

RF Test Data for LTE (Conducted Measurement)

Product Name: Mobile Phone

Trade Mark: FLASH

Test Model: PRIME 1

Sample ID: TZ210702407-1#

FCC ID: 2A2LB-PRIME1

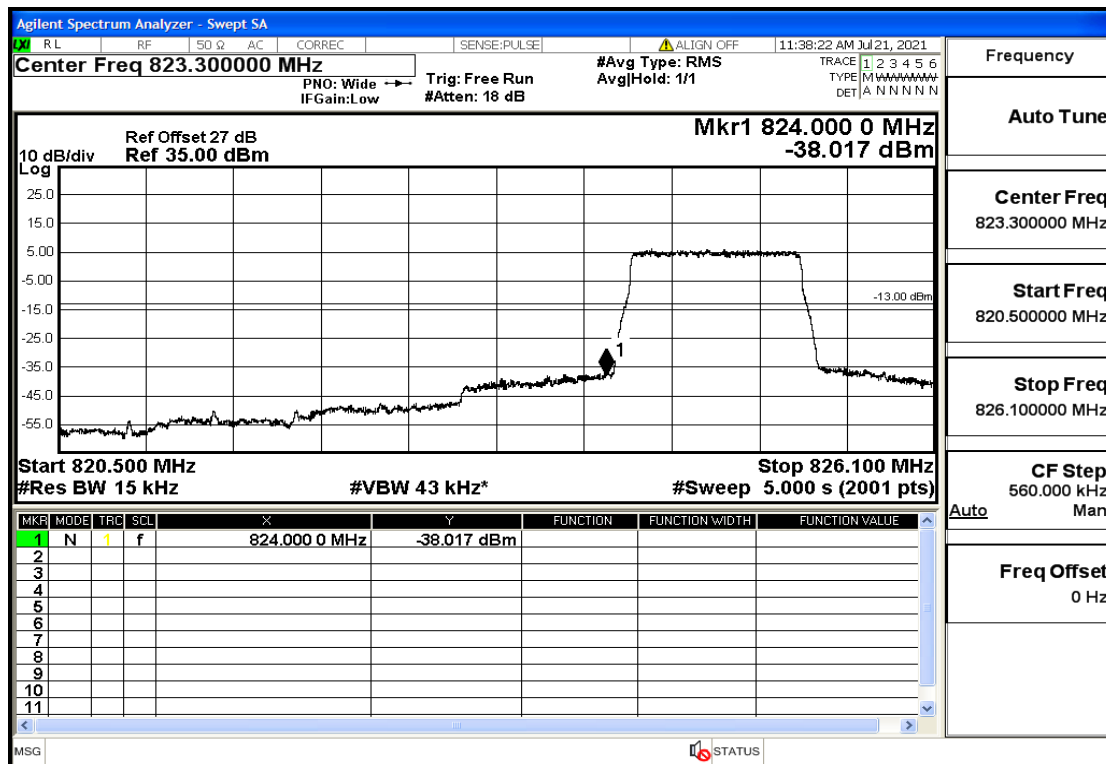
Environmental Conditions

Temperature:	23.8℃
Relative Humidity:	51%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
Remark:	For LTE Band5

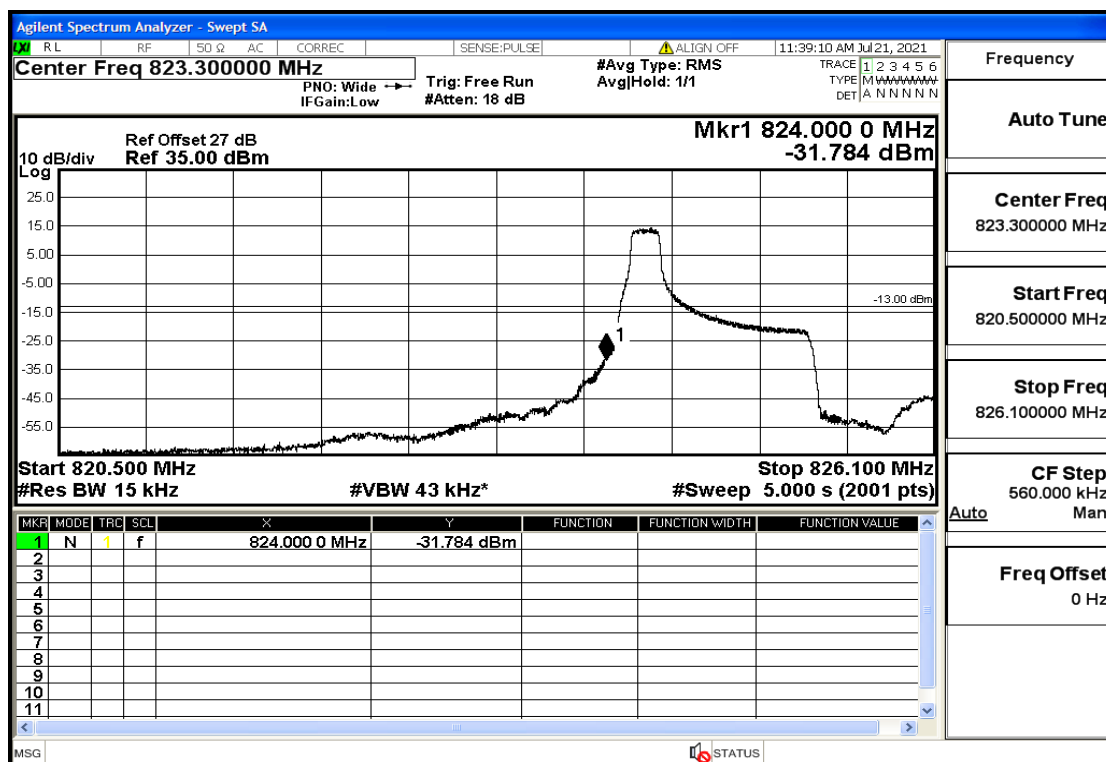
Band Edge and Emission Mask

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	50	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	50	LOW	Pass
Band5	10	844	16QAM	1	HIGH	Pass

