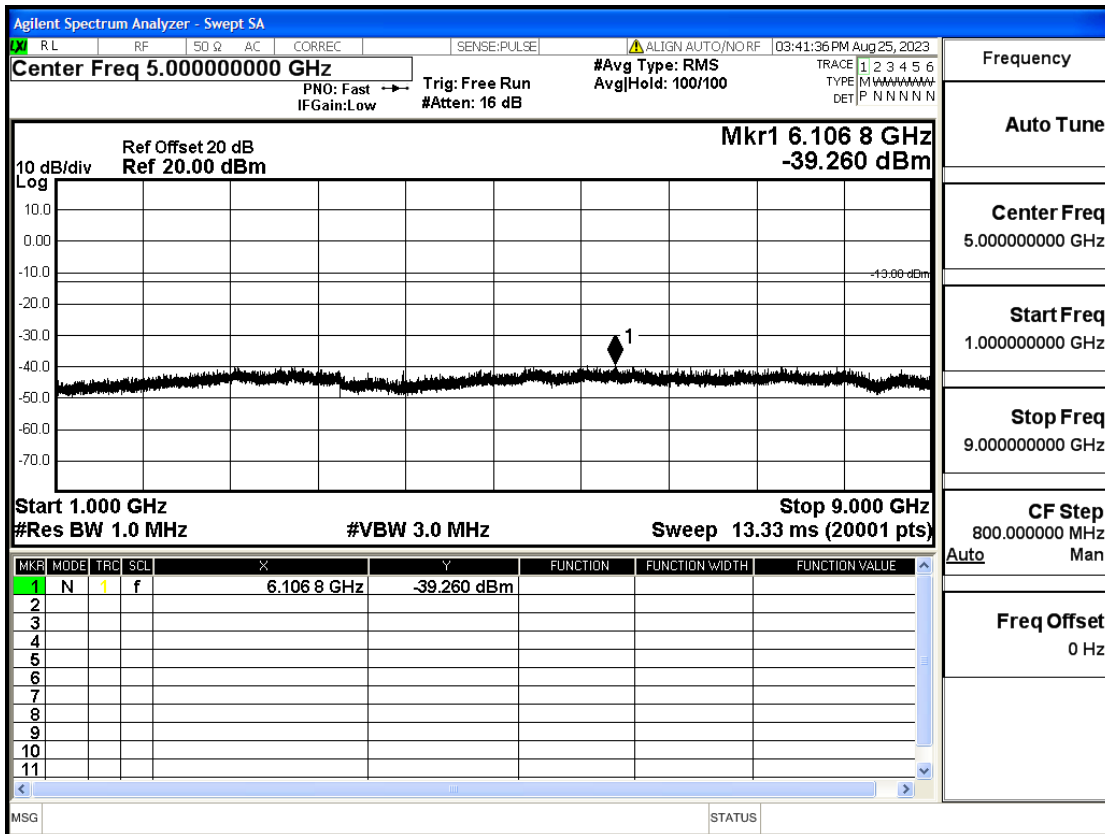
OB5-5-836.5-QPSK-25#LOW@1GHz-9GHz@Pass



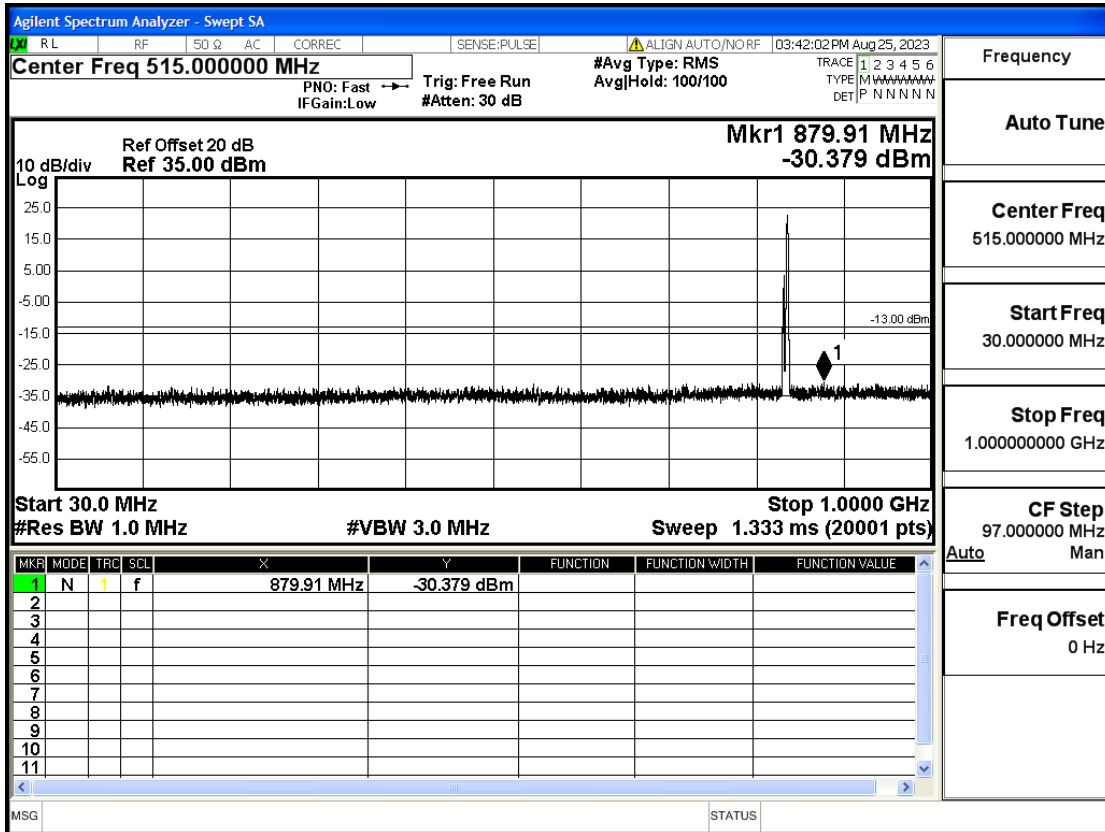
OB5-5-836.5-QPSK-1#LOW@30mHz-1GHz@Pass



