

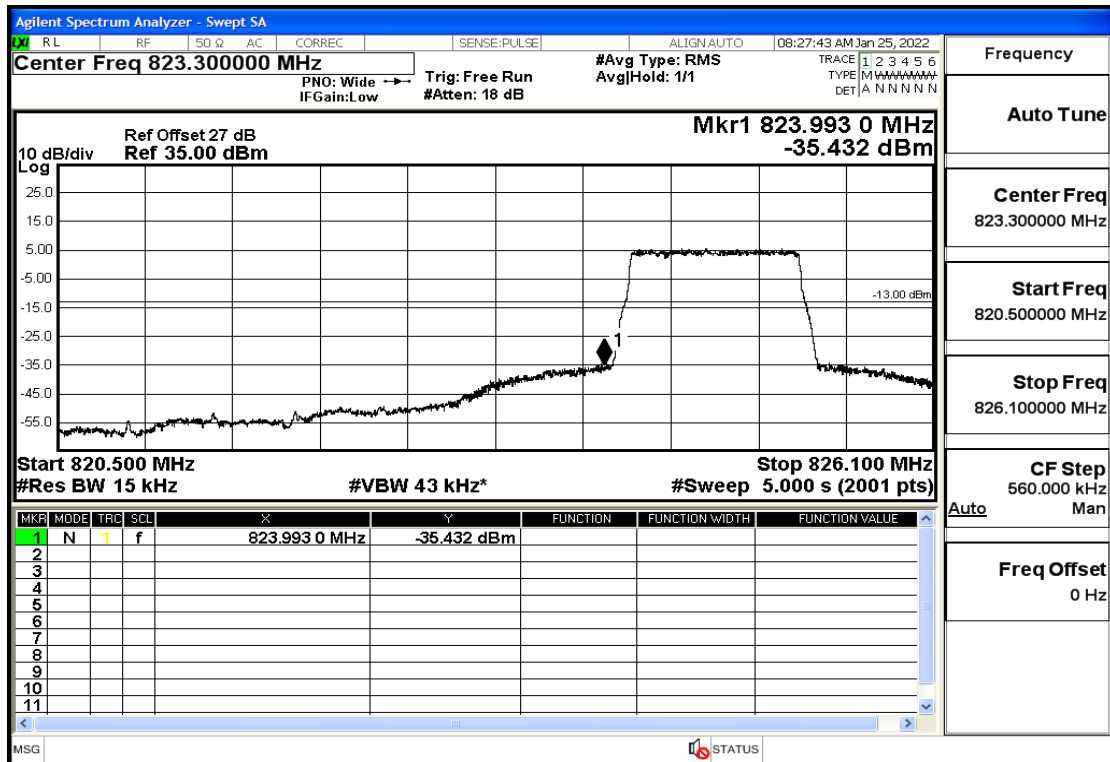
RF Test Data for LTE (Conducted Measurement)**Product Name: Smart phone****Trade Mark:** The logo for KRIP, featuring the letters 'KRIP' in a bold, white, sans-serif font. The 'K' is stylized with a horizontal bar extending to the left, and the 'R' has a unique shape. The letters are set against a solid black rectangular background.**Test Model: K58****Sample ID: TZ220102866-1#****FCC ID: 2APX7K58****Environmental Conditions**

Temperature:	23.8℃
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
Remark:	For LTE Band5