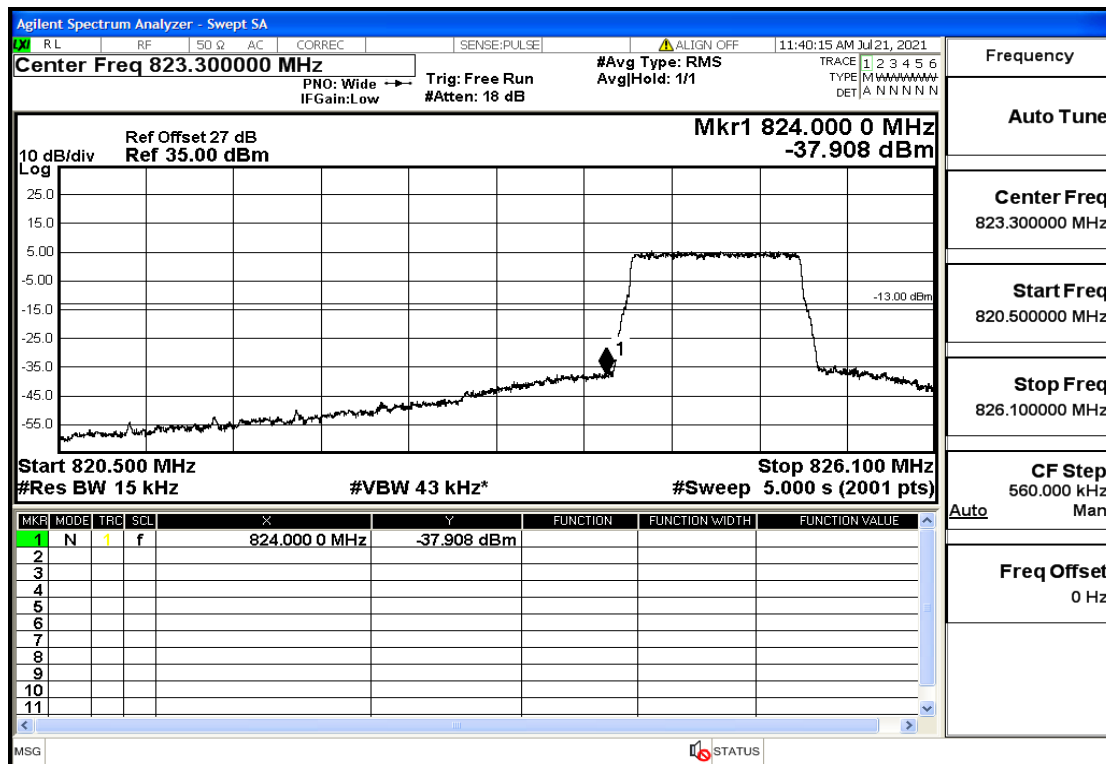
Band5-1.4-824.7-QPSK-6#LOW@Pass



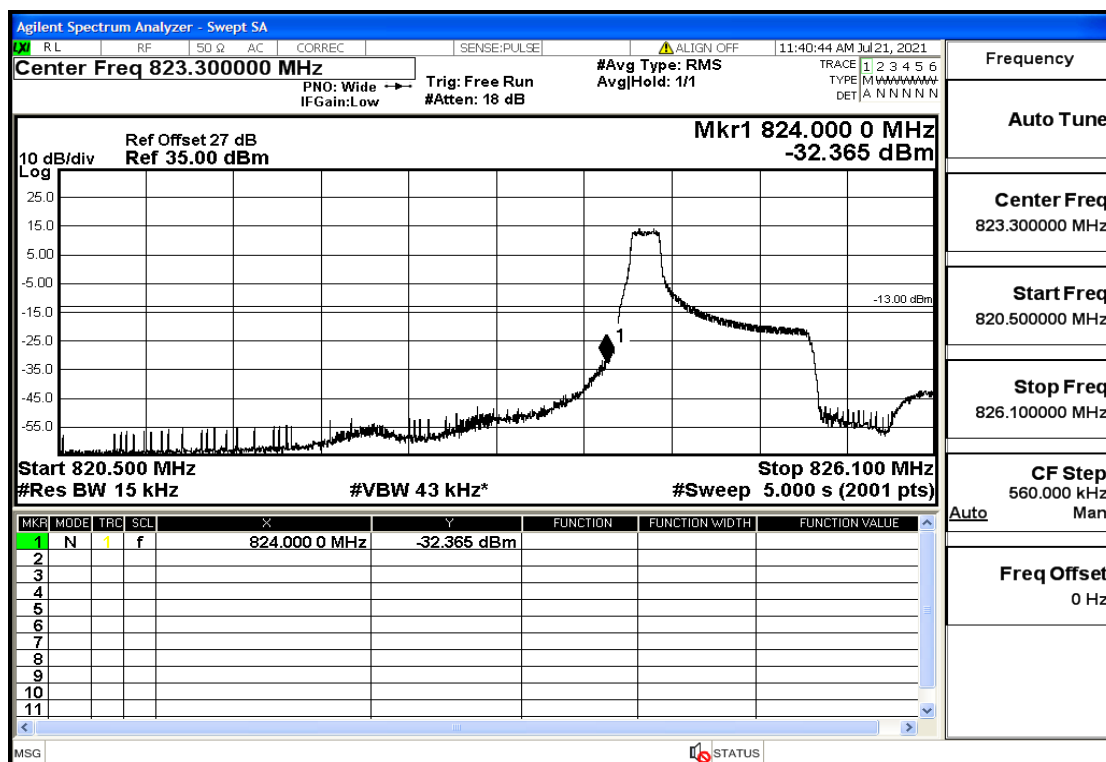
Band5-1.4-824.7-QPSK-1#LOW@Pass



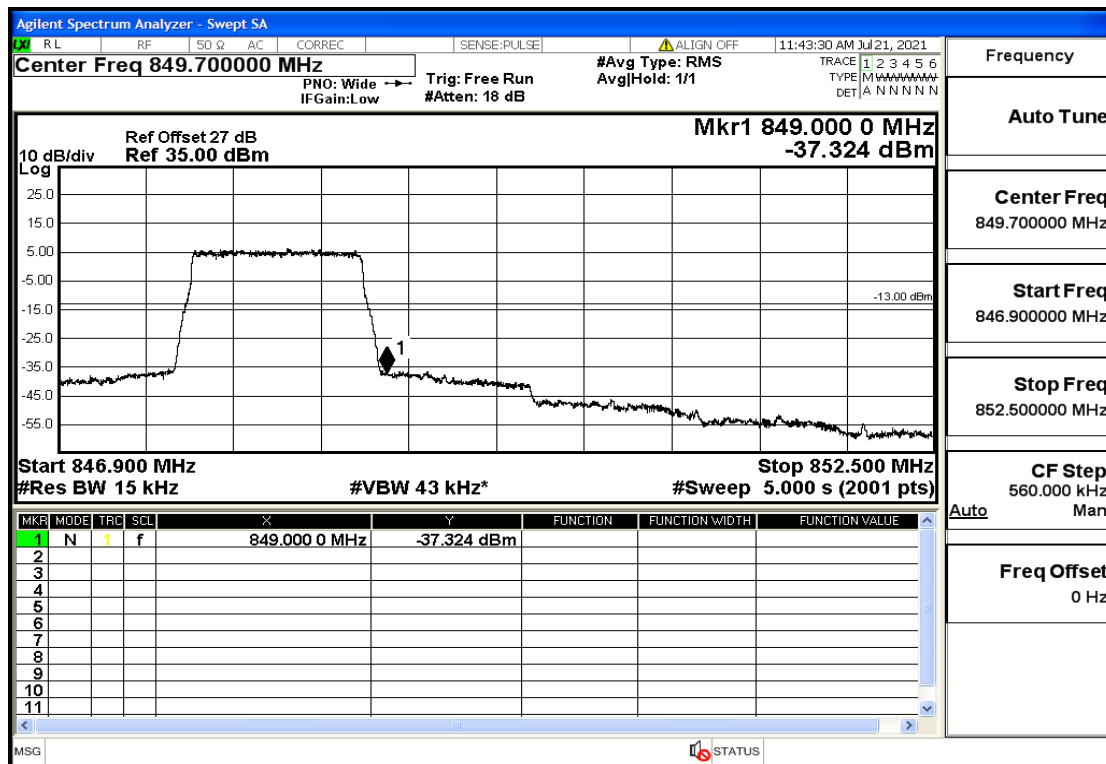
Band5-1.4-824.7-16QAM-6#LOW@Pass



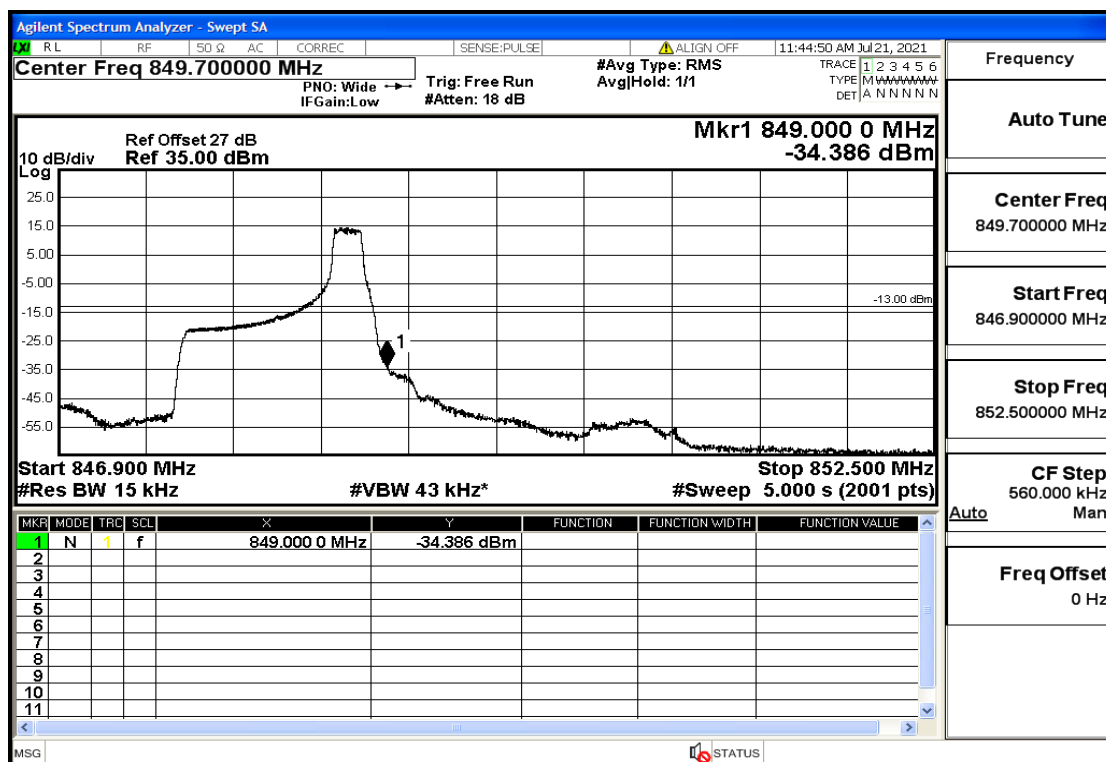
Band5-1.4-824.7-16QAM-1#LOW@Pass



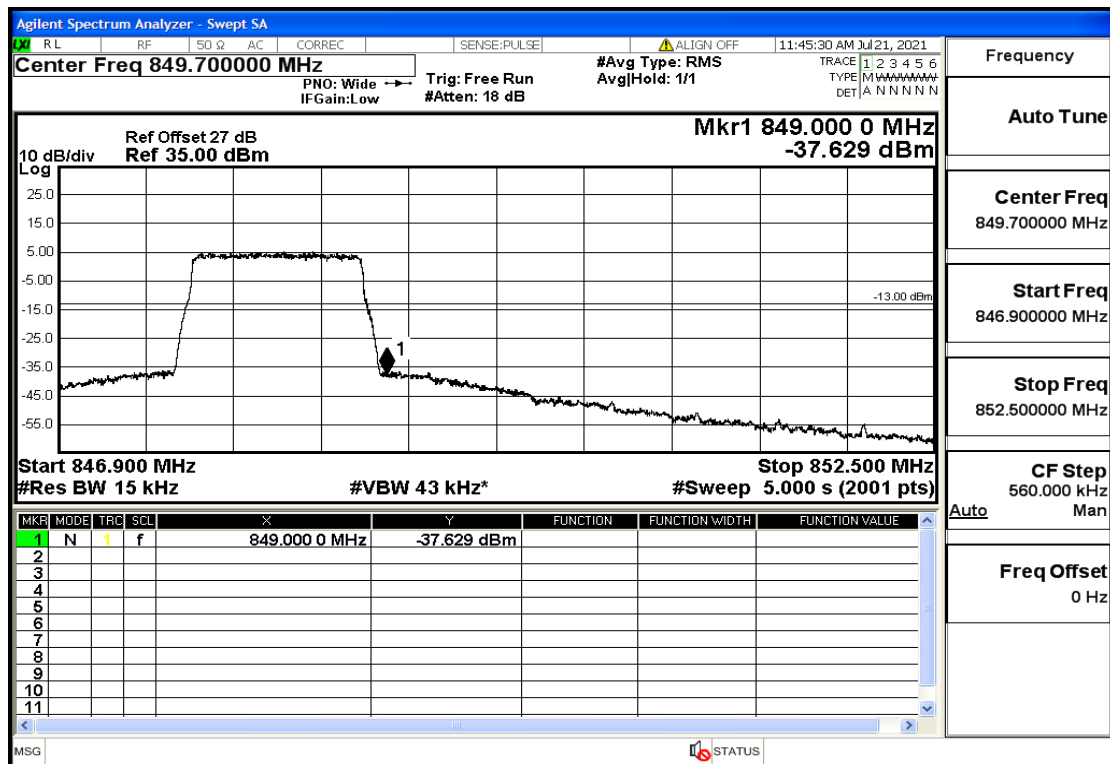
Band5-1.4-848.3-QPSK-6#LOW@Pass



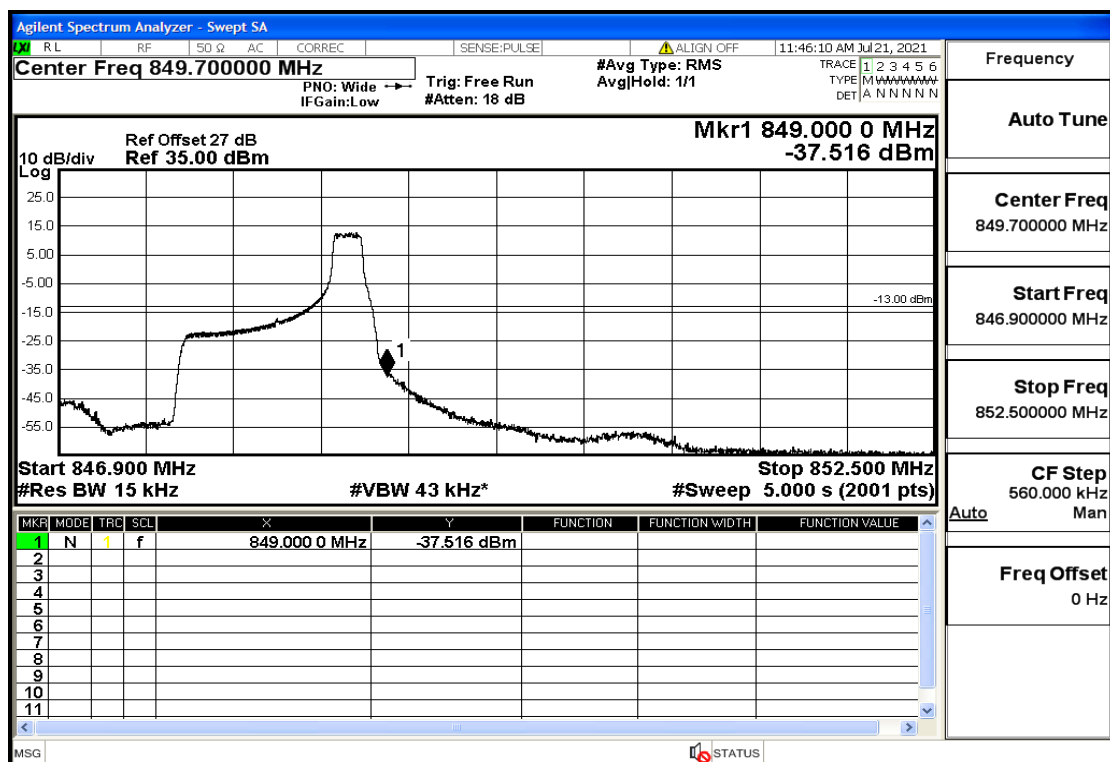
Band5-1.4-848.3-QPSK-1#HIGH@Pass



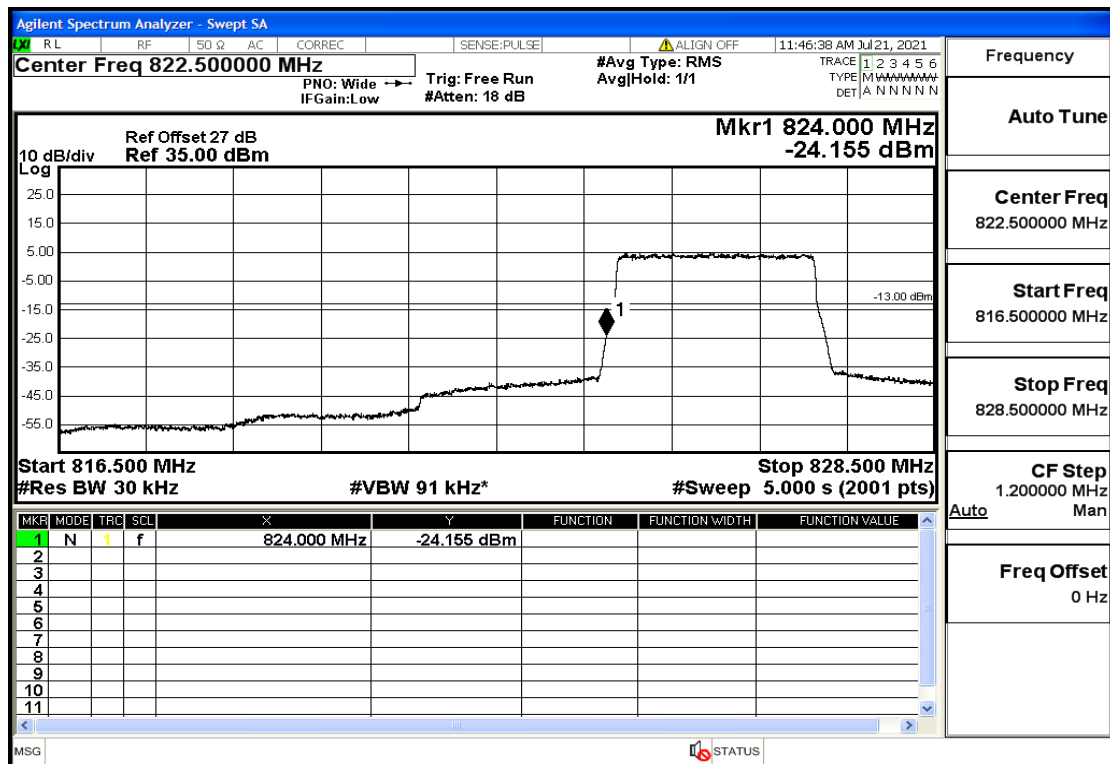
Band5-1.4-848.3-16QAM-6#LOW@Pass



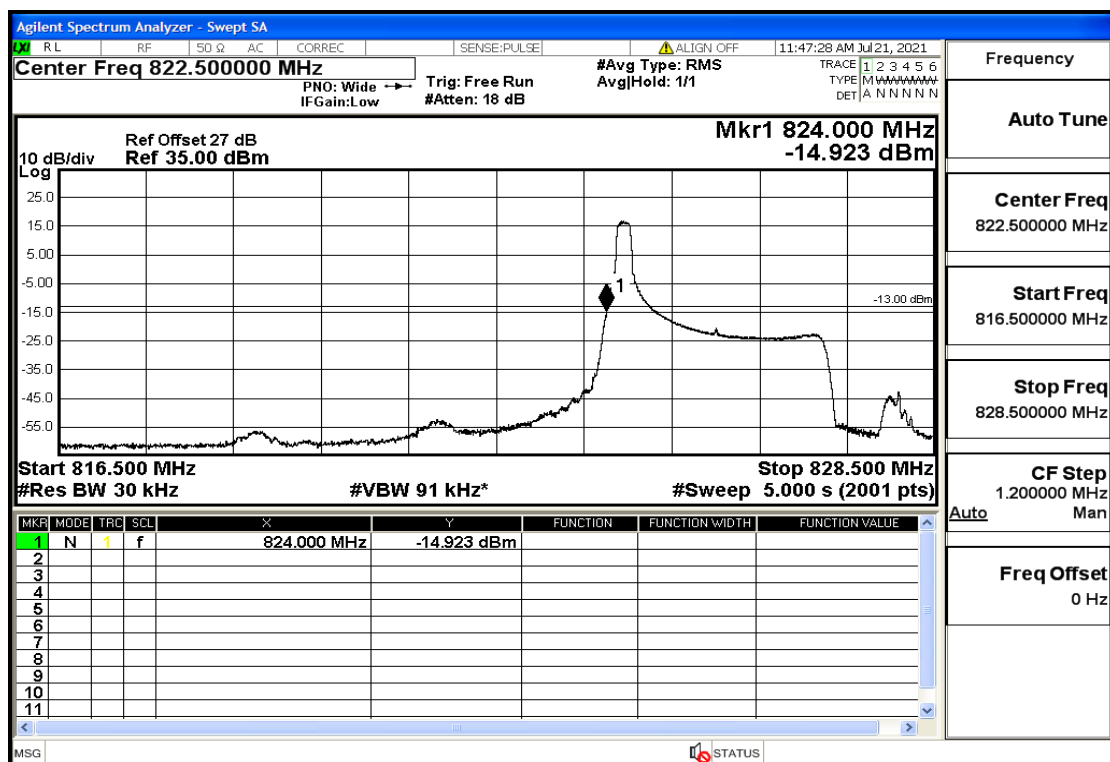
Band5-1.4-848.3-16QAM-1#HIGH@Pass



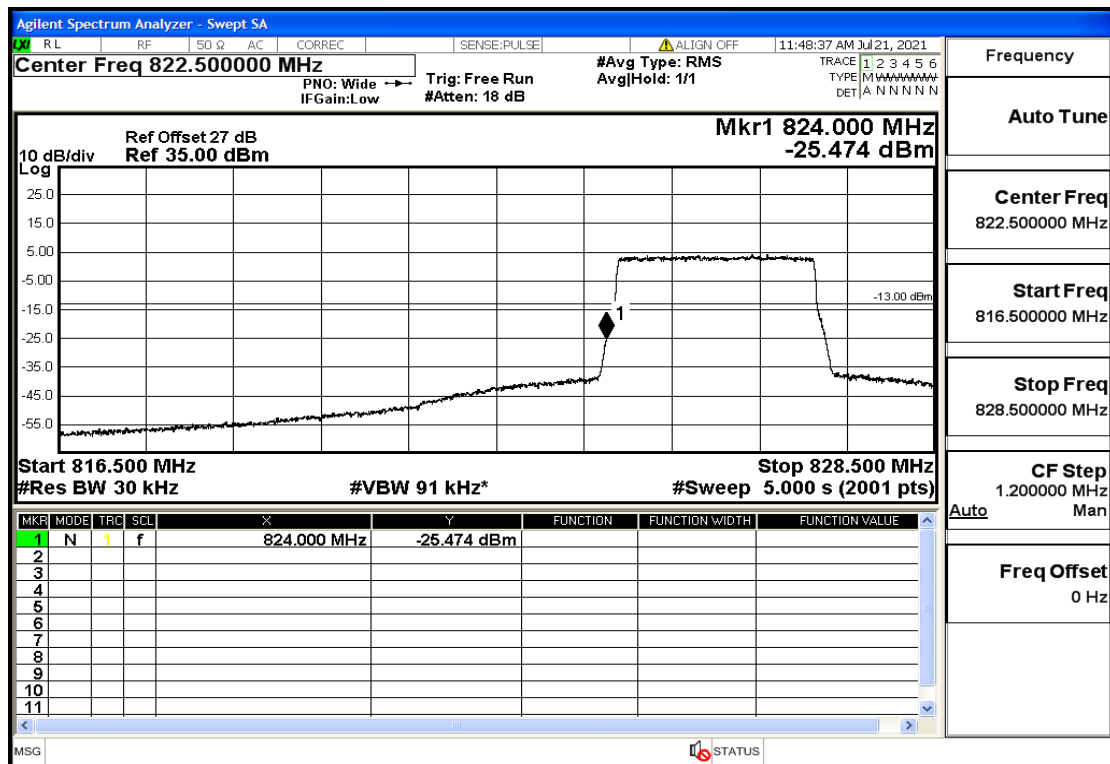
Band5-3-825.5-QPSK-15#LOW@Pass



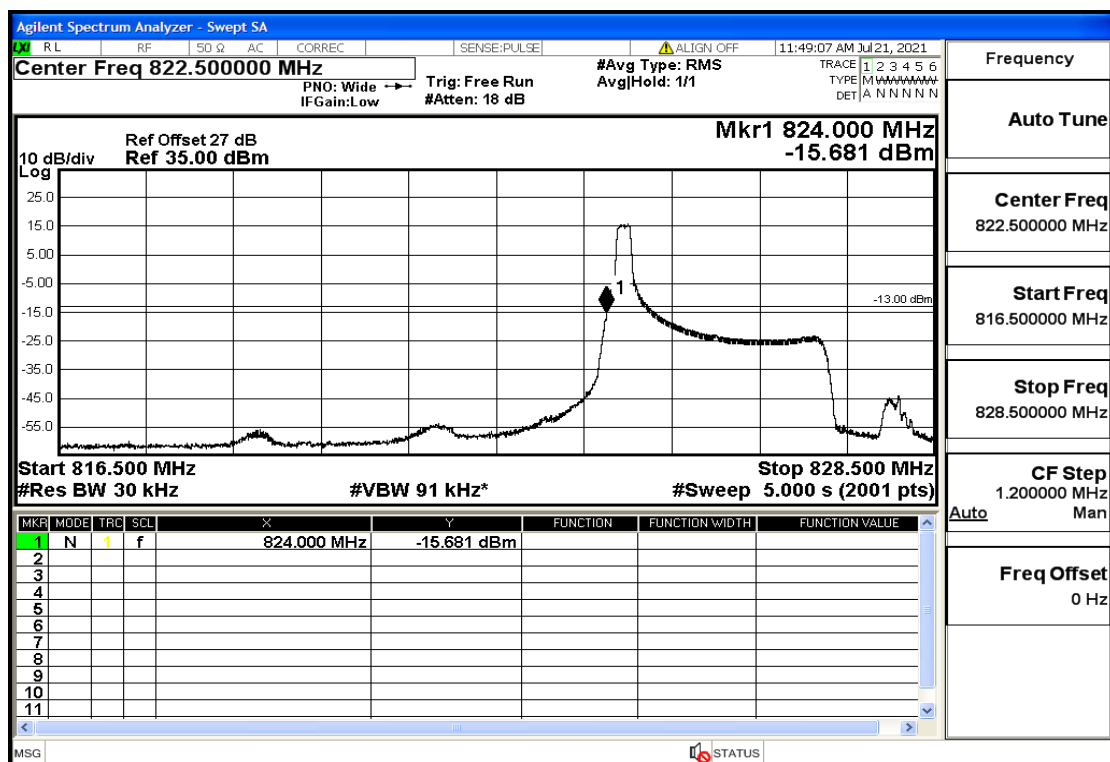
Band5-3-825.5-QPSK-1#LOW@Pass



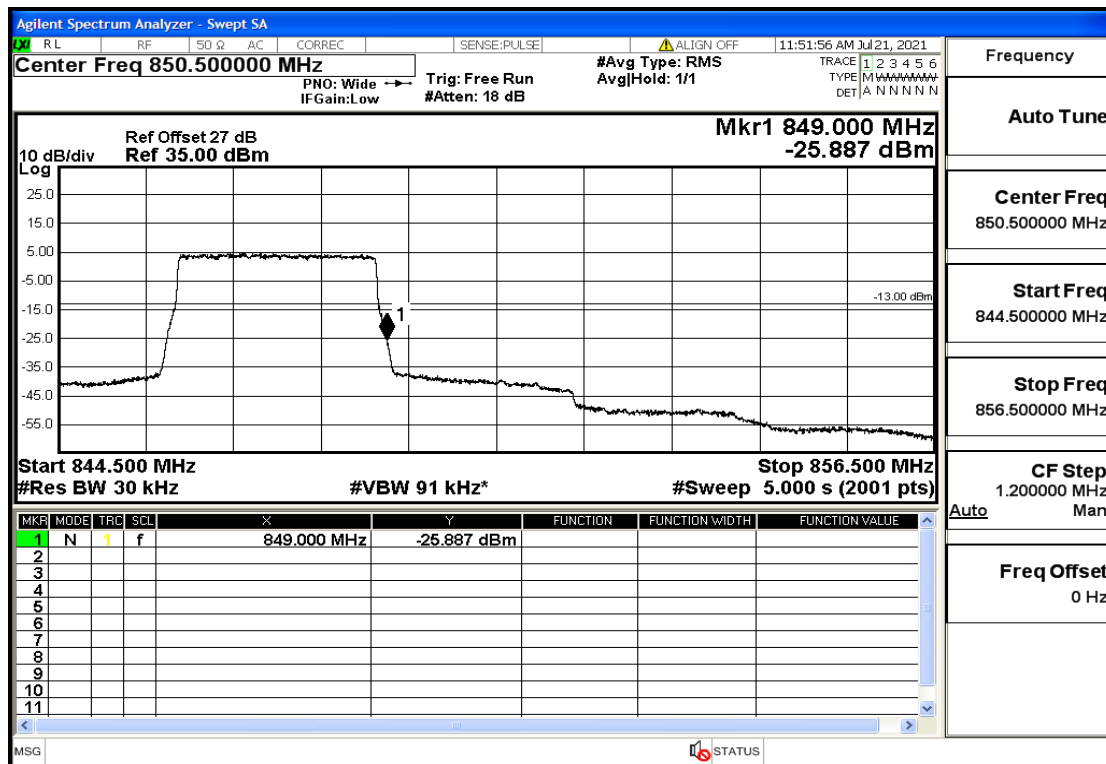
Band5-3-825.5-16QAM-15#LOW@Pass



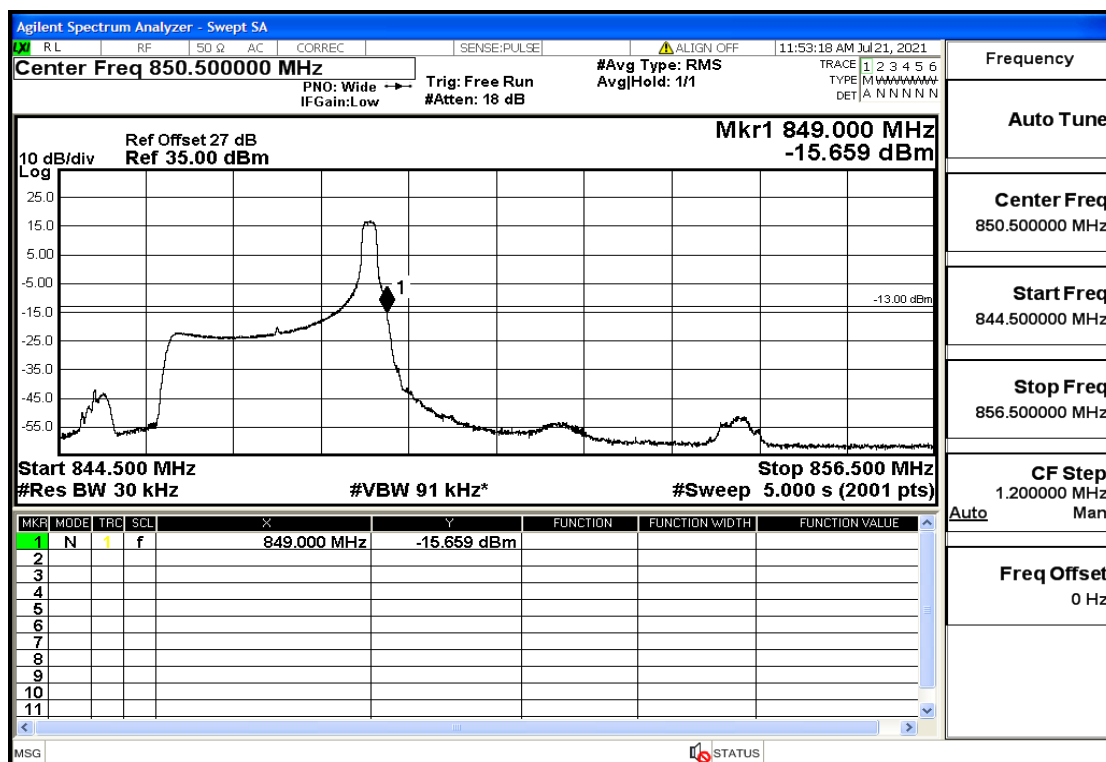
Band5-3-825.5-16QAM-1#LOW@Pass



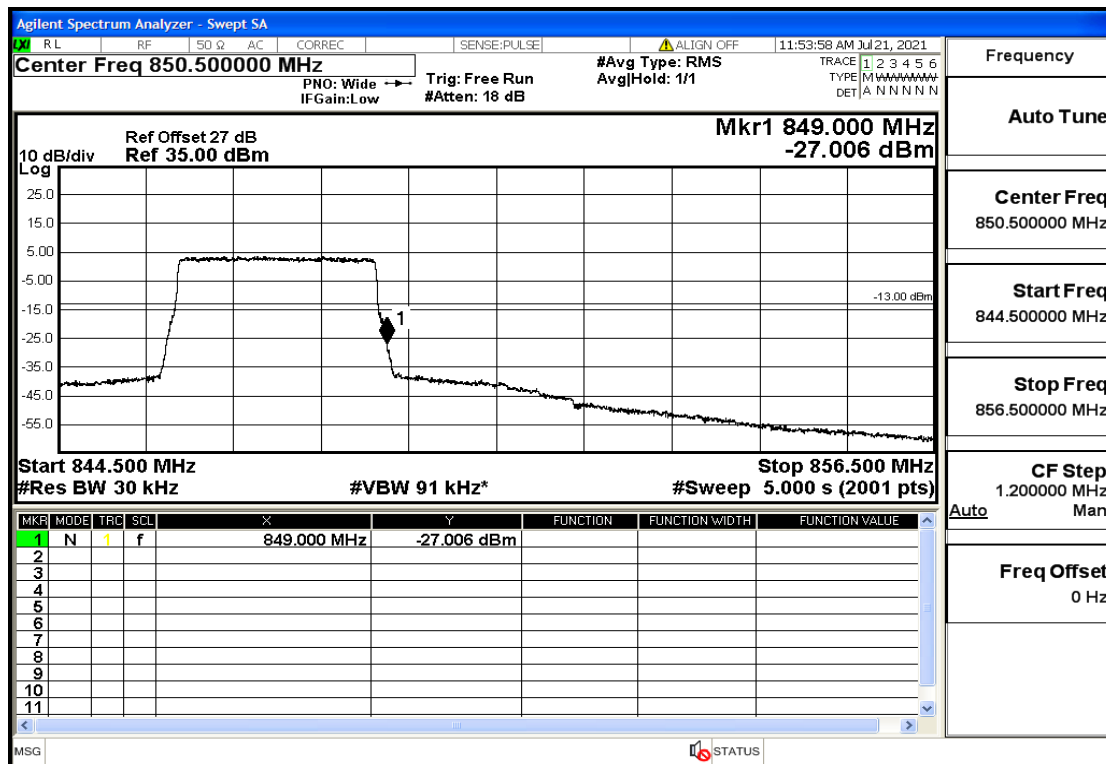
Band5-3-847.5-QPSK-15#LOW@Pass



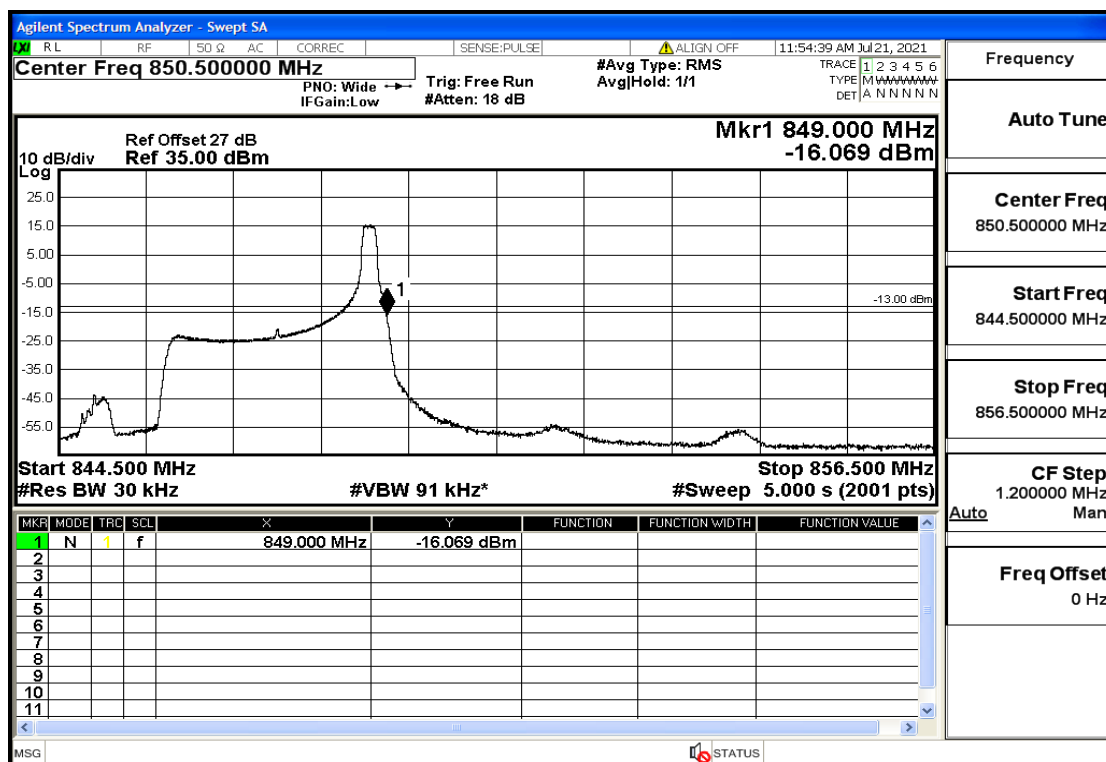
Band5-3-847.5-QPSK-1#HIGH@Pass



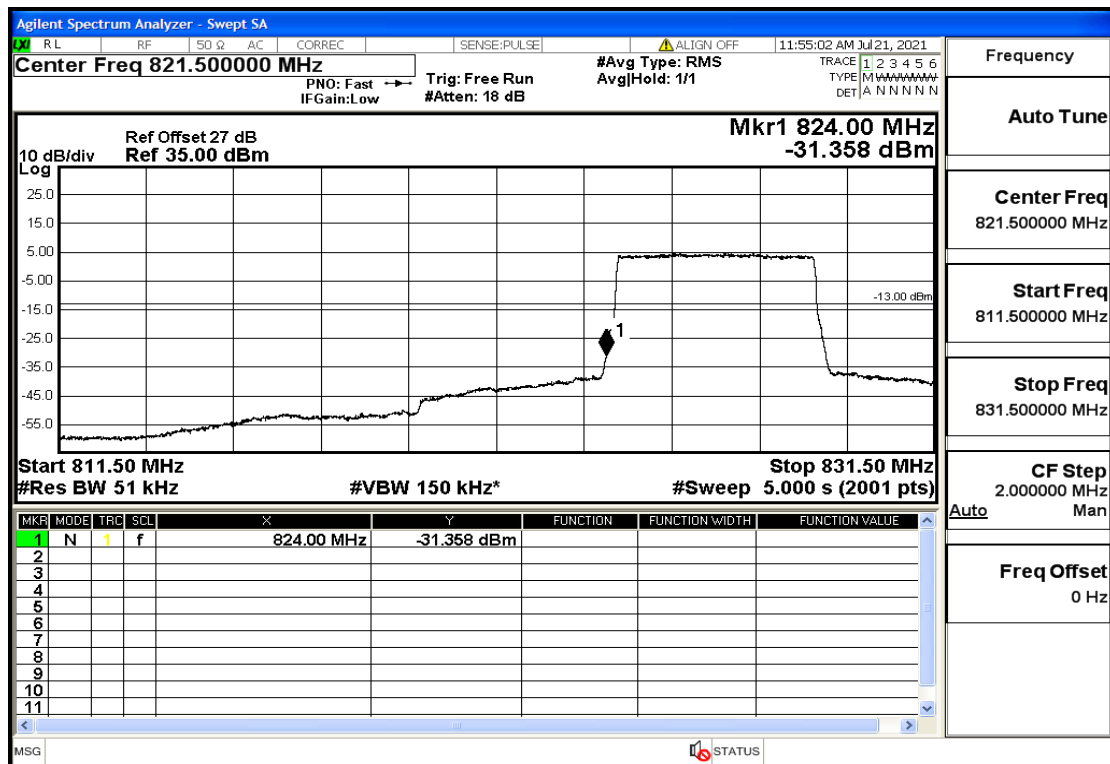
Band5-3-847.5-16QAM-15#LOW@Pass



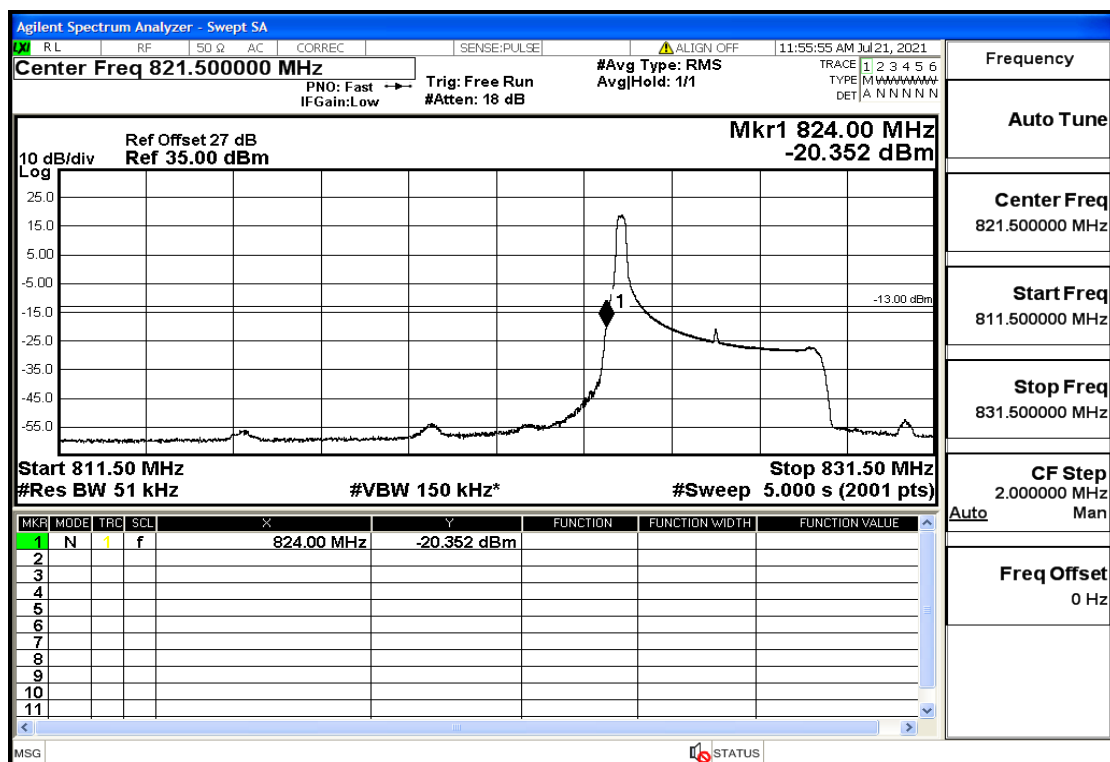
Band5-3-847.5-16QAM-1#HIGH@Pass



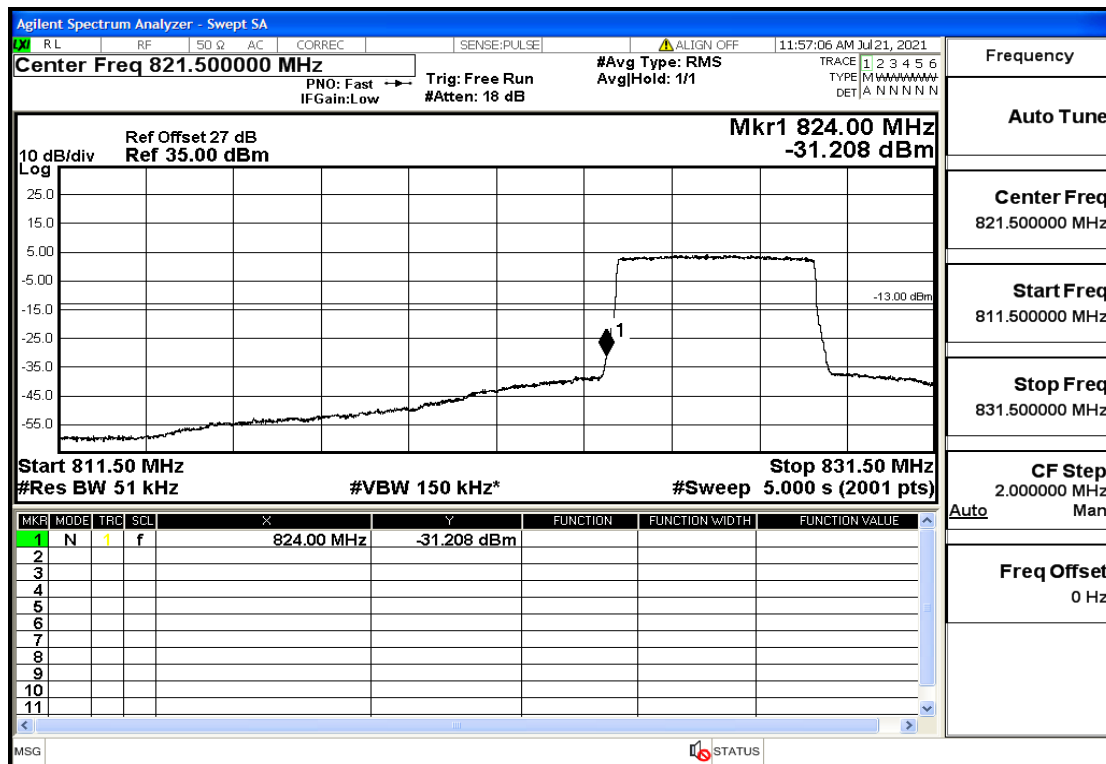
Band5-5-826.5-QPSK-25#LOW@Pass



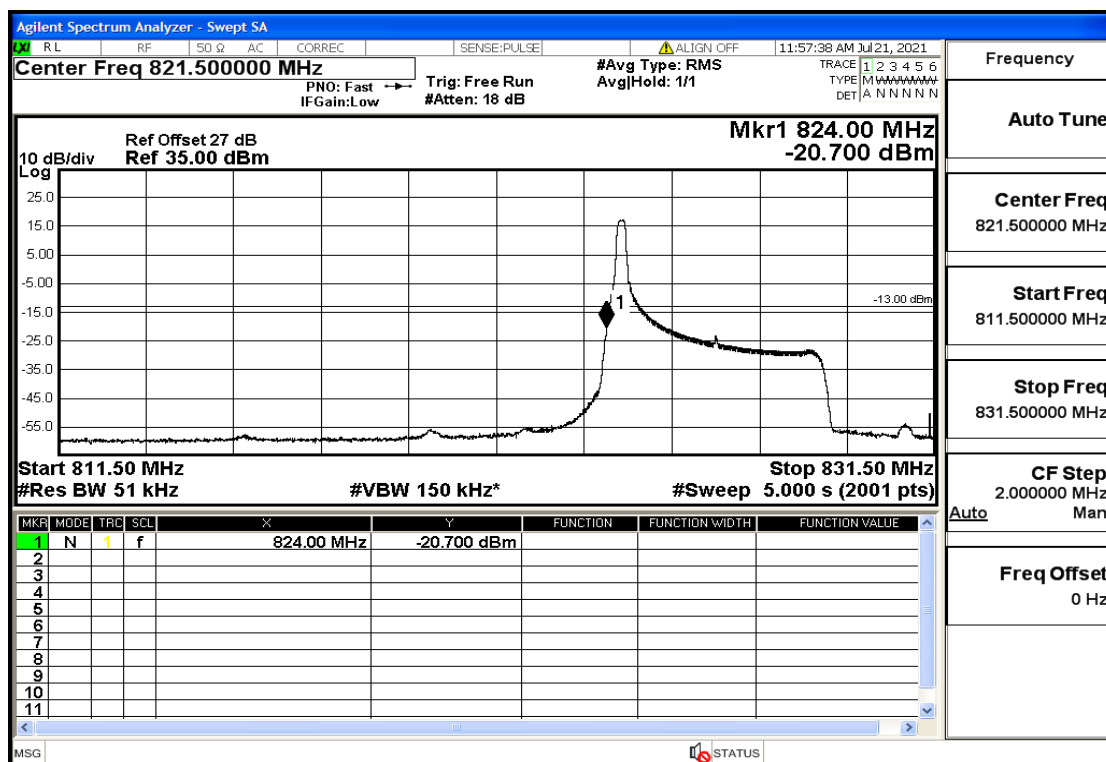
Band5-5-826.5-QPSK-1#LOW@Pass



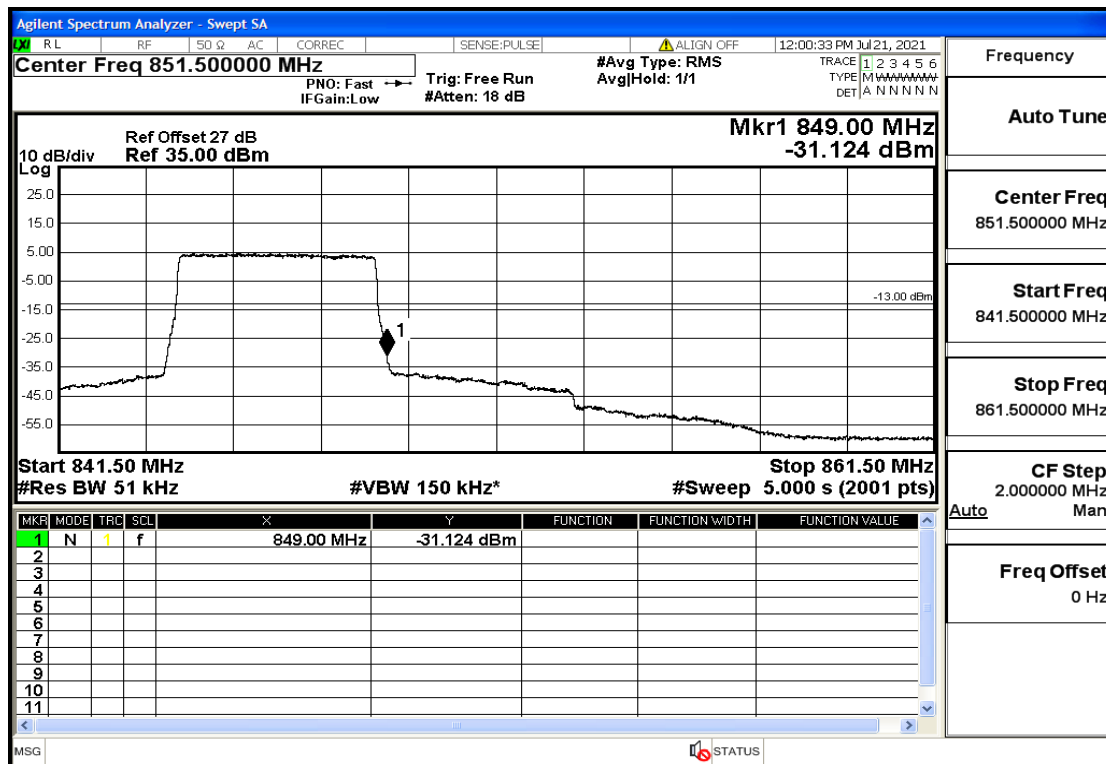
Band5-5-826.5-16QAM-25#LOW@Pass



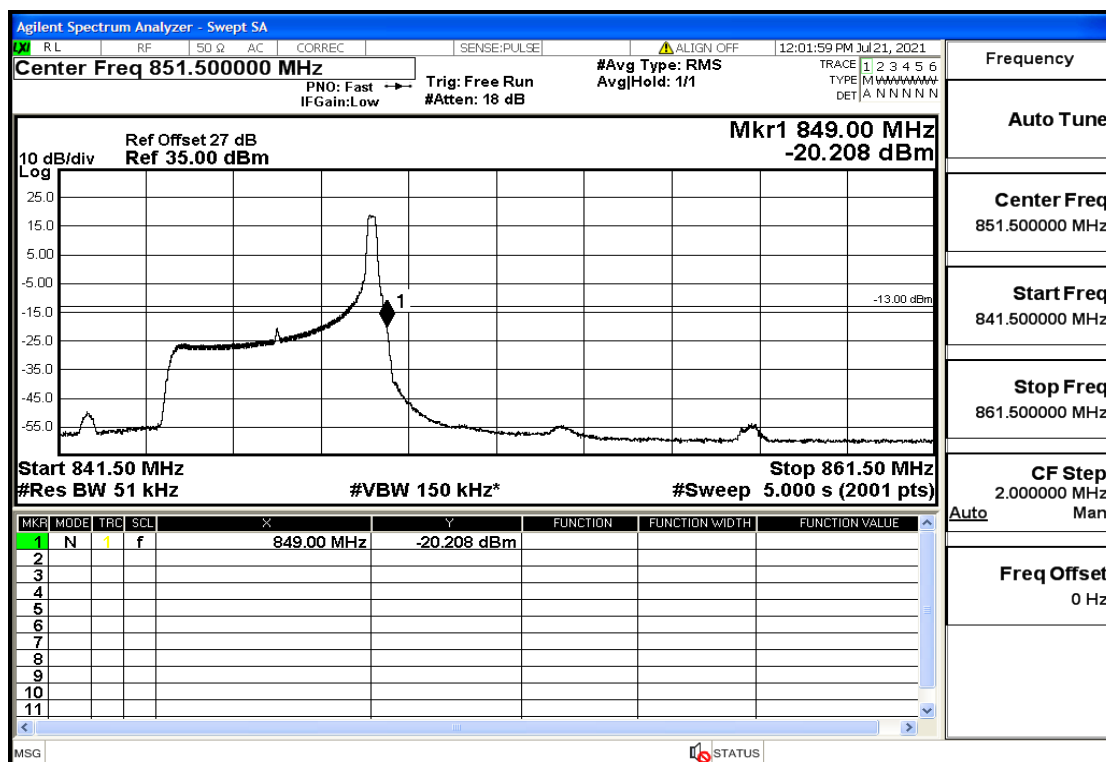
Band5-5-826.5-16QAM-1#LOW@Pass



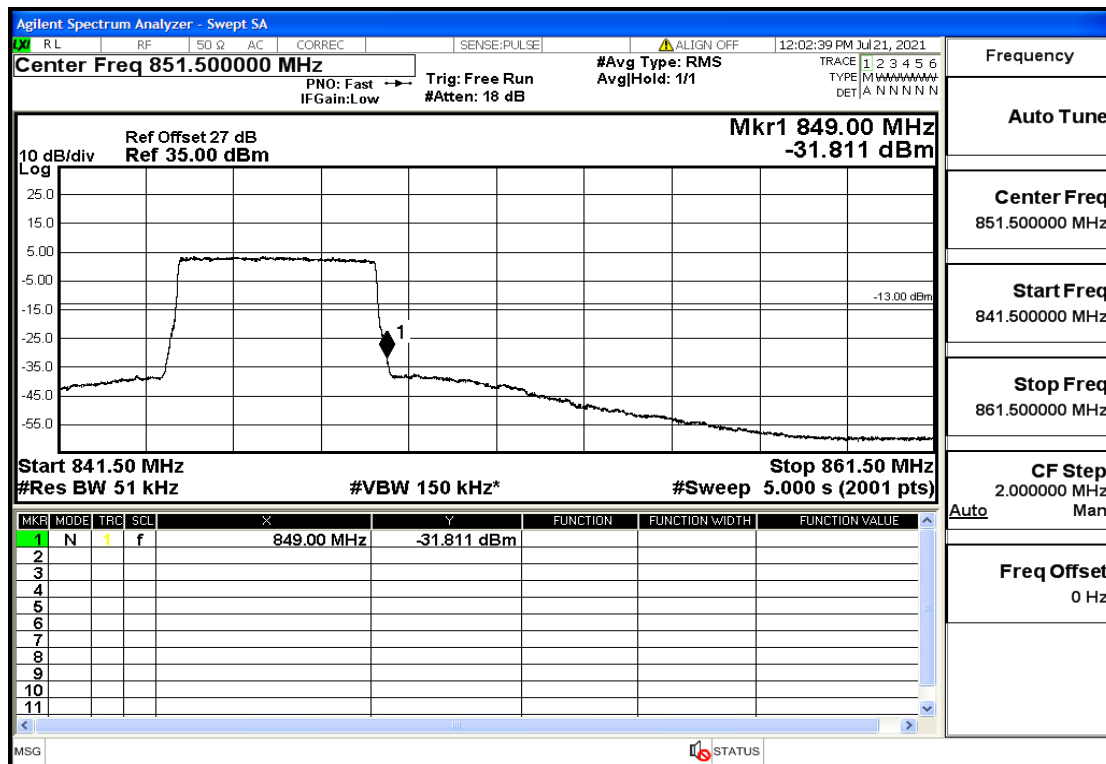
Band5-5-846.5-QPSK-25#LOW@Pass



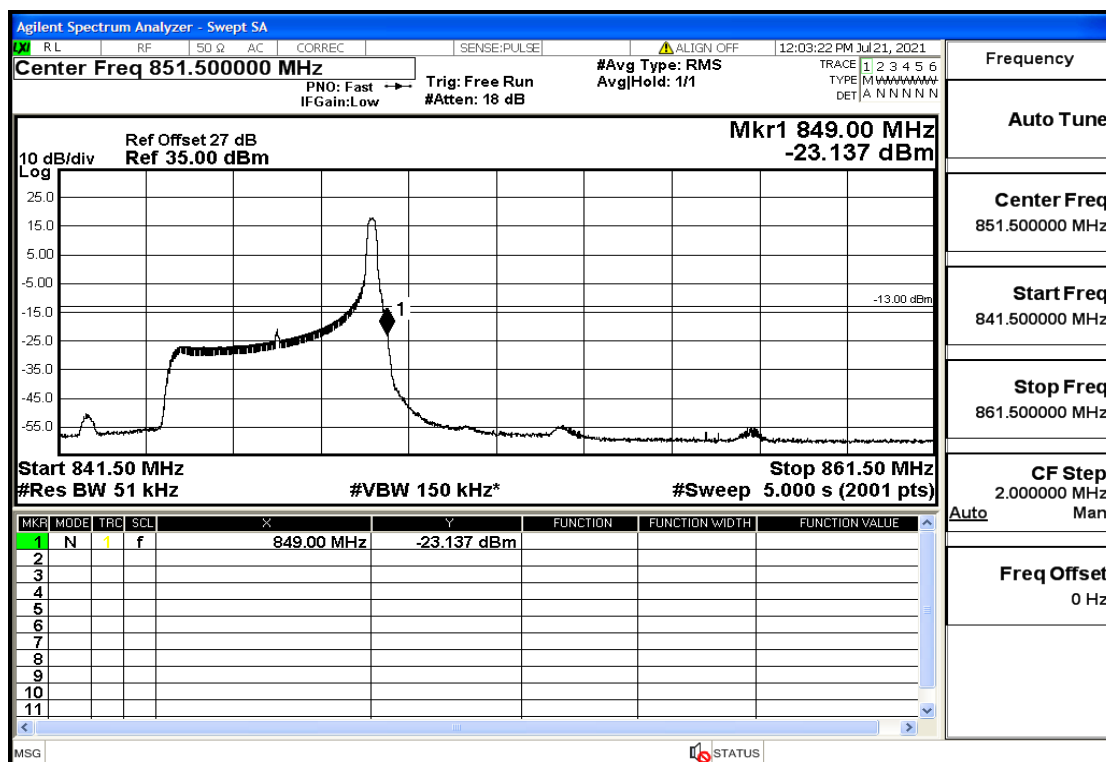
Band5-5-846.5-QPSK-1#HIGH@Pass



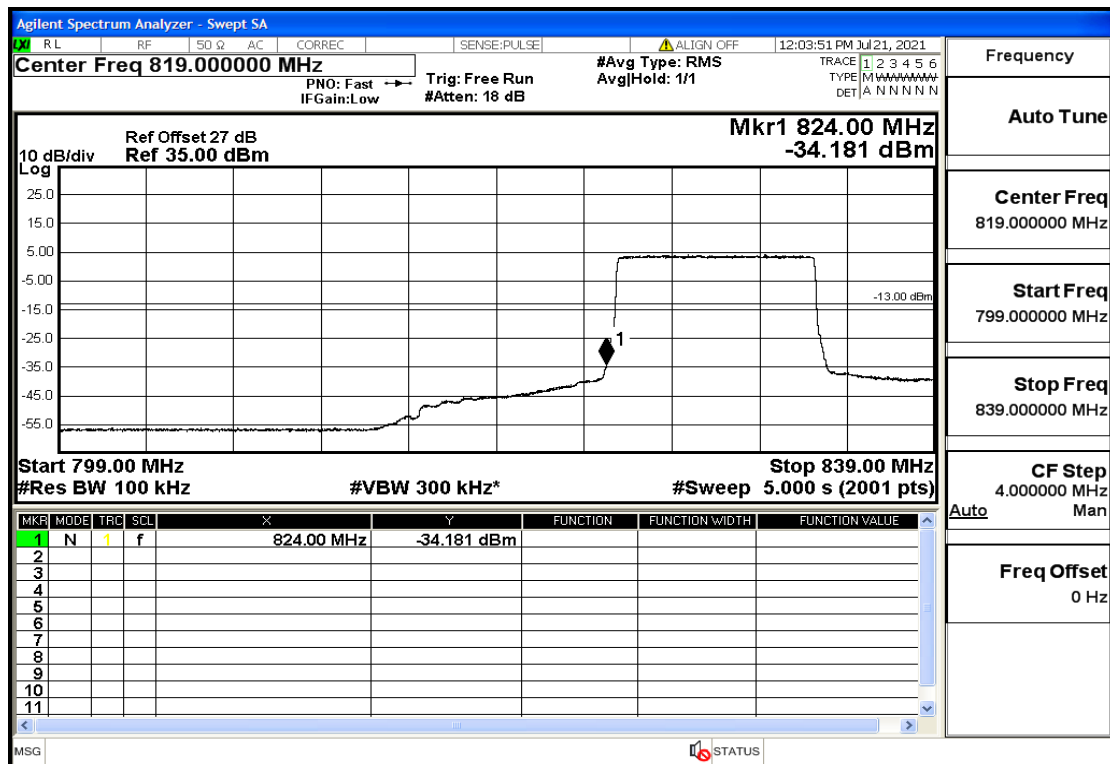
Band5-5-846.5-16QAM-25#LOW@Pass



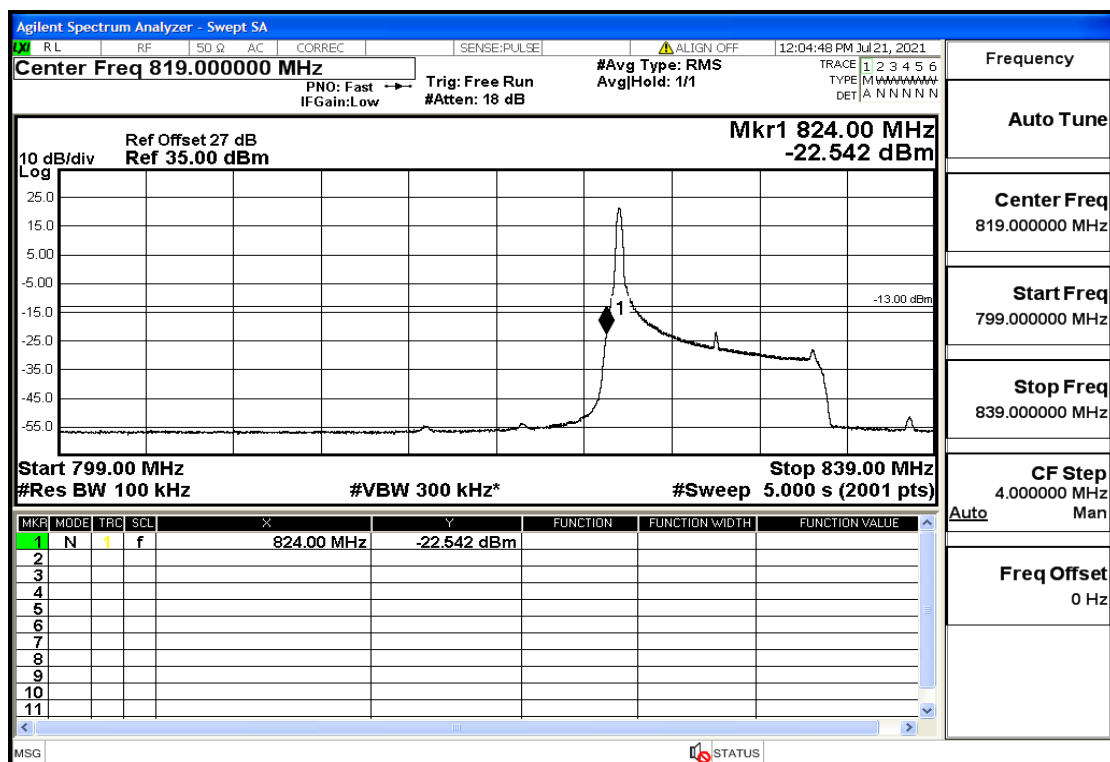
Band5-5-846.5-16QAM-1#HIGH@Pass



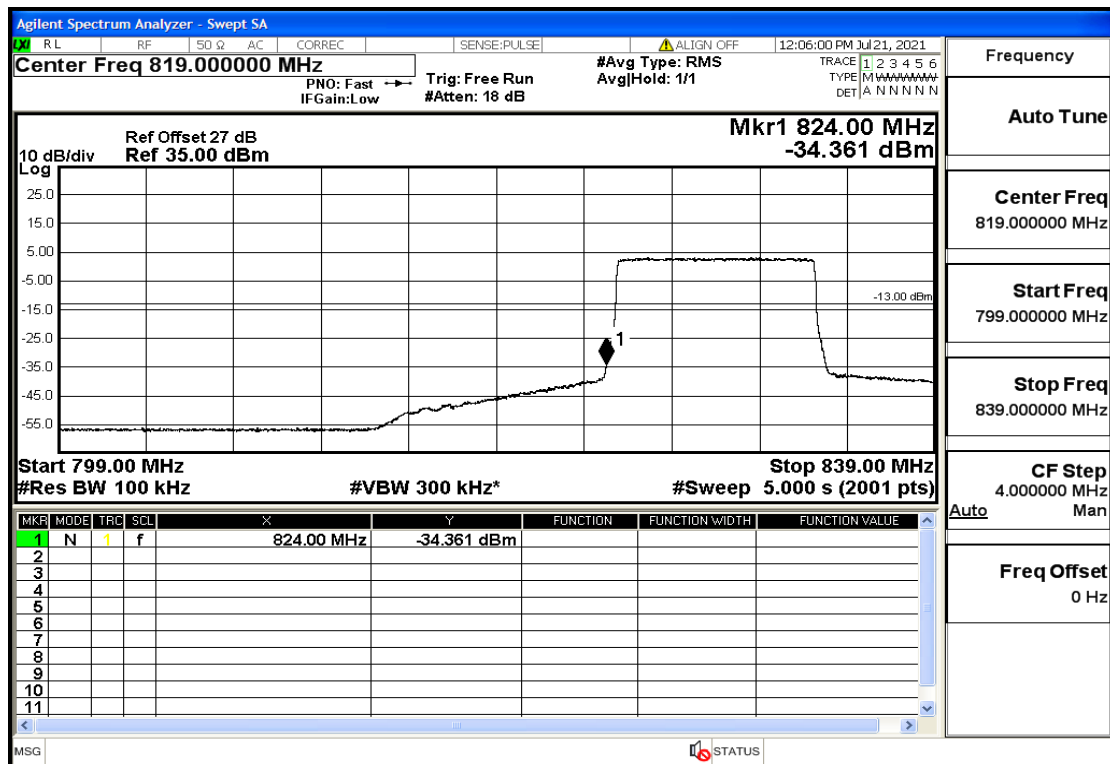
Band5-10-829-QPSK-50#LOW@Pass



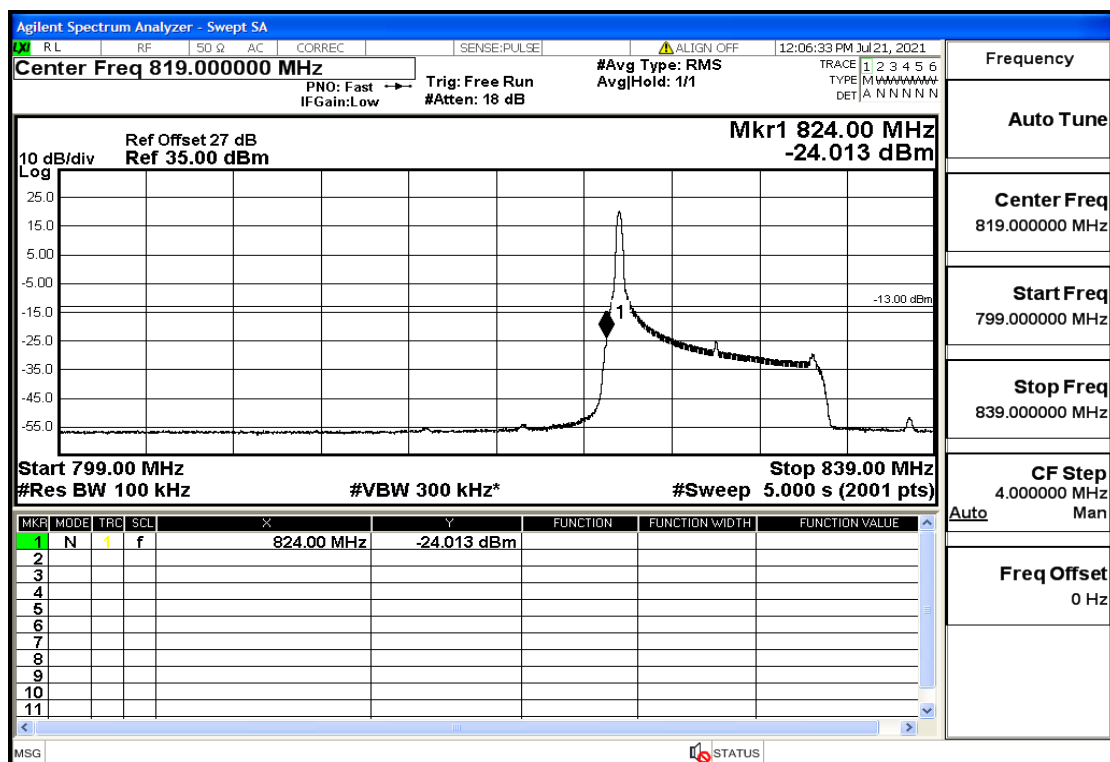
Band5-10-829-QPSK-1#LOW@Pass



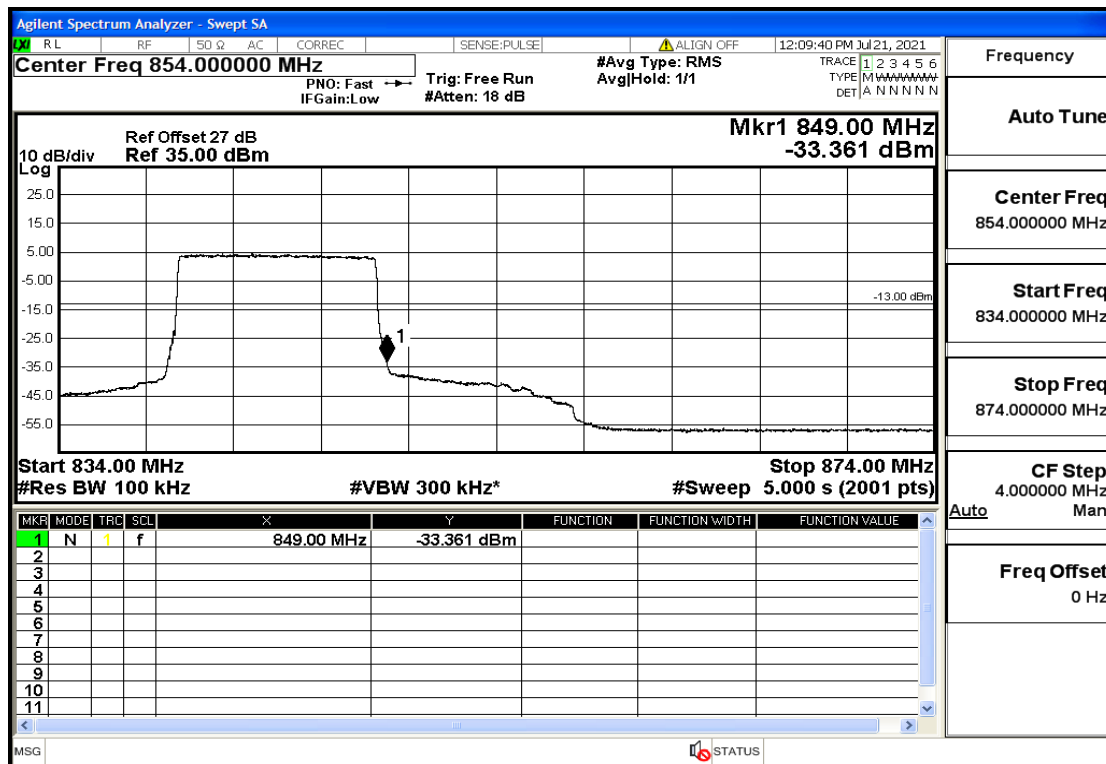
Band5-10-829-16QAM-50#LOW@Pass



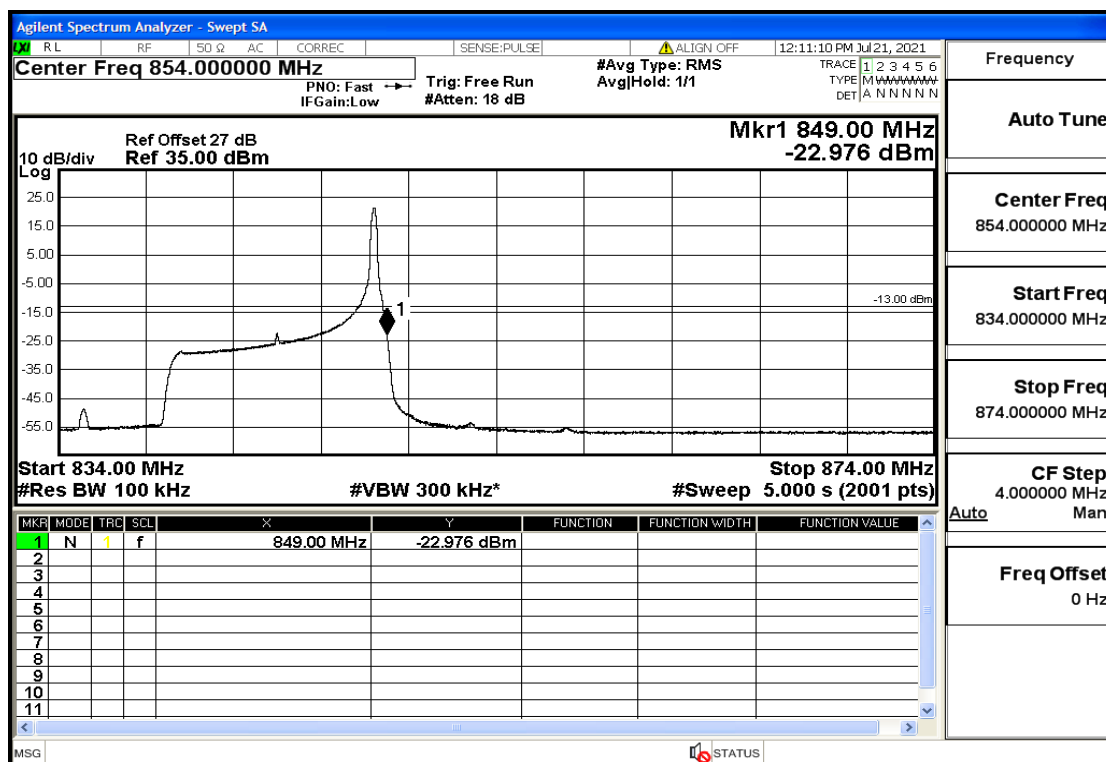
Band5-10-829-16QAM-1#LOW@Pass



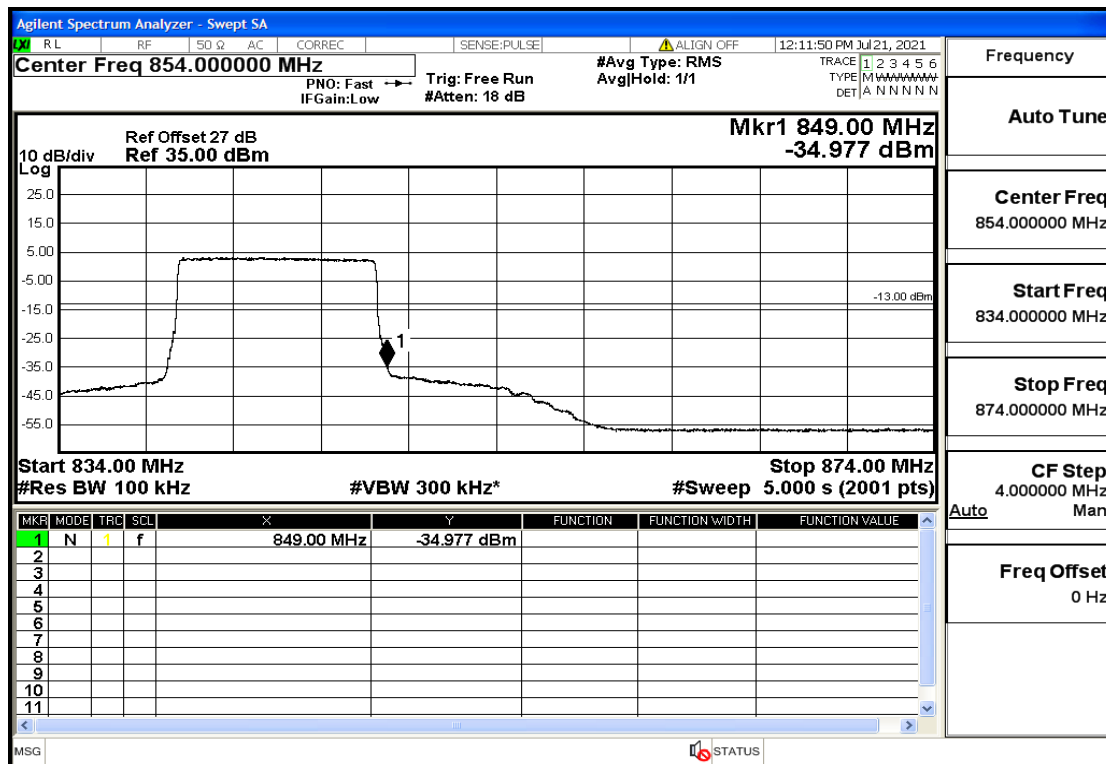
Band5-10-844-QPSK-50#LOW@Pass



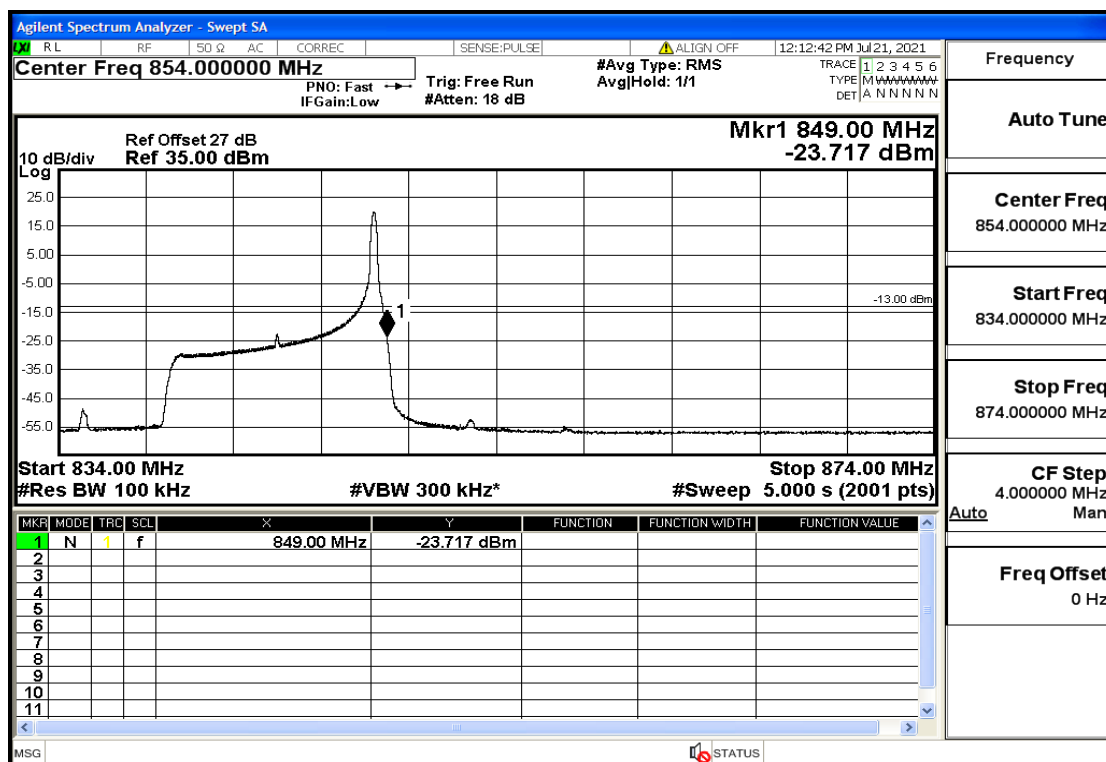
Band5-10-844-QPSK-1#HIGH@Pass



Band5-10-844-16QAM-50#LOW@Pass



Band5-10-844-16QAM-1#HIGH@Pass

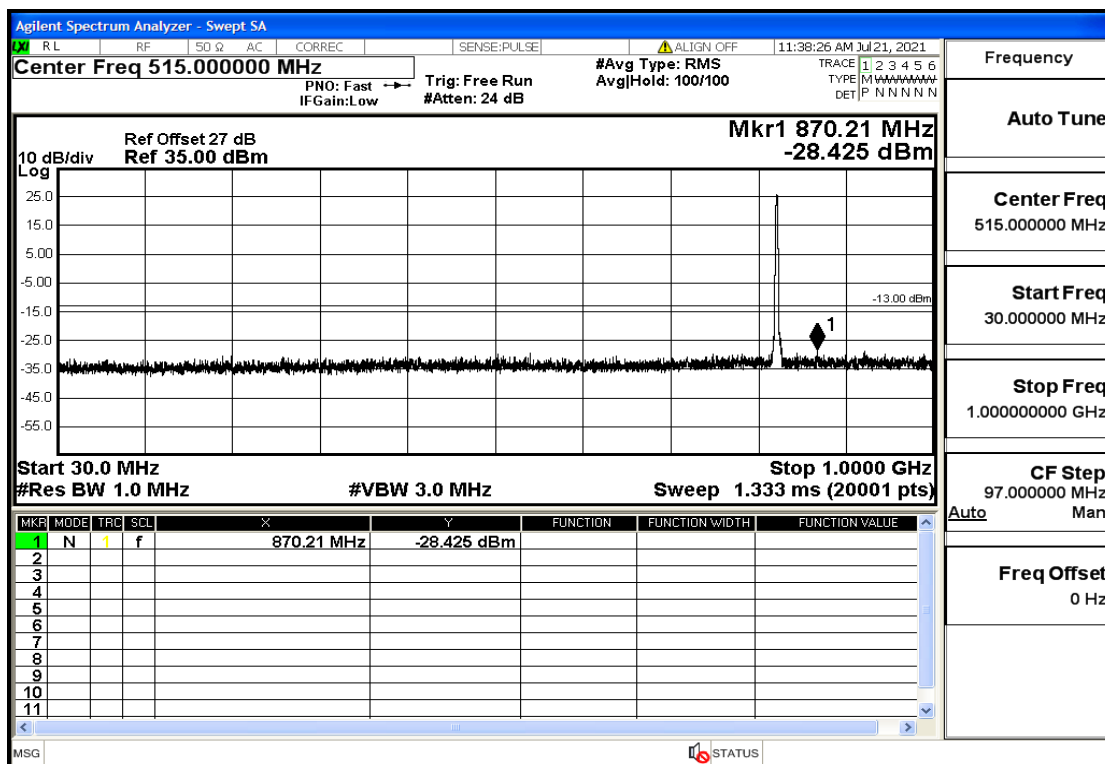


Conducted Spurious Emission

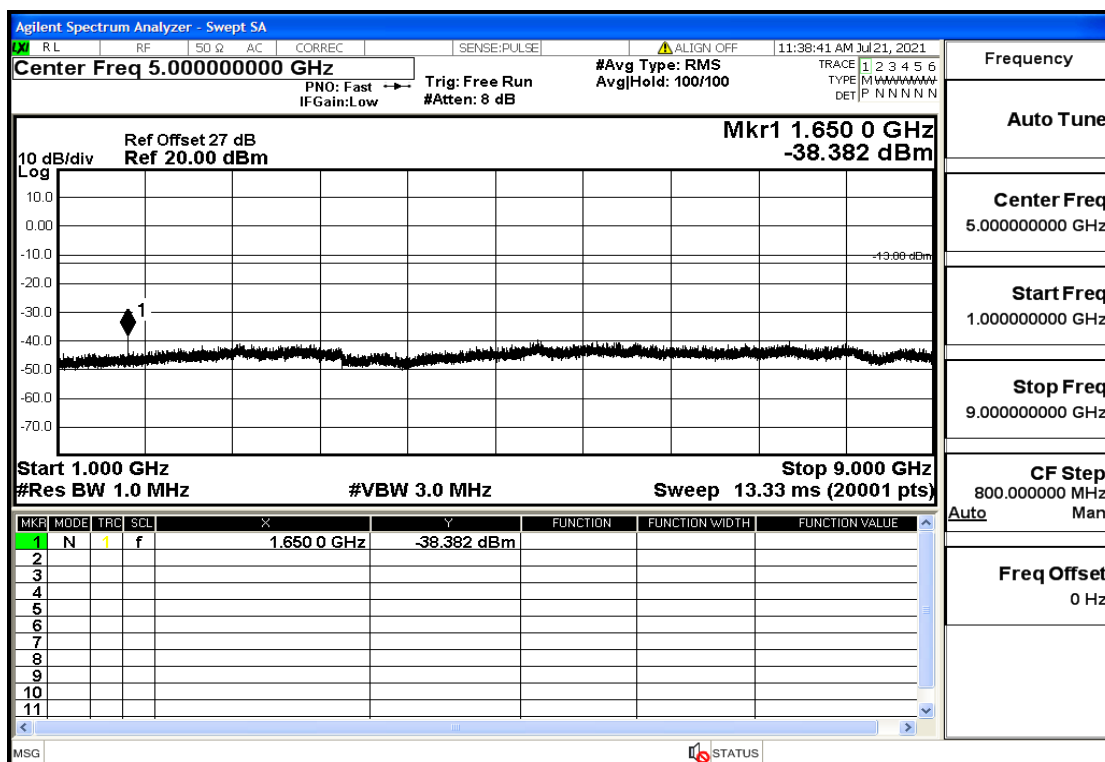
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB5	1.4	824.7	QPSK	6	LOW	30mHz-1GHz	Pass
OB5	1.4	824.7	QPSK	6	LOW	1GHz-9GHz	Pass
OB5	1.4	824.7	QPSK	1	LOW	30mHz-1GHz	Pass
OB5	1.4	824.7	QPSK	1	LOW	1GHz-9GHz	Pass
OB5	1.4	824.7	QPSK	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