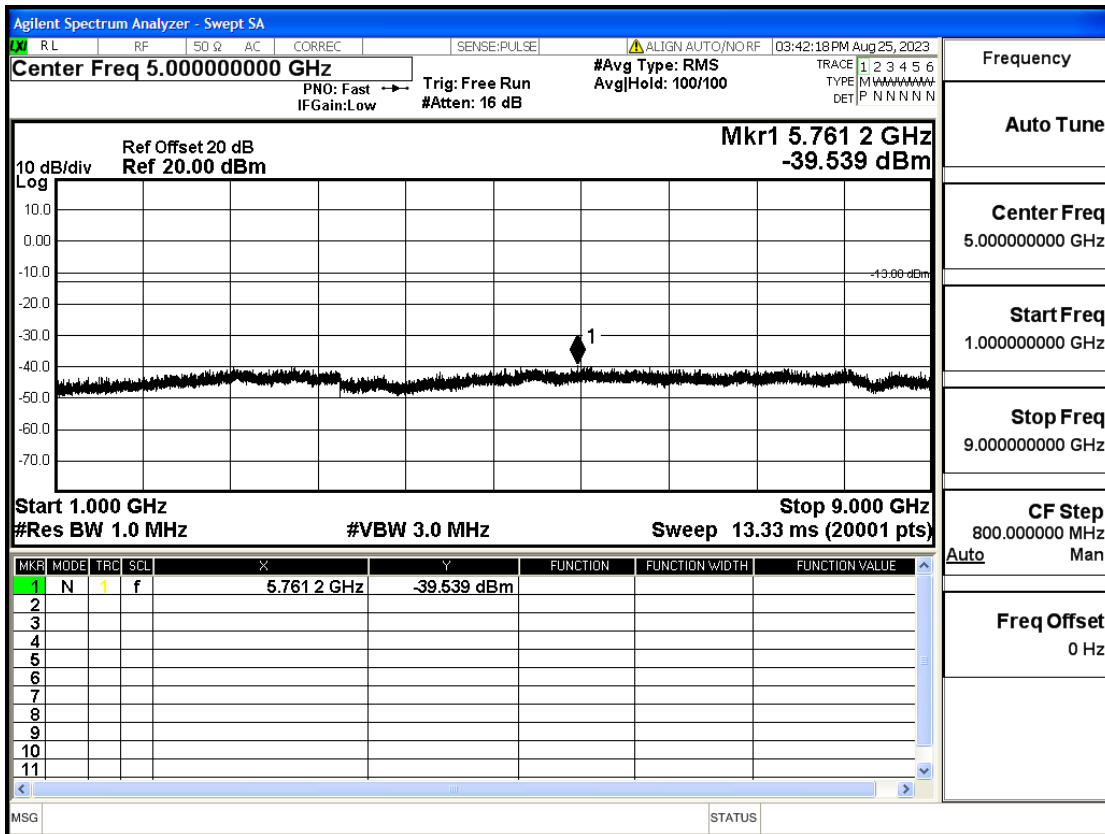
OB5-5-836.5-QPSK-1#LOW@1GHz-9GHz@Pass



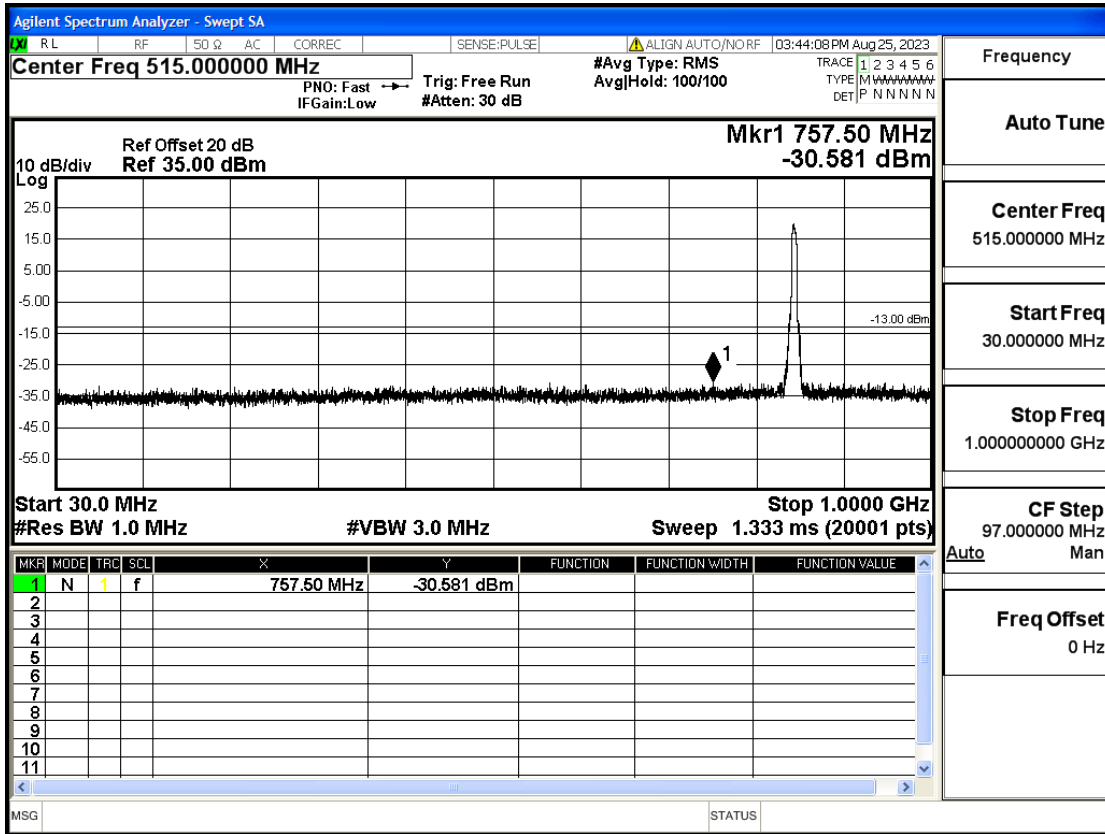
OB5-5-836.5-QPSK-1#HIGH@30mHz-1GHz@Pass



