

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

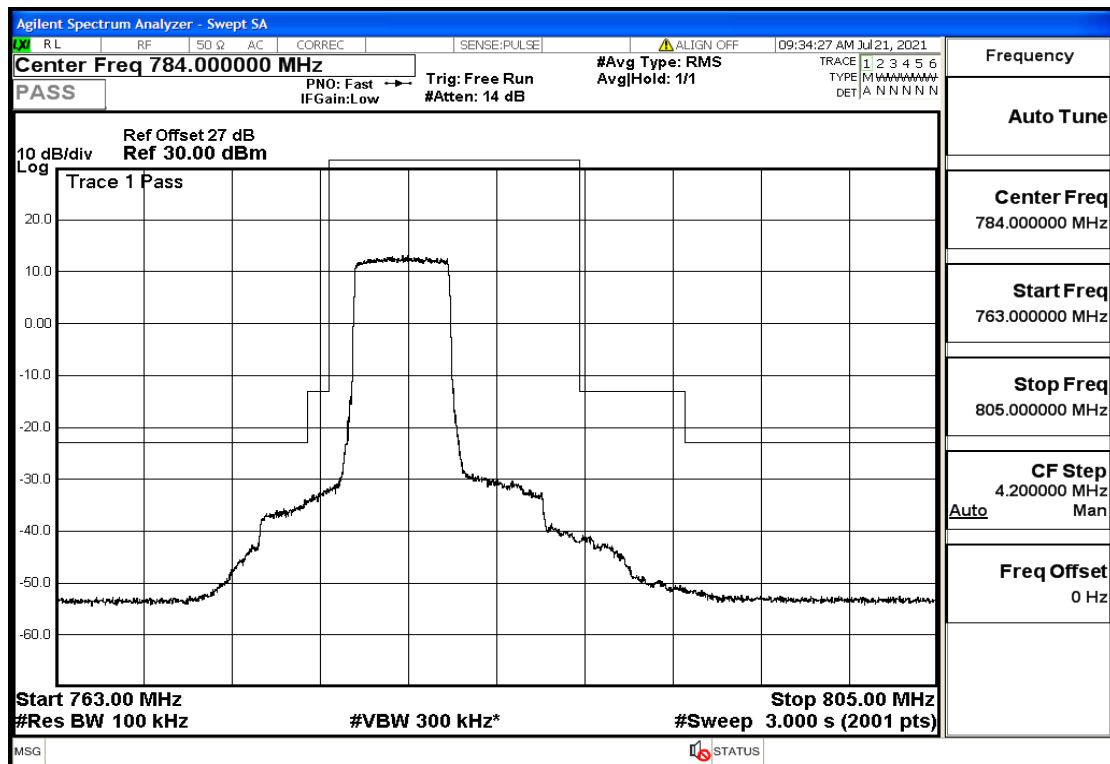
Environmental Conditions

Temperature:	23.8℃
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
Remark:	For LTE Band13

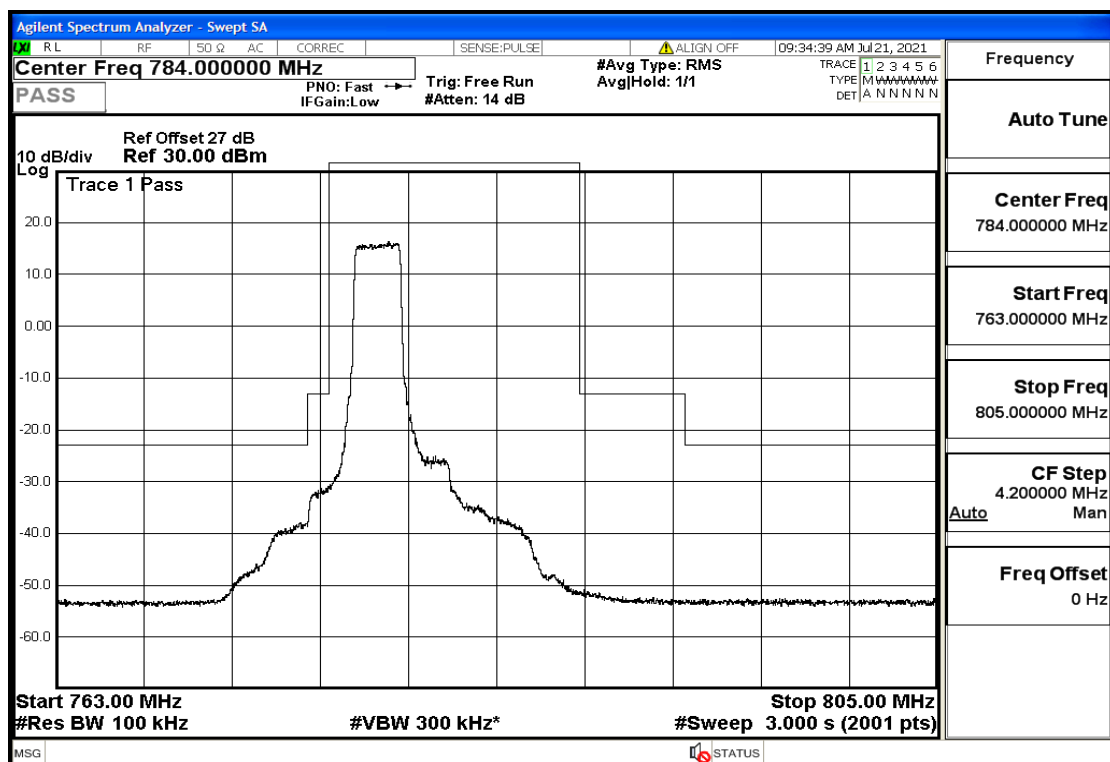
Band Edge and Emission Mask

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Conclusion
Band13	5	779.5	QPSK	25	LOW	Pass
Band13	5	779.5	QPSK	12	LOW	Pass
Band13	5	779.5	QPSK	1	LOW	Pass
Band13	5	779.5	16QAM	25	LOW	Pass
Band13	5	779.5	16QAM	12	LOW	Pass
Band13	5	779.5	16QAM	1	LOW	Pass
Band13	5	784.5	QPSK	25	LOW	Pass
Band13	5	784.5	QPSK	12	HIGH	Pass
Band13	5	784.5	QPSK	1	HIGH	Pass
Band13	5	784.5	16QAM	25	LOW	Pass
Band13	5	784.5	16QAM	12	HIGH	Pass
Band13	5	784.5	16QAM	1	HIGH	Pass

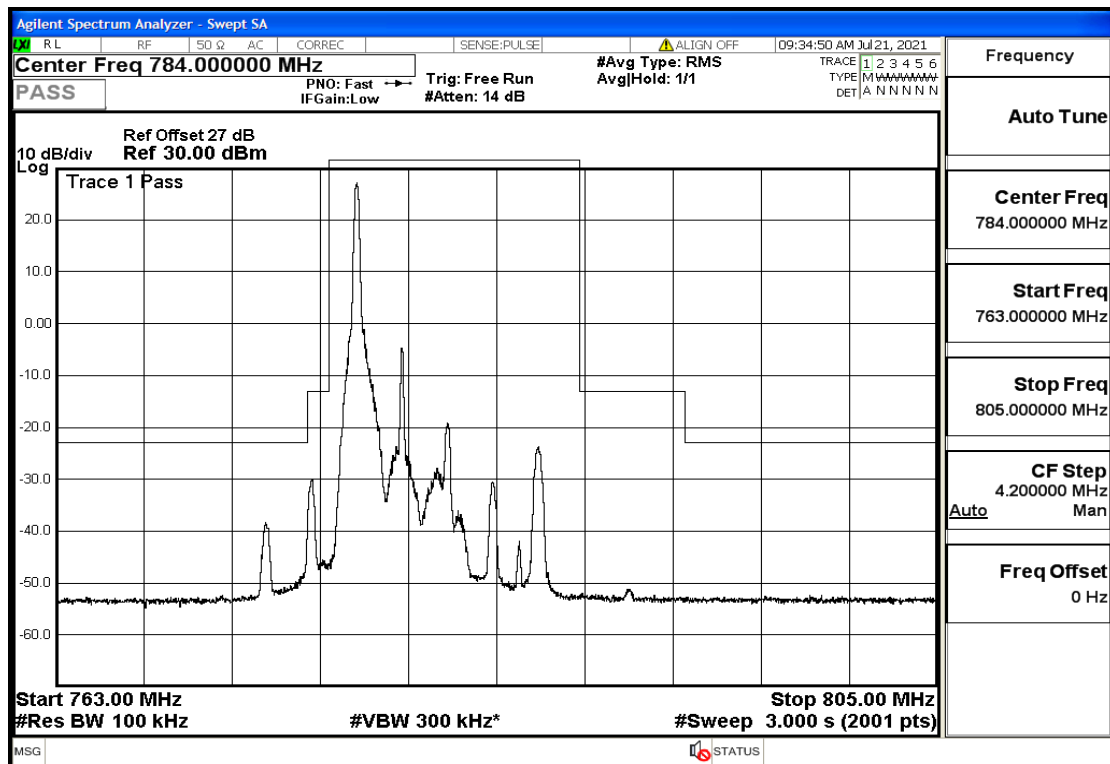
Band13-5-779.5-QPSK-25#LOW@Pass



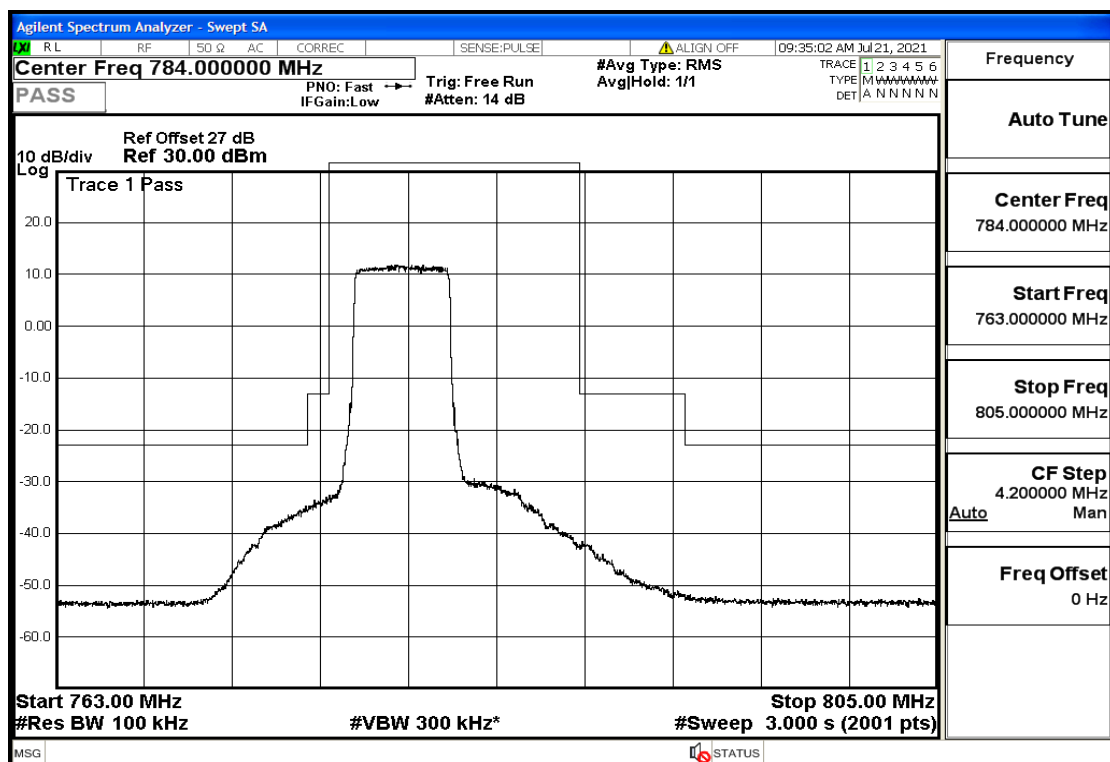
Band13-5-779.5-QPSK-12#LOW@Pass



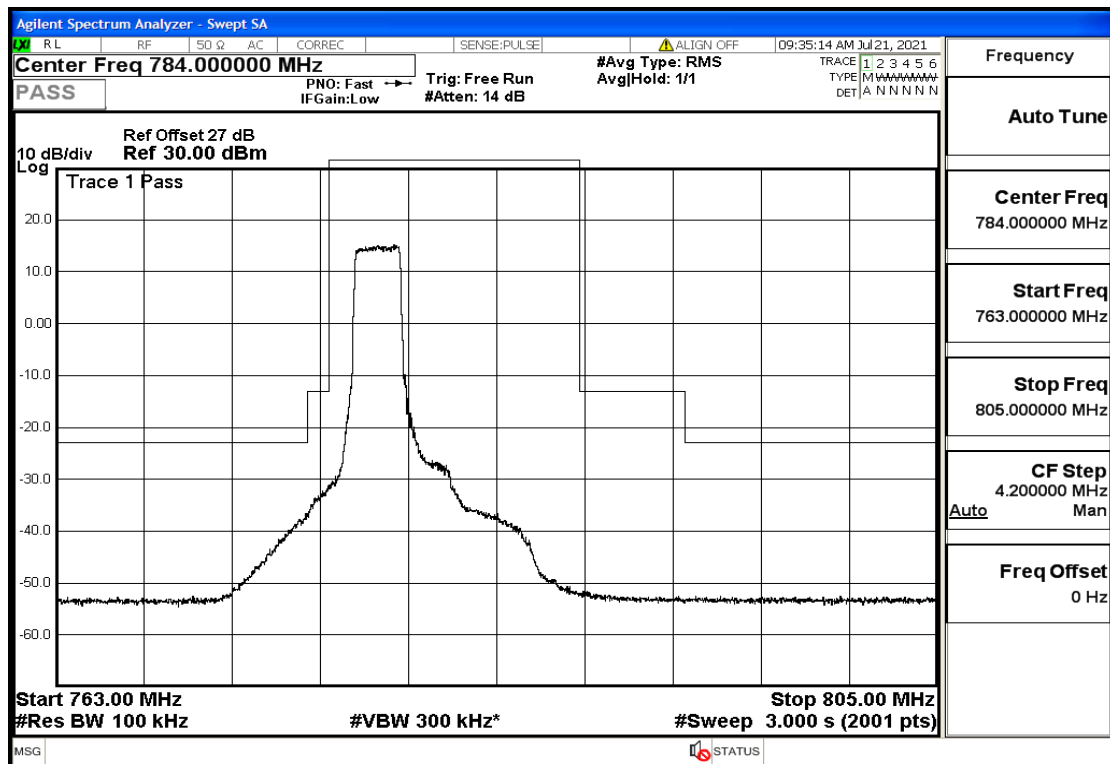
Band13-5-779.5-QPSK-1#LOW@Pass



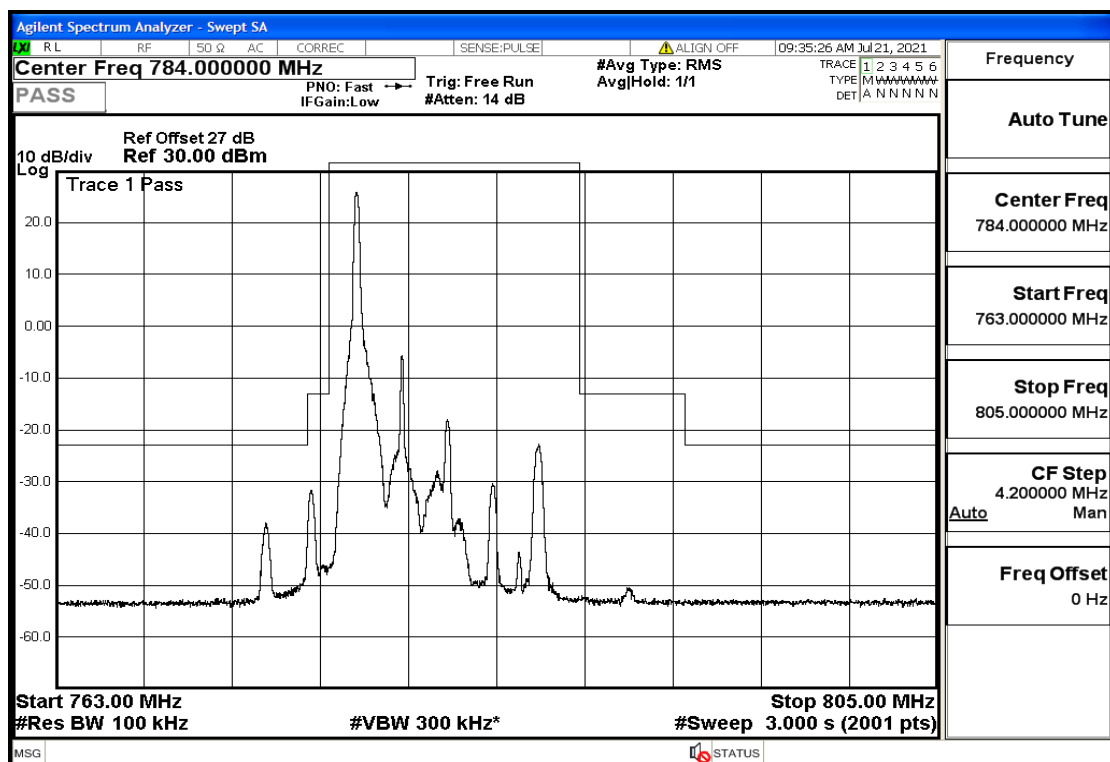
Band13-5-779.5-16QAM-25#LOW@Pass



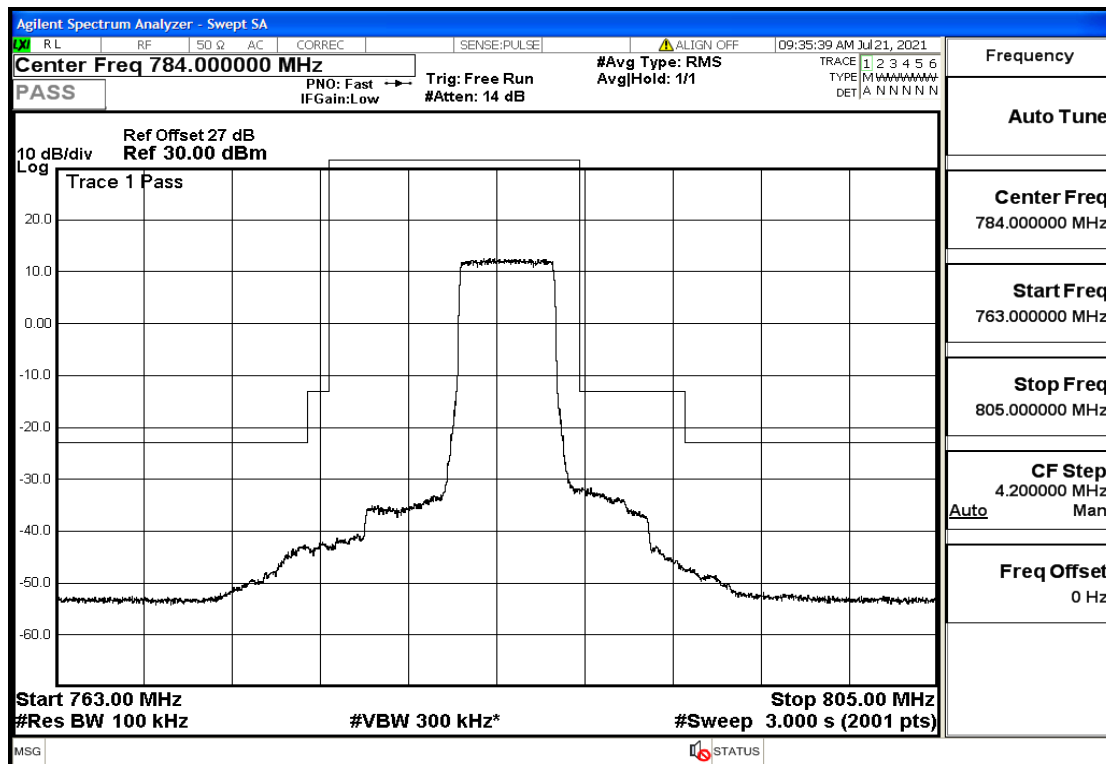
Band13-5-779.5-16QAM-12#LOW@Pass



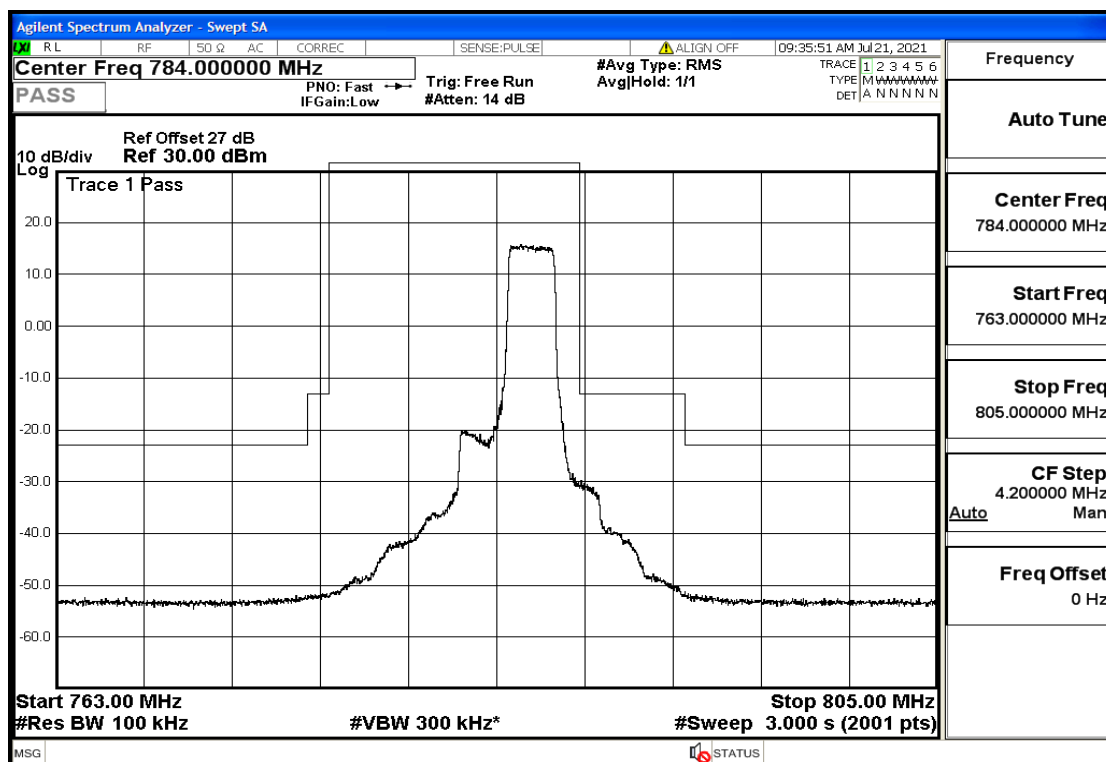
Band13-5-779.5-16QAM-1#LOW@Pass



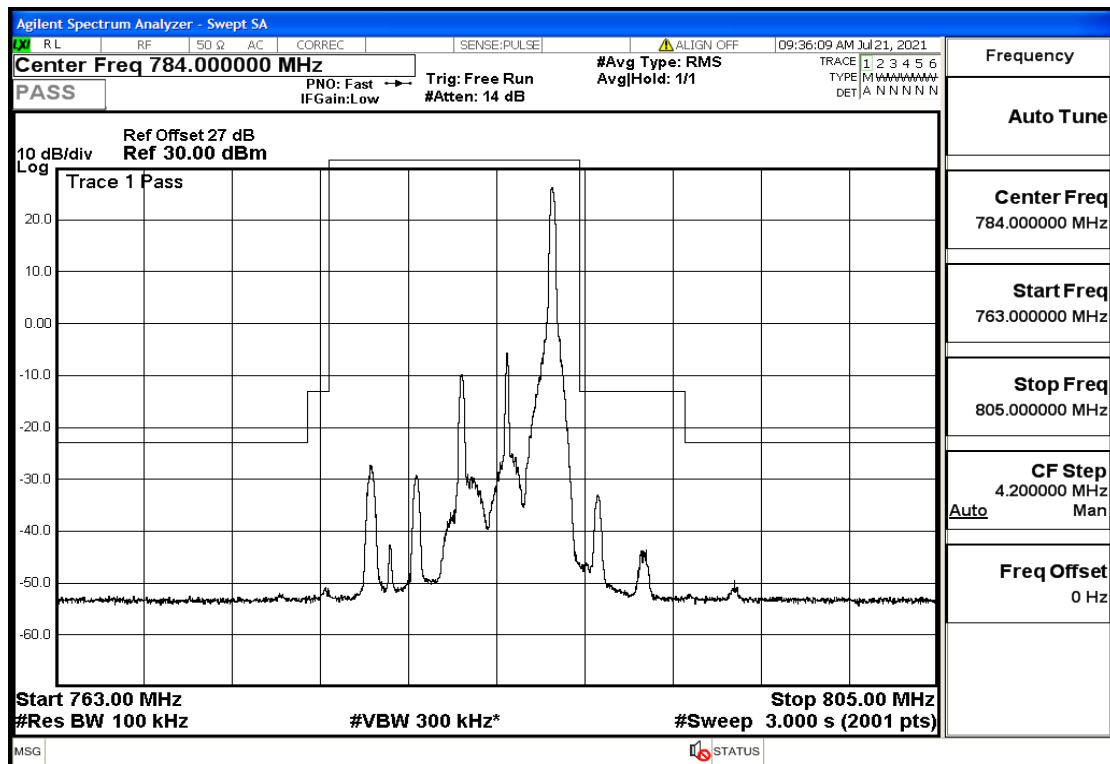
Band13-5-784.5-QPSK-25#LOW@Pass



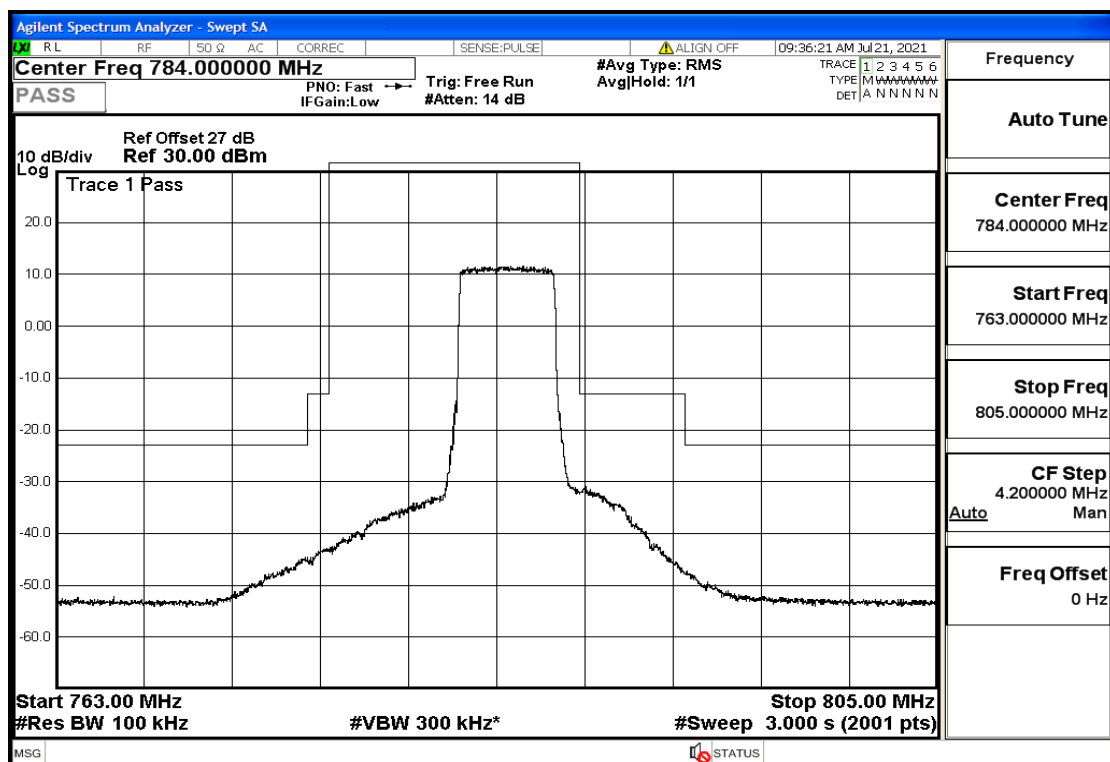
Band13-5-784.5-QPSK-12#HIGH@Pass



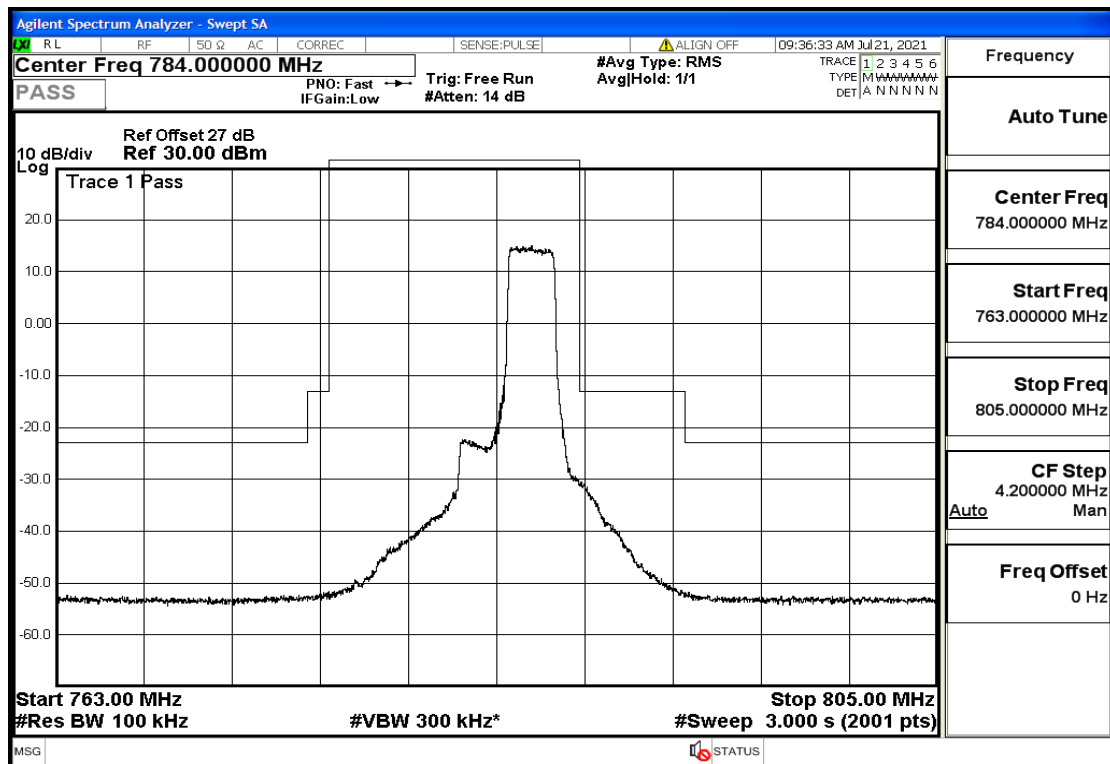
Band13-5-784.5-QPSK-1#HIGH@Pass



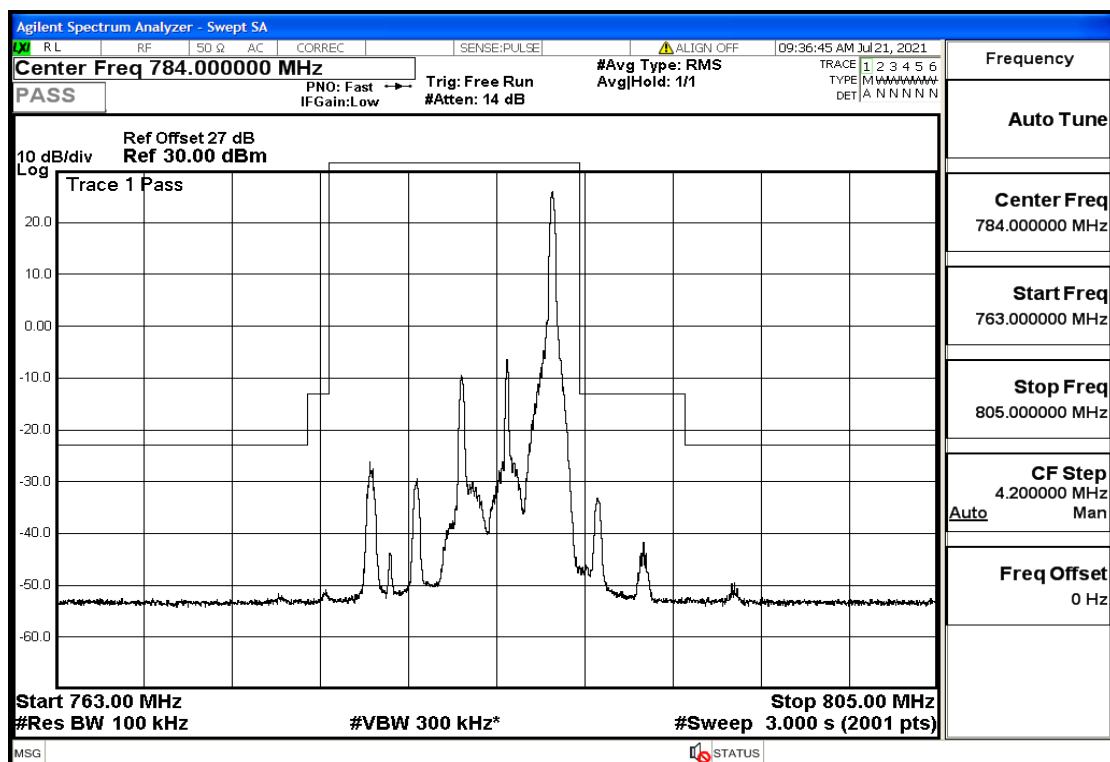
Band13-5-784.5-16QAM-25#LOW@Pass



Band13-5-784.5-16QAM-12#HIGH@Pass



Band13-5-784.5-16QAM-1#HIGH@Pass

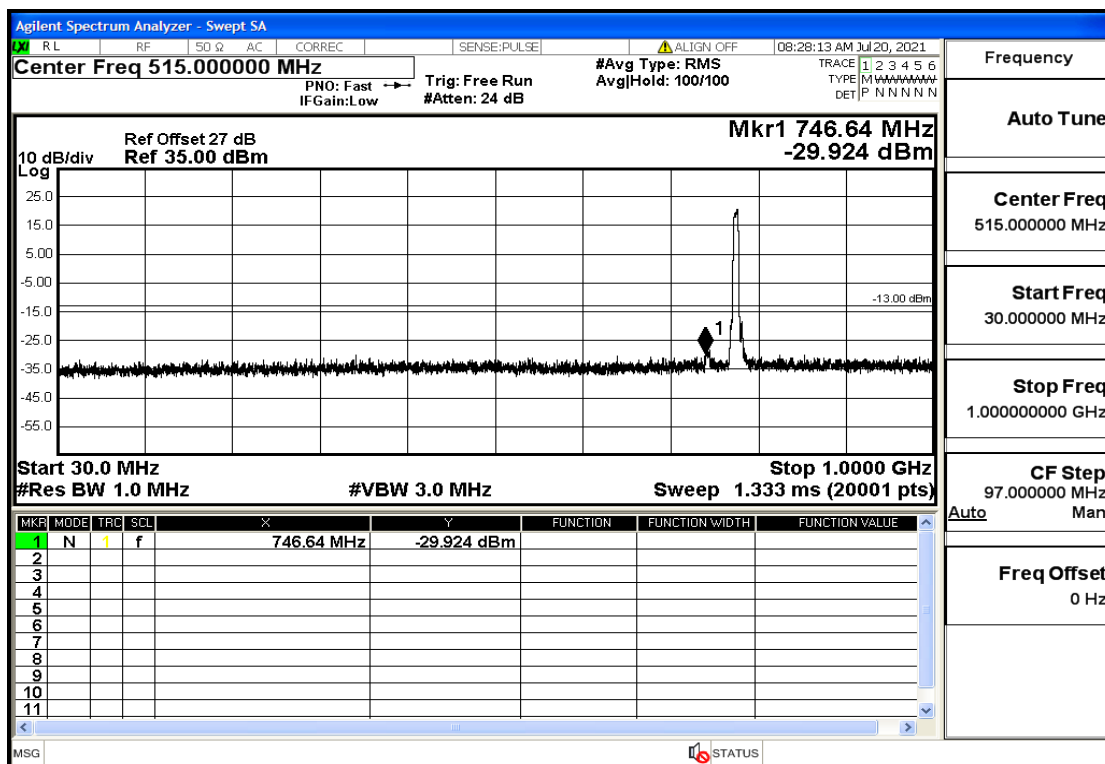


Conducted Spurious Emission

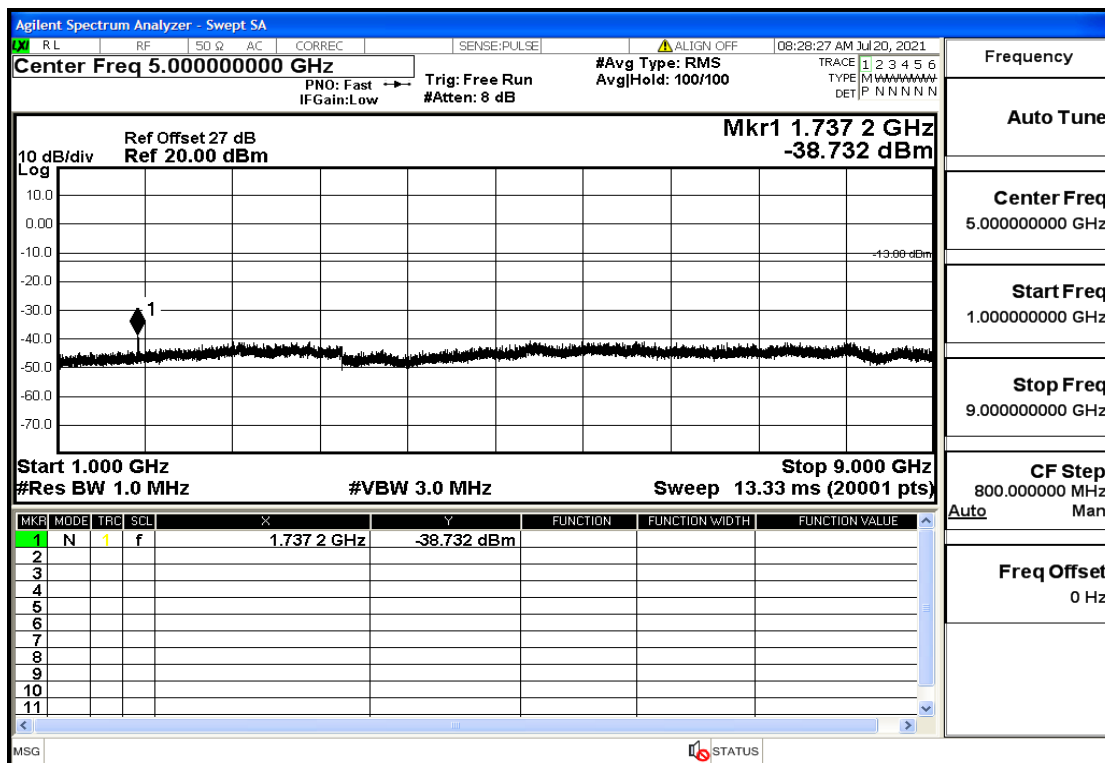
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB13	5	779.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB13	5	779.5	QPSK	25	LOW	1GHz-9GHz	Pass
OB13	5	779.5	QPSK	12	LOW	30mHz-1GHz	Pass
OB13	5	779.5	QPSK	12	LOW	1GHz-9GHz	Pass
OB13	5	779.5	QPSK	12	MID	30mHz-1GHz	Pass
OB13	5	779.5	QPSK	12	MID	1GHz-9GHz	Pass
OB13	5	779.5	QPSK	12	HIGH	30mHz-1GHz	Pass
OB13	5	779.5	QPSK	12	HIGH	1GHz-9GHz	Pass
OB13	5	779.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB13	5	779.5	QPSK	1	LOW	1GHz-9GHz	Pass
OB13	5	779.5	QPSK	1	MID	30mHz-1GHz	Pass
OB13	5	779.5	QPSK	1	MID	1GHz-9GHz	Pass
OB13	5	779.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB13	5	779.5	QPSK	1	HIGH	1GHz-9GHz	Pass
OB13	5	779.5	Q16	25	LOW	30mHz-1GHz	Pass
OB13	5	779.5	Q16	25	LOW	1GHz-9GHz	Pass
OB13	5	779.5	Q16	12	LOW	30mHz-1GHz	Pass
OB13	5	779.5	Q16	12	LOW	1GHz-9GHz	Pass
OB13	5	779.5	Q16	12	MID	30mHz-1GHz	Pass
OB13	5	779.5	Q16	12	MID	1GHz-9GHz	Pass
OB13	5	779.5	Q16	12	HIGH	30mHz-1GHz	Pass
OB13	5	779.5	Q16	12	HIGH	1GHz-9GHz	Pass
OB13	5	779.5	Q16	1	LOW	30mHz-1GHz	Pass
OB13	5	779.5	Q16	1	LOW	1GHz-9GHz	Pass
OB13	5	779.5	Q16	1	MID	30mHz-1GHz	Pass
OB13	5	779.5	Q16	1	MID	1GHz-9GHz	Pass
OB13	5	779.5	Q16	1	HIGH	30mHz-1GHz	Pass
OB13	5	779.5	Q16	1	HIGH	1GHz-9GHz	Pass
OB13	5	782	QPSK	25	LOW	30mHz-1GHz	Pass
OB13	5	782	QPSK	25	LOW	1GHz-9GHz	Pass
OB13	5	782	QPSK	12	LOW	30mHz-1GHz	Pass
OB13	5	782	QPSK	12	LOW	1GHz-9GHz	Pass
OB13	5	782	QPSK	12	MID	30mHz-1GHz	Pass
OB13	5	782	QPSK	12	MID	1GHz-9GHz	Pass
OB13	5	782	QPSK	12	HIGH	30mHz-1GHz	Pass
OB13	5	782	QPSK	12	HIGH	1GHz-9GHz	Pass
OB13	5	782	QPSK	1	LOW	30mHz-1GHz	Pass
OB13	5	782	QPSK	1	LOW	1GHz-9GHz	Pass
OB13	5	782	QPSK	1	MID	30mHz-1GHz	Pass
OB13	5	782	QPSK	1	MID	1GHz-9GHz	Pass