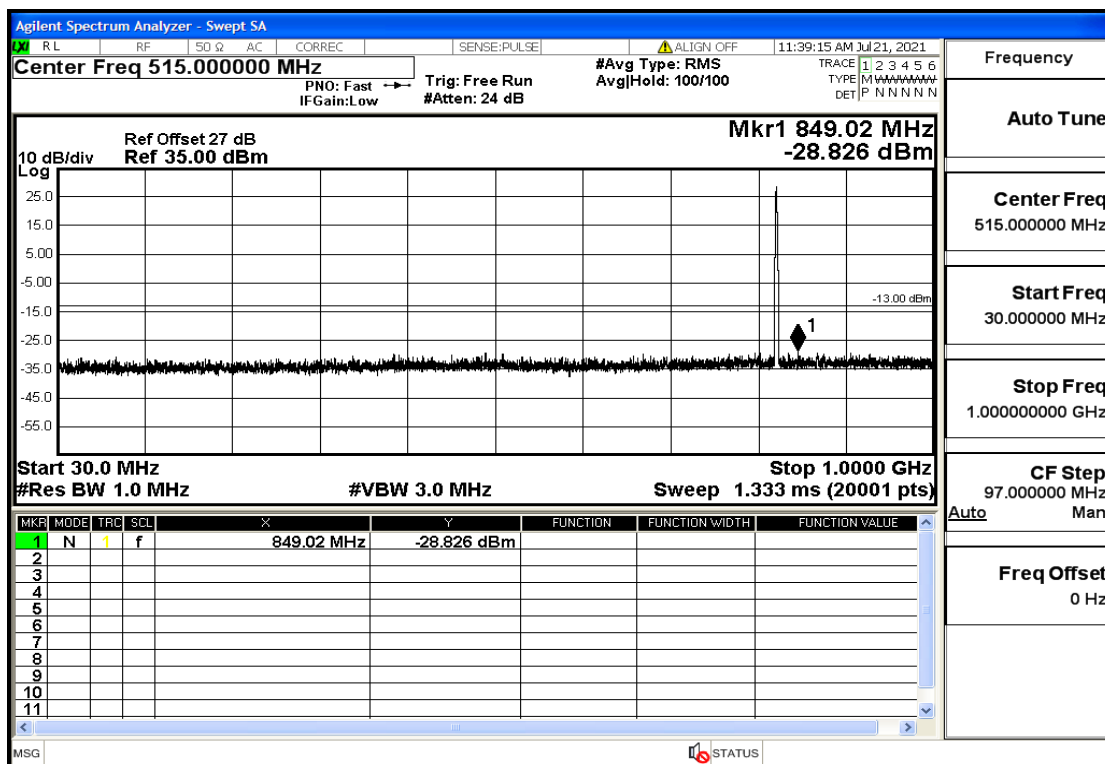
OB5-1.4-824.7-QPSK-6#LOW@30mHz-1GHz@Pass



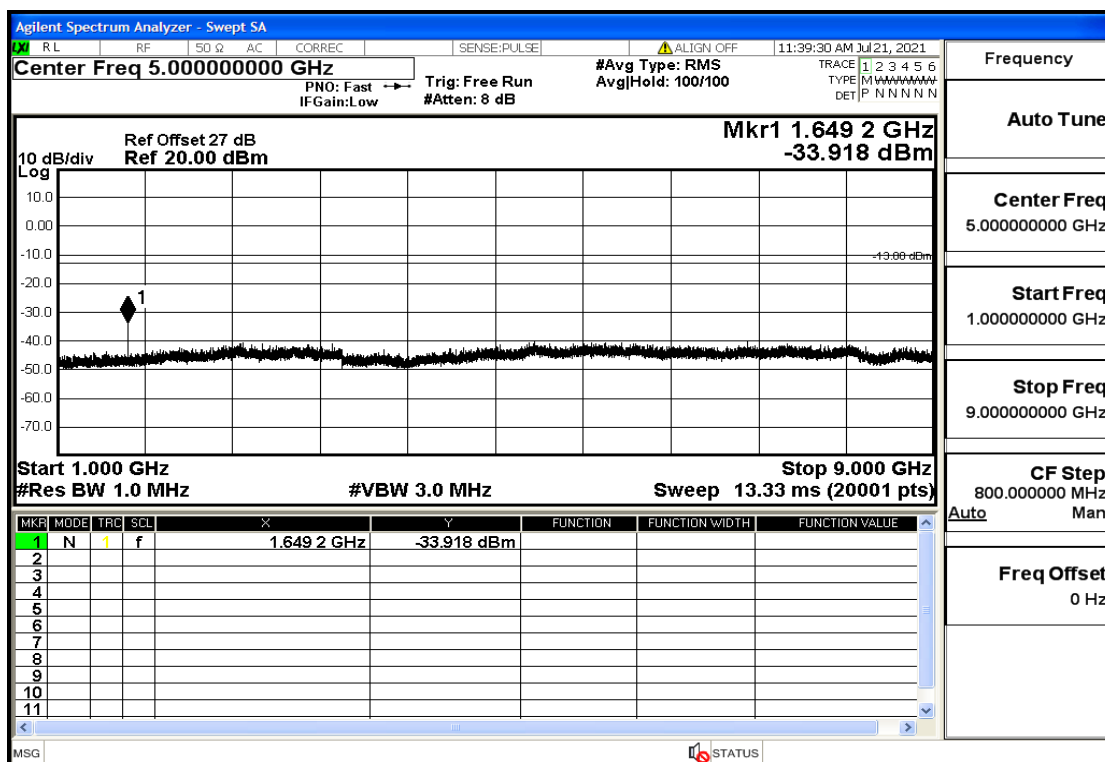
OB5-1.4-824.7-QPSK-6#LOW@1GHz-9GHz@Pass



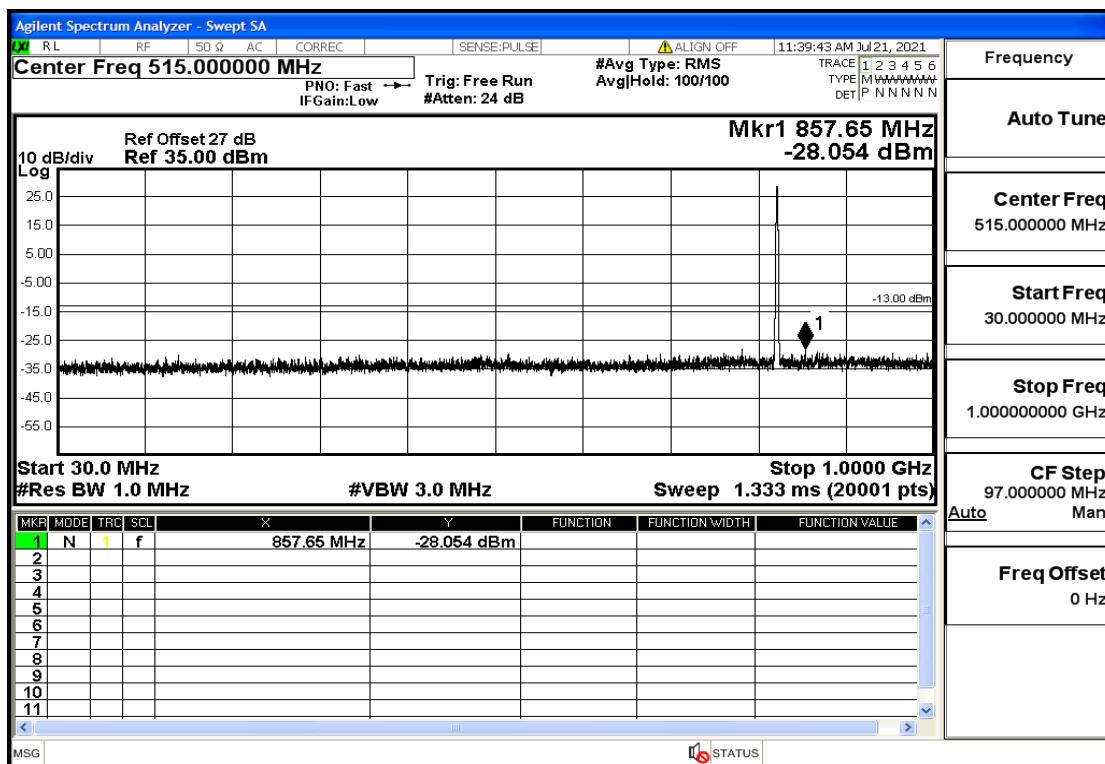
OB5-1.4-824.7-QPSK-1#LOW@30mHz-1GHz@Pass



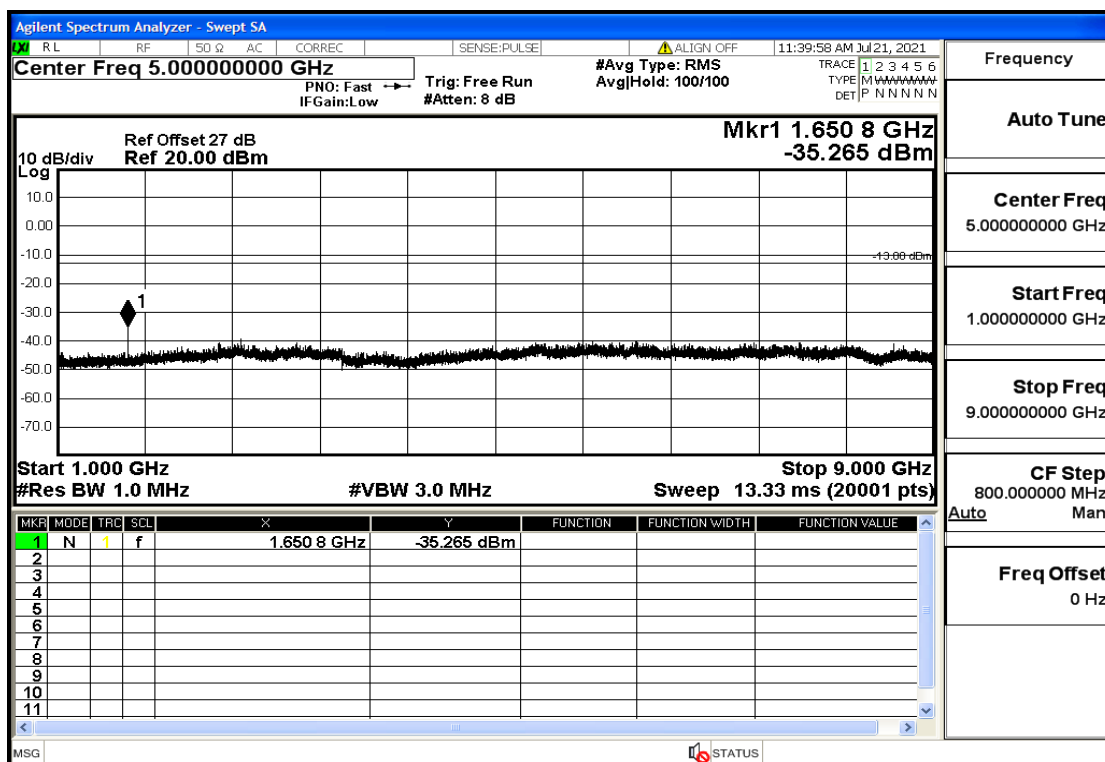
OB5-1.4-824.7-QPSK-1#LOW@1GHz-9GHz@Pass



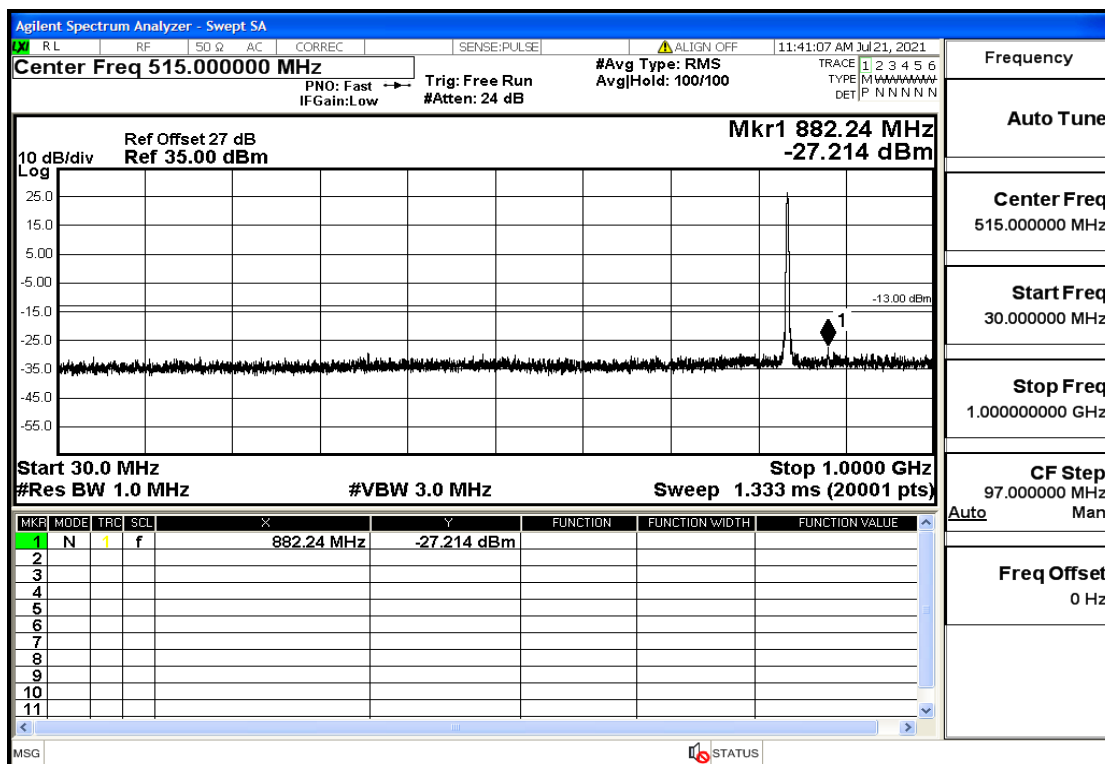
OB5-1.4-824.7-QPSK-1#HIGH@30MHz-1GHz@Pass



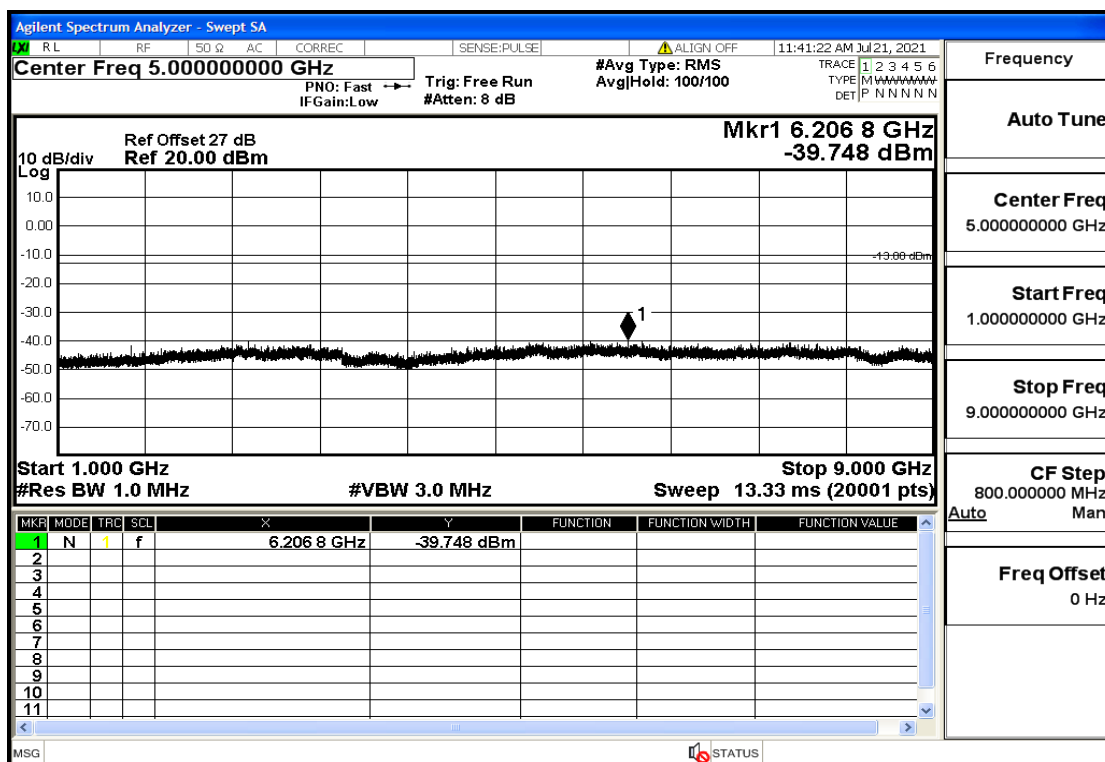
OB5-1.4-824.7-QPSK-1#HIGH@1GHz-9GHz@Pass



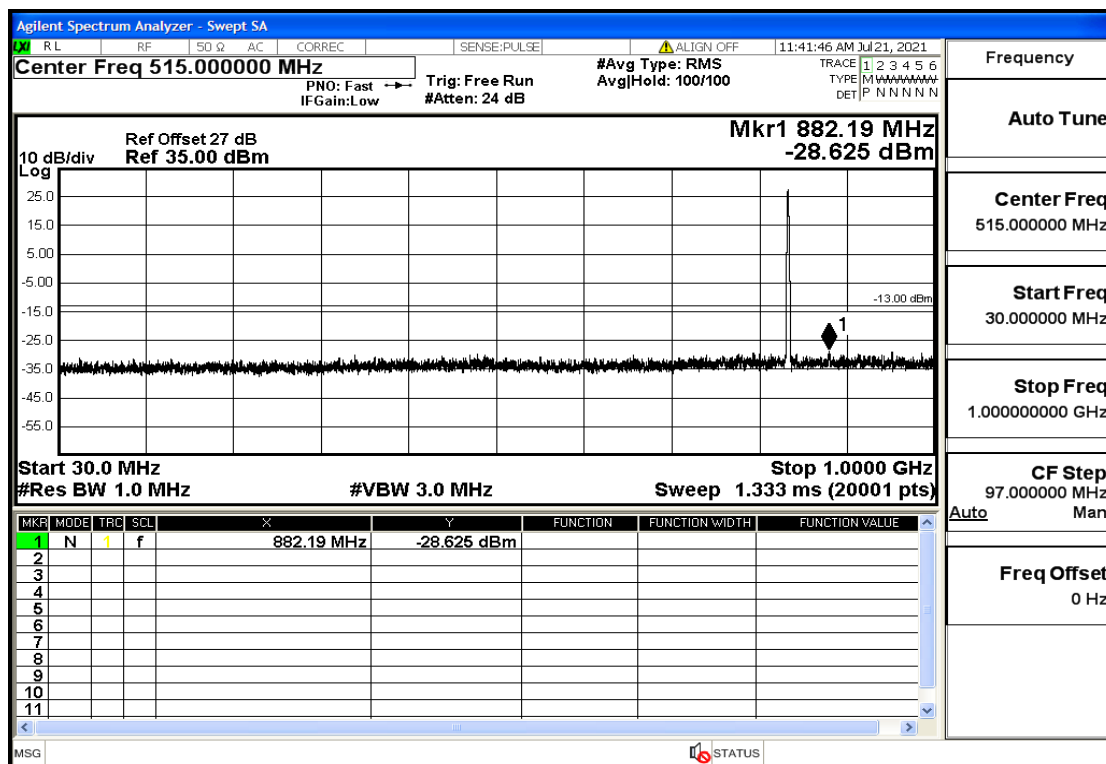
OB5-1.4-836.5-QPSK-6#LOW@30mHz-1GHz@Pass



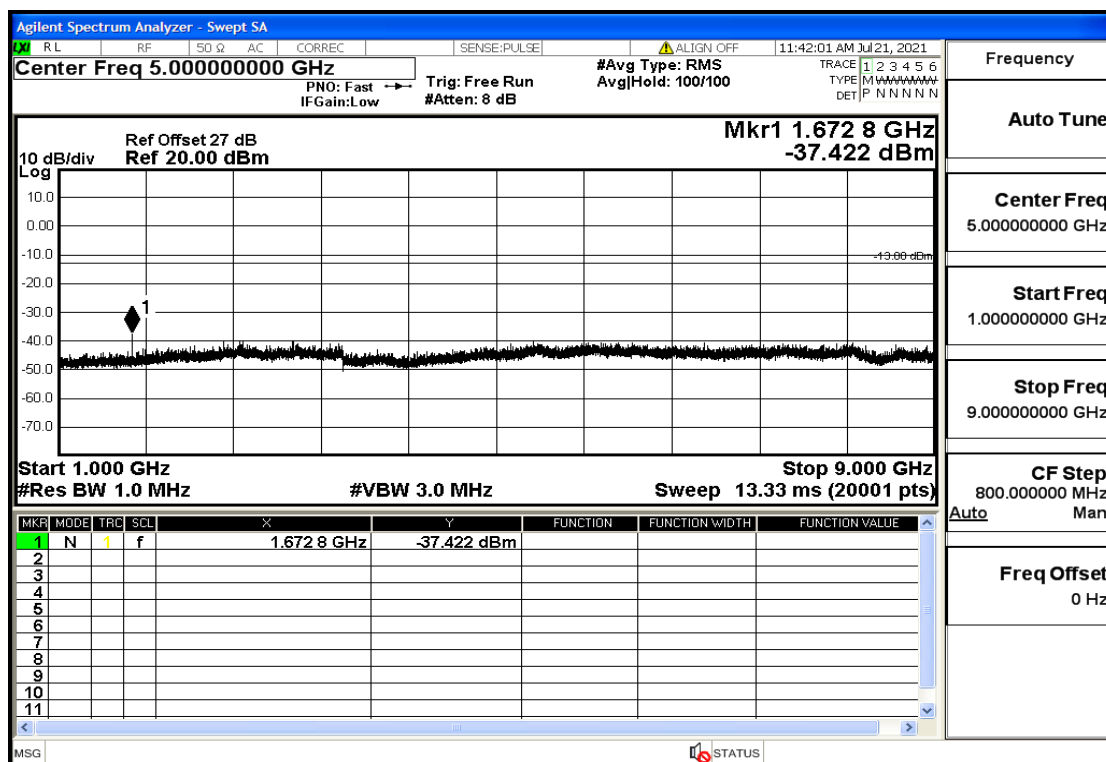
OB5-1.4-836.5-QPSK-6#LOW@1GHz-9GHz@Pass



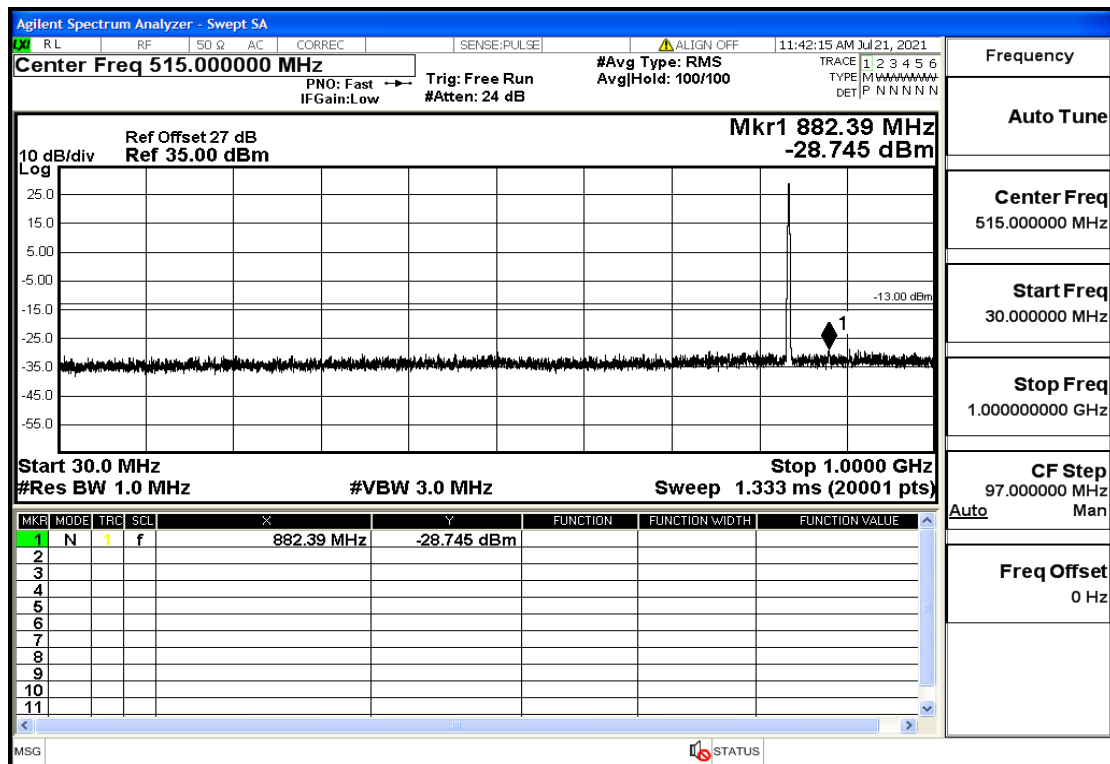
OB5-1.4-836.5-QPSK-1#LOW@30mHz-1GHz@Pass



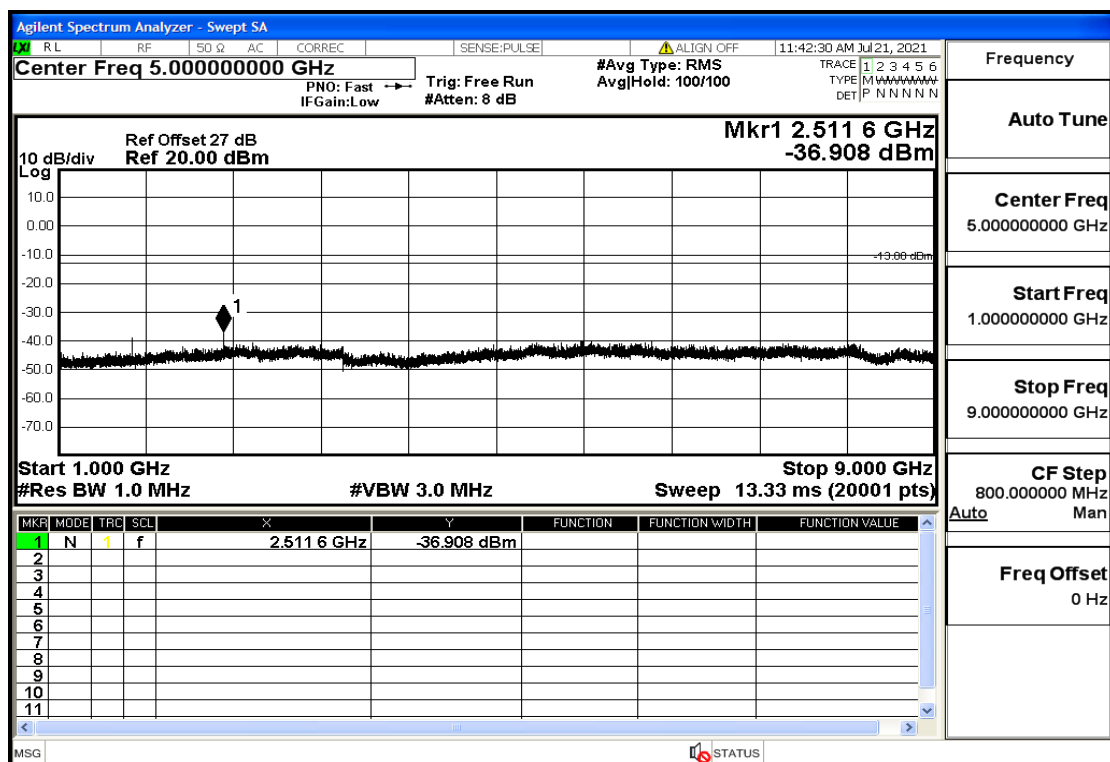
OB5-1.4-836.5-QPSK-1#LOW@1GHz-9GHz@Pass



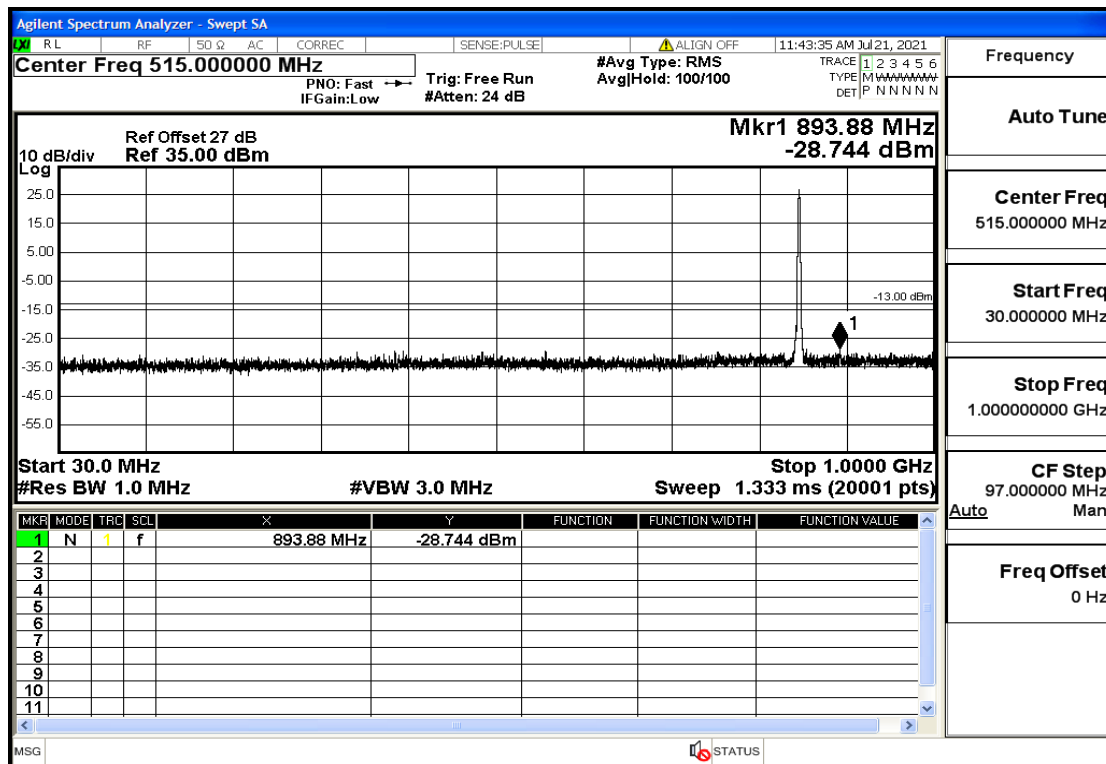
OB5-1.4-836.5-QPSK-1#HIGH@30MHz-1GHz@Pass



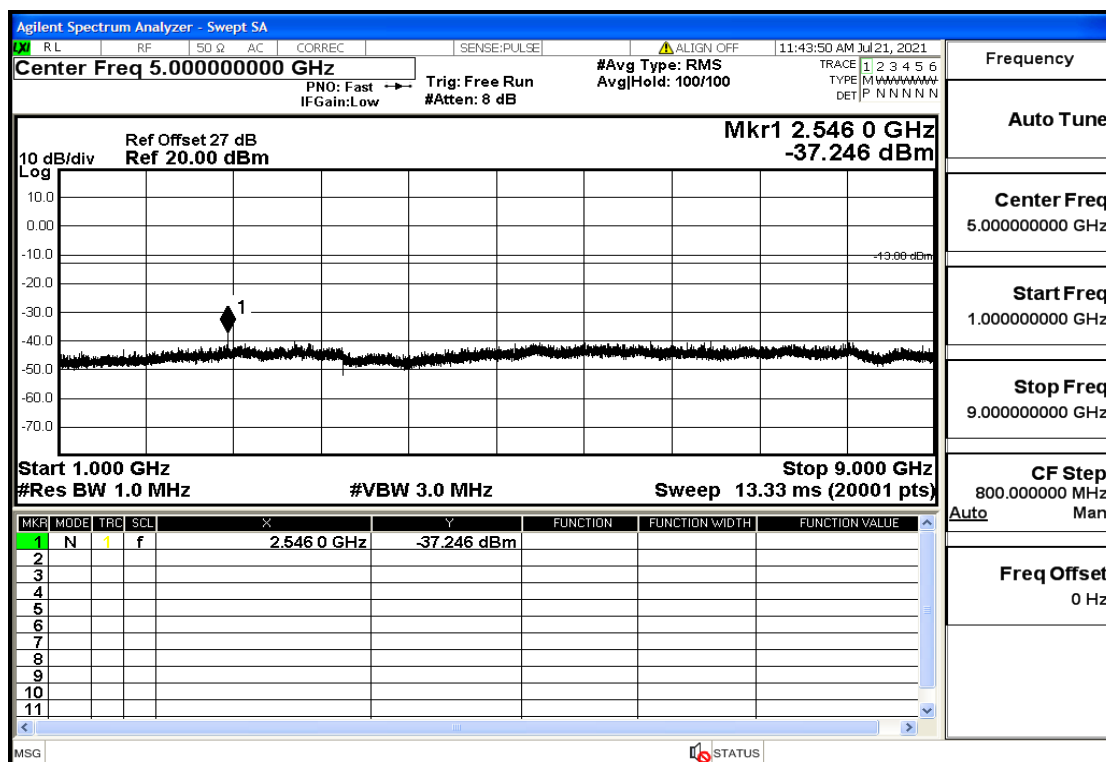
OB5-1.4-836.5-QPSK-1#HIGH@1GHz-9GHz@Pass



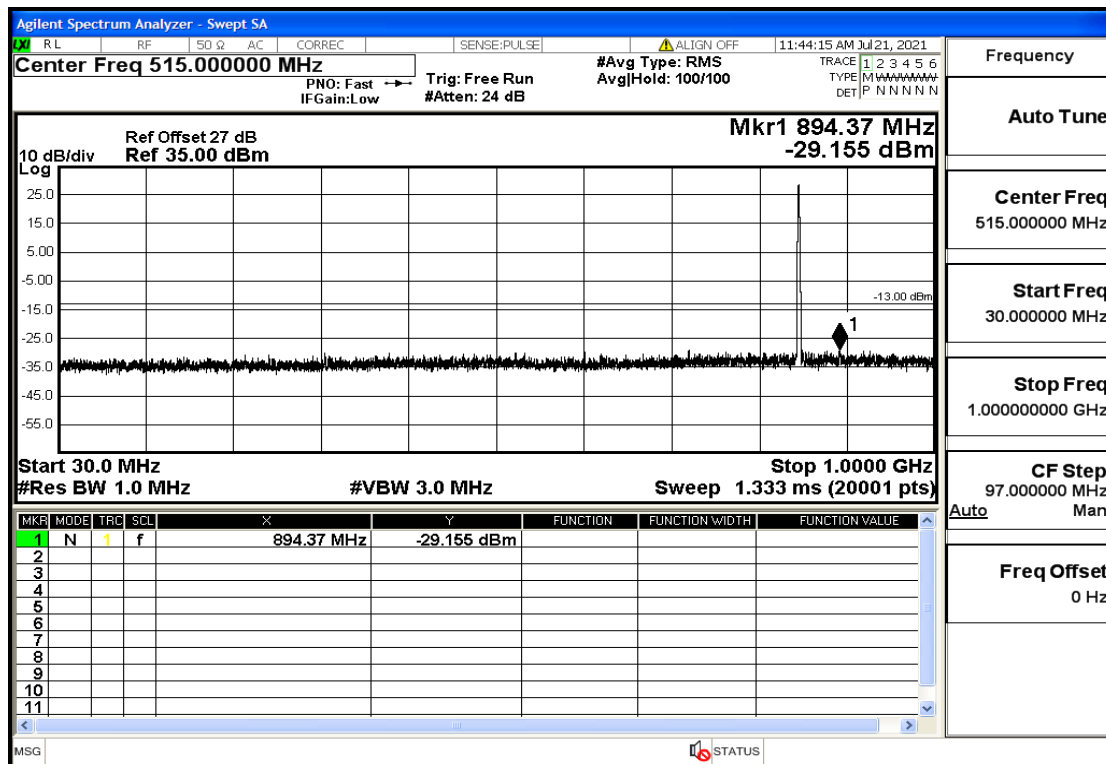
OB5-1.4-848.3-QPSK-6#LOW@30mHz-1GHz@Pass



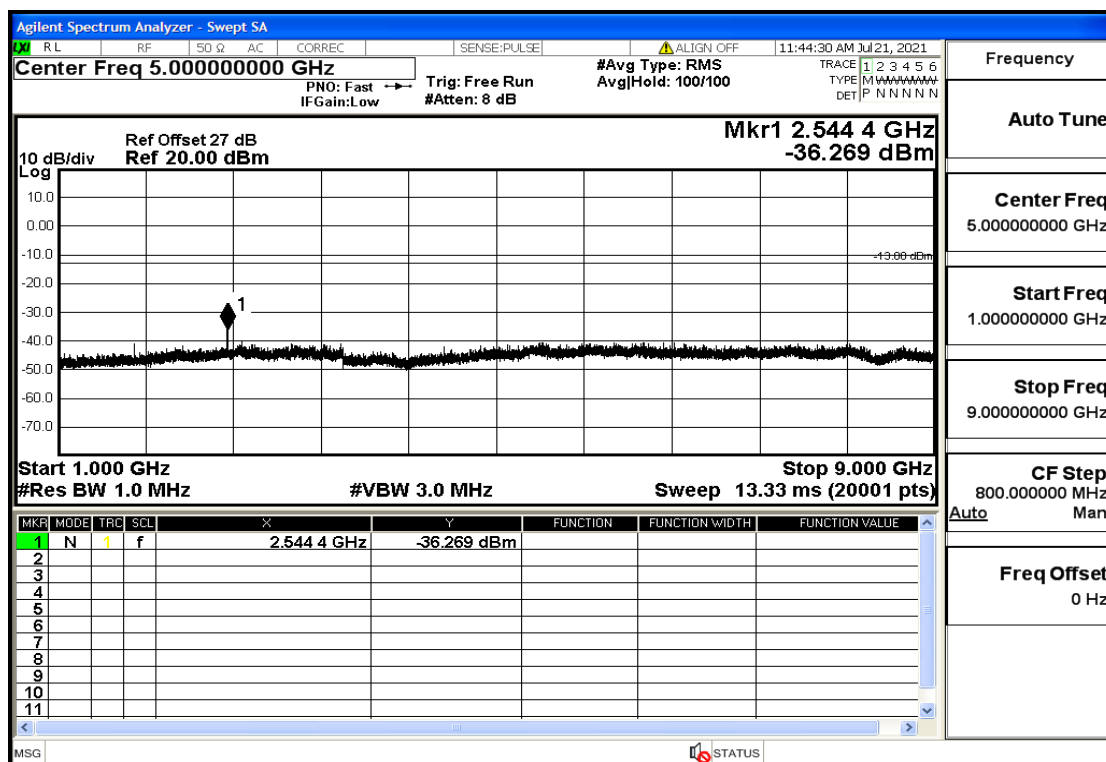
OB5-1.4-848.3-QPSK-6#LOW@1GHz-9GHz@Pass



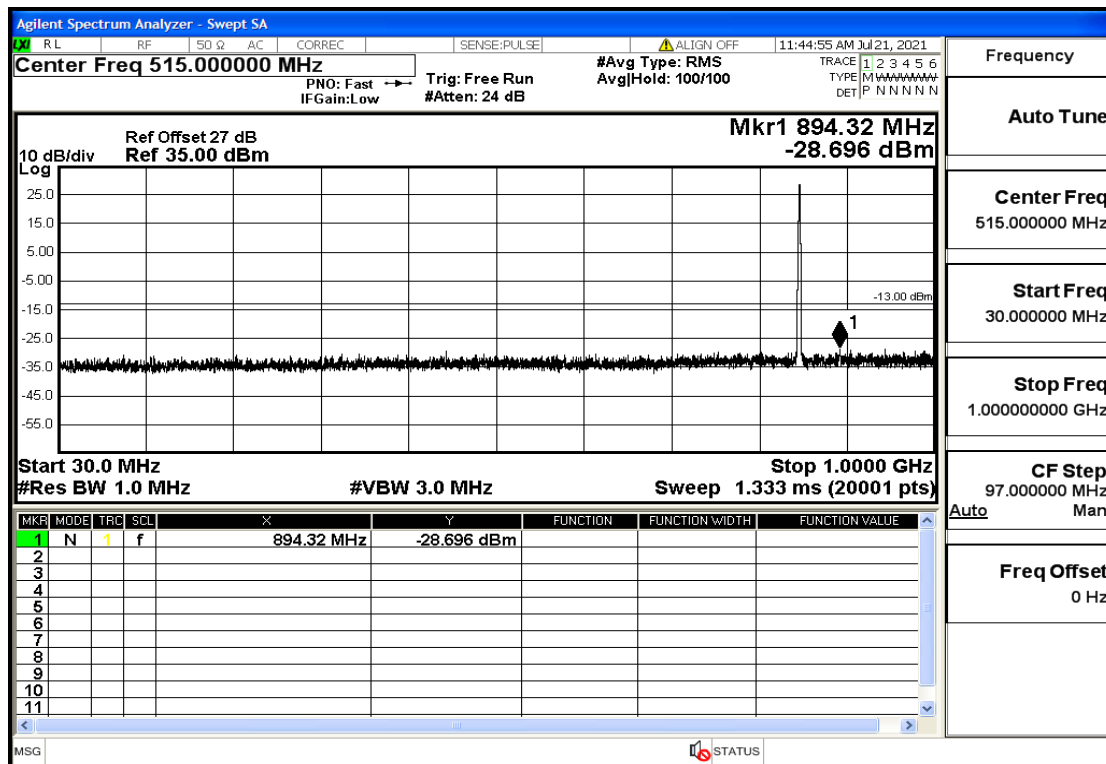
OB5-1.4-848.3-QPSK-1#LOW@30mHz-1GHz@Pass



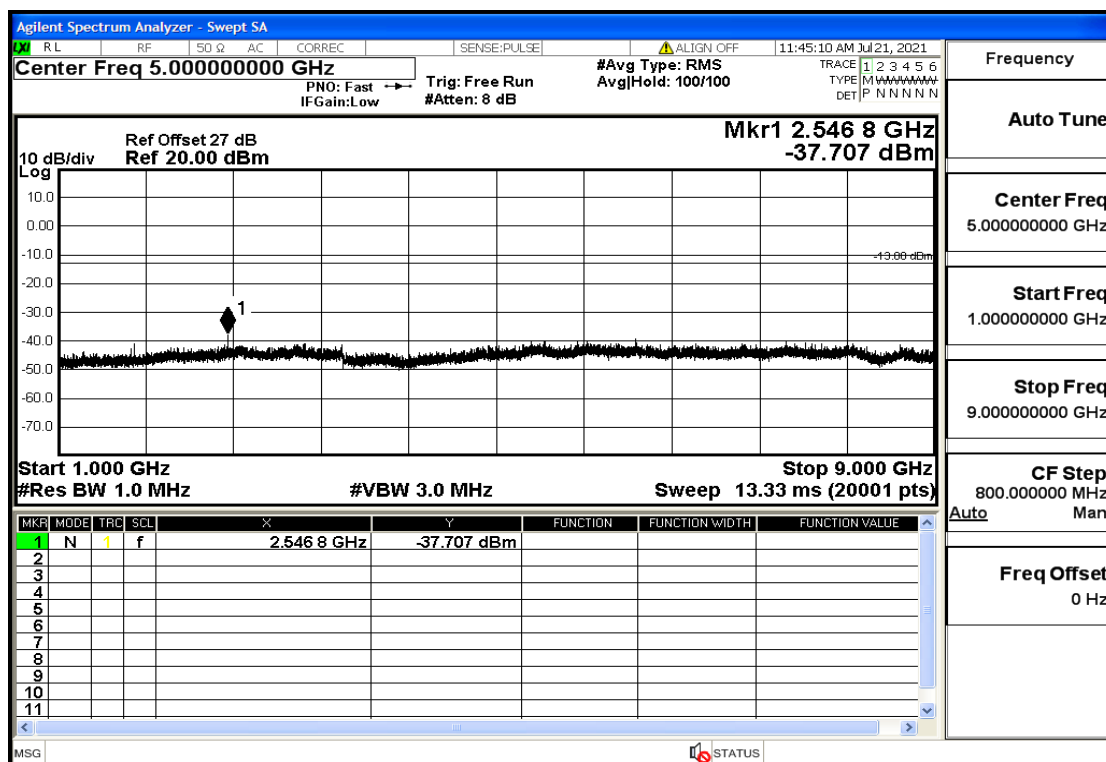
OB5-1.4-848.3-QPSK-1#LOW@1GHz-9GHz@Pass



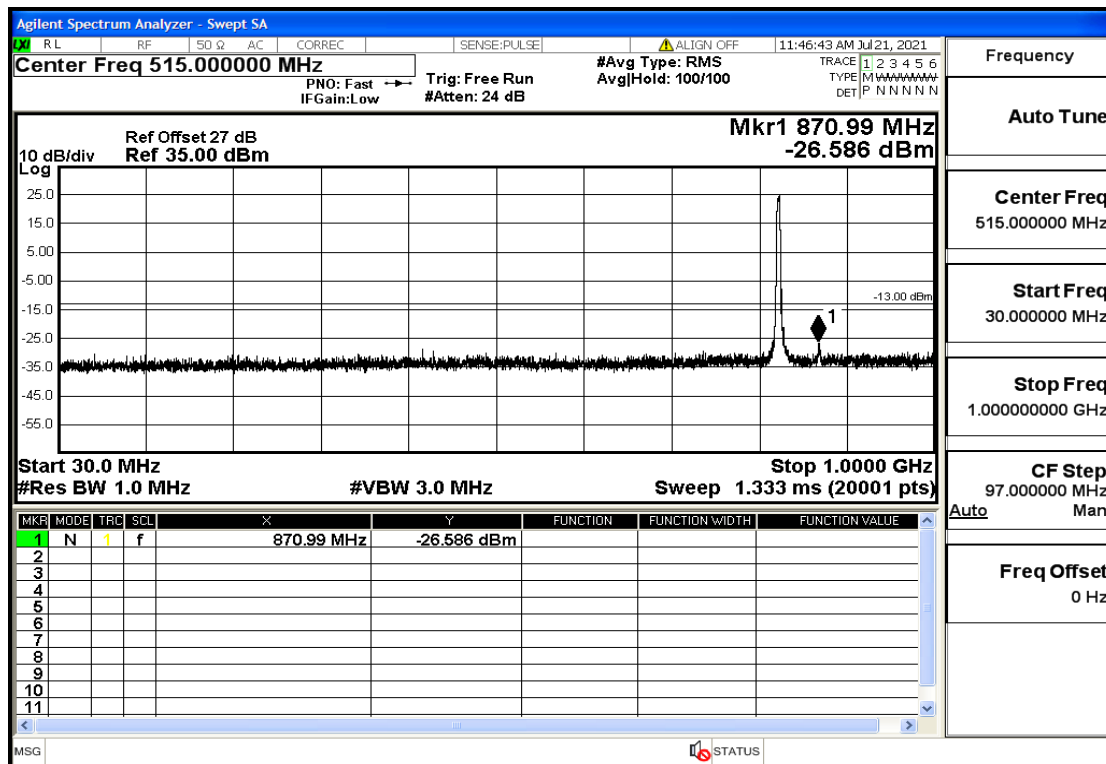
OB5-1.4-848.3-QPSK-1#HIGH@30MHz-1GHz@Pass