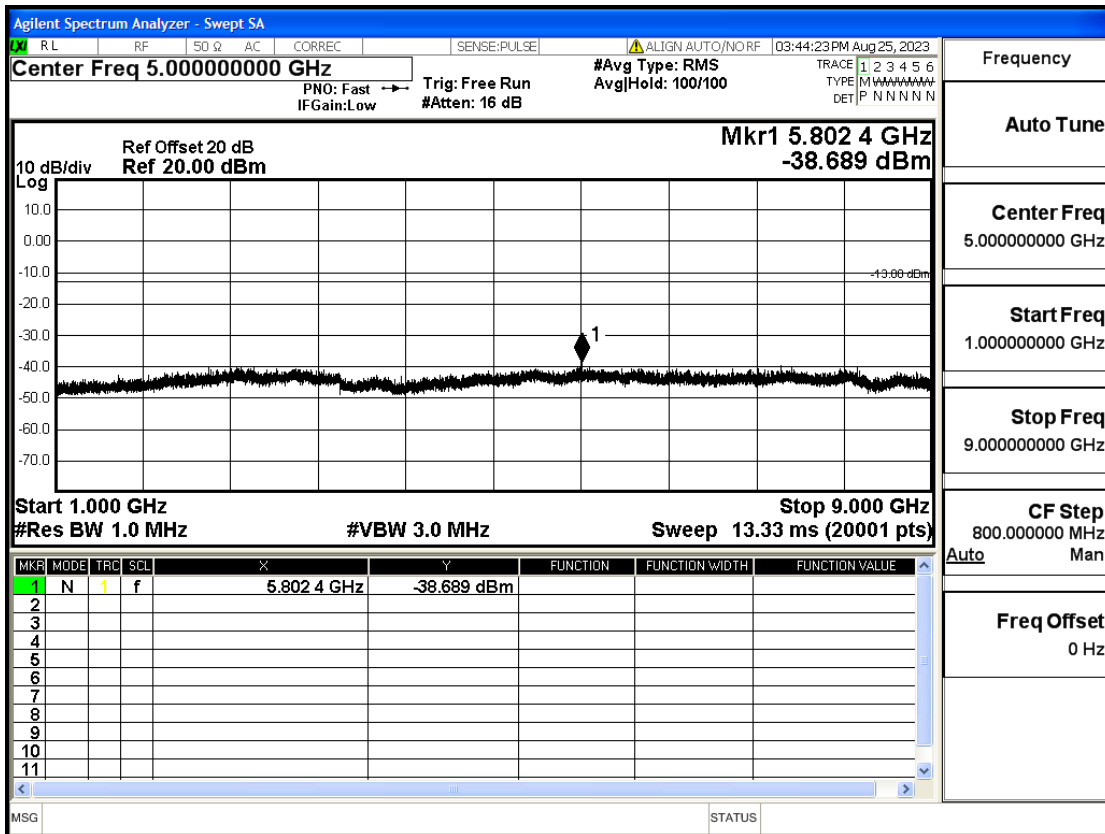
OB5-5-836.5-QPSK-1#HIGH@1GHz-9GHz@Pass



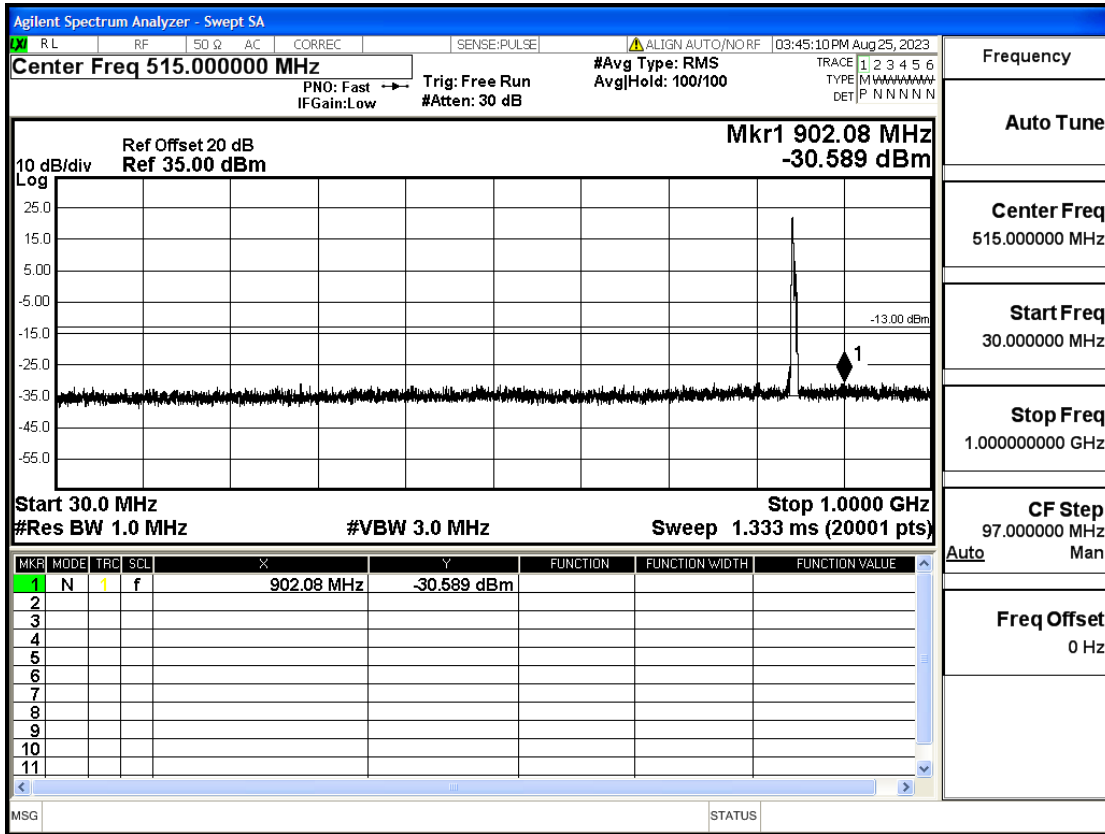
OB5-5-846.5-QPSK-25#LOW@30mHz-1GHz@Pass