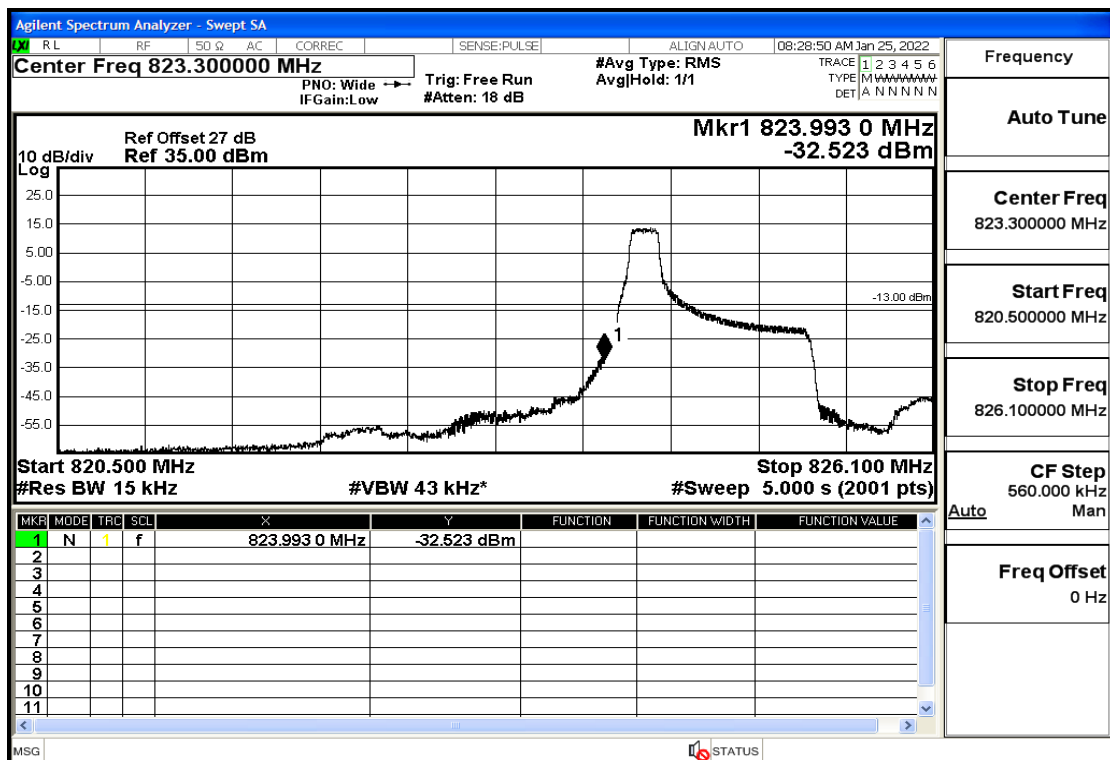
Band Edge and Emission Mask

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

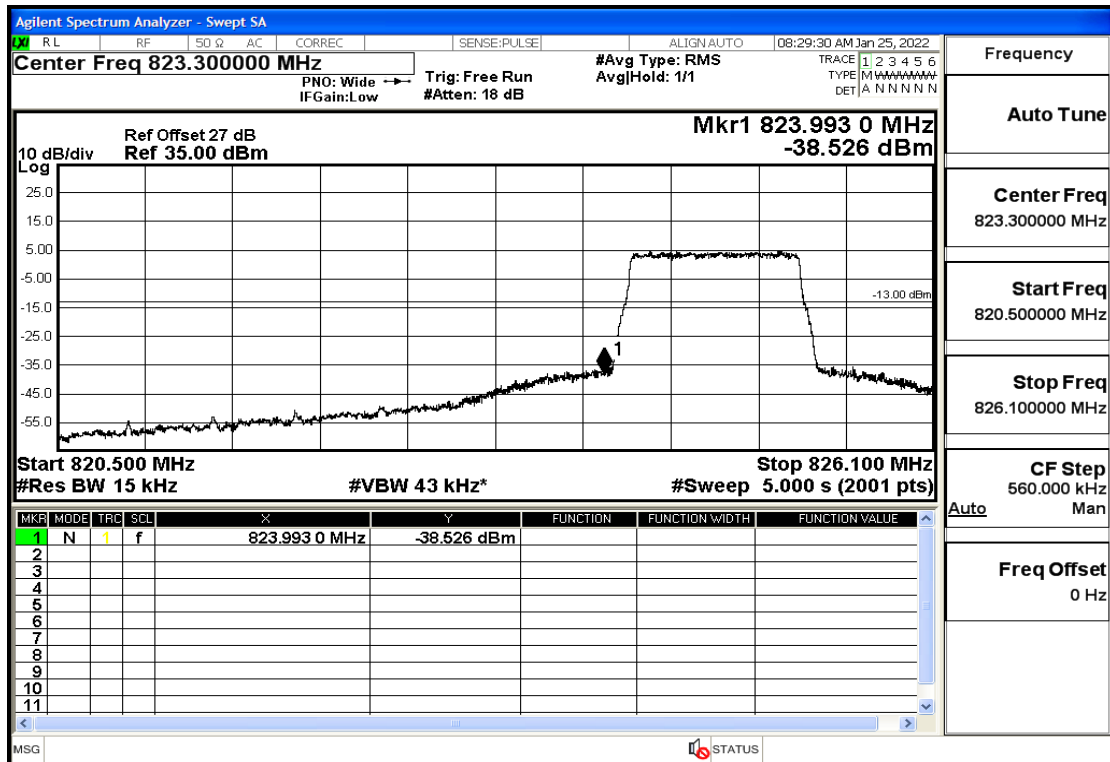
Band5-1.4-824.7-QPSK-6#LOW@Pass