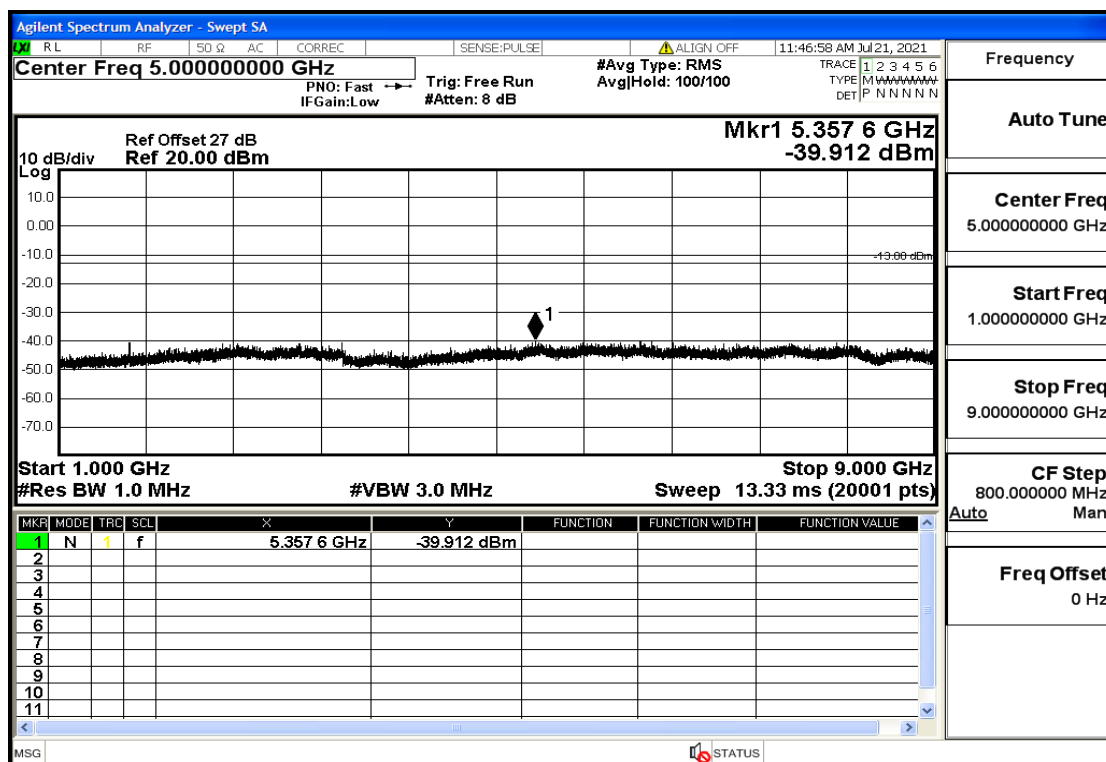
OB5-1.4-848.3-QPSK-1#HIGH@1GHz-9GHz@Pass