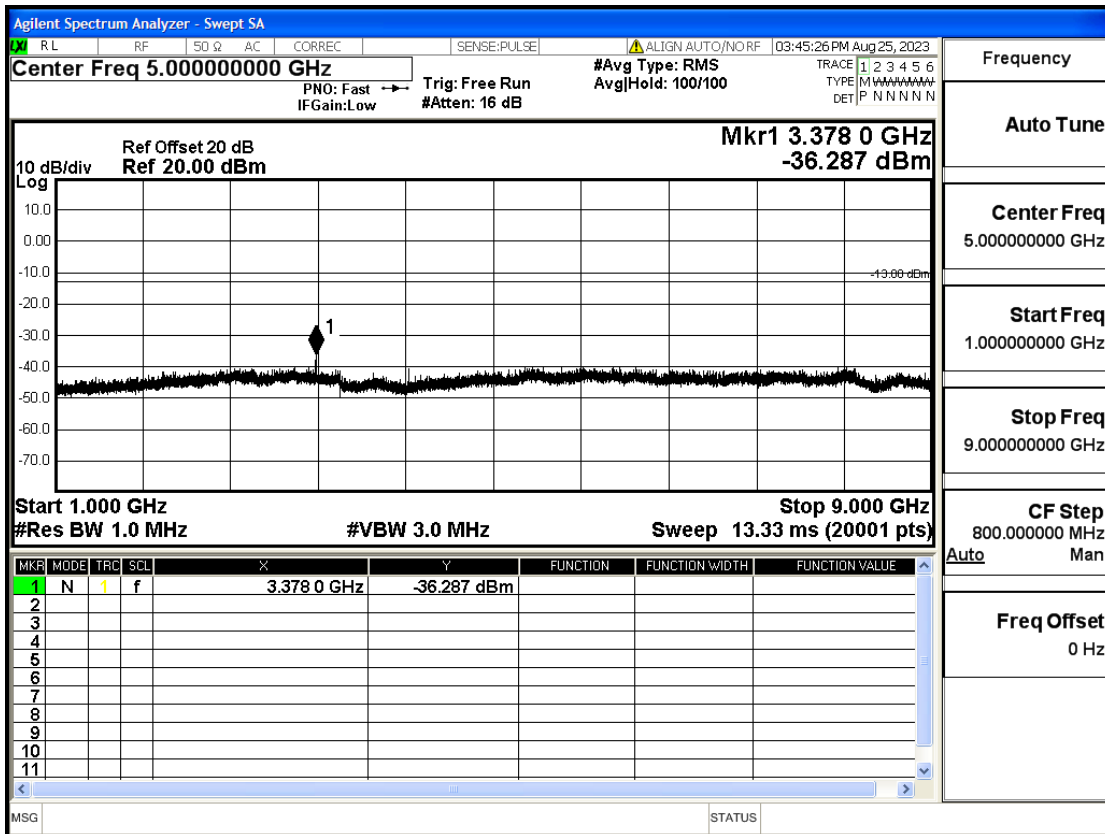
OB5-5-846.5-QPSK-25#LOW@1GHz-9GHz@Pass



OB5-5-846.5-QPSK-1#LOW@30mHz-1GHz@Pass

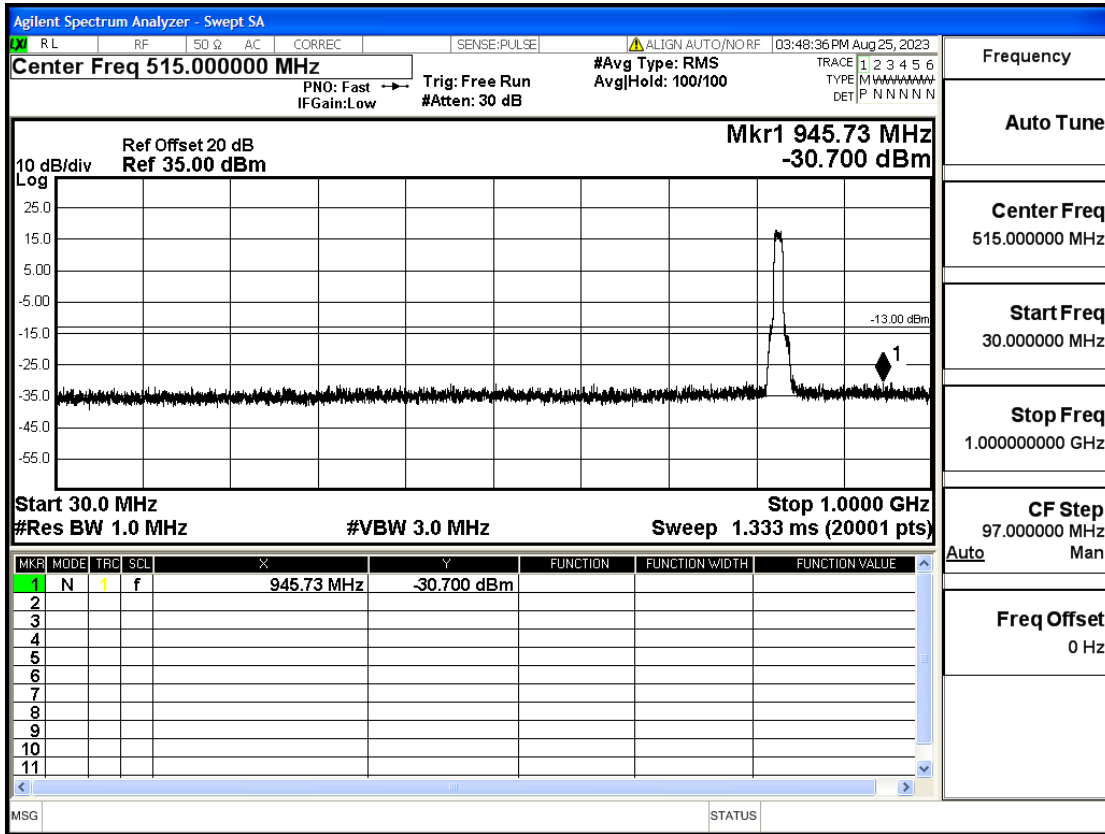