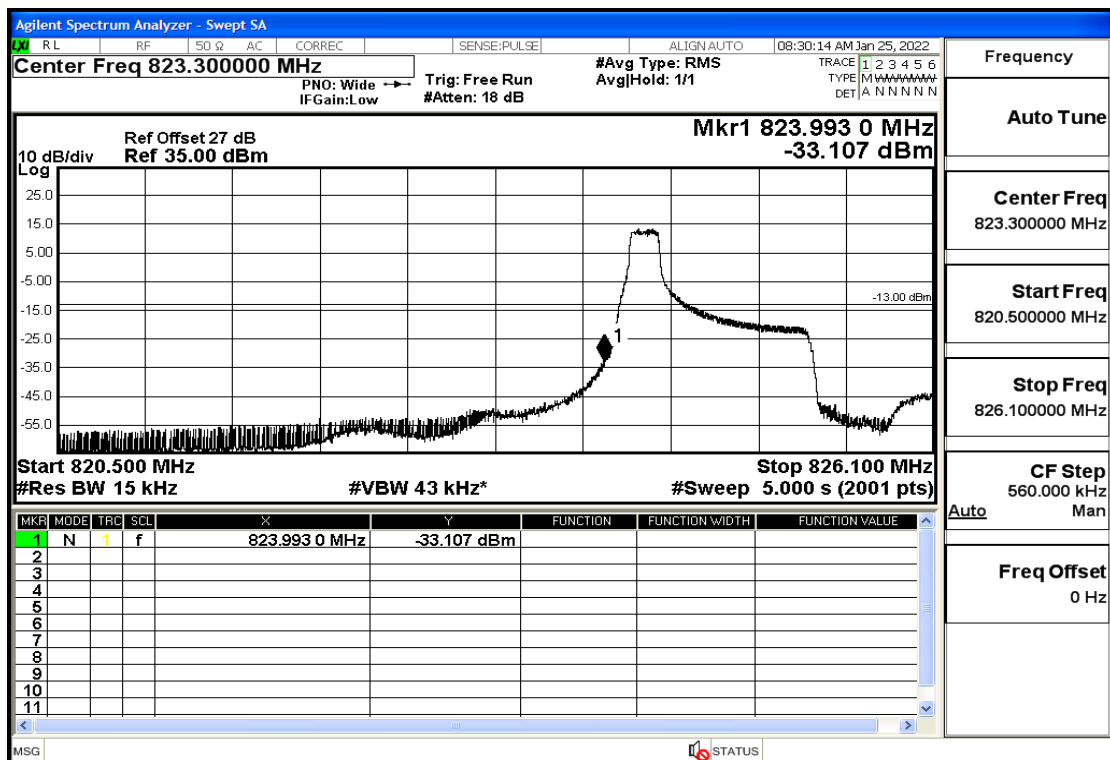
Band5-1.4-824.7-QPSK-1#LOW@Pass



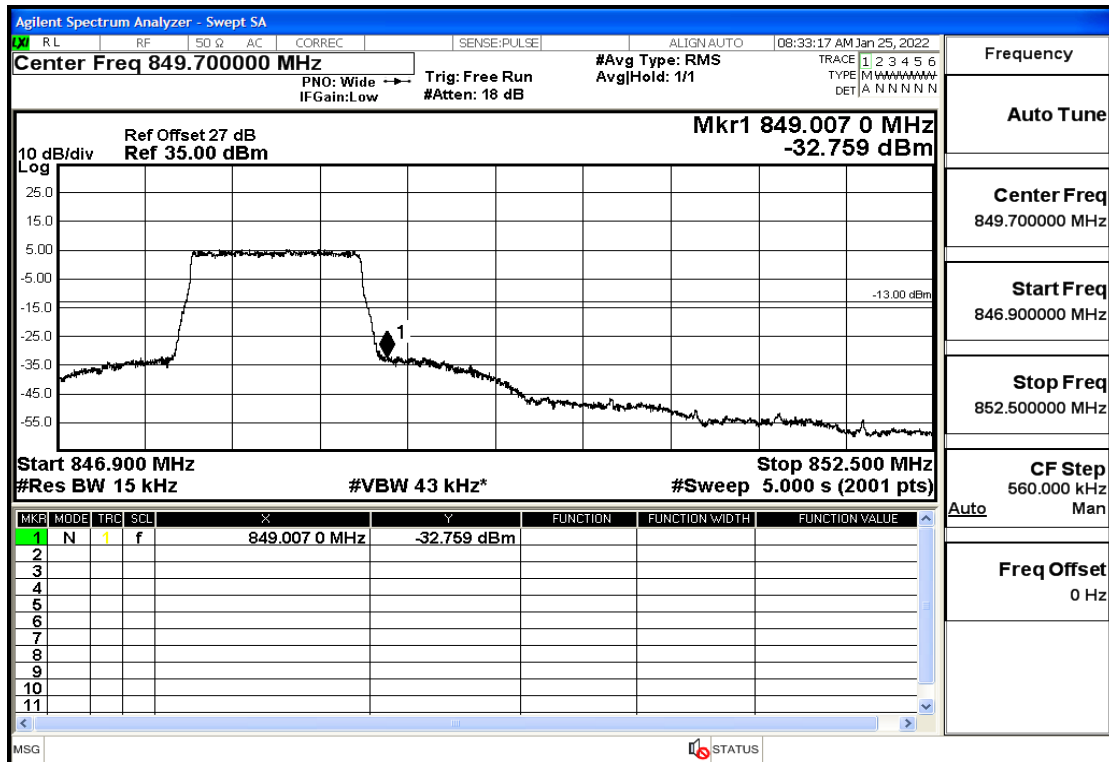
Band5-1.4-824.7-16QAM-6#LOW@Pass



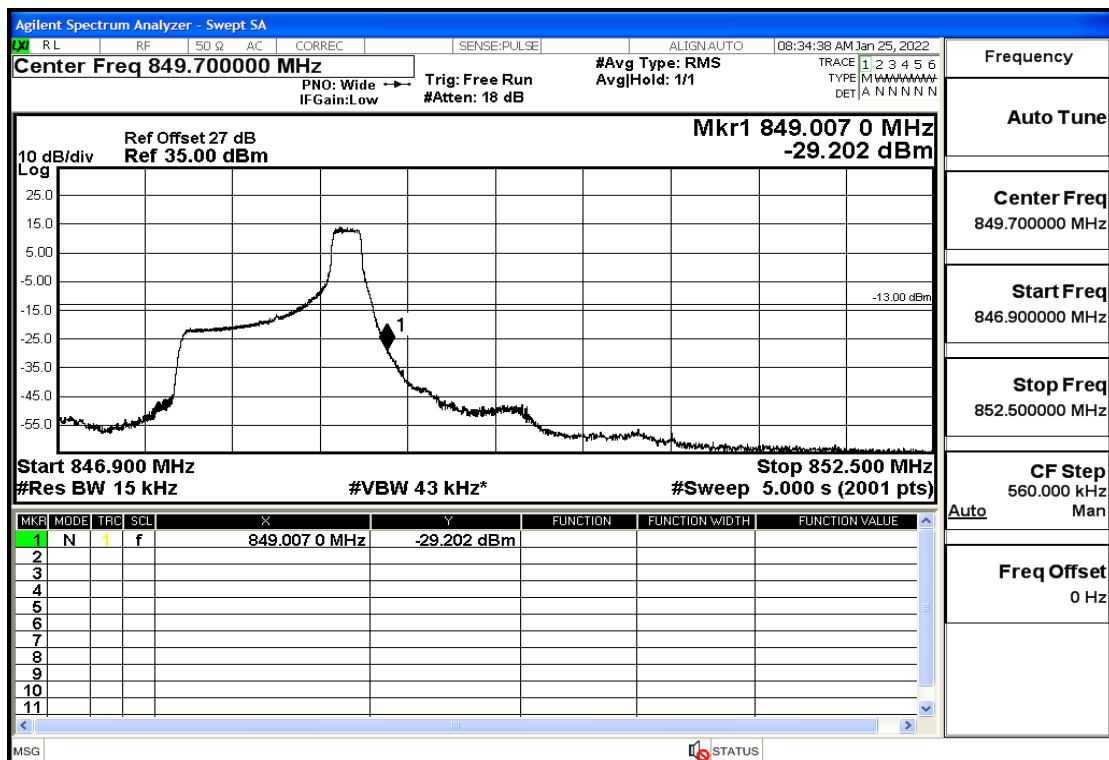