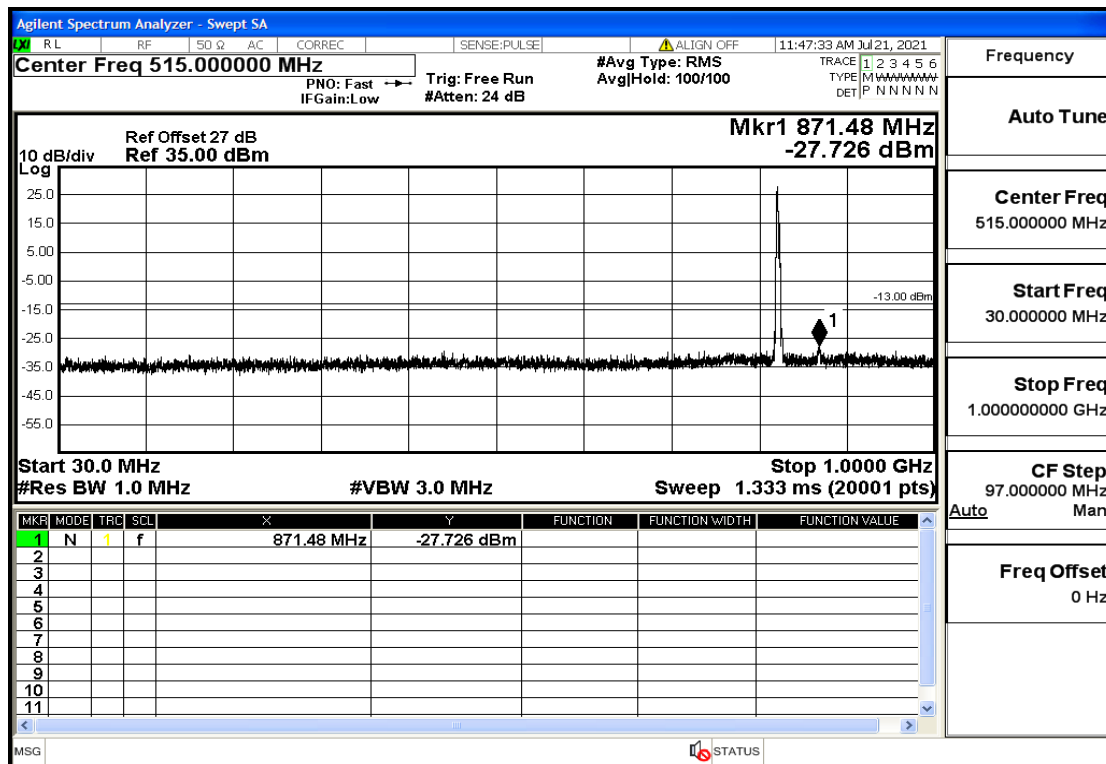
OB5-3-825.5-QPSK-15#LOW@30mHz-1GHz@Pass



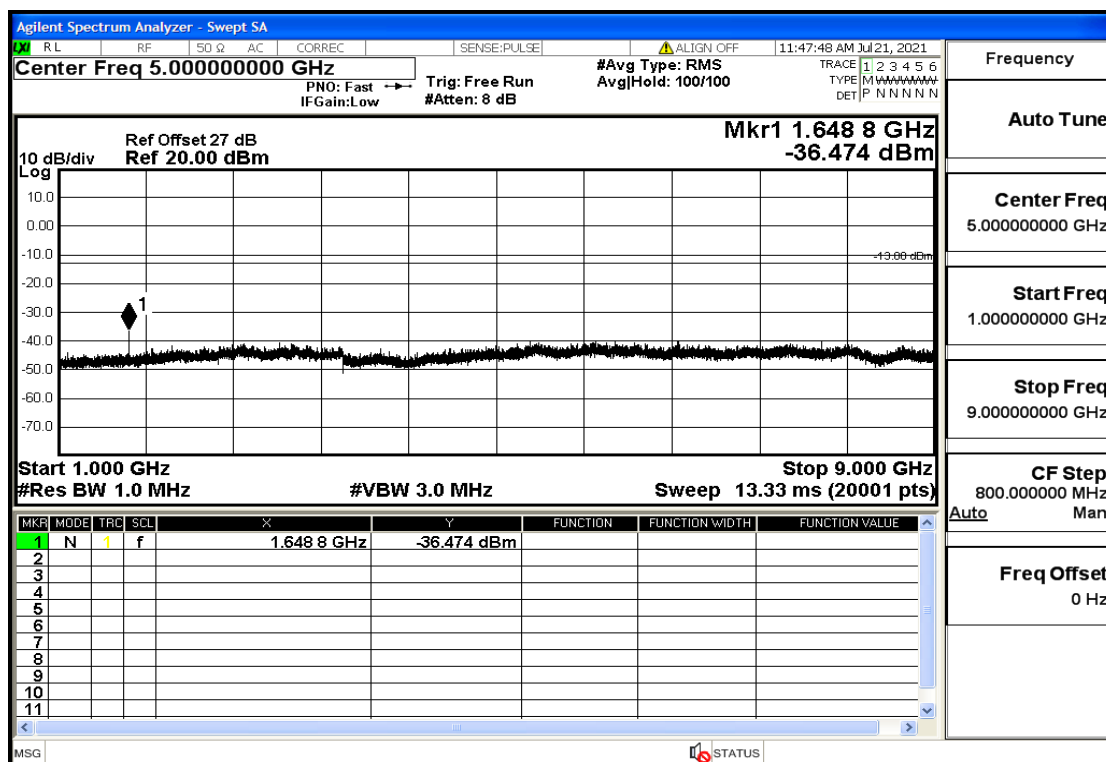
OB5-3-825.5-QPSK-15#LOW@1GHz-9GHz@Pass



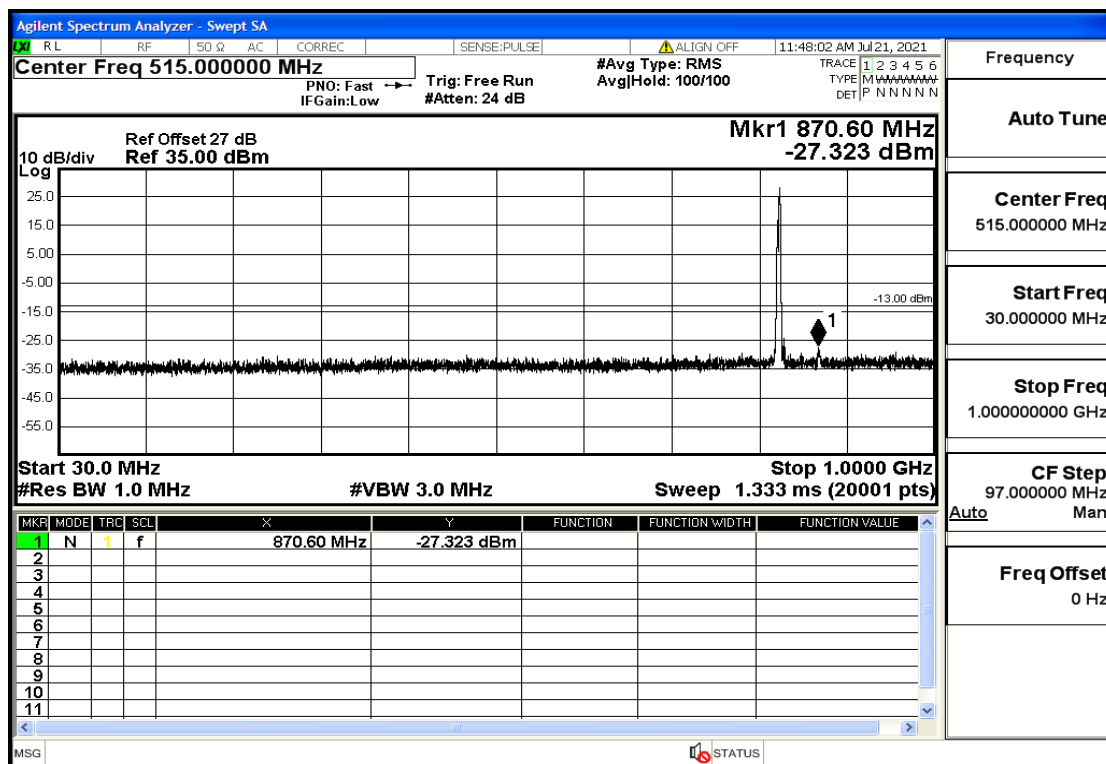
OB5-3-825.5-QPSK-1#LOW@30mHz-1GHz@Pass



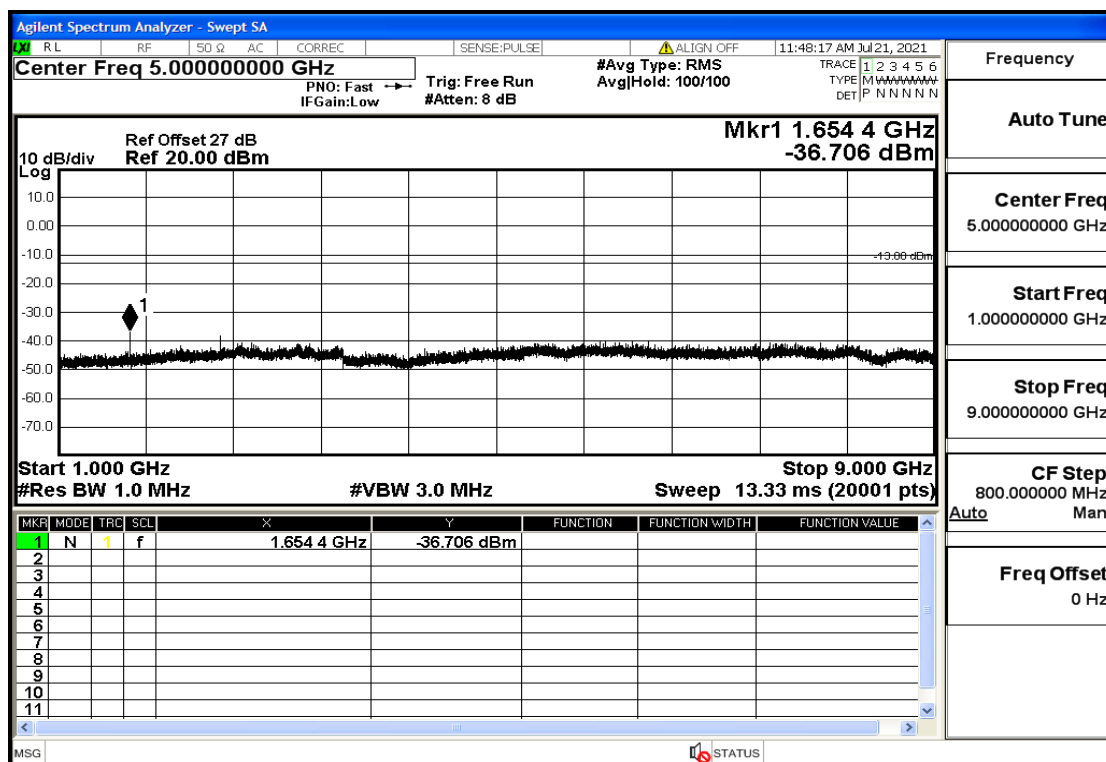
OB5-3-825.5-QPSK-1#LOW@1GHz-9GHz@Pass



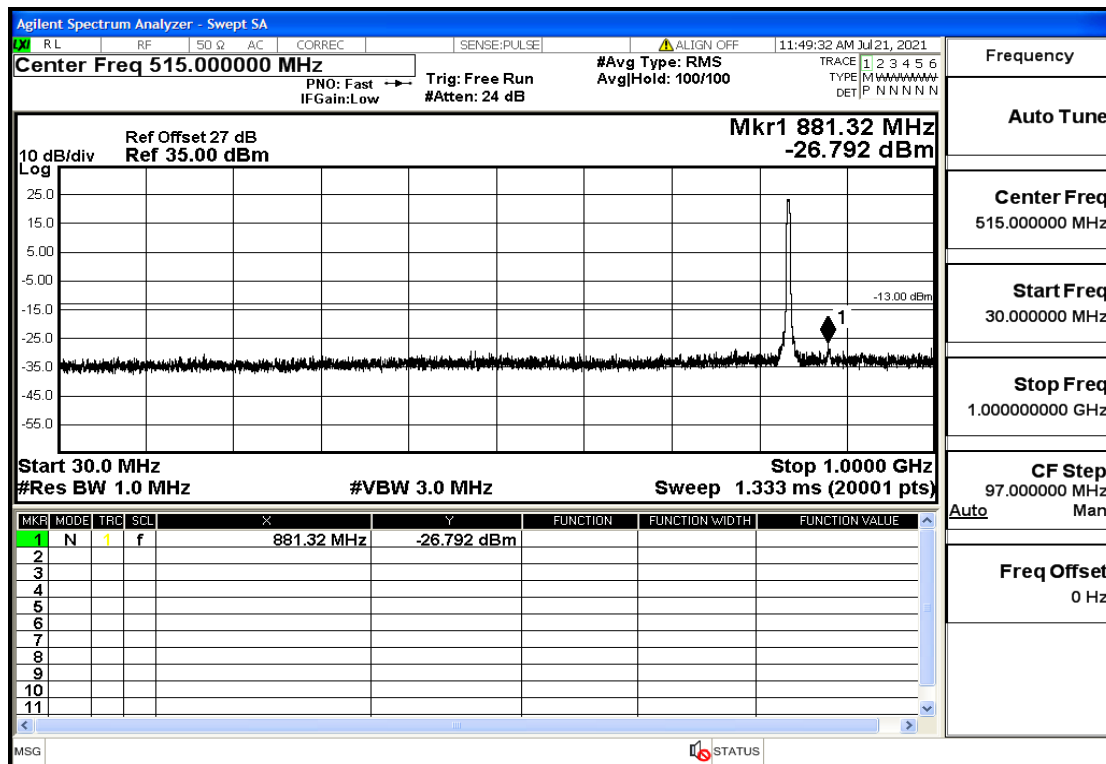
OB5-3-825.5-QPSK-1#HIGH@30mHz-1GHz@Pass



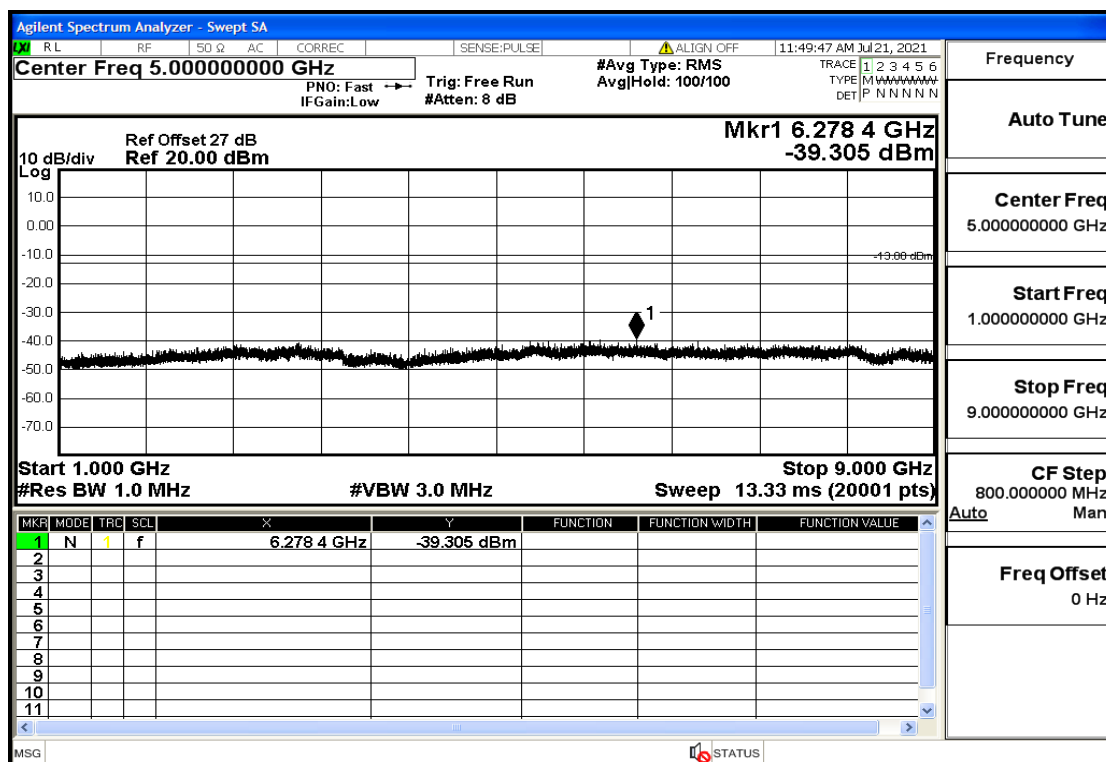
OB5-3-825.5-QPSK-1#HIGH@1GHz-9GHz@Pass



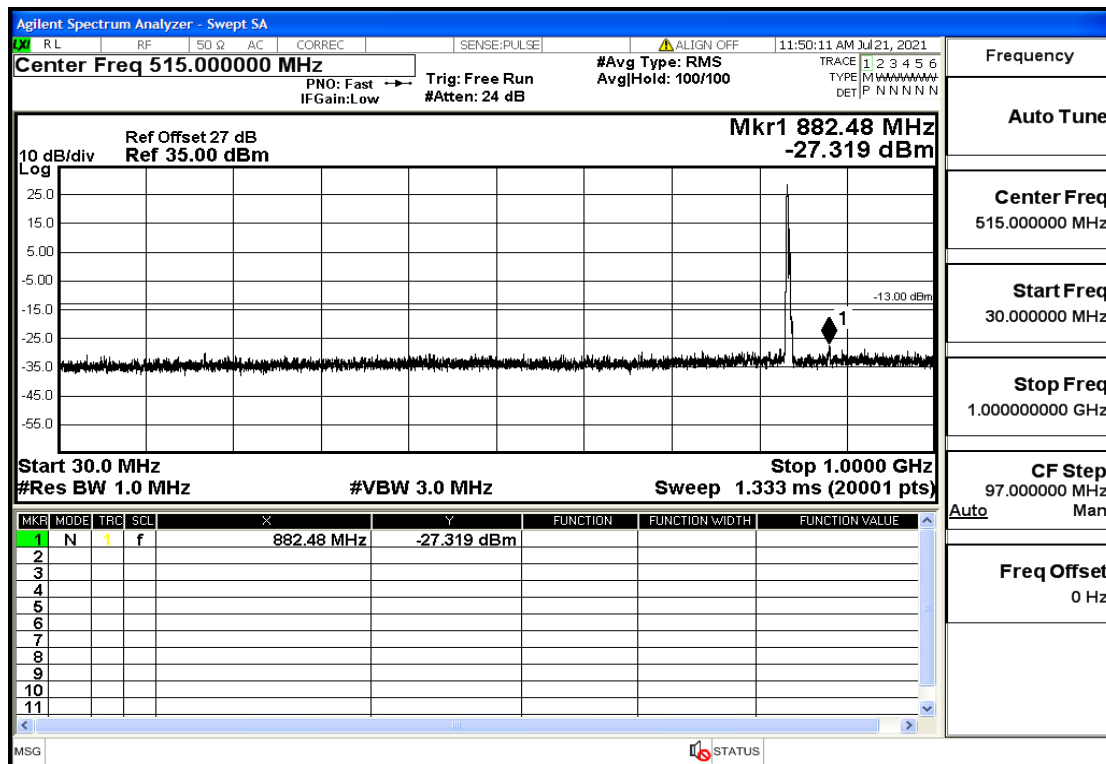
OB5-3-836.5-QPSK-15#LOW@30mHz-1GHz@Pass



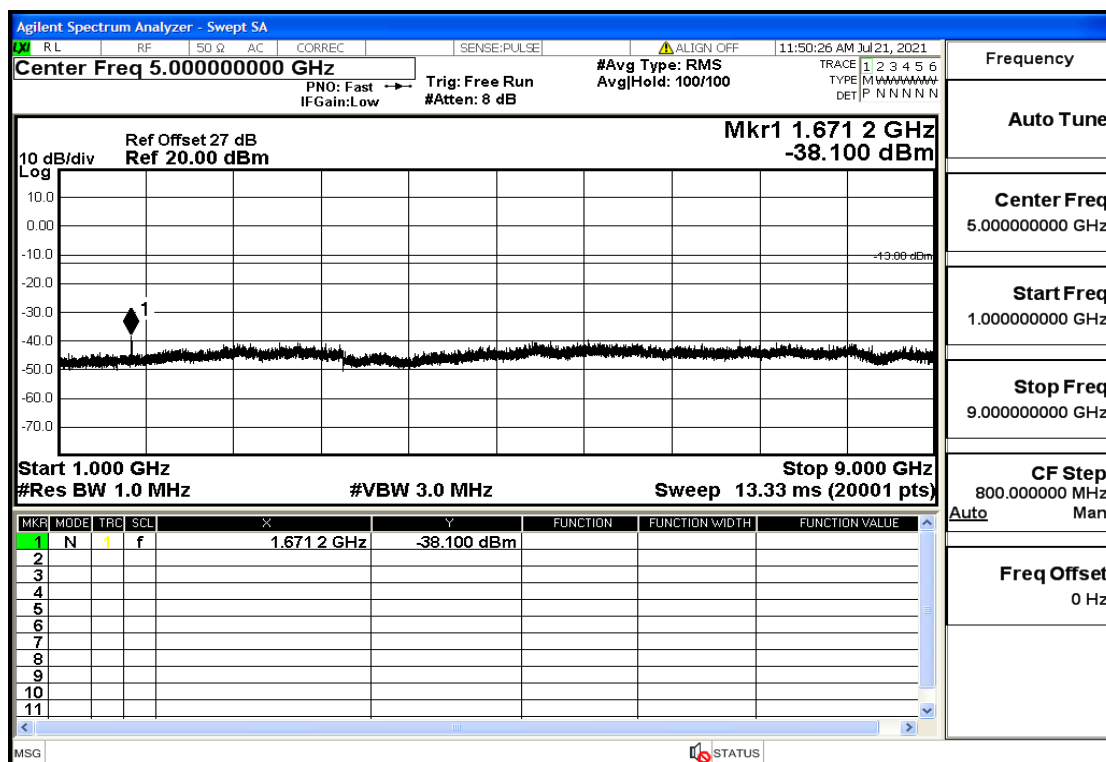
OB5-3-836.5-QPSK-15#LOW@1GHz-9GHz@Pass



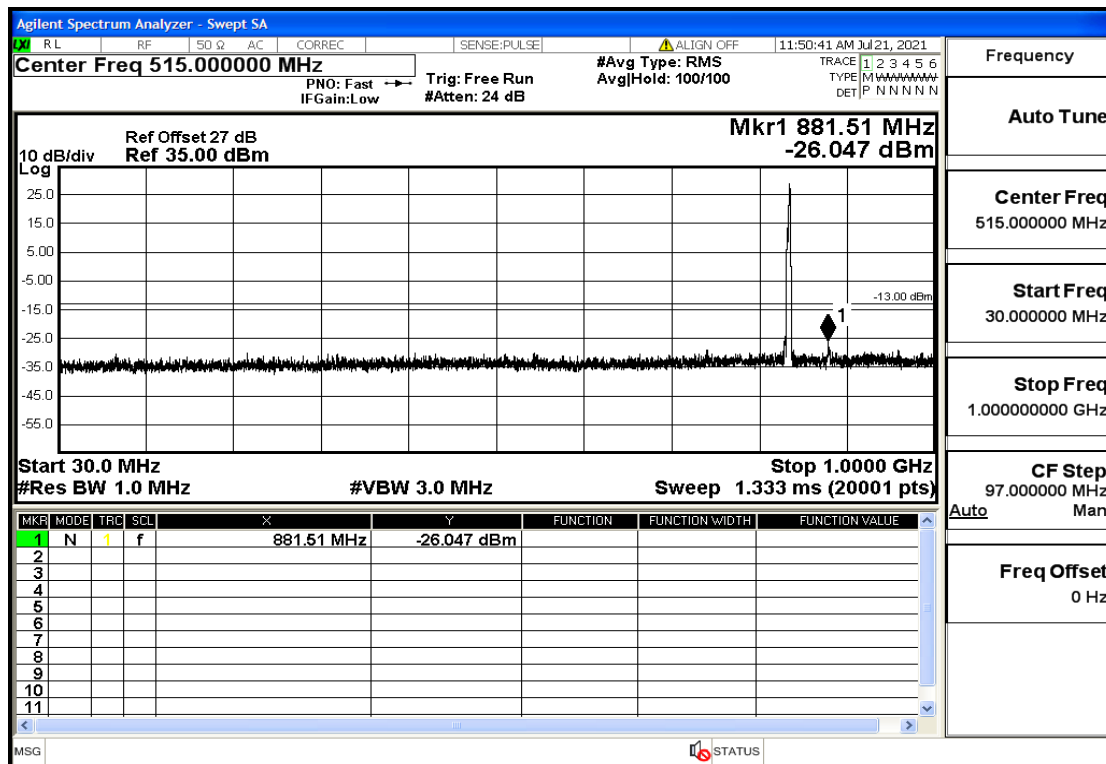
OB5-3-836.5-QPSK-1#LOW@30mHz-1GHz@Pass



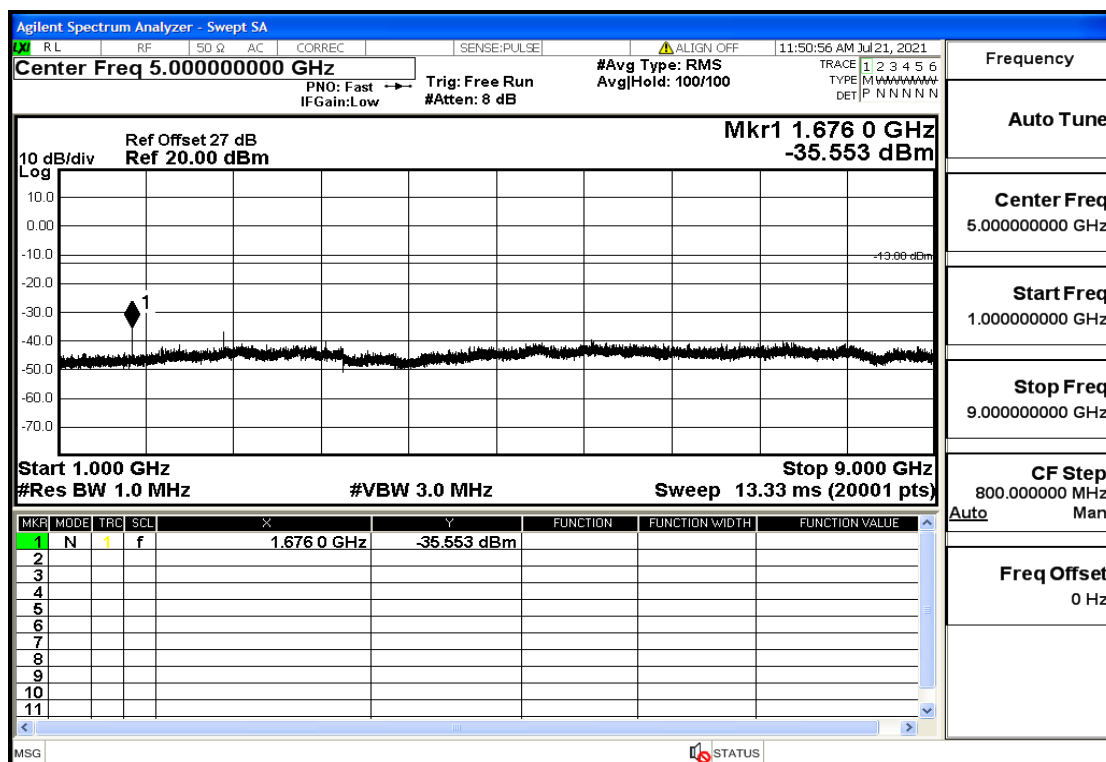
OB5-3-836.5-QPSK-1#LOW@1GHz-9GHz@Pass



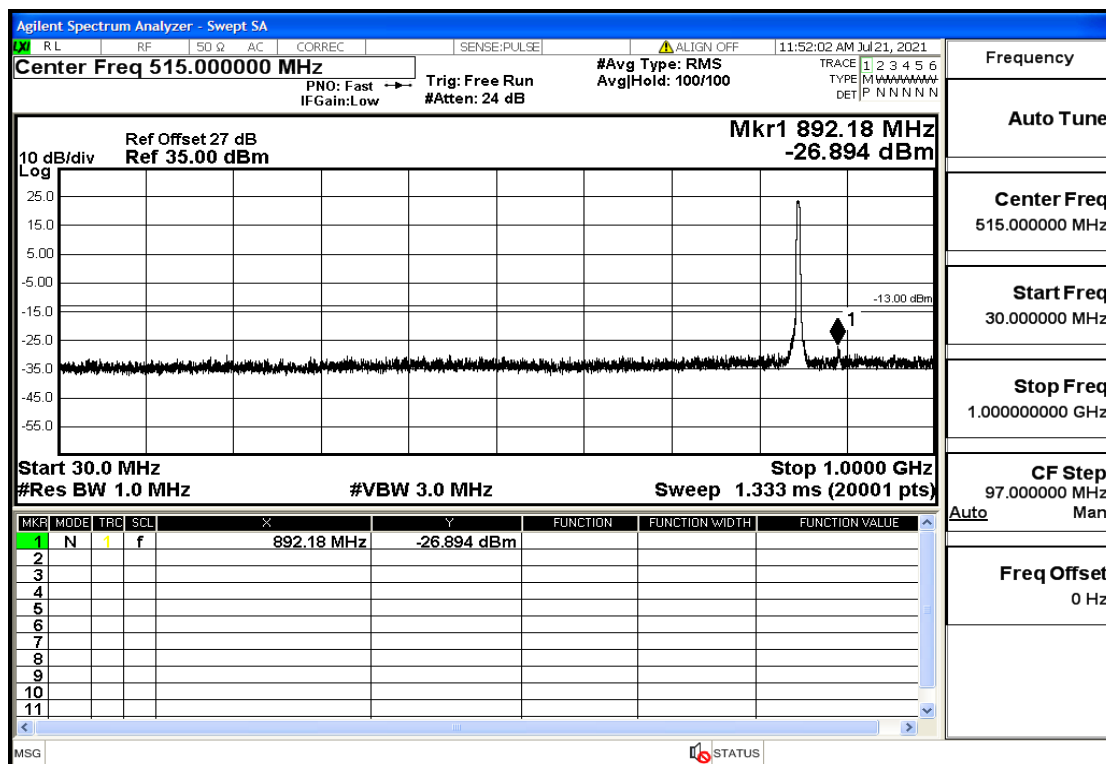
OB5-3-836.5-QPSK-1#HIGH@30mHz-1GHz@Pass



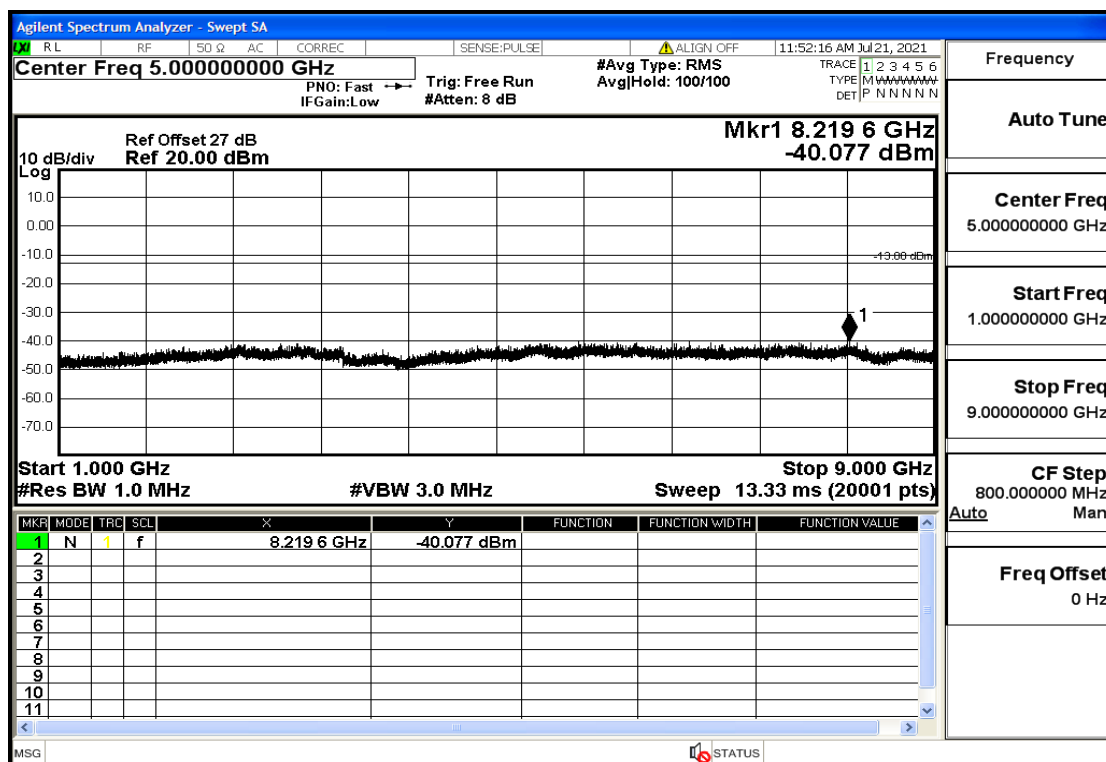
OB5-3-836.5-QPSK-1#HIGH@1GHz-9GHz@Pass



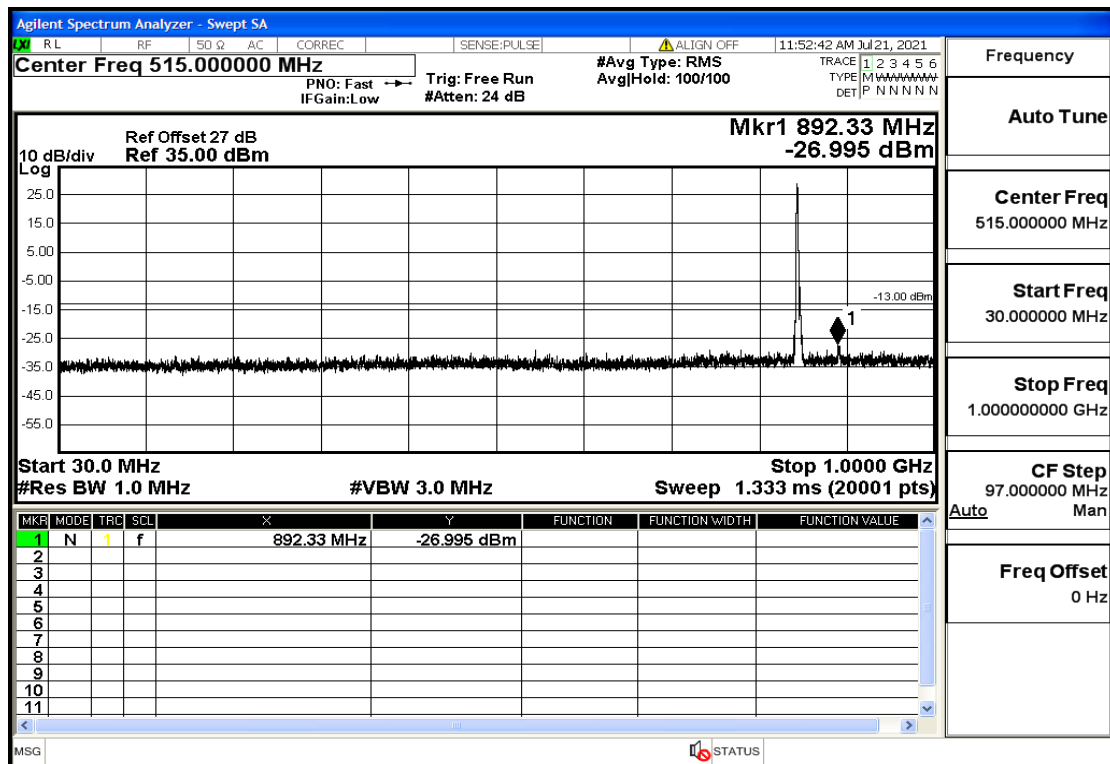
OB5-3-847.5-QPSK-15#LOW@30mHz-1GHz@Pass



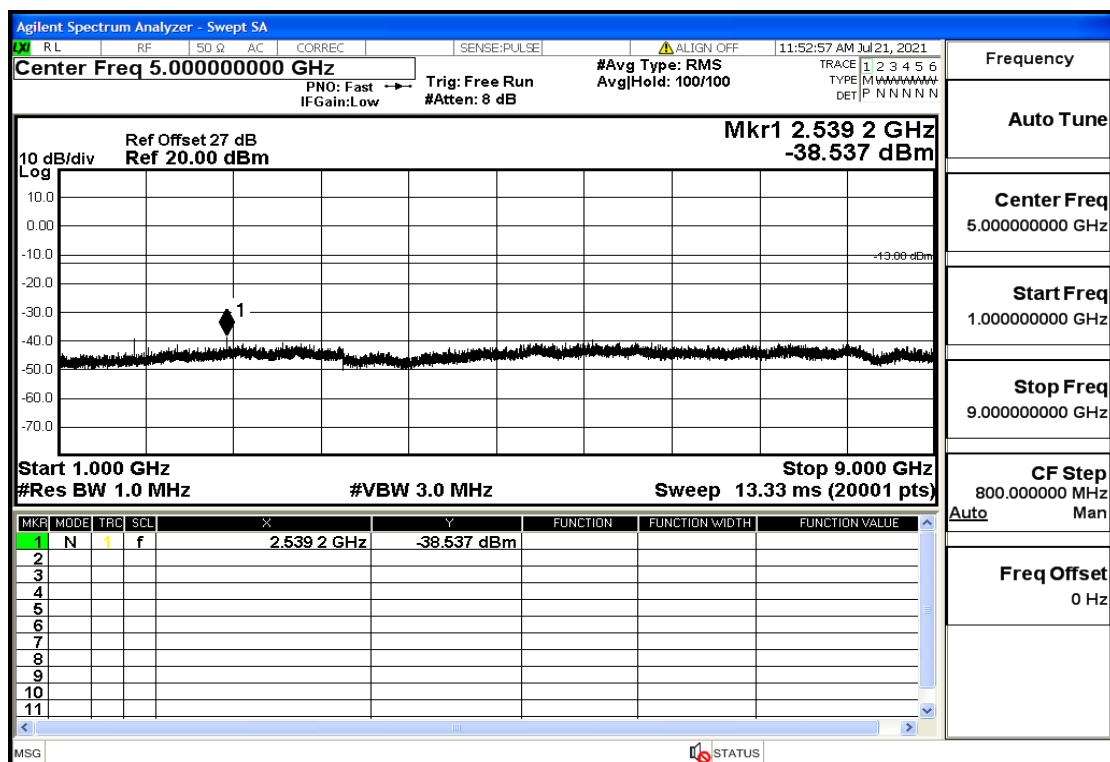
OB5-3-847.5-QPSK-15#LOW@1GHz-9GHz@Pass



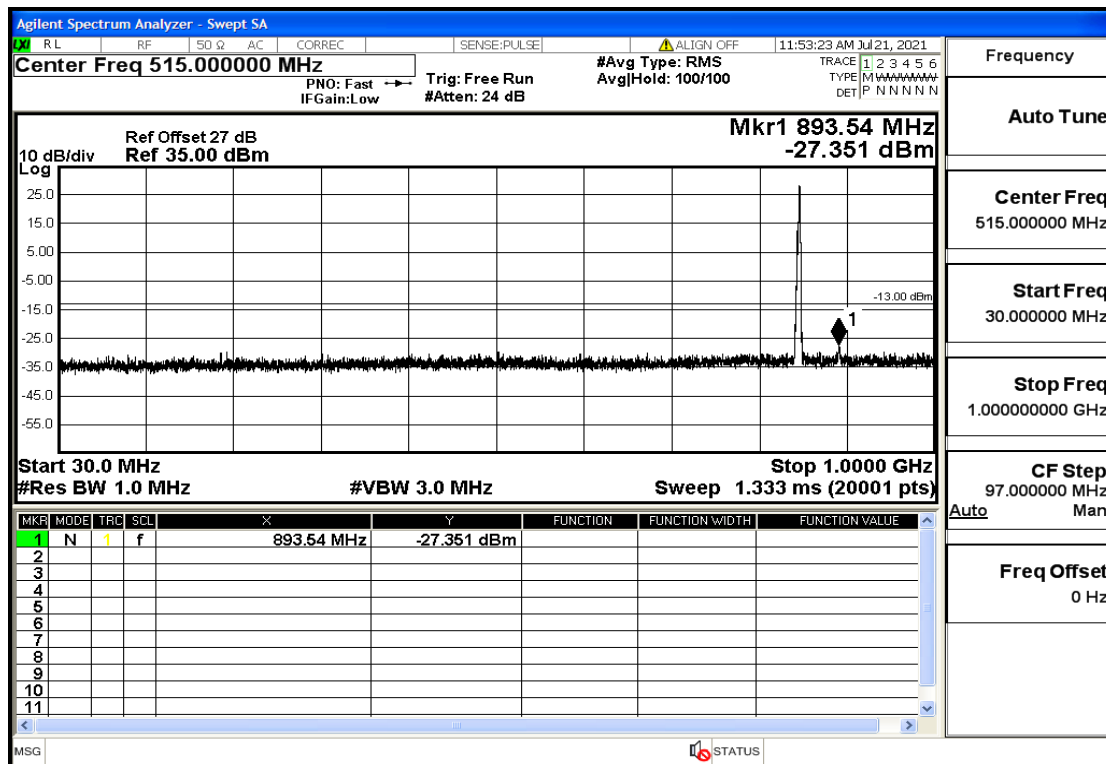
OB5-3-847.5-QPSK-1#LOW@30mHz-1GHz@Pass



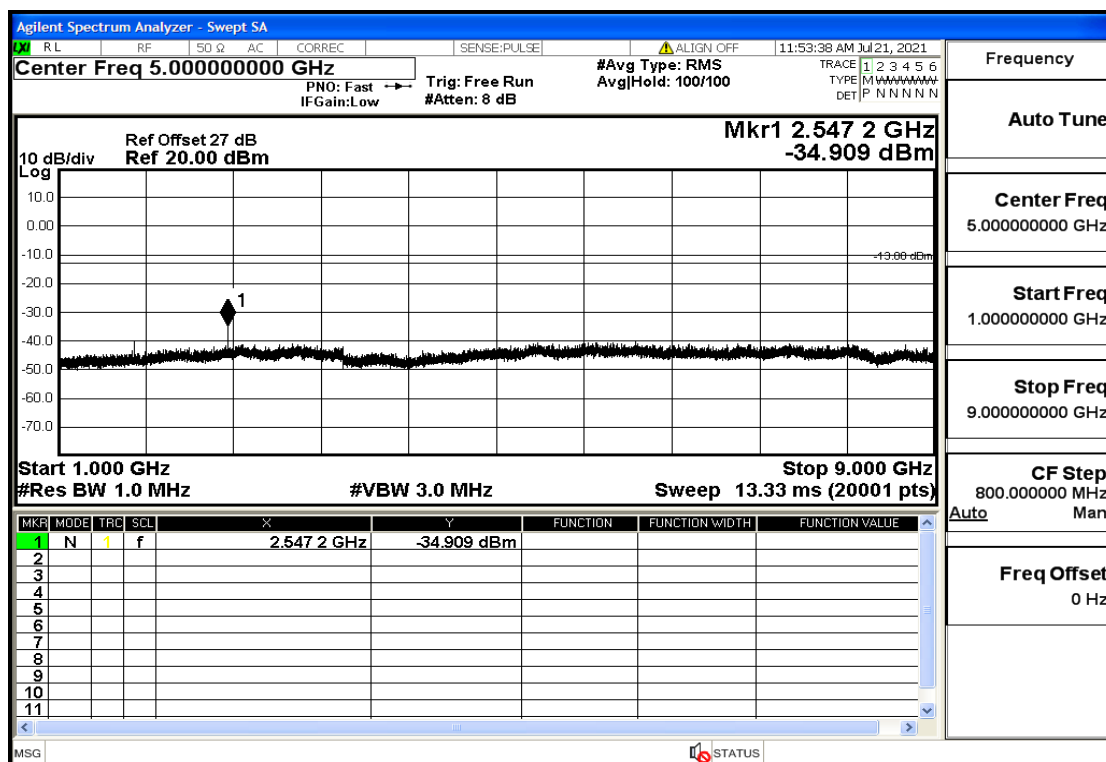
OB5-3-847.5-QPSK-1#LOW@1GHz-9GHz@Pass



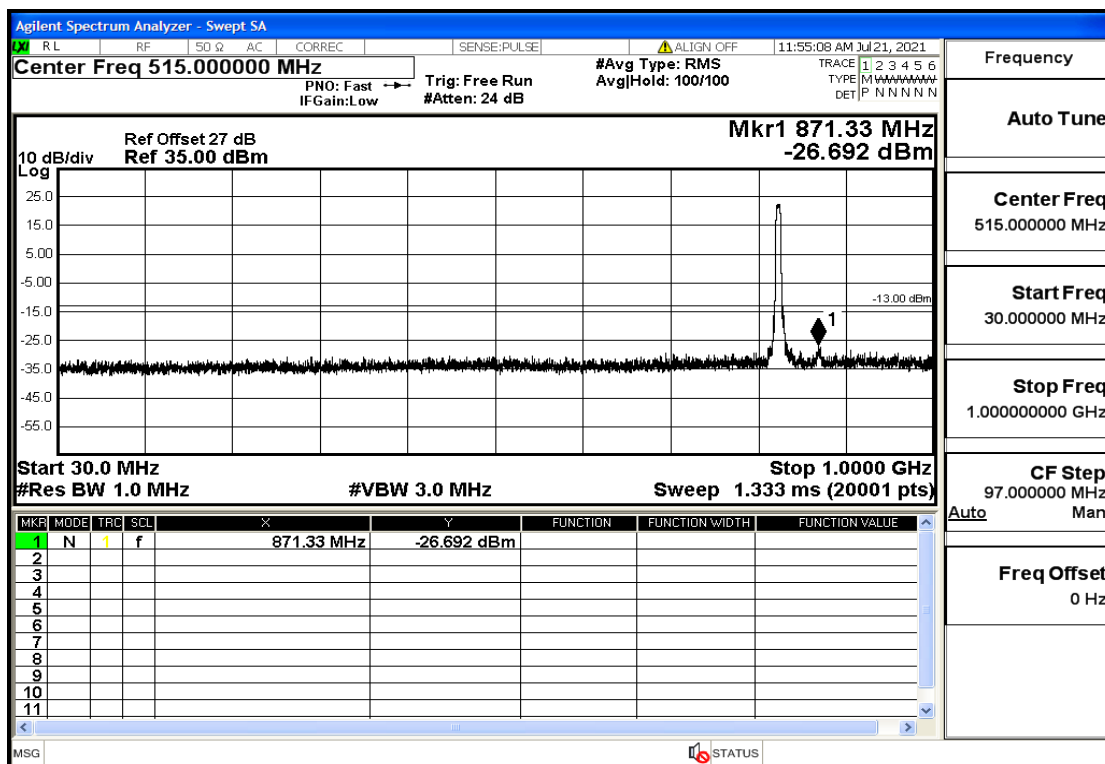
OB5-3-847.5-QPSK-1#HIGH@30mHz-1GHz@Pass



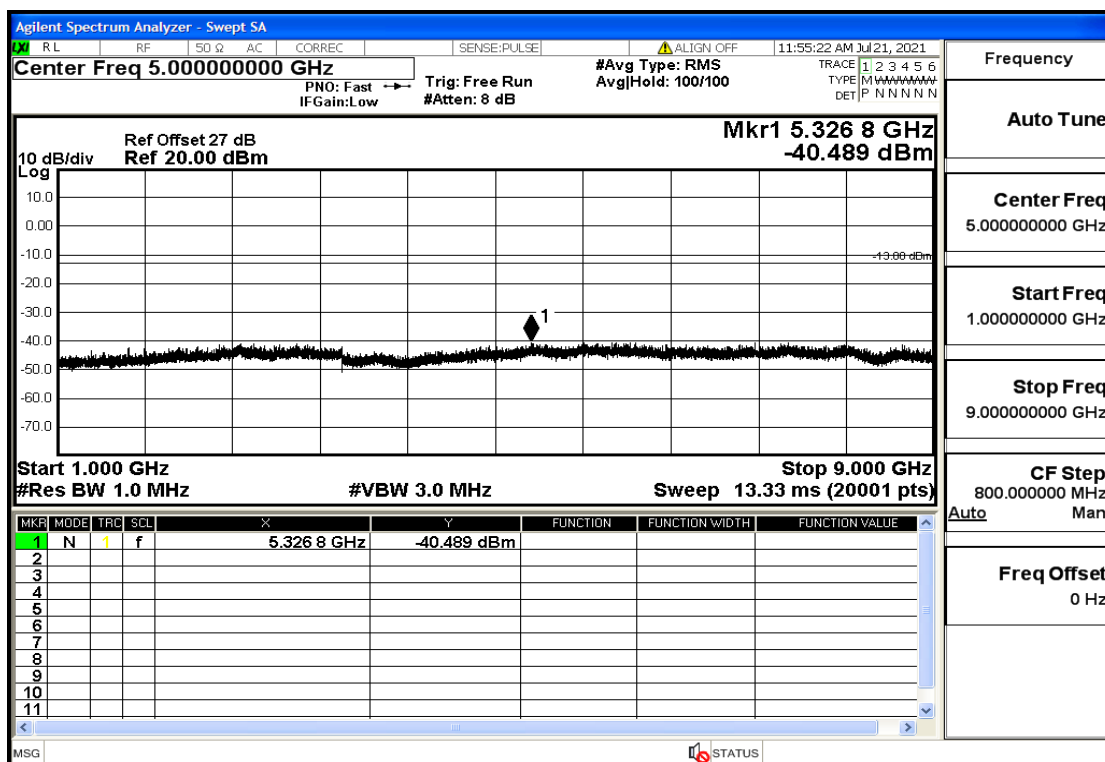
OB5-3-847.5-QPSK-1#HIGH@1GHz-9GHz@Pass



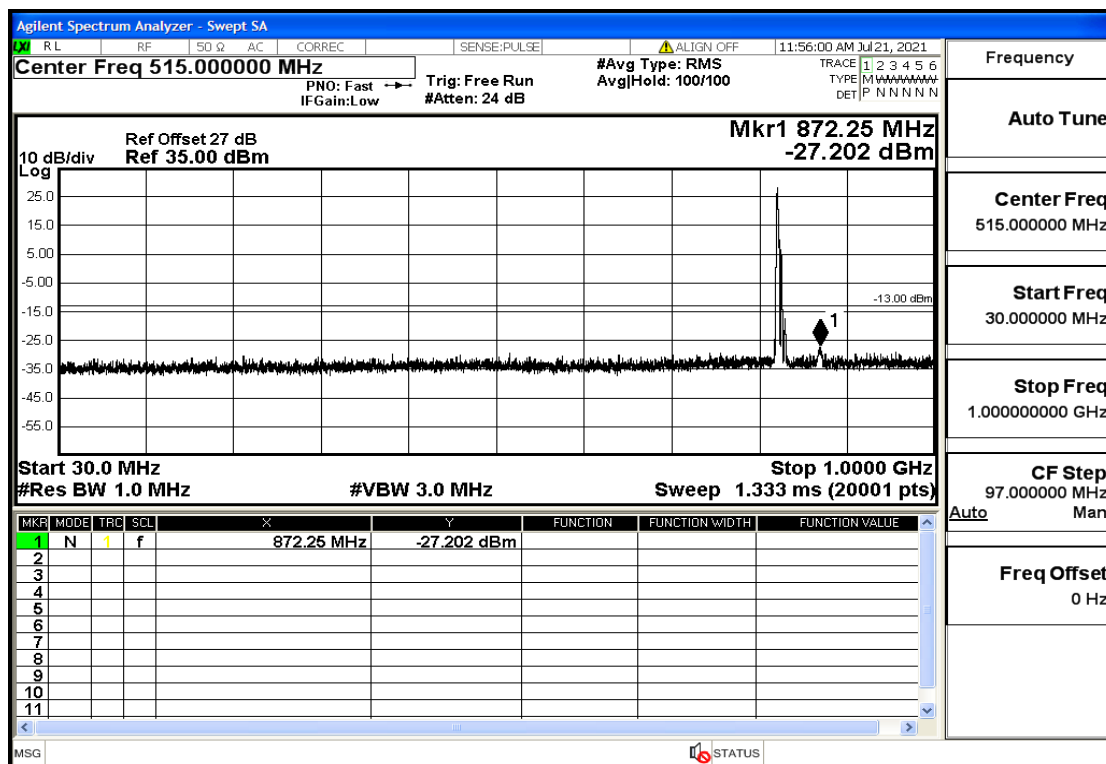
OB5-5-826.5-QPSK-25#LOW@30mHz-1GHz@Pass



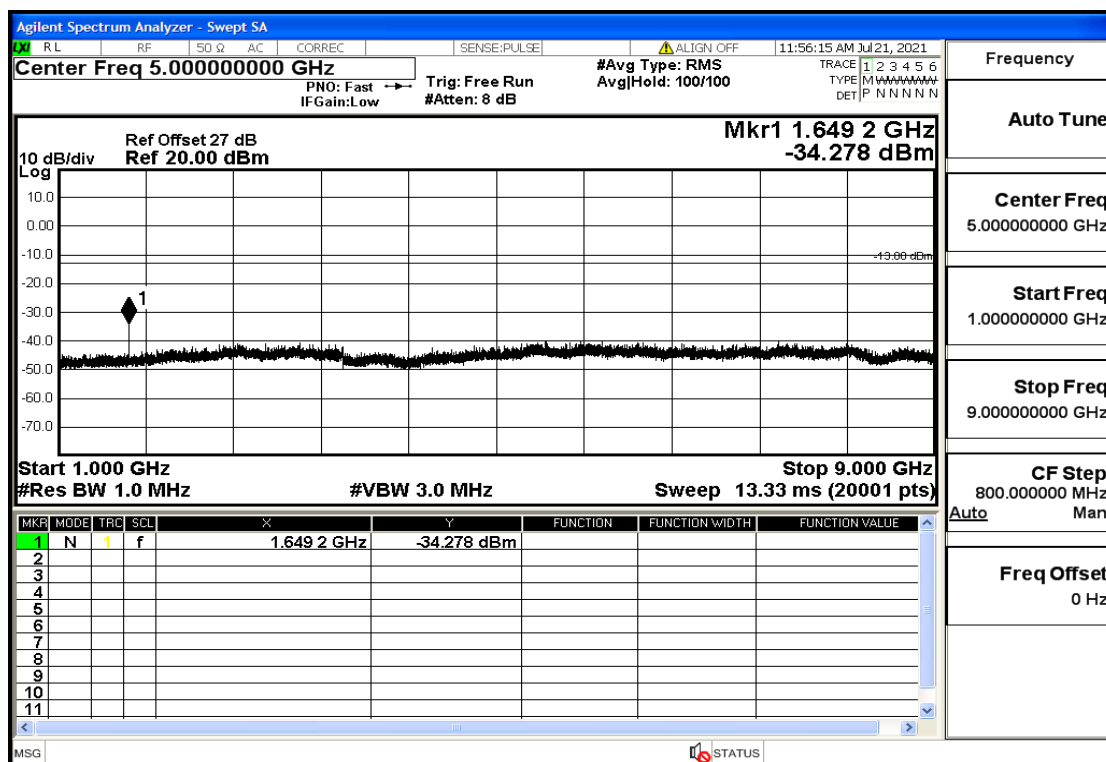
OB5-5-826.5-QPSK-25#LOW@1GHz-9GHz@Pass



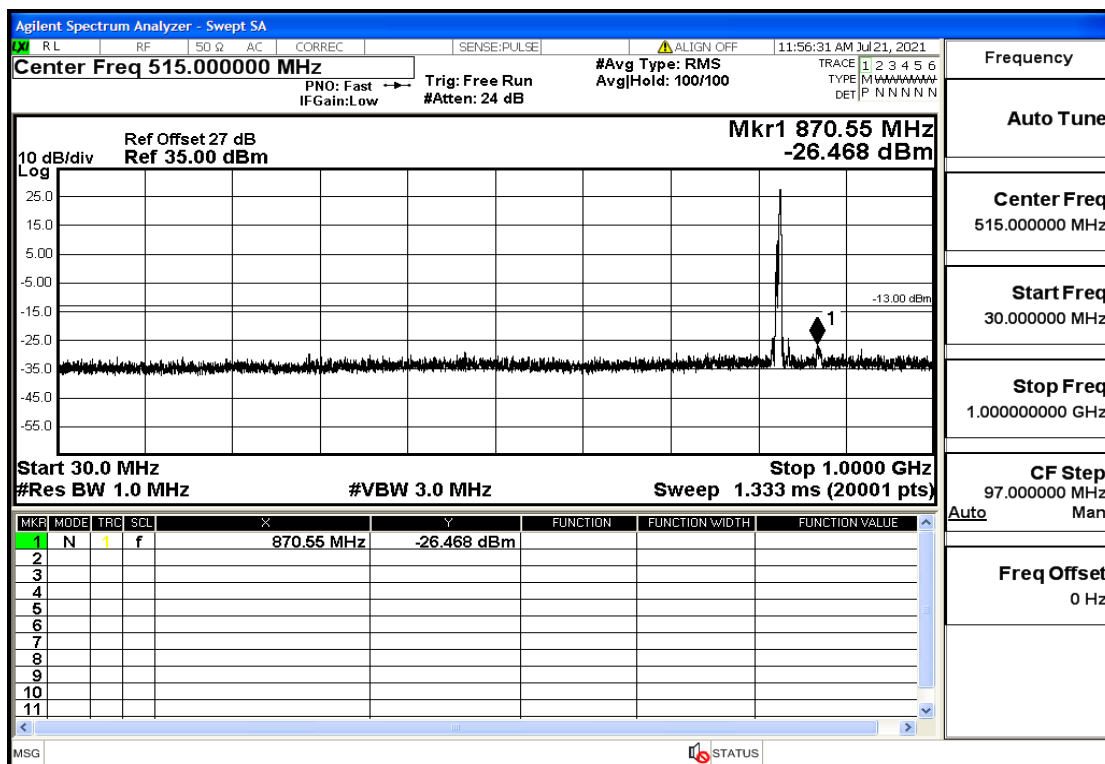
OB5-5-826.5-QPSK-1#LOW@30mHz-1GHz@Pass



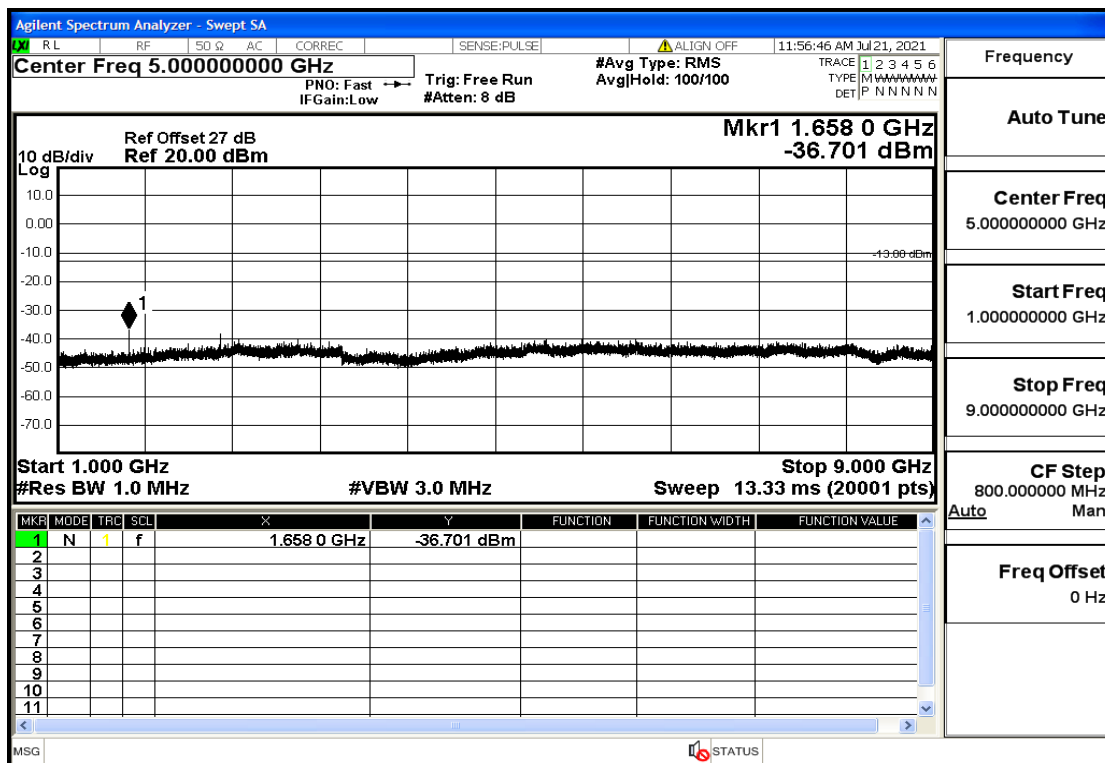
OB5-5-826.5-QPSK-1#LOW@1GHz-9GHz@Pass



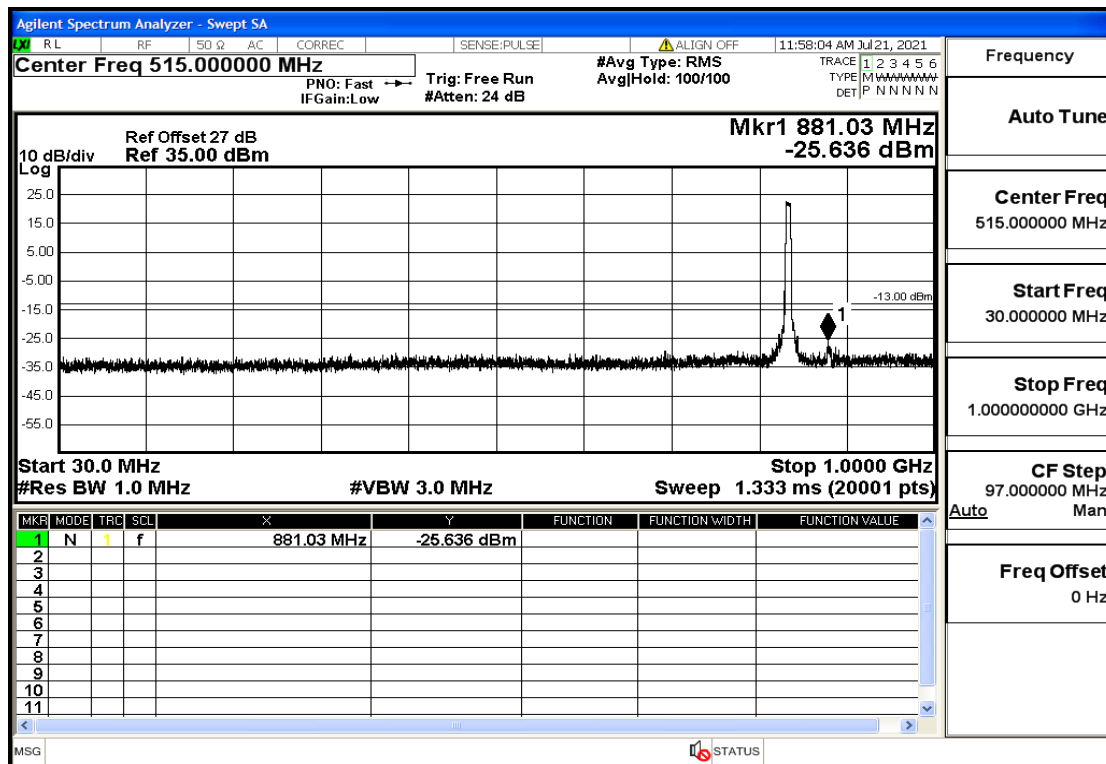
OB5-5-826.5-QPSK-1#HIGH@30mHz-1GHz@Pass



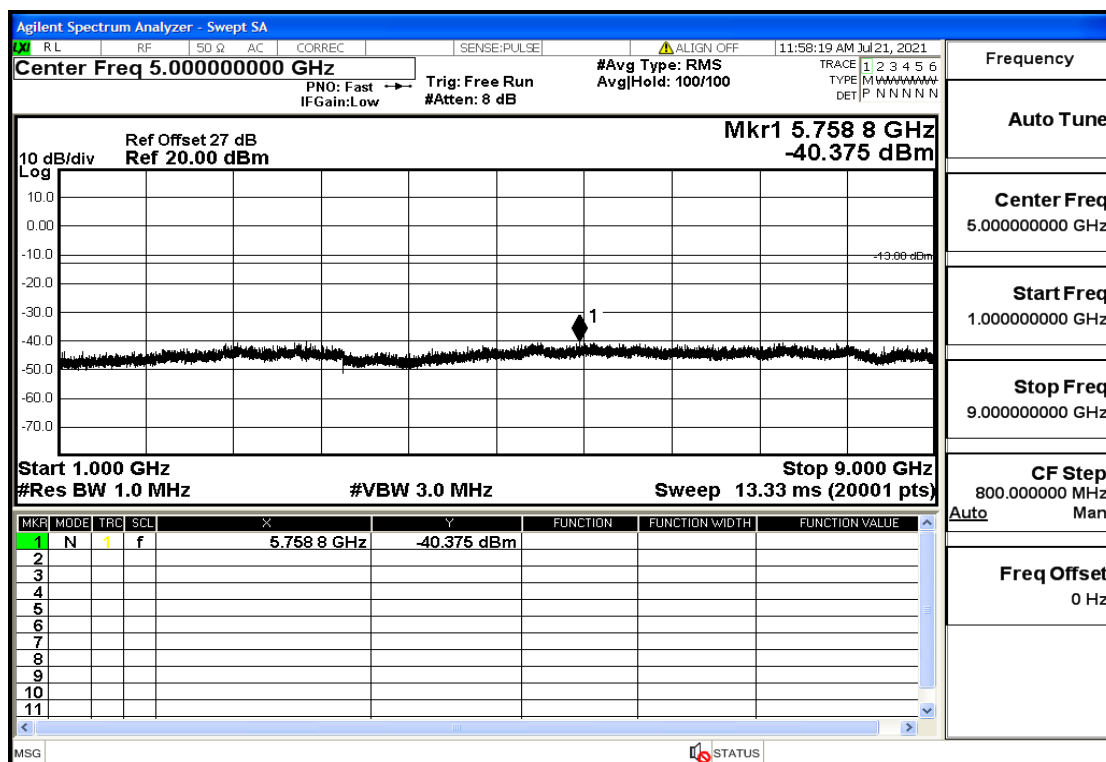