OB13	5	782	QPSK	1	HIGH	30mHz-1GHz	Pass
OB13	5	782	QPSK	1	HIGH	1GHz-9GHz	Pass
OB13	5	782	Q16	25	LOW	30mHz-1GHz	Pass
OB13	5	782	Q16	25	LOW	1GHz-9GHz	Pass
OB13	5	782	Q16	12	LOW	30mHz-1GHz	Pass
OB13	5	782	Q16	12	LOW	1GHz-9GHz	Pass
OB13	5	782	Q16	12	MID	30mHz-1GHz	Pass
OB13	5	782	Q16	12	MID	1GHz-9GHz	Pass
OB13	5	782	Q16	12	HIGH	30mHz-1GHz	Pass
OB13	5	782	Q16	12	HIGH	1GHz-9GHz	Pass
OB13	5	782	Q16	1	LOW	30mHz-1GHz	Pass
OB13	5	782	Q16	1	LOW	1GHz-9GHz	Pass
OB13	5	782	Q16	1	MID	30mHz-1GHz	Pass
OB13	5	782	Q16	1	MID	1GHz-9GHz	Pass
OB13	5	782	Q16	1	HIGH	30mHz-1GHz	Pass
OB13	5	782	Q16	1	HIGH	1GHz-9GHz	Pass
OB13	5	784.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB13	5	784.5	QPSK	25	LOW	1GHz-9GHz	Pass
OB13	5	784.5	QPSK	12	LOW	30mHz-1GHz	Pass
OB13	5	784.5	QPSK	12	LOW	1GHz-9GHz	Pass
OB13	5	784.5	QPSK	12	MID	30mHz-1GHz	Pass
OB13	5	784.5	QPSK	12	MID	1GHz-9GHz	Pass
OB13	5	784.5	QPSK	12	HIGH	30mHz-1GHz	Pass
OB13	5	784.5	QPSK	12	HIGH	1GHz-9GHz	Pass
OB13	5	784.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB13	5	784.5	QPSK	1	LOW	1GHz-9GHz	Pass
OB13	5	784.5	QPSK	1	MID	30mHz-1GHz	Pass
OB13	5	784.5	QPSK	1	MID	1GHz-9GHz	Pass
OB13	5	784.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB13	5	784.5	QPSK	1	HIGH	1GHz-9GHz	Pass
OB13	5	784.5	Q16	25	LOW	30mHz-1GHz	Pass
OB13	5	784.5	Q16	25	LOW	1GHz-9GHz	Pass
OB13	5	784.5	Q16	12	LOW	30mHz-1GHz	Pass
OB13	5	784.5	Q16	12	LOW	1GHz-9GHz	Pass
OB13	5	784.5	Q16	12	MID	30mHz-1GHz	Pass
OB13	5	784.5	Q16	12	MID	1GHz-9GHz	Pass
OB13	5	784.5	Q16	12	HIGH	30mHz-1GHz	Pass
OB13	5	784.5	Q16	12	HIGH	1GHz-9GHz	Pass
OB13	5	784.5	Q16	1	LOW	30mHz-1GHz	Pass
OB13	5	784.5	Q16	1	LOW	1GHz-9GHz	Pass
OB13	5	784.5	Q16	1	MID	30mHz-1GHz	Pass
OB13	5	784.5	Q16	1	MID	1GHz-9GHz	Pass
OB13	5	784.5	Q16	1	HIGH	30mHz-1GHz	Pass
OB13	5	784.5	Q16	1	HIGH	1GHz-9GHz	Pass

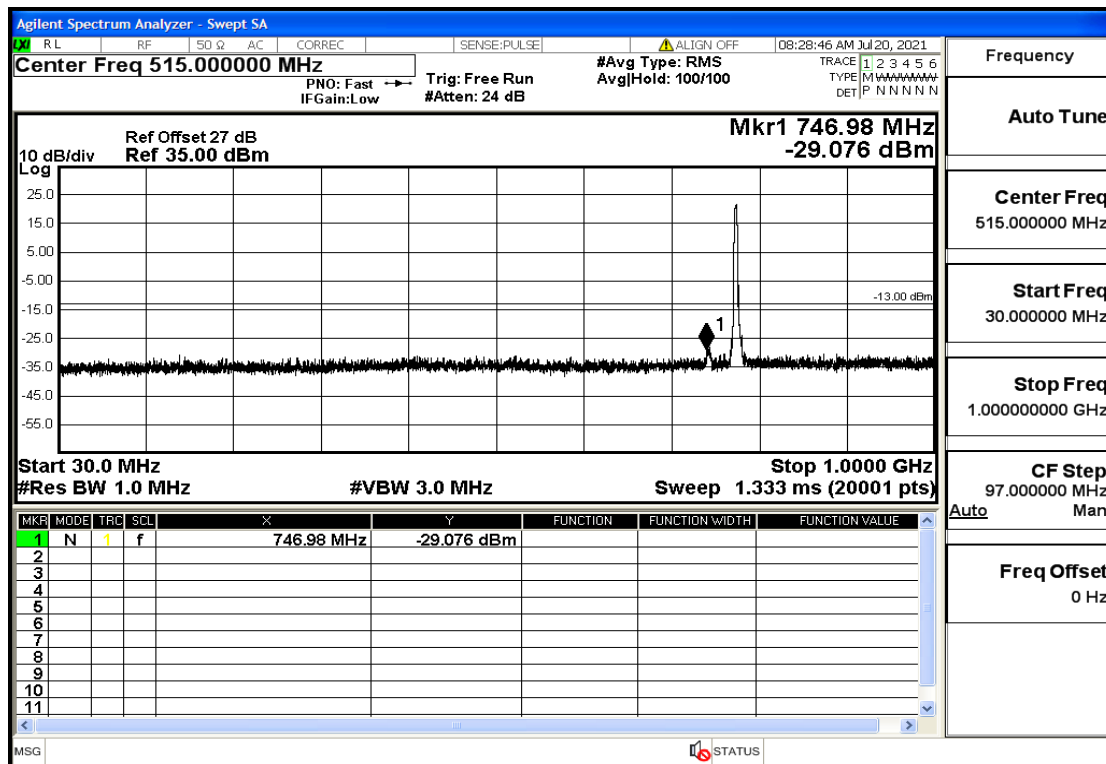
OB13-5-779.5-QPSK-25#LOW@30MHz-1GHz@Pass



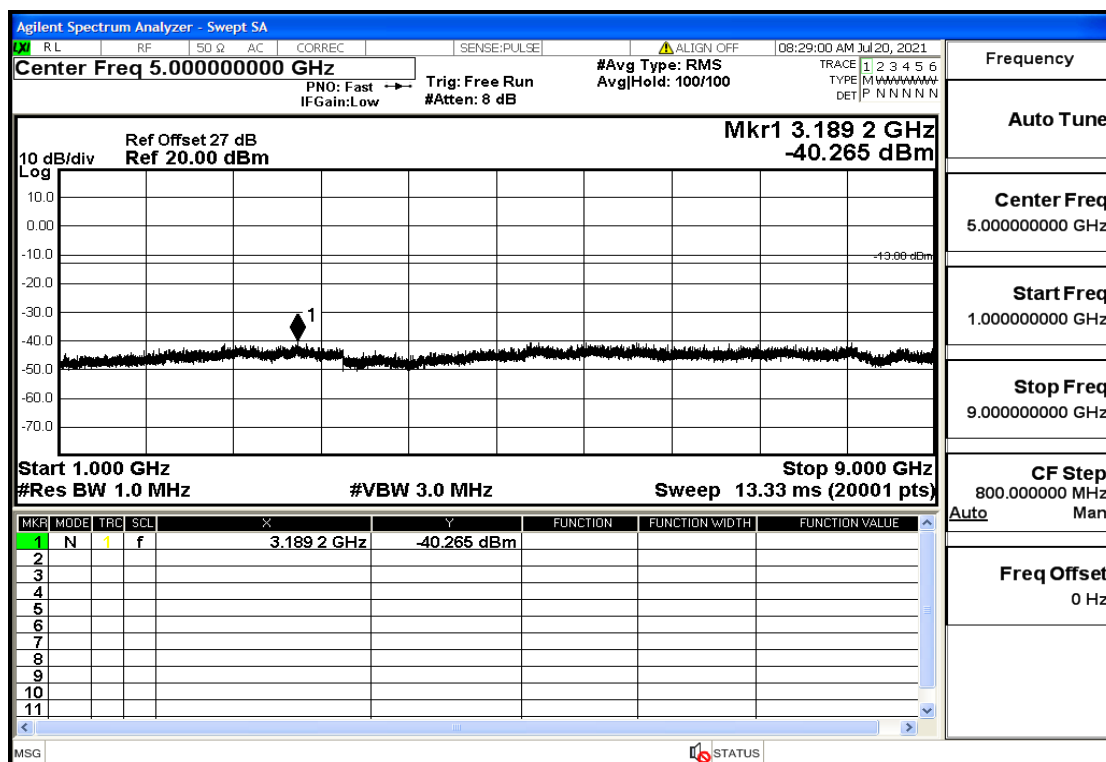
OB13-5-779.5-QPSK-25#LOW@1GHz-9GHz@Pass



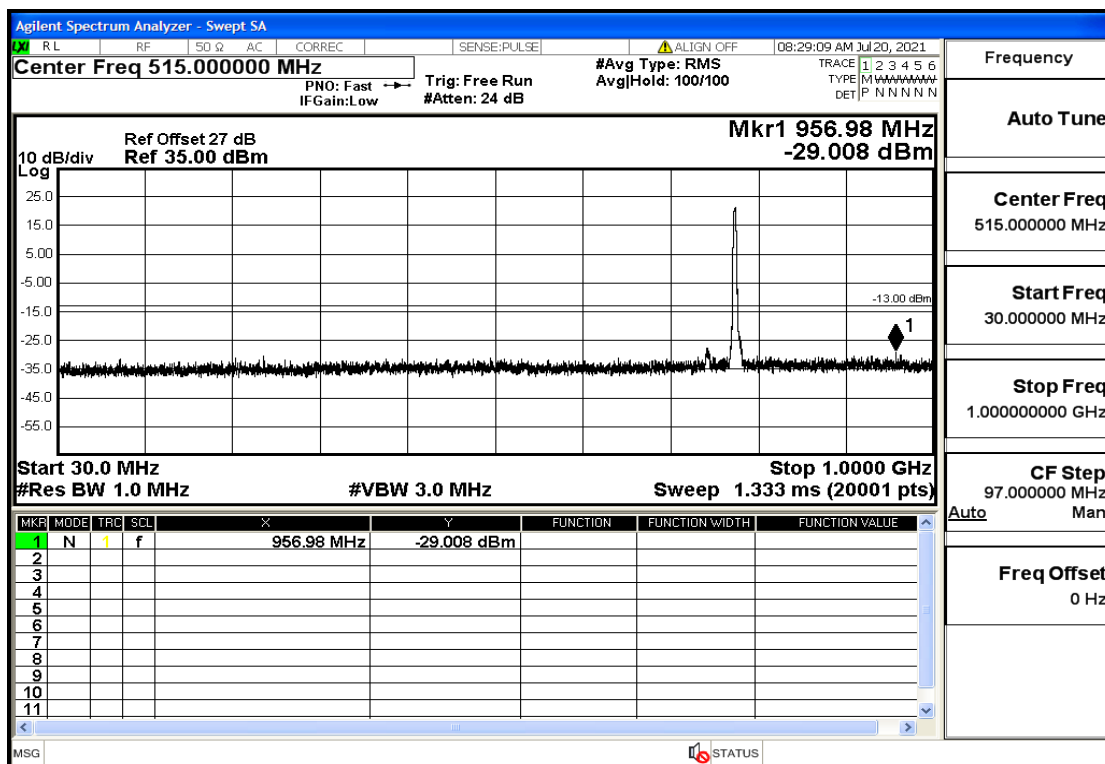
OB13-5-779.5-QPSK-12#LOW@30mHz-1GHz@Pass



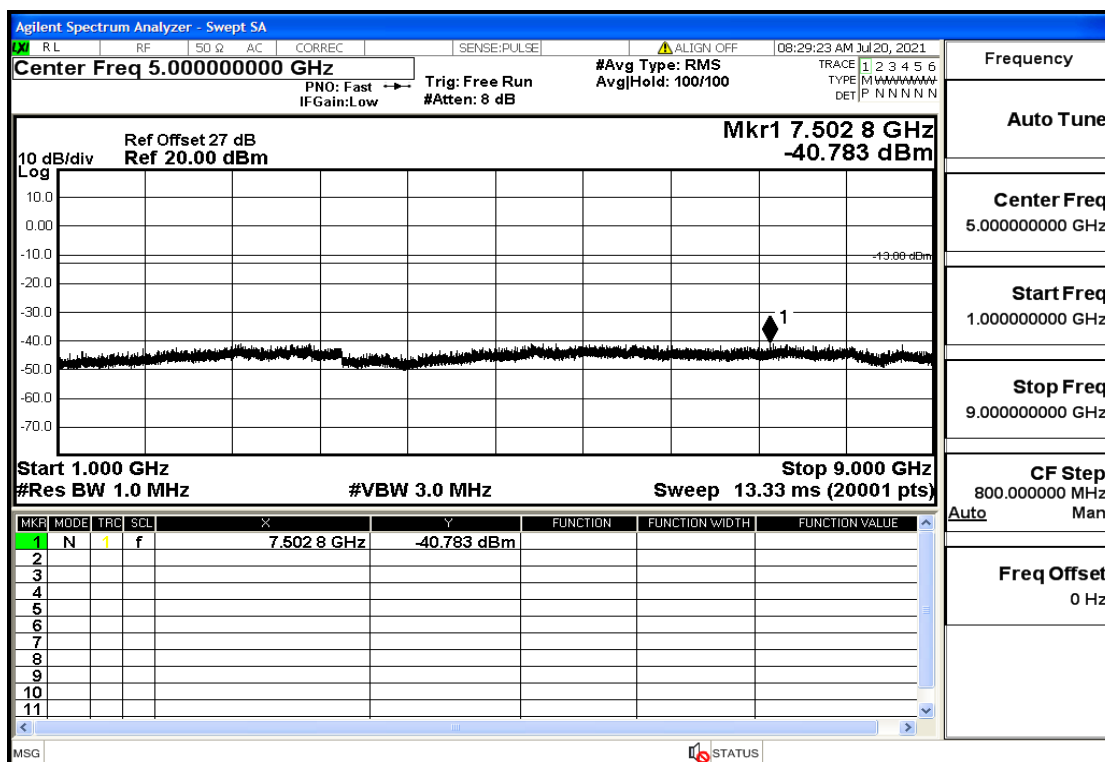
OB13-5-779.5-QPSK-12#LOW@1GHz-9GHz@Pass



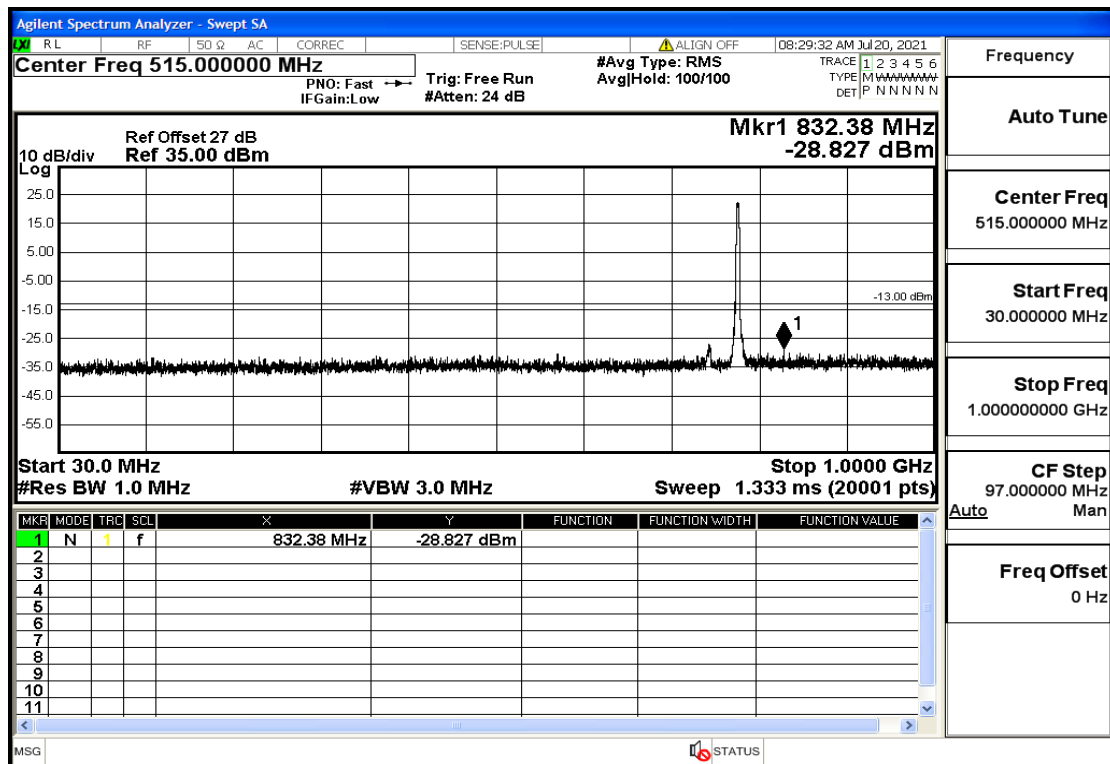
OB13-5-779.5-QPSK-12#MID@30mHz-1GHz@Pass



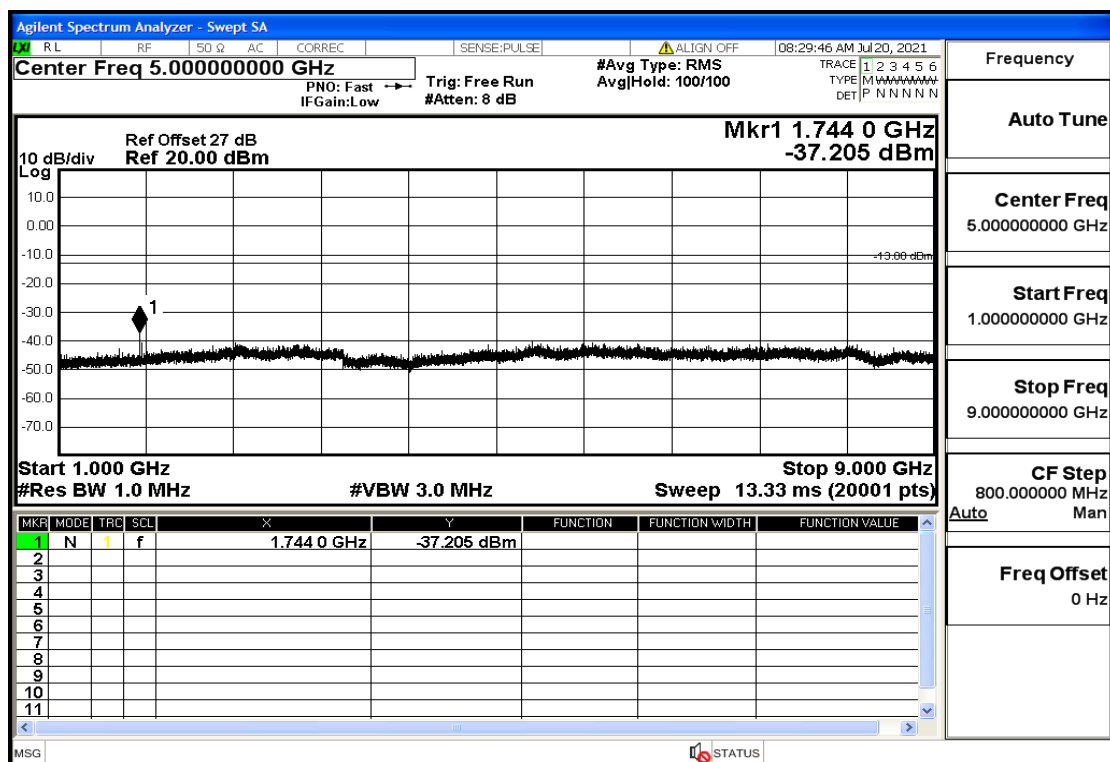
OB13-5-779.5-QPSK-12#MID@1GHz-9GHz@Pass



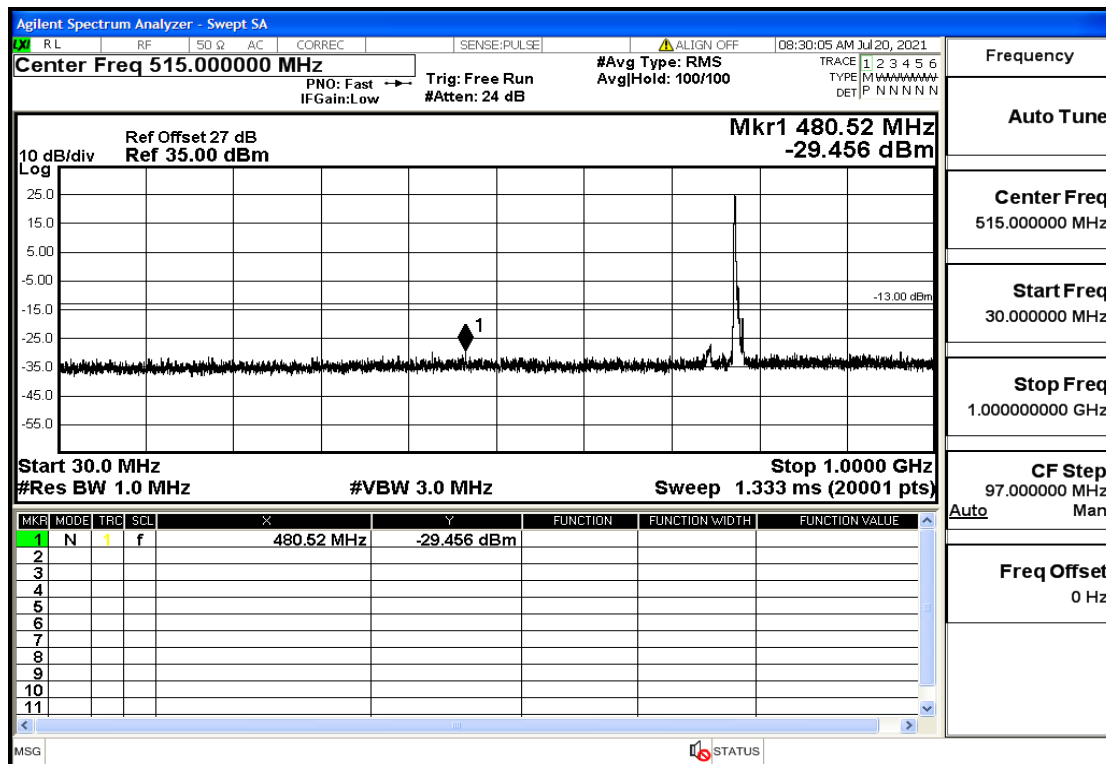
OB13-5-779.5-QPSK-12#HIGH@30mHz-1GHz@Pass



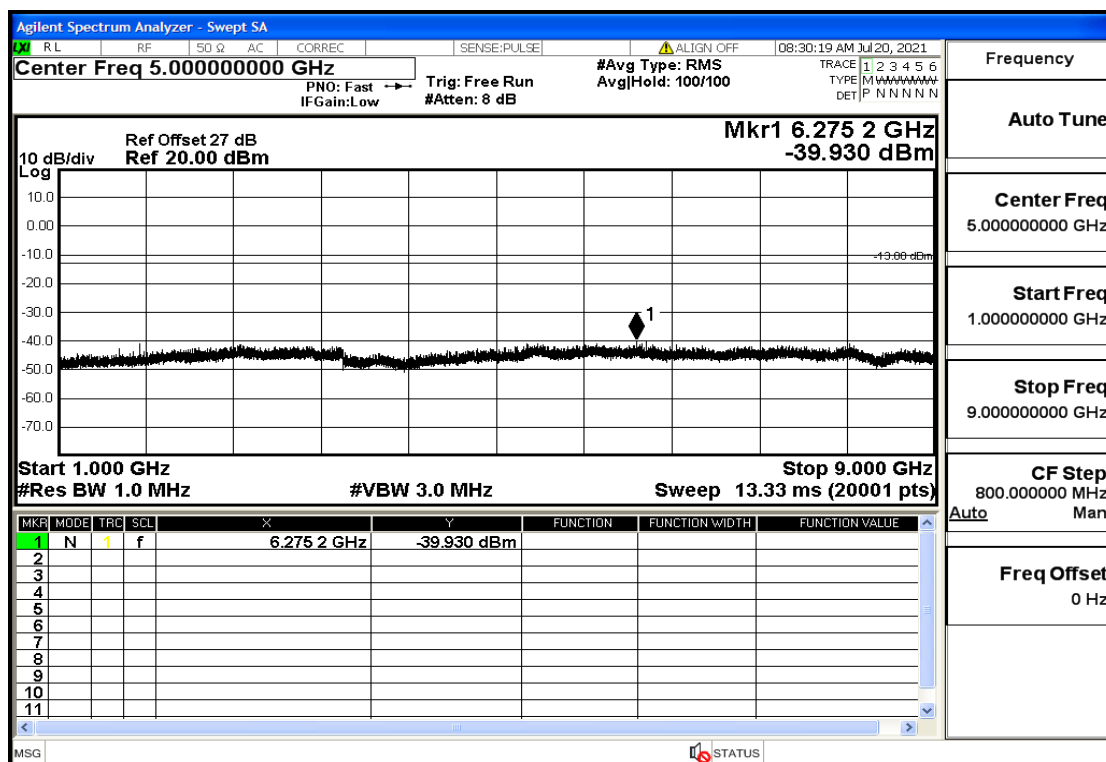
OB13-5-779.5-QPSK-12#HIGH@1GHz-9GHz@Pass



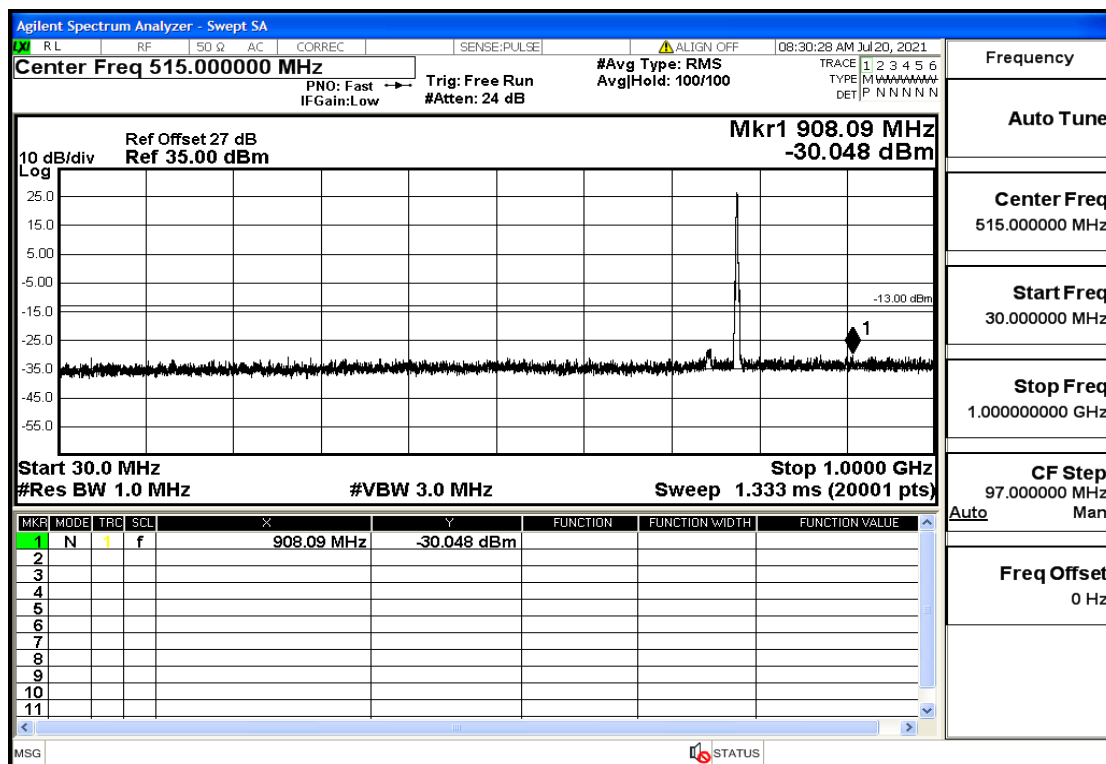
OB13-5-779.5-QPSK-1#LOW@30mHz-1GHz@Pass



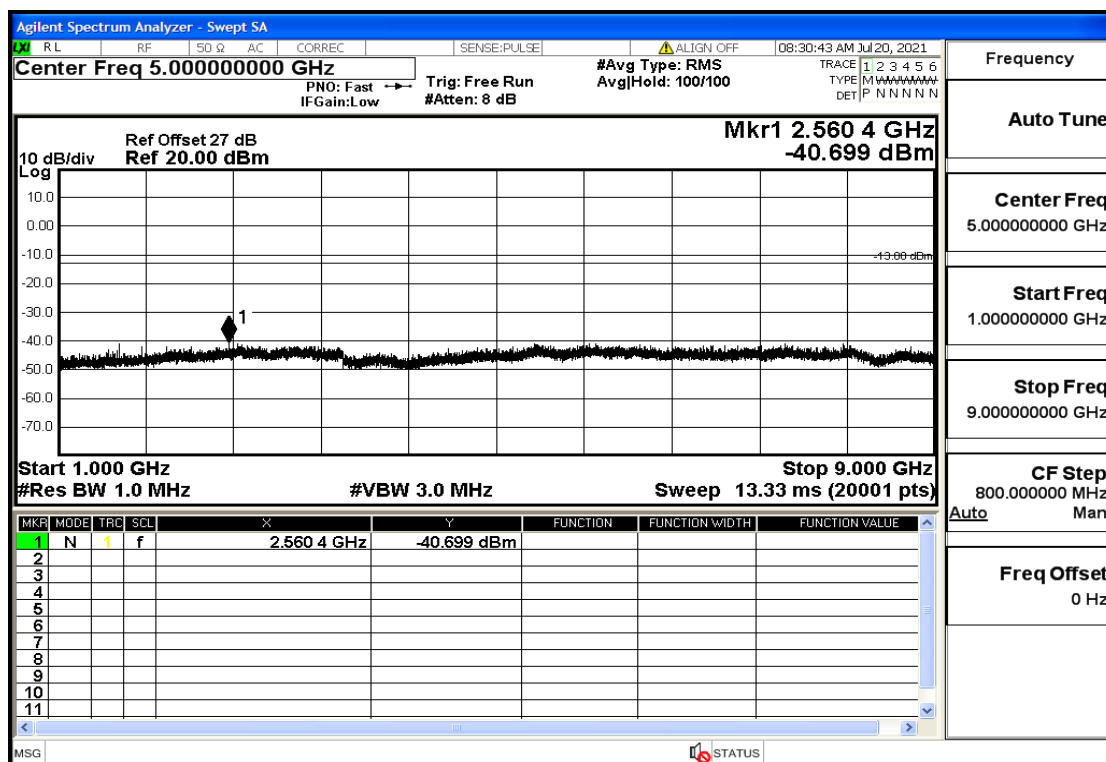
OB13-5-779.5-QPSK-1#LOW@1GHz-9GHz@Pass



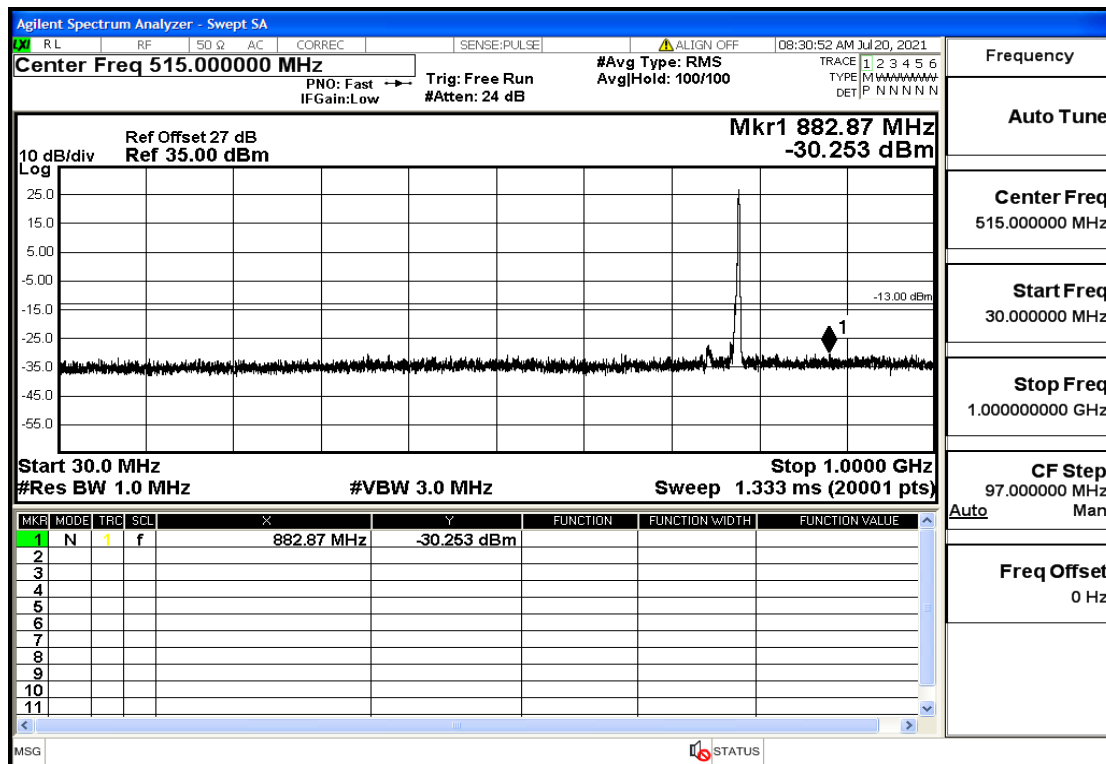
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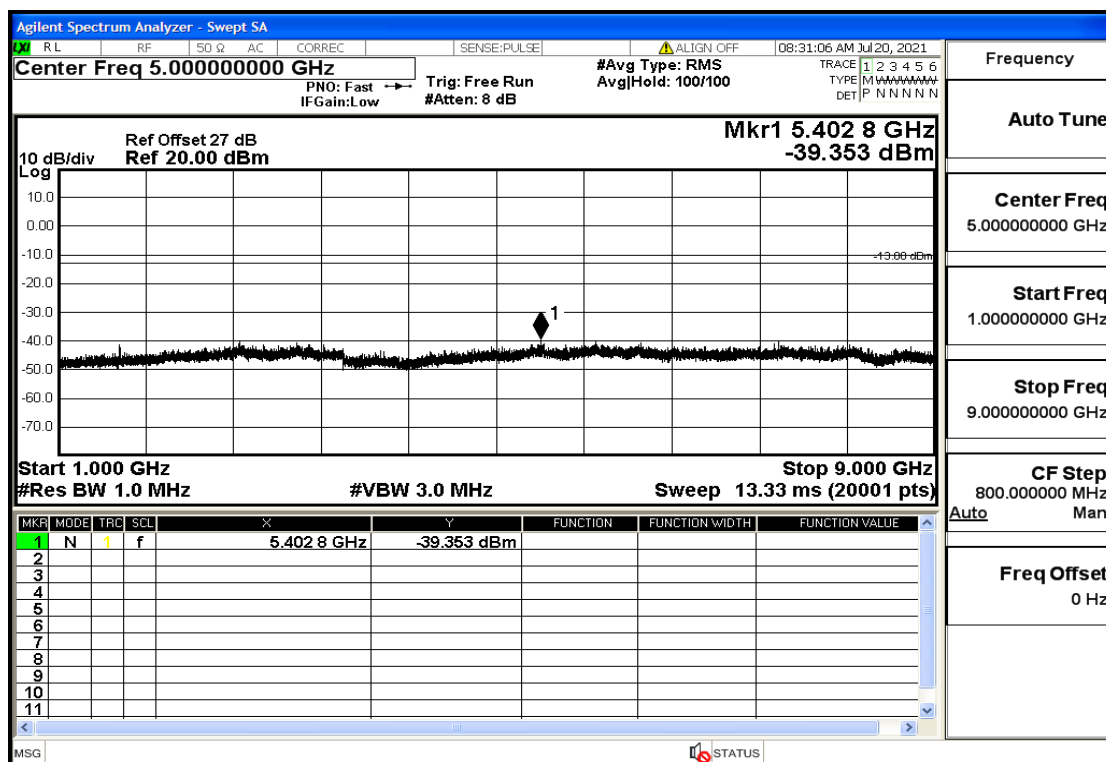
OB13-5-779.5-QPSK-1#MID@1GHz-9GHz@Pass