Band5-1.4-824.7-16QAM-1#LOW@Pass



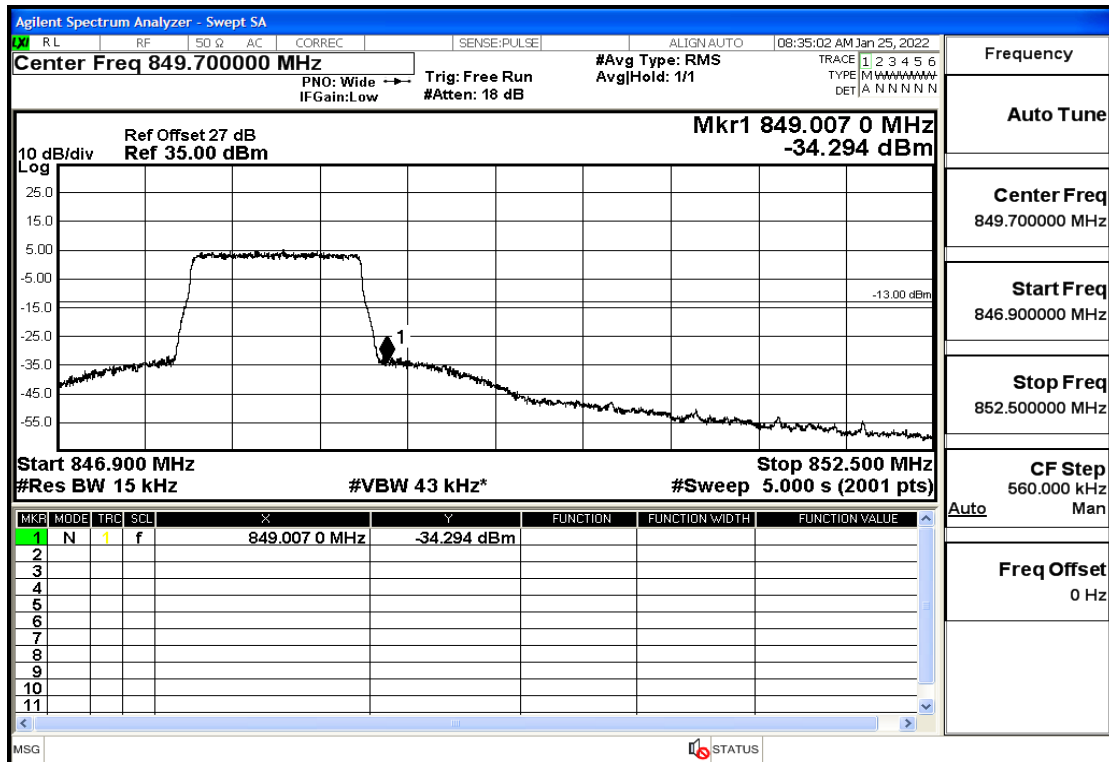
Band5-1.4-848.3-QPSK-6#LOW@Pass



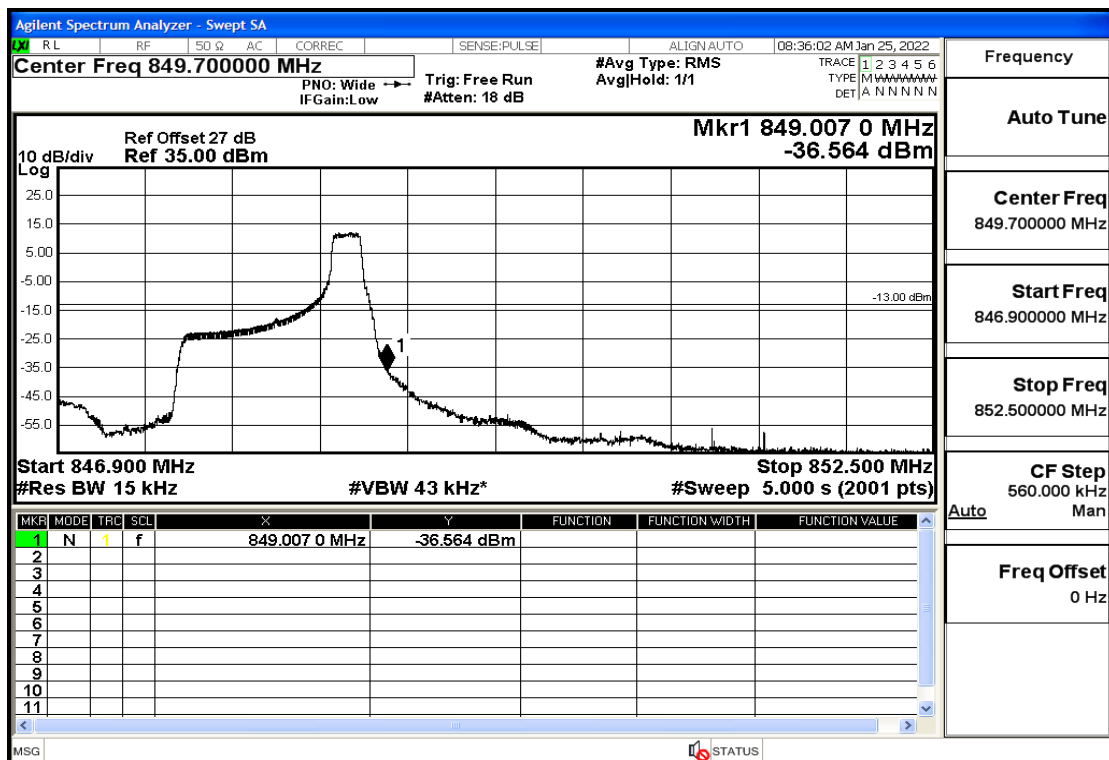
Band5-1.4-848.3-QPSK-1#HIGH@Pass



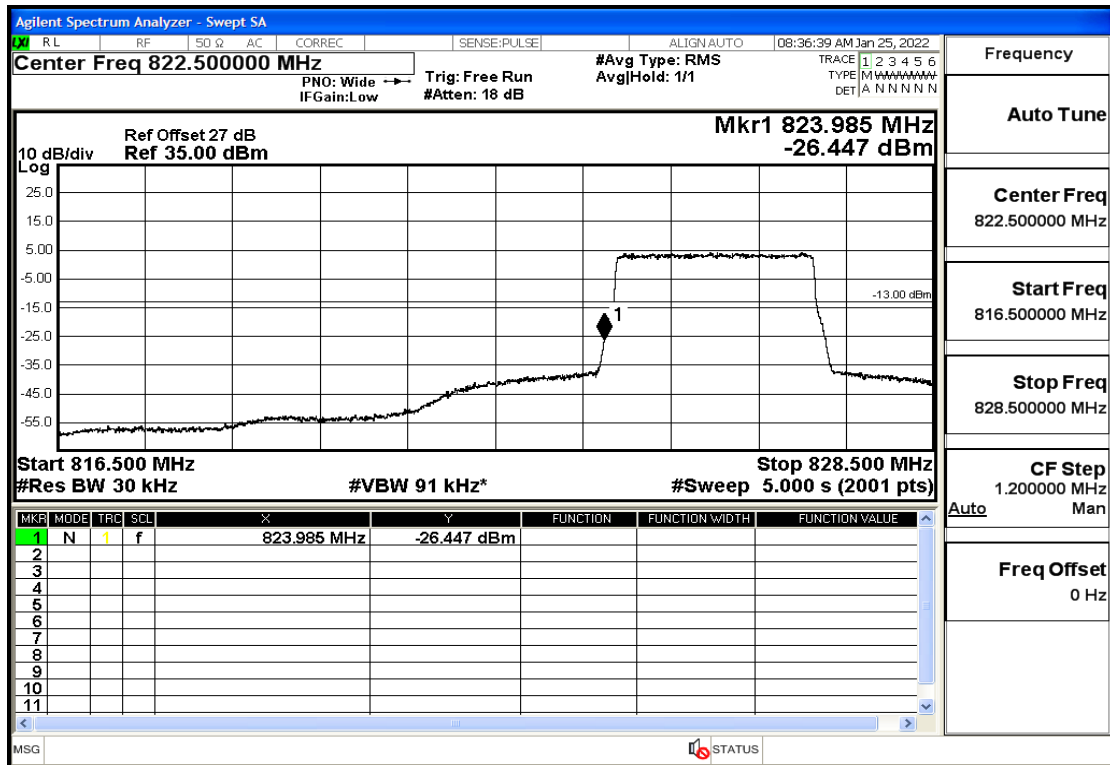