OB5-5-826.5-QPSK-1#HIGH@1GHz-9GHz@Pass



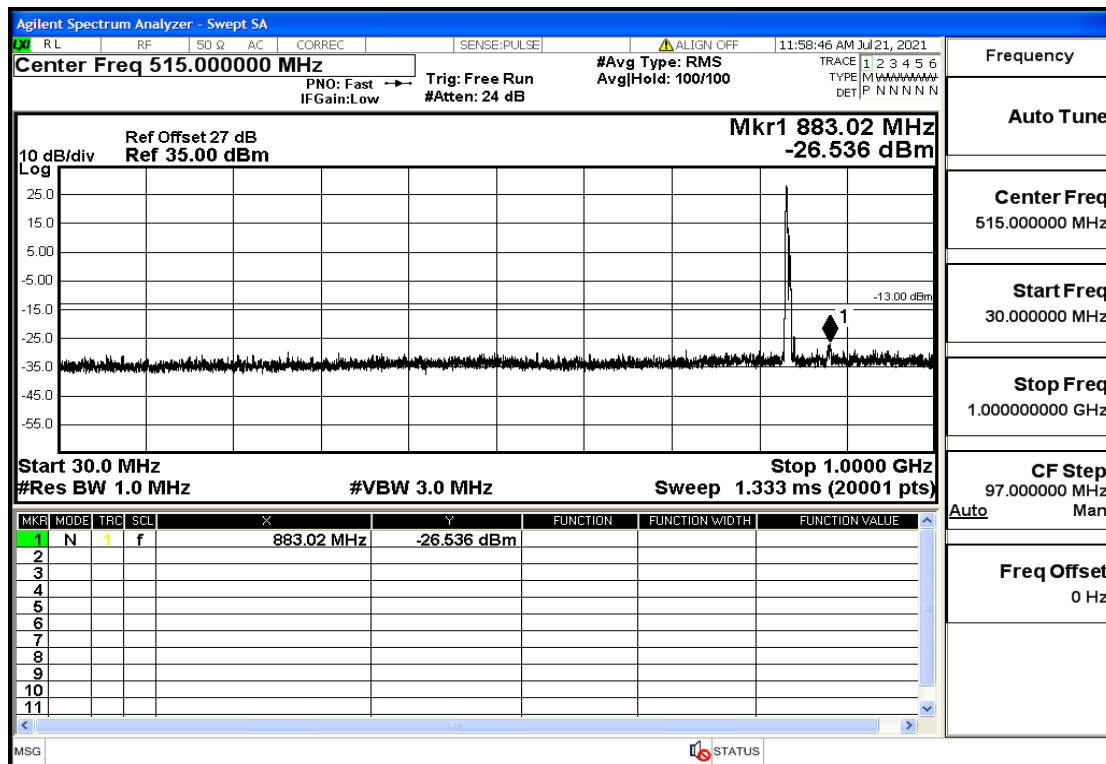
OB5-5-836.5-QPSK-25#LOW@30mHz-1GHz@Pass



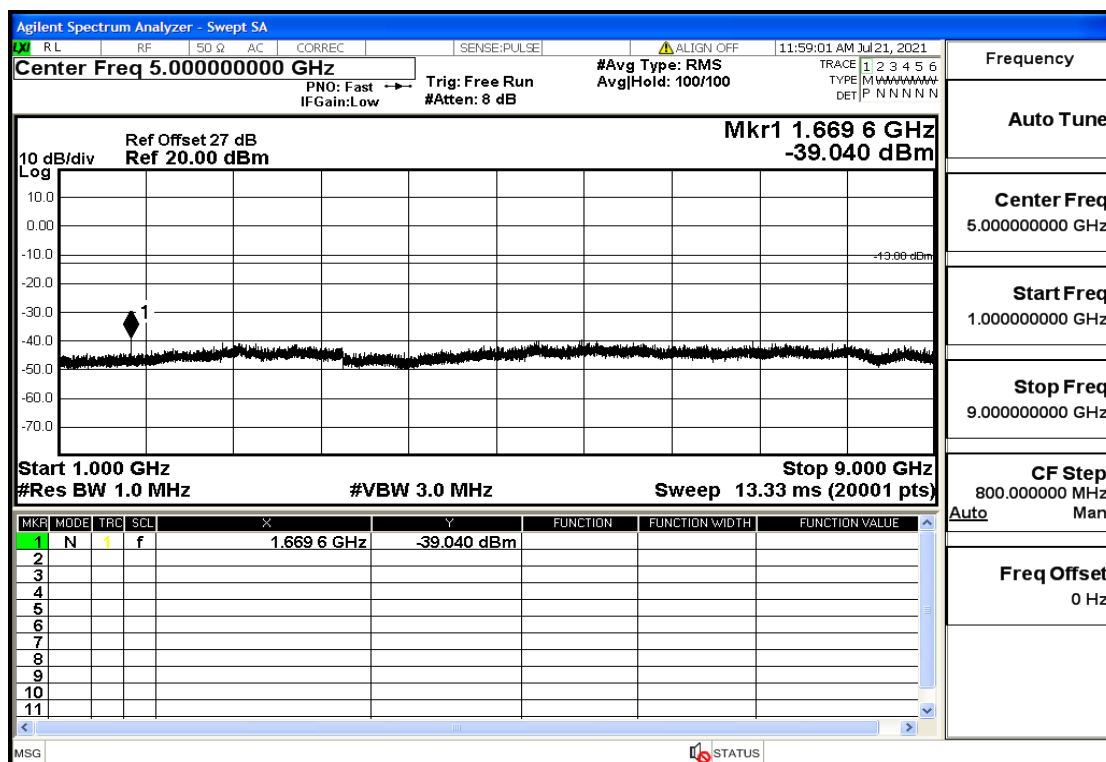
OB5-5-836.5-QPSK-25#LOW@1GHz-9GHz@Pass



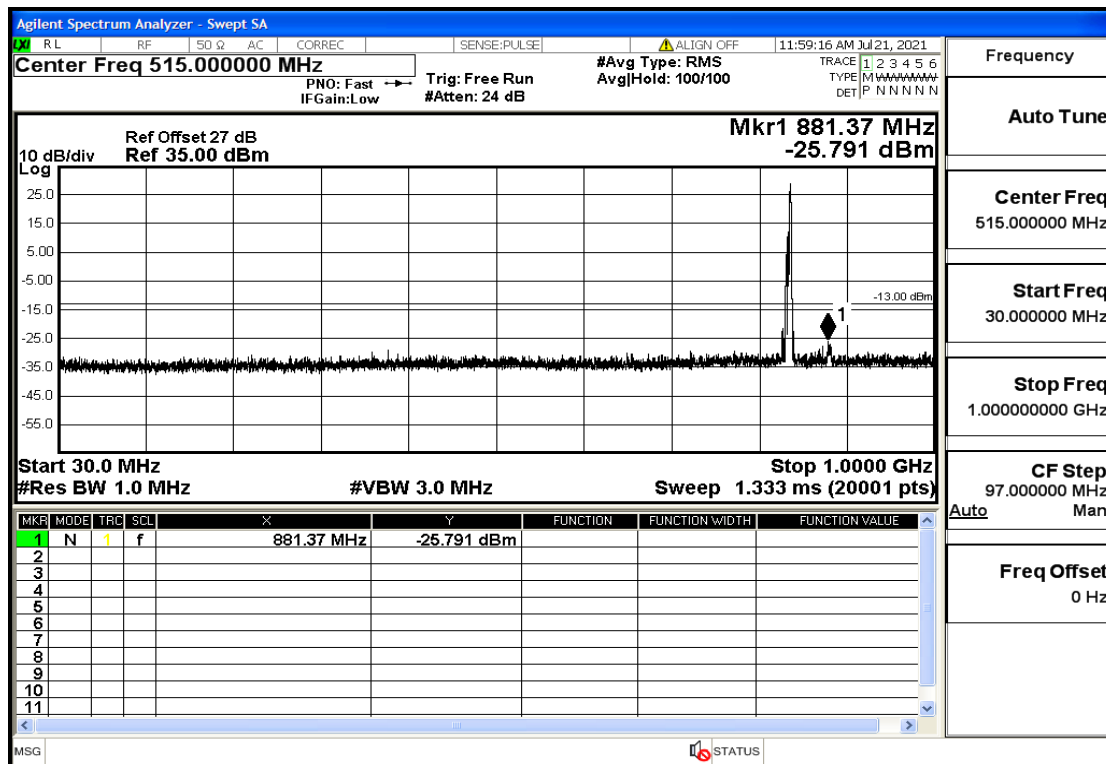
OB5-5-836.5-QPSK-1#LOW@30mHz-1GHz@Pass



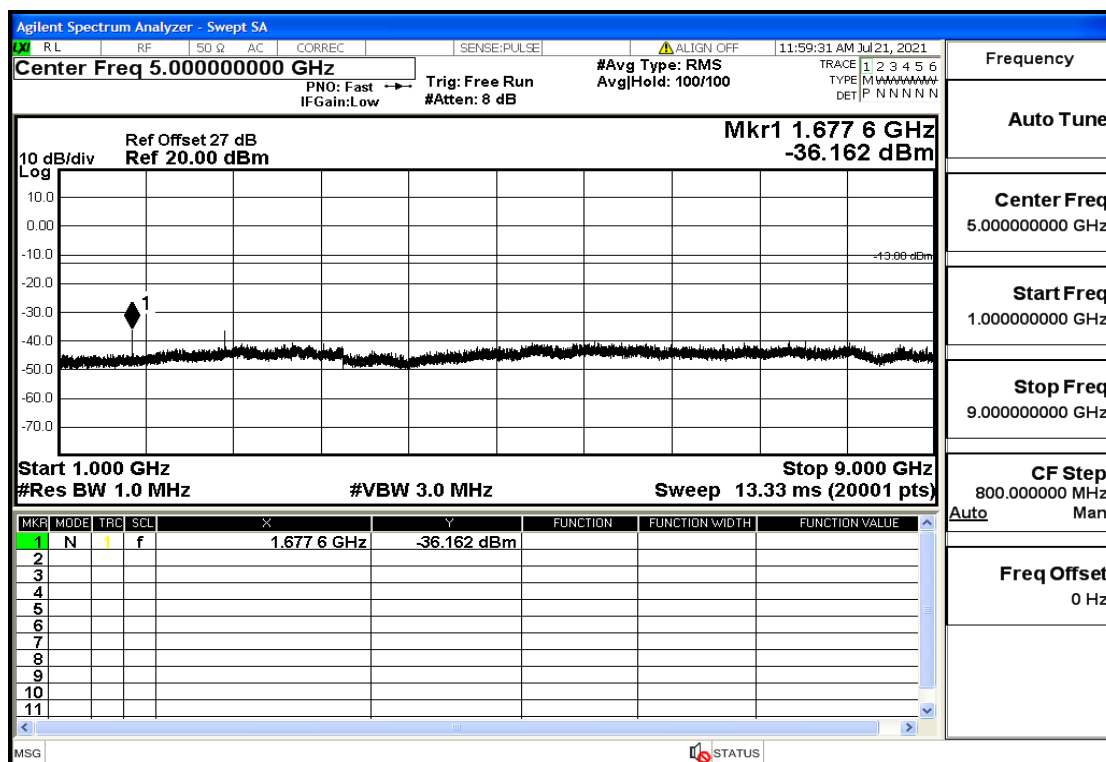
OB5-5-836.5-QPSK-1#LOW@1GHz-9GHz@Pass



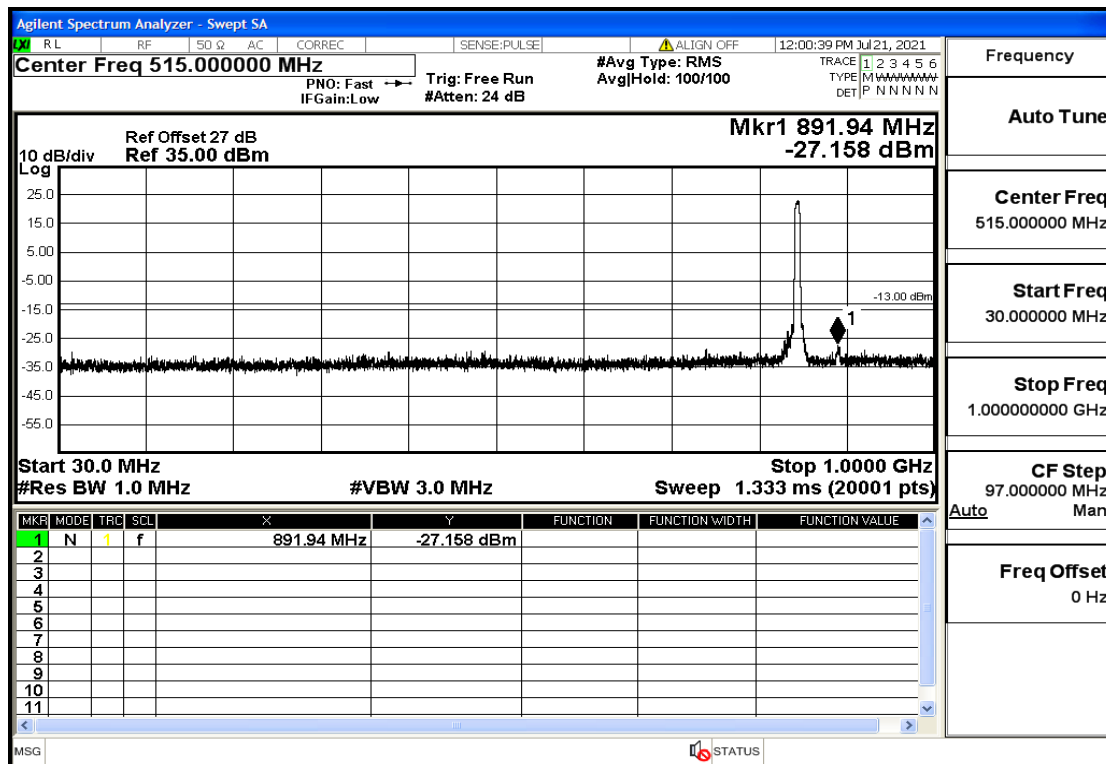
OB5-5-836.5-QPSK-1#HIGH@30mHz-1GHz@Pass



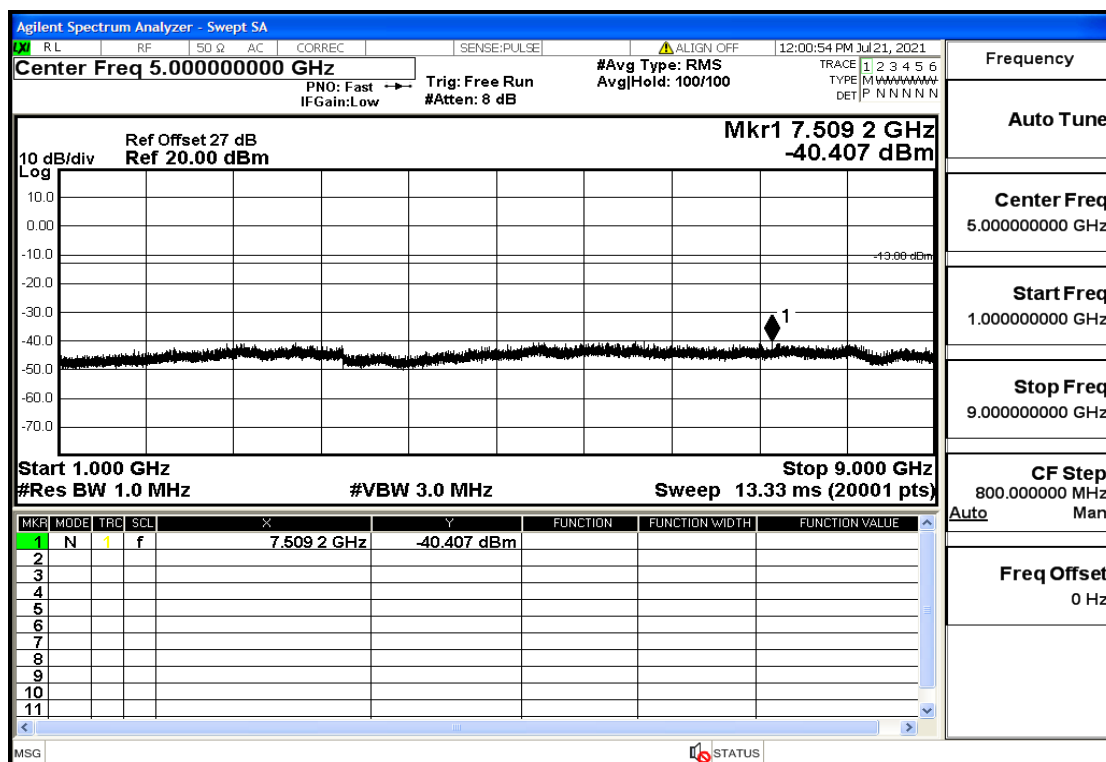
OB5-5-836.5-QPSK-1#HIGH@1GHz-9GHz@Pass



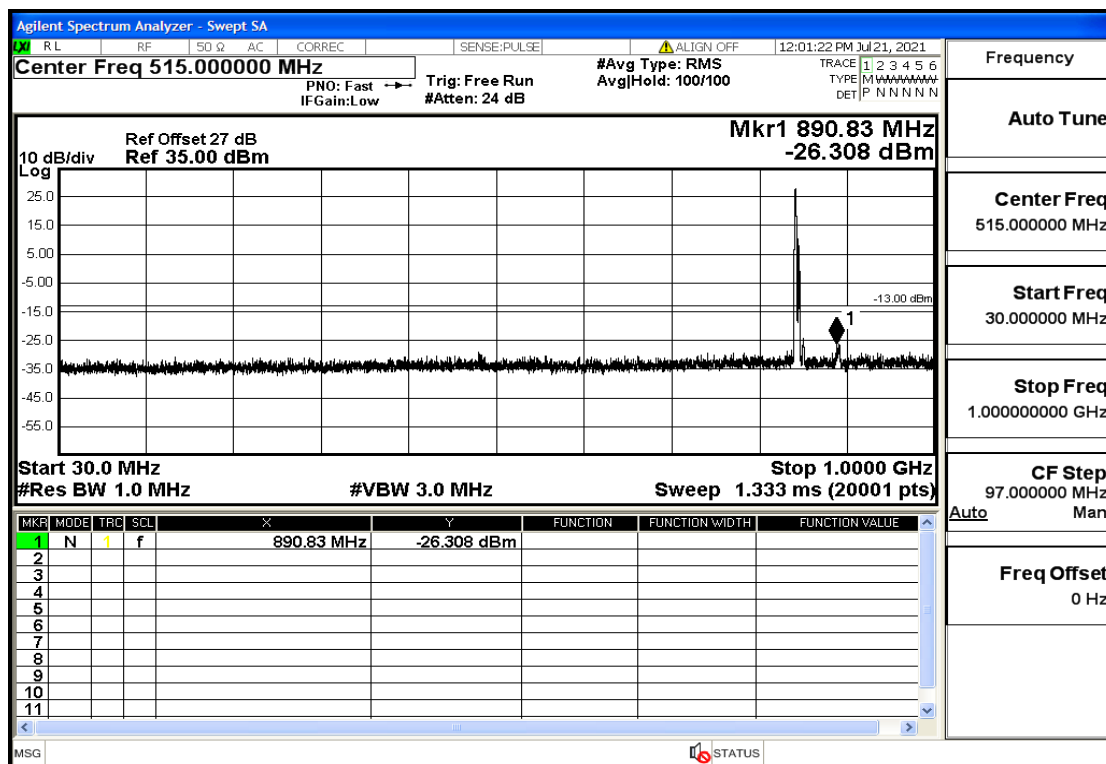
OB5-5-846.5-QPSK-25#LOW@30mHz-1GHz@Pass



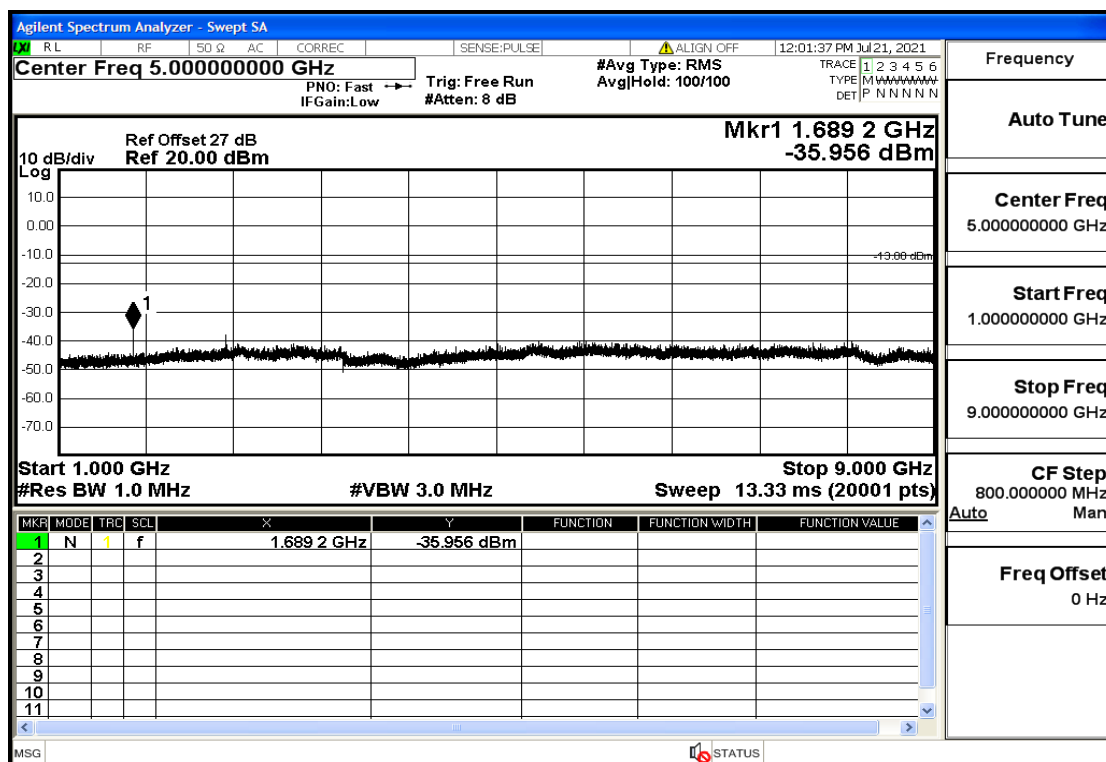
OB5-5-846.5-QPSK-25#LOW@1GHz-9GHz@Pass



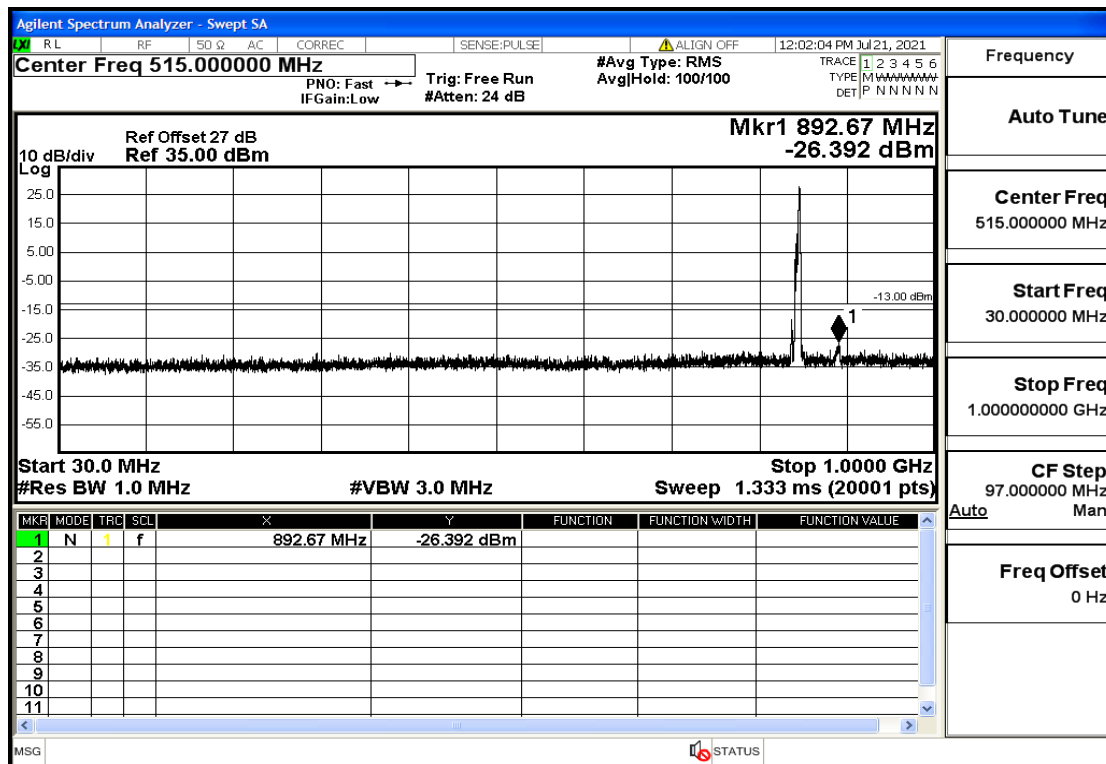
OB5-5-846.5-QPSK-1#LOW@30mHz-1GHz@Pass



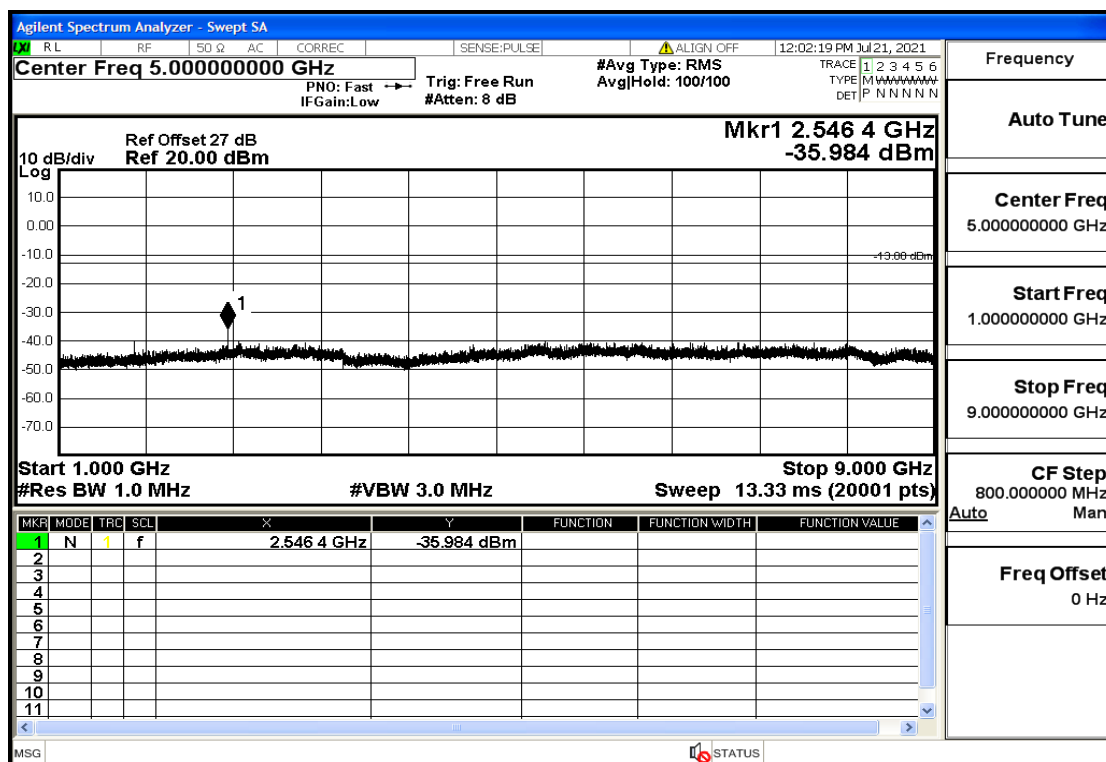
OB5-5-846.5-QPSK-1#LOW@1GHz-9GHz@Pass



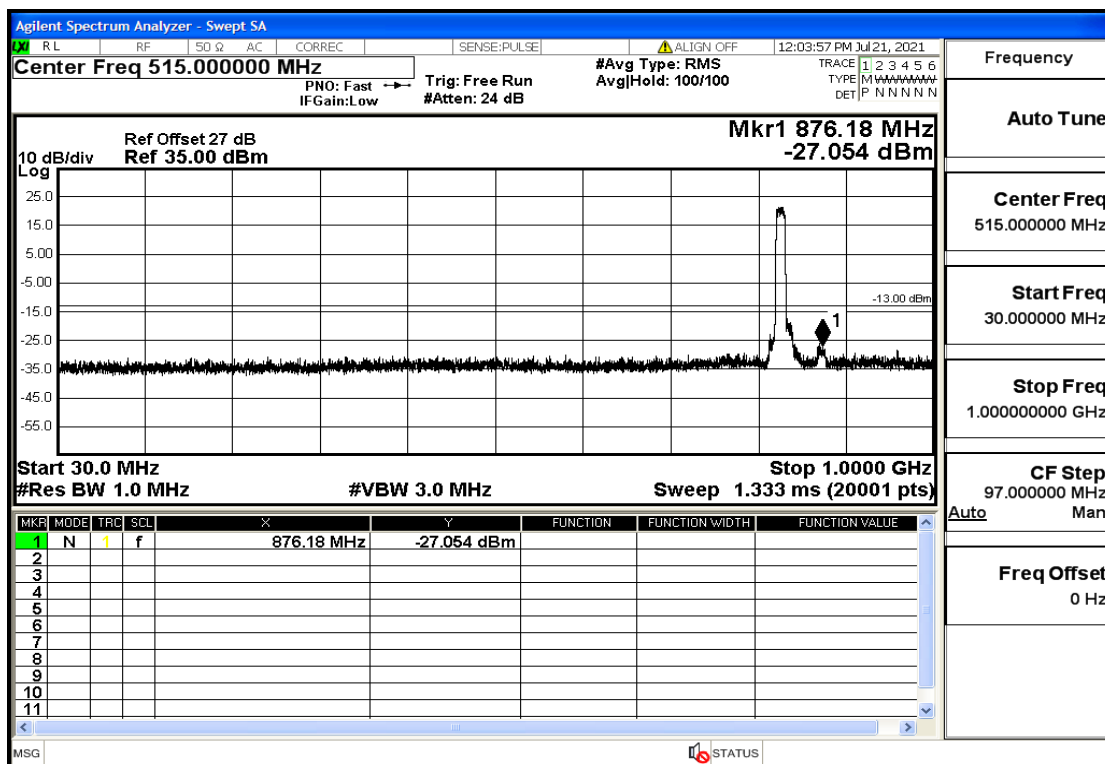
OB5-5-846.5-QPSK-1#HIGH@30mHz-1GHz@Pass



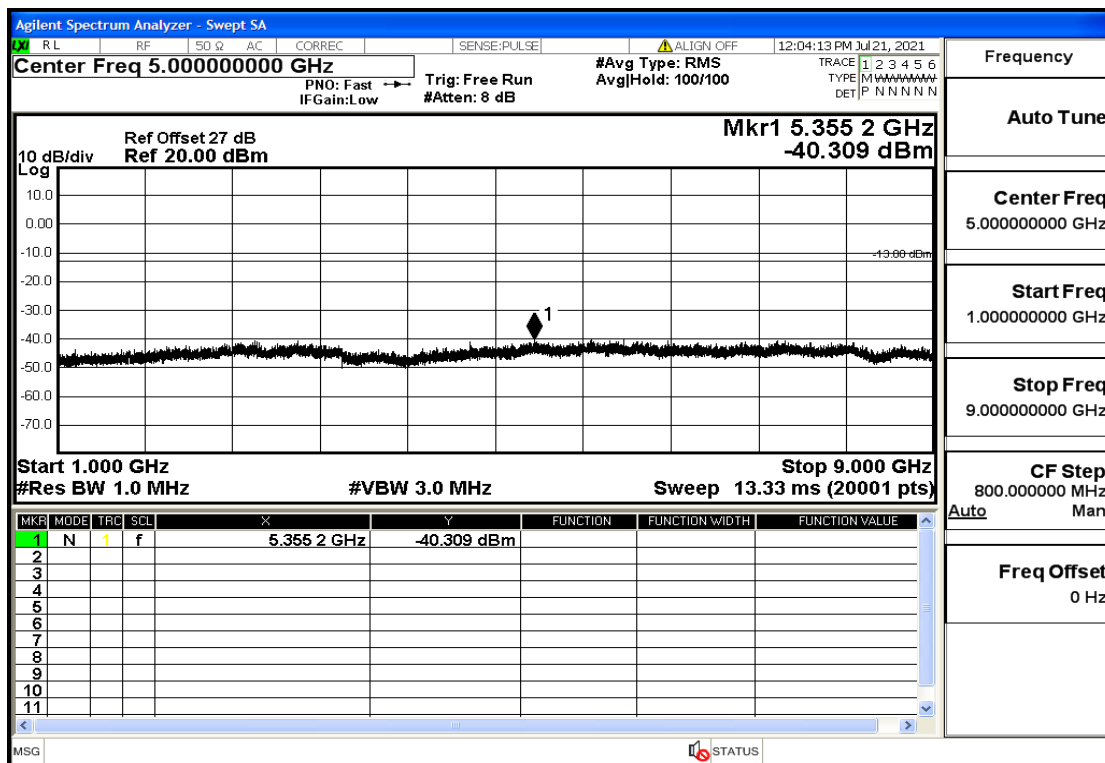
OB5-5-846.5-QPSK-1#HIGH@1GHz-9GHz@Pass



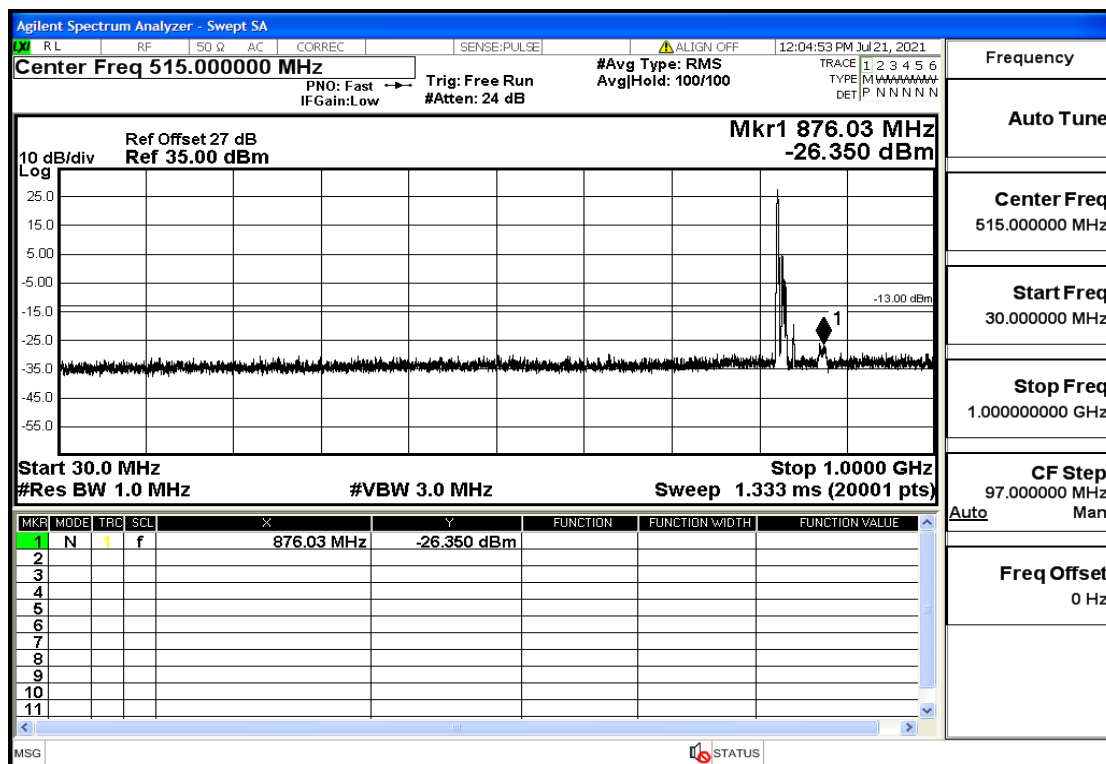
OB5-10-829-QPSK-50#LOW@30mHz-1GHz@Pass



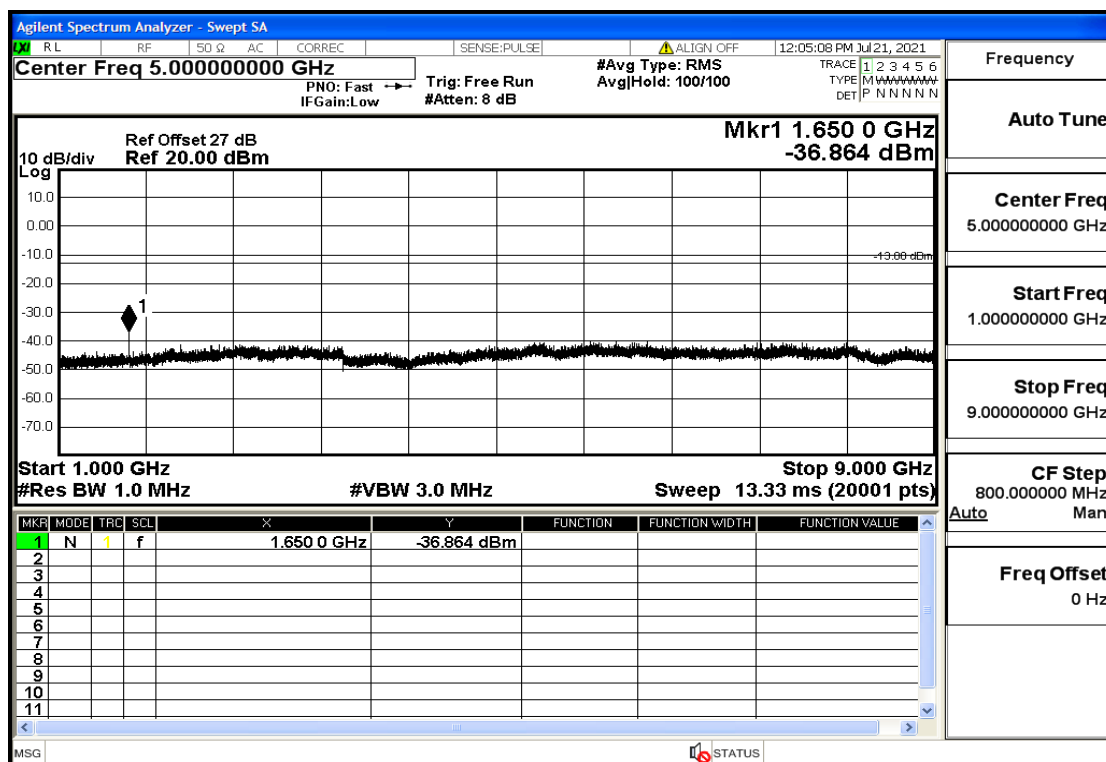
OB5-10-829-QPSK-50#LOW@1GHz-9GHz@Pass



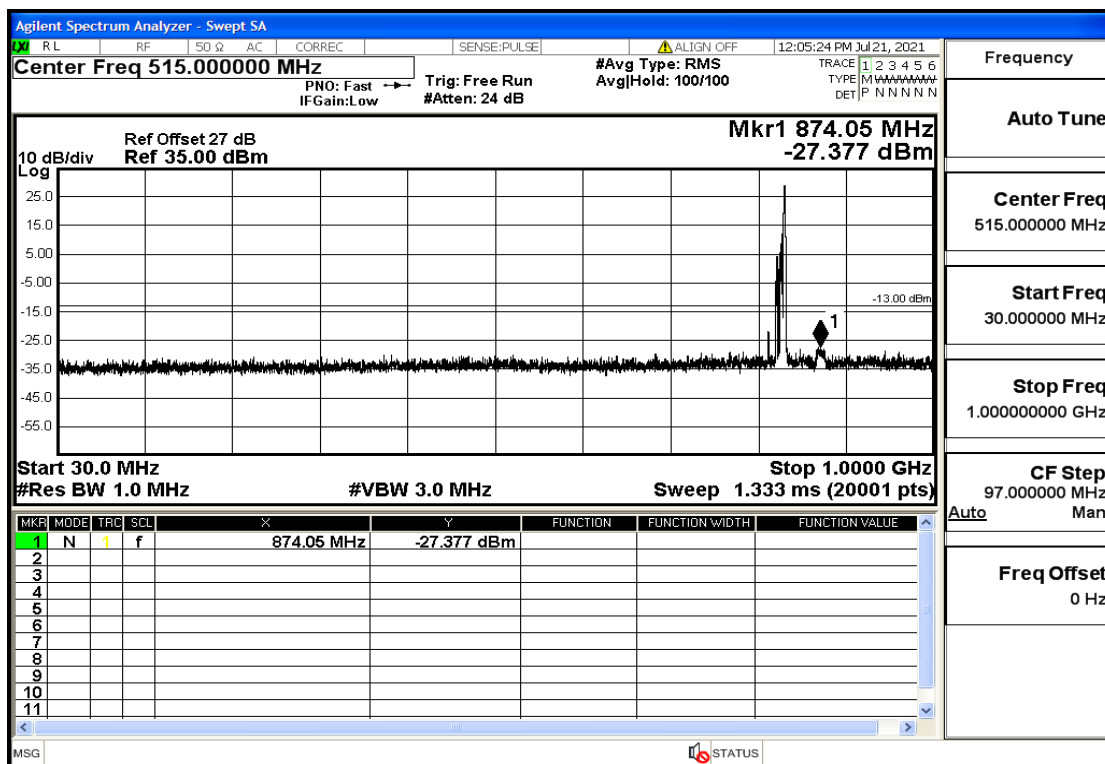
OB5-10-829-QPSK-1#LOW@30mHz-1GHz@Pass



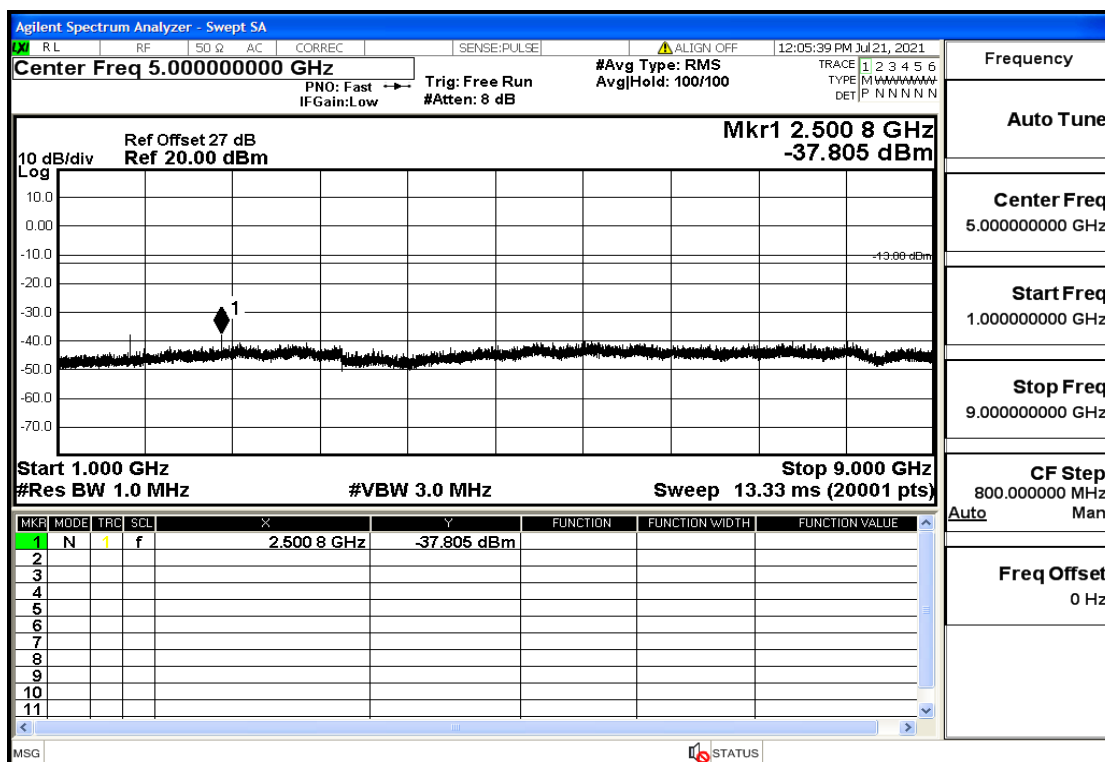
OB5-10-829-QPSK-1#LOW@1GHz-9GHz@Pass



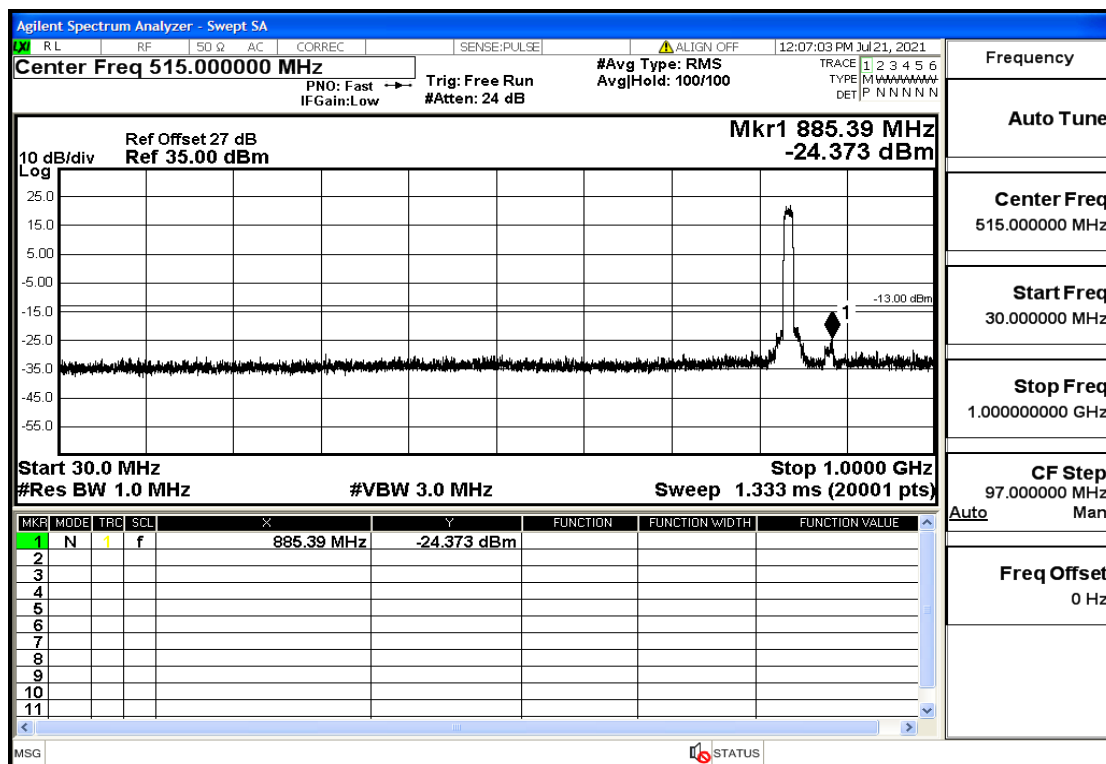
OB5-10-829-QPSK-1#HIGH@30mHz-1GHz@Pass



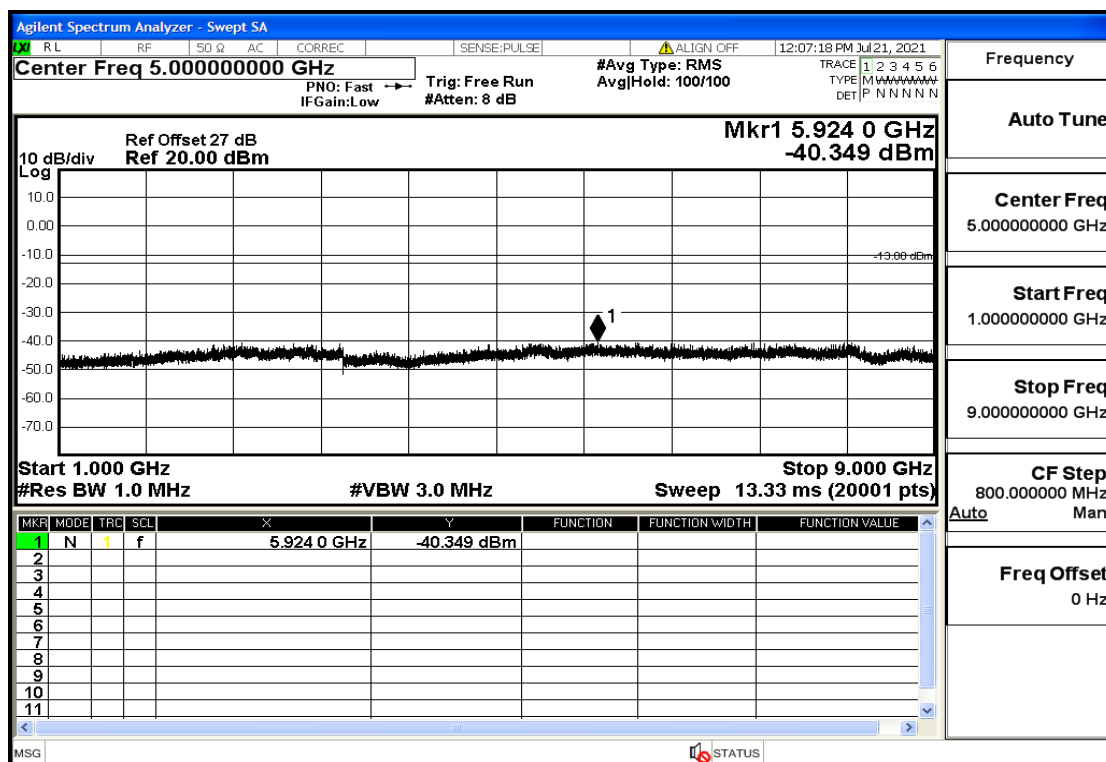
OB5-10-829-QPSK-1#HIGH@1GHz-9GHz@Pass



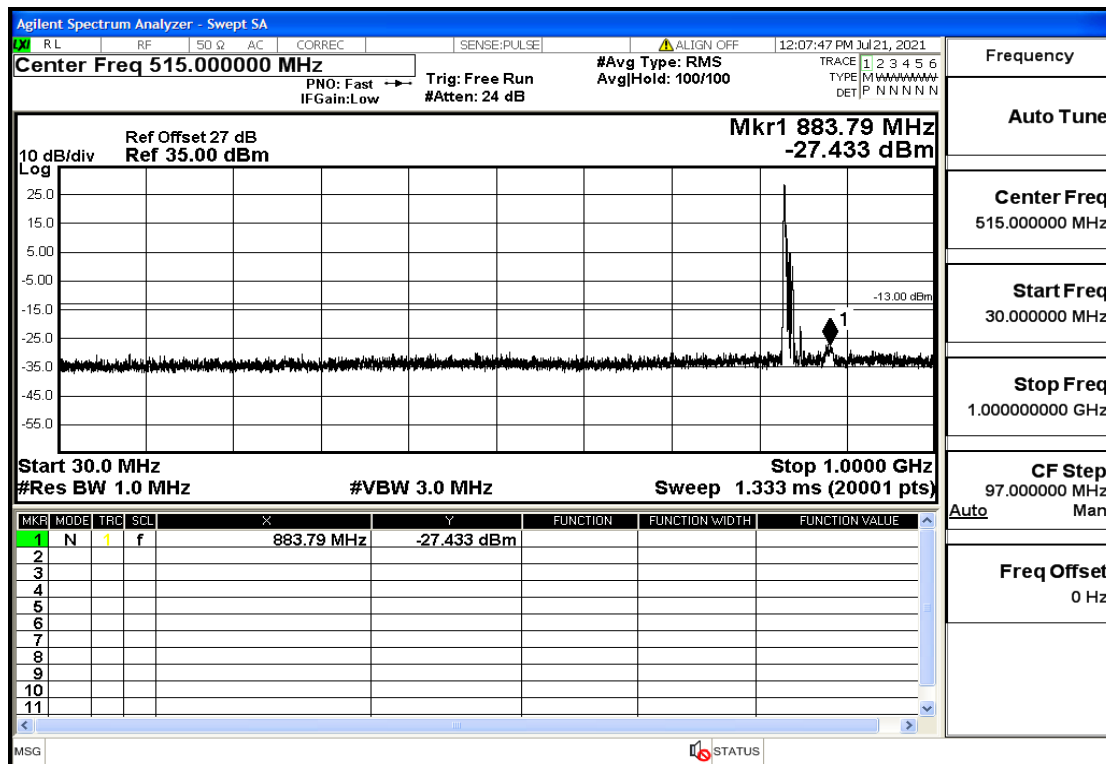
OB5-10-836.5-QPSK-50#LOW@30mHz-1GHz@Pass



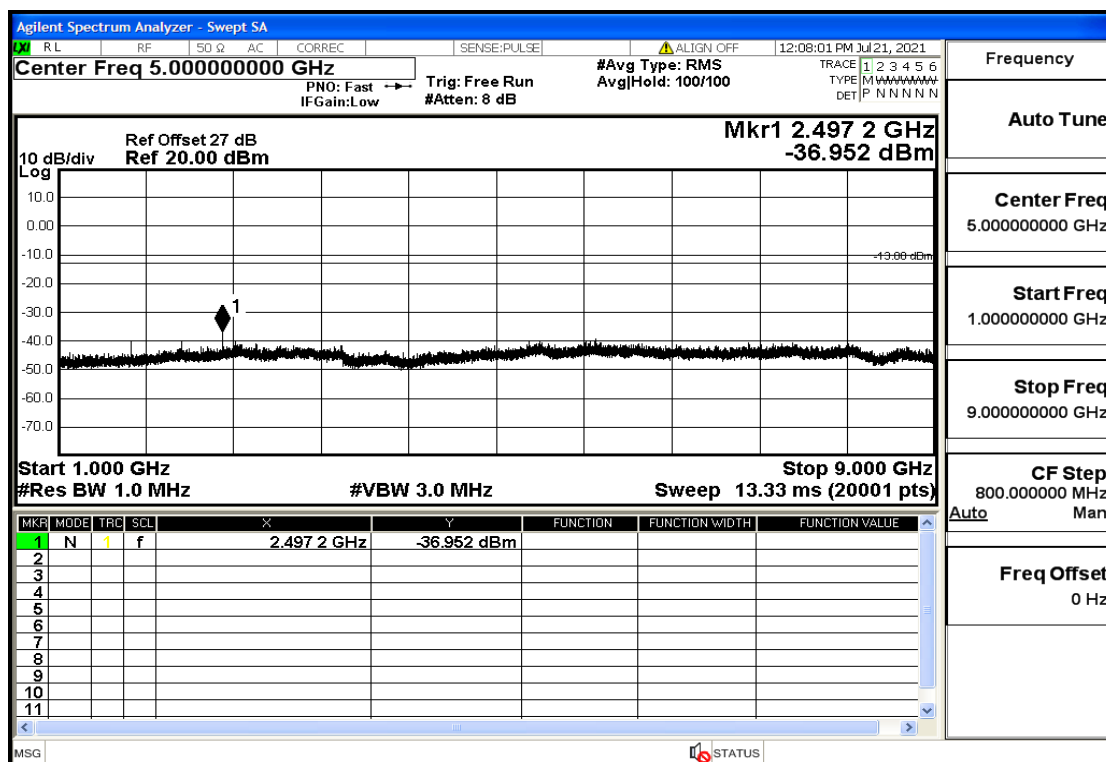
OB5-10-836.5-QPSK-50#LOW@1GHz-9GHz@Pass



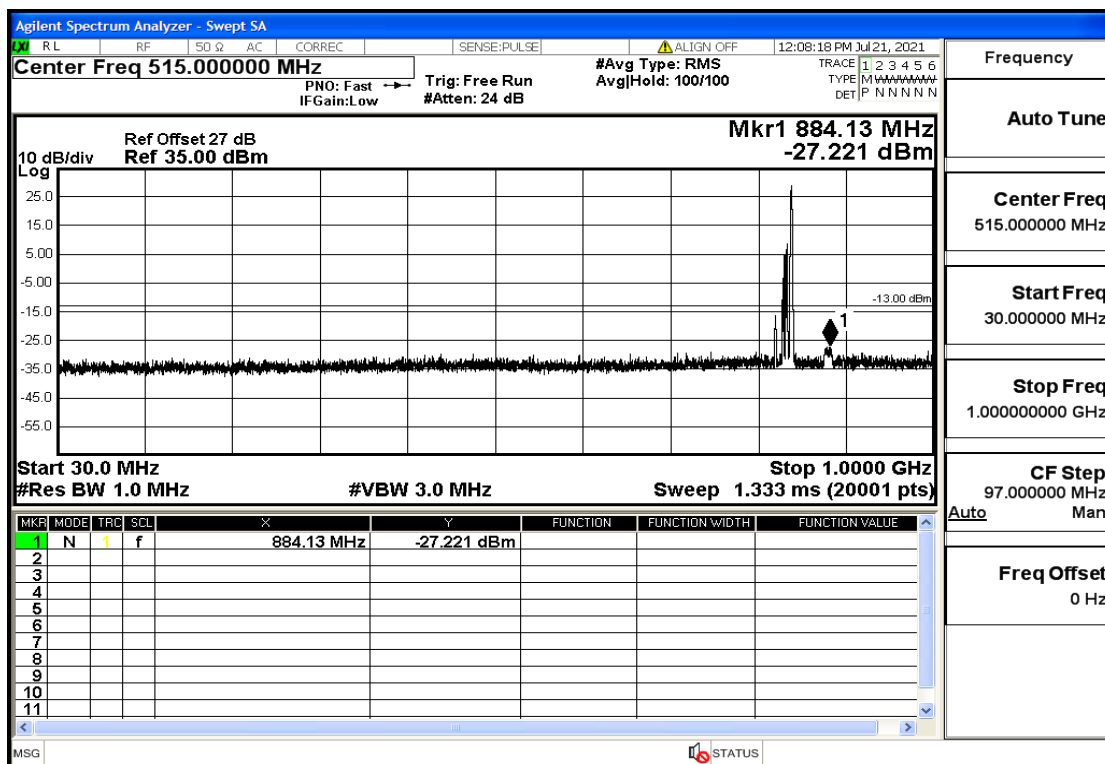
OB5-10-836.5-QPSK-1#LOW@30mHz-1GHz@Pass



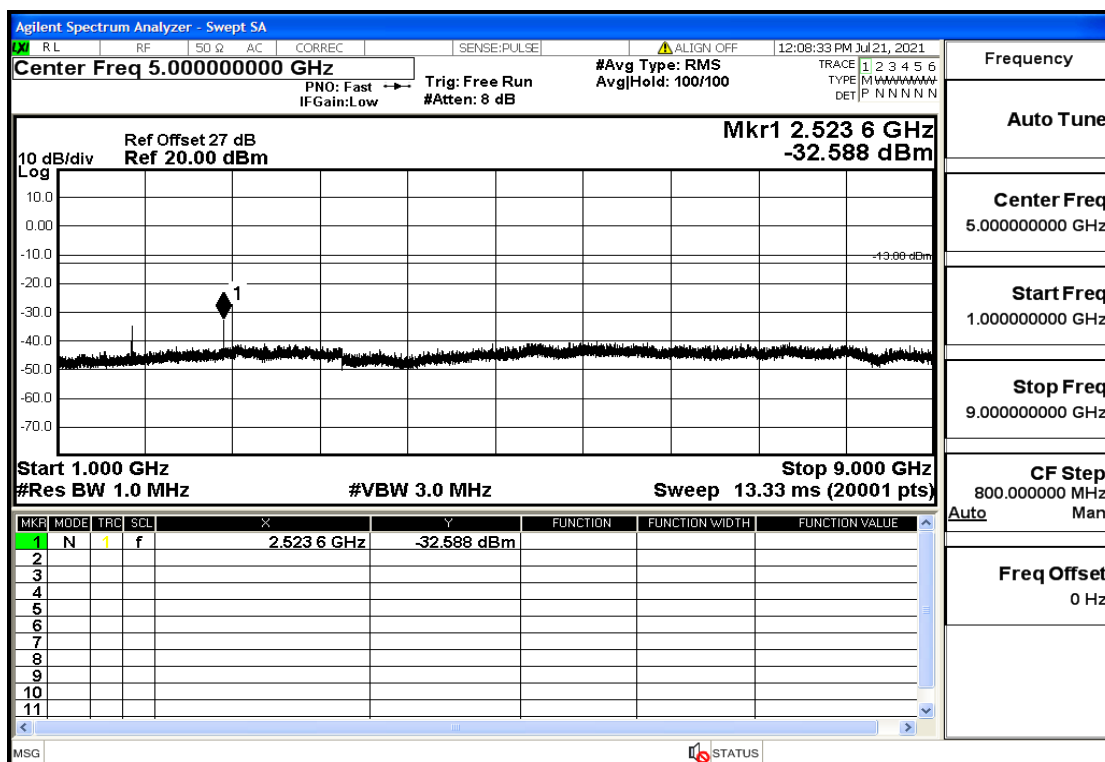
OB5-10-836.5-QPSK-1#LOW@1GHz-9GHz@Pass



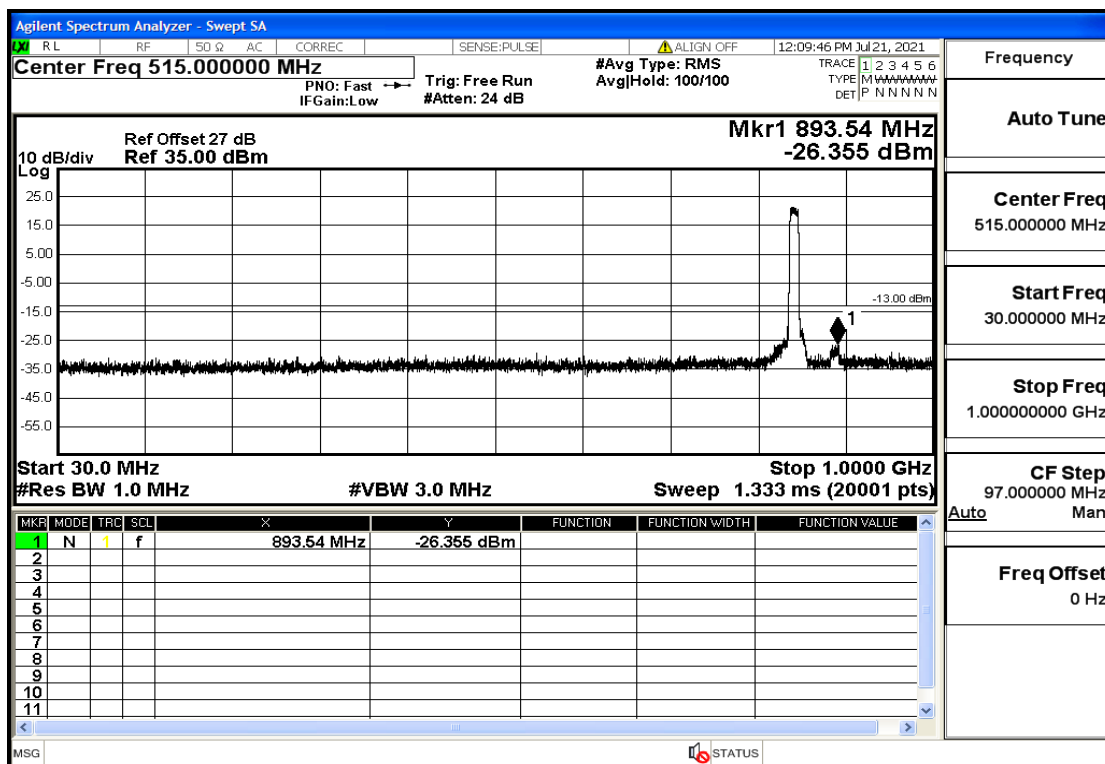
OB5-10-836.5-QPSK-1#HIGH@30mHz-1GHz@Pass



