

RF Test Data for LTE (Conducted Measurement)

Product Name: Smartphone

Trade Mark: Vortex

Test Model: V20

Sample ID: TZ210502250-1#

FCC ID: 2A2EB-V20

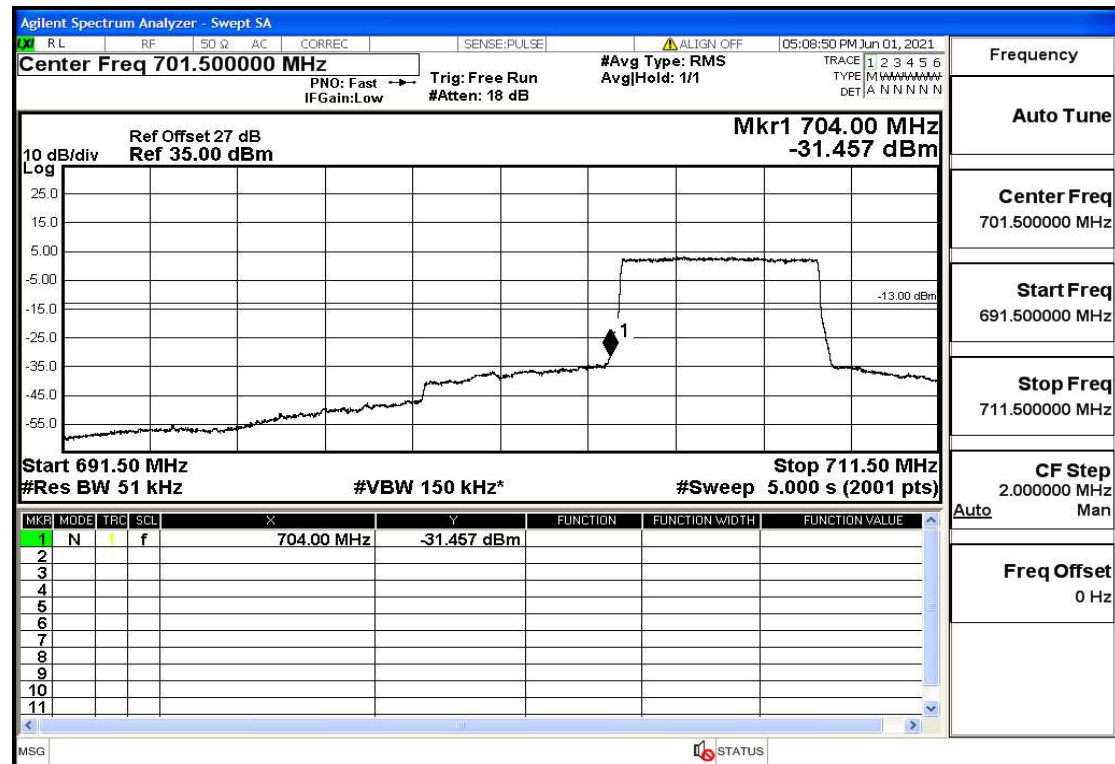
Environmental Conditions

Temperature:	23.8℃
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
Remark:	For LTE Band17

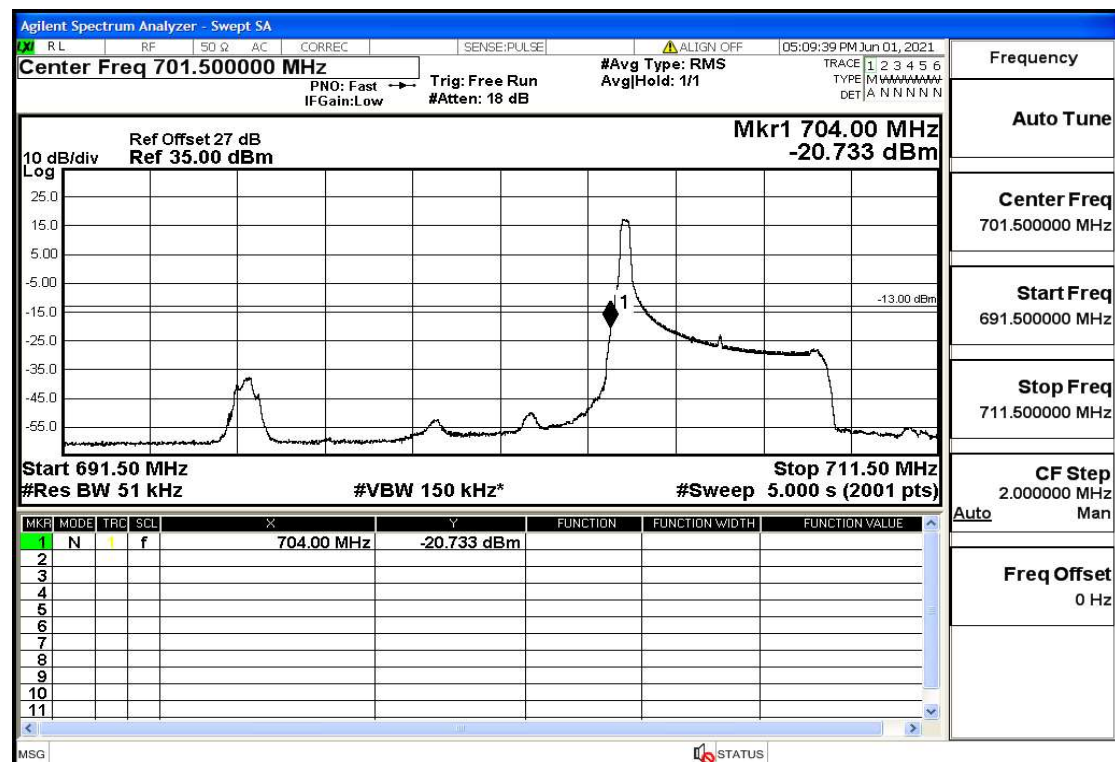
Band Edge and Emission Mask

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Conclusion
Band17	5	706.5	QPSK	25	LOW	Pass
Band17	5	706.5	QPSK	1	LOW	Pass
Band17	5	706.5	16QAM	25	LOW	Pass
Band17	5	706.5	16QAM	1	LOW	Pass
Band17	5	713.5	QPSK	25	LOW	Pass
Band17	5	713.5	QPSK	1	HIGH	Pass
Band17	5	713.5	16QAM	25	LOW	Pass
Band17	5	713.5	16QAM	1	HIGH	Pass
Band17	10	709	QPSK	50	LOW	Pass
Band17	10	709	QPSK	1	LOW	Pass
Band17	10	709	16QAM	50	LOW	Pass
Band17	10	709	16QAM	1	LOW	Pass
Band17	10	711	16QAM	50	LOW	Pass
Band17	10	711	16QAM	1	HIGH	Pass
Band17	10	711	QPSK	50	LOW	Pass
Band17	10	711	QPSK	1	HIGH	Pass