OB5-5-846.5-QPSK-1#LOW@1GHz-9GHz@Pass

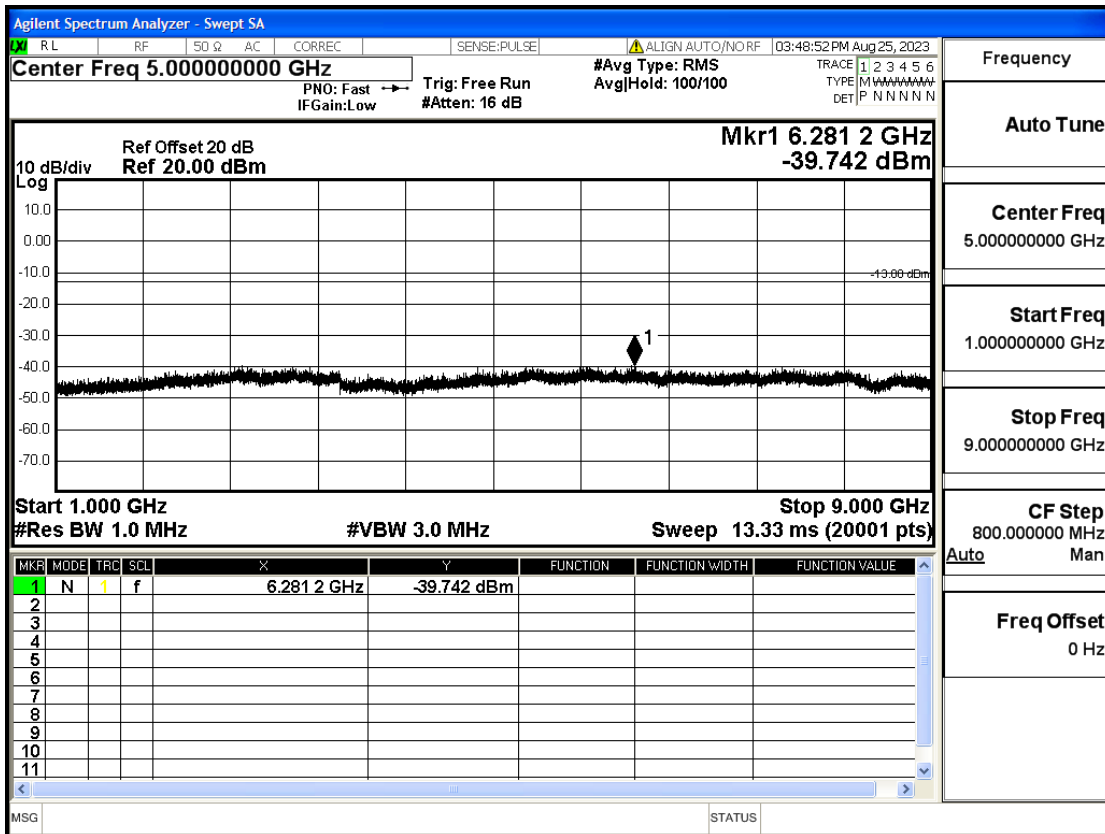




OB5-10-829-QPSK-50#LOW@30mHz-1GHz@Pass