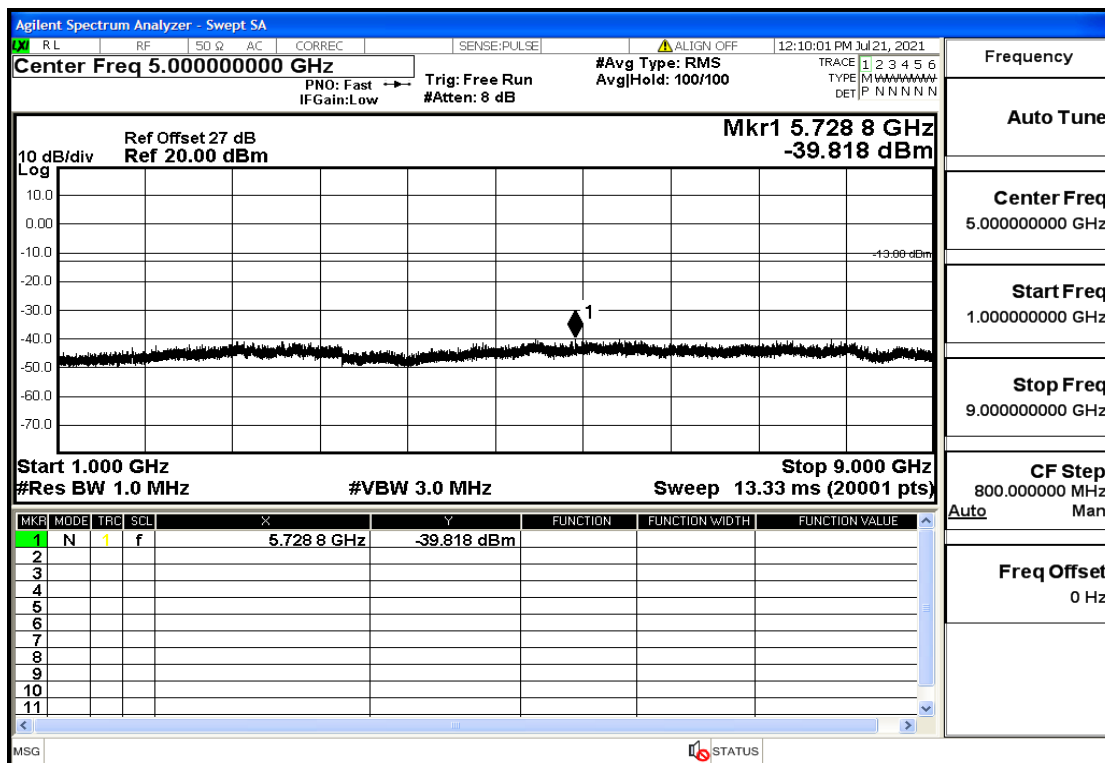
OB5-10-836.5-QPSK-1#HIGH@1GHz-9GHz@Pass



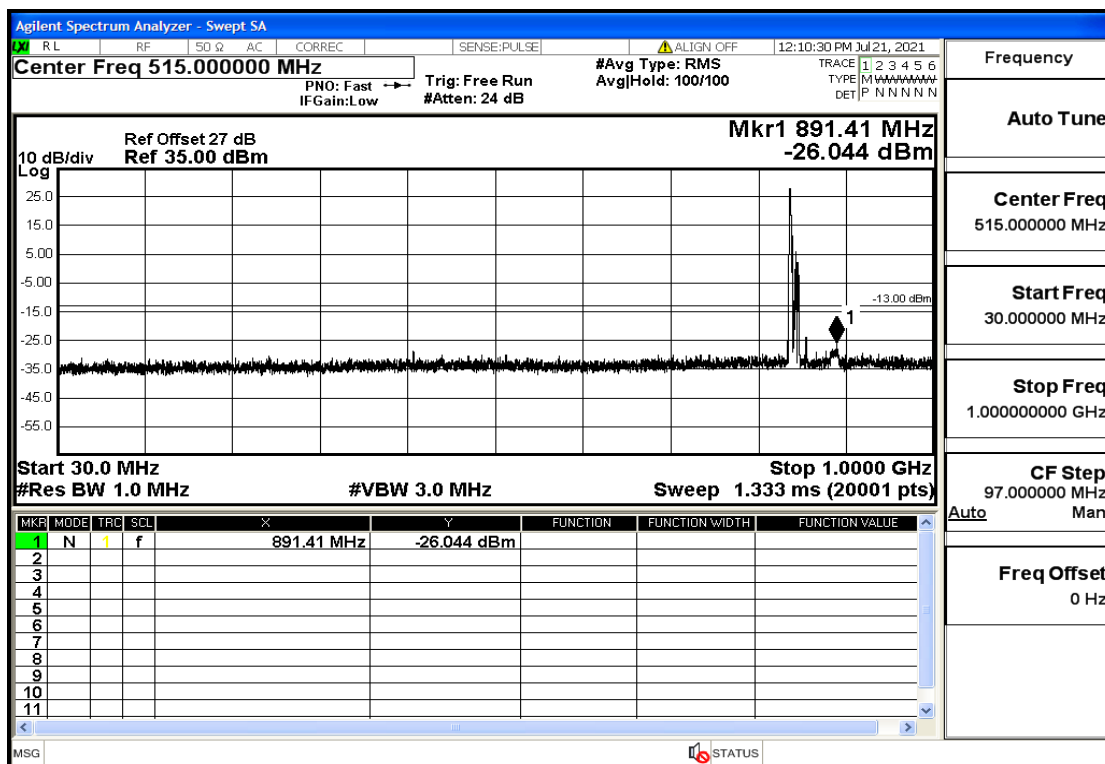
OB5-10-844-QPSK-50#LOW@30mHz-1GHz@Pass



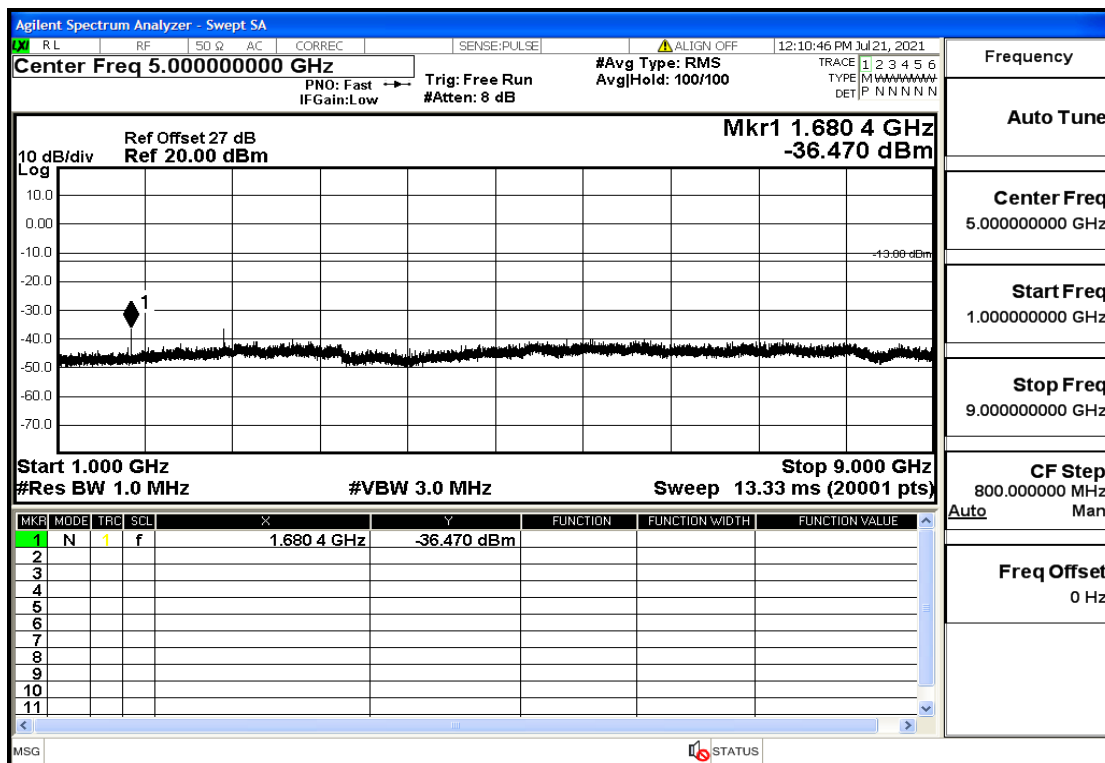
OB5-10-844-QPSK-50#LOW@1GHz-9GHz@Pass



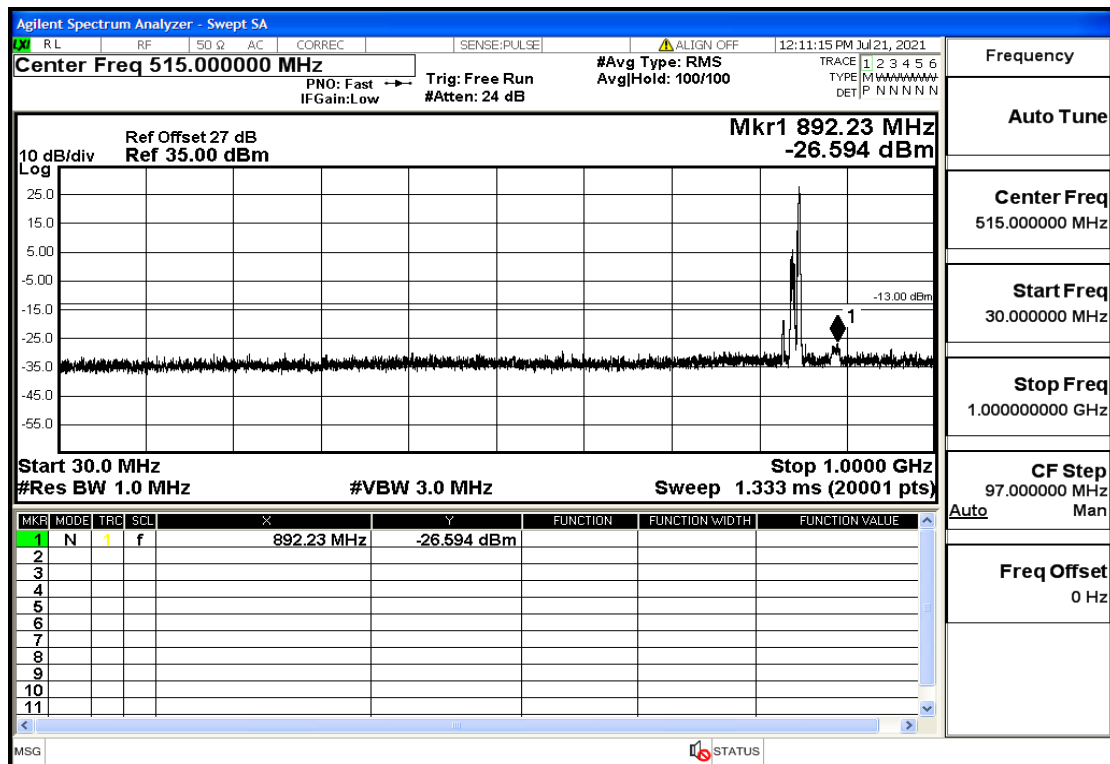
OB5-10-844-QPSK-1#LOW@30mHz-1GHz@Pass



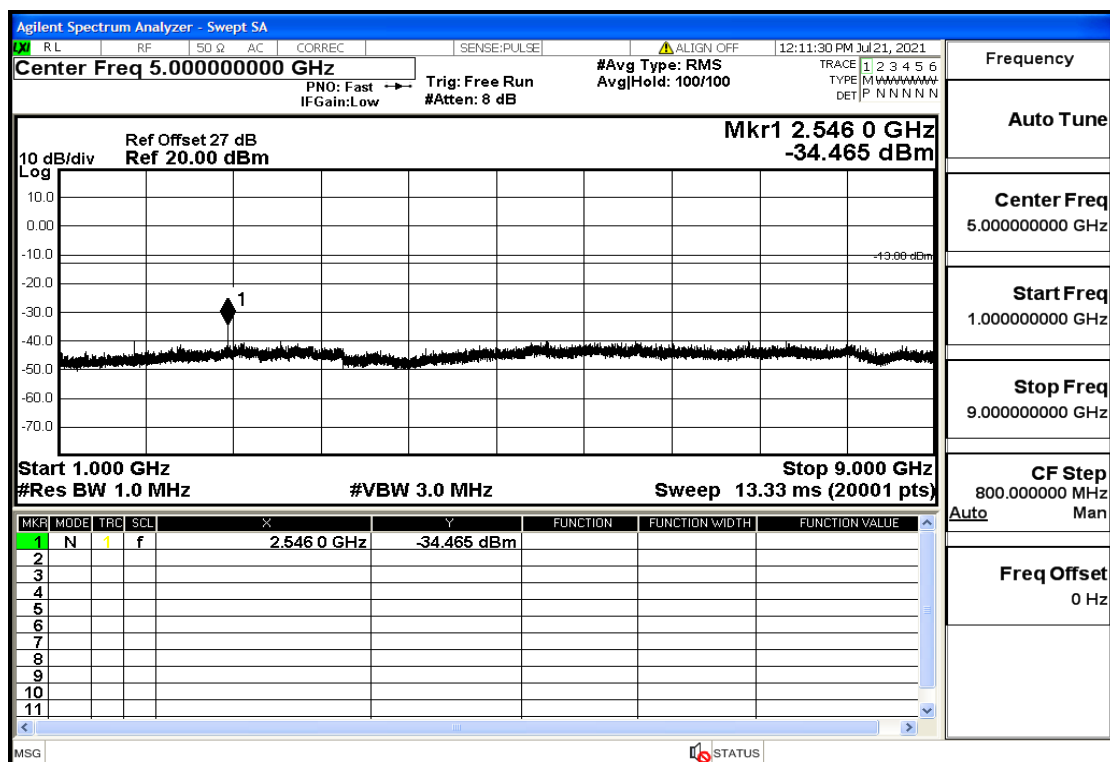
OB5-10-844-QPSK-1#LOW@1GHz-9GHz@Pass



OB5-10-844-QPSK-1#HIGH@30mHz-1GHz@Pass



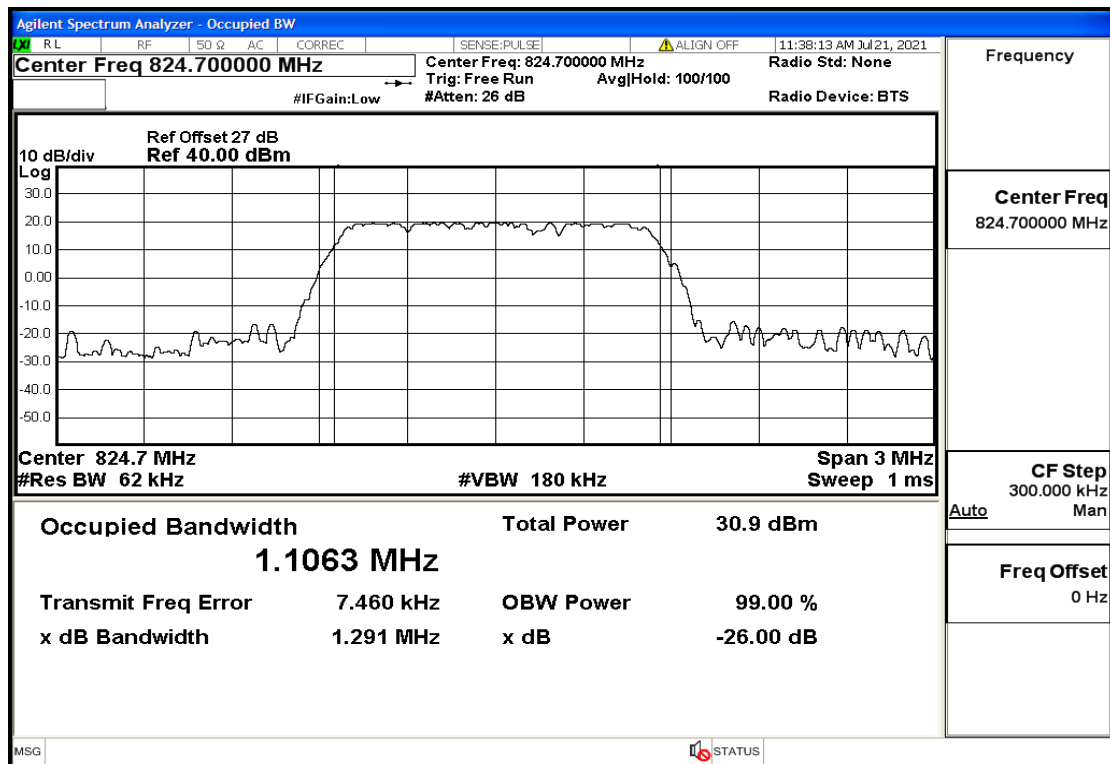
OB5-10-844-QPSK-1#HIGH@1GHz-9GHz@Pass



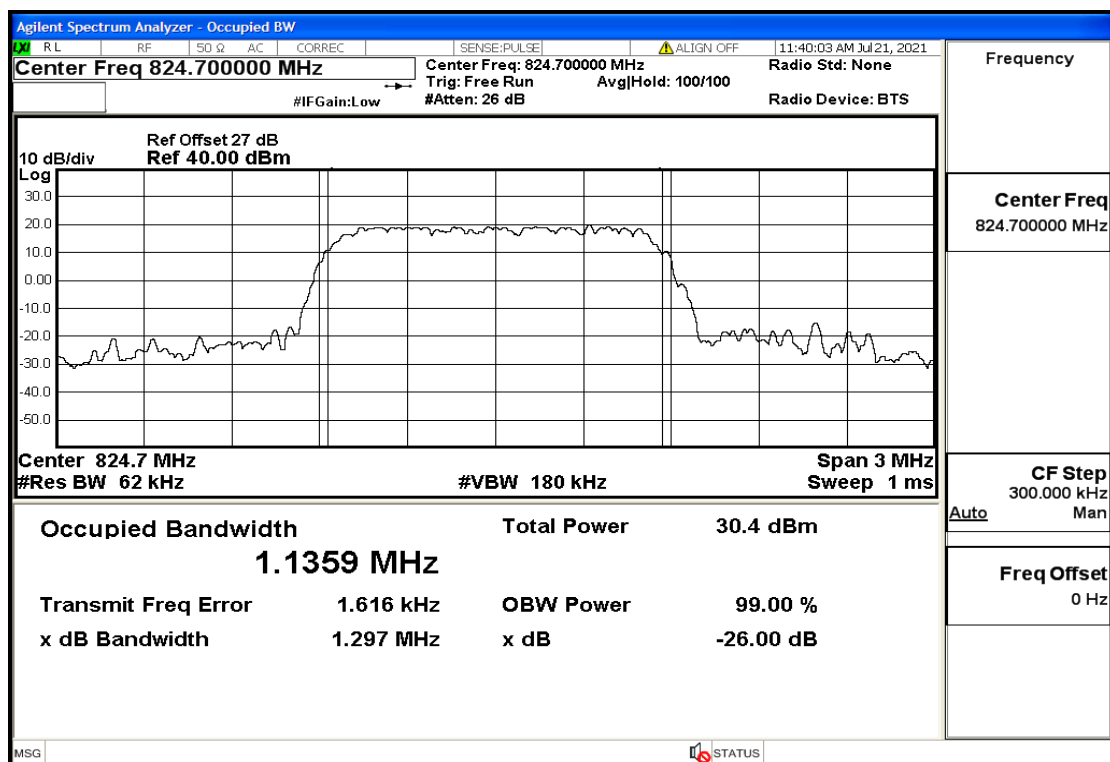
Emission bandwidth and OBW

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth(KHz)	Emission Bandwidth(KHz)	Limit
Band5	1.4	824.7	QPSK	6	LOW	1106.3	1291	No limit
Band5	1.4	824.7	16QAM	6	LOW	1135.9	1297	No limit
Band5	1.4	836.5	QPSK	6	LOW	1117.9	1282	No limit
Band5	1.4	836.5	16QAM	6	LOW	1114.3	1299	No limit
Band5	1.4	848.3	QPSK	6	LOW	1120.3	1299	No limit
Band5	1.4	848.3	16QAM	6	LOW	1120.2	1296	No limit
Band5	3	825.5	QPSK	15	LOW	2759.8	3075	No limit
Band5	3	825.5	16QAM	15	LOW	2774.5	3119	No limit
Band5	3	836.5	QPSK	15	LOW	2771	3127	No limit
Band5	3	836.5	16QAM	15	LOW	2770.2	3081	No limit
Band5	3	847.5	QPSK	15	LOW	2764.7	3040	No limit
Band5	3	847.5	16QAM	15	LOW	2768.3	3106	No limit
Band5	5	826.5	QPSK	25	LOW	4574	5082	No limit
Band5	5	826.5	16QAM	25	LOW	4569.1	5084	No limit
Band5	5	836.5	QPSK	25	LOW	4571.3	5085	No limit
Band5	5	836.5	16QAM	25	LOW	4578.3	5032	No limit
Band5	5	846.5	QPSK	25	LOW	4576.5	5102	No limit
Band5	5	846.5	16QAM	25	LOW	4561	5037	No limit
Band5	10	829	QPSK	50	LOW	9122.8	10120	No limit
Band5	10	829	16QAM	50	LOW	9073.7	10050	No limit
Band5	10	836.5	QPSK	50	LOW	9095.3	9972	No limit
Band5	10	836.5	16QAM	50	LOW	9082.7	10150	No limit
Band5	10	844	QPSK	50	LOW	9074.9	10180	No limit
Band5	10	844	16QAM	50	LOW	9096.6	10050	No limit

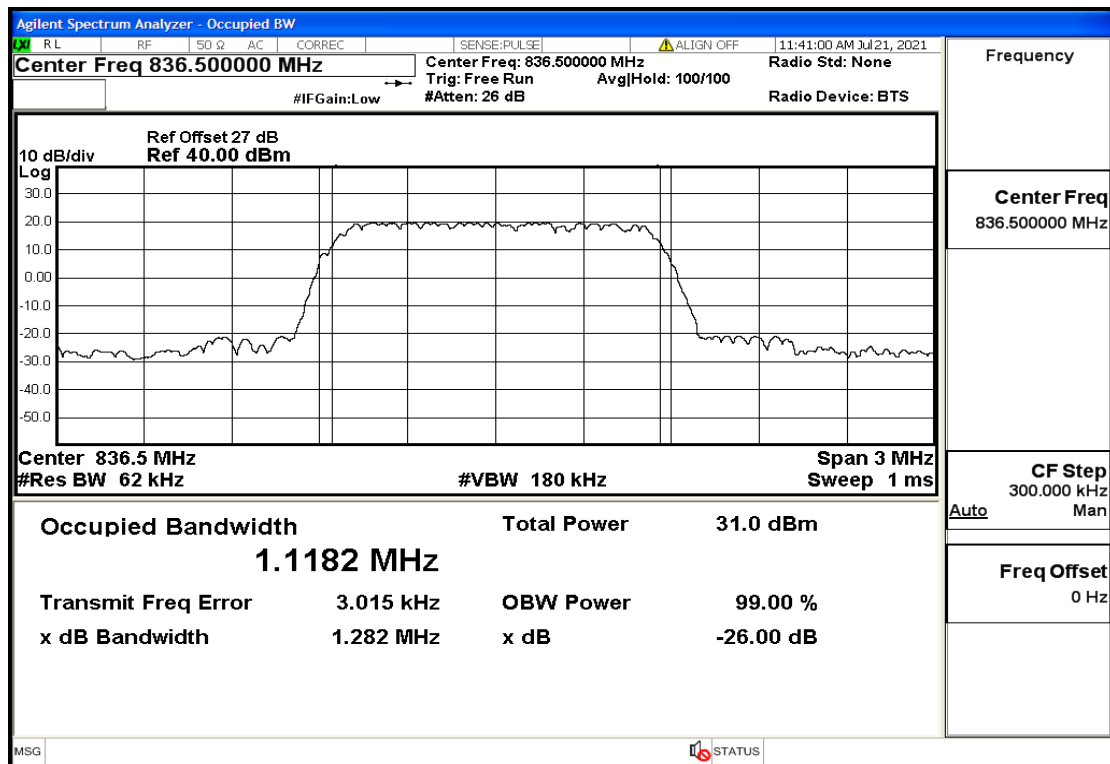
Band5-1.4-824.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



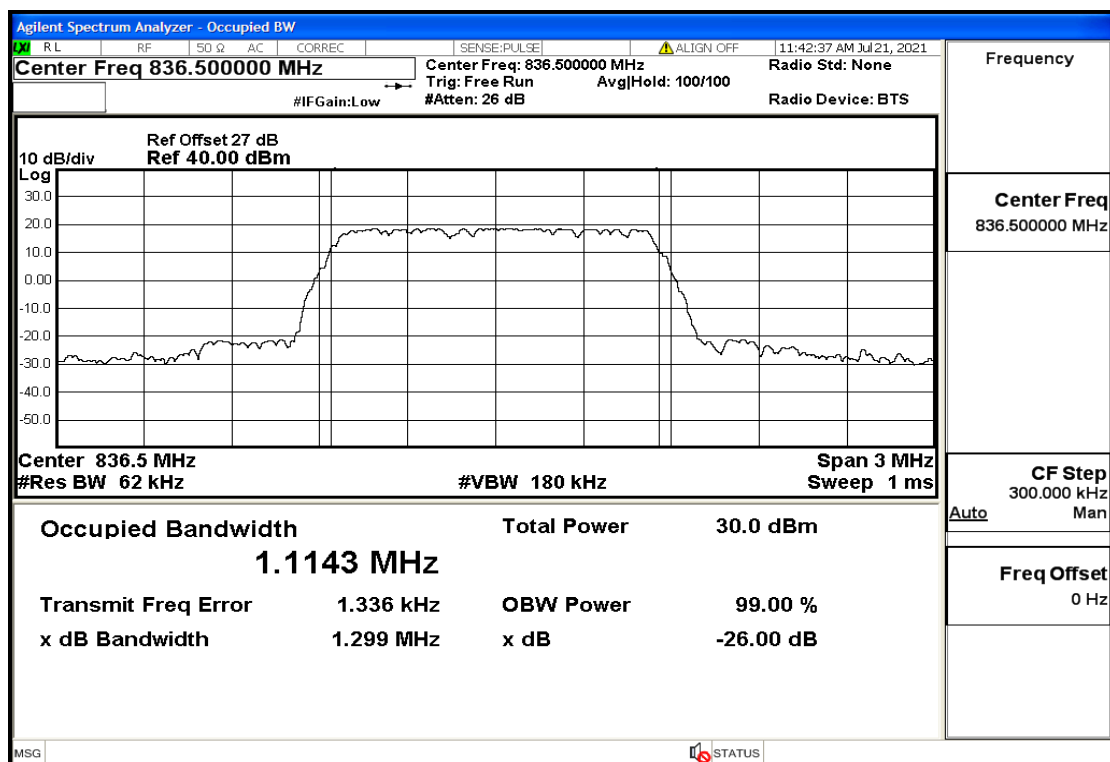
Band5-1.4-824.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



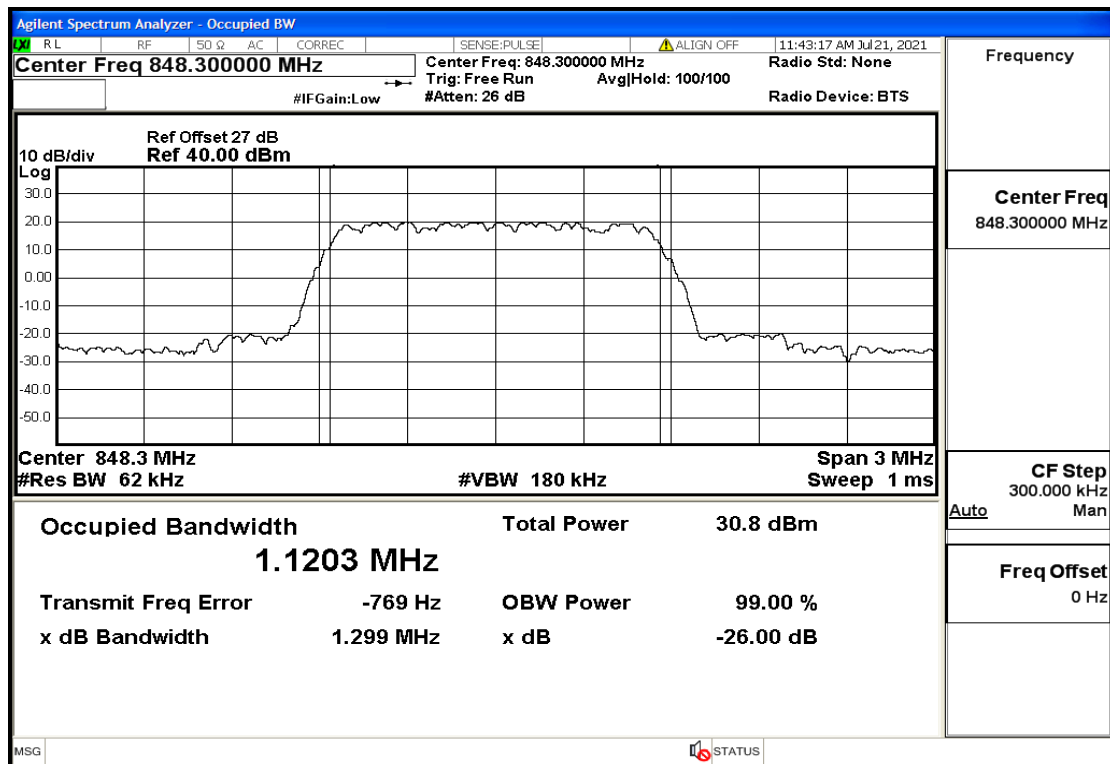
Band5-1.4-836.5-QPSK-6#LOW@26dB and 99PCT Bandwidth



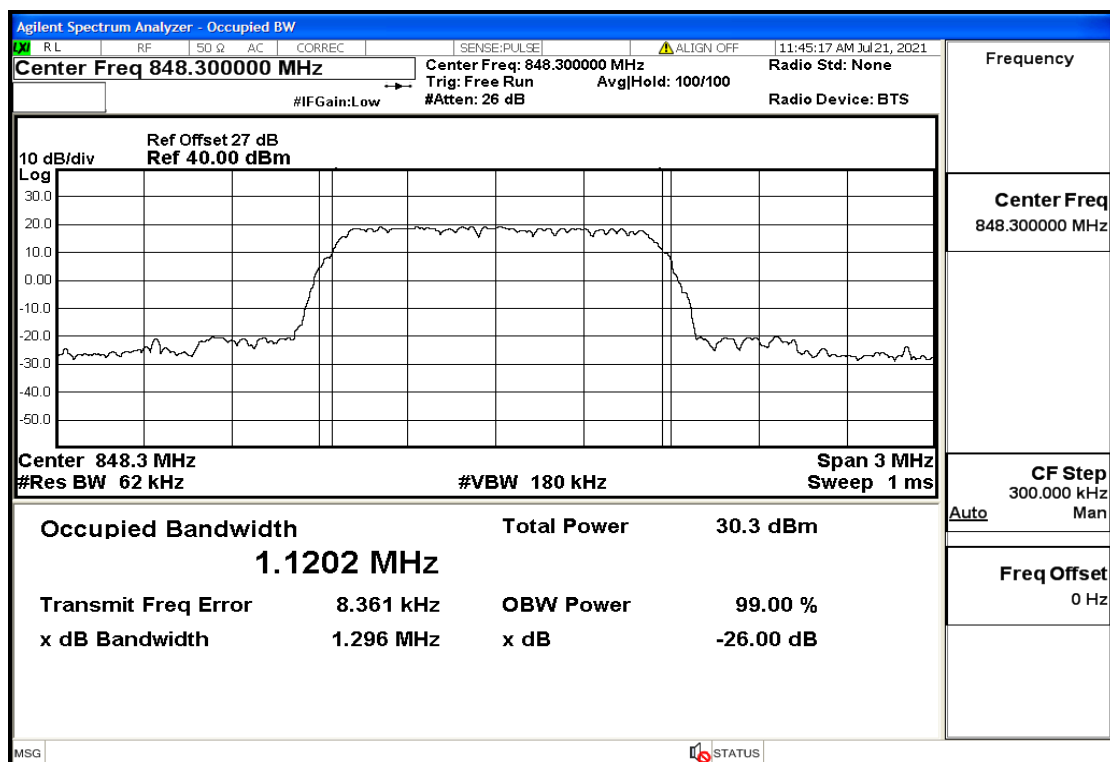
Band5-1.4-836.5-16QAM-6#LOW@26dB and 99PCT Bandwidth



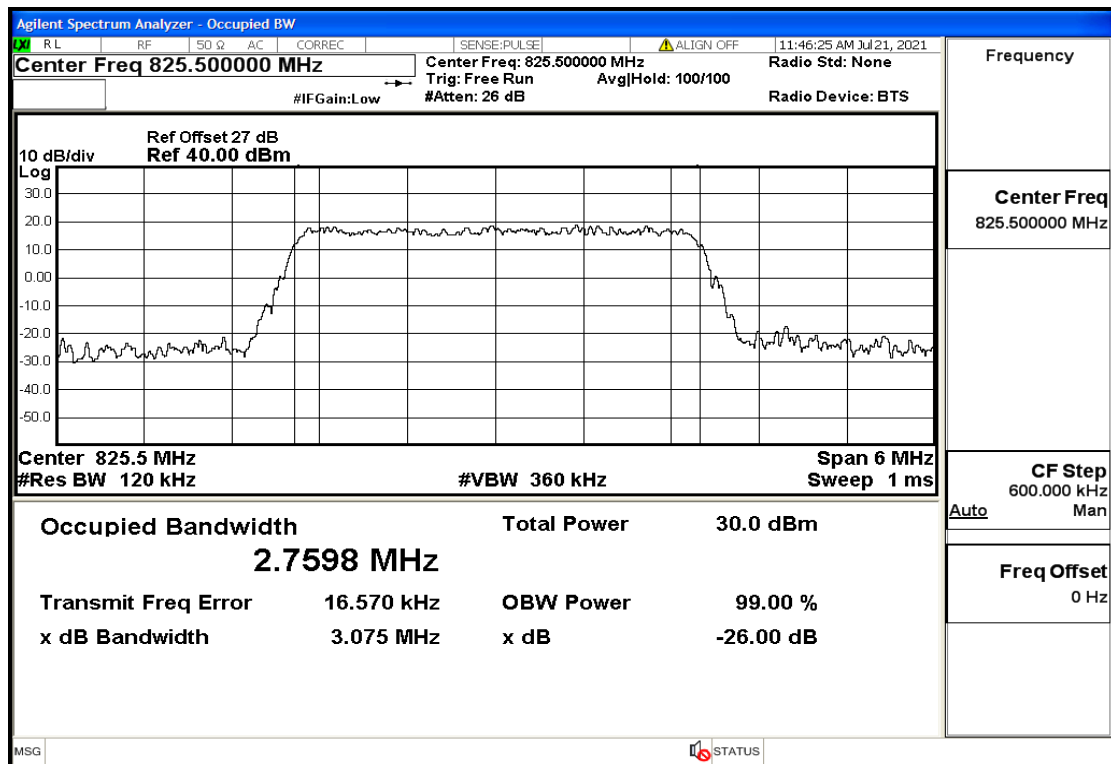
Band5-1.4-848.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



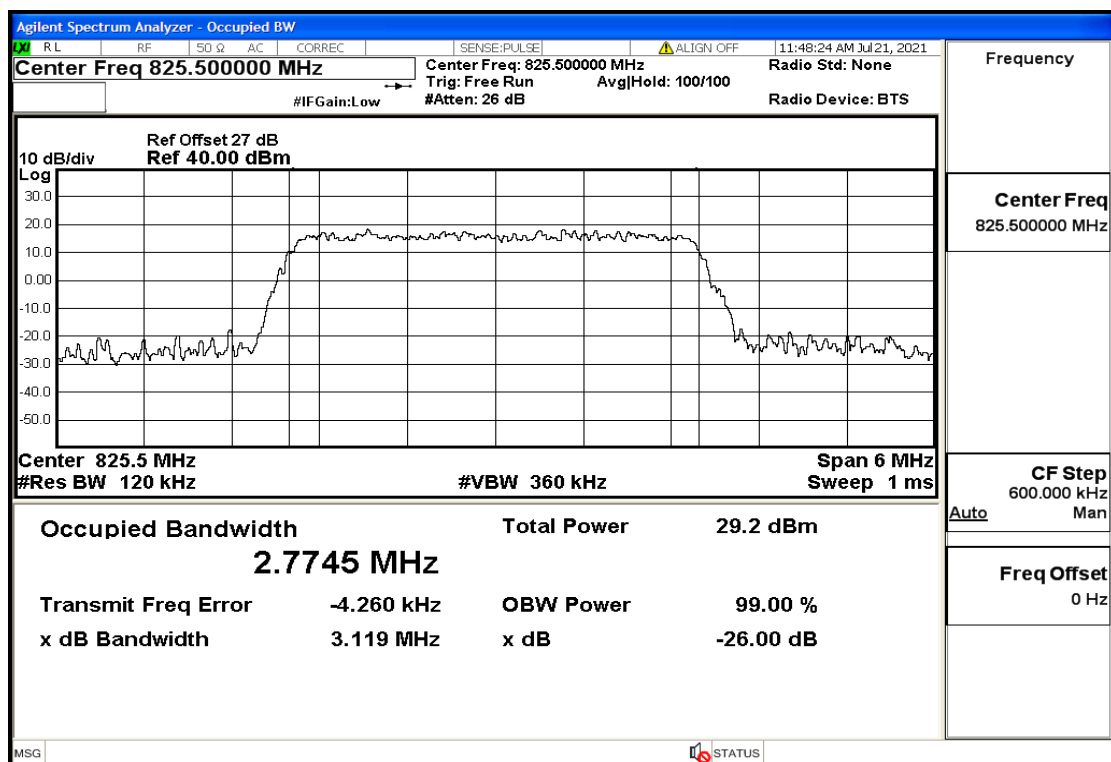
Band5-1.4-848.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



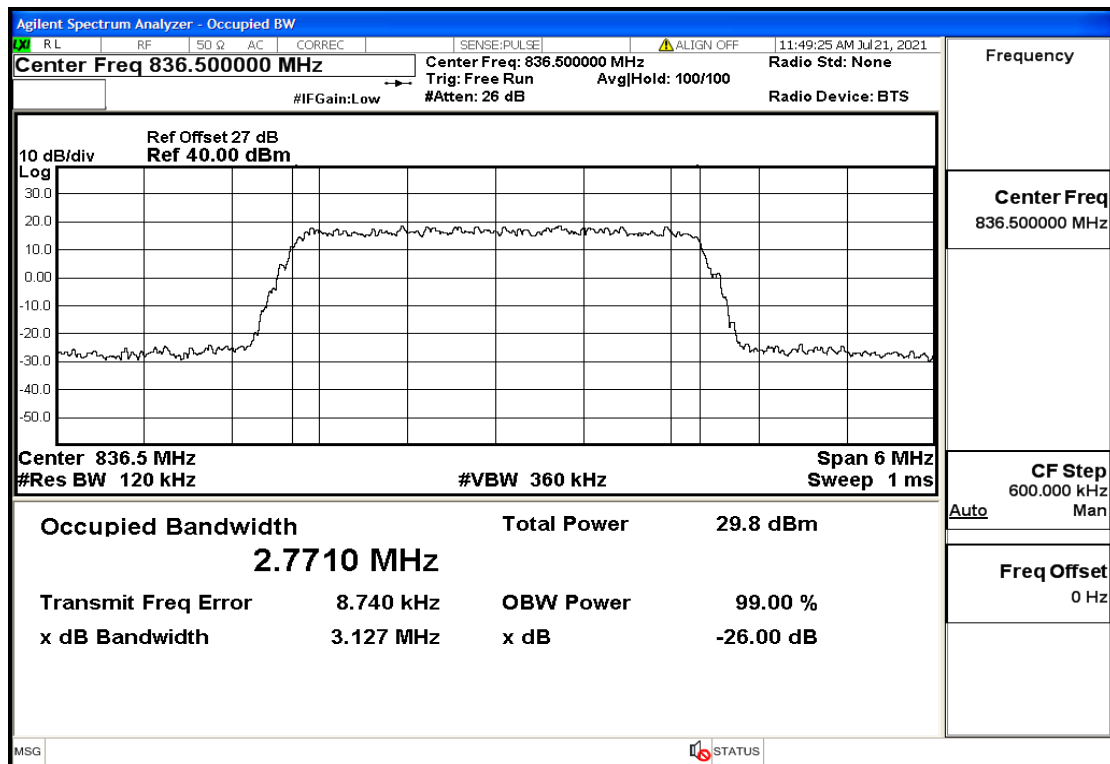
Band5-3-825.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



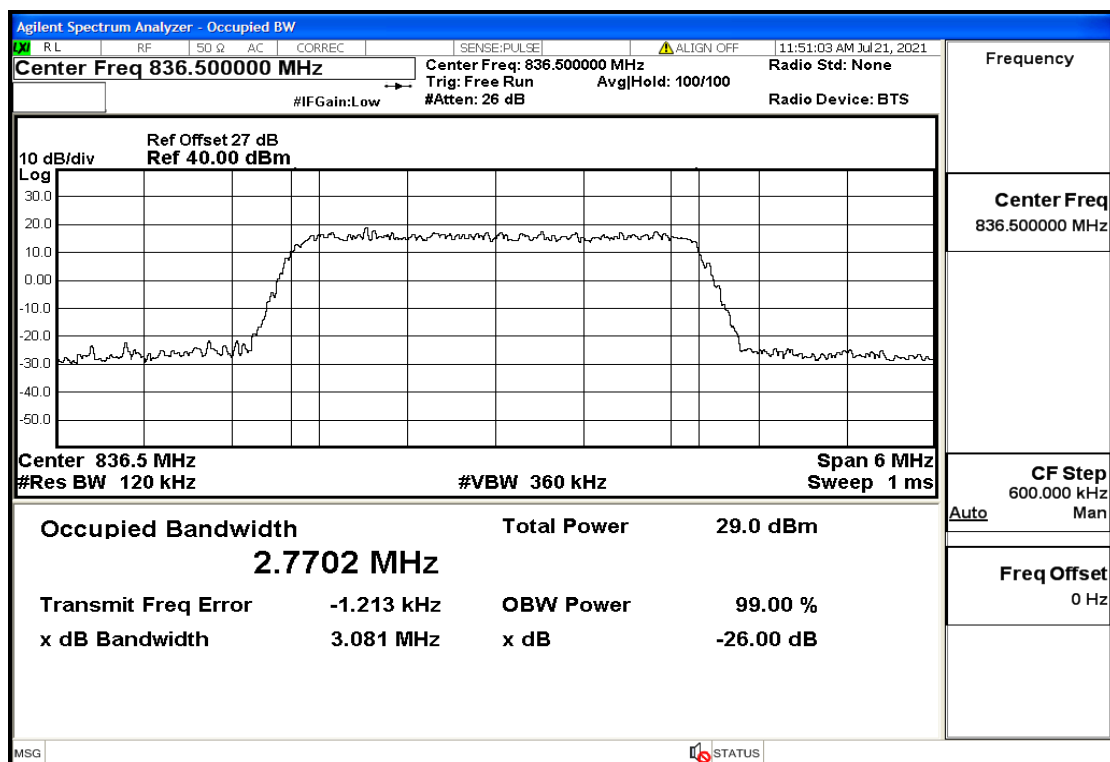
Band5-3-825.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



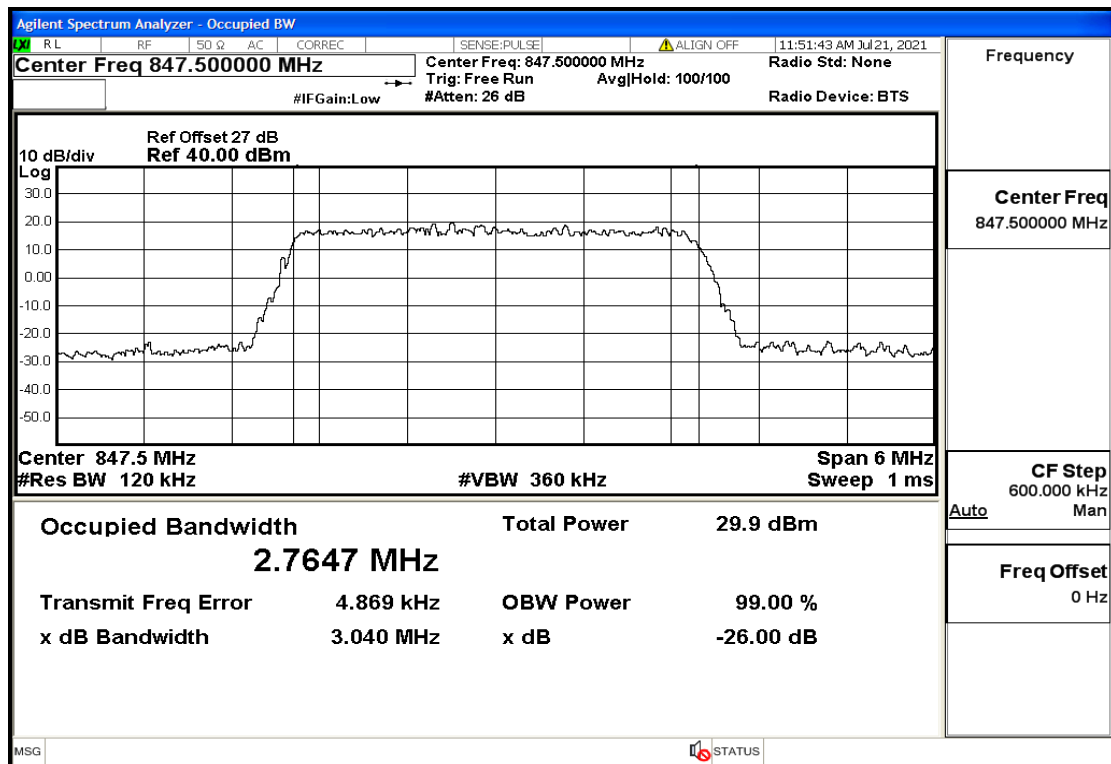
Band5-3-836.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



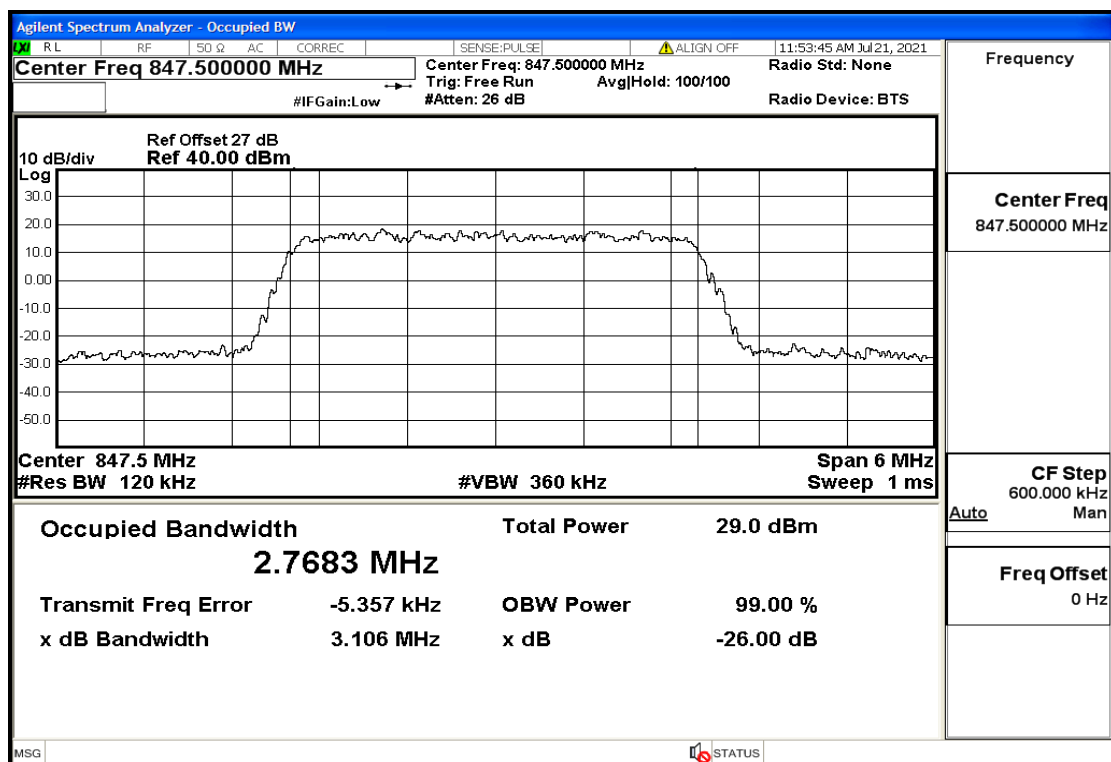
Band5-3-836.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



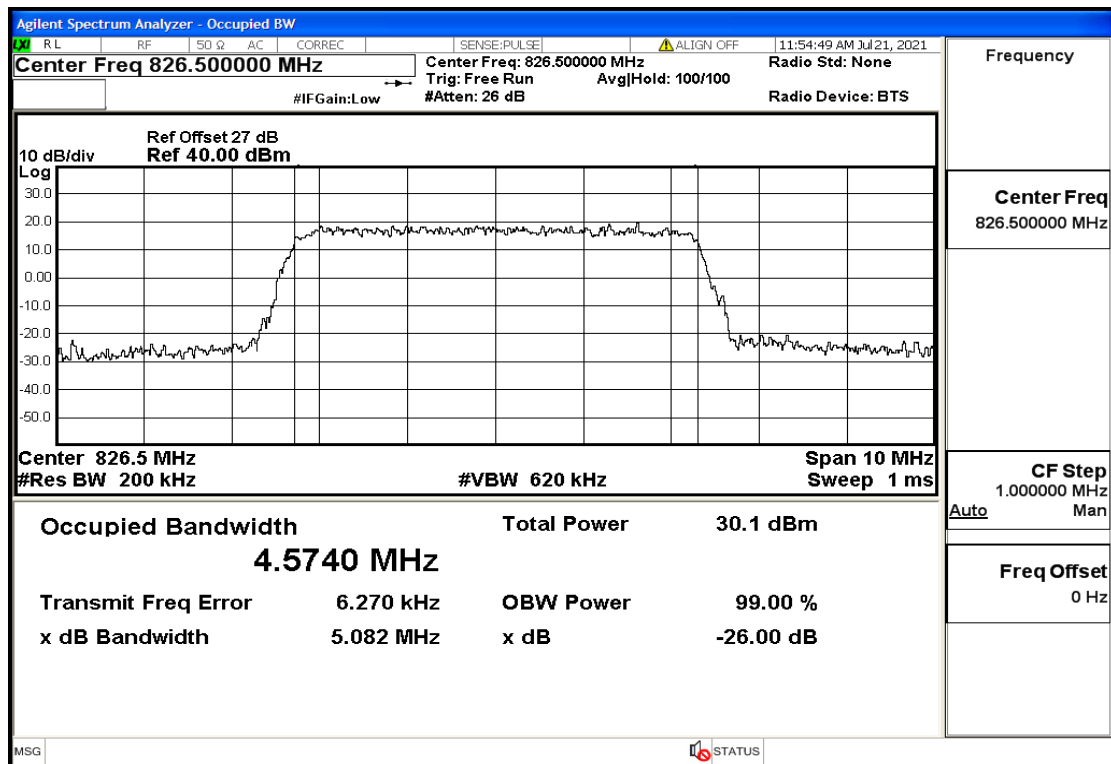
Band5-3-847.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



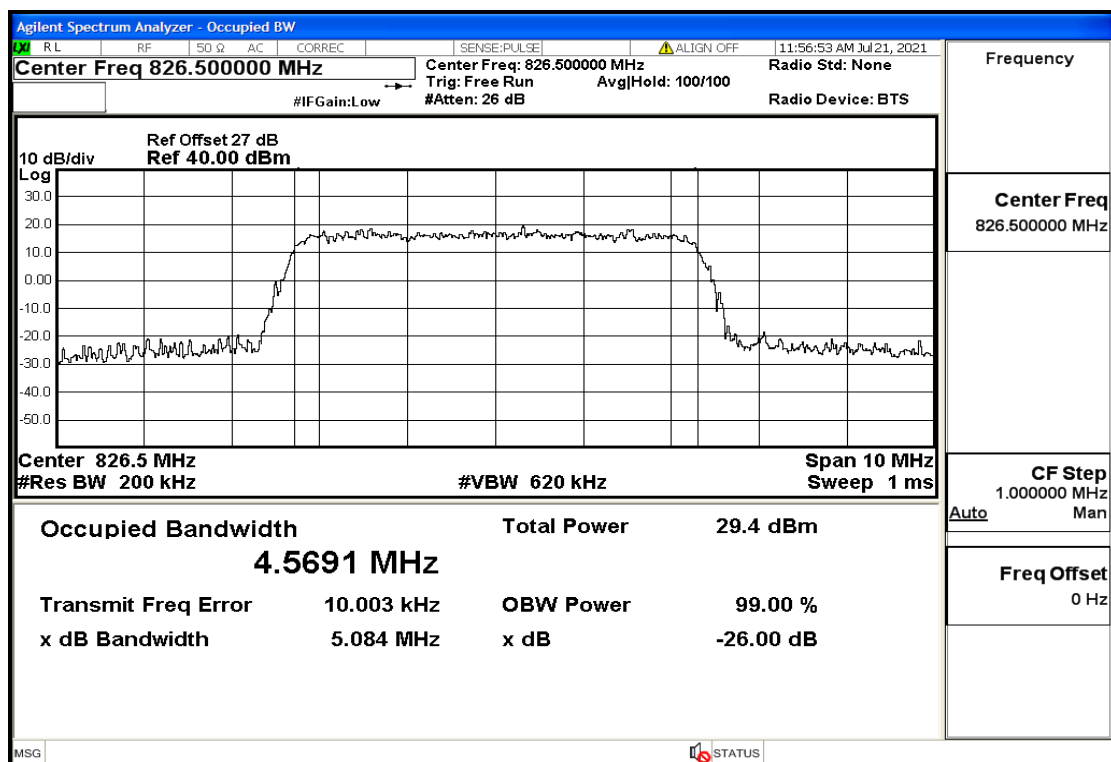
Band5-3-847.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



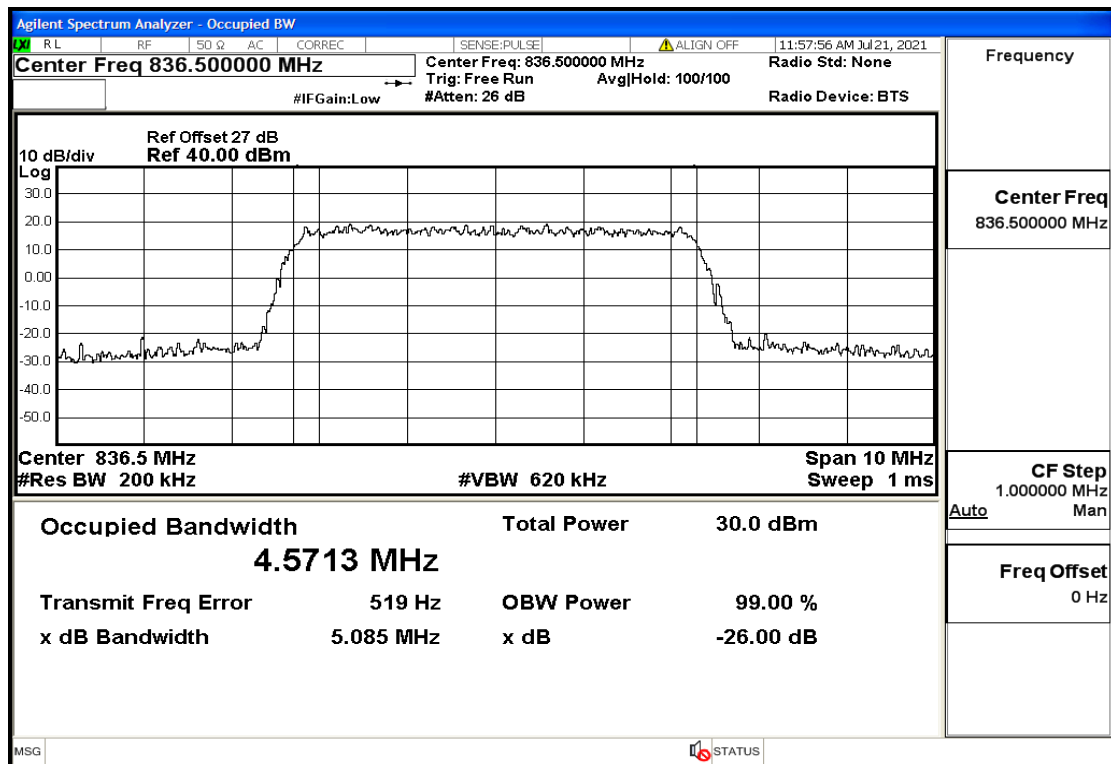
Band5-5-826.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