Band5-1.4-848.3-16QAM-6#LOW@Pass



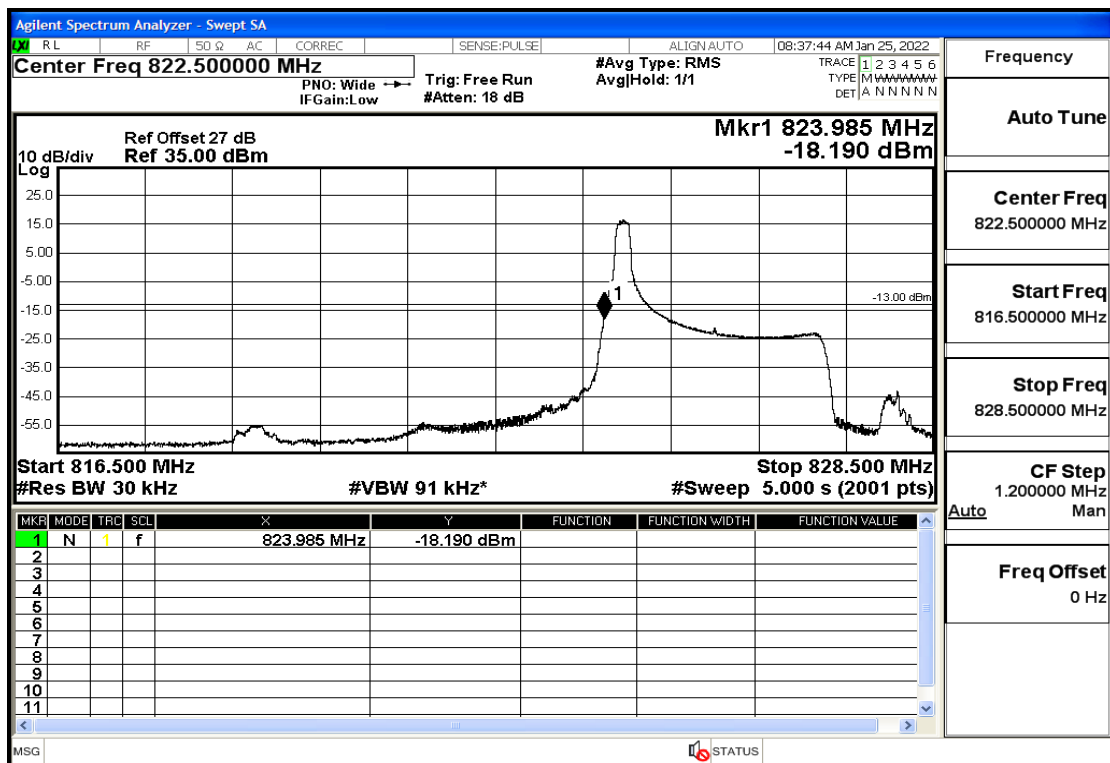
Band5-1.4-848.3-16QAM-1#HIGH@Pass



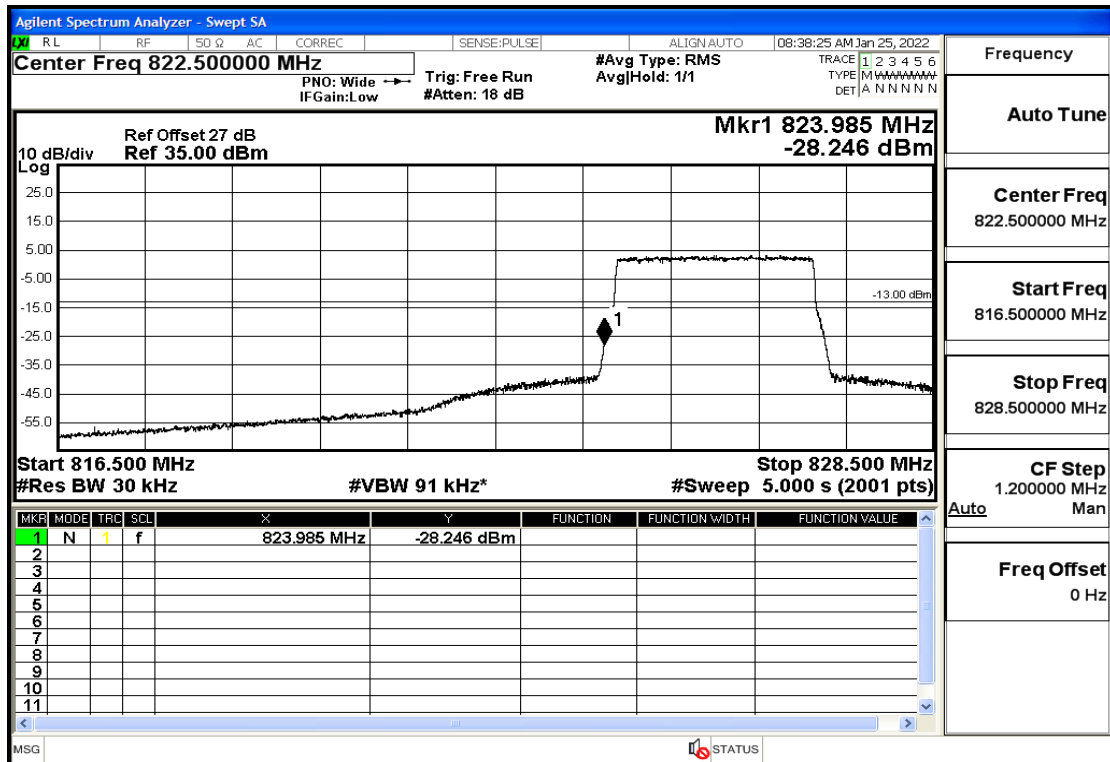
Band5-3-825.5-QPSK-15#LOW@Pass