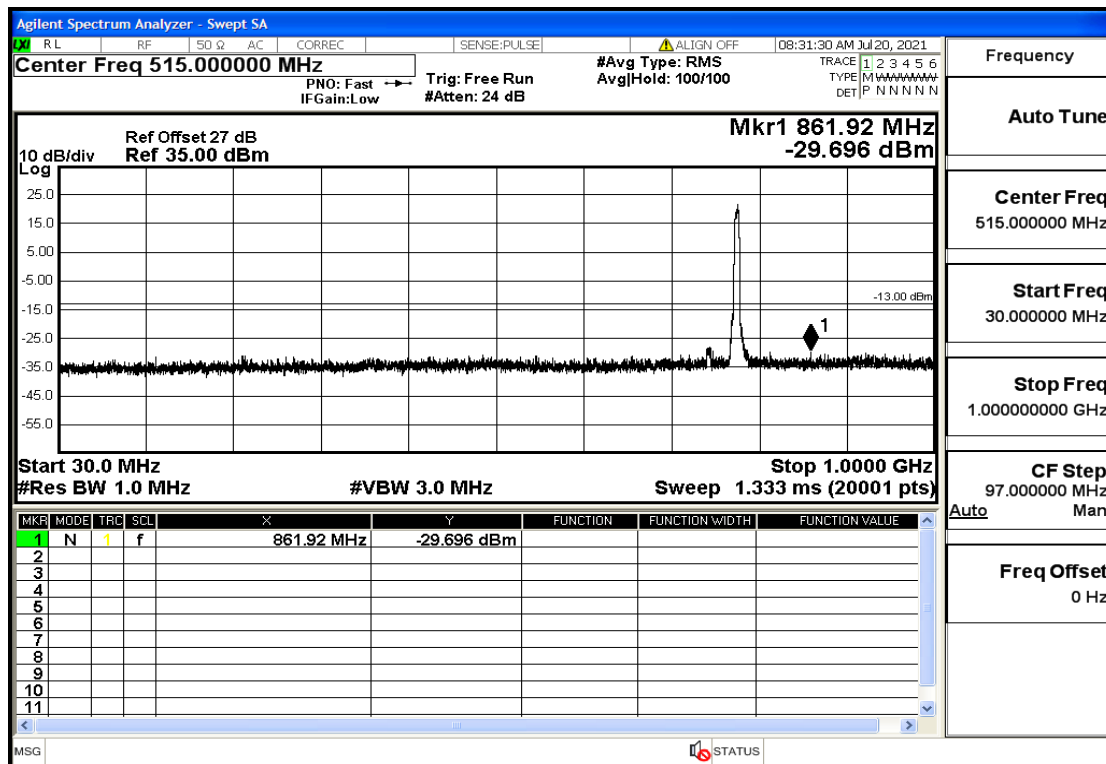
OB13-5-779.5-QPSK-1#HIGH@30mHz-1GHz@Pass



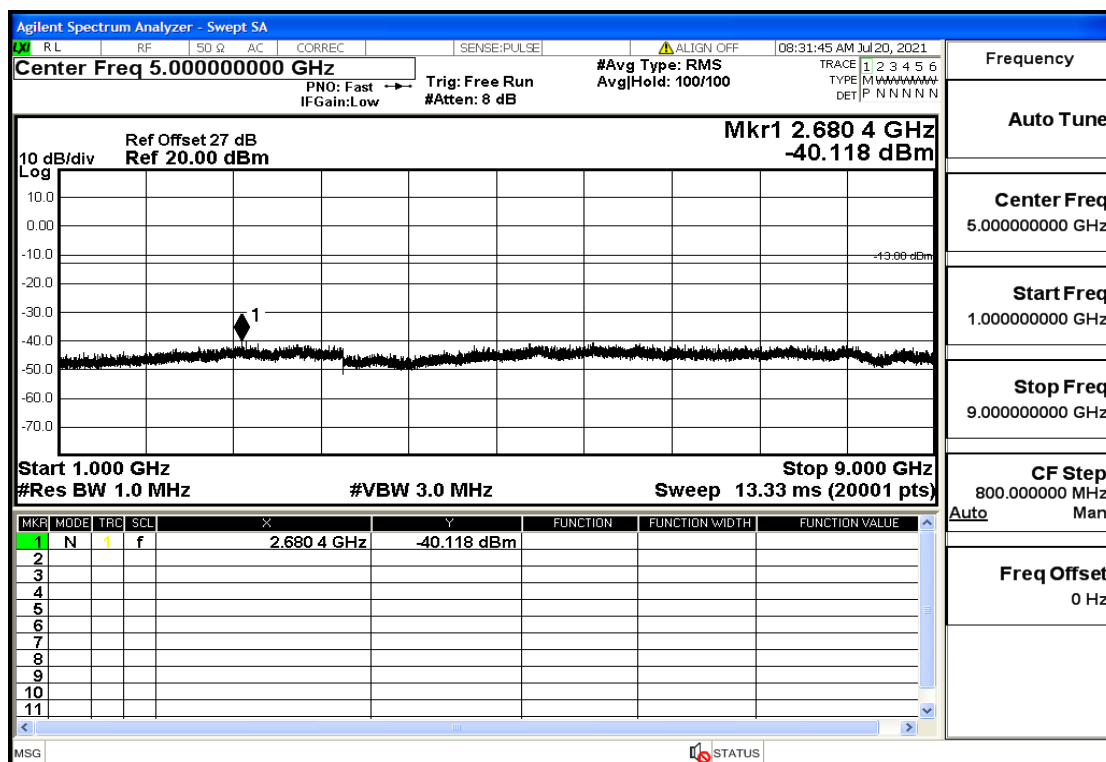
OB13-5-779.5-QPSK-1#HIGH@1GHz-9GHz@Pass



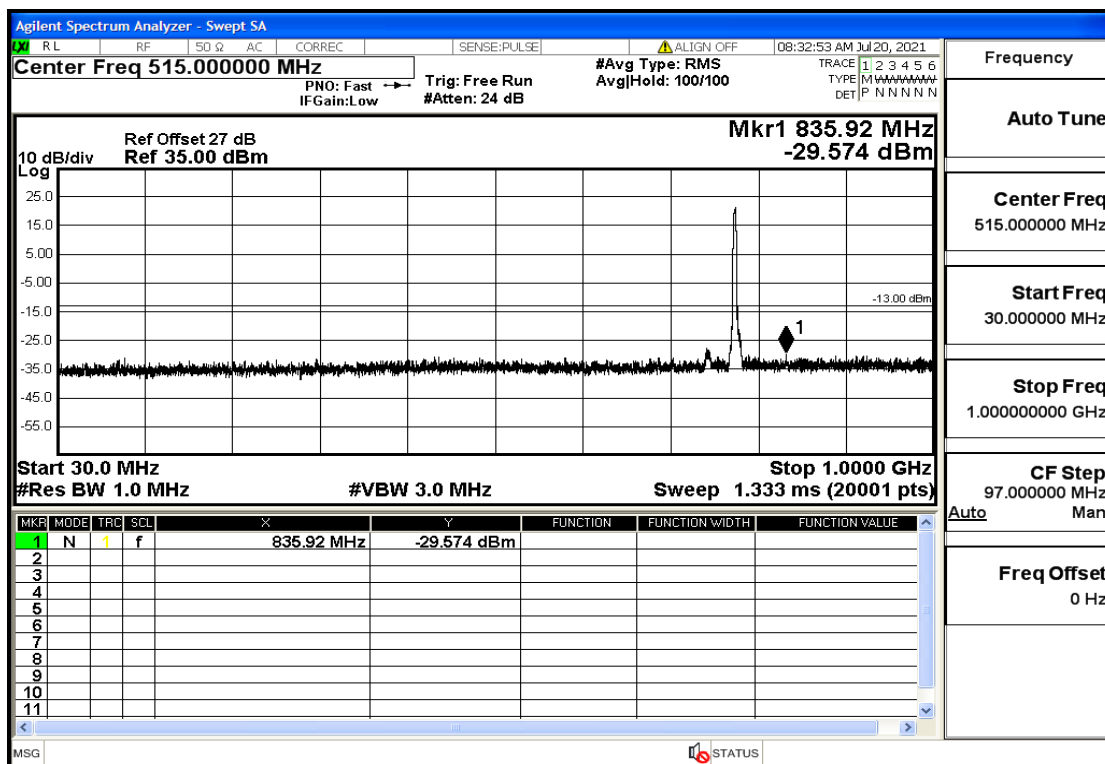
OB13-5-779.5-Q16-25#LOW@30mHz-1GHz@Pass



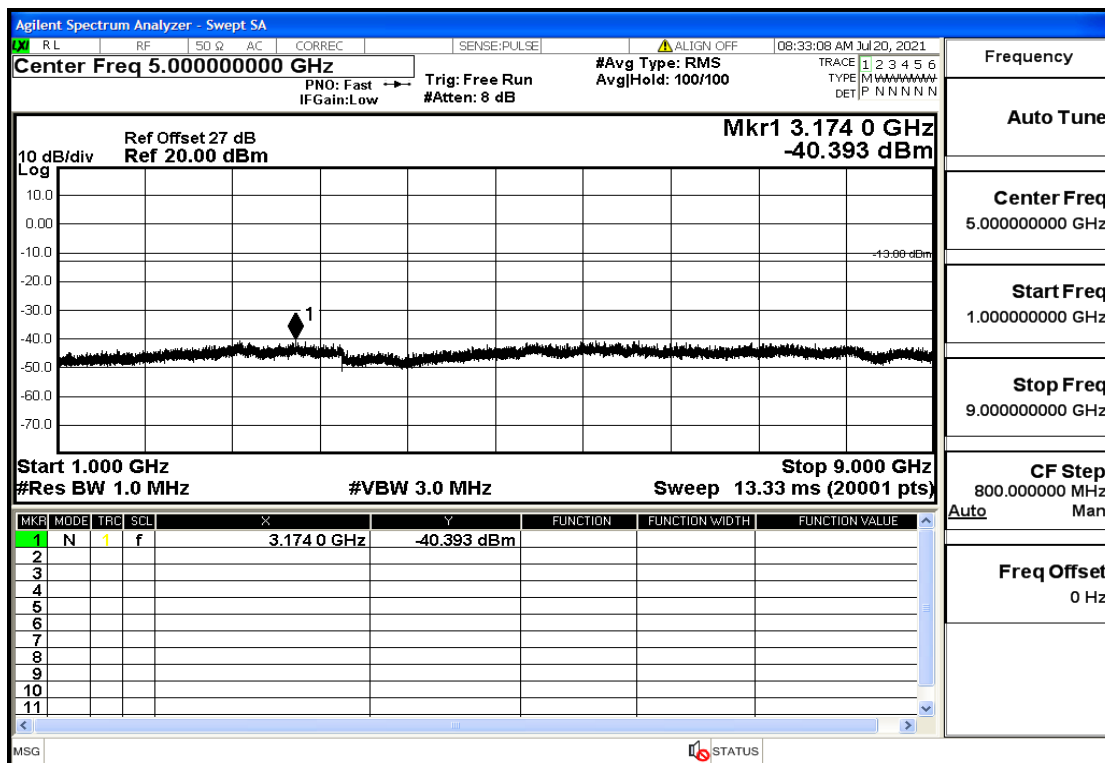
OB13-5-779.5-Q16-25#LOW@1GHz-9GHz@Pass



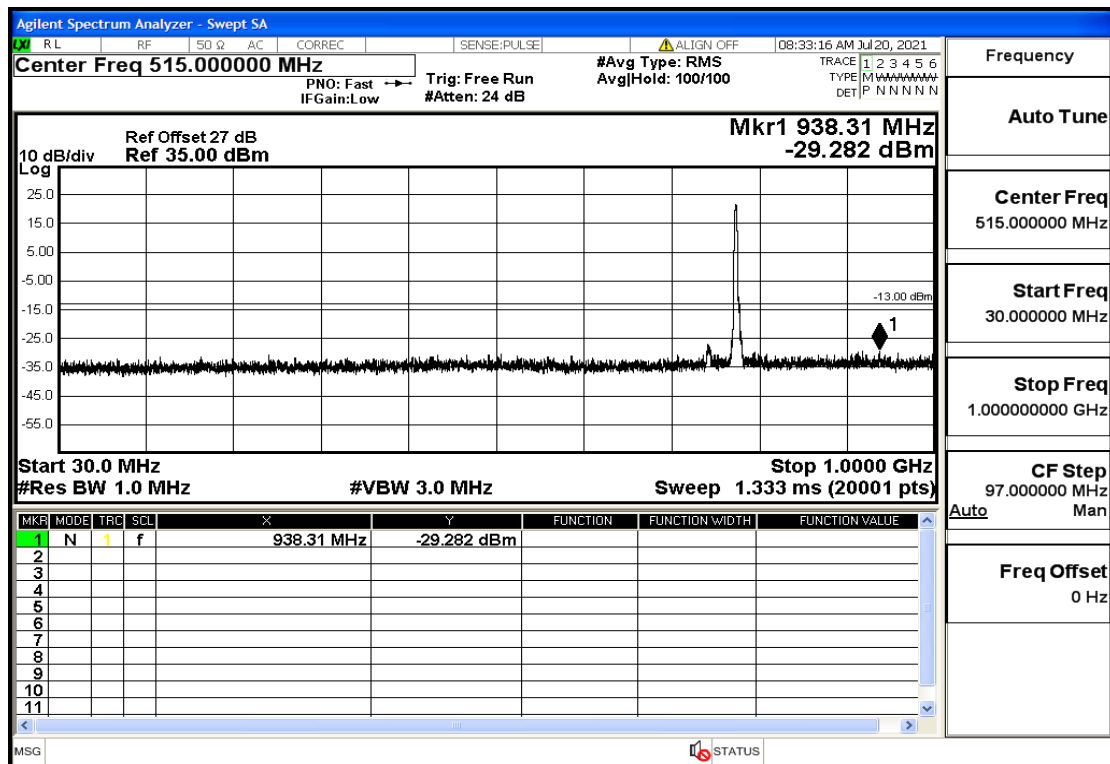
OB13-5-779.5-Q16-12#LOW@30mHz-1GHz@Pass



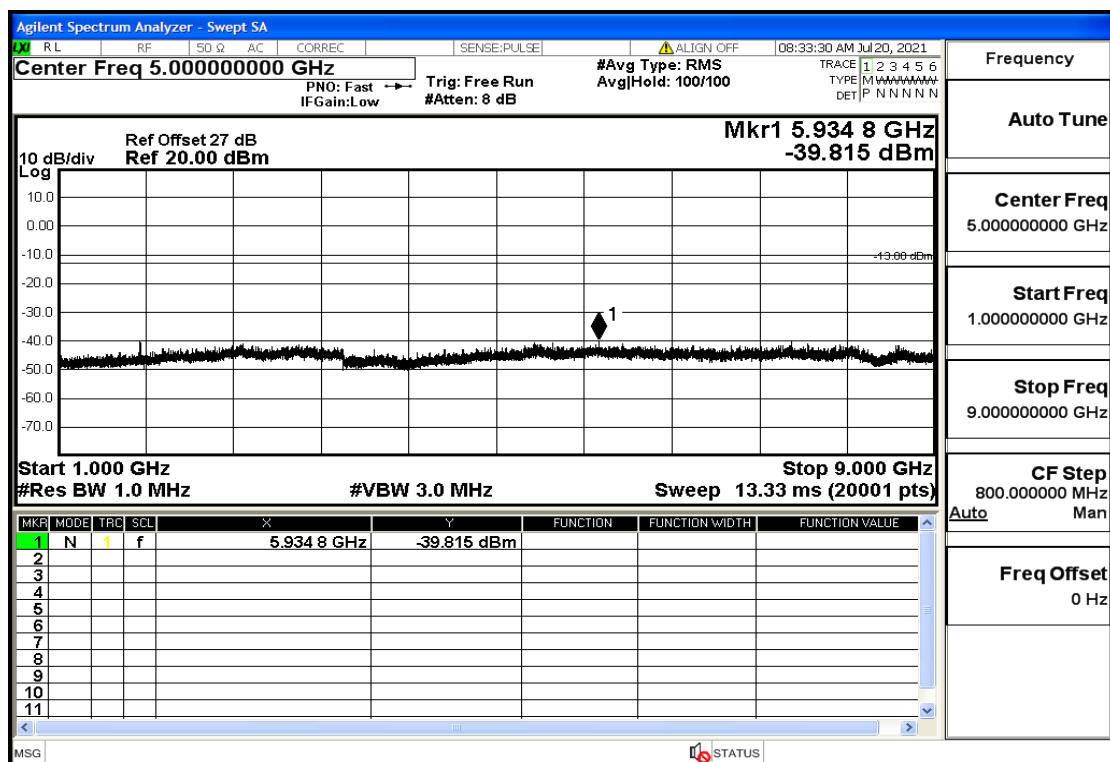
OB13-5-779.5-Q16-12#LOW@1GHz-9GHz@Pass



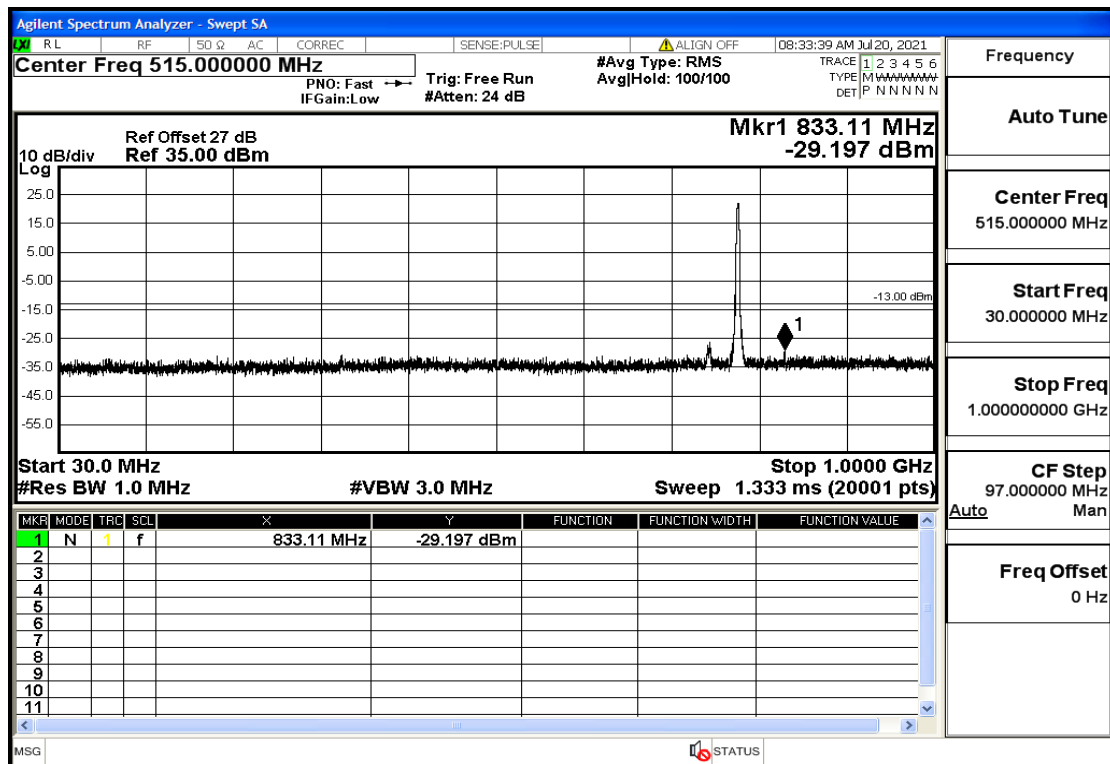
OB13-5-779.5-Q16-12#MID@30mHz-1GHz@Pass



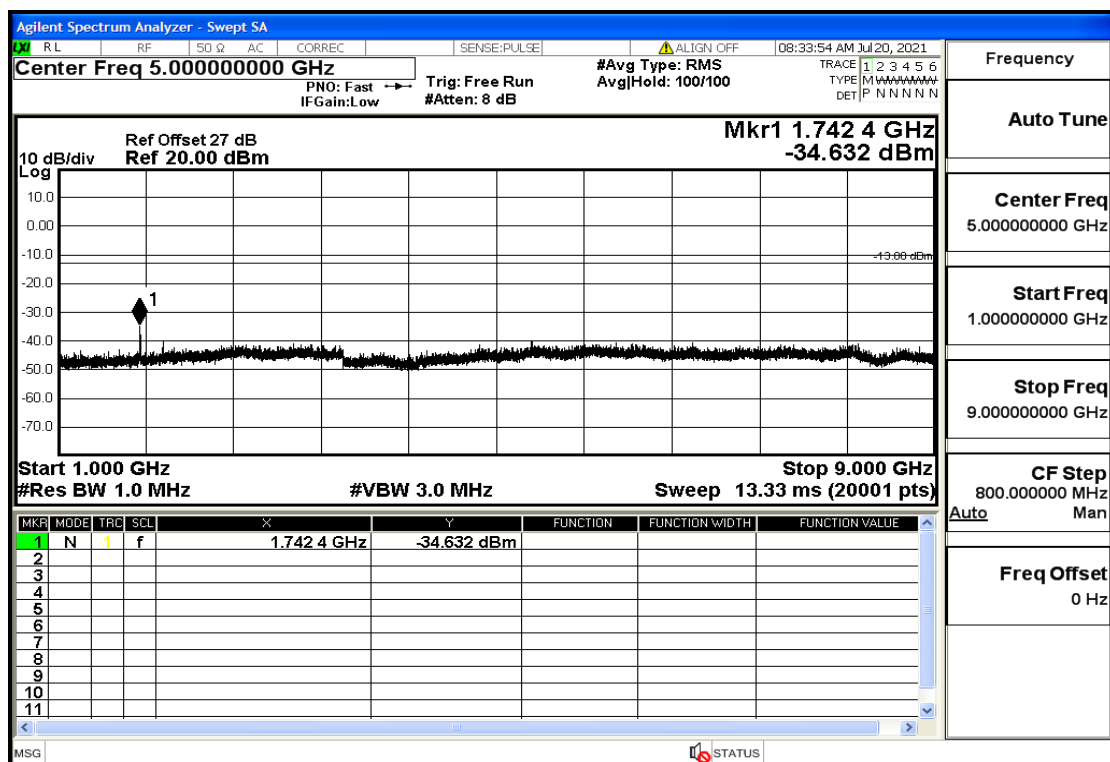
OB13-5-779.5-Q16-12#MID@1GHz-9GHz@Pass



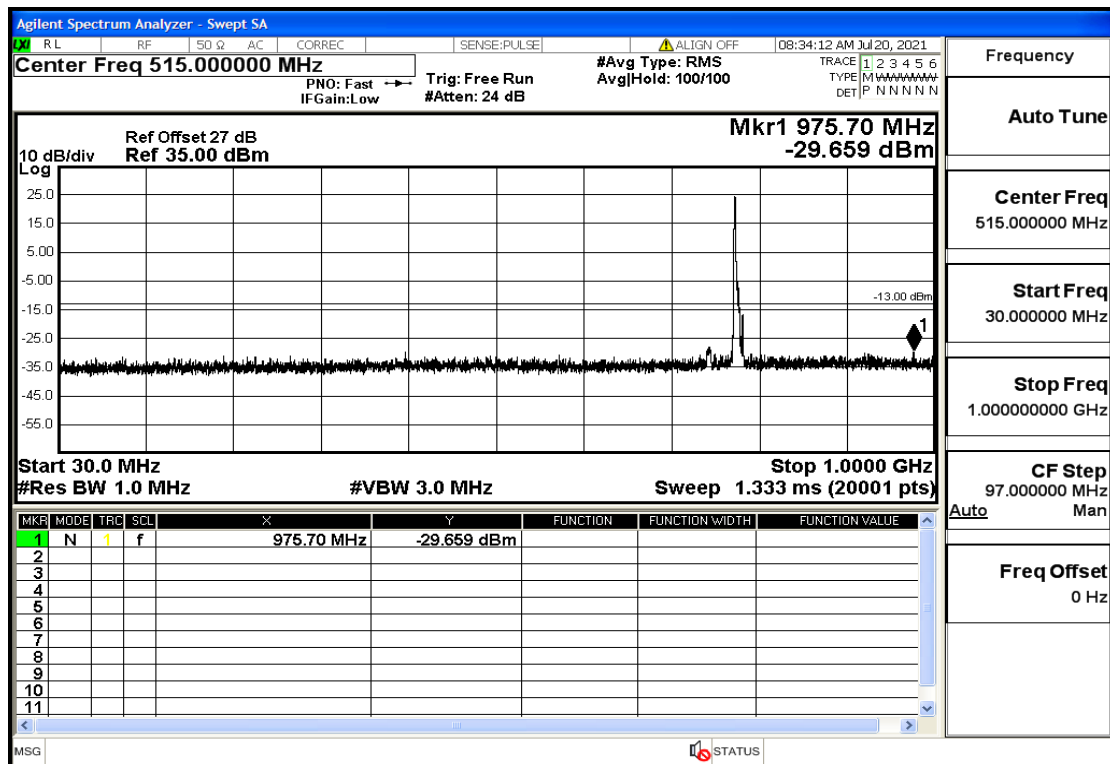
OB13-5-779.5-Q16-12#HIGH@30mHz-1GHz@Pass