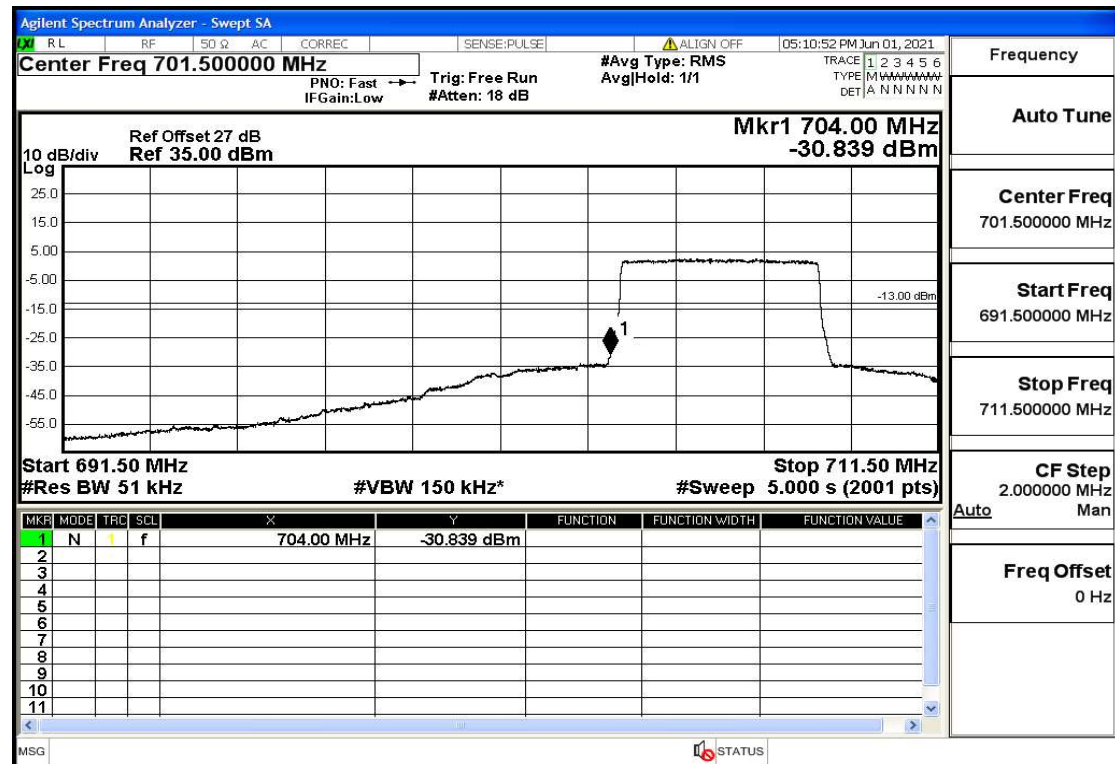
Band17-5-706.5-QPSK-25#LOW@Pass



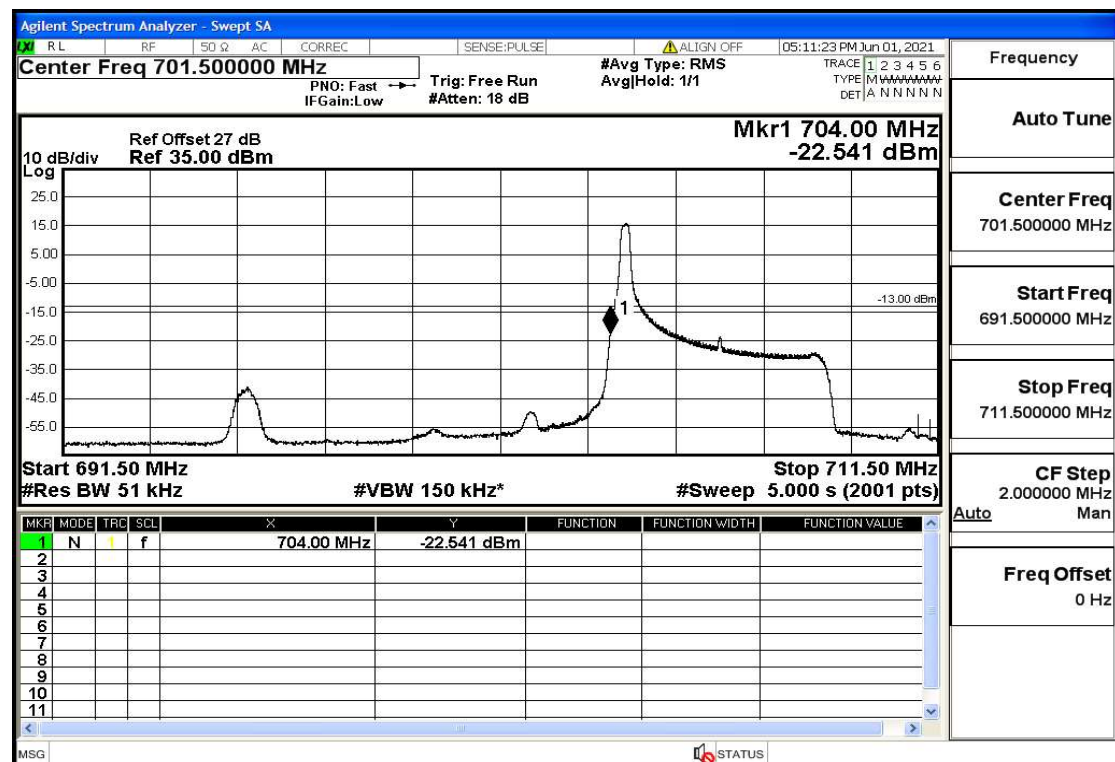
Band17-5-706.5-QPSK-1#LOW@Pass



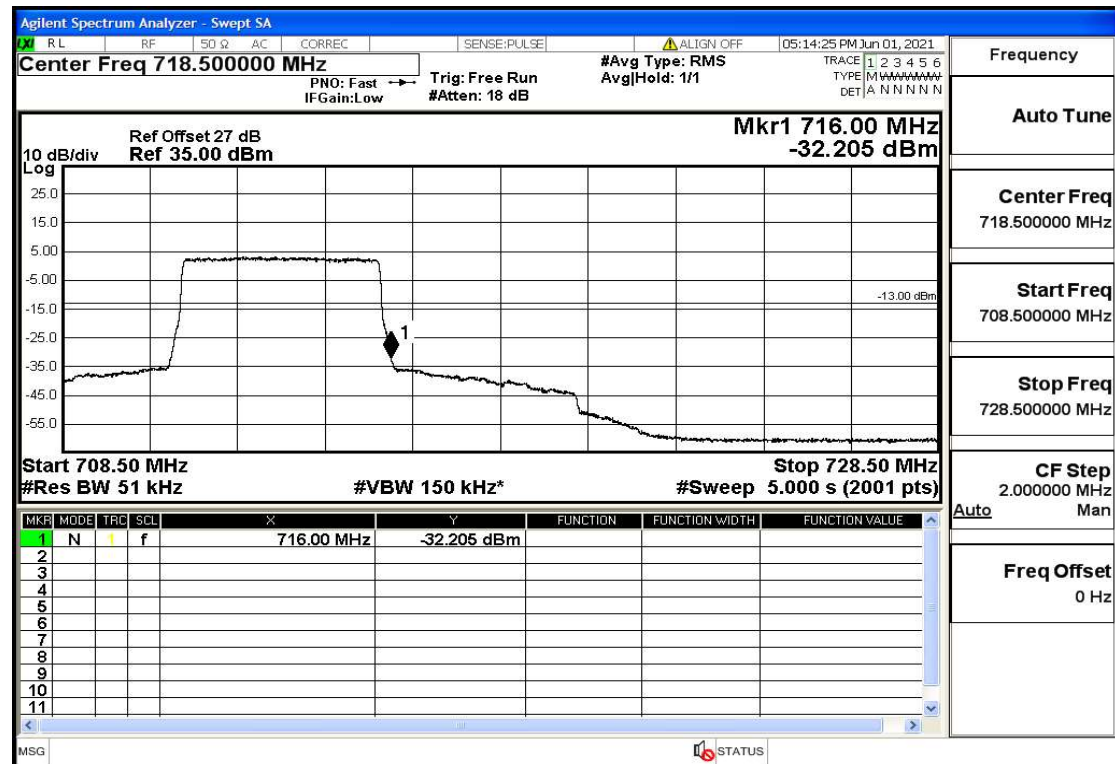
Band17-5-706.5-16QAM-25#LOW@Pass



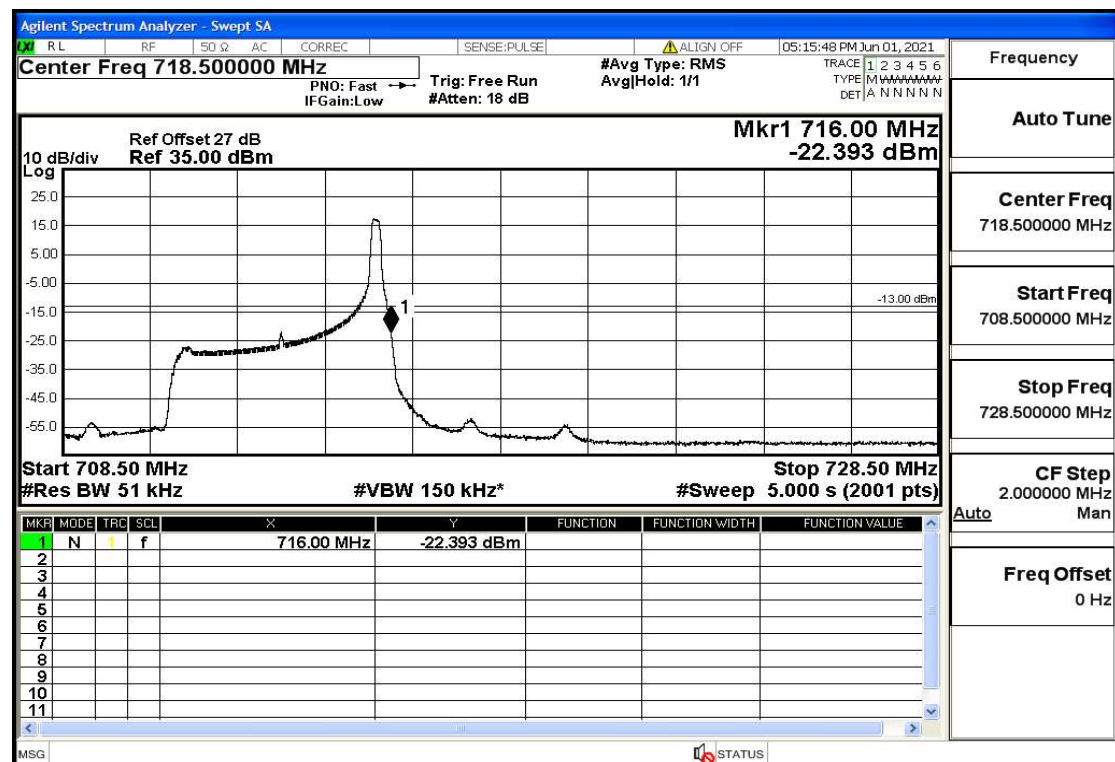
Band17-5-706.5-16QAM-1#LOW@Pass



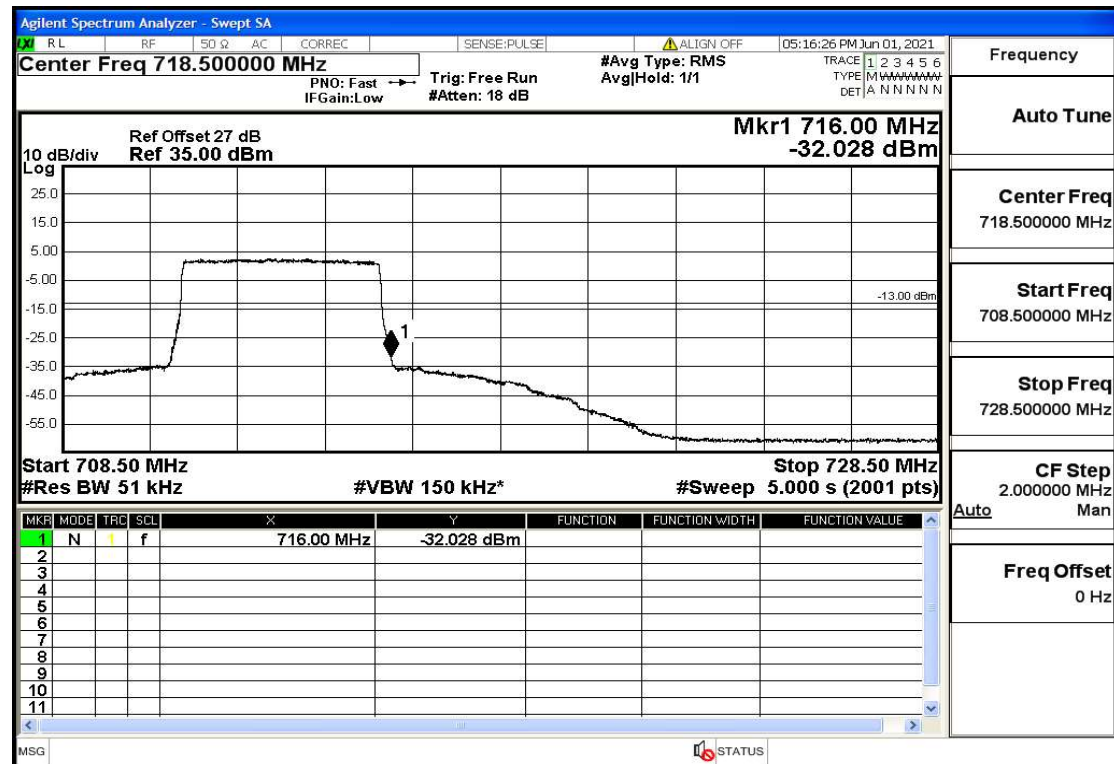
Band17-5-713.5-QPSK-25#LOW@Pass



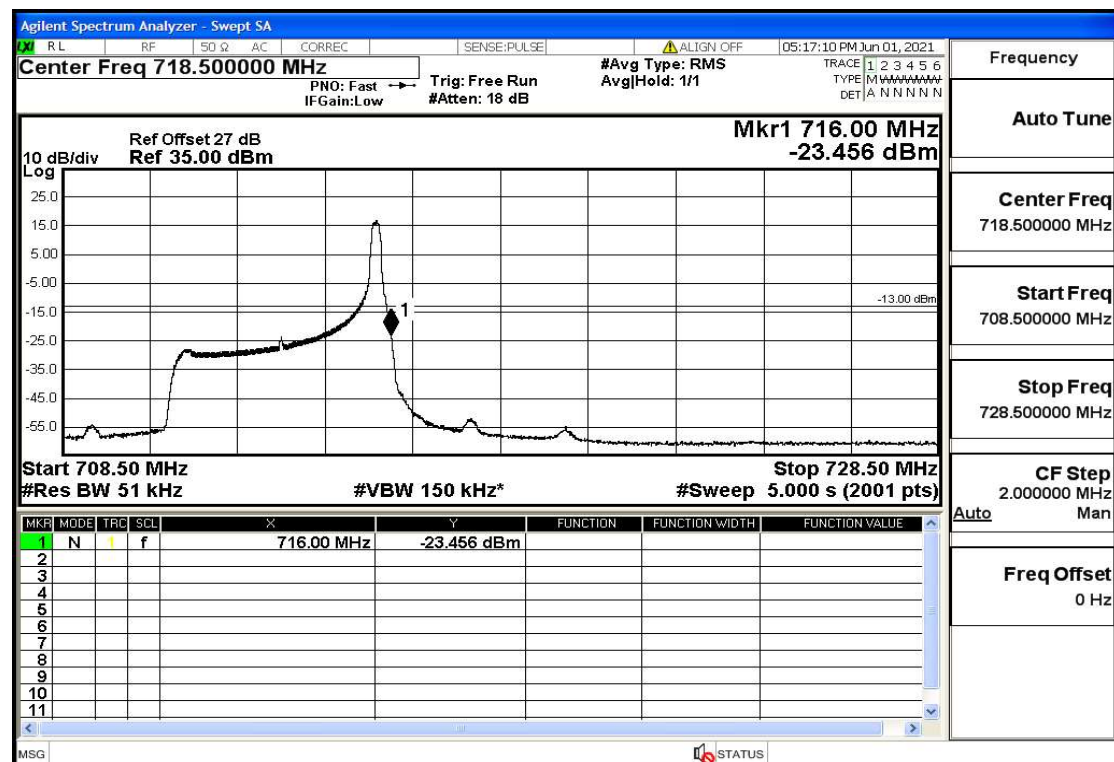
Band17-5-713.5-QPSK-1#HIGH@Pass



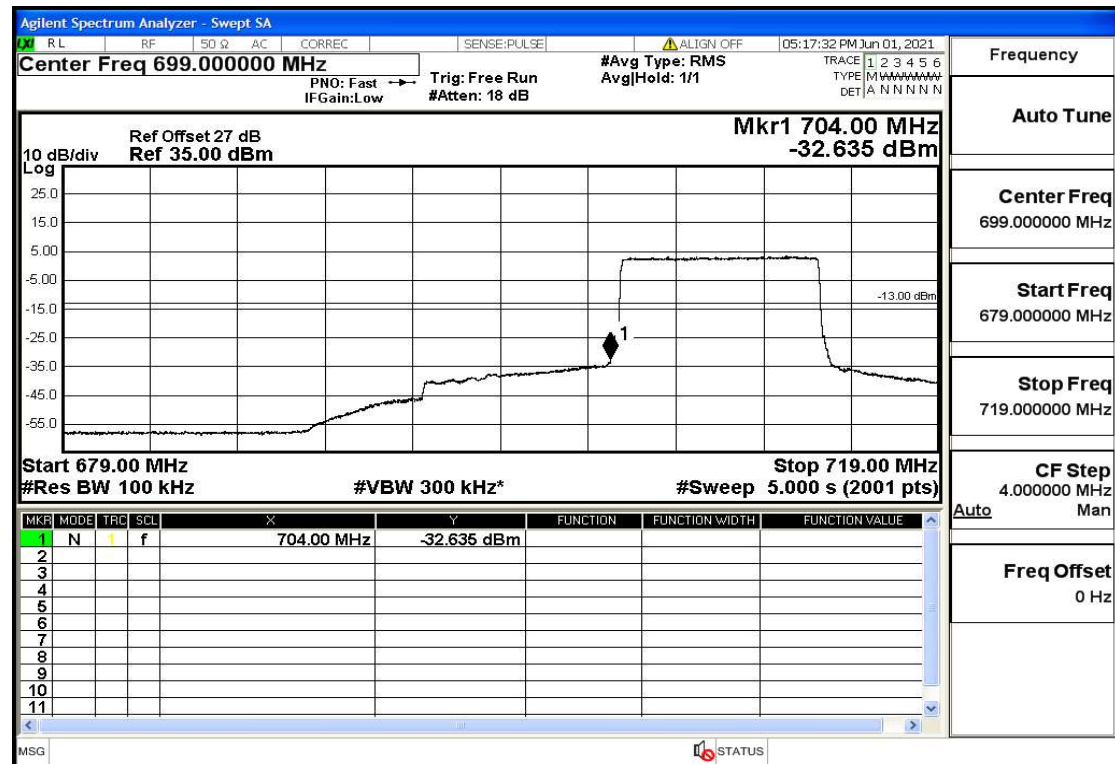
Band17-5-713.5-16QAM-25#LOW@Pass



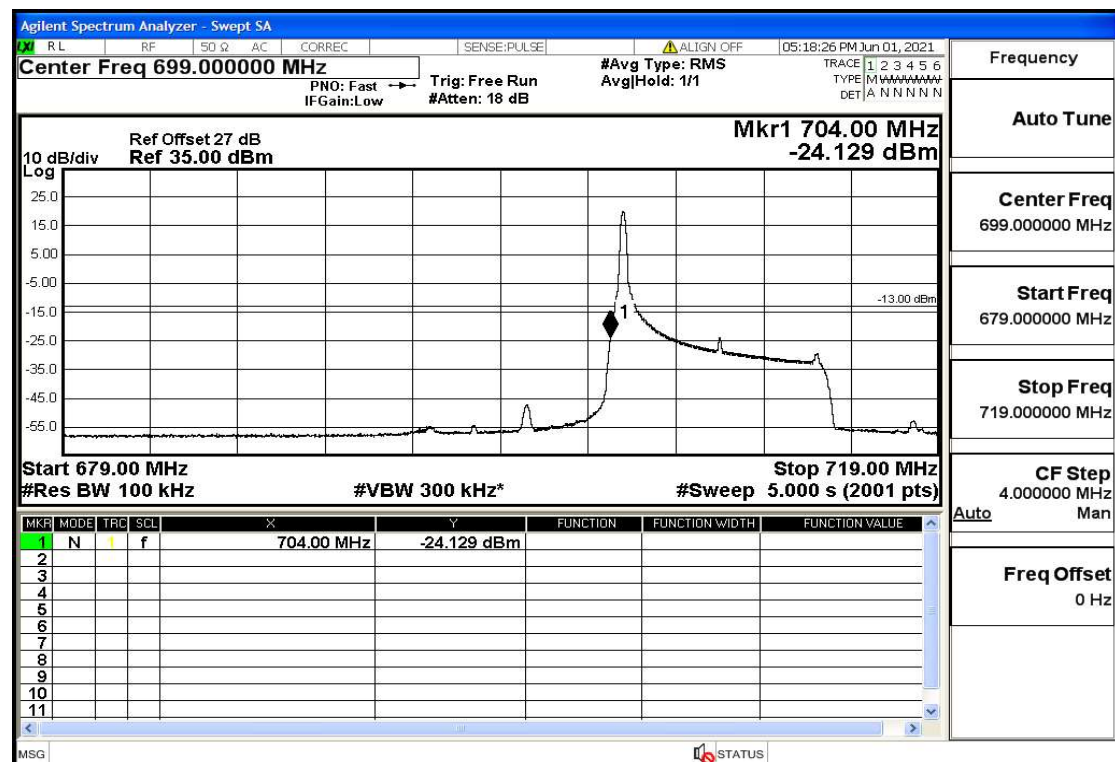
Band17-5-713.5-16QAM-1#HIGH@Pass



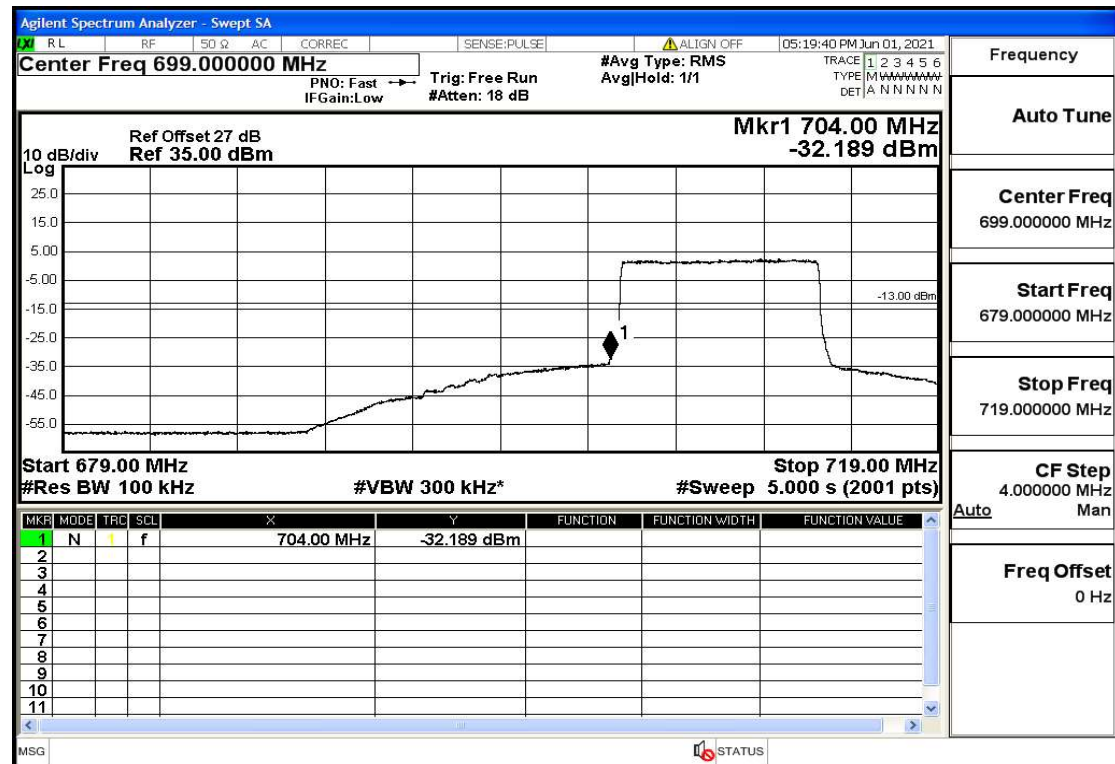
Band17-10-709-QPSK-50#LOW@Pass



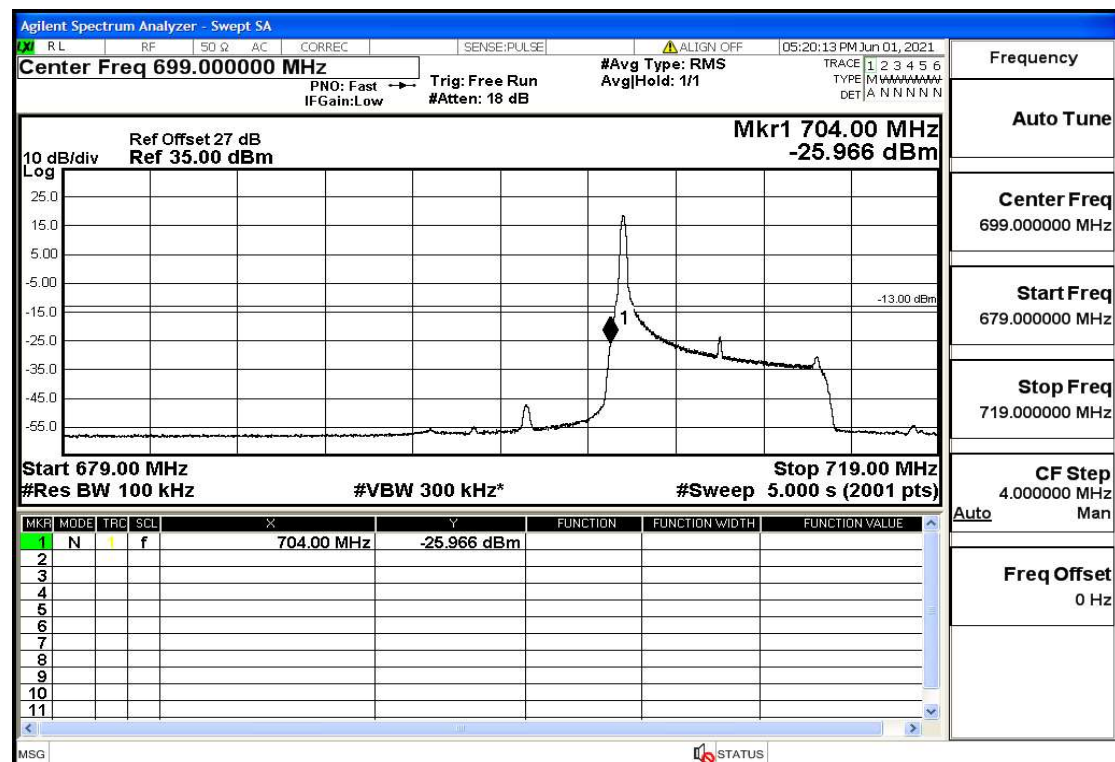