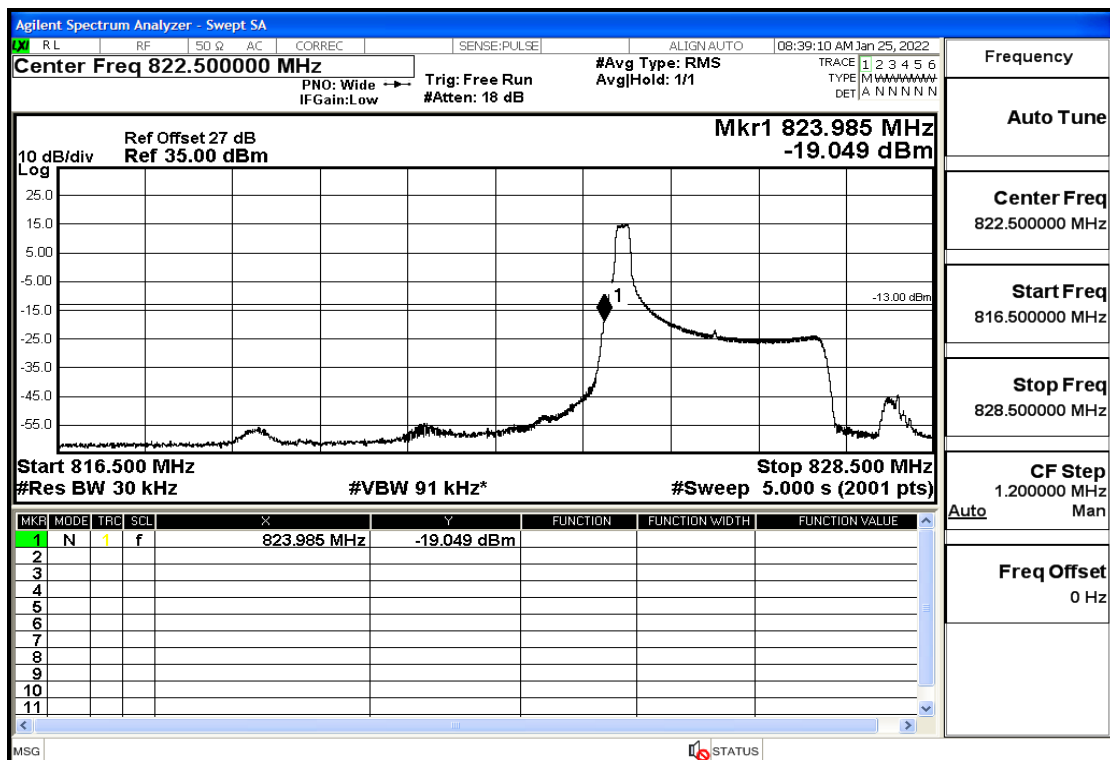
Band5-3-825.5-QPSK-1#LOW@Pass



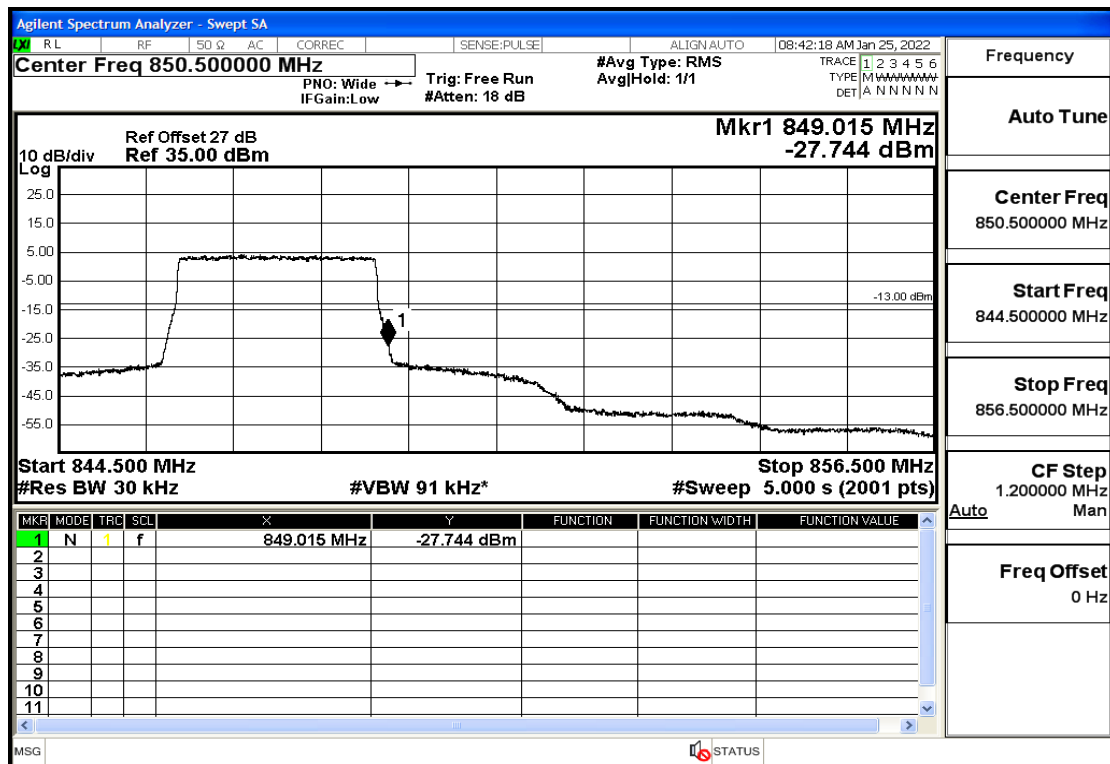
Band5-3-825.5-16QAM-15#LOW@Pass



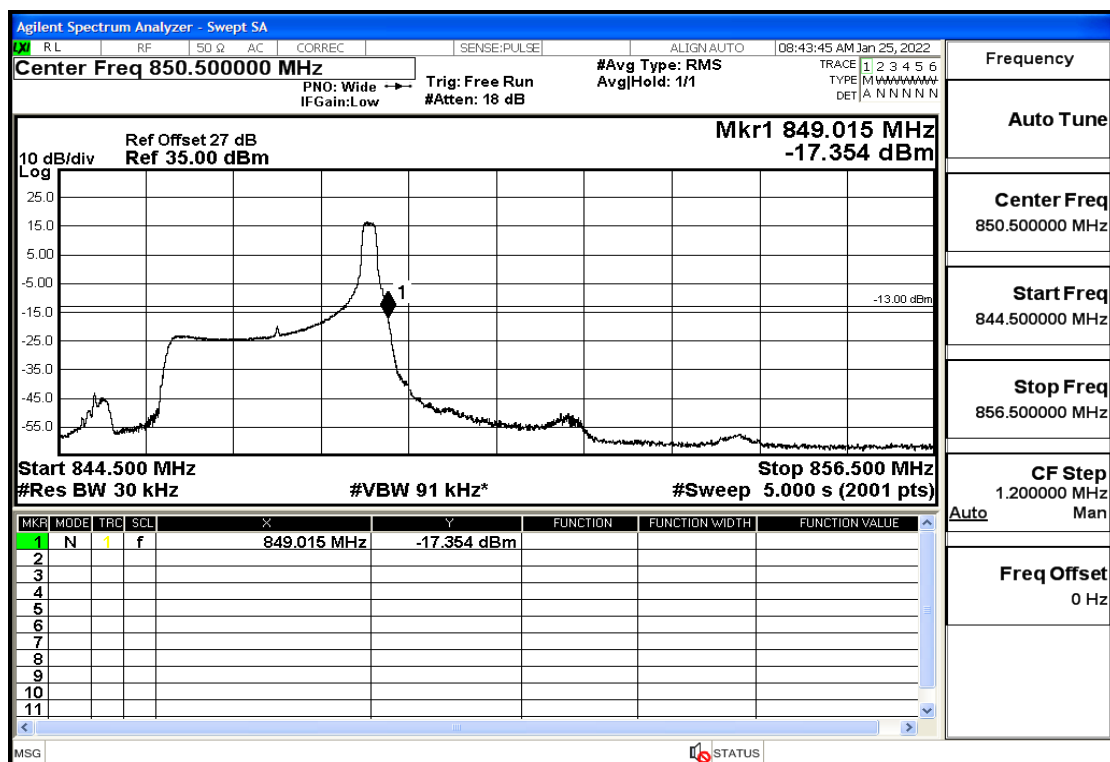