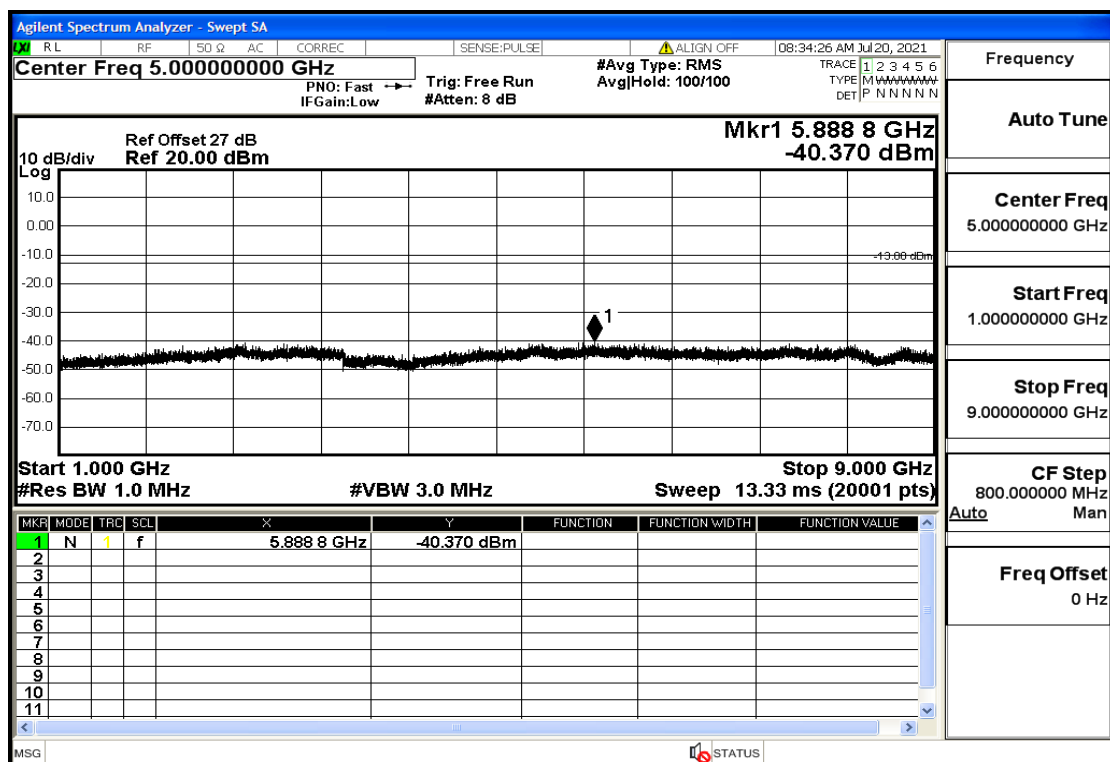
OB13-5-779.5-Q16-12#HIGH@1GHz-9GHz@Pass



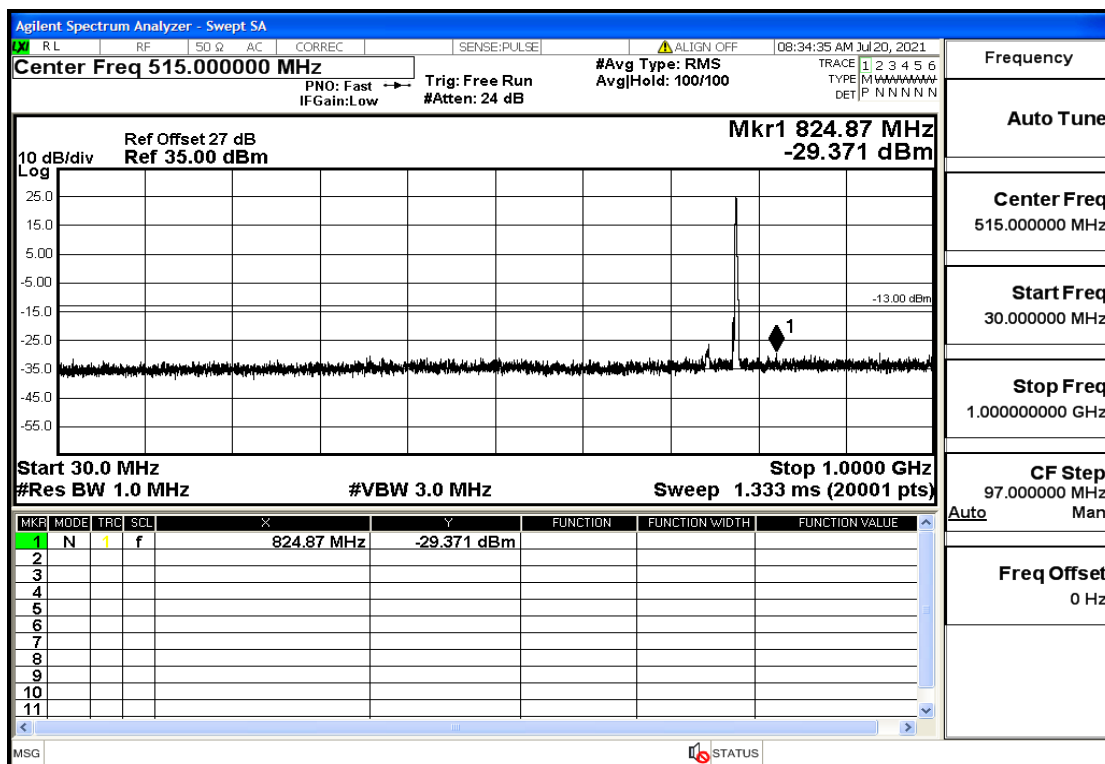
OB13-5-779.5-Q16-1#LOW@30mHz-1GHz@Pass



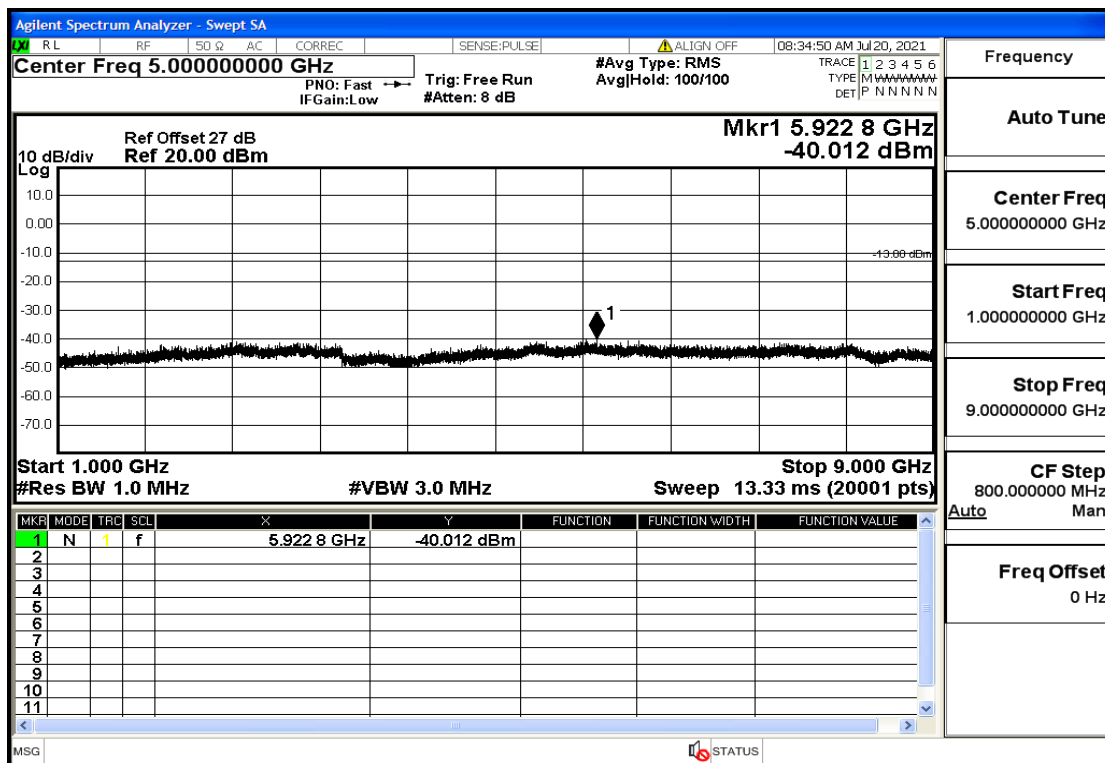
OB13-5-779.5-Q16-1#LOW@1GHz-9GHz@Pass



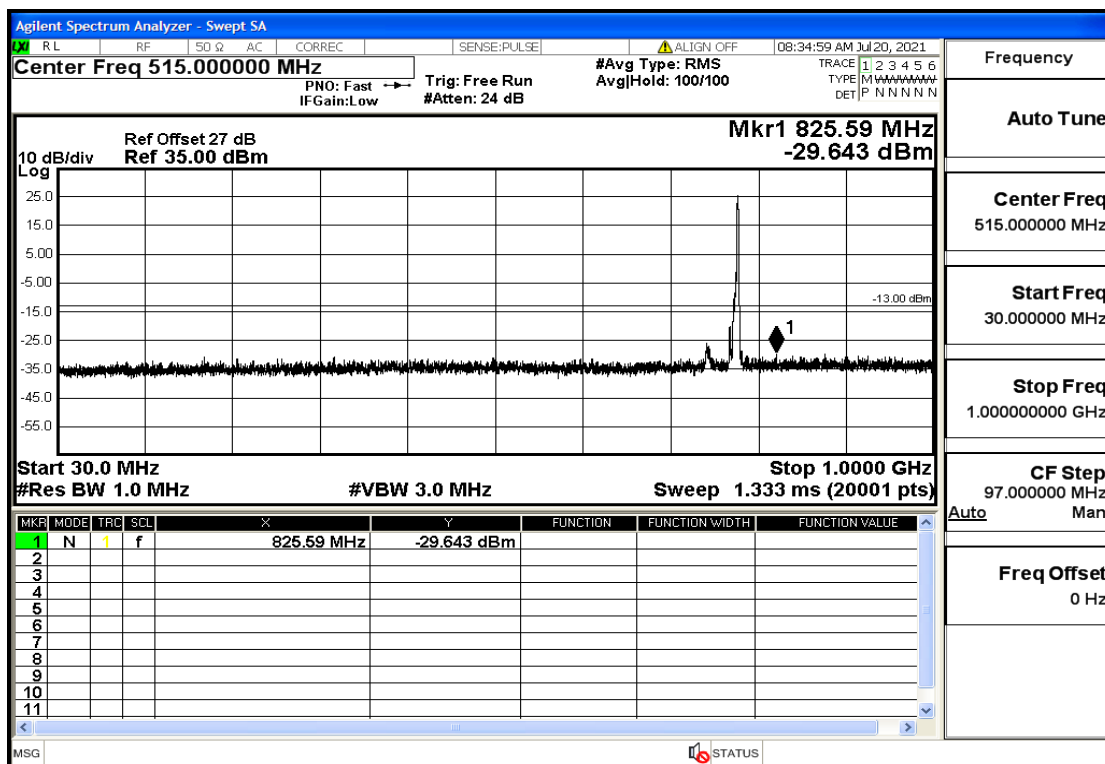
OB13-5-779.5-Q16-1#MID@30mHz-1GHz@Pass



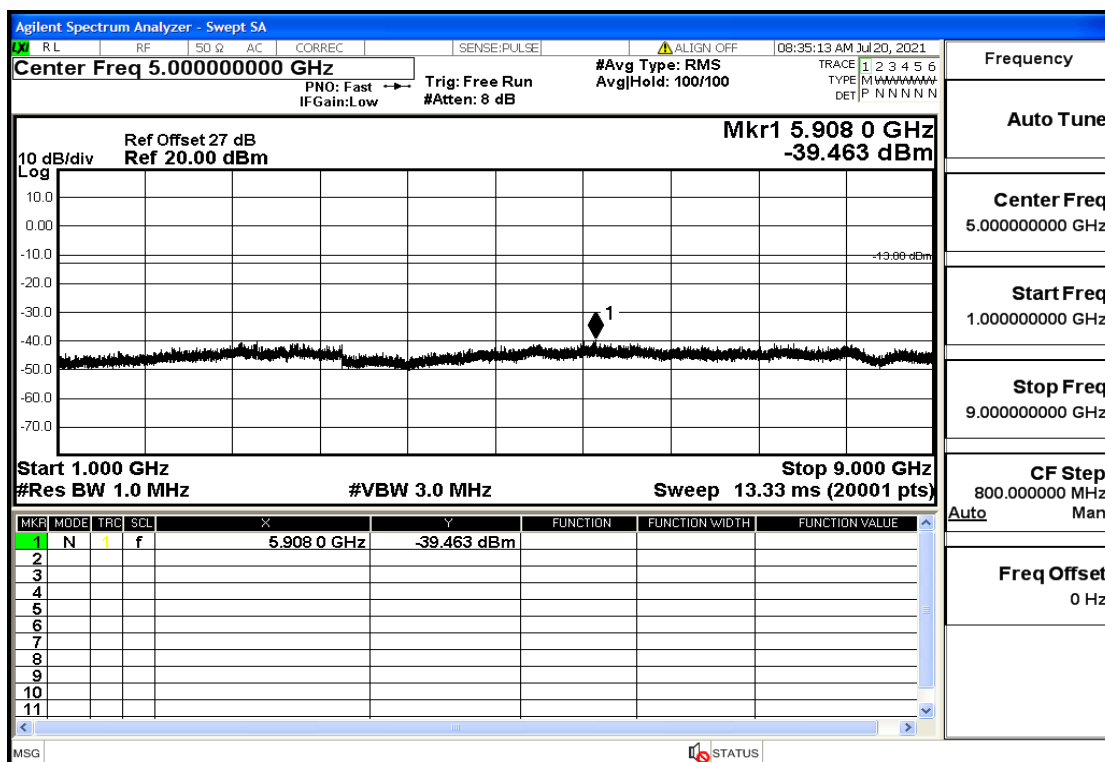
OB13-5-779.5-Q16-1#MID@1GHz-9GHz@Pass



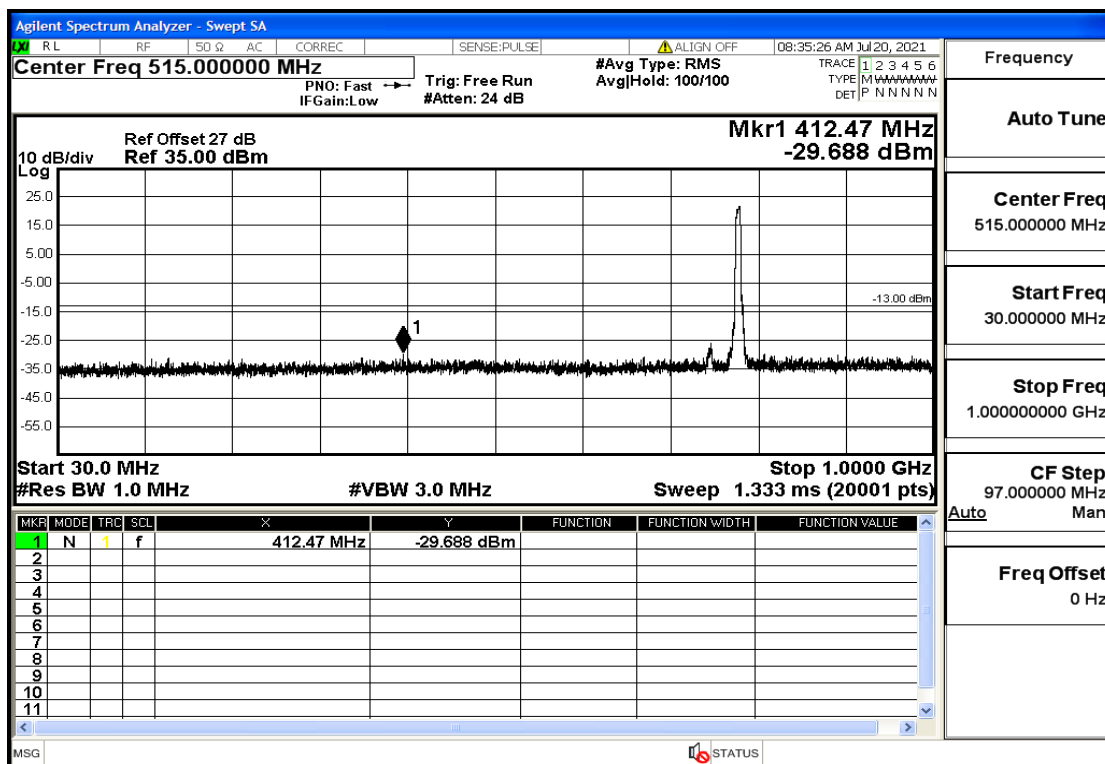
OB13-5-779.5-Q16-1#HIGH@30mHz-1GHz@Pass



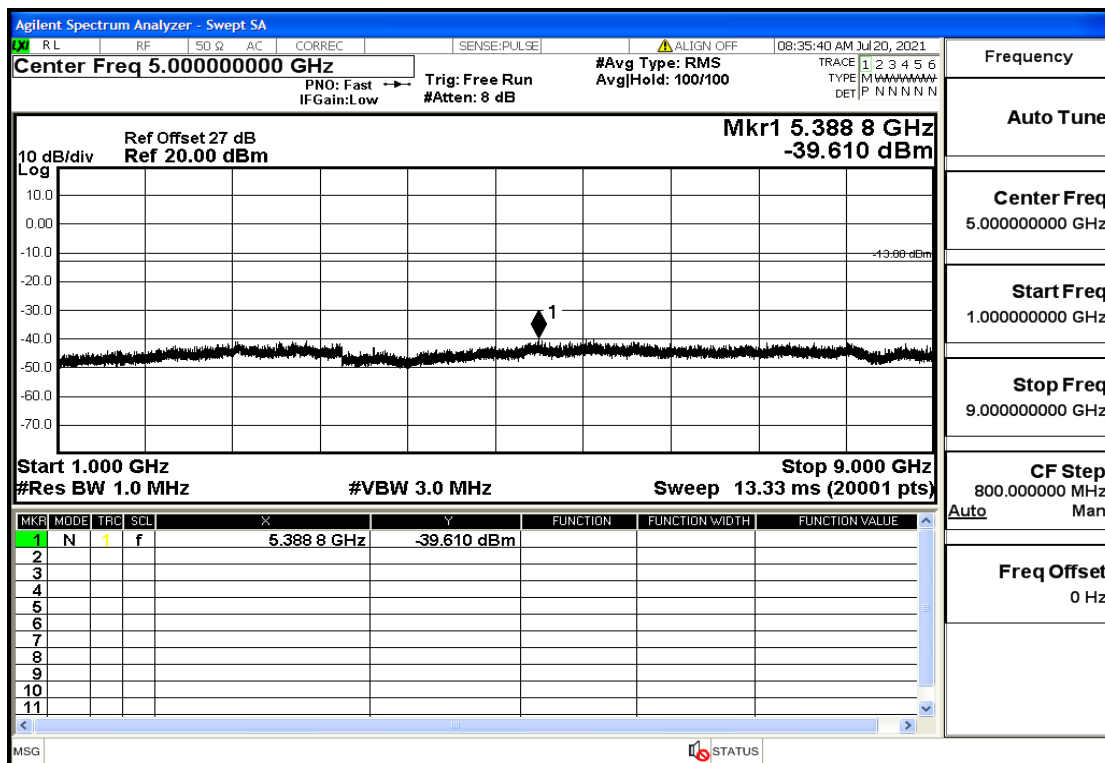
OB13-5-779.5-Q16-1#HIGH@1GHz-9GHz@Pass



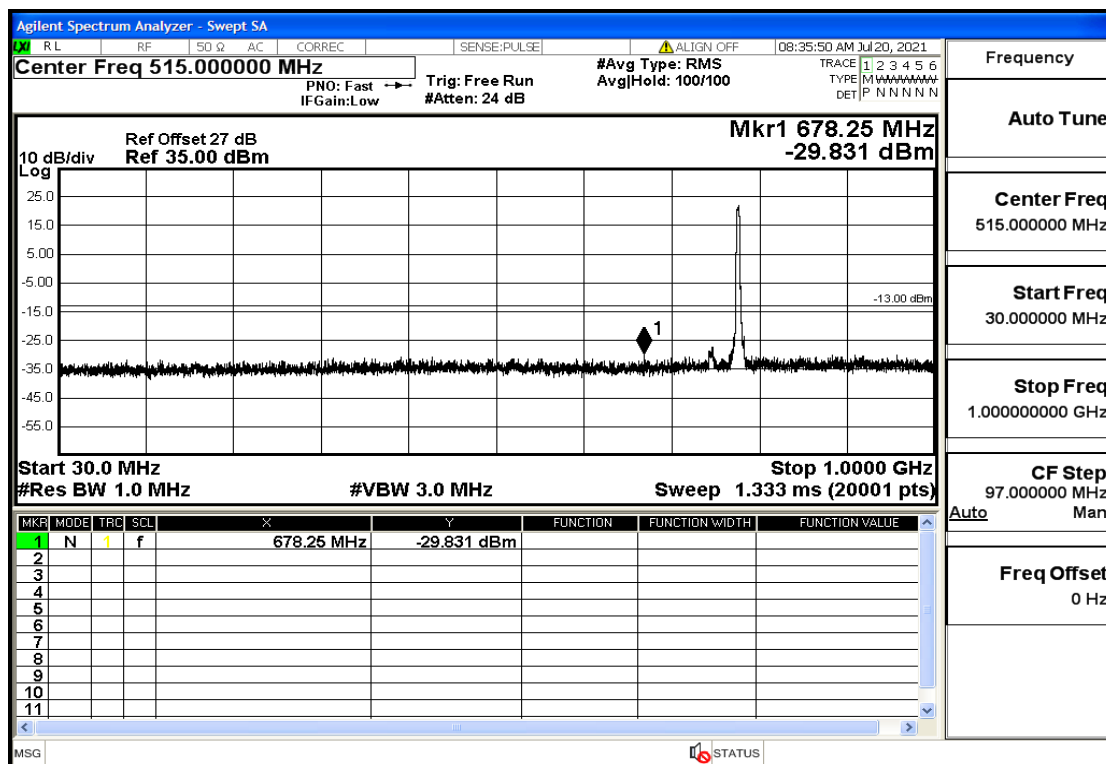
OB13-5-782-QPSK-25#LOW@30mHz-1GHz@Pass



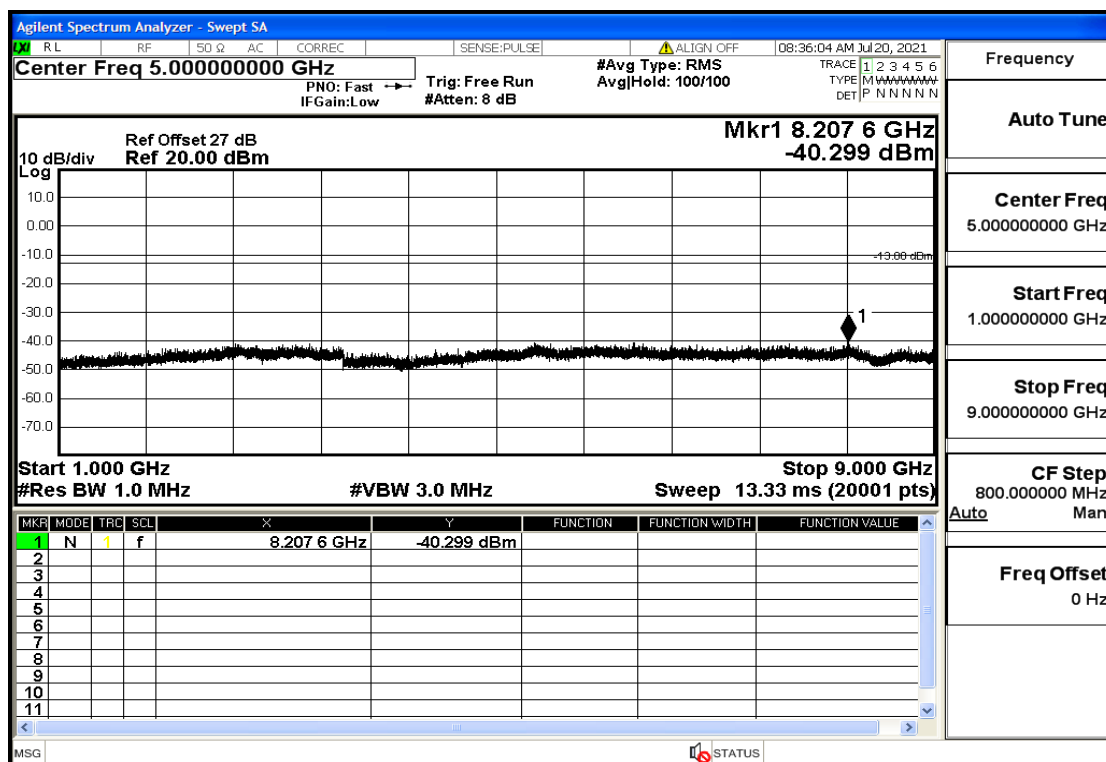
OB13-5-782-QPSK-25#LOW@1GHz-9GHz@Pass



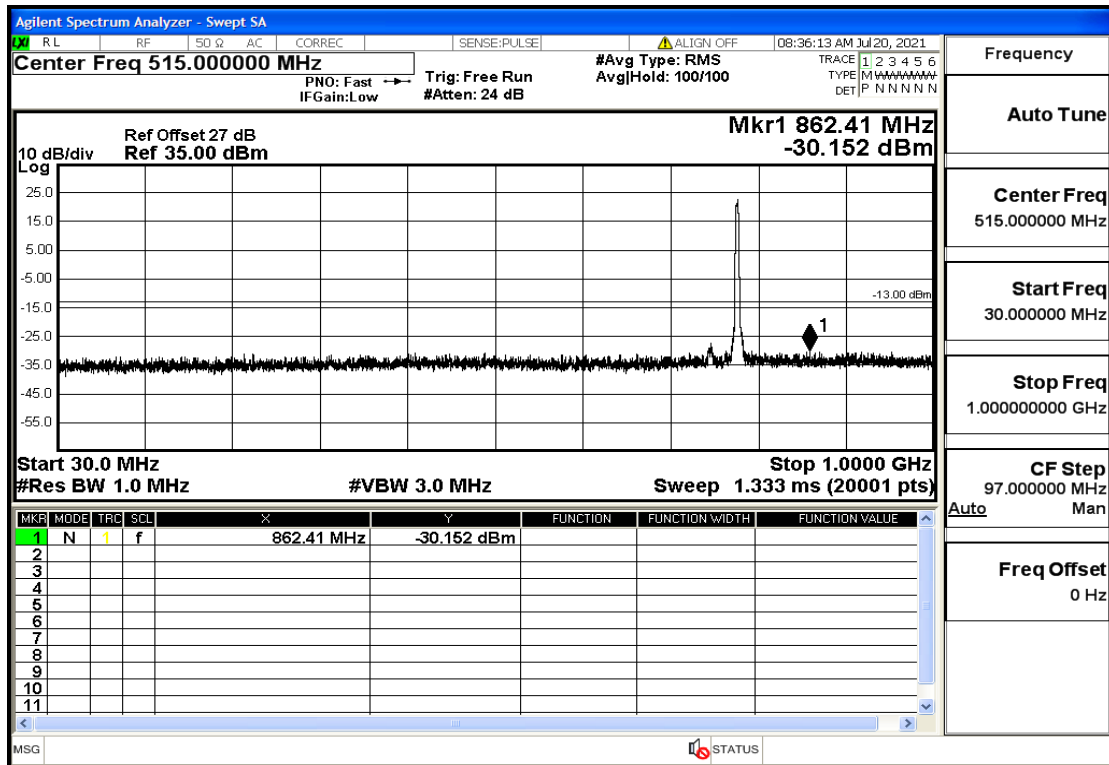
OB13-5-782-QPSK-12#LOW@30mHz-1GHz@Pass



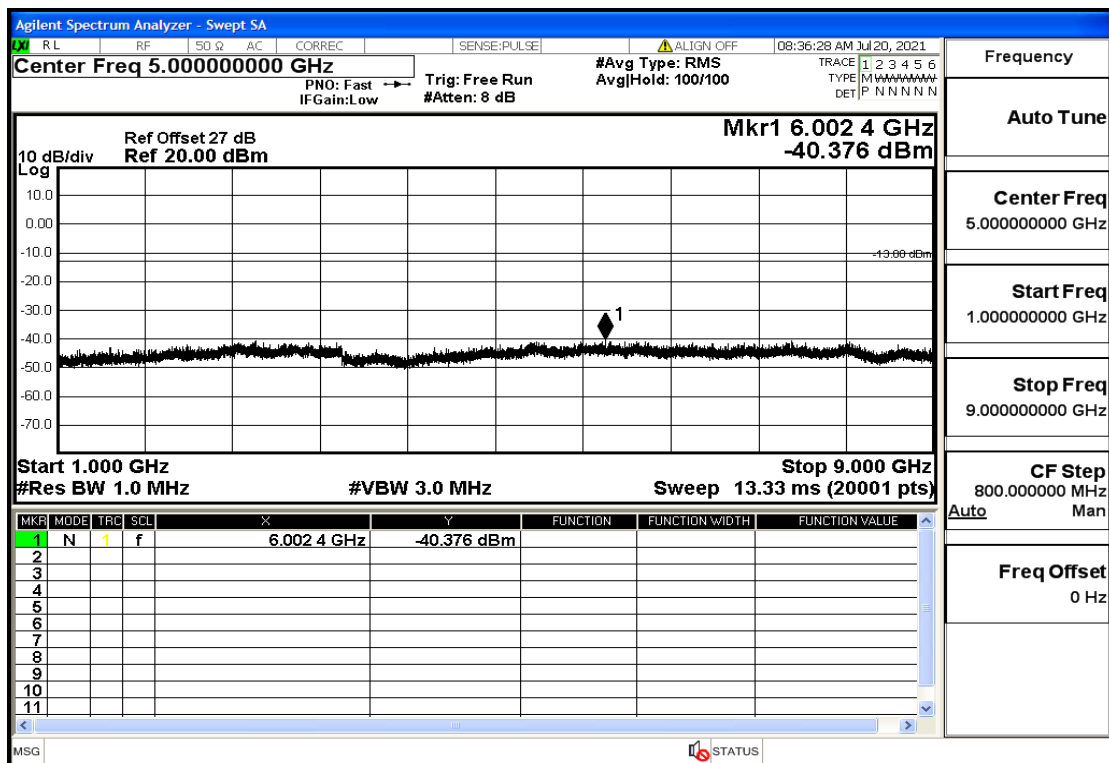
OB13-5-782-QPSK-12#LOW@1GHz-9GHz@Pass



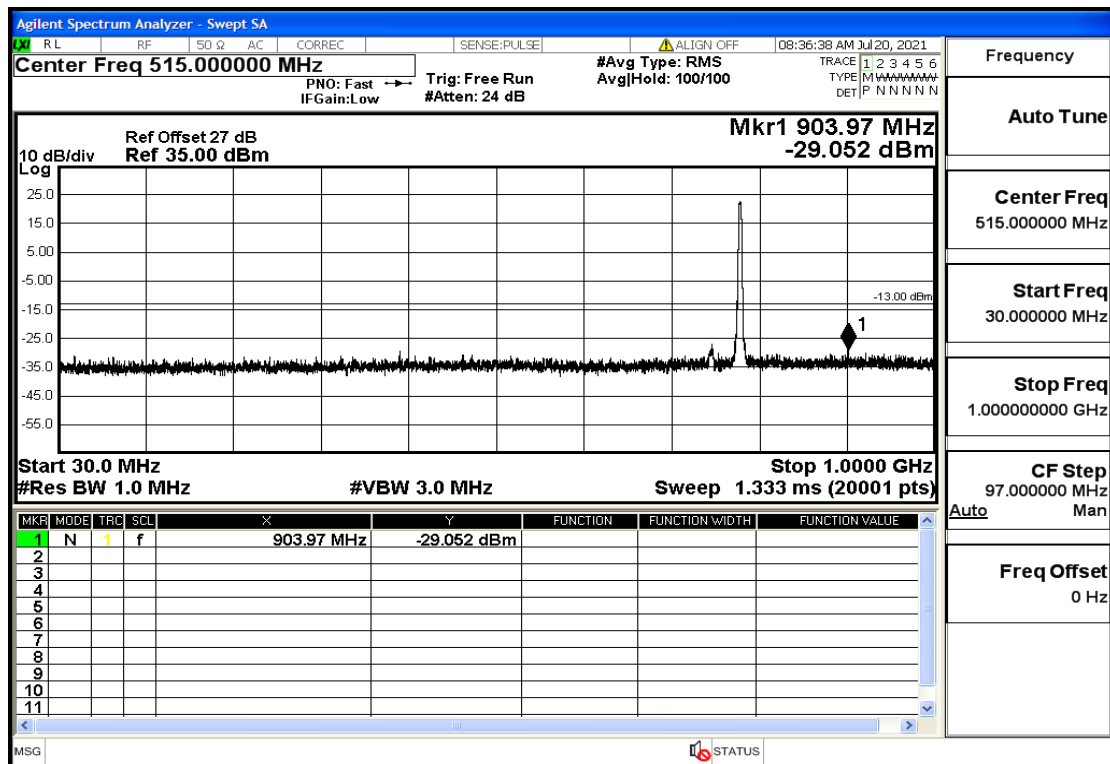
OB13-5-782-QPSK-12#MID@30mHz-1GHz@Pass



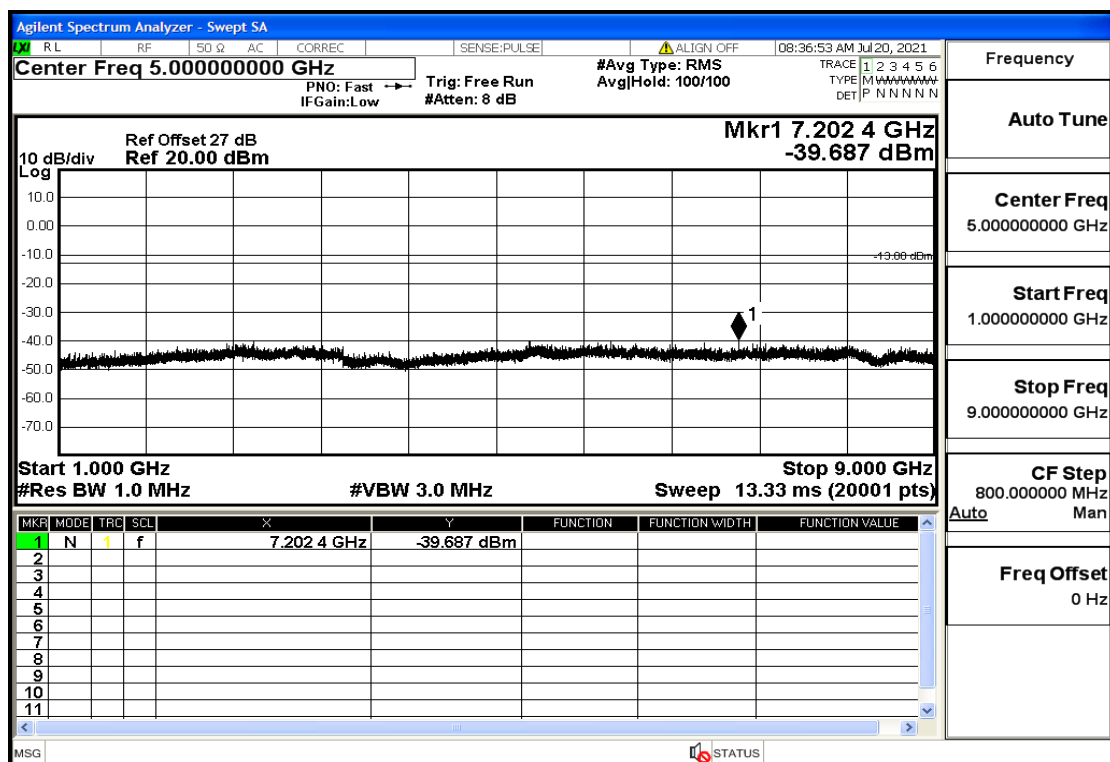
OB13-5-782-QPSK-12#MID@1GHz-9GHz@Pass



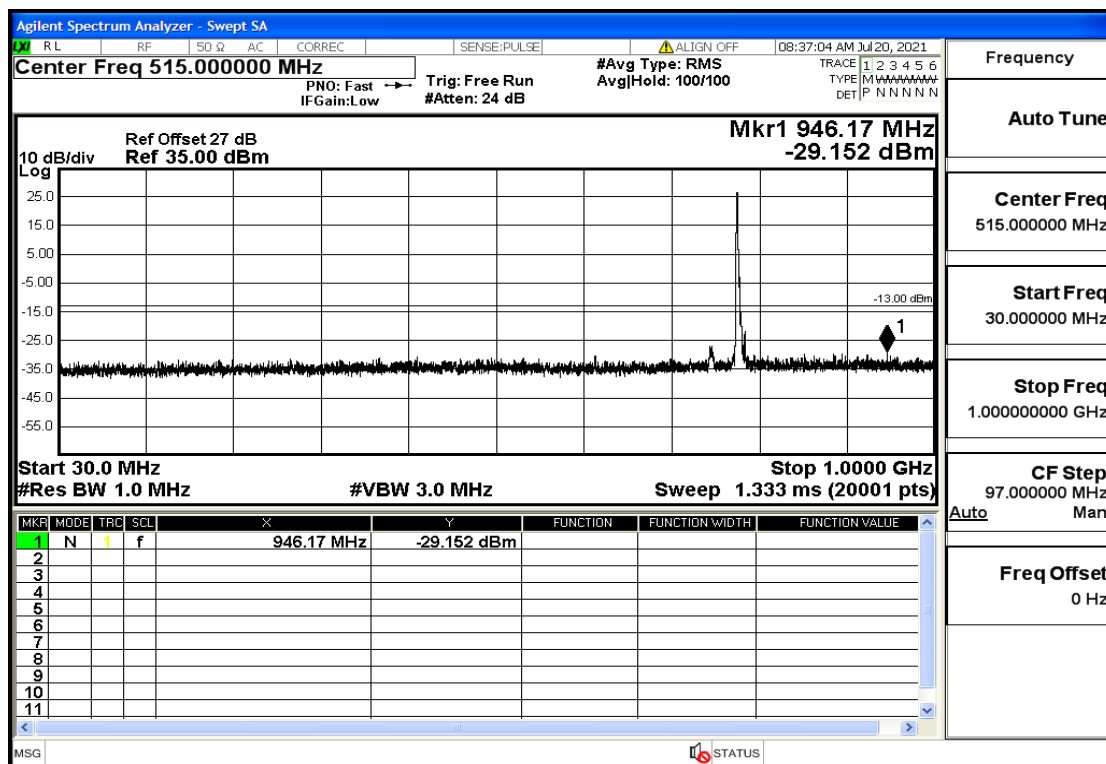
OB13-5-782-QPSK-12#HIGH@30mHz-1GHz@Pass



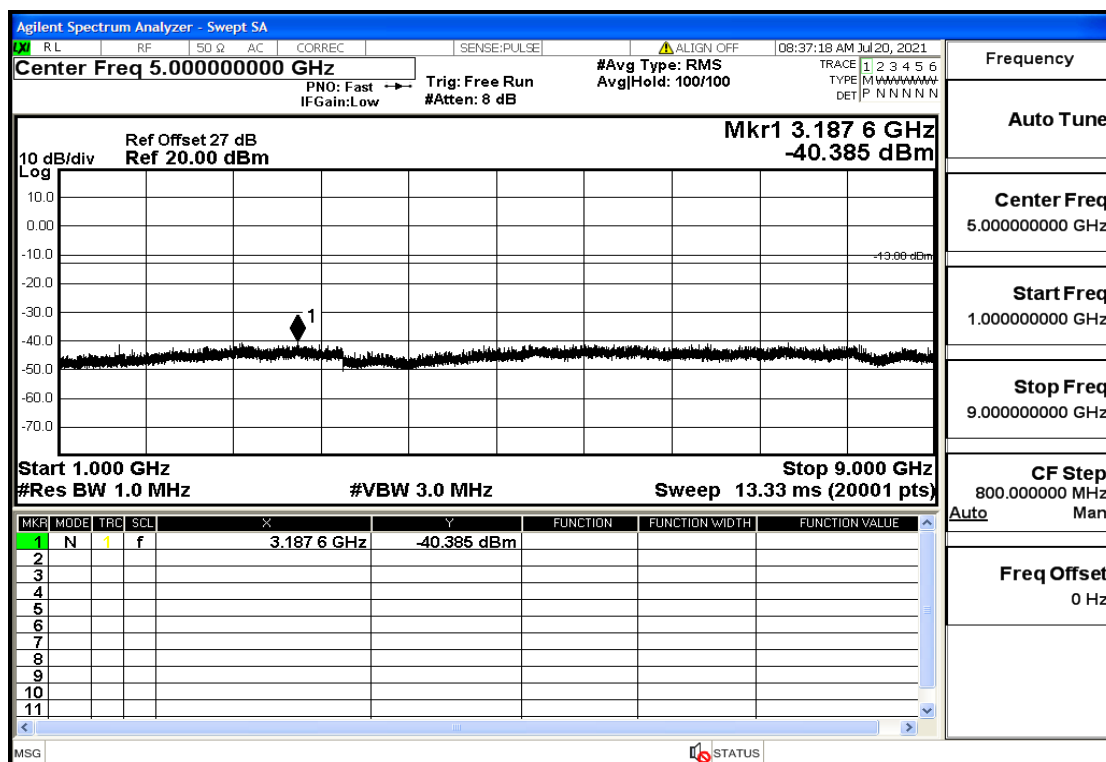