Band17-10-709-QPSK-1#LOW@Pass



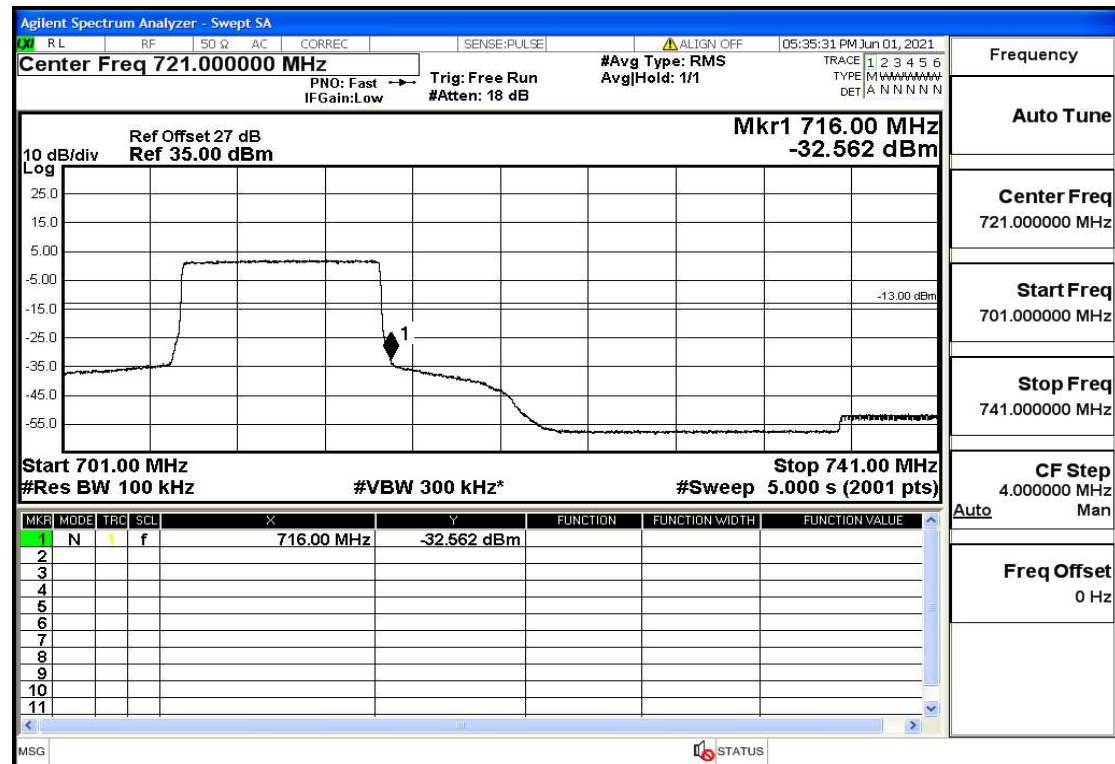
Band17-10-709-16QAM-50#LOW@Pass



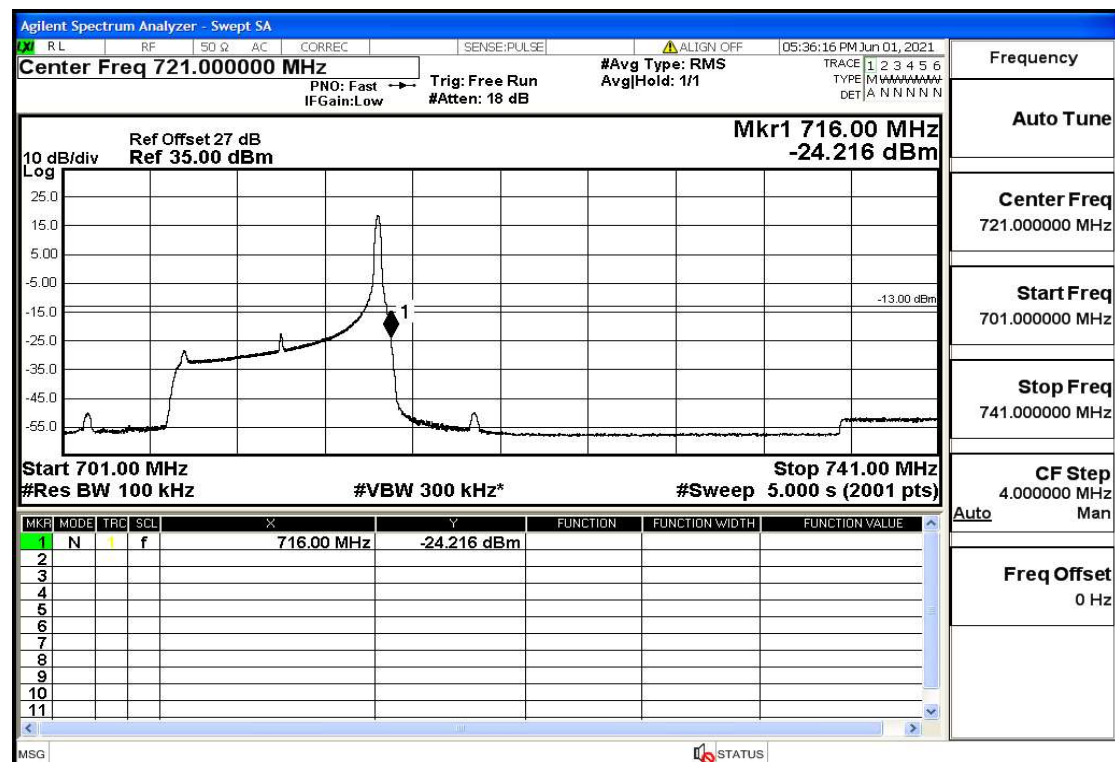
Band17-10-709-16QAM-1#LOW@Pass



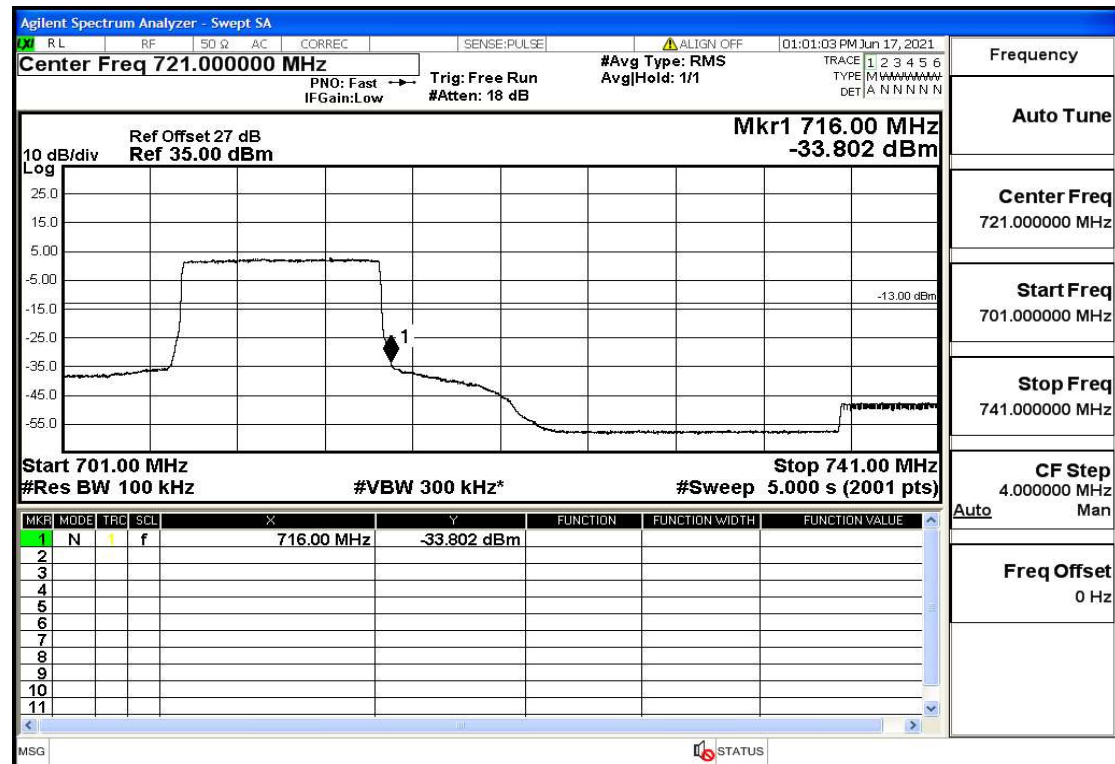
Band17-10-711-16QAM-50#LOW@Pass



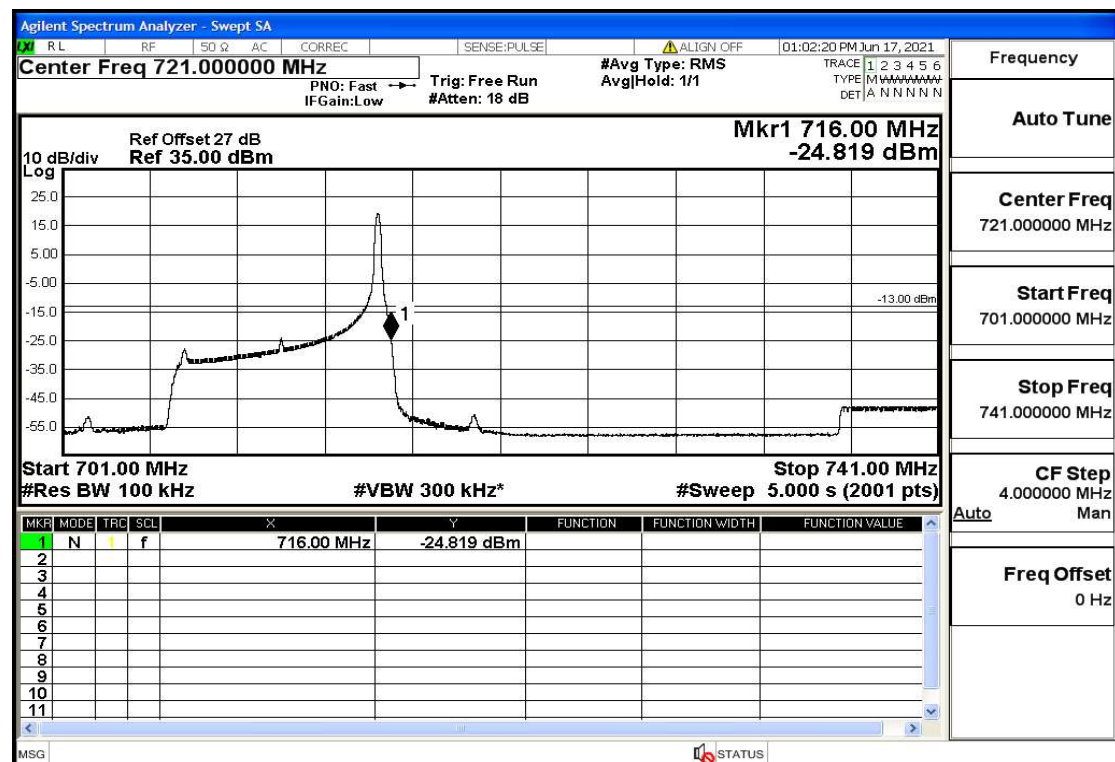
Band17-10-711-16QAM-1#HIGH@Pass



Band17-10-711-QPSK-50#LOW@Pass



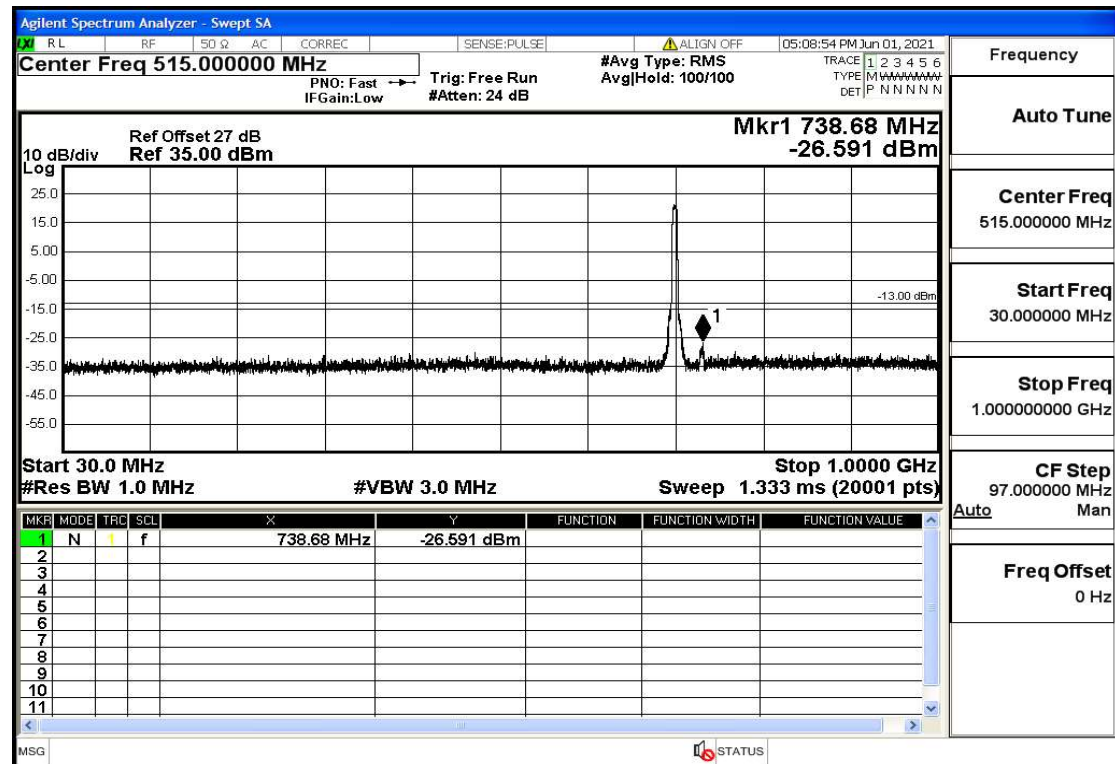
Band17-10-711-QPSK-1#HIGH@Pass



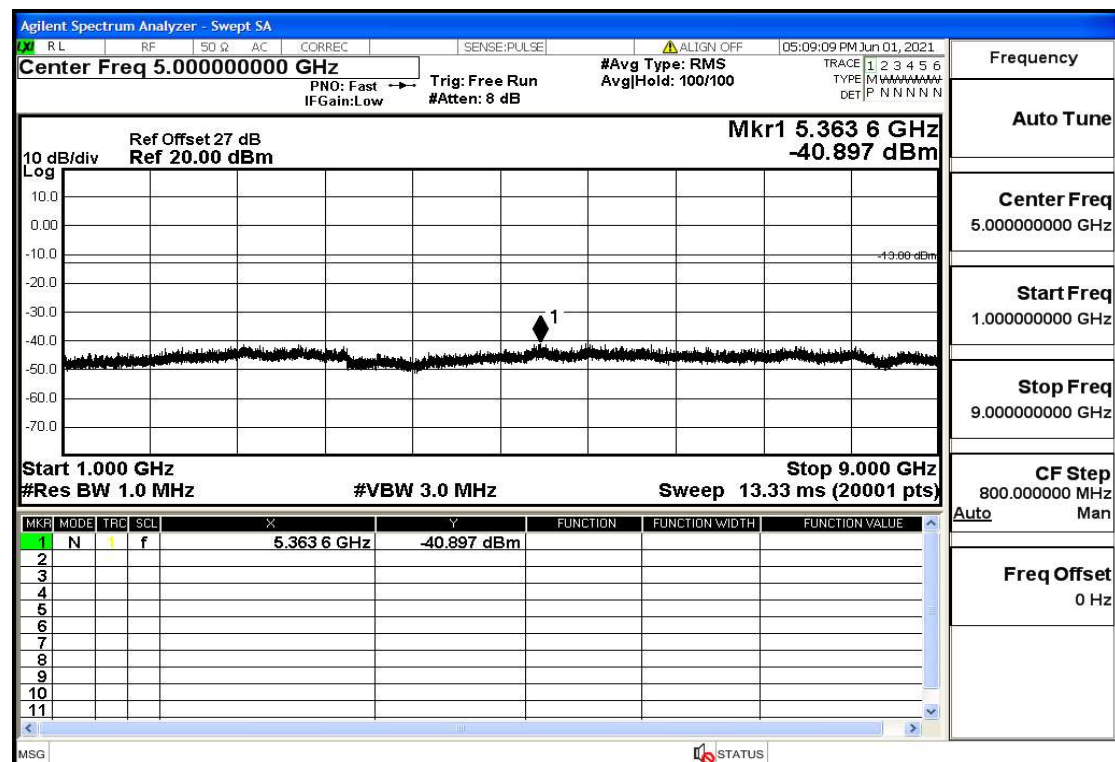
Conducted Spurious Emission

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB17	5	706.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB17	5	706.5	QPSK	25	LOW	1GHz-9GHz	Pass
OB17	5	706.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB17	5	706.5	QPSK	1	LOW	1GHz-9GHz	Pass