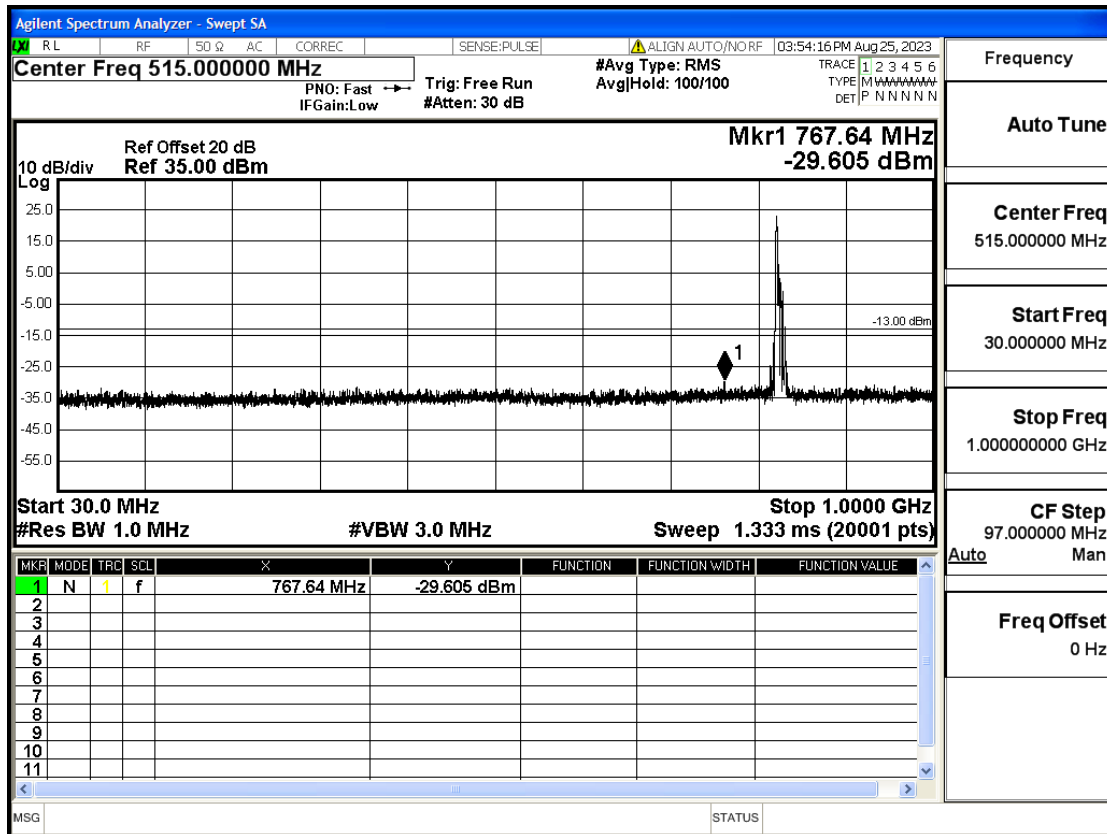


OB5-10-829-QPSK-50#LOW@1GHz-9GHz@Pass

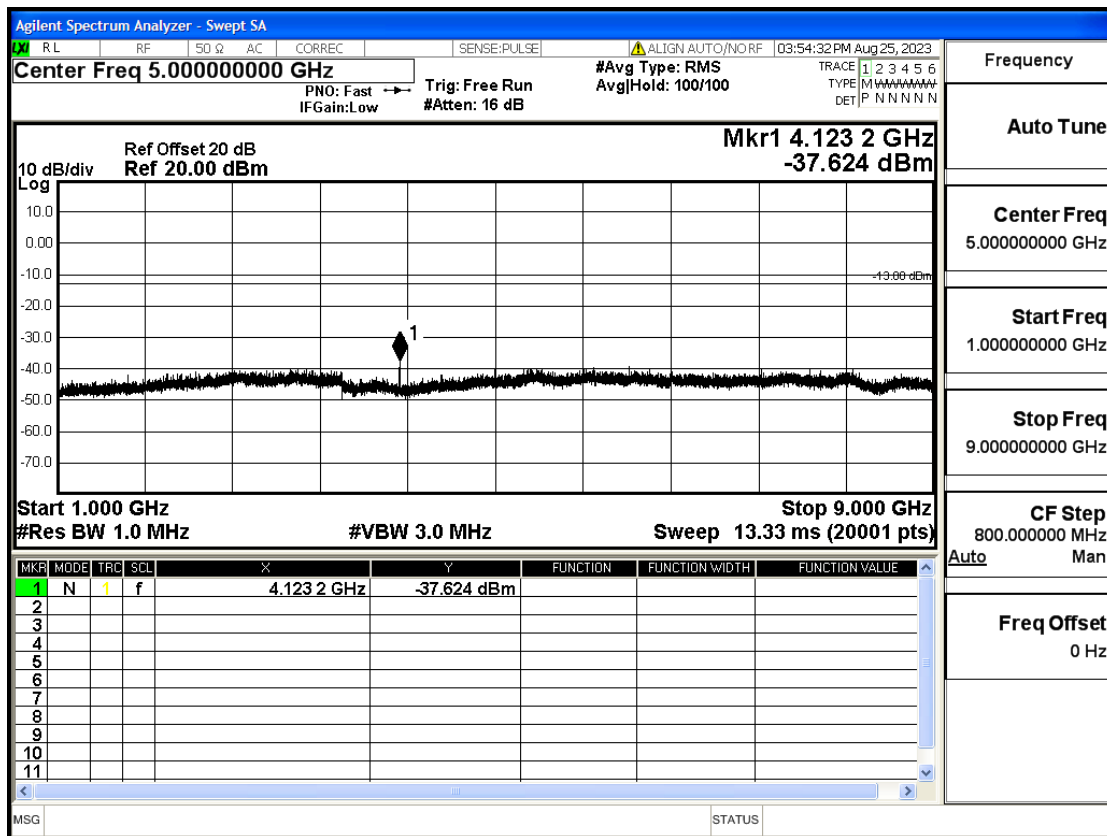




OB5-10-829-QPSK-1#LOW@30mHz-1GHz@Pass