OB13-5-782-QPSK-12#HIGH@1GHz-9GHz@Pass



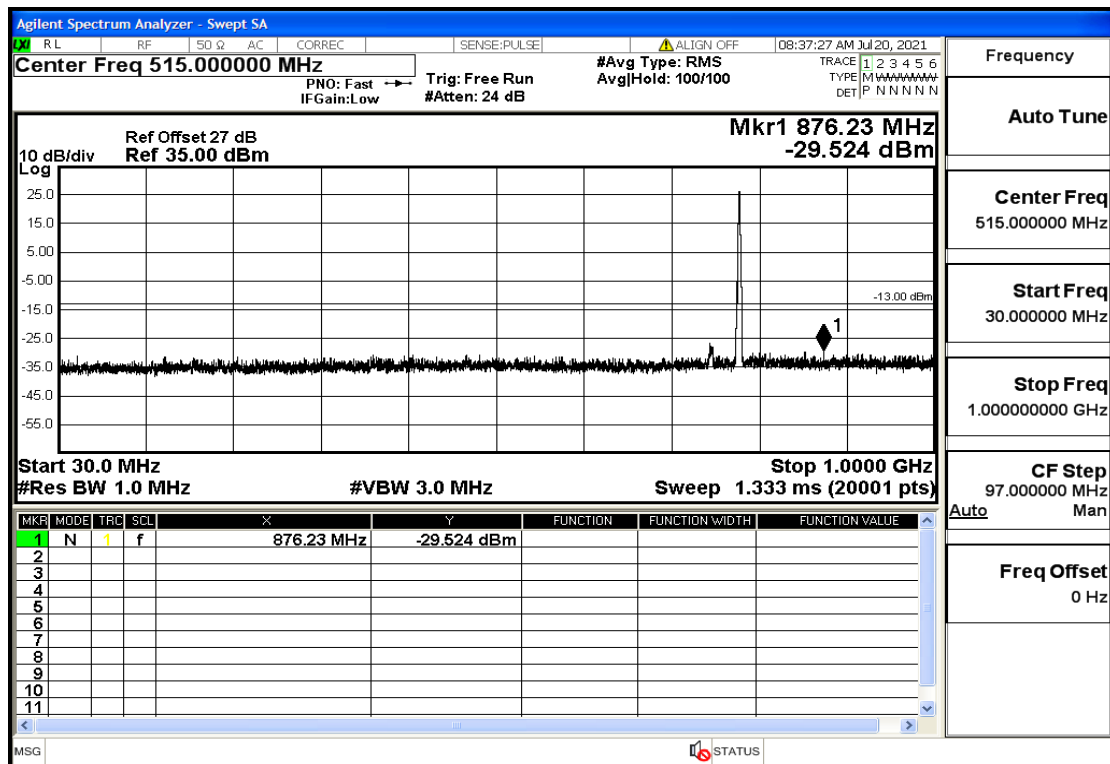
OB13-5-782-QPSK-1#LOW@30mHz-1GHz@Pass



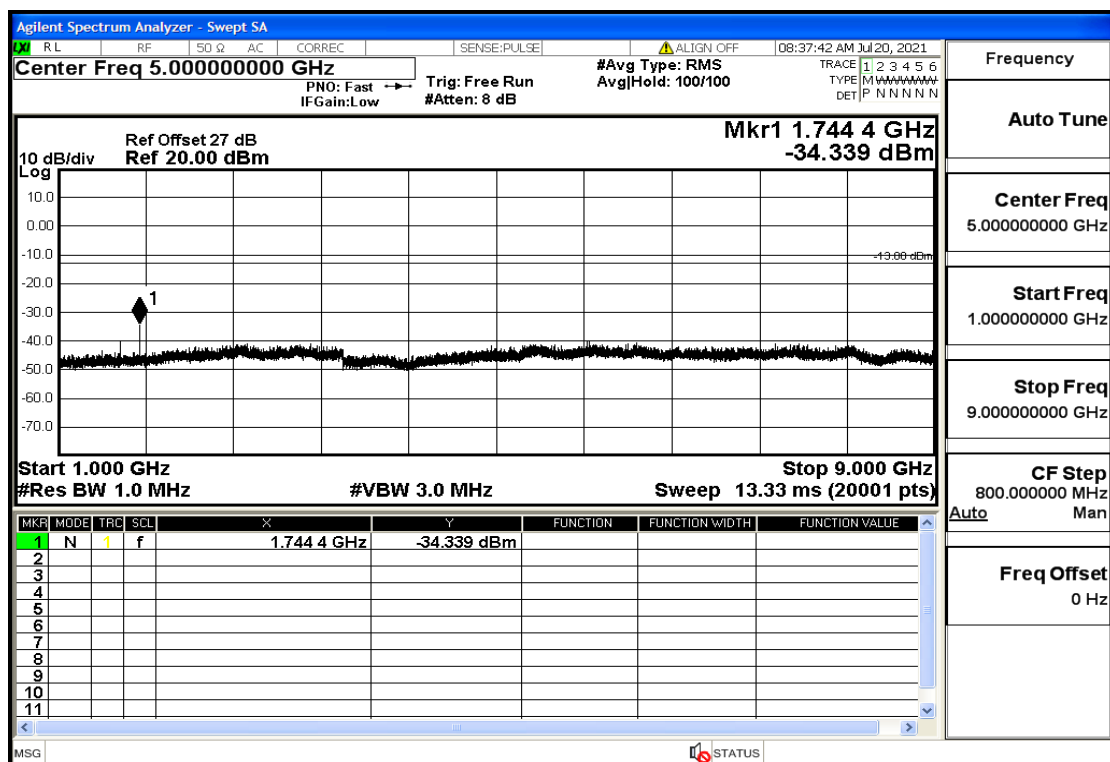
OB13-5-782-QPSK-1#LOW@1GHz-9GHz@Pass



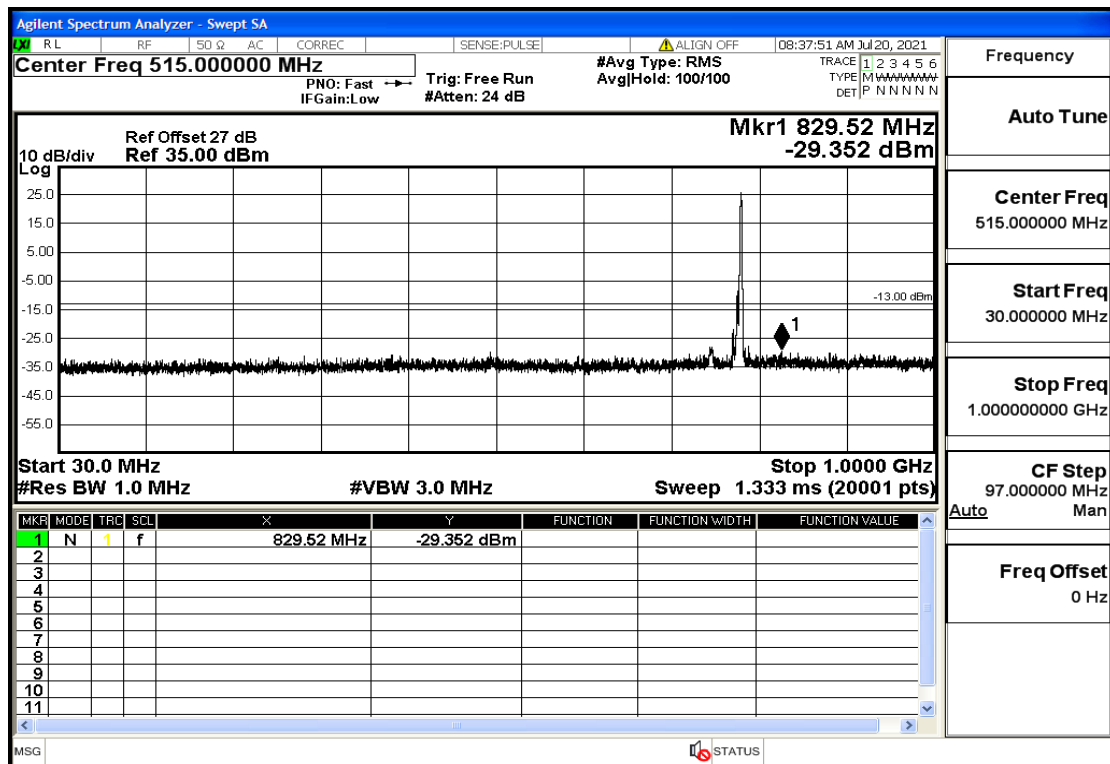
OB13-5-782-QPSK-1#MID@30mHz-1GHz@Pass



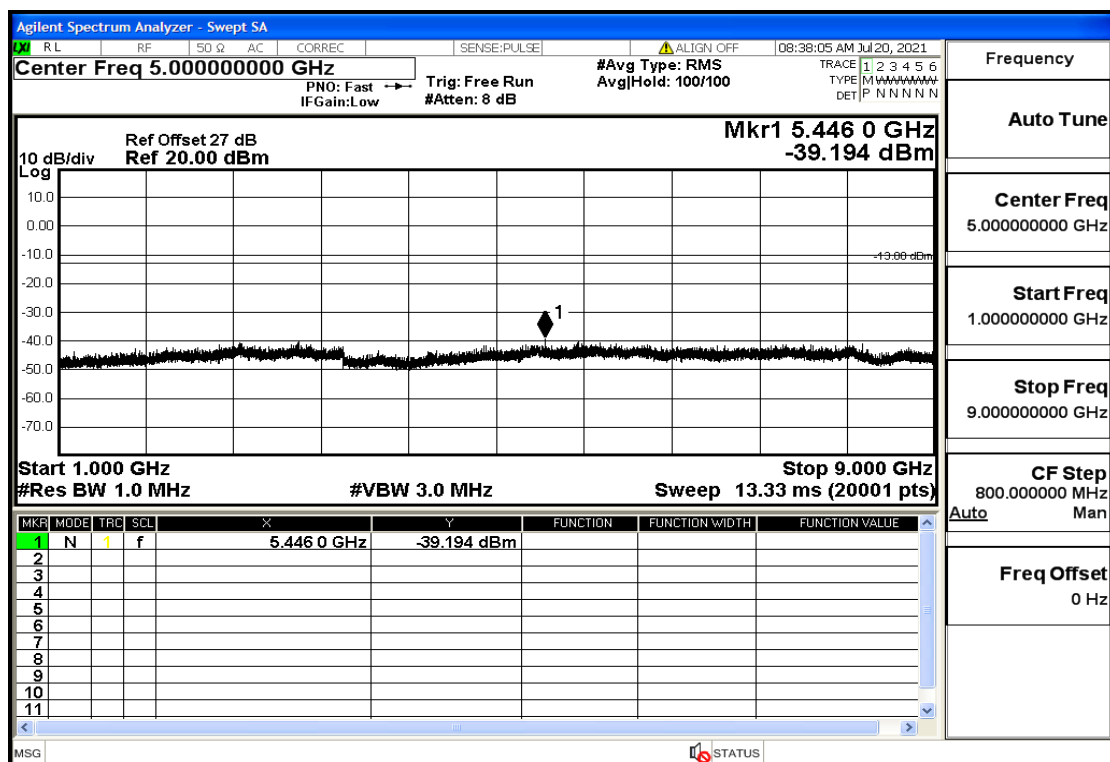
OB13-5-782-QPSK-1#MID@1GHz-9GHz@Pass



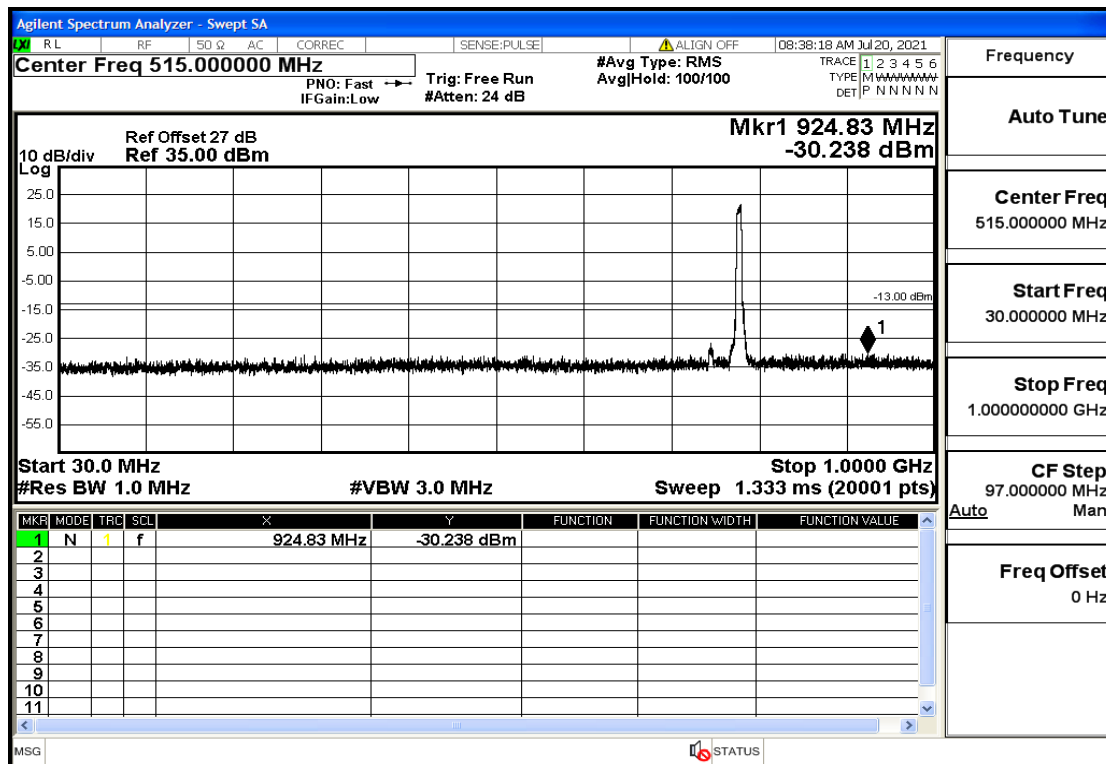
OB13-5-782-QPSK-1#HIGH@30mHz-1GHz@Pass



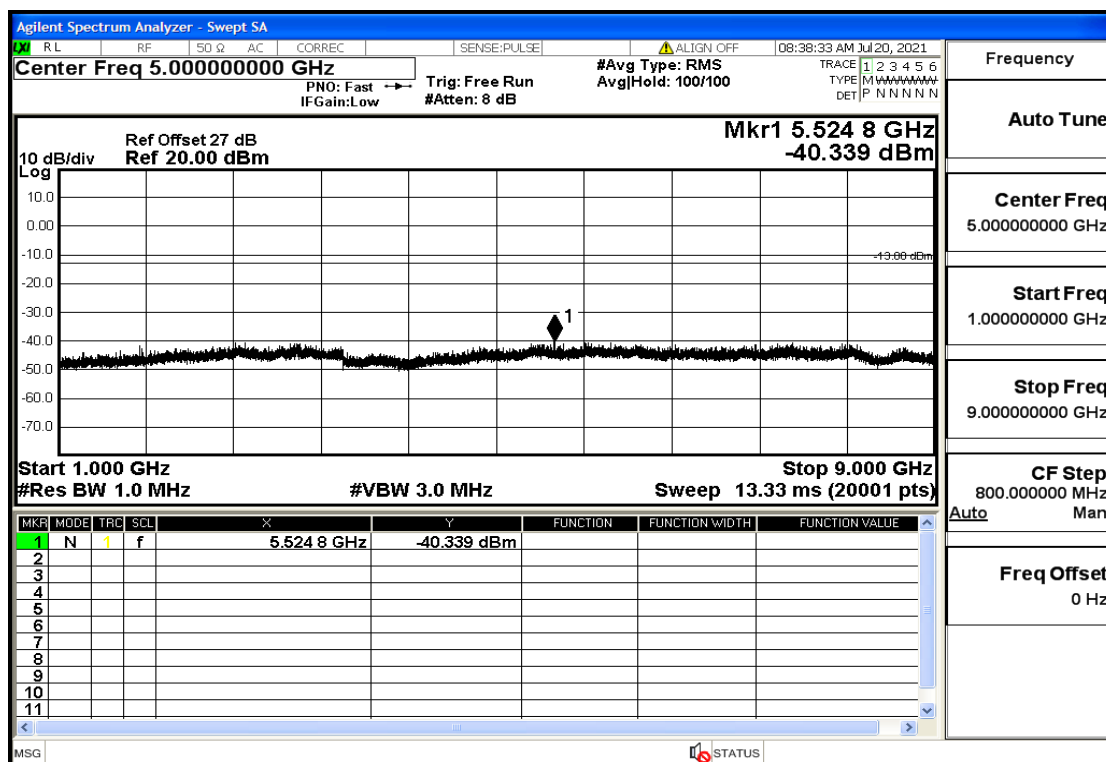
OB13-5-782-QPSK-1#HIGH@1GHz-9GHz@Pass



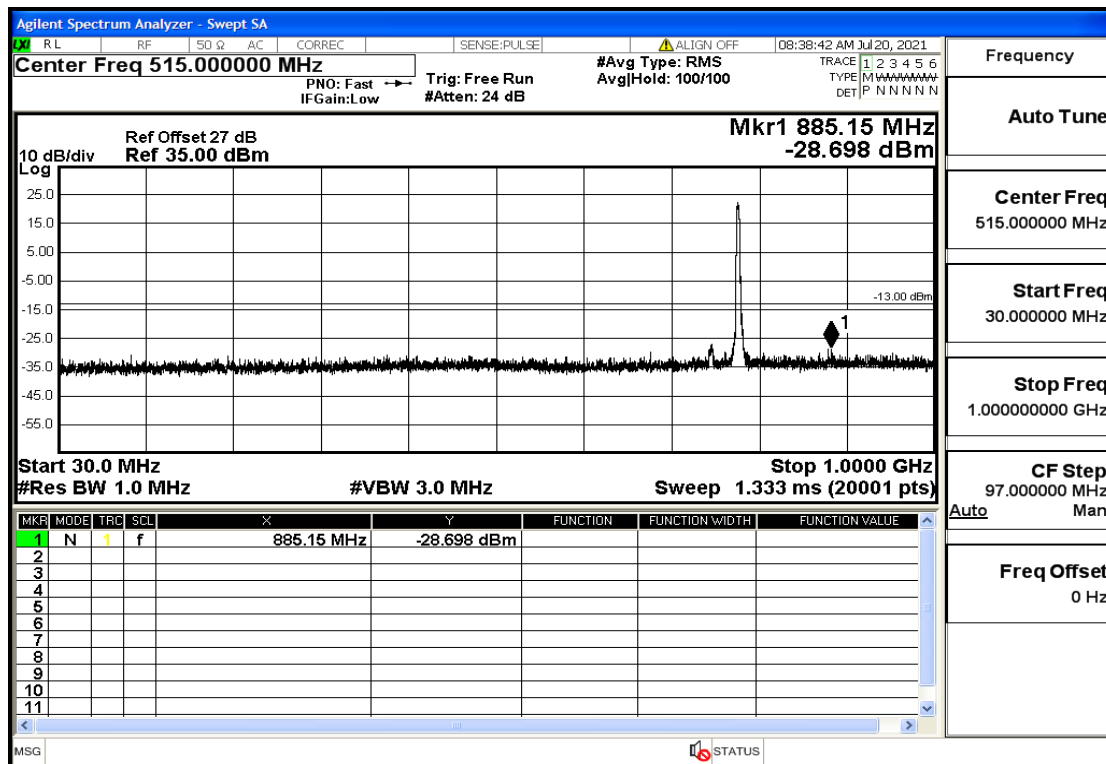
OB13-5-782-Q16-25#LOW@30mHz-1GHz@Pass



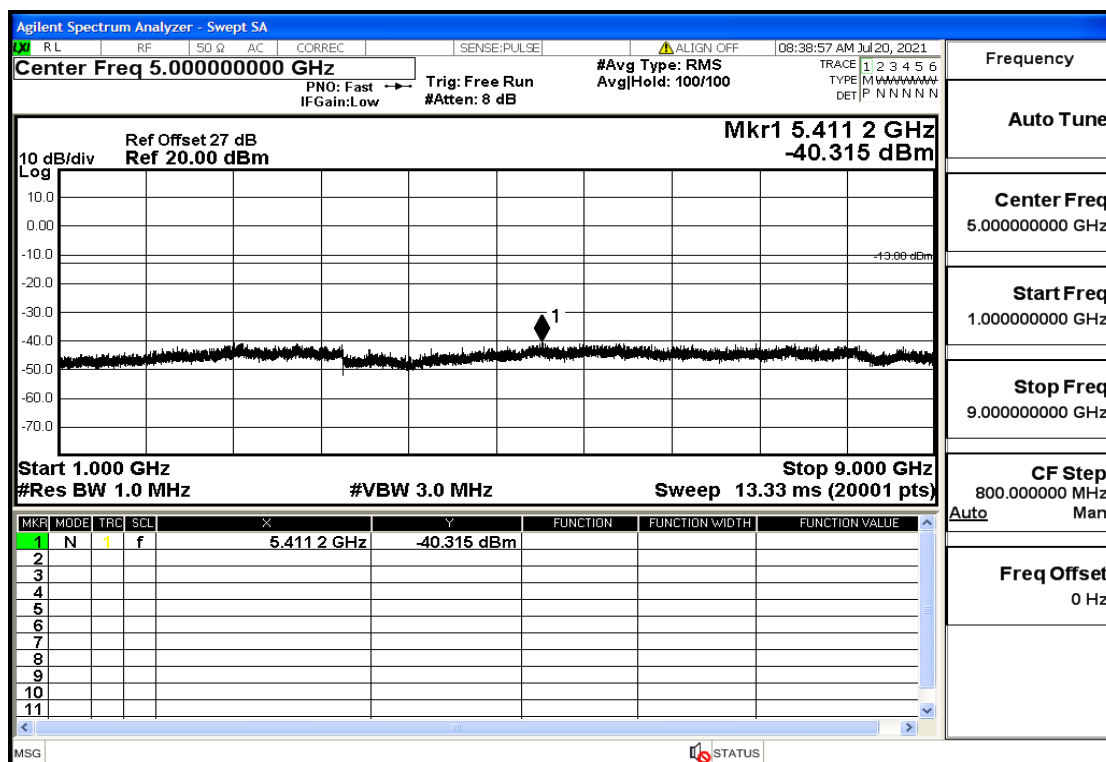
OB13-5-782-Q16-25#LOW@1GHz-9GHz@Pass



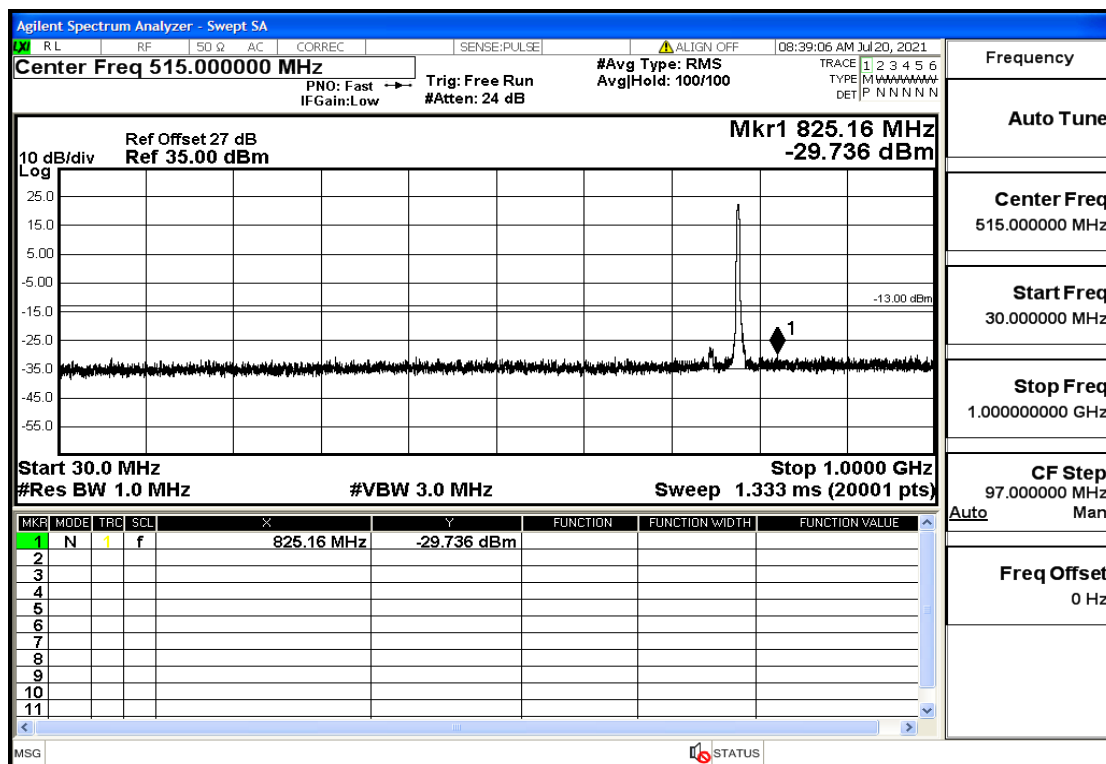
OB13-5-782-Q16-12#LOW@30mHz-1GHz@Pass



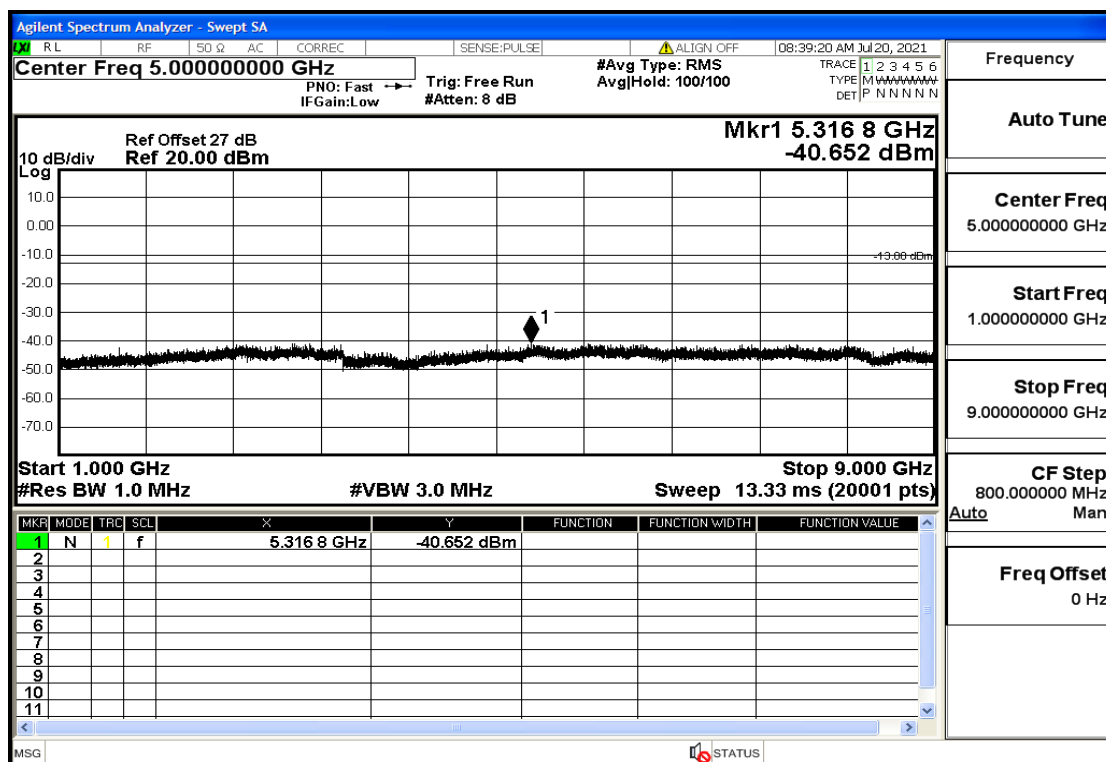
OB13-5-782-Q16-12#LOW@1GHz-9GHz@Pass



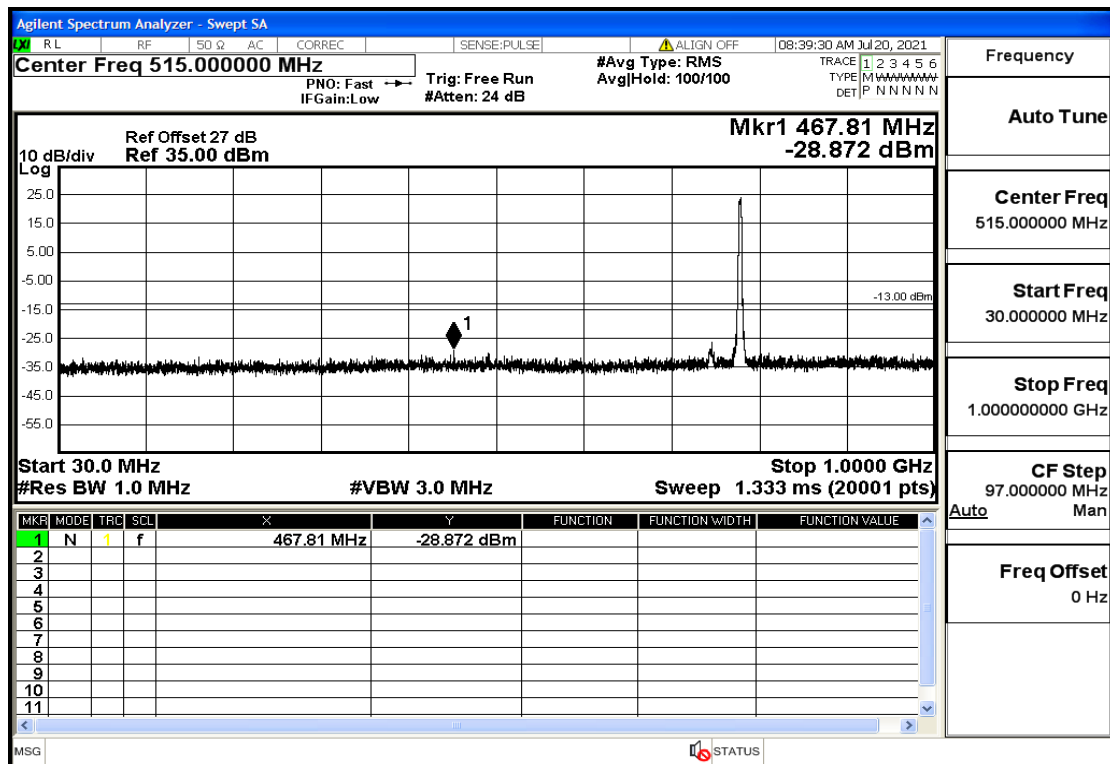
OB13-5-782-Q16-12#MID@30mHz-1GHz@Pass



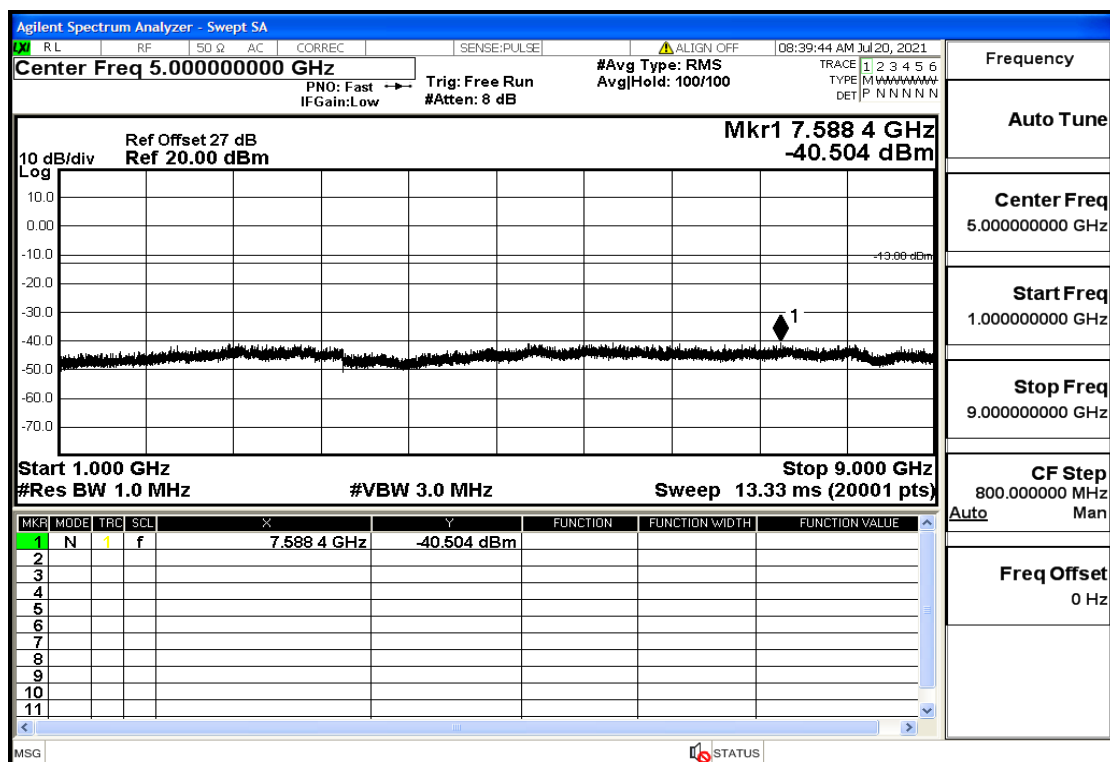
OB13-5-782-Q16-12#MID@1GHz-9GHz@Pass



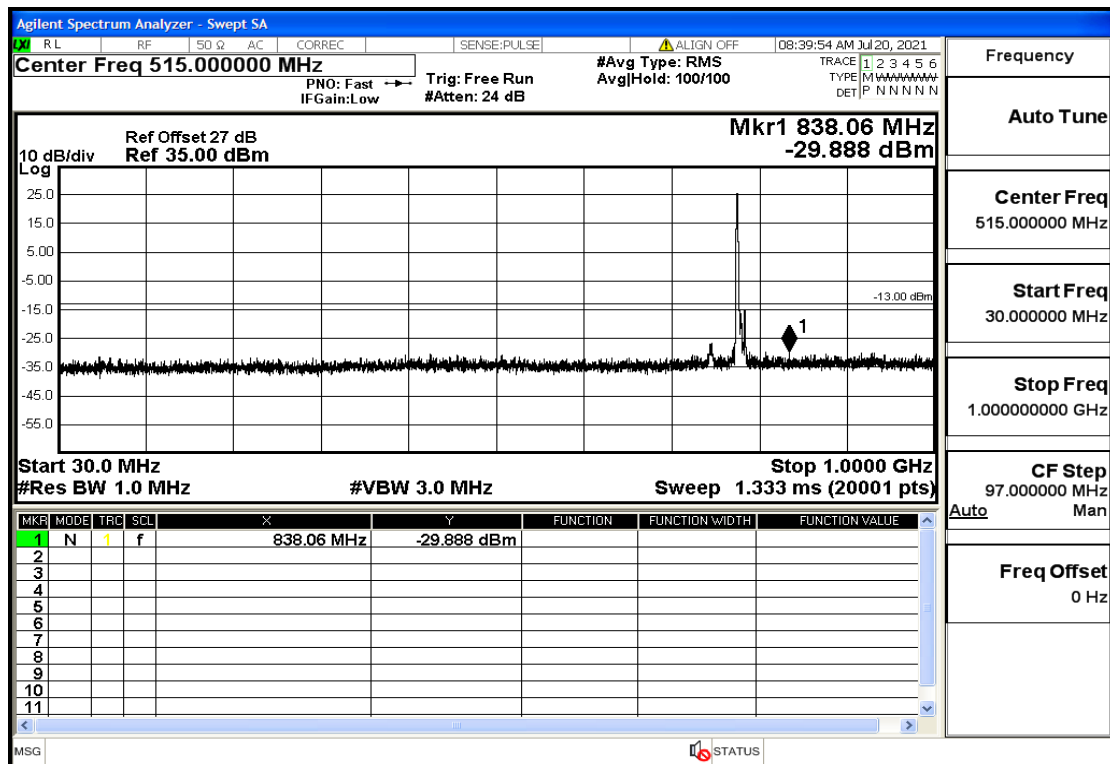
OB13-5-782-Q16-12#HIGH@30mHz-1GHz@Pass



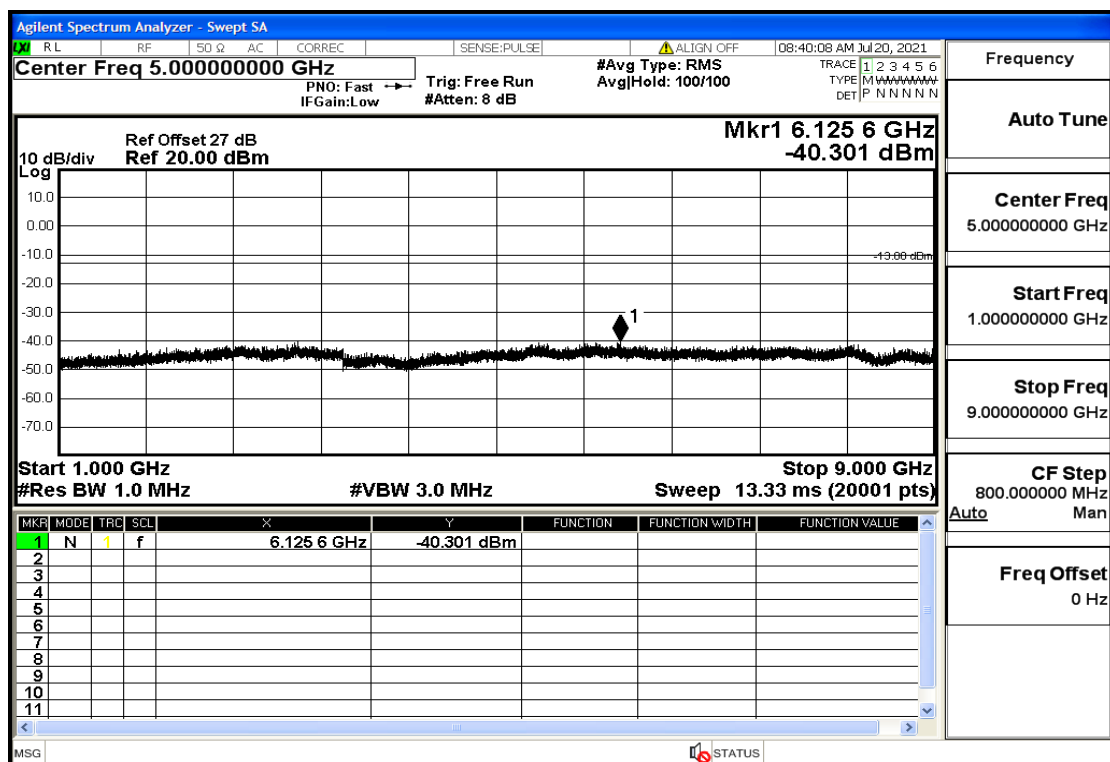