OB17	5	706.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB17	5	706.5	QPSK	1	HIGH	1GHz-9GHz	Pass
OB17	5	710	QPSK	25	LOW	30mHz-1GHz	Pass
OB17	5	710	QPSK	25	LOW	1GHz-9GHz	Pass
OB17	5	710	QPSK	1	LOW	30mHz-1GHz	Pass
OB17	5	710	QPSK	1	LOW	1GHz-9GHz	Pass
OB17	5	710	QPSK	1	HIGH	30mHz-1GHz	Pass
OB17	5	710	QPSK	1	HIGH	1GHz-9GHz	Pass
OB17	5	713.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB17	5	713.5	QPSK	25	LOW	1GHz-9GHz	Pass
OB17	5	713.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB17	5	713.5	QPSK	1	LOW	1GHz-9GHz	Pass
OB17	5	713.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB17	5	713.5	QPSK	1	HIGH	1GHz-9GHz	Pass
OB17	10	709	QPSK	50	LOW	30mHz-1GHz	Pass
OB17	10	709	QPSK	50	LOW	1GHz-9GHz	Pass
OB17	10	709	QPSK	1	LOW	30mHz-1GHz	Pass
OB17	10	709	QPSK	1	LOW	1GHz-9GHz	Pass
OB17	10	709	QPSK	1	HIGH	30mHz-1GHz	Pass
OB17	10	709	QPSK	1	HIGH	1GHz-9GHz	Pass
OB17	10	710	QPSK	50	LOW	30mHz-1GHz	Pass
OB17	10	710	QPSK	50	LOW	1GHz-9GHz	Pass
OB17	10	710	QPSK	1	LOW	30mHz-1GHz	Pass
OB17	10	710	QPSK	1	LOW	1GHz-9GHz	Pass
OB17	10	710	QPSK	1	HIGH	30mHz-1GHz	Pass
OB17	10	710	QPSK	1	HIGH	1GHz-9GHz	Pass
OB17	10	711	QPSK	50	LOW	30mHz-1GHz	Pass
OB17	10	711	QPSK	50	LOW	1GHz-9GHz	Pass
OB17	10	711	QPSK	1	LOW	30mHz-1GHz	Pass
OB17	10	711	QPSK	1	LOW	1GHz-9GHz	Pass
OB17	10	711	QPSK	1	HIGH	30mHz-1GHz	Pass
OB17	10	711	QPSK	1	HIGH	1GHz-9GHz	Pass

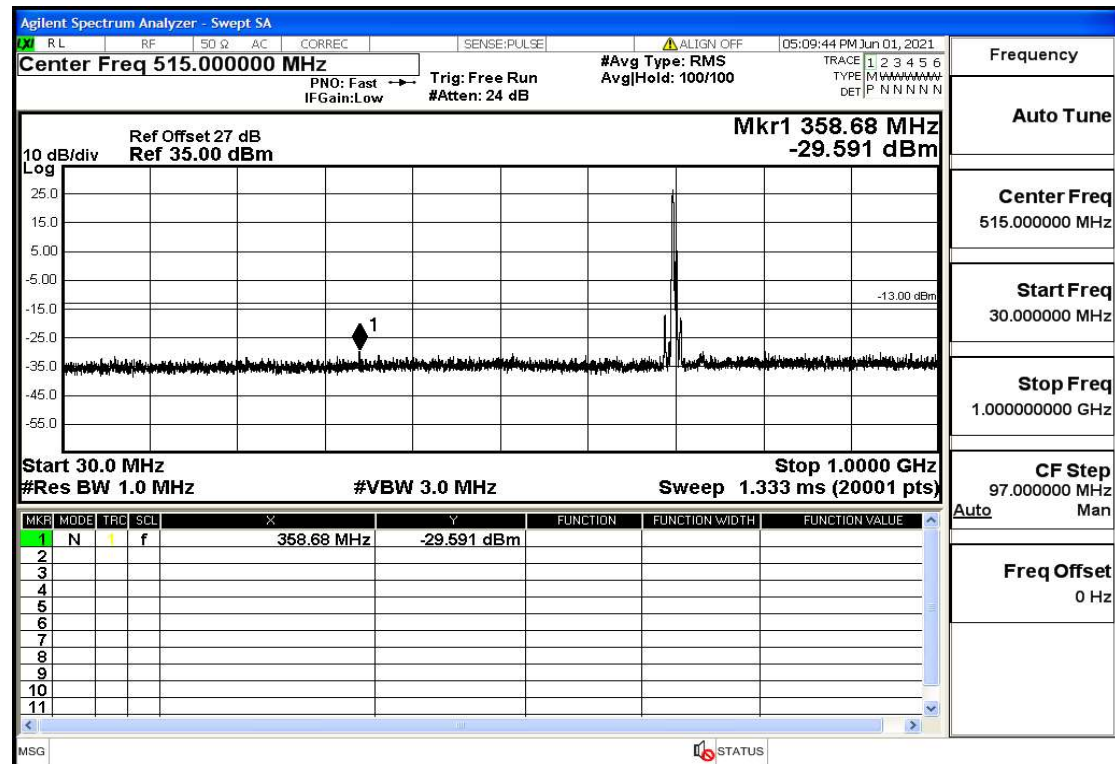
OB17-5-706.5-QPSK-25#LOW@30mHz-1GHz@Pass