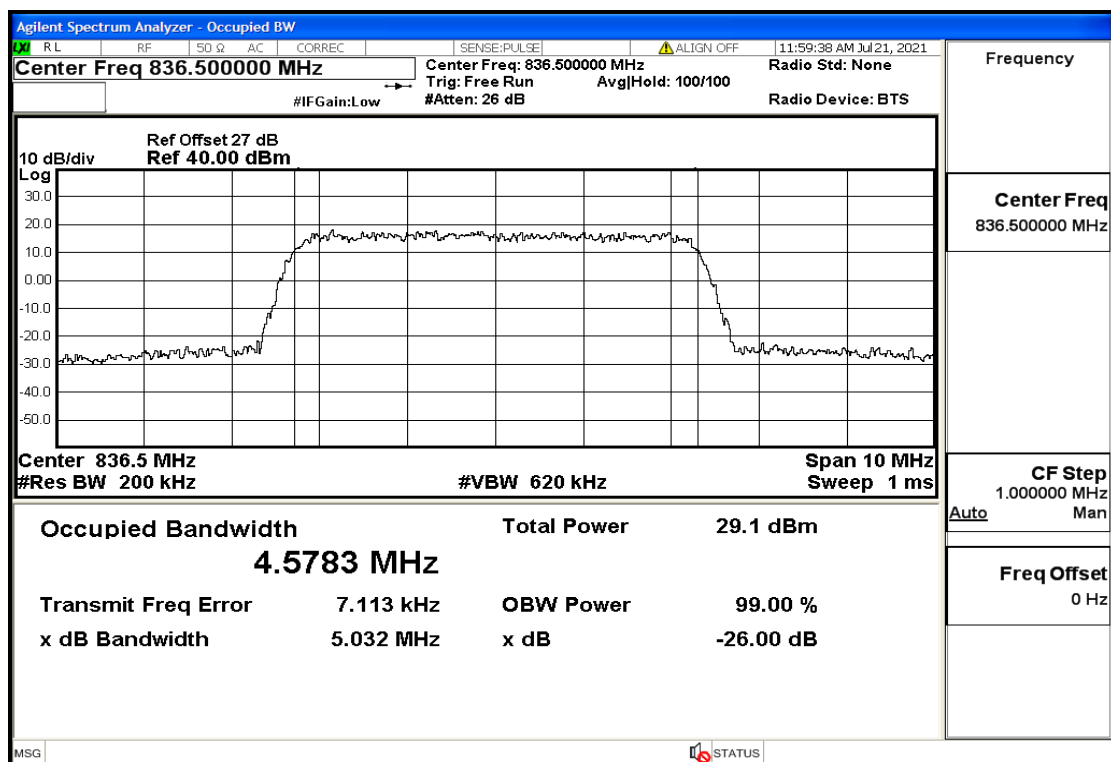
Band5-5-826.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



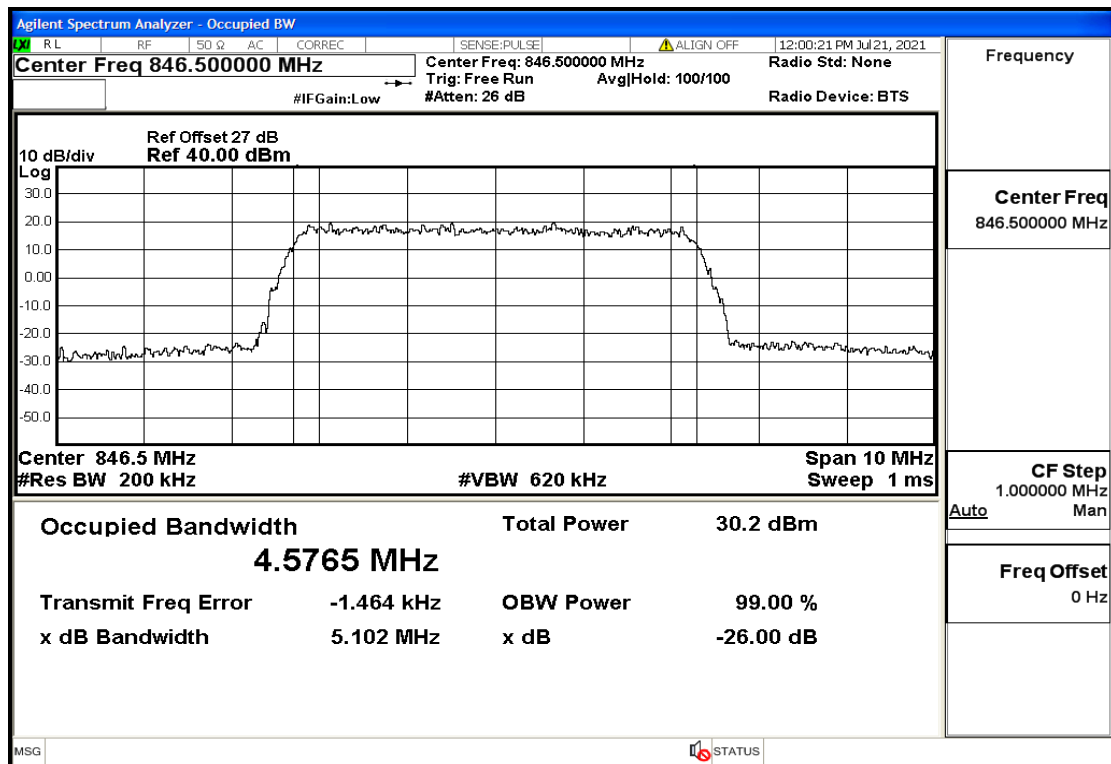
Band5-5-836.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



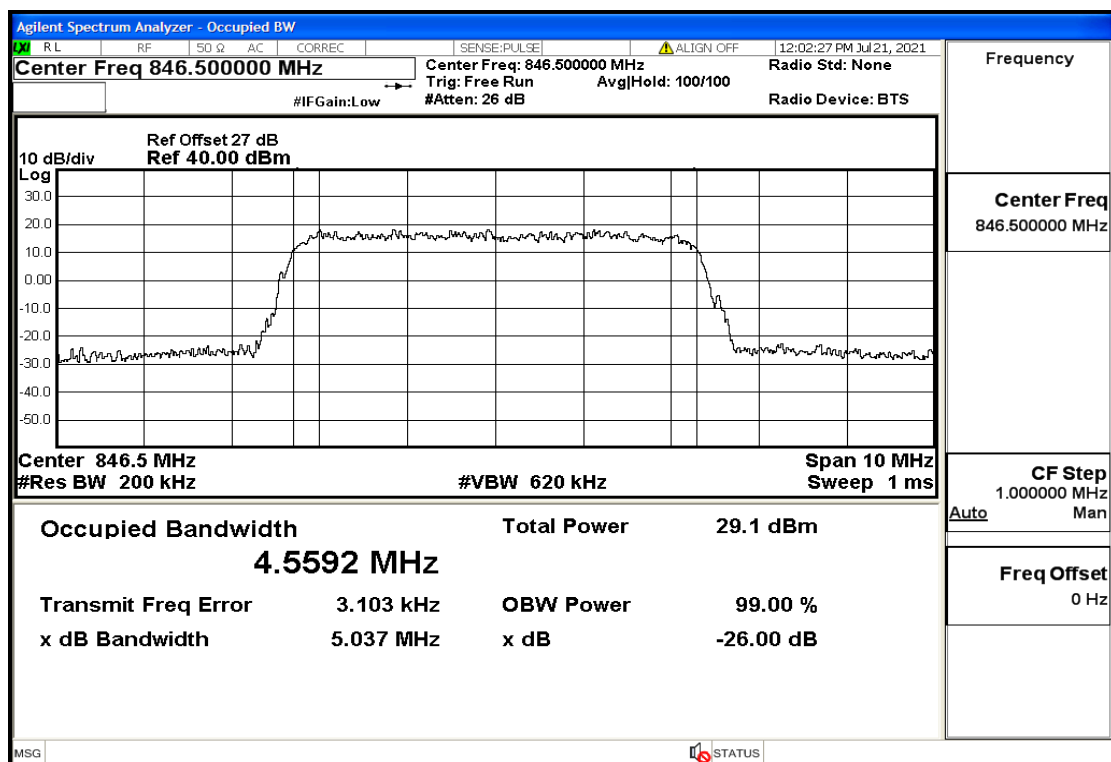
Band5-5-836.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



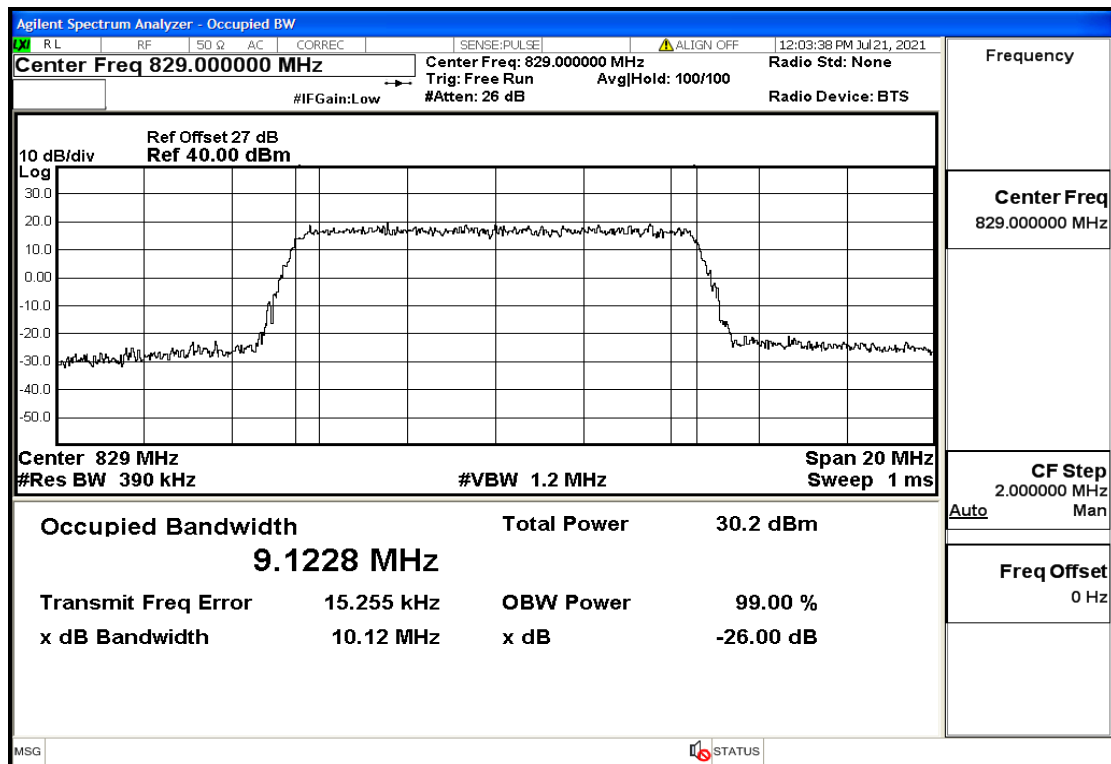
Band5-5-846.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



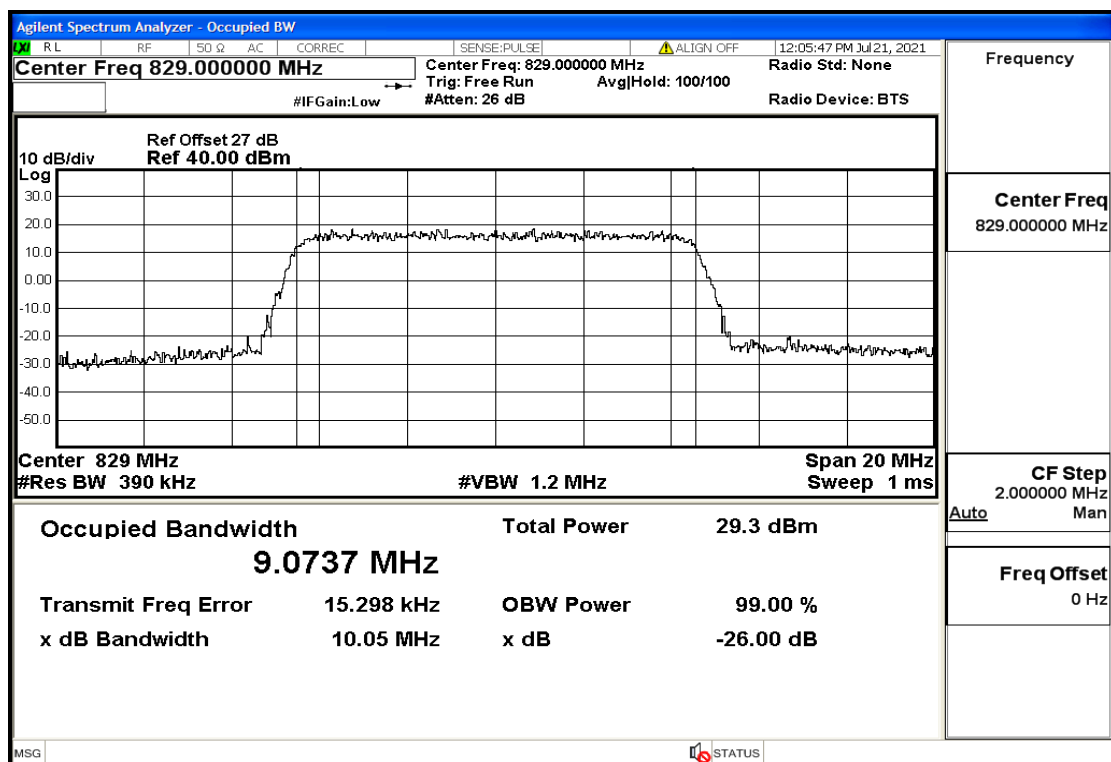
Band5-5-846.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



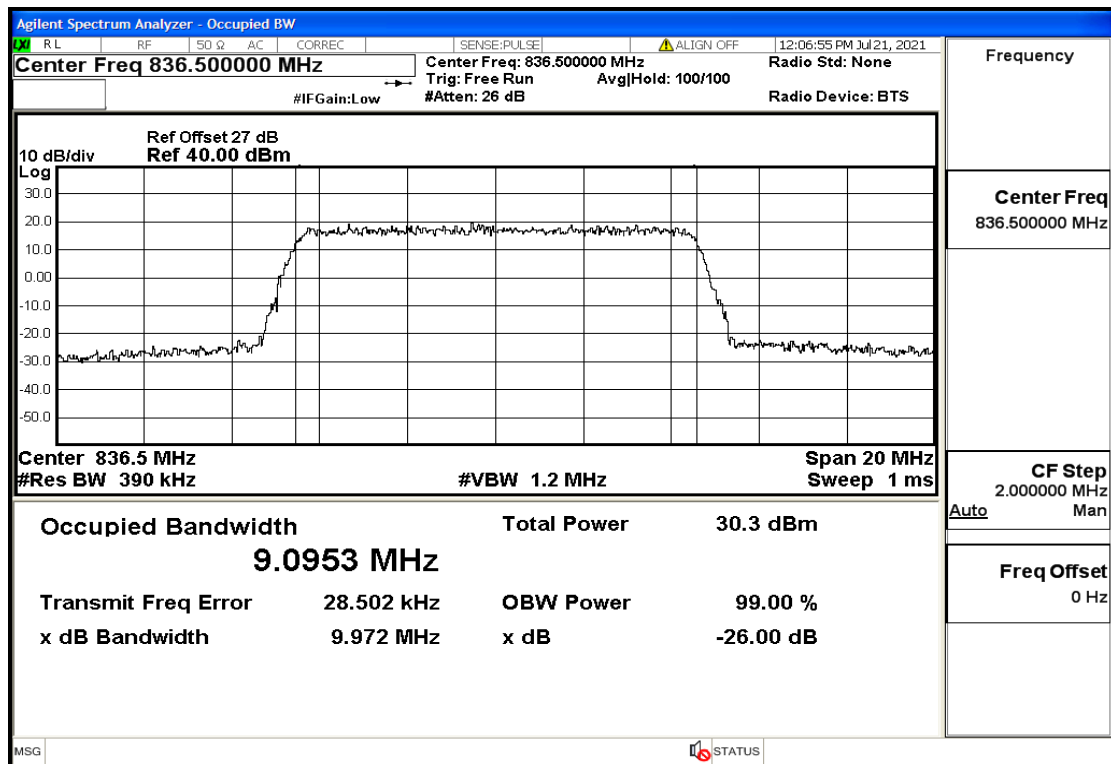
Band5-10-829-QPSK-50#LOW@26dB and 99PCT Bandwidth



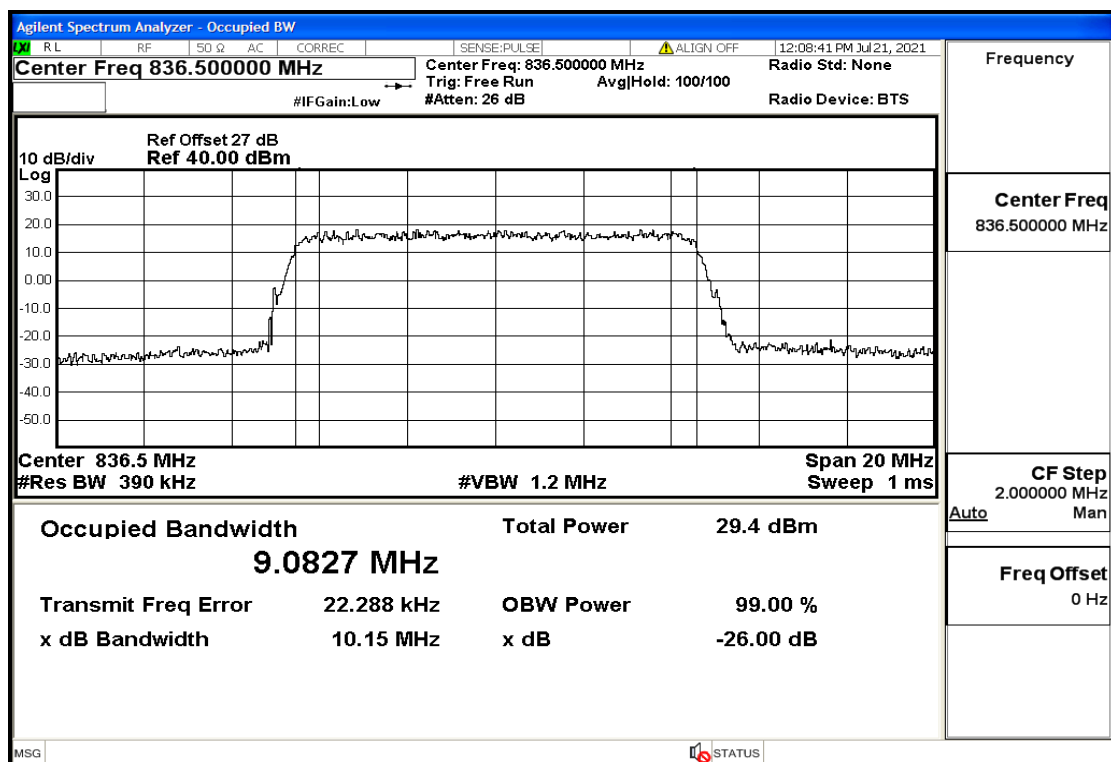
Band5-10-829-16QAM-50#LOW@26dB and 99PCT Bandwidth



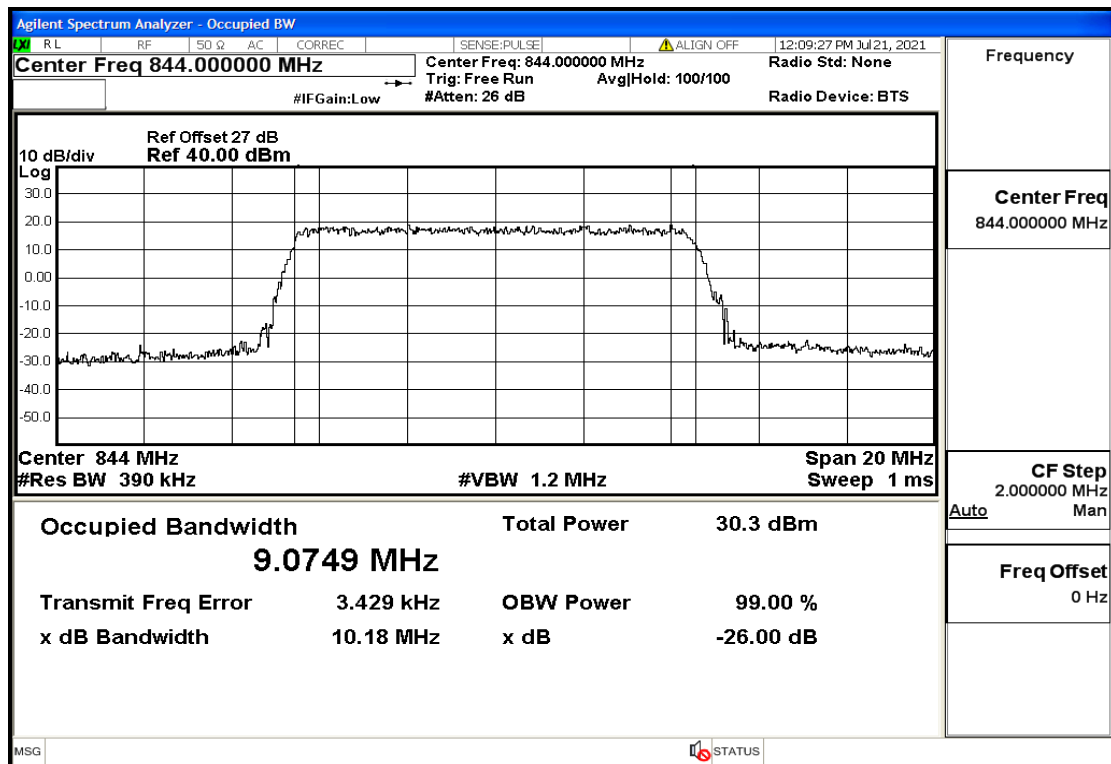
Band5-10-836.5-QPSK-50#LOW@26dB and 99PCT Bandwidth



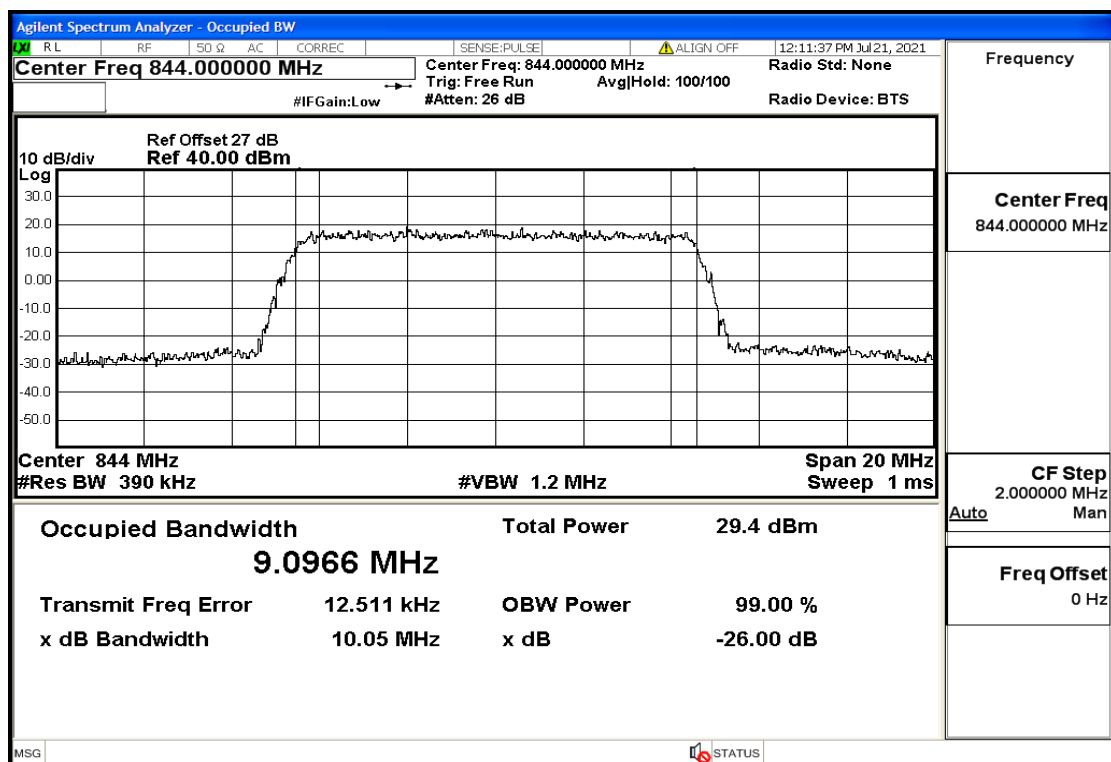
Band5-10-836.5-16QAM-50#LOW@26dB and 99PCT Bandwidth



Band5-10-844-QPSK-50#LOW@26dB and 99PCT Bandwidth



Band5-10-844-16QAM-50#LOW@26dB and 99PCT Bandwidth



Frequency Stability

Test Conditions		LTE Band 5(QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0679	PASS
40	Normal Voltage	0.0337	
30	Normal Voltage	0.0166	
20(Ref.)	Normal Voltage	0.0285	
10	Normal Voltage	0.0638	
0	Normal Voltage	0.0195	
-10	Normal Voltage	0.0468	
-20	Normal Voltage	0.0329	
-30	Normal Voltage	0.0191	
20	Maximum Voltage	0.0192	
20	Normal Voltage	0.0282	
20	Battery End Point	0.0611	

Peak and Average Power

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Average Power	Peak Power	Peak to Average(dB)	limit(dB)	AntGain(dBi)	ERP/EIRP(dBm)	Limit(dBm)	Conclusion
Band5	1.4	824.7	QPSK	6	LOW	22.58	28.75	6.17	13	-3.35	17.08	38.5	Pass
Band5	1.4	824.7	QPSK	3	LOW	23.55	29.04	5.49	13	-3.35	18.05	38.5	Pass
Band5	1.4	824.7	QPSK	3	MID	23.53	29.01	5.48	13	-3.35	18.03	38.5	Pass
Band5	1.4	824.7	QPSK	3	HIGH	23.5	28.95	5.45	13	-3.35	18	38.5	Pass
Band5	1.4	824.7	QPSK	1	LOW	23.53	28.64	5.11	13	-3.35	18.03	38.5	Pass
Band5	1.4	824.7	QPSK	1	MID	23.59	28.67	5.08	13	-3.35	18.09	38.5	Pass
Band5	1.4	824.7	QPSK	1	HIGH	23.6	28.7	5.1	13	-3.35	18.1	38.5	Pass
Band5	1.4	824.7	16QAM	6	LOW	22.09	29.17	7.08	13	-3.35	16.59	38.5	Pass
Band5	1.4	824.7	16QAM	3	LOW	22.93	28.69	5.76	13	-3.35	17.43	38.5	Pass
Band5	1.4	824.7	16QAM	3	MID	22.93	28.68	5.75	13	-3.35	17.43	38.5	Pass
Band5	1.4	824.7	16QAM	3	HIGH	22.92	28.67	5.75	13	-3.35	17.42	38.5	Pass
Band5	1.4	824.7	16QAM	1	LOW	23.43	28.6	5.17	13	-3.35	17.93	38.5	Pass
Band5	1.4	824.7	16QAM	1	MID	23.29	28.55	5.26	13	-3.35	17.79	38.5	Pass
Band5	1.4	824.7	16QAM	1	HIGH	23.34	28.59	5.25	13	-3.35	17.84	38.5	Pass
Band5	1.4	836.5	QPSK	6	LOW	22.67	28.48	5.81	13	-3.35	17.17	38.5	Pass
Band5	1.4	836.5	QPSK	3	LOW	23.59	29.25	5.66	13	-3.35	18.09	38.5	Pass
Band5	1.4	836.5	QPSK	3	MID	23.73	29.34	5.61	13	-3.35	18.23	38.5	Pass
Band5	1.4	836.5	QPSK	3	HIGH	23.67	29.24	5.57	13	-3.35	18.17	38.5	Pass
Band5	1.4	836.5	QPSK	1	LOW	23.64	29.03	5.39	13	-3.35	18.14	38.5	Pass
Band5	1.4	836.5	QPSK	1	MID	23.64	28.97	5.33	13	-3.35	18.14	38.5	Pass
Band5	1.4	836.5	QPSK	1	HIGH	23.66	29.08	5.42	13	-3.35	18.16	38.5	Pass
Band5	1.4	836.5	16QAM	6	LOW	21.7	28.58	6.88	13	-3.35	16.2	38.5	Pass
Band5	1.4	836.5	16QAM	3	LOW	22.65	29.26	6.61	13	-3.35	17.15	38.5	Pass
Band5	1.4	836.5	16QAM	3	MID	22.64	29.21	6.57	13	-3.35	17.14	38.5	Pass
Band5	1.4	836.5	16QAM	3	HIGH	22.61	29.37	6.76	13	-3.35	17.11	38.5	Pass
Band5	1.4	836.5	16QAM	1	LOW	23.35	28.28	4.93	13	-3.35	17.85	38.5	Pass
Band5	1.4	836.5	16QAM	1	MID	23.38	28.27	4.89	13	-3.35	17.88	38.5	Pass
Band5	1.4	836.5	16QAM	1	HIGH	23.4	28.32	4.92	13	-3.35	17.9	38.5	Pass
Band5	1.4	848.3	QPSK	6	LOW	22.71	28.66	5.95	13	-3.35	17.21	38.5	Pass
Band5	1.4	848.3	QPSK	3	LOW	23.8	29.42	5.62	13	-3.35	18.3	38.5	Pass
Band5	1.4	848.3	QPSK	3	MID	23.78	29.41	5.63	13	-3.35	18.28	38.5	Pass
Band5	1.4	848.3	QPSK	3	HIGH	23.84	29.35	5.51	13	-3.35	18.34	38.5	Pass
Band5	1.4	848.3	QPSK	1	LOW	23.92	29.27	5.35	13	-3.35	18.42	38.5	Pass
Band5	1.4	848.3	QPSK	1	MID	23.87	28.84	4.97	13	-3.35	18.37	38.5	Pass
Band5	1.4	848.3	QPSK	1	HIGH	23.83	28.84	5.01	13	-3.35	18.33	38.5	Pass
Band5	1.4	848.3	16QAM	6	LOW	21.89	28.86	6.97	13	-3.35	16.39	38.5	Pass
Band5	1.4	848.3	16QAM	3	LOW	22.36	29.04	6.68	13	-3.35	16.86	38.5	Pass
Band5	1.4	848.3	16QAM	3	MID	22.35	29.05	6.7	13	-3.35	16.85	38.5	Pass
Band5	1.4	848.3	16QAM	3	HIGH	22.53	29.12	6.59	13	-3.35	17.03	38.5	Pass
Band5	1.4	848.3	16QAM	1	LOW	22.39	27.66	5.27	13	-3.35	16.89	38.5	Pass

Band5	1.4	848.3	16QAM	1	MID	22.41	27.69	5.28	13	-3.35	16.91	38.5	Pass
Band5	1.4	848.3	16QAM	1	HIGH	22.49	27.76	5.27	13	-3.35	16.99	38.5	Pass
Band5	3	825.5	QPSK	15	LOW	22.6	28.61	6.01	13	-3.35	17.1	38.5	Pass
Band5	3	825.5	QPSK	8	LOW	22.53	28.32	5.79	13	-3.35	17.03	38.5	Pass
Band5	3	825.5	QPSK	8	MID	22.53	28.31	5.78	13	-3.35	17.03	38.5	Pass
Band5	3	825.5	QPSK	8	HIGH	22.54	28.46	5.92	13	-3.35	17.04	38.5	Pass
Band5	3	825.5	QPSK	1	LOW	23.46	28.22	4.76	13	-3.35	17.96	38.5	Pass
Band5	3	825.5	QPSK	1	MID	23.46	28.24	4.78	13	-3.35	17.96	38.5	Pass
Band5	3	825.5	QPSK	1	HIGH	23.51	28.29	4.78	13	-3.35	18.01	38.5	Pass
Band5	3	825.5	16QAM	15	LOW	22.01	29.09	7.08	13	-3.35	16.51	38.5	Pass
Band5	3	825.5	16QAM	8	LOW	22.25	28.81	6.56	13	-3.35	16.75	38.5	Pass
Band5	3	825.5	16QAM	8	MID	22.39	28.89	6.5	13	-3.35	16.89	38.5	Pass
Band5	3	825.5	16QAM	8	HIGH	22.27	28.78	6.51	13	-3.35	16.77	38.5	Pass
Band5	3	825.5	16QAM	1	LOW	23.16	28.82	5.66	13	-3.35	17.66	38.5	Pass
Band5	3	825.5	16QAM	1	MID	23.03	28.84	5.81	13	-3.35	17.53	38.5	Pass
Band5	3	825.5	16QAM	1	HIGH	23	28.82	5.82	13	-3.35	17.5	38.5	Pass
Band5	3	836.5	QPSK	15	LOW	22.58	29.01	6.43	13	-3.35	17.08	38.5	Pass
Band5	3	836.5	QPSK	8	LOW	22.55	28.83	6.28	13	-3.35	17.05	38.5	Pass
Band5	3	836.5	QPSK	8	MID	22.55	28.82	6.27	13	-3.35	17.05	38.5	Pass
Band5	3	836.5	QPSK	8	HIGH	22.61	28.88	6.27	13	-3.35	17.11	38.5	Pass
Band5	3	836.5	QPSK	1	LOW	23.68	29.04	5.36	13	-3.35	18.18	38.5	Pass
Band5	3	836.5	QPSK	1	MID	23.61	28.97	5.36	13	-3.35	18.11	38.5	Pass
Band5	3	836.5	QPSK	1	HIGH	23.65	29.03	5.38	13	-3.35	18.15	38.5	Pass
Band5	3	836.5	16QAM	15	LOW	21.64	29.28	7.64	13	-3.35	16.14	38.5	Pass
Band5	3	836.5	16QAM	8	LOW	22.19	28.85	6.66	13	-3.35	16.69	38.5	Pass
Band5	3	836.5	16QAM	8	MID	22.19	28.86	6.67	13	-3.35	16.69	38.5	Pass
Band5	3	836.5	16QAM	8	HIGH	21.71	28.23	6.52	13	-3.35	16.21	38.5	Pass
Band5	3	836.5	16QAM	1	LOW	23.5	29	5.5	13	-3.35	18	38.5	Pass
Band5	3	836.5	16QAM	1	MID	23.48	28.89	5.41	13	-3.35	17.98	38.5	Pass
Band5	3	836.5	16QAM	1	HIGH	23.39	28.42	5.03	13	-3.35	17.89	38.5	Pass
Band5	3	847.5	QPSK	15	LOW	22.71	29.99	7.28	13	-3.35	17.21	38.5	Pass
Band5	3	847.5	QPSK	8	LOW	22.79	29.07	6.28	13	-3.35	17.29	38.5	Pass
Band5	3	847.5	QPSK	8	MID	22.79	29.13	6.34	13	-3.35	17.29	38.5	Pass
Band5	3	847.5	QPSK	8	HIGH	22.84	28.94	6.1	13	-3.35	17.34	38.5	Pass
Band5	3	847.5	QPSK	1	LOW	23.73	28.83	5.1	13	-3.35	18.23	38.5	Pass
Band5	3	847.5	QPSK	1	MID	23.81	28.82	5.01	13	-3.35	18.31	38.5	Pass
Band5	3	847.5	QPSK	1	HIGH	23.84	28.84	5	13	-3.35	18.34	38.5	Pass
Band5	3	847.5	16QAM	15	LOW	21.74	28.64	6.9	13	-3.35	16.24	38.5	Pass
Band5	3	847.5	16QAM	8	LOW	21.98	28.76	6.78	13	-3.35	16.48	38.5	Pass
Band5	3	847.5	16QAM	8	MID	21.98	28.24	6.26	13	-3.35	16.48	38.5	Pass
Band5	3	847.5	16QAM	8	HIGH	21.96	28.63	6.67	13	-3.35	16.46	38.5	Pass
Band5	3	847.5	16QAM	1	LOW	22.68	27.93	5.25	13	-3.35	17.18	38.5	Pass
Band5	3	847.5	16QAM	1	MID	22.48	27.7	5.22	13	-3.35	16.98	38.5	Pass
Band5	3	847.5	16QAM	1	HIGH	22.61	27.83	5.22	13	-3.35	17.11	38.5	Pass
Band5	5	826.5	QPSK	25	LOW	22.63	28.86	6.23	13	-3.35	17.13	38.5	Pass
Band5	5	826.5	QPSK	12	LOW	22.56	28.46	5.9	13	-3.35	17.06	38.5	Pass

Band5	5	826.5	QPSK	12	MID	22.57	28.46	5.89	13	-3.35	17.07	38.5	Pass
Band5	5	826.5	QPSK	12	HIGH	22.46	28.46	6	13	-3.35	16.96	38.5	Pass
Band5	5	826.5	QPSK	1	LOW	23.43	28.85	5.42	13	-3.35	17.93	38.5	Pass
Band5	5	826.5	QPSK	1	MID	23.55	28.99	5.44	13	-3.35	18.05	38.5	Pass
Band5	5	826.5	QPSK	1	HIGH	23.68	29.16	5.48	13	-3.35	18.18	38.5	Pass
Band5	5	826.5	16QAM	25	LOW	21.97	29.02	7.05	13	-3.35	16.47	38.5	Pass
Band5	5	826.5	16QAM	12	LOW	21.99	28.98	6.99	13	-3.35	16.49	38.5	Pass
Band5	5	826.5	16QAM	12	MID	21.99	29.02	7.03	13	-3.35	16.49	38.5	Pass
Band5	5	826.5	16QAM	12	HIGH	22.01	29.13	7.12	13	-3.35	16.51	38.5	Pass
Band5	5	826.5	16QAM	1	LOW	21.97	27.63	5.66	13	-3.35	16.47	38.5	Pass
Band5	5	826.5	16QAM	1	MID	21.97	27.66	5.69	13	-3.35	16.47	38.5	Pass
Band5	5	826.5	16QAM	1	HIGH	22.07	27.8	5.73	13	-3.35	16.57	38.5	Pass
Band5	5	836.5	QPSK	25	LOW	22.6	29.29	6.69	13	-3.35	17.1	38.5	Pass
Band5	5	836.5	QPSK	12	LOW	22.53	28.99	6.46	13	-3.35	17.03	38.5	Pass
Band5	5	836.5	QPSK	12	MID	22.53	28.96	6.43	13	-3.35	17.03	38.5	Pass
Band5	5	836.5	QPSK	12	HIGH	22.47	29.09	6.62	13	-3.35	16.97	38.5	Pass
Band5	5	836.5	QPSK	1	LOW	23.9	29.42	5.52	13	-3.35	18.4	38.5	Pass
Band5	5	836.5	QPSK	1	MID	23.67	28.95	5.28	13	-3.35	18.17	38.5	Pass
Band5	5	836.5	QPSK	1	HIGH	23.68	29.01	5.33	13	-3.35	18.18	38.5	Pass
Band5	5	836.5	16QAM	25	LOW	21.71	29.62	7.91	13	-3.35	16.21	38.5	Pass
Band5	5	836.5	16QAM	12	LOW	22.15	28.97	6.82	13	-3.35	16.65	38.5	Pass
Band5	5	836.5	16QAM	12	MID	22.15	29.01	6.86	13	-3.35	16.65	38.5	Pass
Band5	5	836.5	16QAM	12	HIGH	21.8	28.56	6.76	13	-3.35	16.3	38.5	Pass
Band5	5	836.5	16QAM	1	LOW	22.9	28.74	5.84	13	-3.35	17.4	38.5	Pass
Band5	5	836.5	16QAM	1	MID	22.87	28.75	5.88	13	-3.35	17.37	38.5	Pass
Band5	5	836.5	16QAM	1	HIGH	22.88	28.75	5.87	13	-3.35	17.38	38.5	Pass
Band5	5	846.5	QPSK	25	LOW	22.8	28.87	6.07	13	-3.35	17.3	38.5	Pass
Band5	5	846.5	QPSK	12	LOW	22.86	28.71	5.85	13	-3.35	17.36	38.5	Pass
Band5	5	846.5	QPSK	12	MID	22.86	28.85	5.99	13	-3.35	17.36	38.5	Pass
Band5	5	846.5	QPSK	12	HIGH	22.79	28.72	5.93	13	-3.35	17.29	38.5	Pass
Band5	5	846.5	QPSK	1	LOW	23.7	29.1	5.4	13	-3.35	18.2	38.5	Pass
Band5	5	846.5	QPSK	1	MID	23.64	29	5.36	13	-3.35	18.14	38.5	Pass
Band5	5	846.5	QPSK	1	HIGH	23.77	29.01	5.24	13	-3.35	18.27	38.5	Pass
Band5	5	846.5	16QAM	25	LOW	21.57	28.91	7.34	13	-3.35	16.07	38.5	Pass
Band5	5	846.5	16QAM	12	LOW	21.75	28.74	6.99	13	-3.35	16.25	38.5	Pass
Band5	5	846.5	16QAM	12	MID	21.64	28.66	7.02	13	-3.35	16.14	38.5	Pass
Band5	5	846.5	16QAM	12	HIGH	21.55	28.59	7.04	13	-3.35	16.05	38.5	Pass
Band5	5	846.5	16QAM	1	LOW	22.41	28.88	6.47	13	-3.35	16.91	38.5	Pass
Band5	5	846.5	16QAM	1	MID	22.4	28.78	6.38	13	-3.35	16.9	38.5	Pass
Band5	5	846.5	16QAM	1	HIGH	22.45	28.82	6.37	13	-3.35	16.95	38.5	Pass
Band5	10	829	QPSK	50	LOW	22.55	28.64	6.09	13	-3.35	17.05	38.5	Pass
Band5	10	829	QPSK	25	LOW	22.49	28.61	6.12	13	-3.35	16.99	38.5	Pass
Band5	10	829	QPSK	25	MID	22.5	28.66	6.16	13	-3.35	17	38.5	Pass
Band5	10	829	QPSK	25	HIGH	22.65	29.1	6.45	13	-3.35	17.15	38.5	Pass
Band5	10	829	QPSK	1	LOW	23.39	28.18	4.79	13	-3.35	17.89	38.5	Pass
Band5	10	829	QPSK	1	MID	23.56	28.47	4.91	13	-3.35	18.06	38.5	Pass

Band5	10	829	QPSK	1	HIGH	23.57	28.61	5.04	13	-3.35	18.07	38.5	Pass
Band5	10	829	16QAM	50	LOW	21.47	29.14	7.67	13	-3.35	15.97	38.5	Pass
Band5	10	829	16QAM	25	LOW	21.94	28.89	6.95	13	-3.35	16.44	38.5	Pass
Band5	10	829	16QAM	25	MID	21.94	28.92	6.98	13	-3.35	16.44	38.5	Pass
Band5	10	829	16QAM	25	HIGH	21.85	29.08	7.23	13	-3.35	16.35	38.5	Pass
Band5	10	829	16QAM	1	LOW	22.81	28.7	5.89	13	-3.35	17.31	38.5	Pass
Band5	10	829	16QAM	1	MID	22.9	28.95	6.05	13	-3.35	17.4	38.5	Pass
Band5	10	829	16QAM	1	HIGH	22.93	29.16	6.23	13	-3.35	17.43	38.5	Pass
Band5	10	836.5	QPSK	50	LOW	22.61	29.07	6.46	13	-3.35	17.11	38.5	Pass
Band5	10	836.5	QPSK	25	LOW	22.55	28.85	6.3	13	-3.35	17.05	38.5	Pass
Band5	10	836.5	QPSK	25	MID	22.56	28.95	6.39	13	-3.35	17.06	38.5	Pass
Band5	10	836.5	QPSK	25	HIGH	22.73	29.14	6.41	13	-3.35	17.23	38.5	Pass
Band5	10	836.5	QPSK	1	LOW	23.74	28.95	5.21	13	-3.35	18.24	38.5	Pass
Band5	10	836.5	QPSK	1	MID	23.78	29.09	5.31	13	-3.35	18.28	38.5	Pass
Band5	10	836.5	QPSK	1	HIGH	23.96	29.21	5.25	13	-3.35	18.46	38.5	Pass
Band5	10	836.5	16QAM	50	LOW	21.66	28.91	7.25	13	-3.35	16.16	38.5	Pass
Band5	10	836.5	16QAM	25	LOW	22.15	29.6	7.45	13	-3.35	16.65	38.5	Pass
Band5	10	836.5	16QAM	25	MID	22.15	29.59	7.44	13	-3.35	16.65	38.5	Pass
Band5	10	836.5	16QAM	25	HIGH	21.83	29.46	7.63	13	-3.35	16.33	38.5	Pass
Band5	10	836.5	16QAM	1	LOW	22.95	28.71	5.76	13	-3.35	17.45	38.5	Pass
Band5	10	836.5	16QAM	1	MID	22.89	27.84	4.95	13	-3.35	17.39	38.5	Pass
Band5	10	836.5	16QAM	1	HIGH	22.93	28.79	5.86	13	-3.35	17.43	38.5	Pass
Band5	10	844	QPSK	50	LOW	22.7	29.1	6.4	13	-3.35	17.2	38.5	Pass
Band5	10	844	QPSK	25	LOW	22.5	29.45	6.95	13	-3.35	17	38.5	Pass
Band5	10	844	QPSK	25	MID	22.5	29.31	6.81	13	-3.35	17	38.5	Pass
Band5	10	844	QPSK	25	HIGH	22.78	29.55	6.77	13	-3.35	17.28	38.5	Pass
Band5	10	844	QPSK	1	LOW	23.6	28.88	5.28	13	-3.35	18.1	38.5	Pass
Band5	10	844	QPSK	1	MID	23.65	28.84	5.19	13	-3.35	18.15	38.5	Pass
Band5	10	844	QPSK	1	HIGH	23.71	28.81	5.1	13	-3.35	18.21	38.5	Pass
Band5	10	844	16QAM	50	LOW	21.7	29.42	7.72	13	-3.35	16.2	38.5	Pass
Band5	10	844	16QAM	25	LOW	21.8	29.08	7.28	13	-3.35	16.3	38.5	Pass
Band5	10	844	16QAM	25	MID	21.8	29.12	7.32	13	-3.35	16.3	38.5	Pass
Band5	10	844	16QAM	25	HIGH	21.83	29.02	7.19	13	-3.35	16.33	38.5	Pass
Band5	10	844	16QAM	1	LOW	22.36	27.68	5.32	13	-3.35	16.86	38.5	Pass
Band5	10	844	16QAM	1	MID	22.47	27.74	5.27	13	-3.35	16.97	38.5	Pass
Band5	10	844	16QAM	1	HIGH	22.45	27.72	5.27	13	-3.35	16.95	38.5	Pass