OB13-5-782-Q16-12#HIGH@1GHz-9GHz@Pass



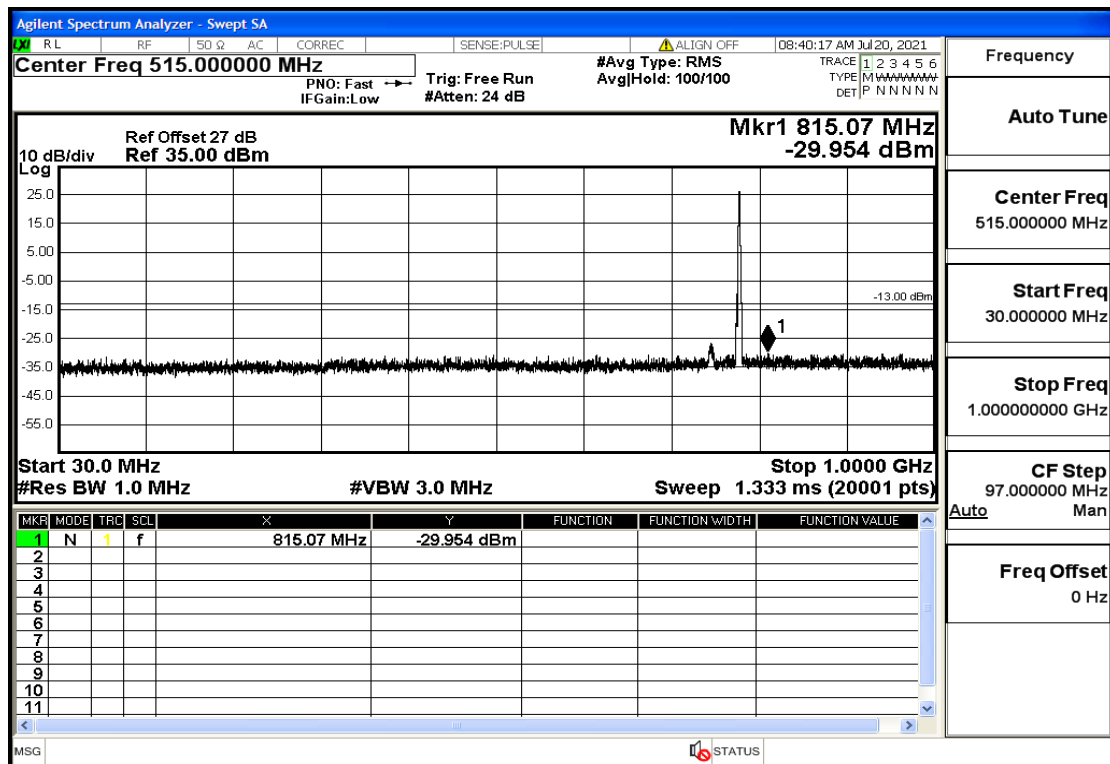
OB13-5-782-Q16-1#LOW@30mHz-1GHz@Pass



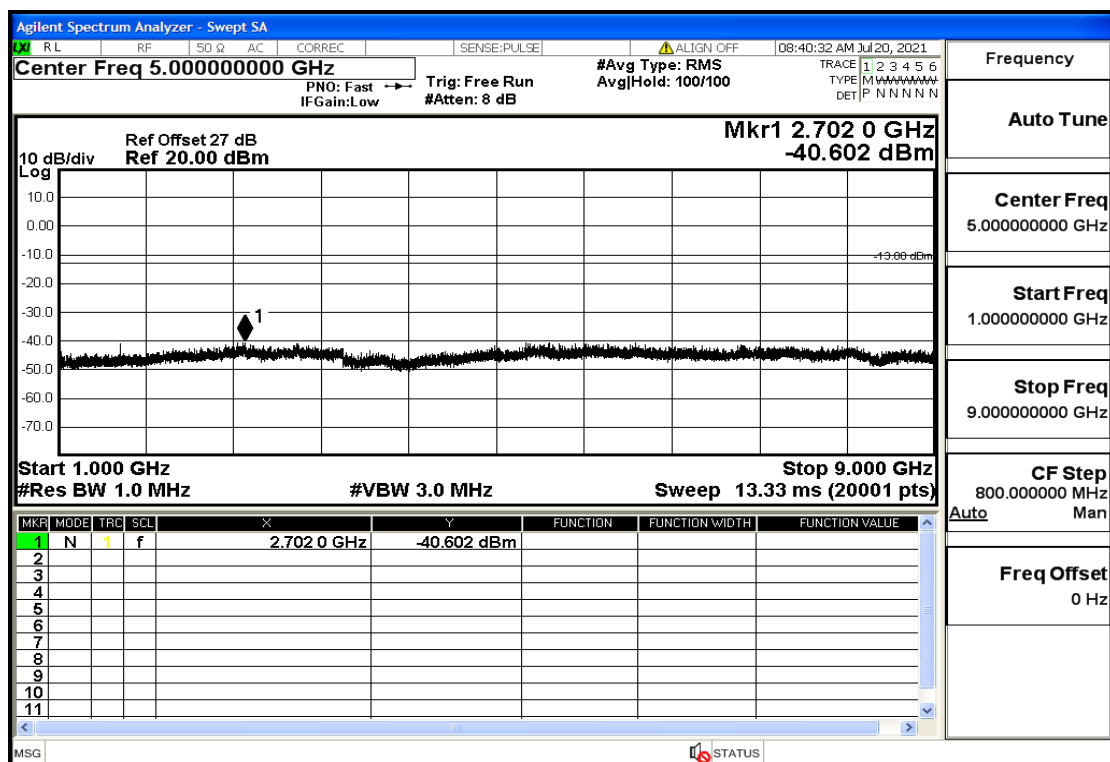
OB13-5-782-Q16-1#LOW@1GHz-9GHz@Pass



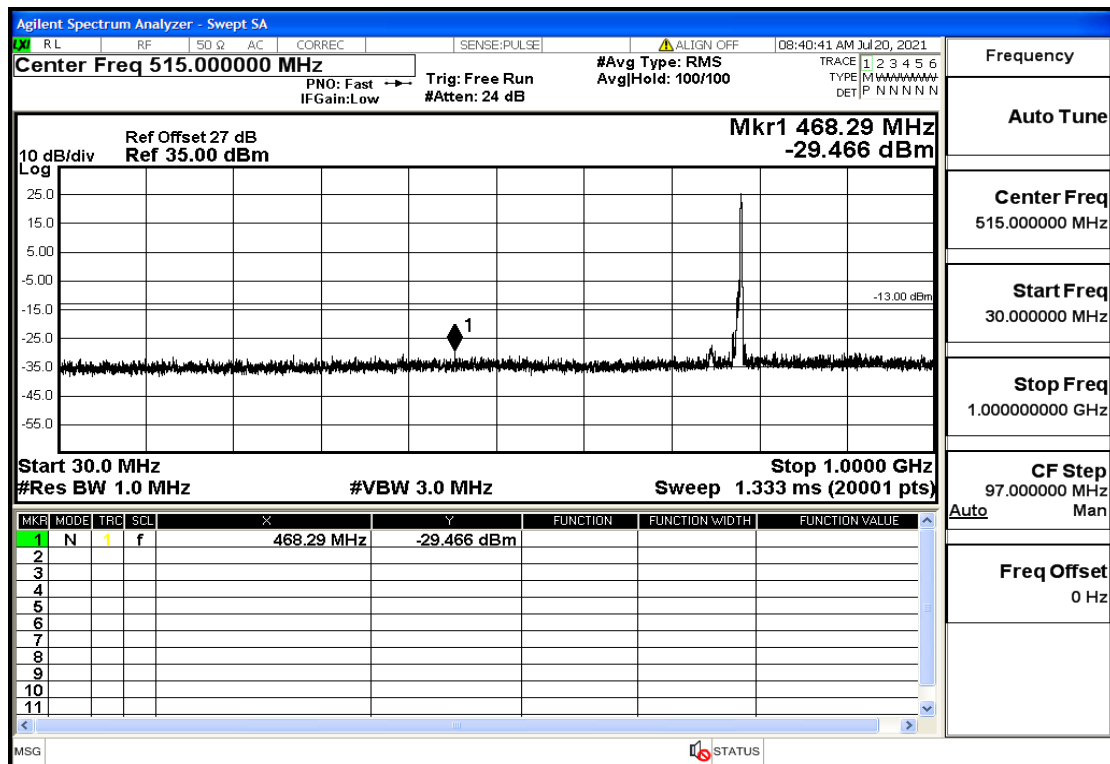
OB13-5-782-Q16-1#MID@30mHz-1GHz@Pass



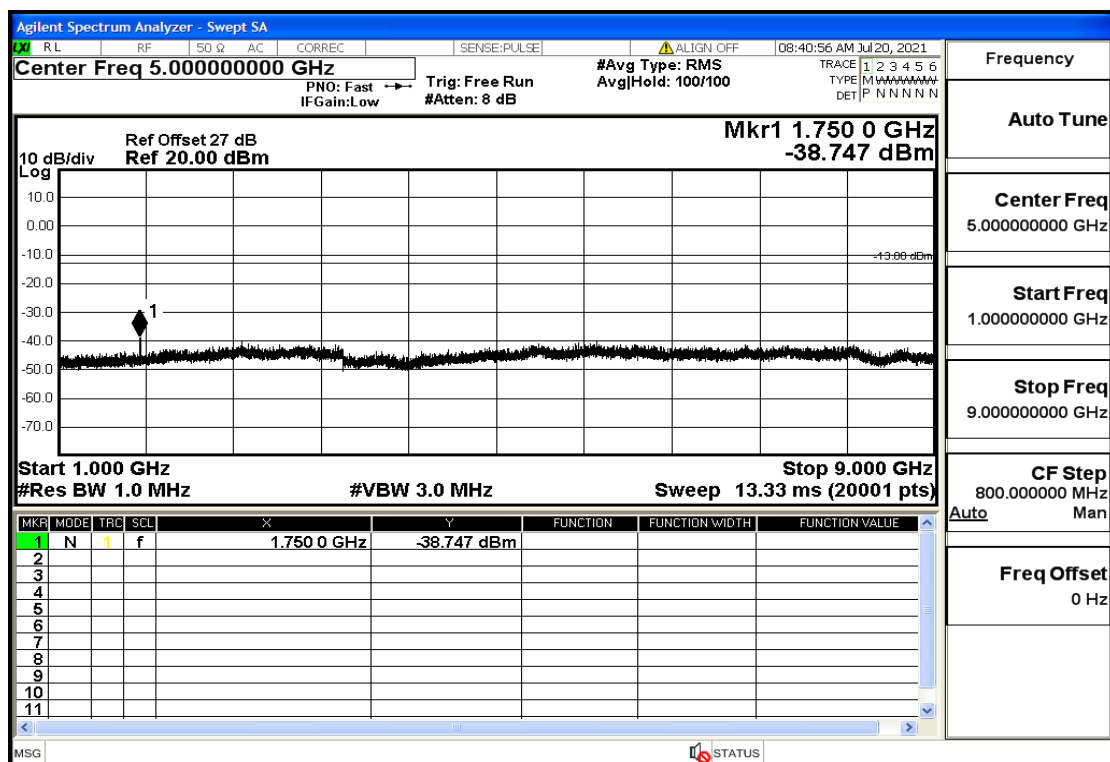
OB13-5-782-Q16-1#MID@1GHz-9GHz@Pass



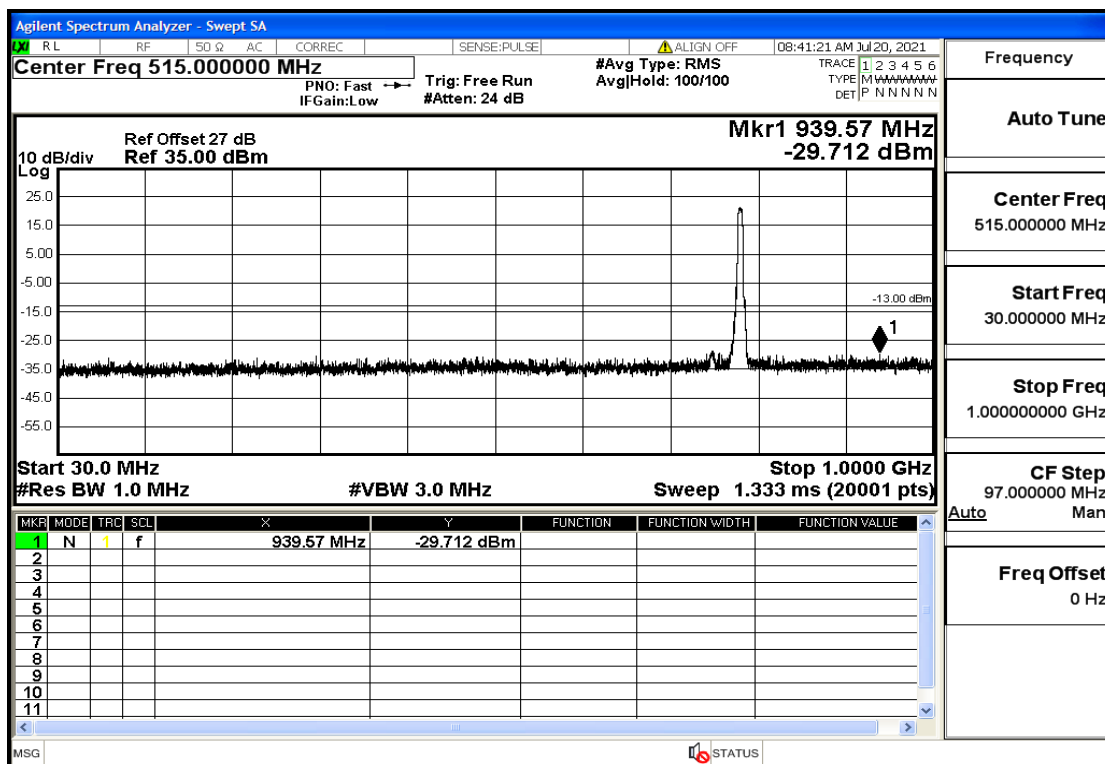
OB13-5-782-Q16-1#HIGH@30mHz-1GHz@Pass



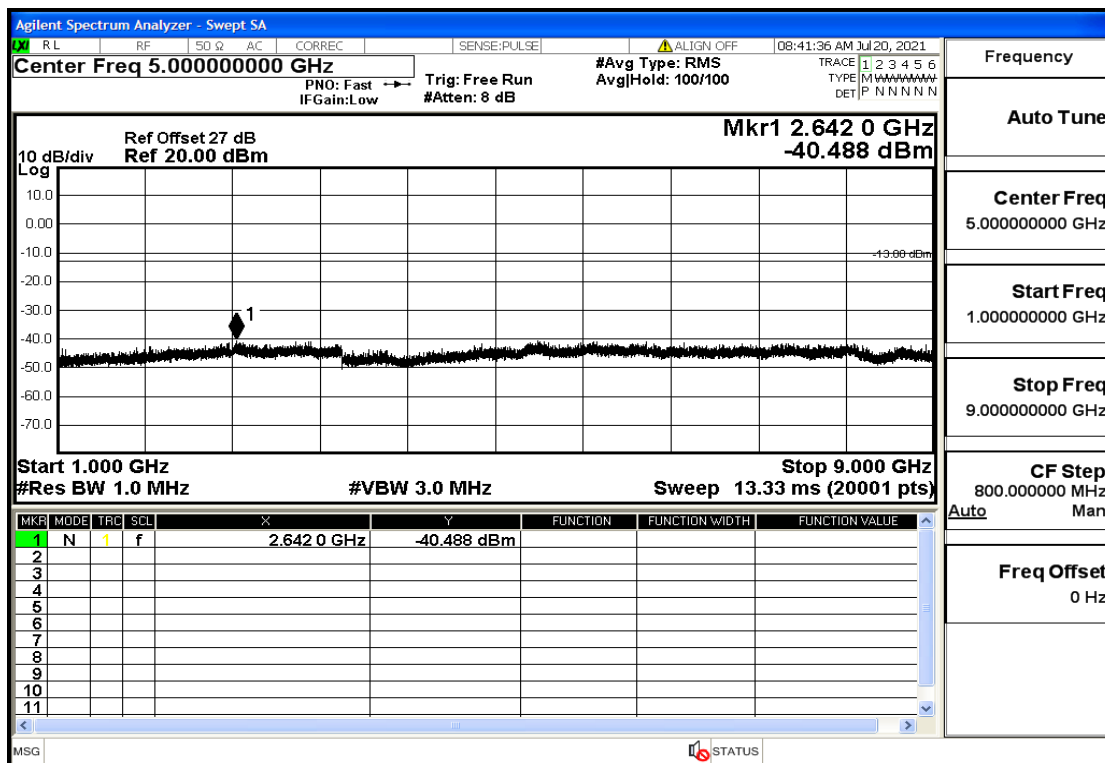
OB13-5-782-Q16-1#HIGH@1GHz-9GHz@Pass



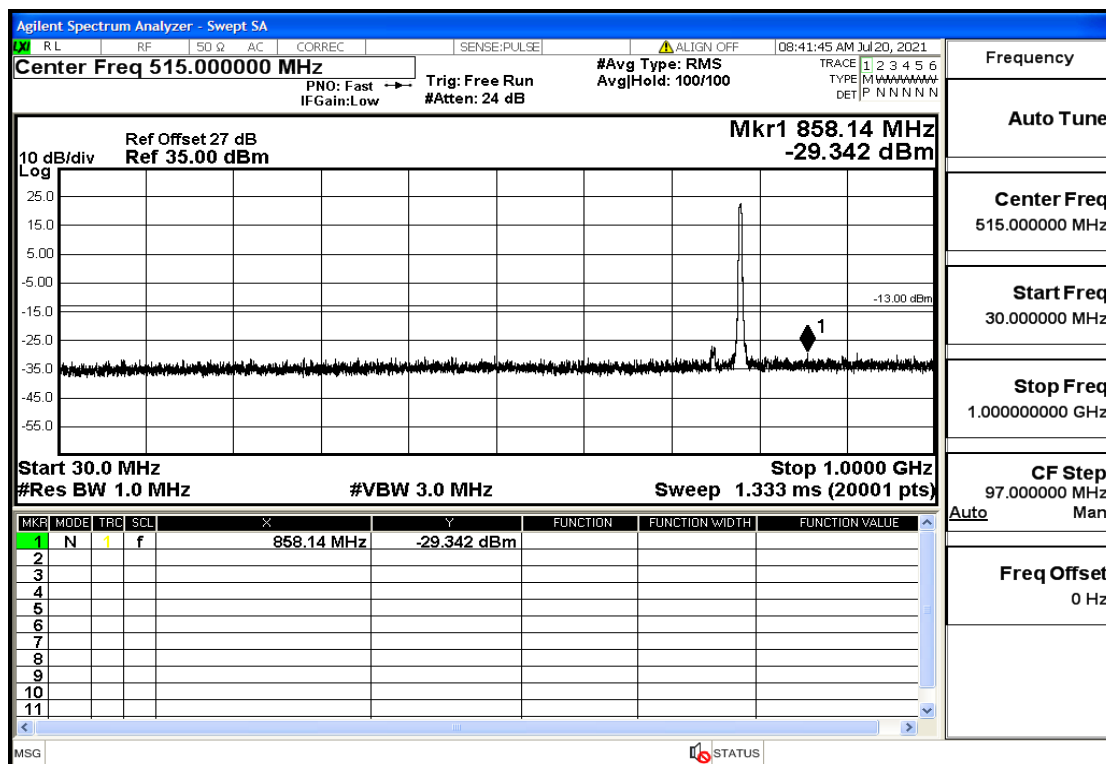
OB13-5-784.5-QPSK-25#LOW@30MHz-1GHz@Pass



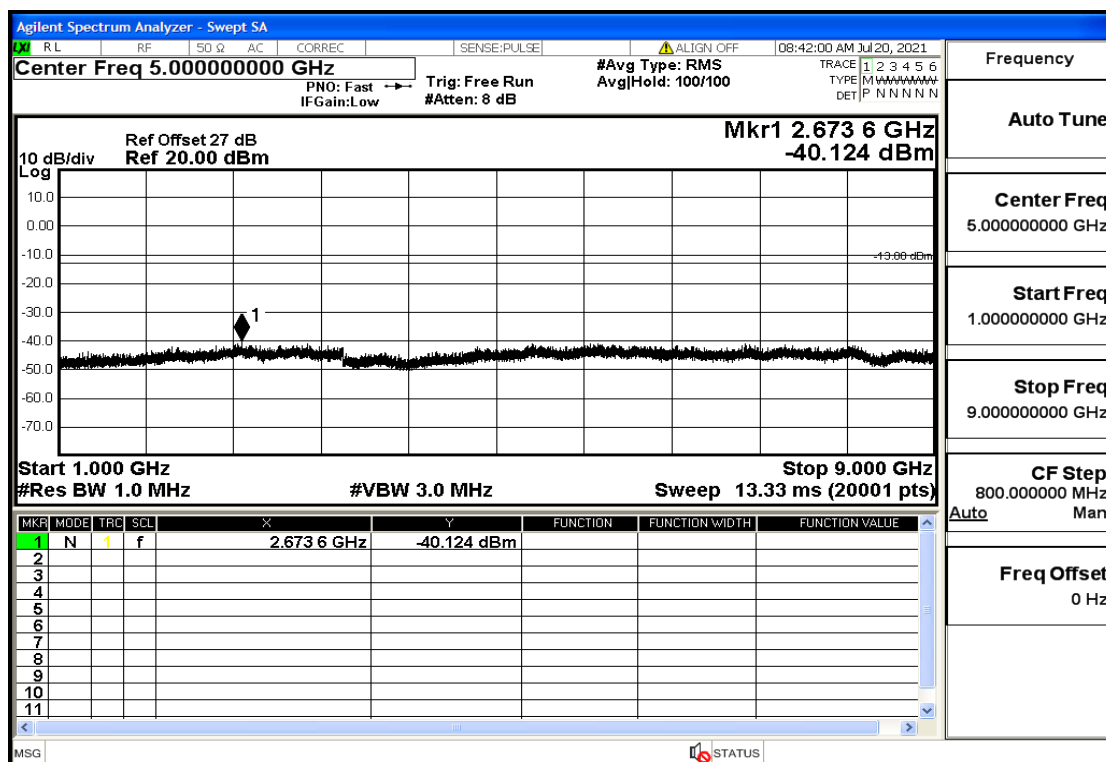
OB13-5-784.5-QPSK-25#LOW@1GHz-9GHz@Pass



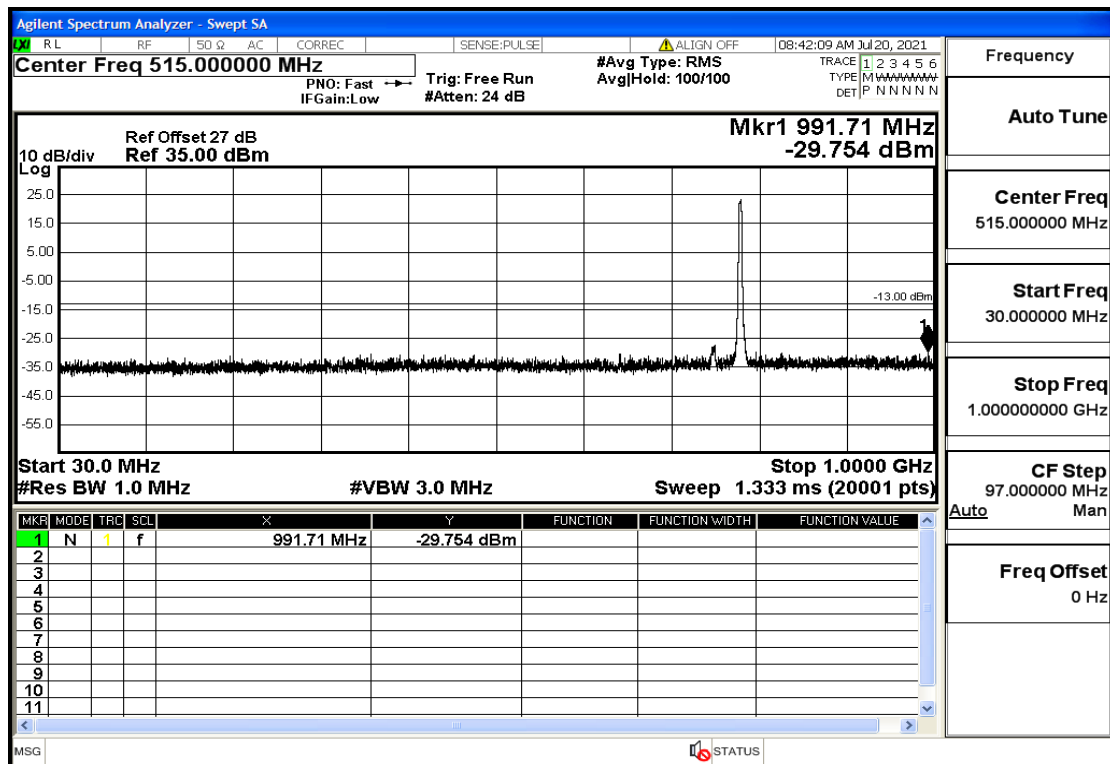
OB13-5-784.5-QPSK-12#LOW@30mHz-1GHz@Pass



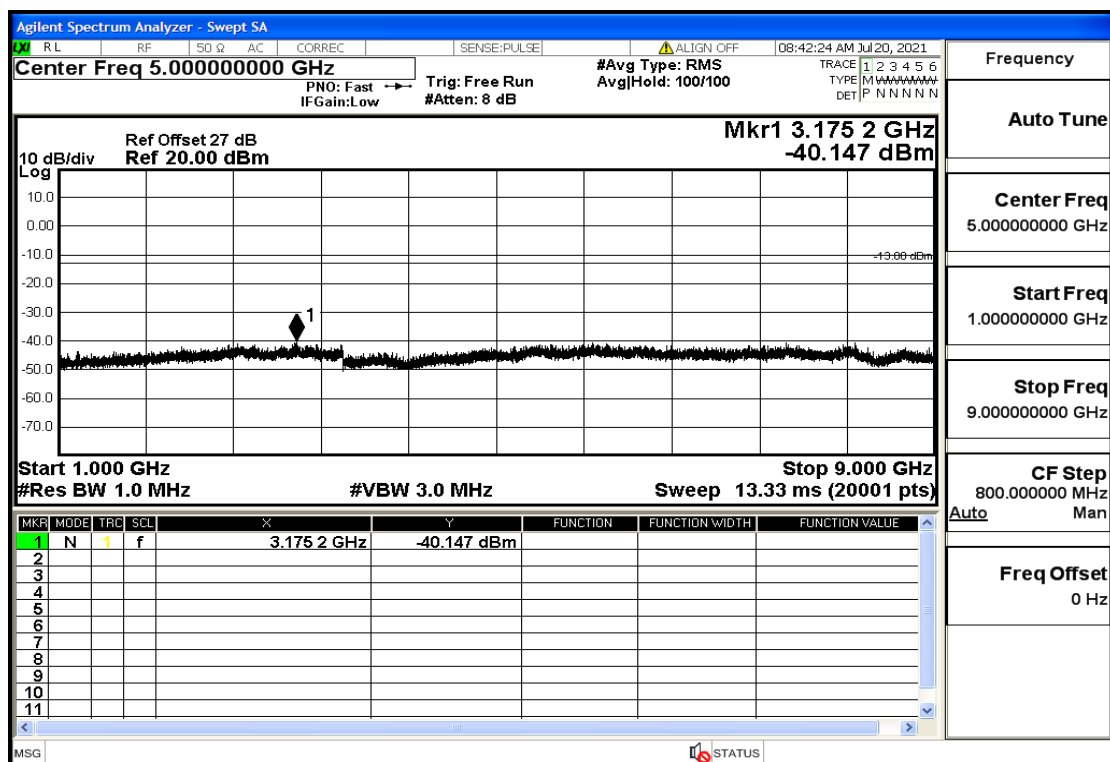
OB13-5-784.5-QPSK-12#LOW@1GHz-9GHz@Pass



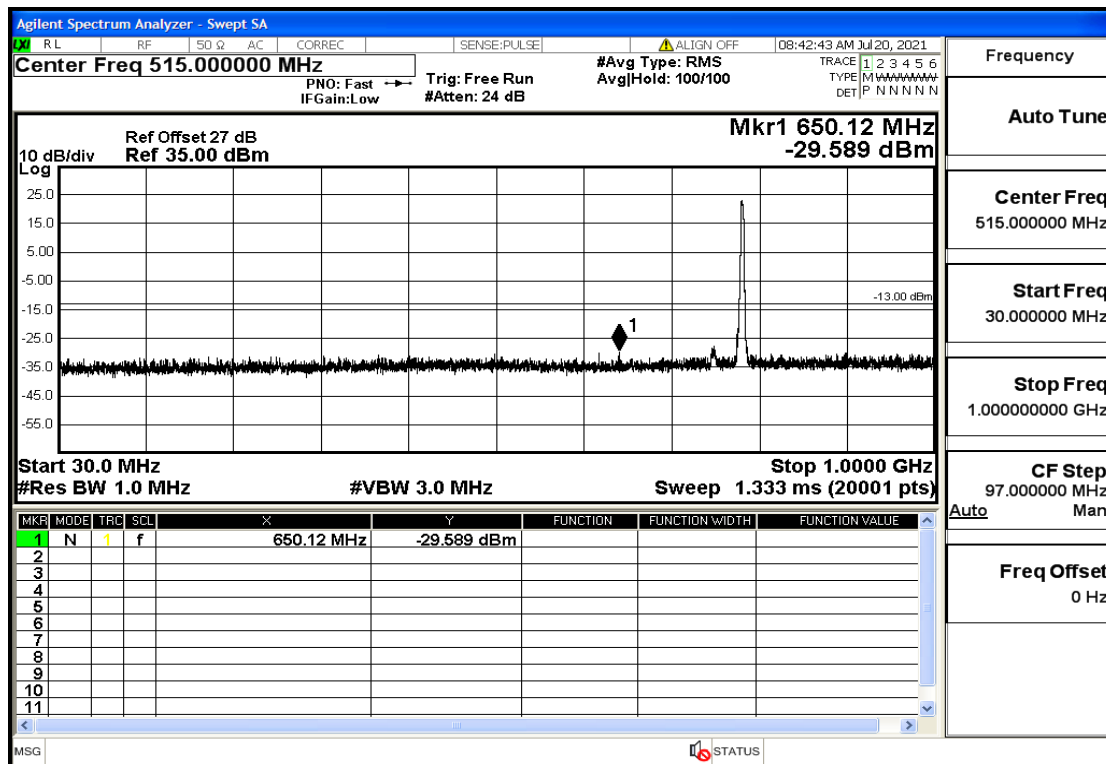
OB13-5-784.5-QPSK-12#MID@30mHz-1GHz@Pass



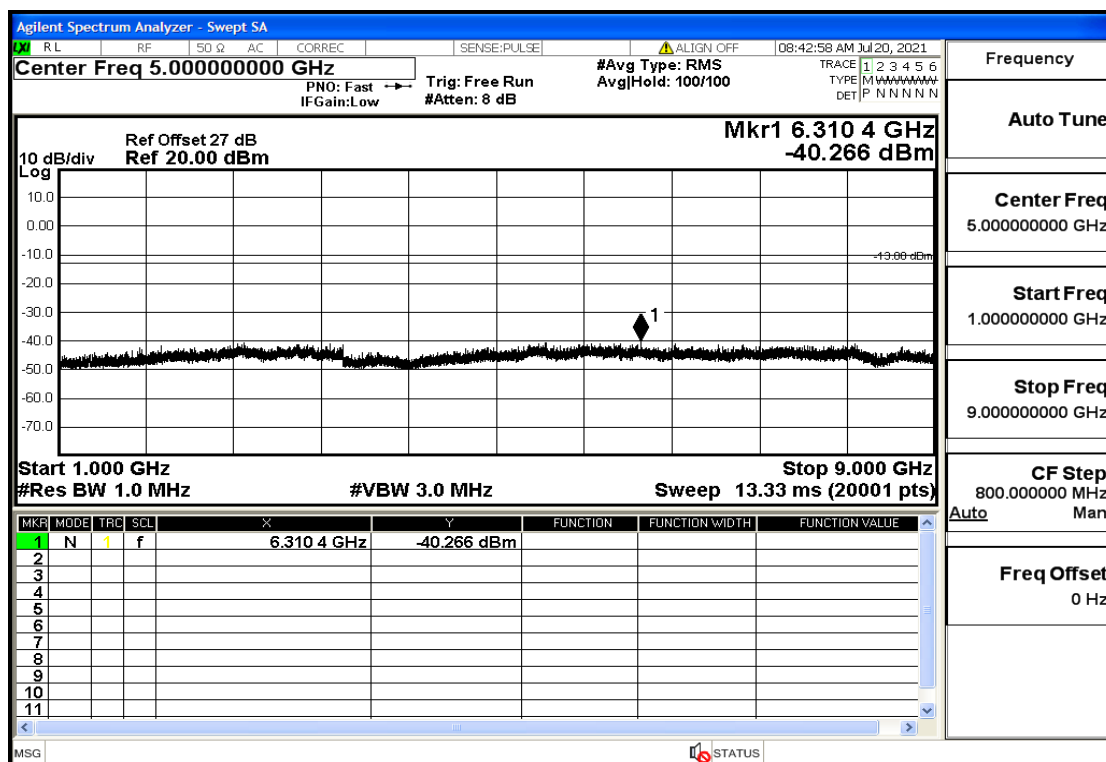
OB13-5-784.5-QPSK-12#MID@1GHz-9GHz@Pass



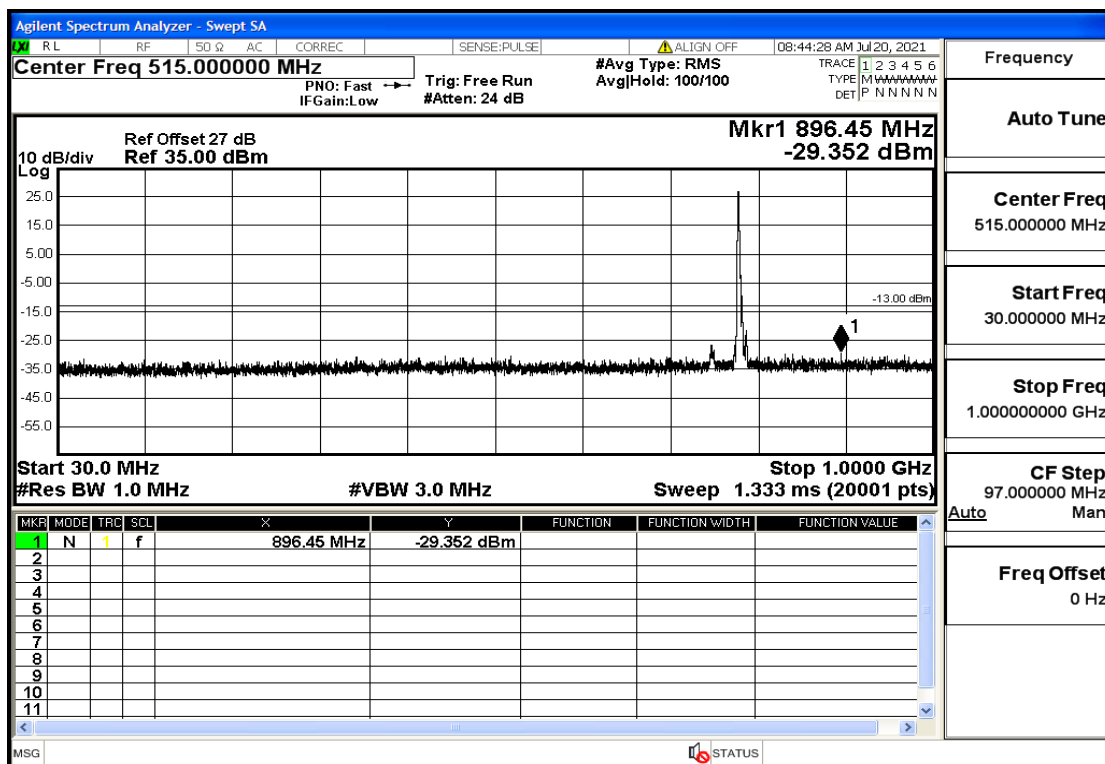
OB13-5-784.5-QPSK-12#HIGH@30mHz-1GHz@Pass



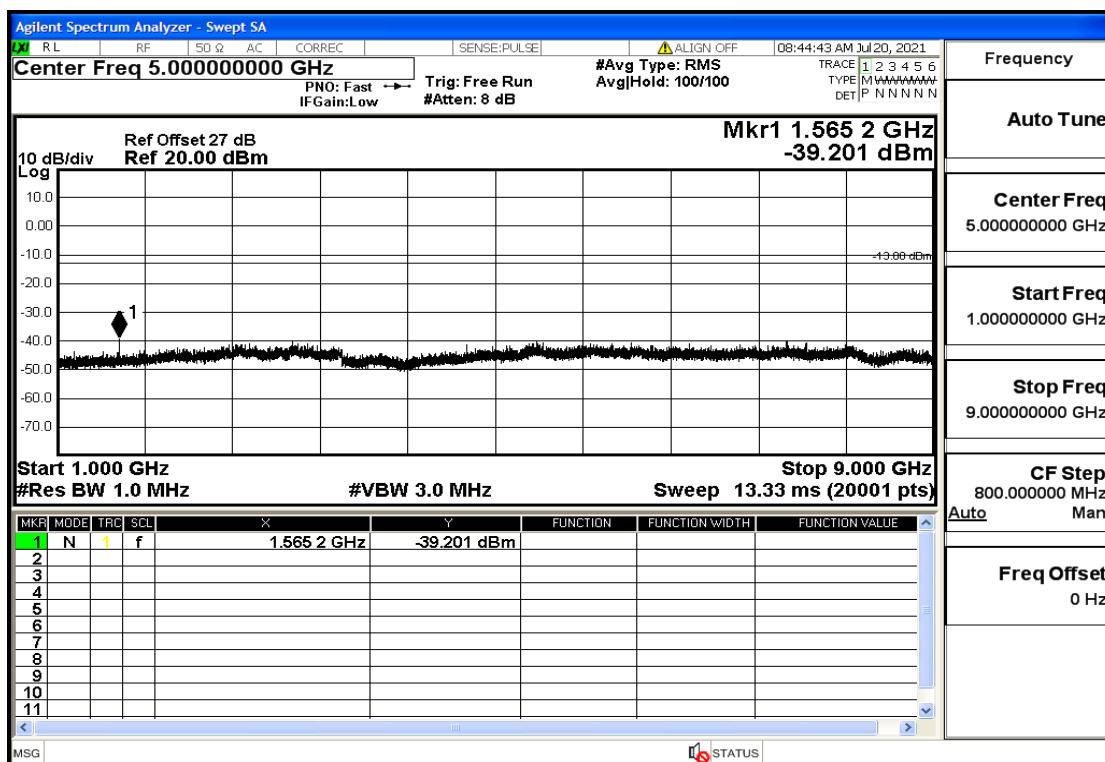
OB13-5-784.5-QPSK-12#HIGH@1GHz-9GHz@Pass