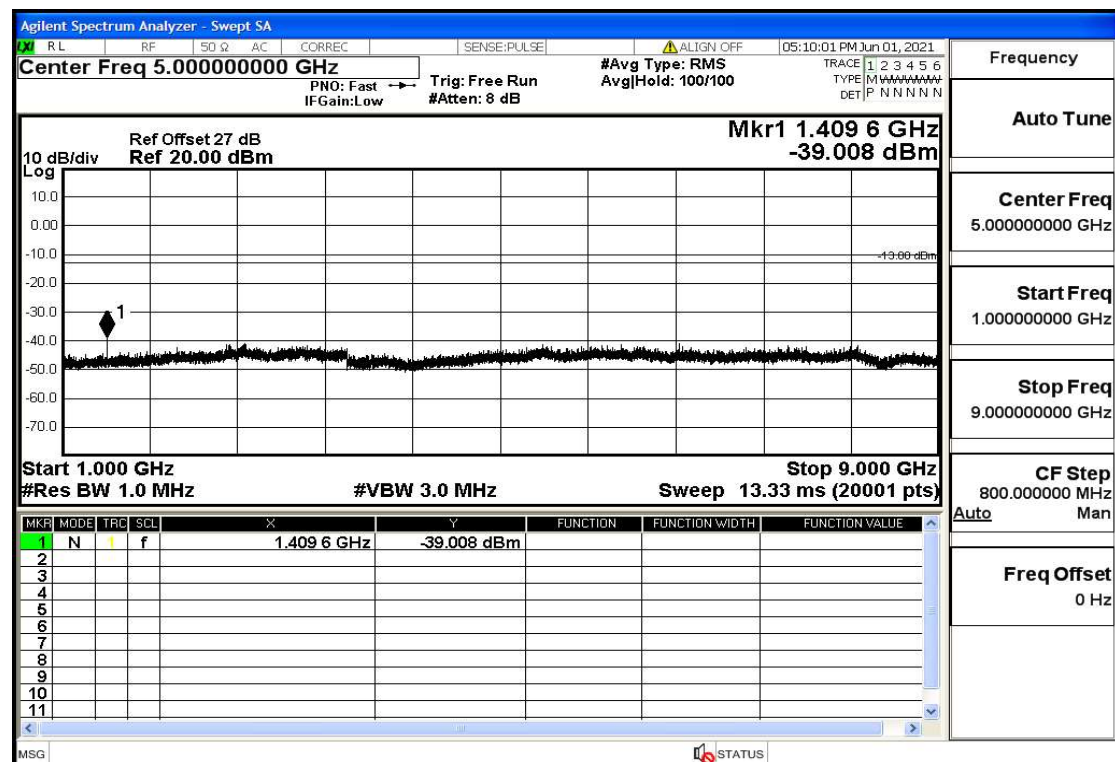
OB17-5-706.5-QPSK-25#LOW@1GHz-9GHz@Pass



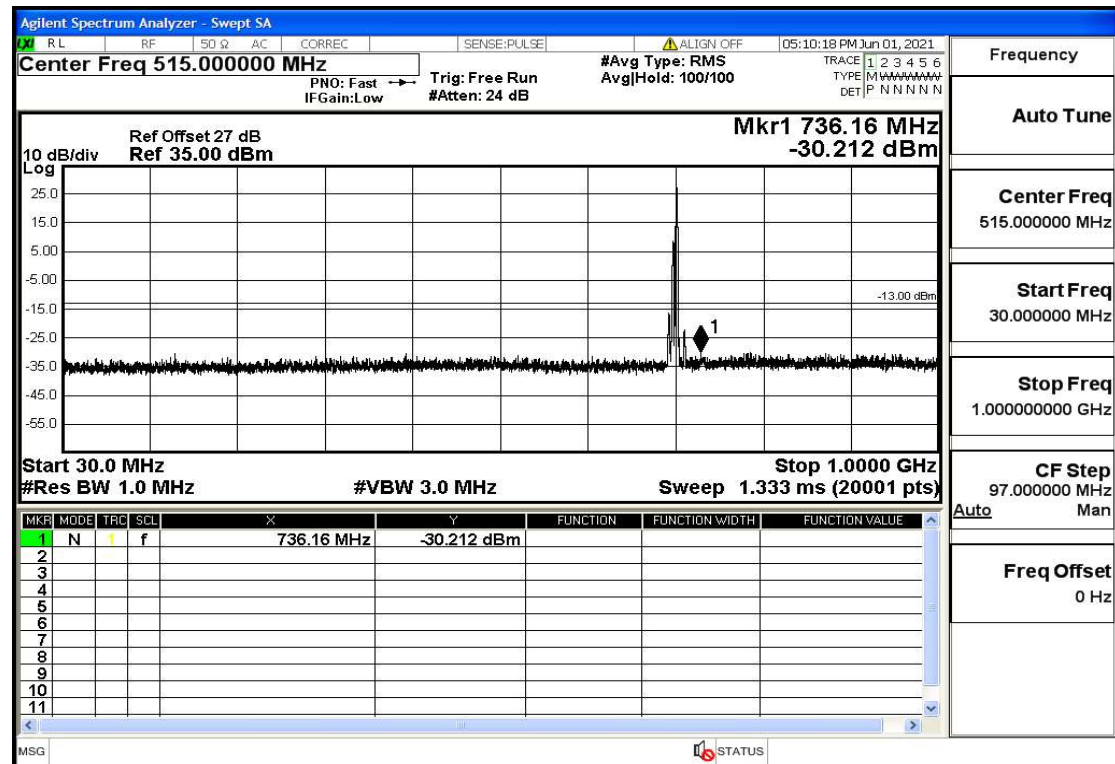
OB17-5-706.5-QPSK-1#LOW@30mHz-1GHz@Pass



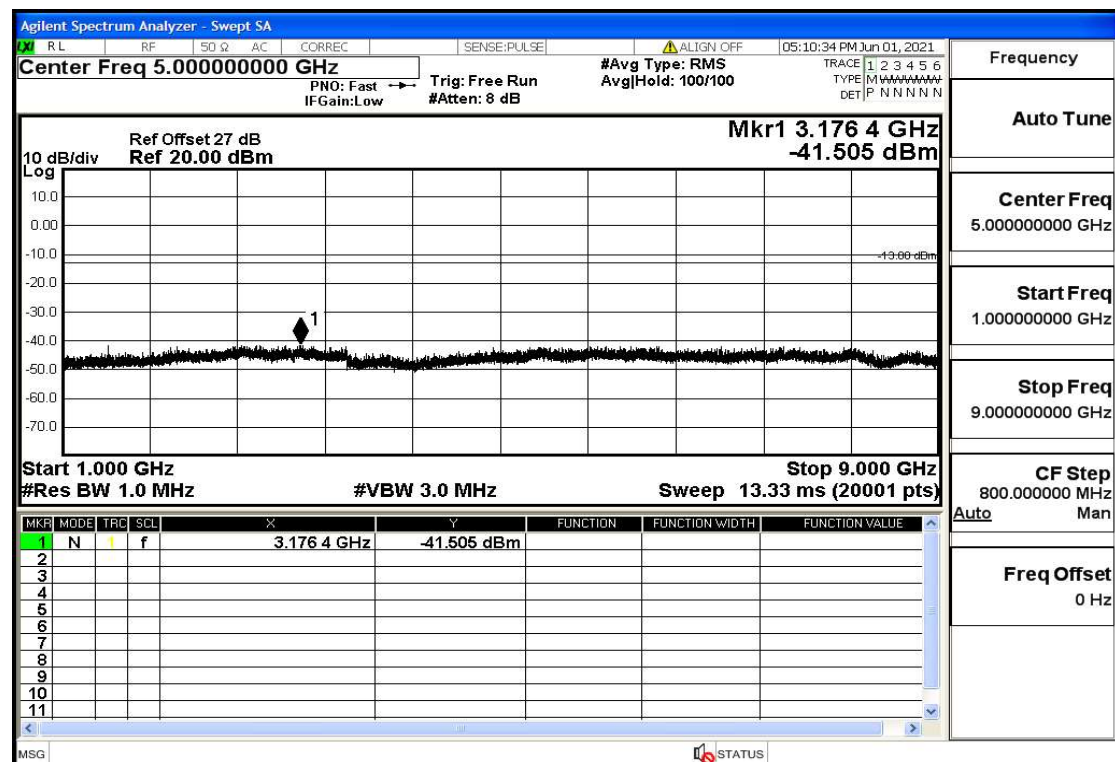
OB17-5-706.5-QPSK-1#LOW@1GHz-9GHz@Pass



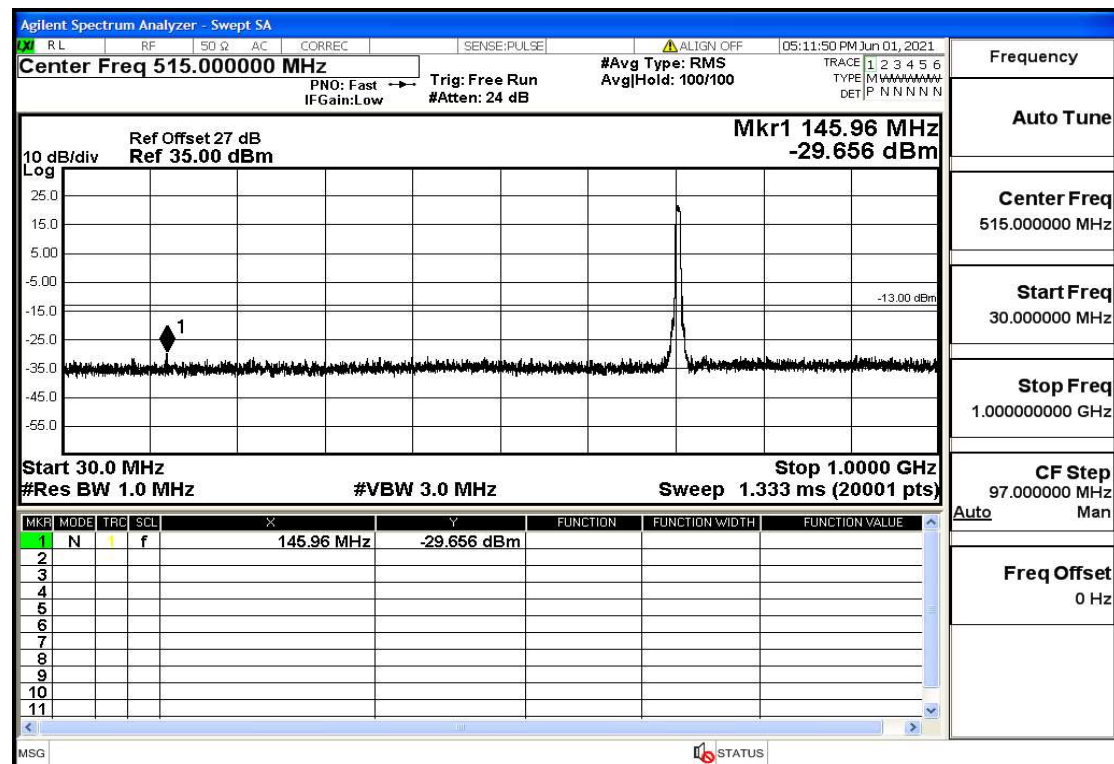
OB17-5-706.5-QPSK-1#HIGH@30mHz-1GHz@Pass