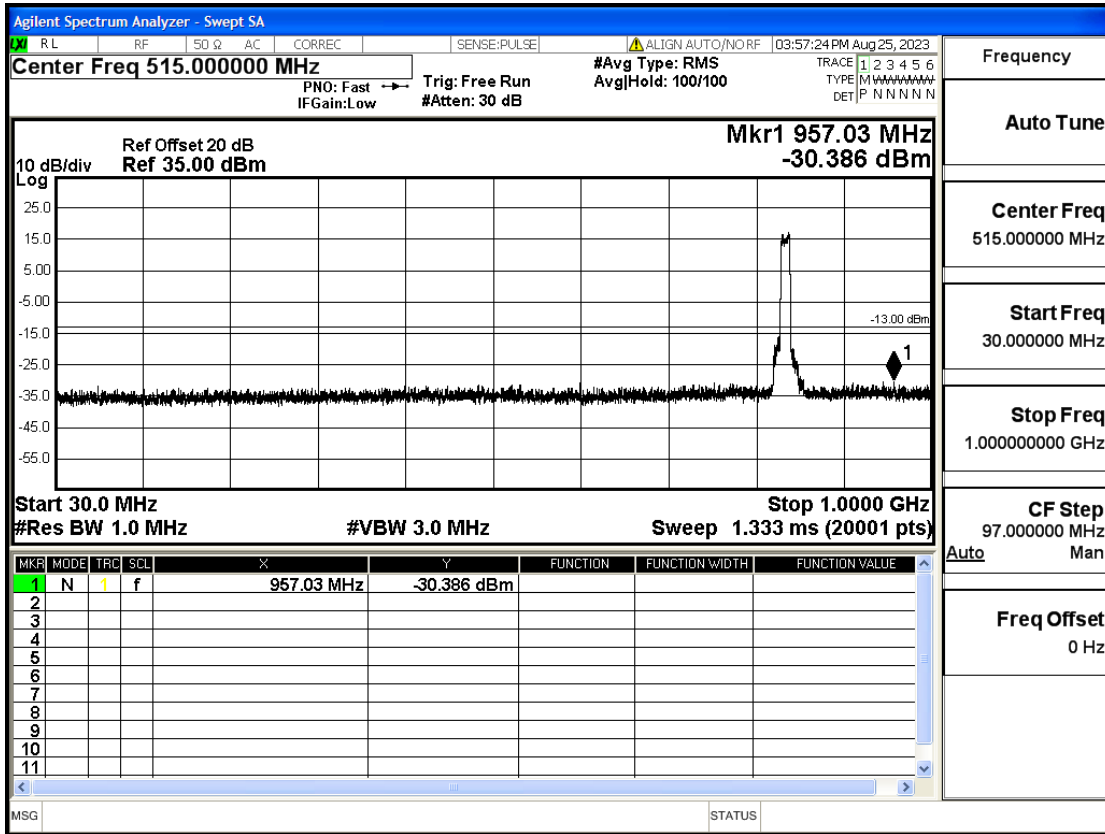


OB5-10-829-QPSK-1#LOW@1GHz-9GHz@Pass

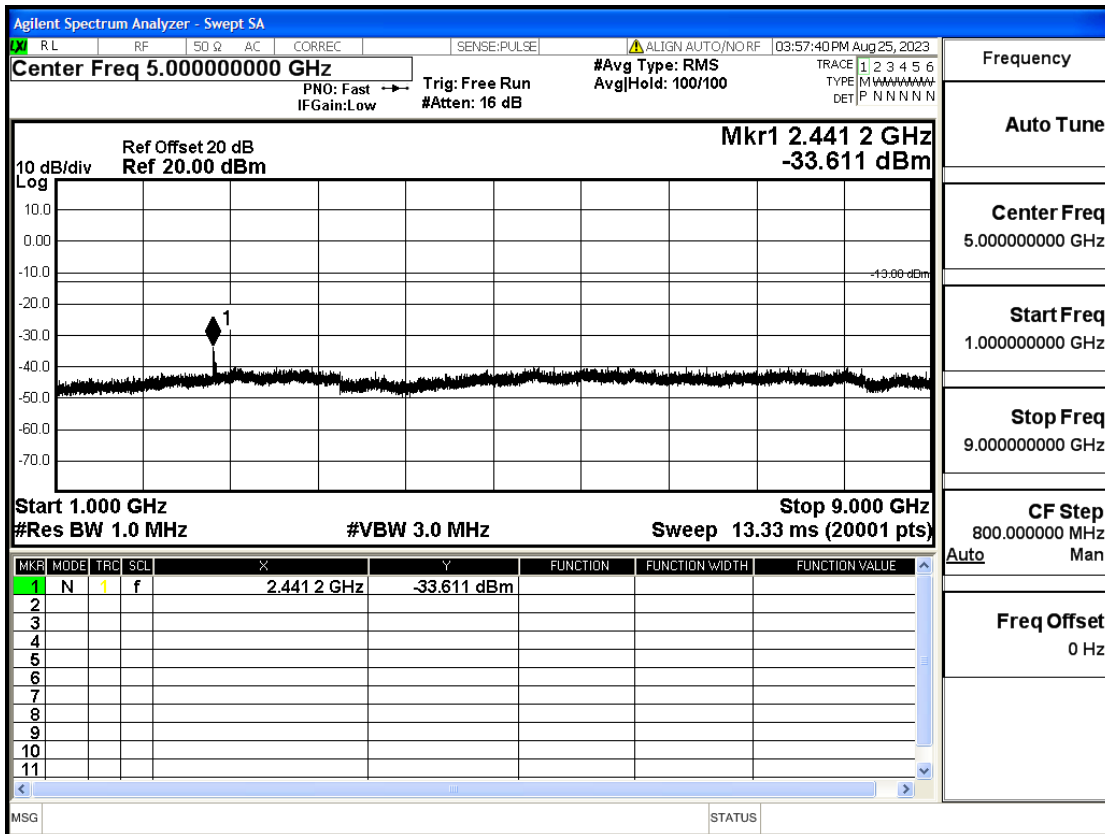




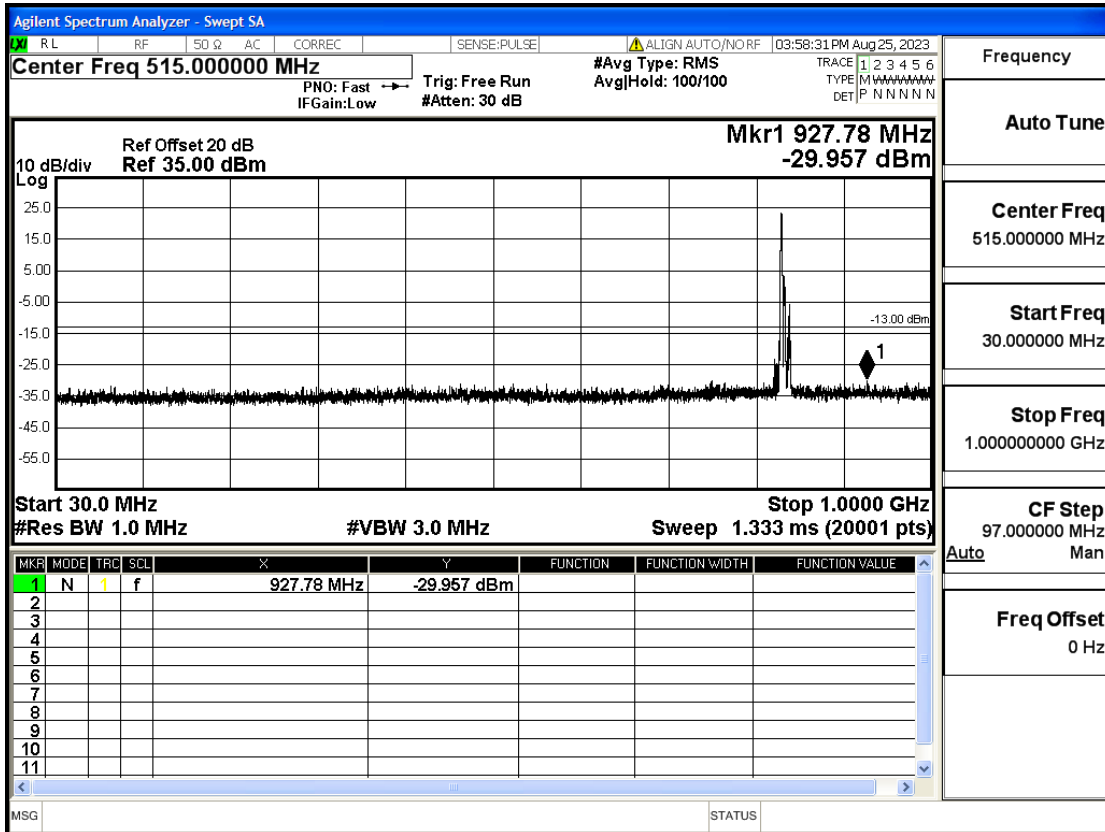
OB5-10-836.5-QPSK-50#LOW@30mHz-1GHz@Pass



OB5-10-836.5-QPSK-50#LOW@1GHz-9GHz@Pass



OB5-10-836.5-QPSK-1#LOW@30mHz-1GHz@Pass



OB5-10-836.5-QPSK-1#LOW@1GHz-9GHz@Pass