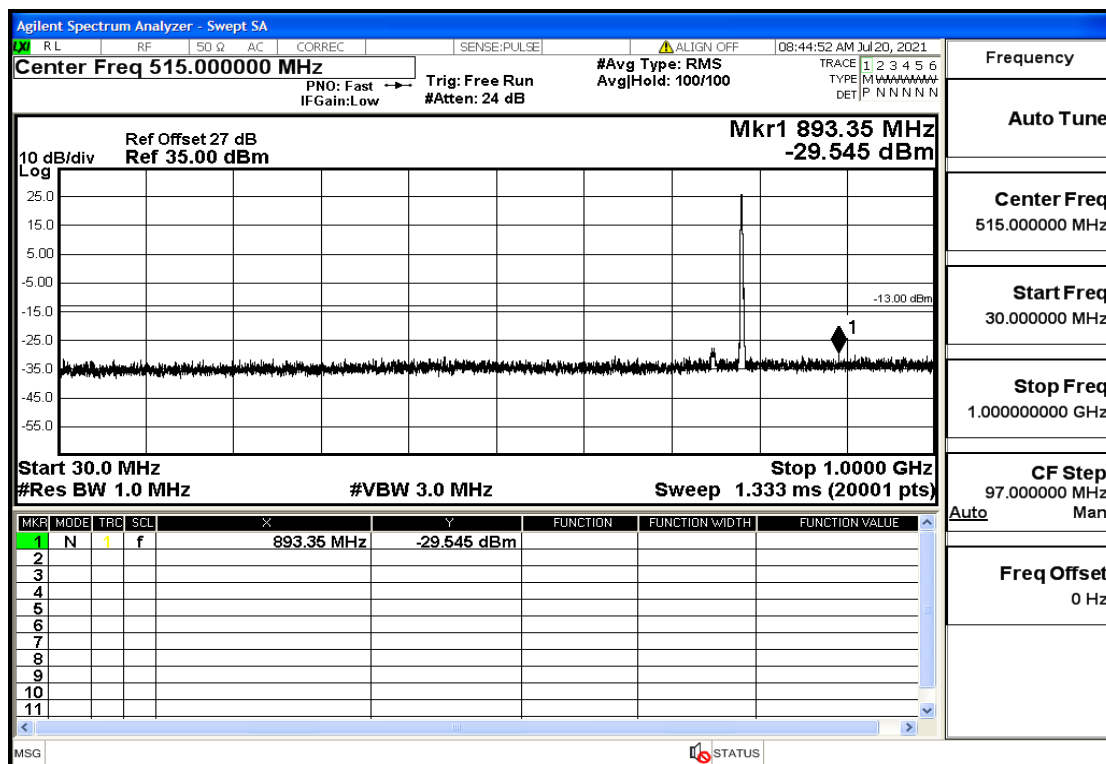
OB13-5-784.5-QPSK-1#LOW@30mHz-1GHz@Pass



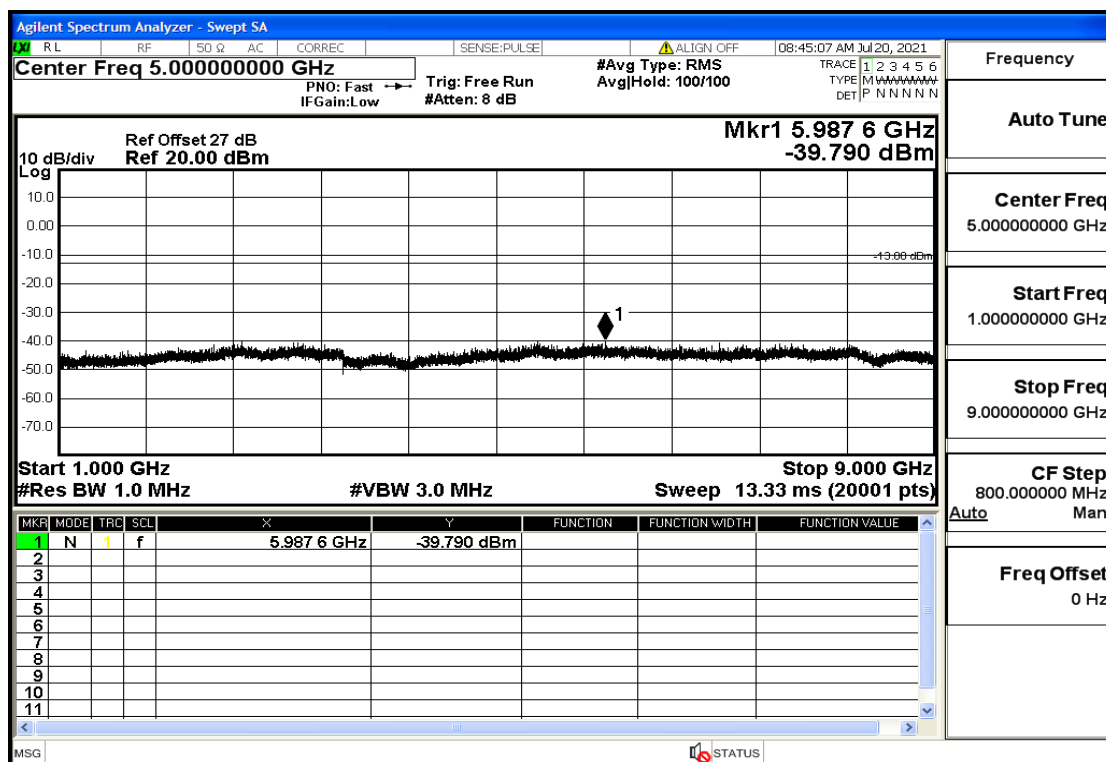
OB13-5-784.5-QPSK-1#LOW@1GHz-9GHz@Pass



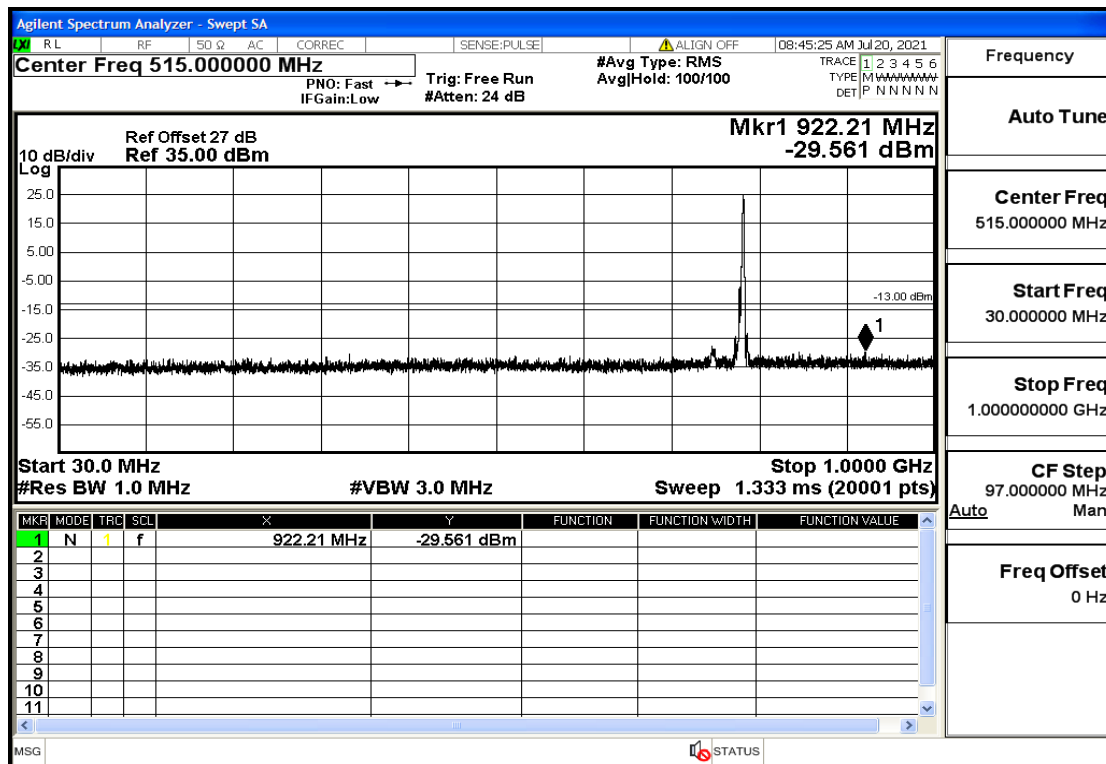
OB13-5-784.5-QPSK-1#MID@30mHz-1GHz@Pass



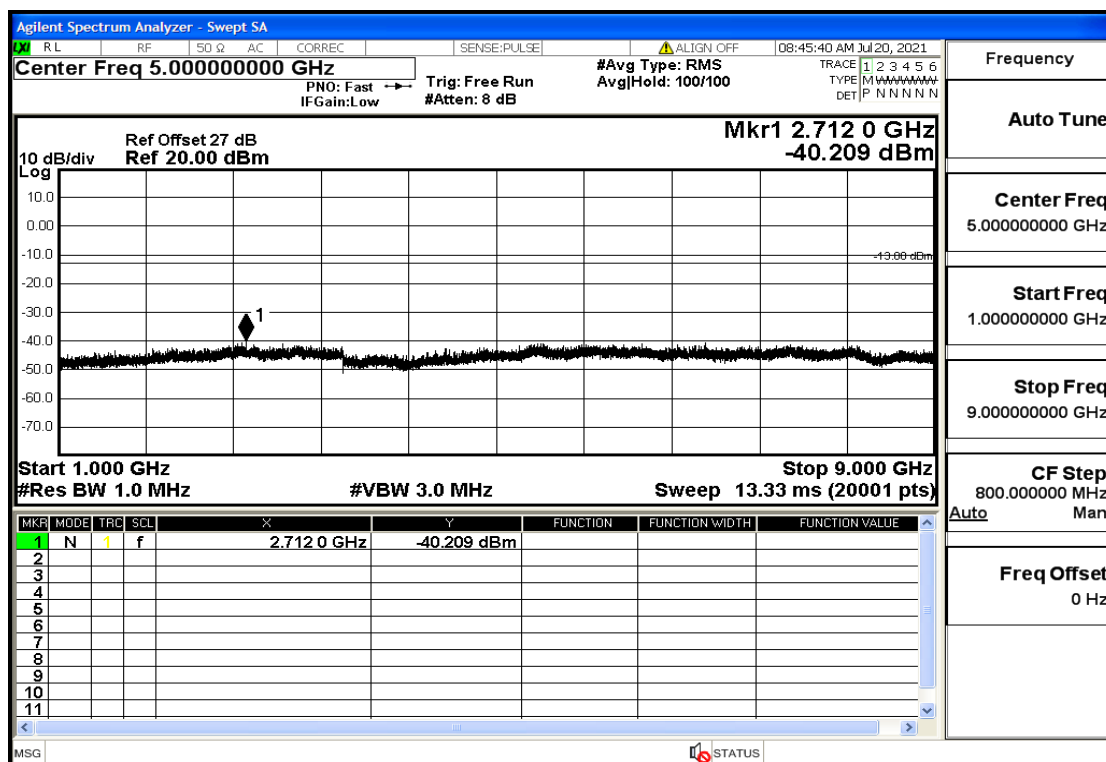
OB13-5-784.5-QPSK-1#MID@1GHz-9GHz@Pass



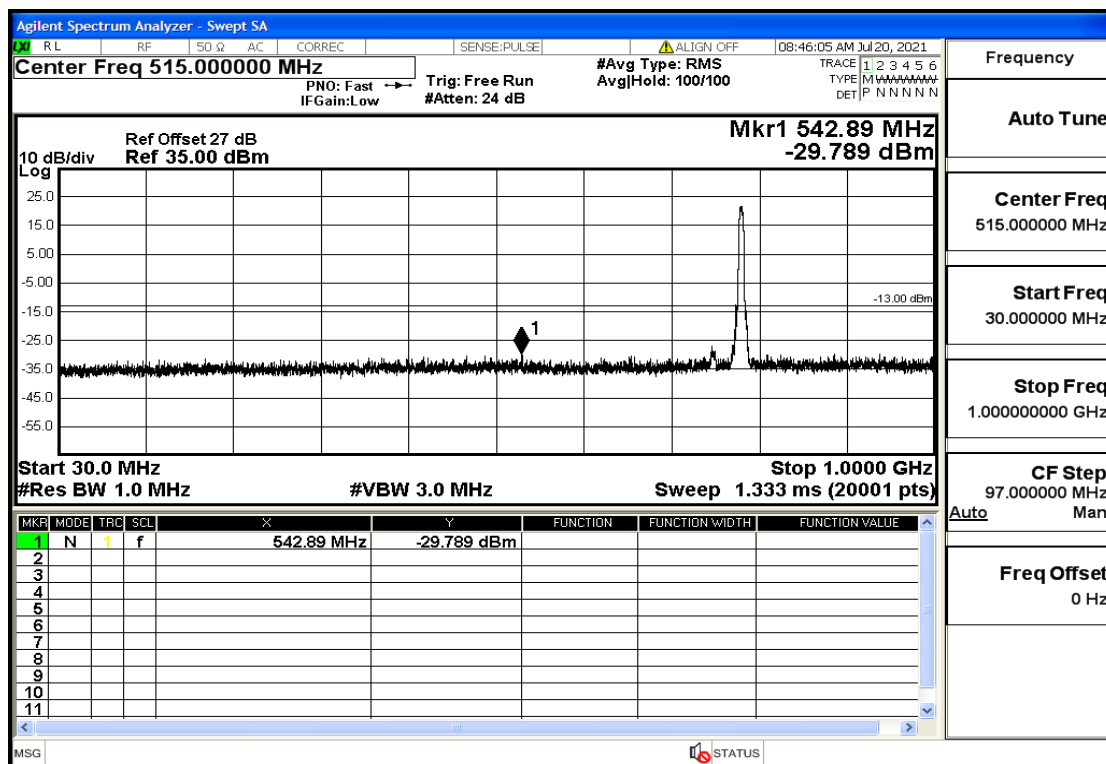
OB13-5-784.5-QPSK-1#HIGH@30mHz-1GHz@Pass



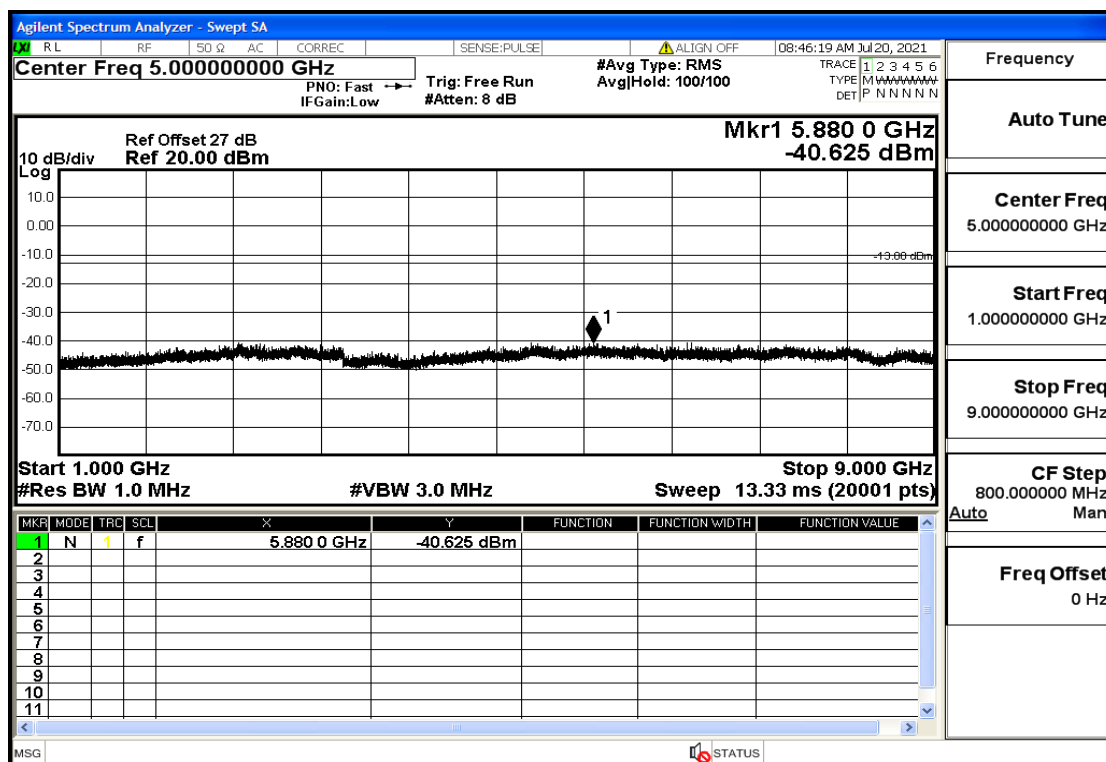
OB13-5-784.5-QPSK-1#HIGH@1GHz-9GHz@Pass



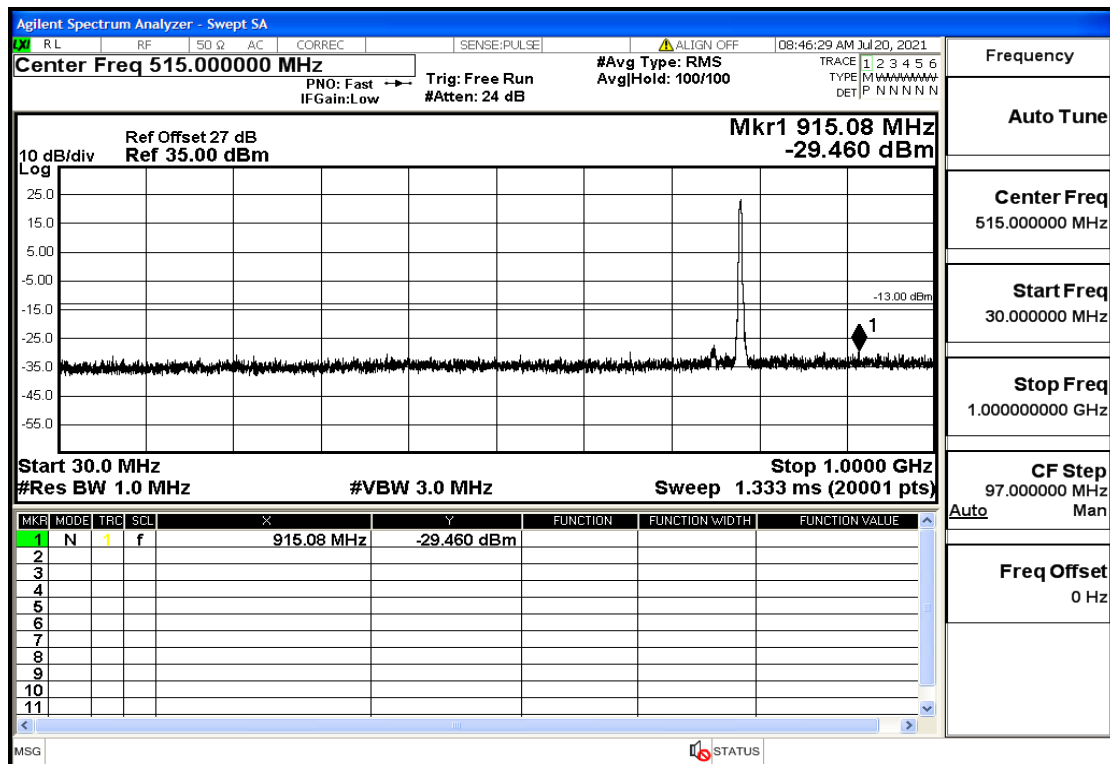
OB13-5-784.5-Q16-25#LOW@30mHz-1GHz@Pass



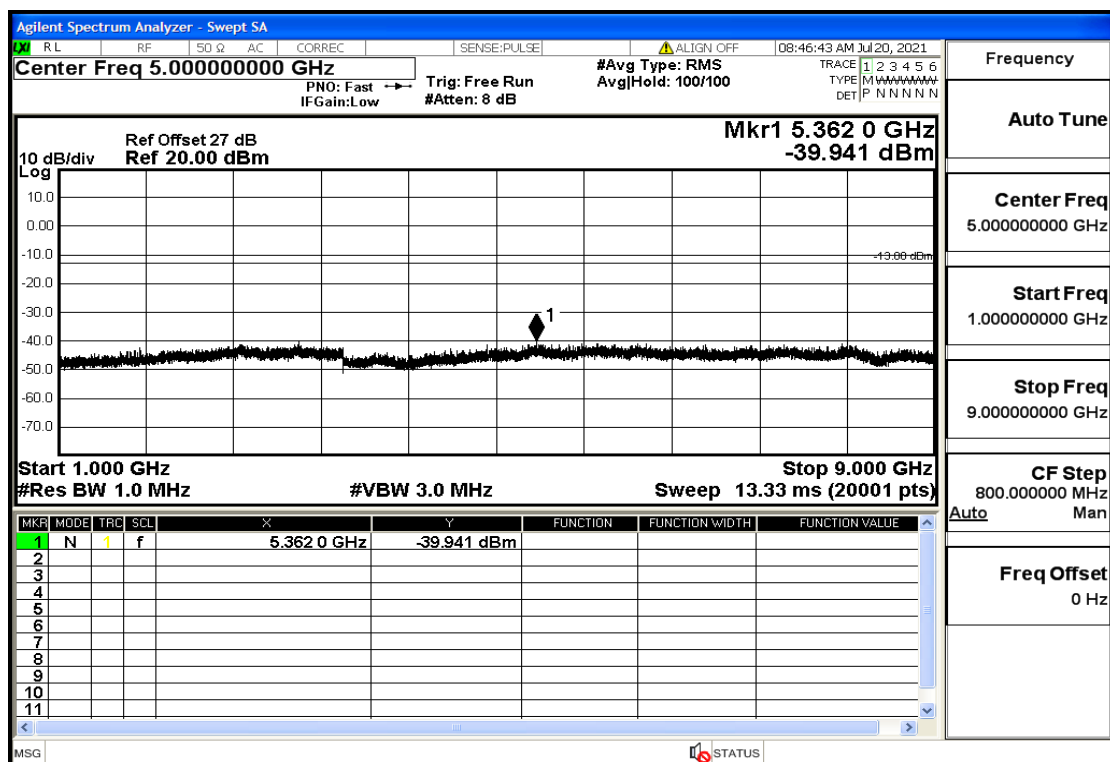
OB13-5-784.5-Q16-25#LOW@1GHz-9GHz@Pass



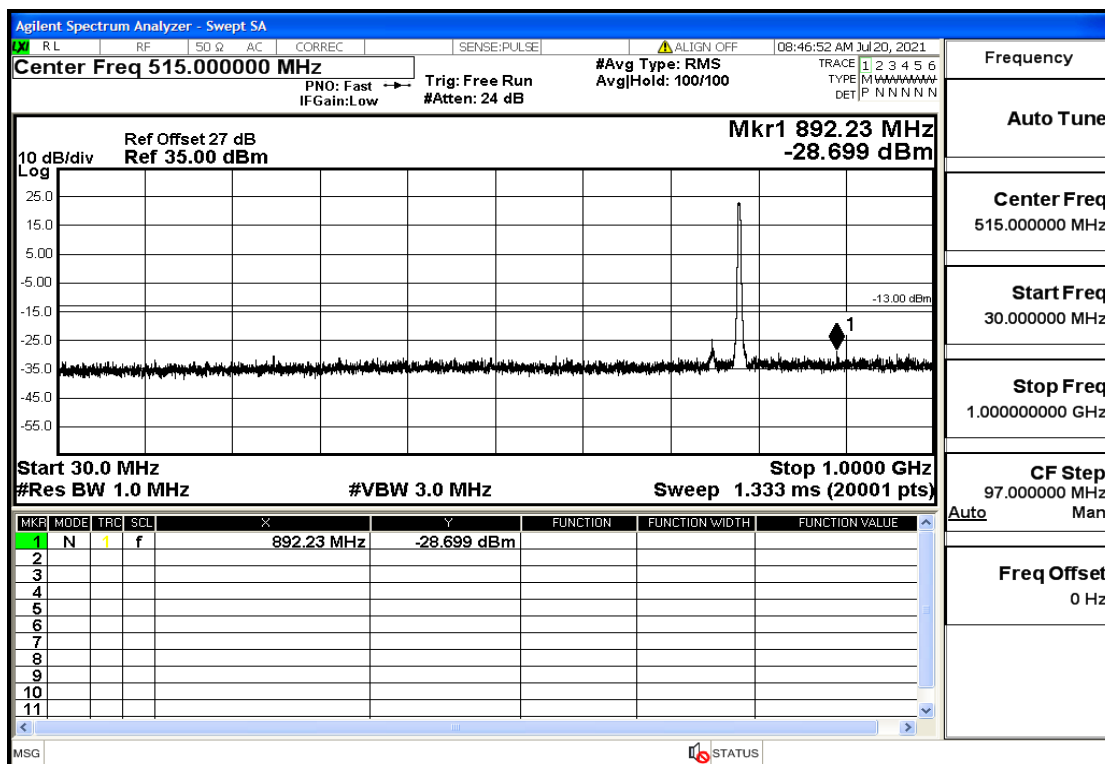
OB13-5-784.5-Q16-12#LOW@30mHz-1GHz@Pass



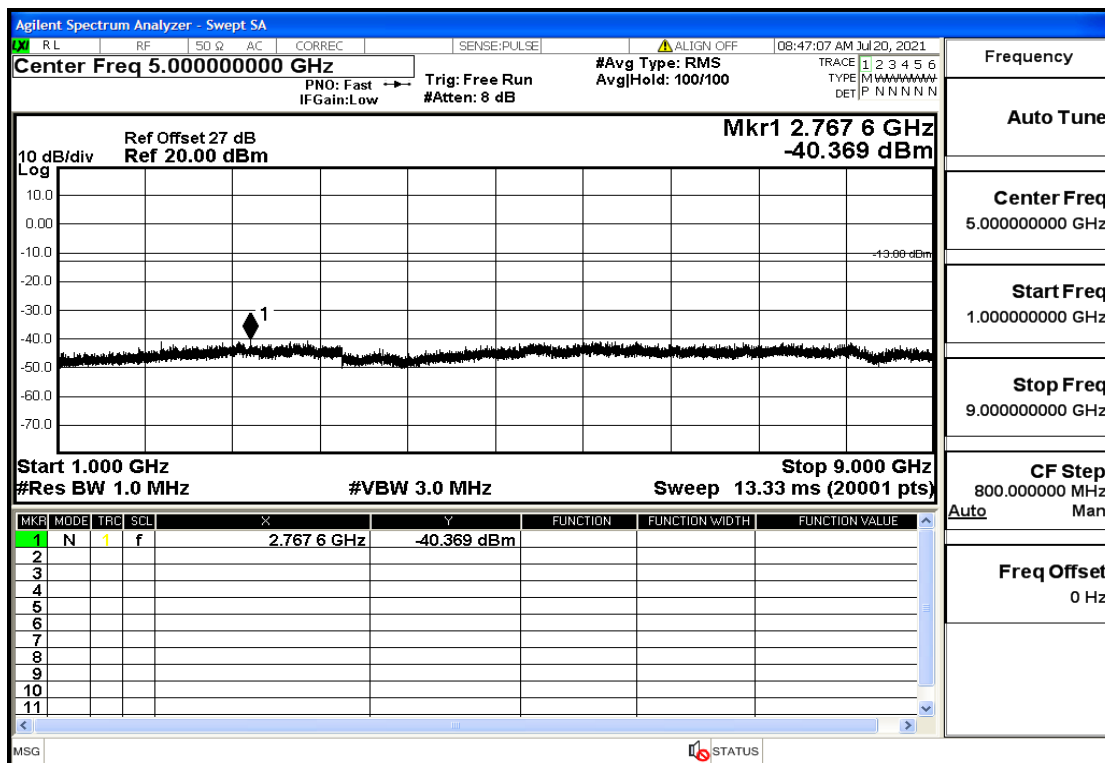
OB13-5-784.5-Q16-12#LOW@1GHz-9GHz@Pass



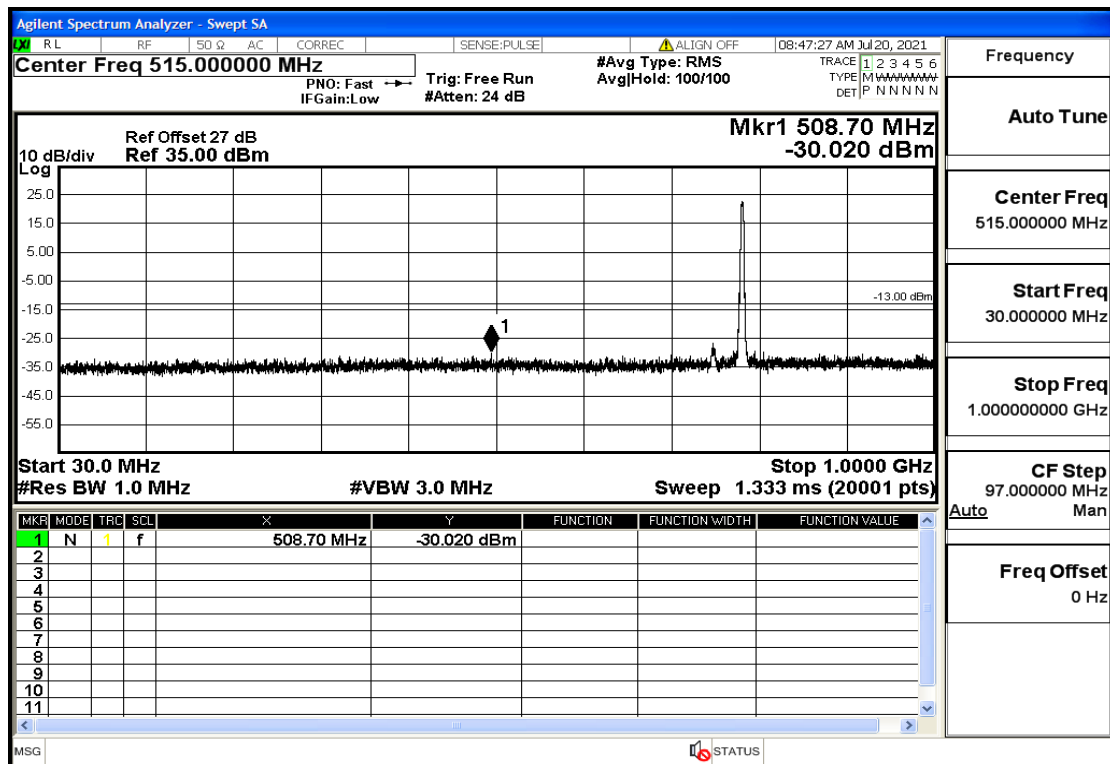
OB13-5-784.5-Q16-12#MID@30mHz-1GHz@Pass



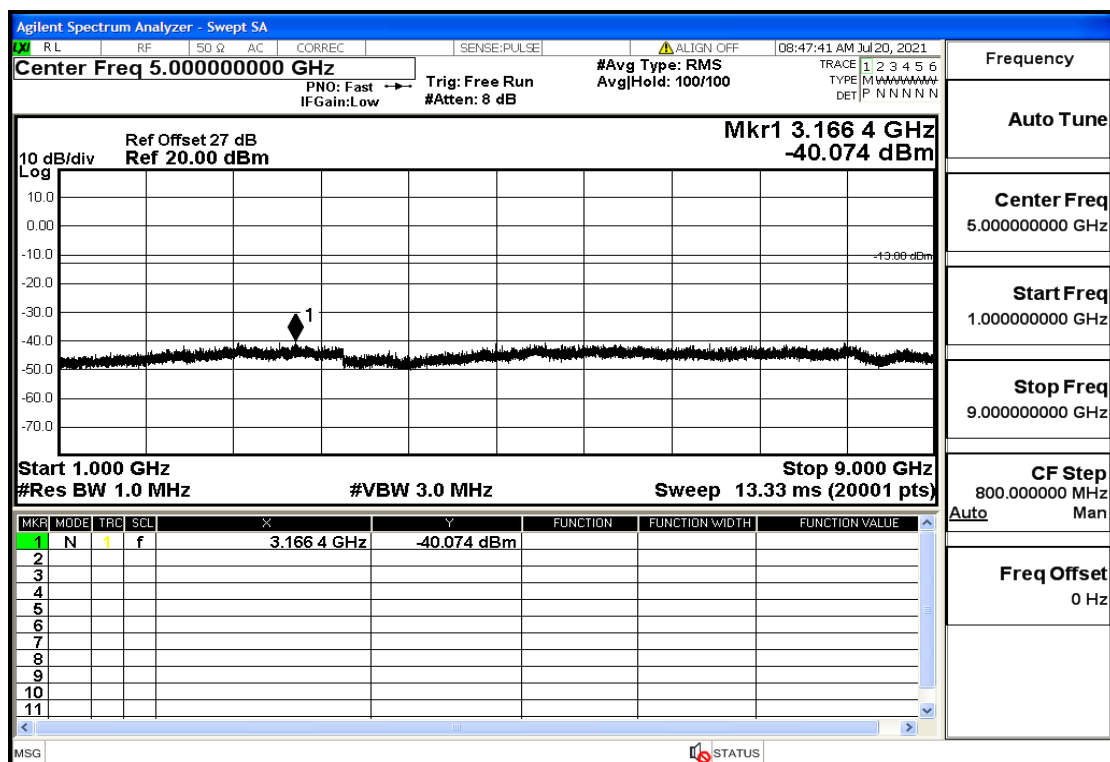
OB13-5-784.5-Q16-12#MID@1GHz-9GHz@Pass



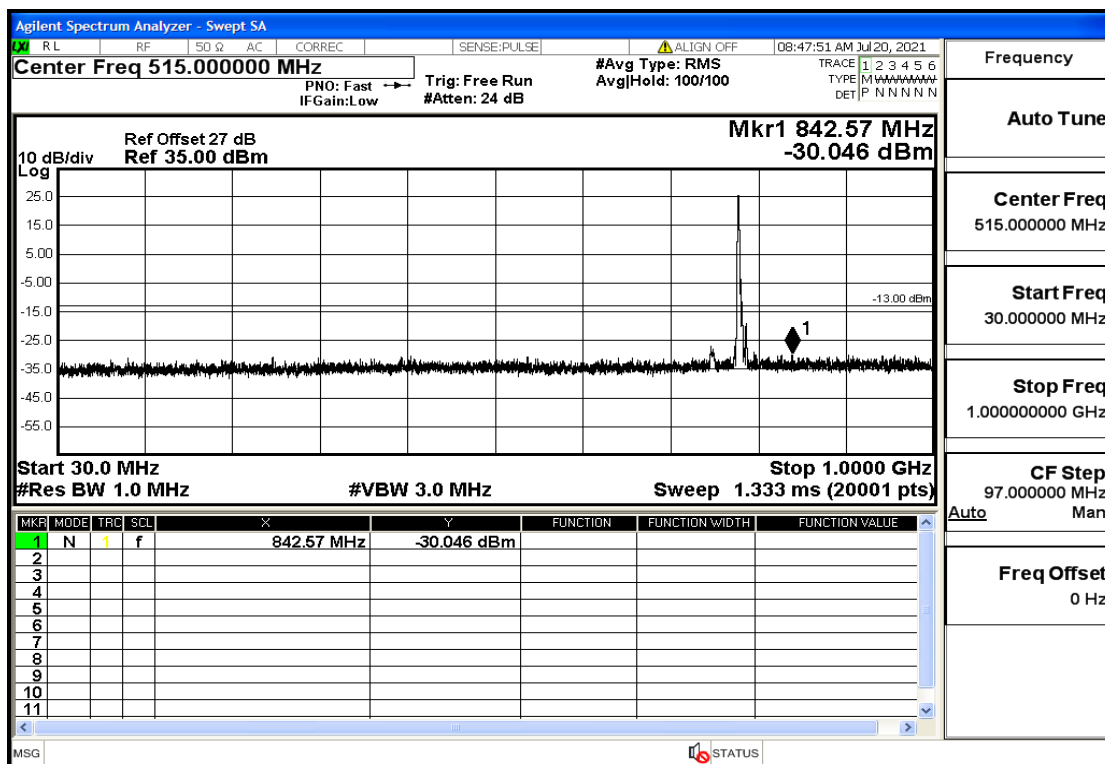
OB13-5-784.5-Q16-12#HIGH@30mHz-1GHz@Pass