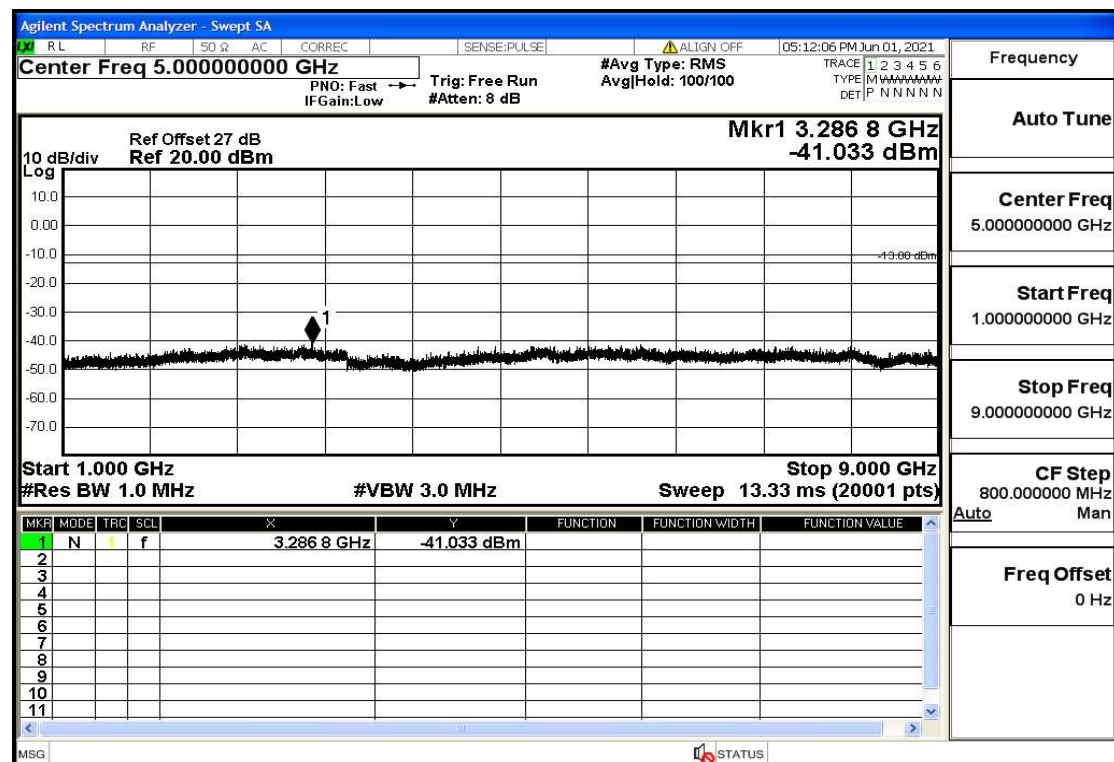
OB17-5-706.5-QPSK-1#HIGH@1GHz-9GHz@Pass



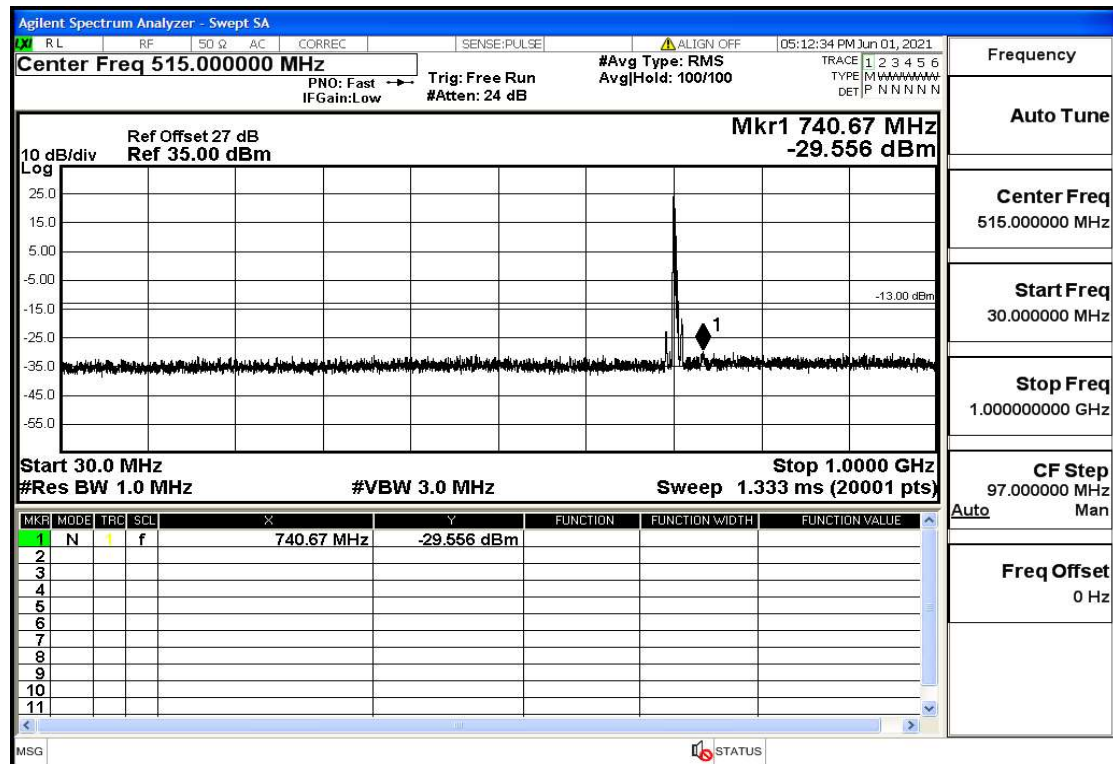
OB17-5-710-QPSK-25#LOW@30mHz-1GHz@Pass



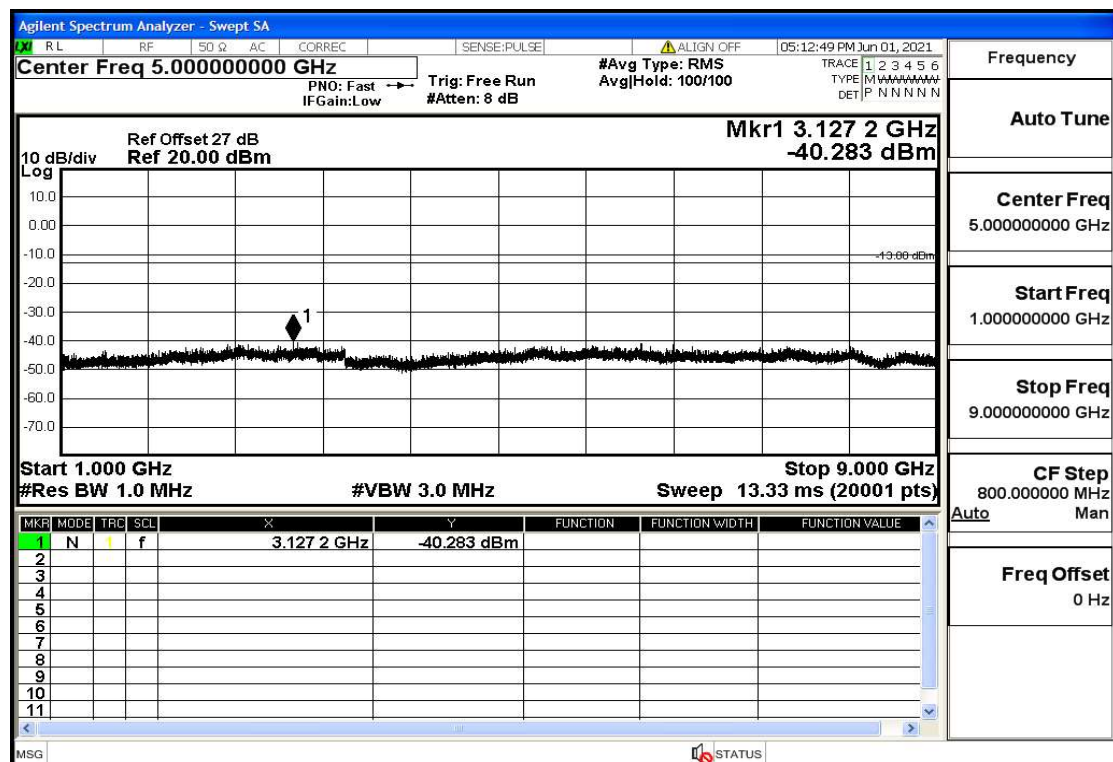
OB17-5-710-QPSK-25#LOW@1GHz-9GHz@Pass



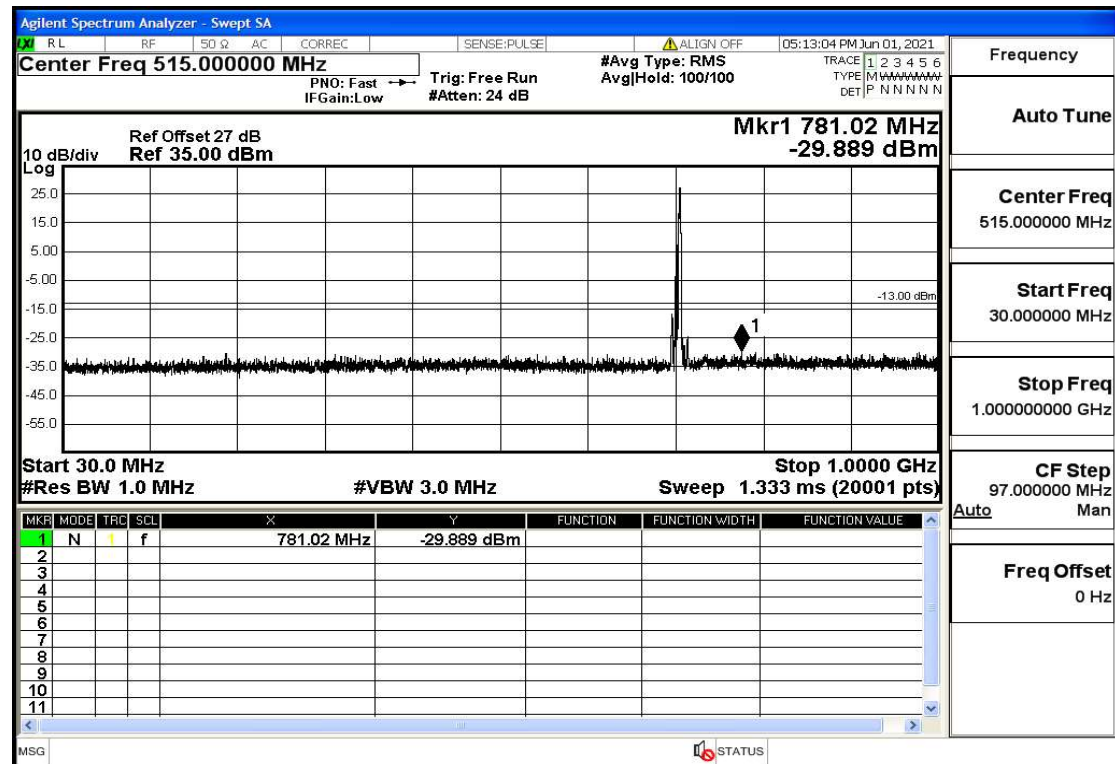
OB17-5-710-QPSK-1#LOW@30mHz-1GHz@Pass



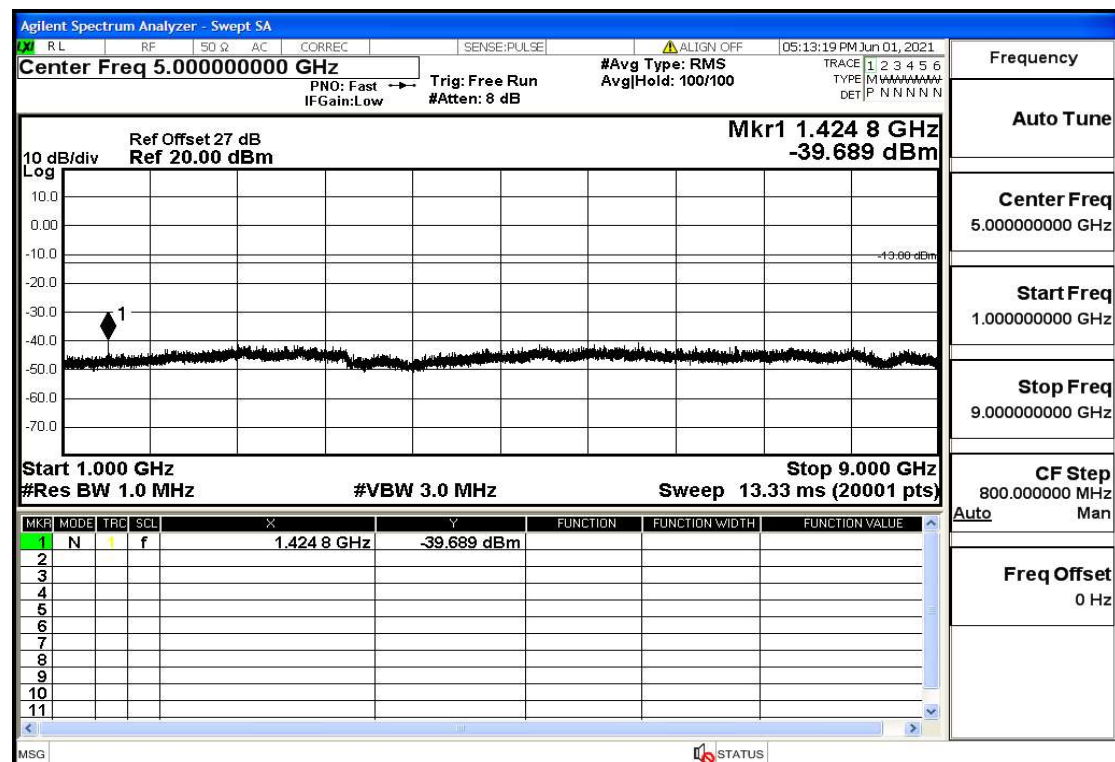
OB17-5-710-QPSK-1#LOW@1GHz-9GHz@Pass



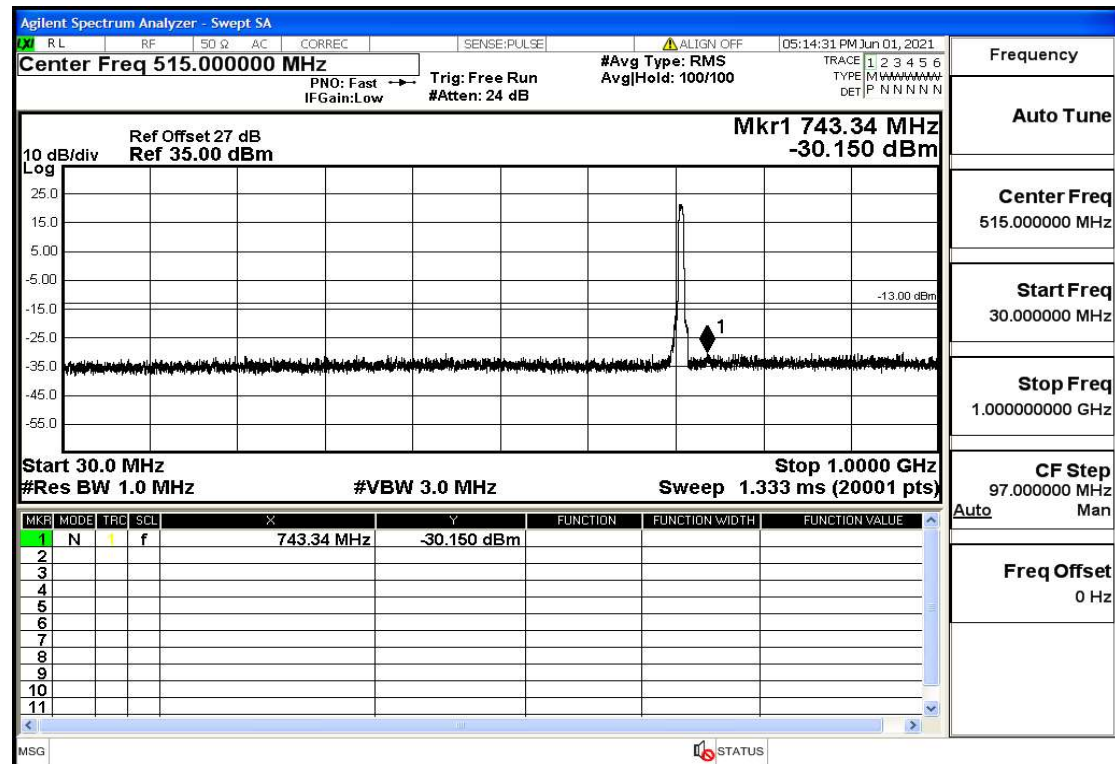
OB17-5-710-QPSK-1#HIGH@30mHz-1GHz@Pass