Band5-3-825.5-16QAM-1#LOW@Pass



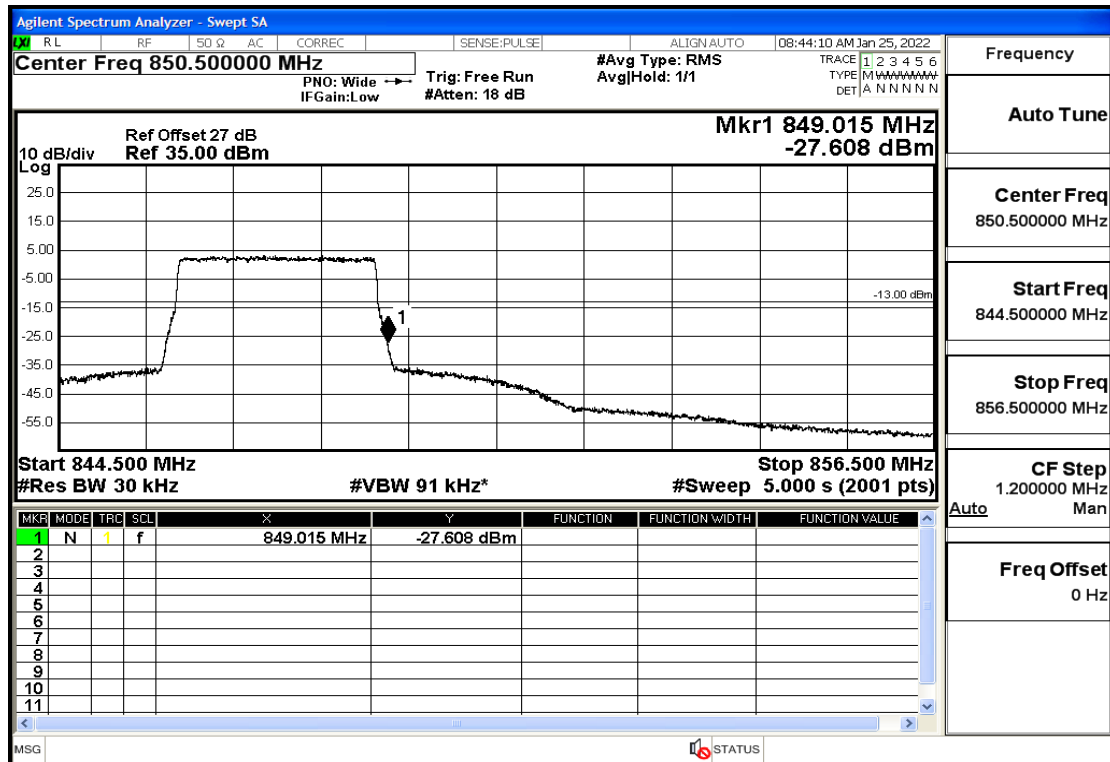
Band5-3-847.5-QPSK-15#LOW@Pass



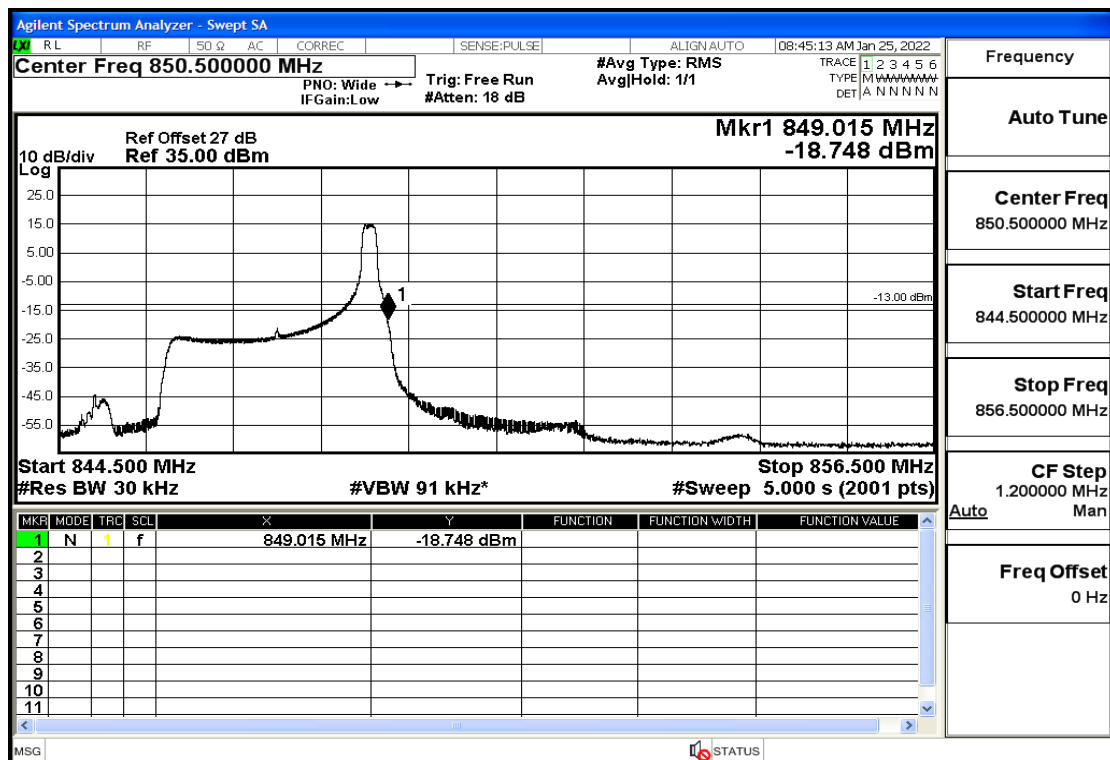
Band5-3-847.5-QPSK-1#HIGH@Pass



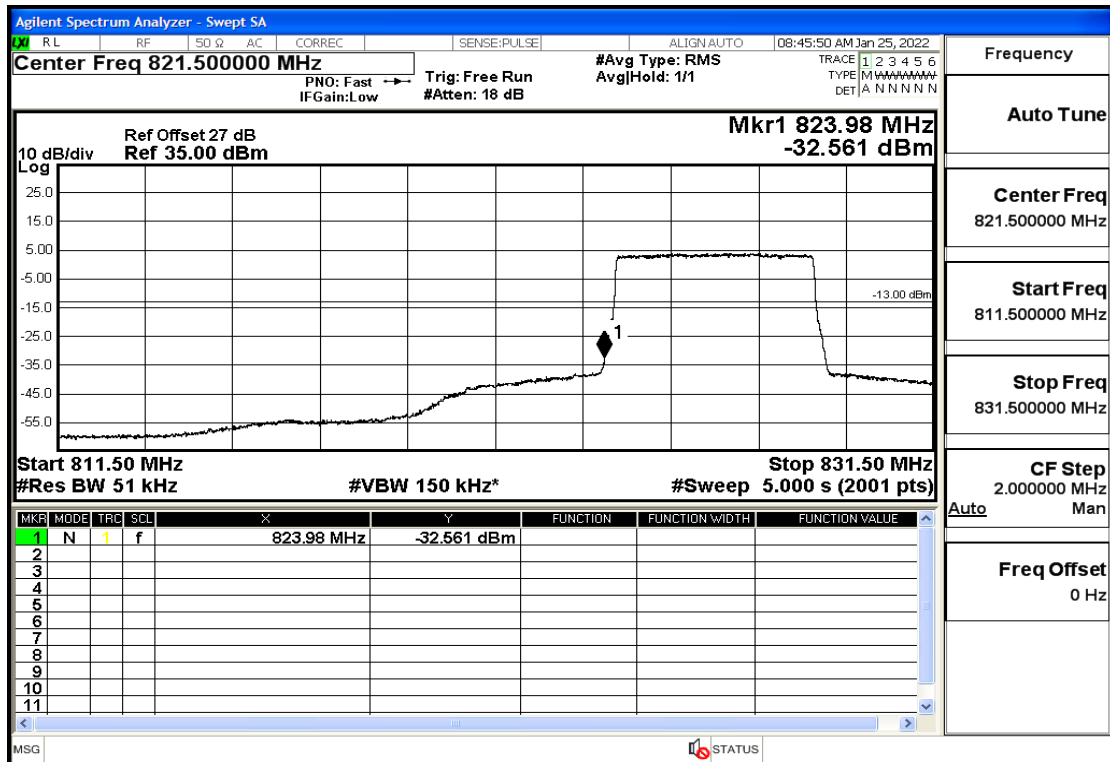