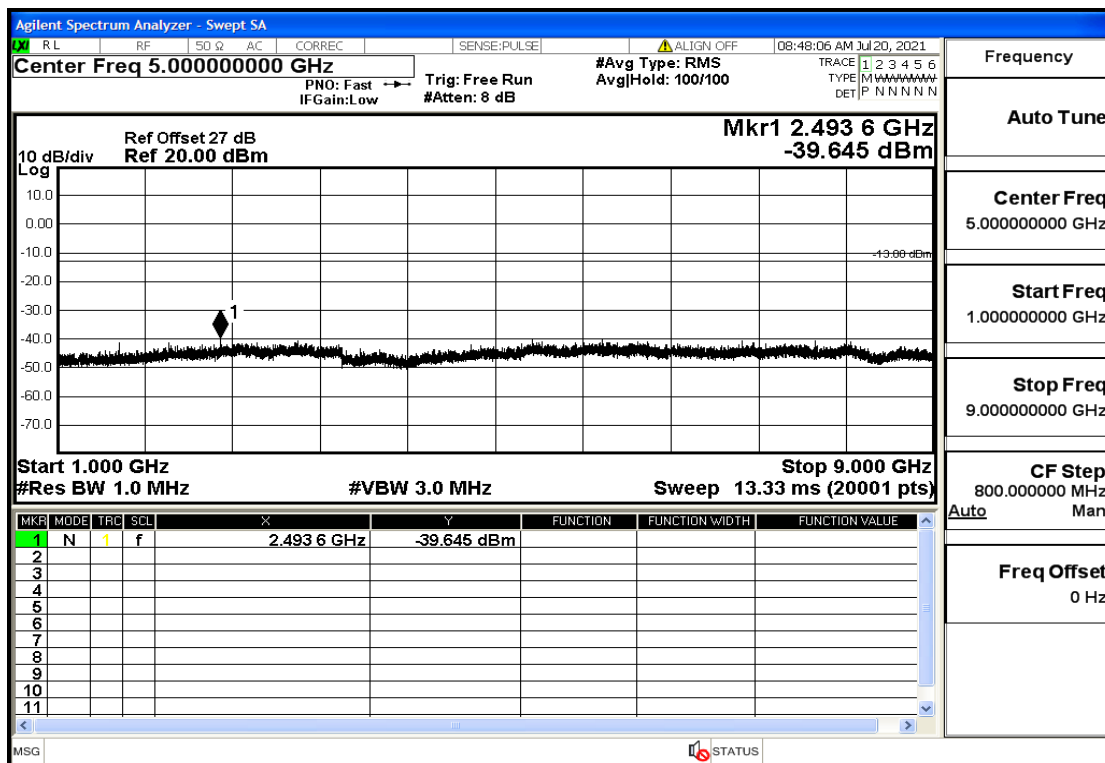
OB13-5-784.5-Q16-12#HIGH@1GHz-9GHz@Pass



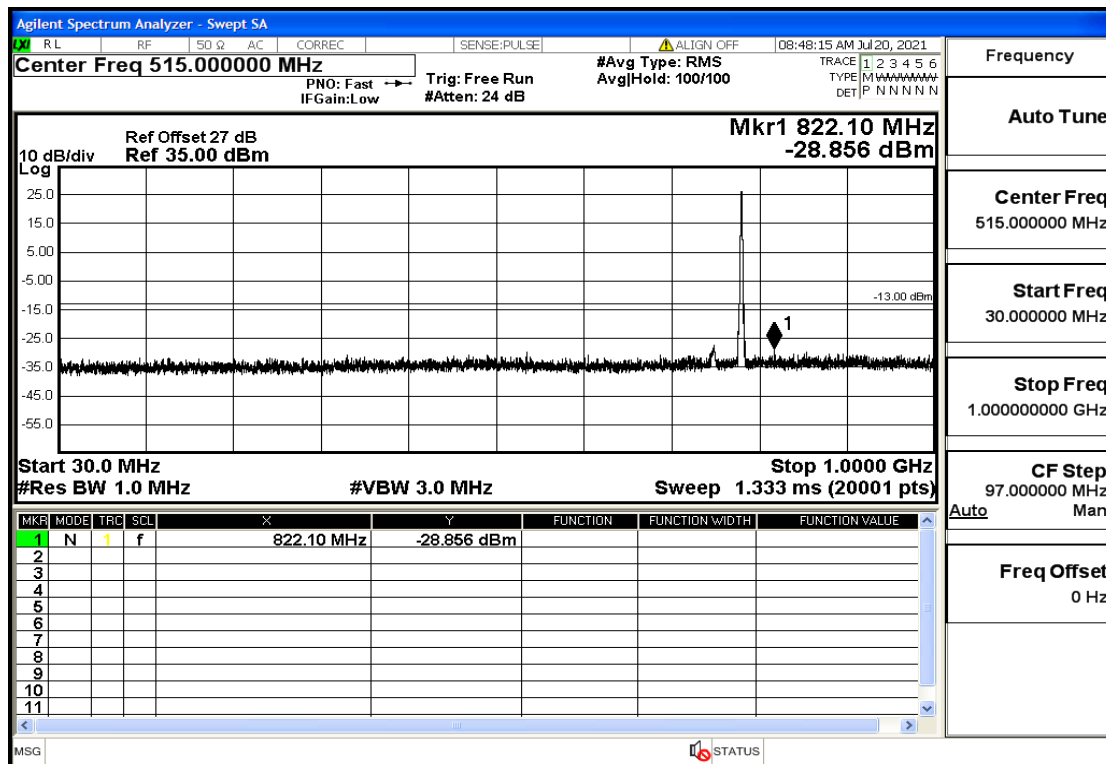
OB13-5-784.5-Q16-1#LOW@30mHz-1GHz@Pass



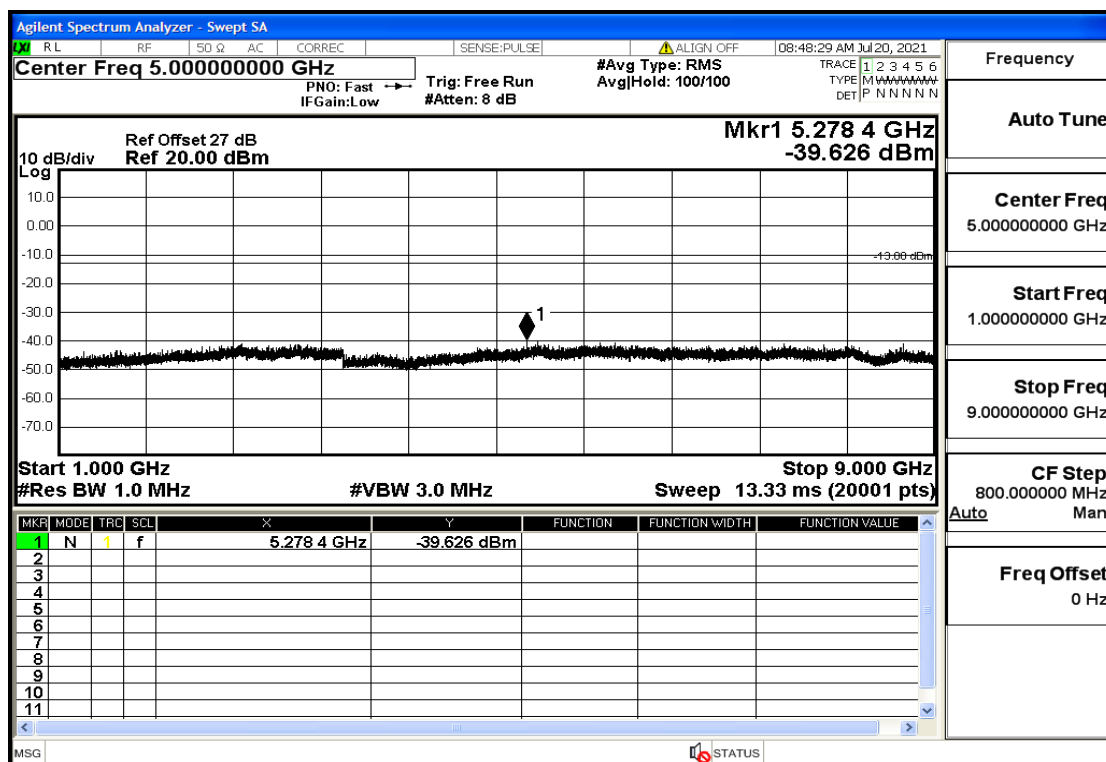
OB13-5-784.5-Q16-1#LOW@1GHz-9GHz@Pass



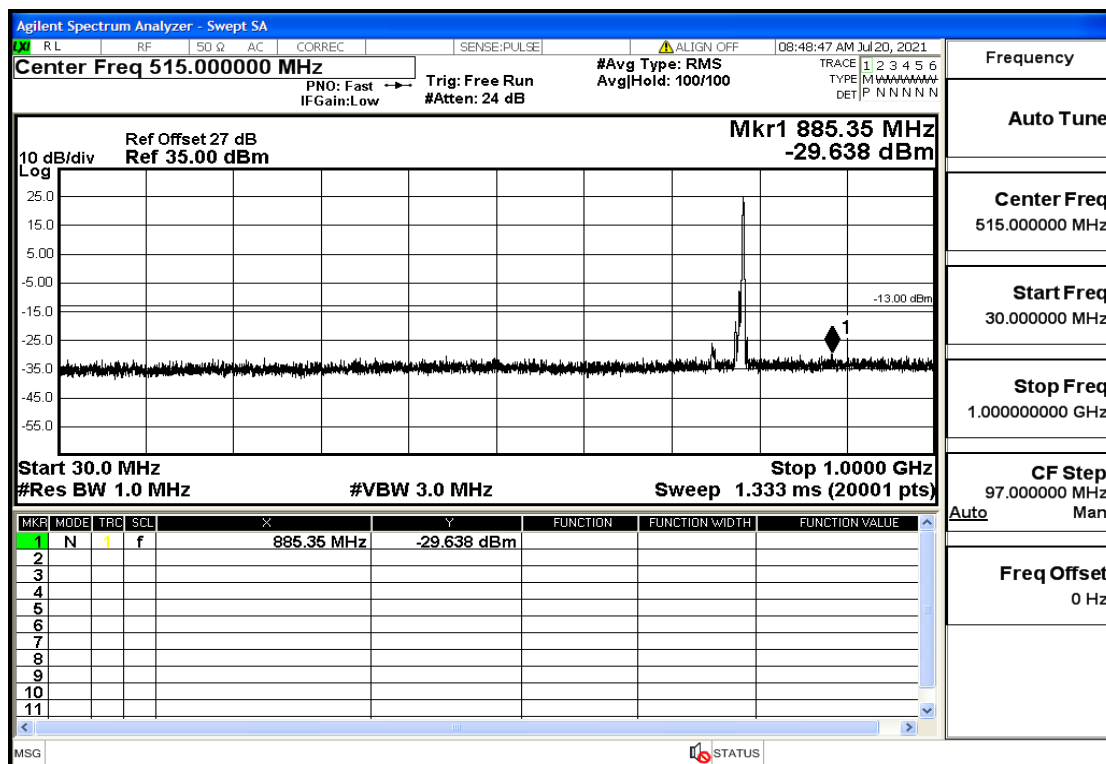
OB13-5-784.5-Q16-1#MID@30mHz-1GHz@Pass



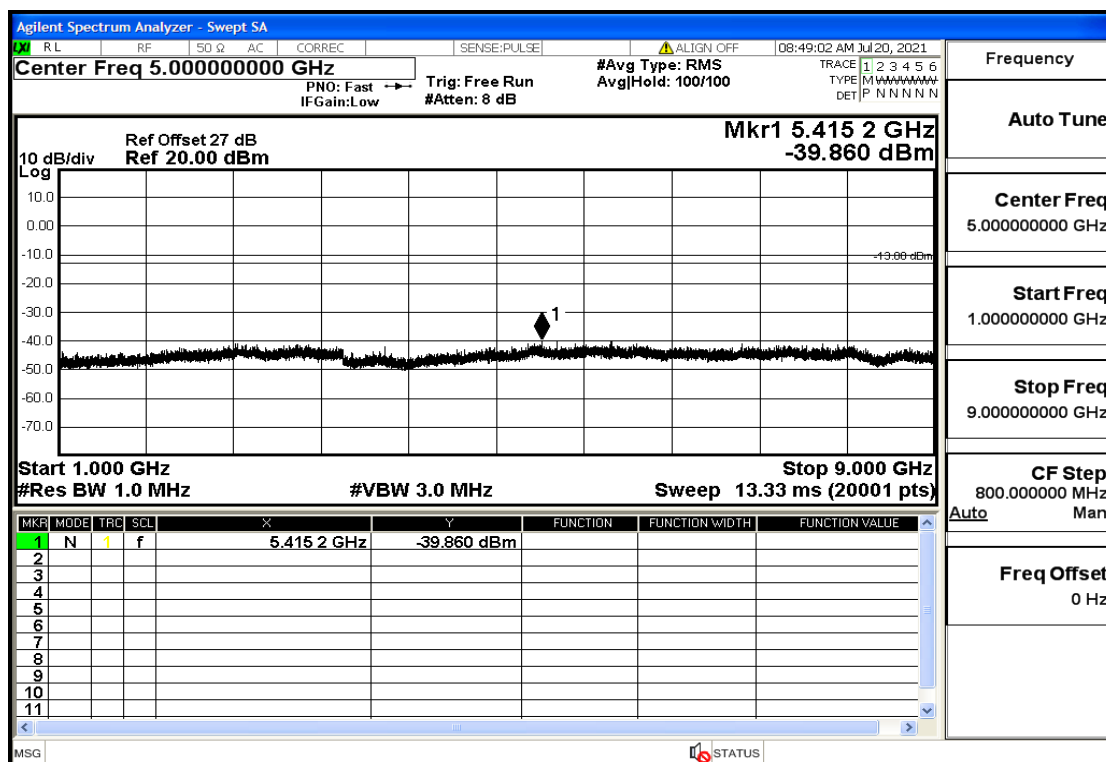
OB13-5-784.5-Q16-1#MID@1GHz-9GHz@Pass



OB13-5-784.5-Q16-1#HIGH@30mHz-1GHz@Pass



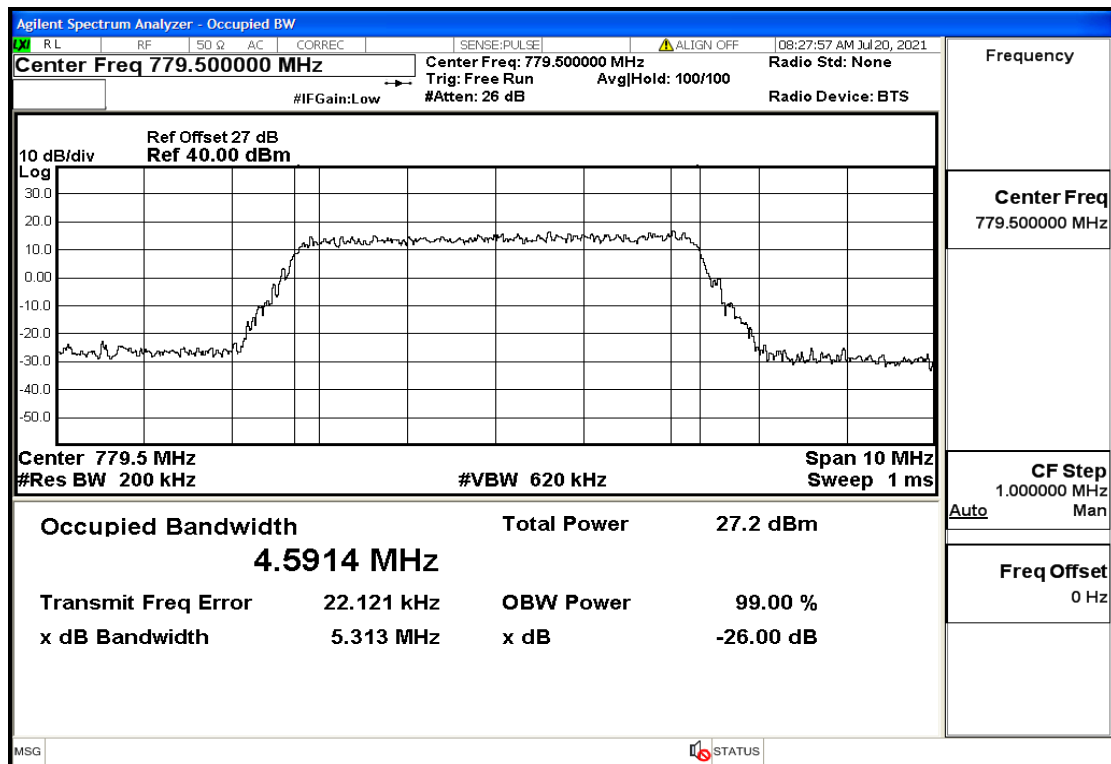
OB13-5-784.5-Q16-1#HIGH@1GHz-9GHz@Pass



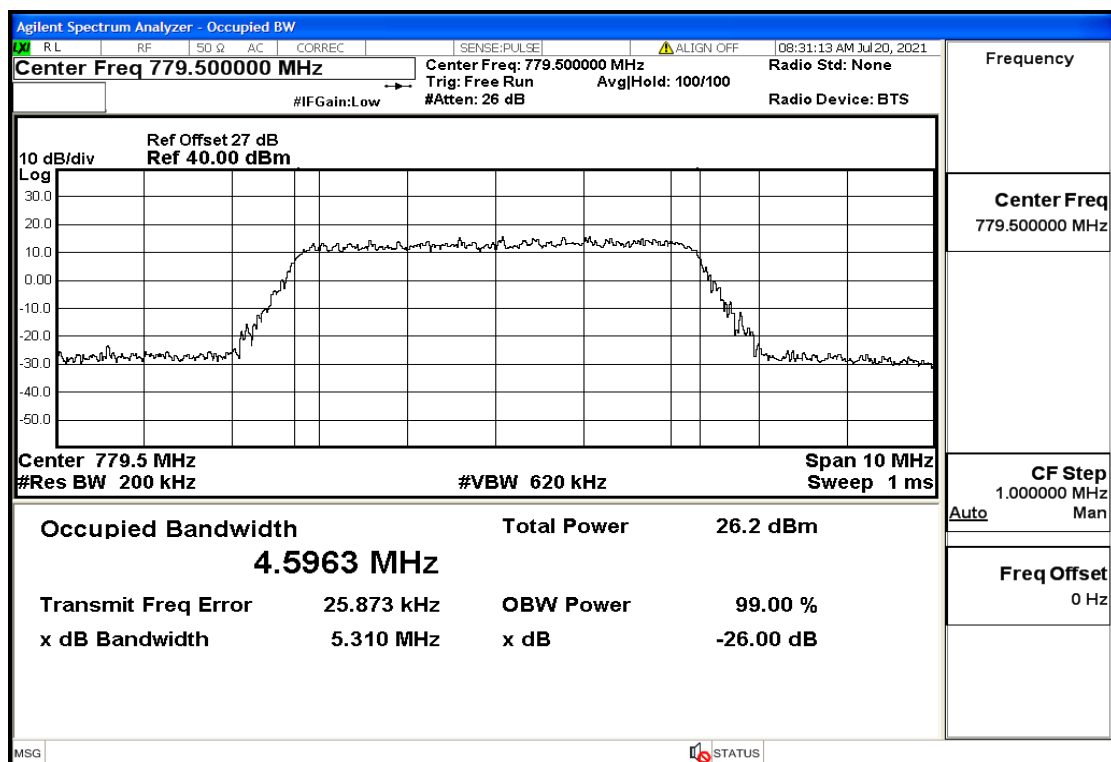
Emission bandwidth and OBW

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth(KHz)	Emission Bandwidth(KHz)	Limit
Band13	5	779.5	QPSK	25	LOW	4591.4	5313	No limit
Band13	5	779.5	16QAM	25	LOW	4596.3	5310	No limit
Band13	5	782	QPSK	25	LOW	4568.6	5365	No limit
Band13	5	782	16QAM	25	LOW	4597.3	5265	No limit
Band13	5	784.5	QPSK	25	LOW	4574.2	5303	No limit
Band13	5	784.5	16QAM	25	LOW	4578.6	5281	No limit

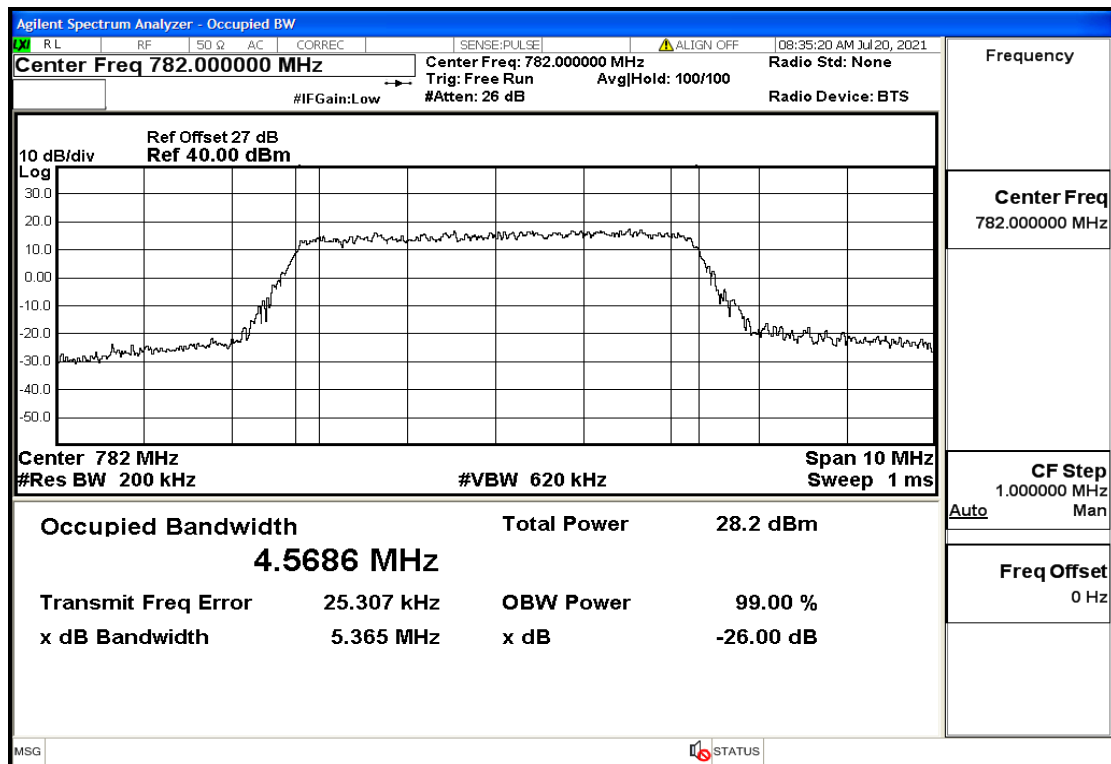
Band13-5-779.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



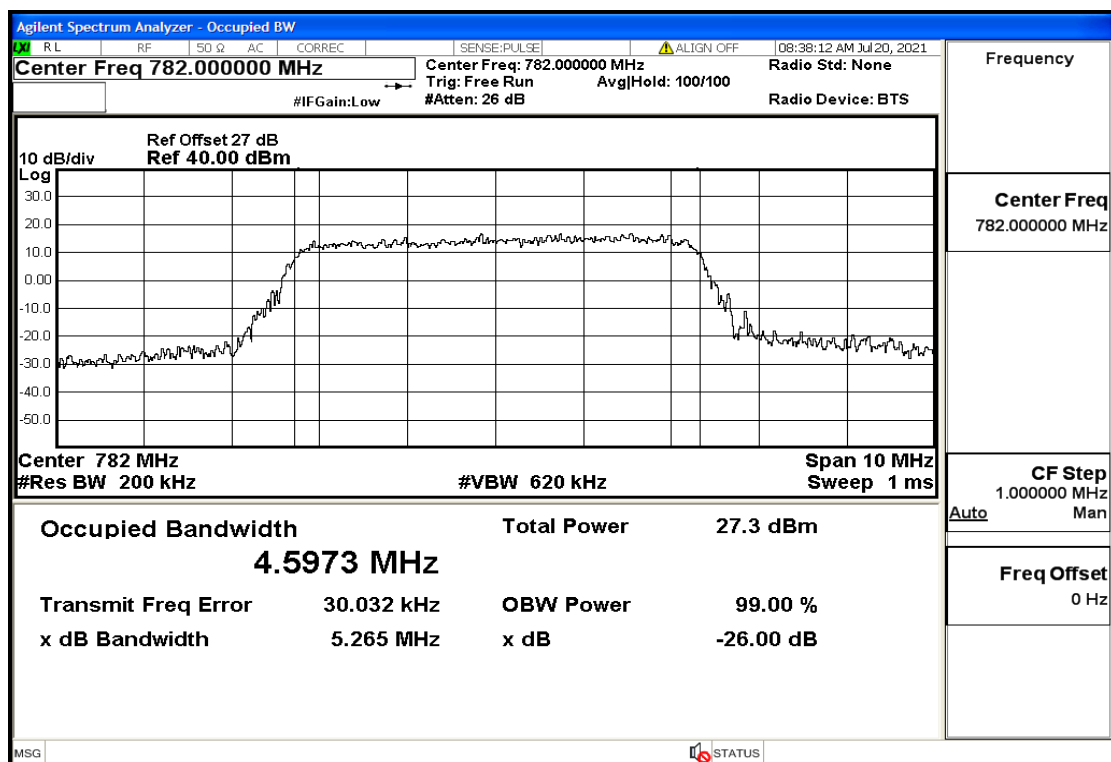
Band13-5-779.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



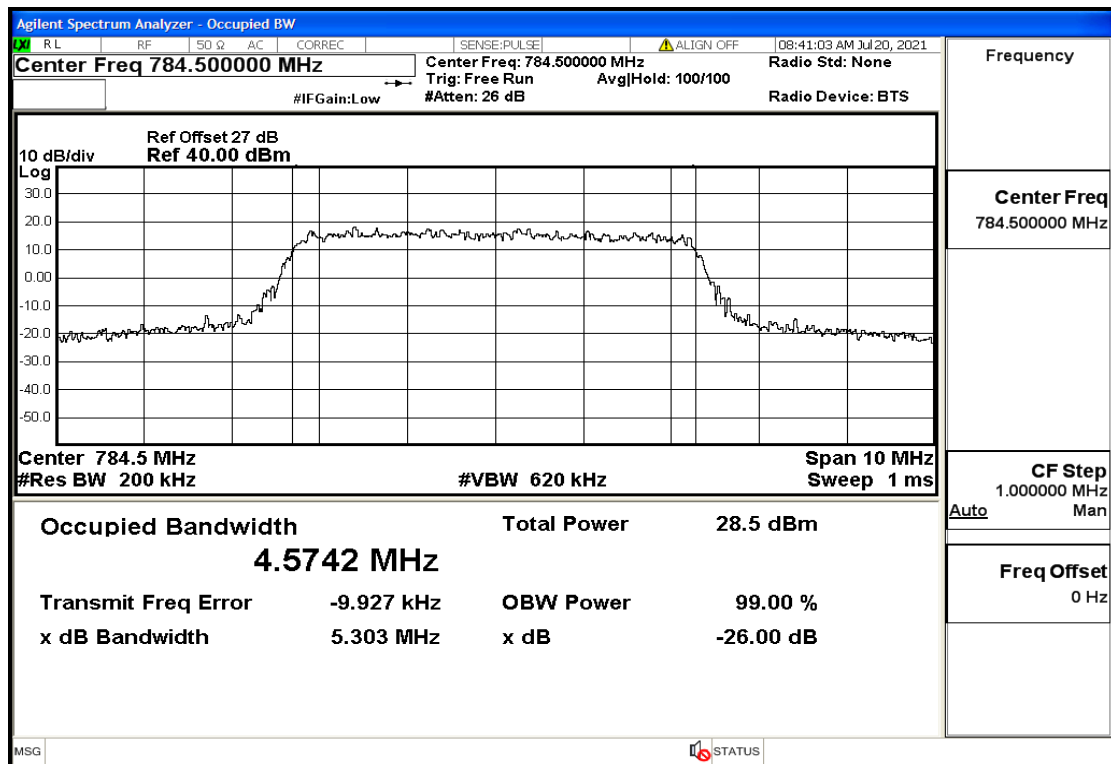
Band13-5-782-QPSK-25#LOW@26dB and 99PCT Bandwidth



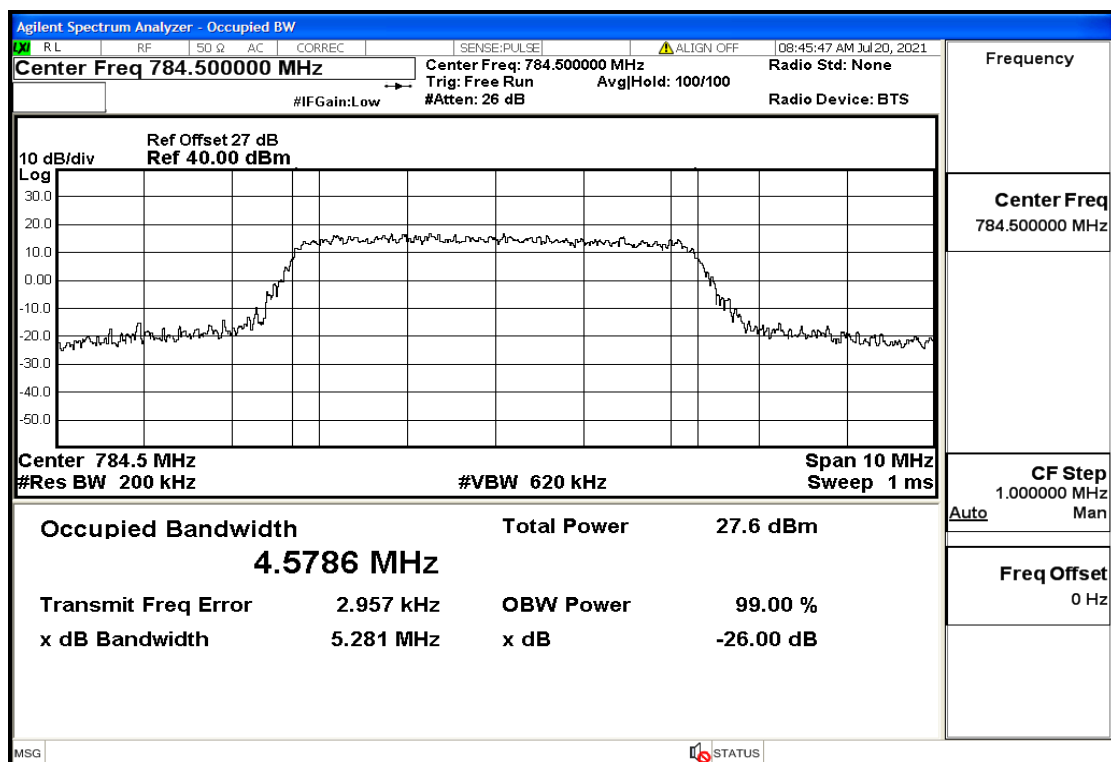
Band13-5-782-16QAM-25#LOW@26dB and 99PCT Bandwidth



Band13-5-784.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



Band13-5-784.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0601	PASS
40	Normal Voltage	0.0398	
30	Normal Voltage	0.0176	
20(Ref.)	Normal Voltage	0.0280	
10	Normal Voltage	0.0695	
0	Normal Voltage	0.0197	
-10	Normal Voltage	0.0434	
-20	Normal Voltage	0.0342	
-30	Normal Voltage	0.0175	
20	Maximum Voltage	0.0183	
20	Normal Voltage	0.0292	
20	Battery End Point	0.0690	

Peak and Average Power

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Average Power	Peak Power	Peak to Average(dB)	limit(dBm)	AntGain(dBi)	ERP/EIRP(dBm)	Limit(dBm)	Conclusion
Band13	5	779.5	QPSK	25	LOW	22.15	27.49	5.34	13	0.57	20.57	34.8	Pass
Band13	5	779.5	QPSK	12	LOW	22.75	27.05	4.3	13	0.57	21.17	34.8	Pass
Band13	5	779.5	QPSK	12	MID	22.71	27.35	4.64	13	0.57	21.13	34.8	Pass
Band13	5	779.5	QPSK	12	HIGH	21.1	26.85	5.75	13	0.57	19.52	34.8	Pass
Band13	5	779.5	QPSK	1	LOW	23.38	27.63	4.25	13	0.57	21.8	34.8	Pass
Band13	5	779.5	QPSK	1	MID	22.65	27.49	4.84	13	0.57	21.07	34.8	Pass
Band13	5	779.5	QPSK	1	HIGH	21.39	27.46	6.07	13	0.57	19.81	34.8	Pass
Band13	5	779.5	16QAM	25	LOW	21.16	27.62	6.46	13	0.57	19.58	34.8	Pass
Band13	5	779.5	16QAM	12	LOW	21.78	27.41	5.63	13	0.57	20.2	34.8	Pass
Band13	5	779.5	16QAM	12	MID	21.96	27.16	5.2	13	0.57	20.38	34.8	Pass
Band13	5	779.5	16QAM	12	HIGH	20.24	26.89	6.65	13	0.57	18.66	34.8	Pass
Band13	5	779.5	16QAM	1	LOW	22.75	27.07	4.32	13	0.57	21.17	34.8	Pass
Band13	5	779.5	16QAM	1	MID	21.72	26.49	4.77	13	0.57	20.14	34.8	Pass
Band13	5	779.5	16QAM	1	HIGH	20.38	26.17	5.79	13	0.57	18.8	34.8	Pass
Band13	5	782	QPSK	25	LOW	20.02	26.98	6.96	13	0.57	18.44	34.8	Pass
Band13	5	782	QPSK	12	LOW	20.28	27.14	6.86	13	0.57	18.7	34.8	Pass
Band13	5	782	QPSK	12	MID	20.15	27.37	7.22	13	0.57	18.57	34.8	Pass
Band13	5	782	QPSK	12	HIGH	19.63	26.72	7.09	13	0.57	18.05	34.8	Pass
Band13	5	782	QPSK	1	LOW	21.66	26.71	5.05	13	0.57	20.08	34.8	Pass
Band13	5	782	QPSK	1	MID	20.56	26.51	5.95	13	0.57	18.98	34.8	Pass
Band13	5	782	QPSK	1	HIGH	20.43	26.41	5.98	13	0.57	18.85	34.8	Pass
Band13	5	782	16QAM	25	LOW	19.12	27.48	8.36	13	0.57	17.54	34.8	Pass
Band13	5	782	16QAM	12	LOW	19.21	26.02	6.81	13	0.57	17.63	34.8	Pass
Band13	5	782	16QAM	12	MID	19.54	26.27	6.73	13	0.57	17.96	34.8	Pass
Band13	5	782	16QAM	12	HIGH	18.98	25.61	6.63	13	0.57	17.4	34.8	Pass
Band13	5	782	16QAM	1	LOW	20.87	26.68	5.81	13	0.57	19.29	34.8	Pass
Band13	5	782	16QAM	1	MID	20.05	26.47	6.42	13	0.57	18.47	34.8	Pass
Band13	5	782	16QAM	1	HIGH	19.84	26.11	6.27	13	0.57	18.26	34.8	Pass
Band13	5	784.5	QPSK	25	LOW	21.01	27.36	6.35	13	0.57	19.43	34.8	Pass
Band13	5	784.5	QPSK	12	LOW	19.62	26.04	6.42	13	0.57	18.04	34.8	Pass
Band13	5	784.5	QPSK	12	MID	19.61	25.97	6.36	13	0.57	18.03	34.8	Pass
Band13	5	784.5	QPSK	12	HIGH	21.82	27.03	5.21	13	0.57	20.24	34.8	Pass
Band13	5	784.5	QPSK	1	LOW	20.34	26.16	5.82	13	0.57	18.76	34.8	Pass
Band13	5	784.5	QPSK	1	MID	21.94	27.18	5.24	13	0.57	20.36	34.8	Pass
Band13	5	784.5	QPSK	1	HIGH	22.64	27.11	4.47	13	0.57	21.06	34.8	Pass
Band13	5	784.5	16QAM	25	LOW	19.87	27.96	8.09	13	0.57	18.29	34.8	Pass
Band13	5	784.5	16QAM	12	LOW	18.67	25.79	7.12	13	0.57	17.09	34.8	Pass
Band13	5	784.5	16QAM	12	MID	18.65	25.89	7.24	13	0.57	17.07	34.8	Pass
Band13	5	784.5	16QAM	12	HIGH	20.86	27.44	6.58	13	0.57	19.28	34.8	Pass
Band13	5	784.5	16QAM	1	LOW	19.4	26.21	6.81	13	0.57	17.82	34.8	Pass

Band13	5	784.5	16QAM	1	MID	20.81	27.53	6.72	13	0.57	19.23	34.8	Pass
Band13	5	784.5	16QAM	1	HIGH	22.15	26.86	4.71	13	0.57	20.57	34.8	Pass