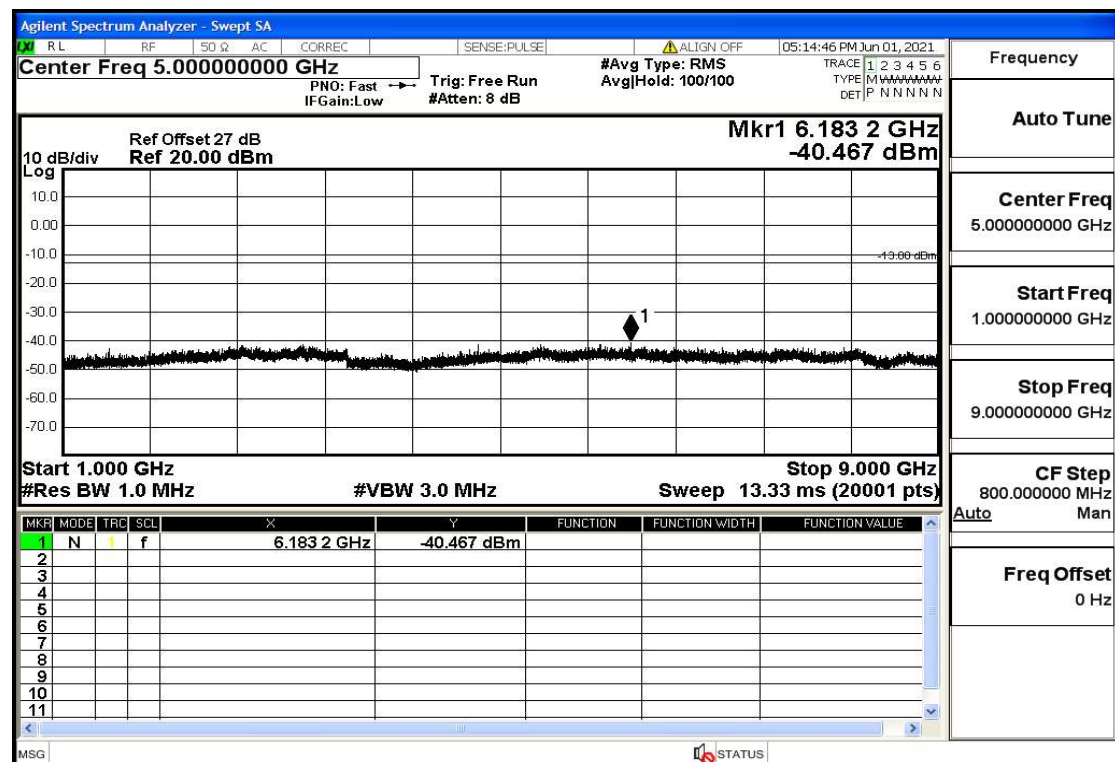
OB17-5-710-QPSK-1#HIGH@1GHz-9GHz@Pass



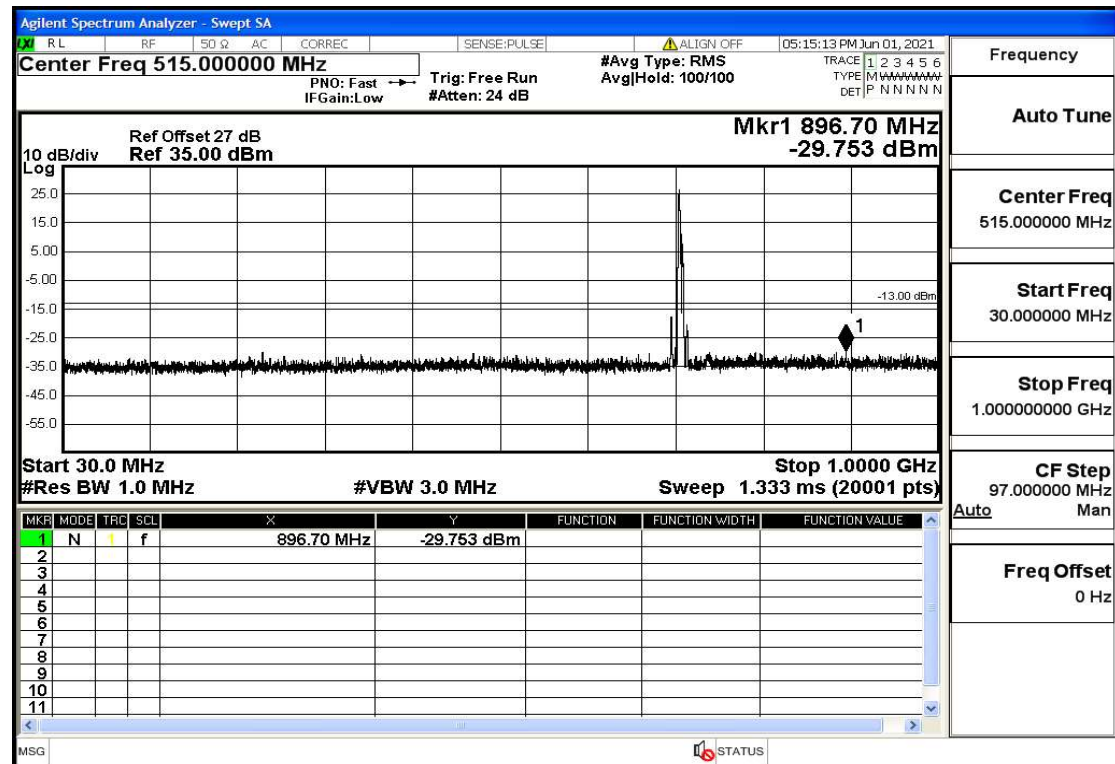
OB17-5-713.5-QPSK-25#LOW@30mHz-1GHz@Pass



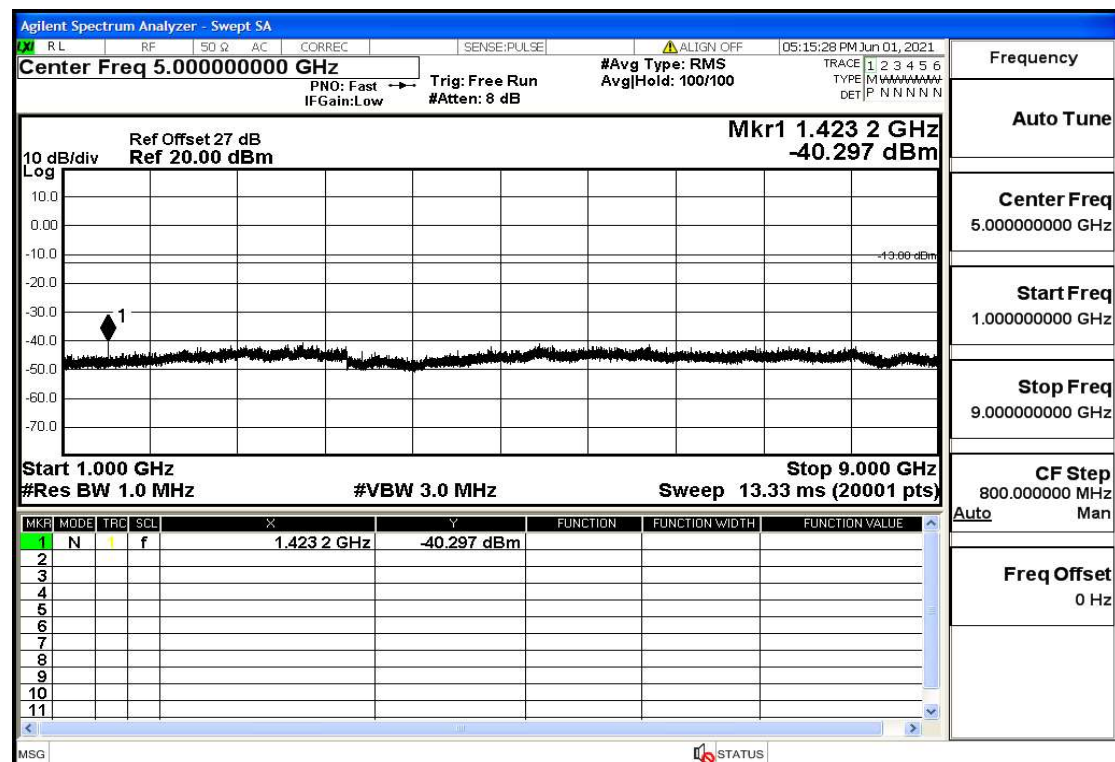
OB17-5-713.5-QPSK-25#LOW@1GHz-9GHz@Pass



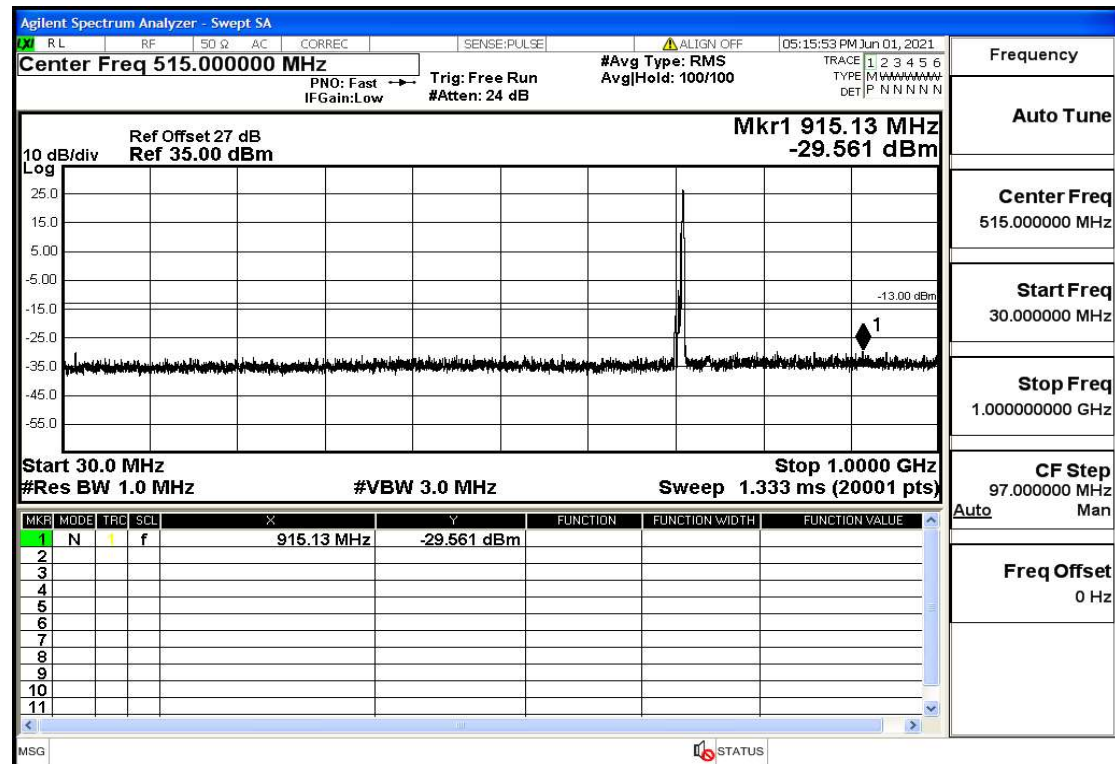
OB17-5-713.5-QPSK-1#LOW@30mHz-1GHz@Pass



OB17-5-713.5-QPSK-1#LOW@1GHz-9GHz@Pass



OB17-5-713.5-QPSK-1#HIGH@30MHz-1GHz@Pass



OB17-5-713.5-QPSK-1#HIGH@1GHz-9GHz@Pass