Band5-3-847.5-16QAM-15#LOW@Pass



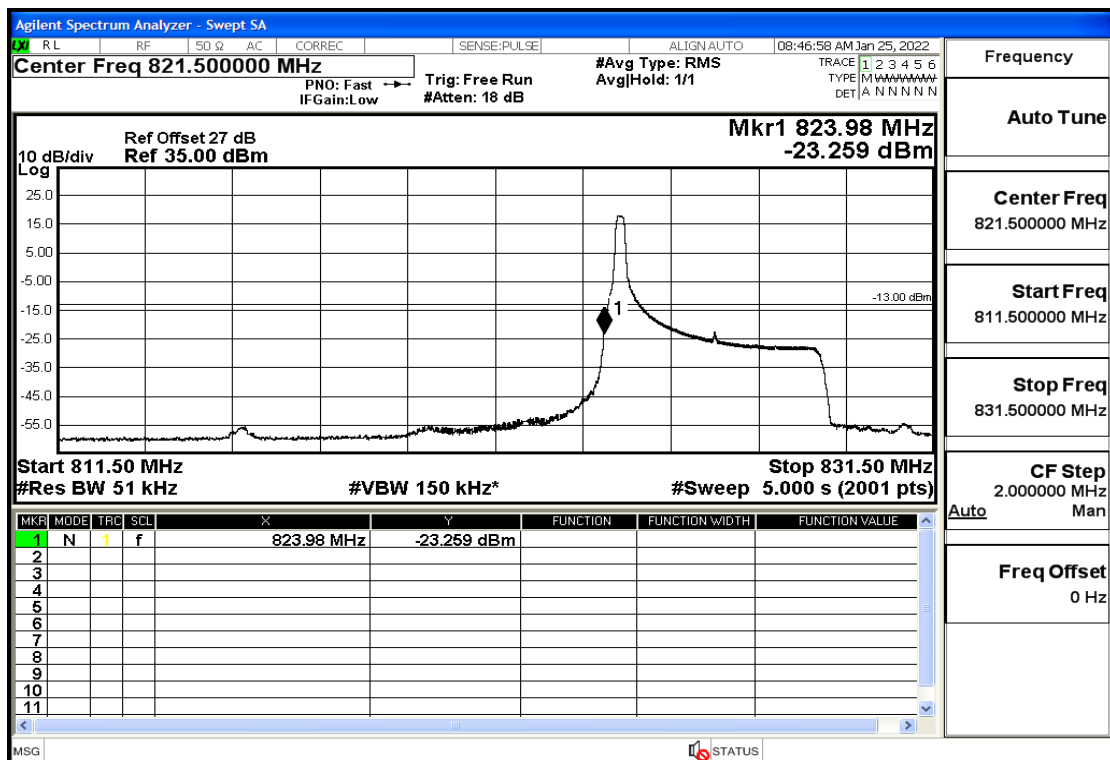
Band5-3-847.5-16QAM-1#HIGH@Pass



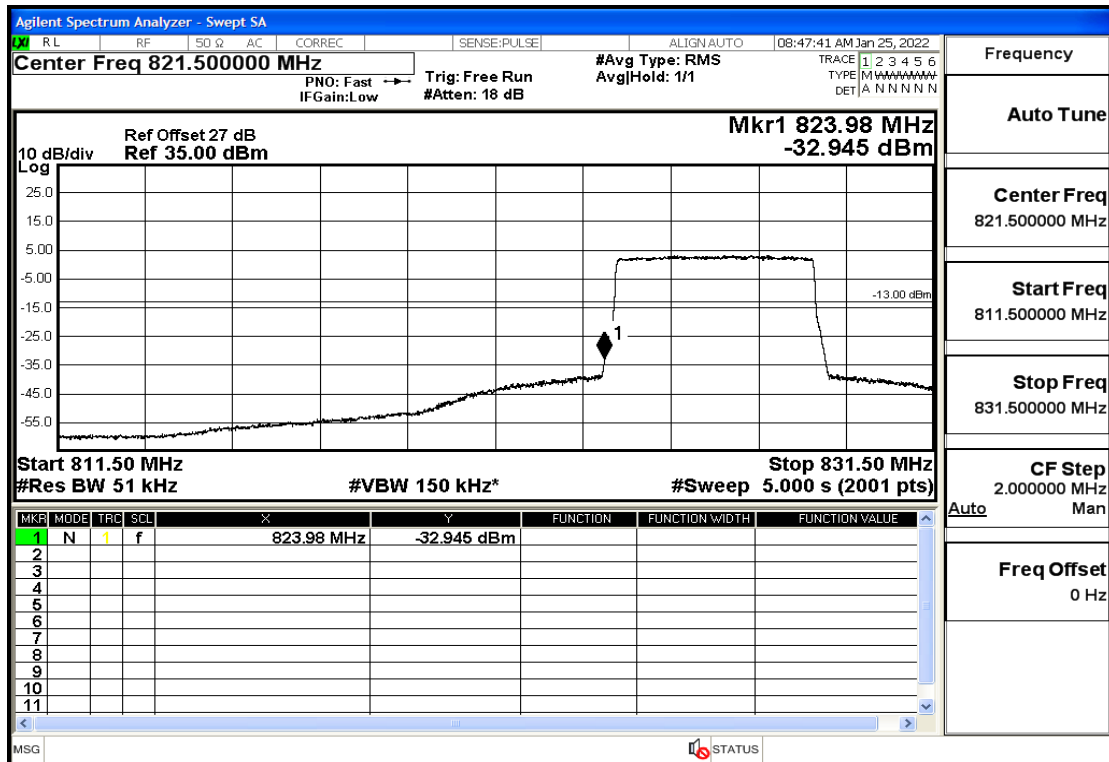
Band5-5-826.5-QPSK-25#LOW@Pass



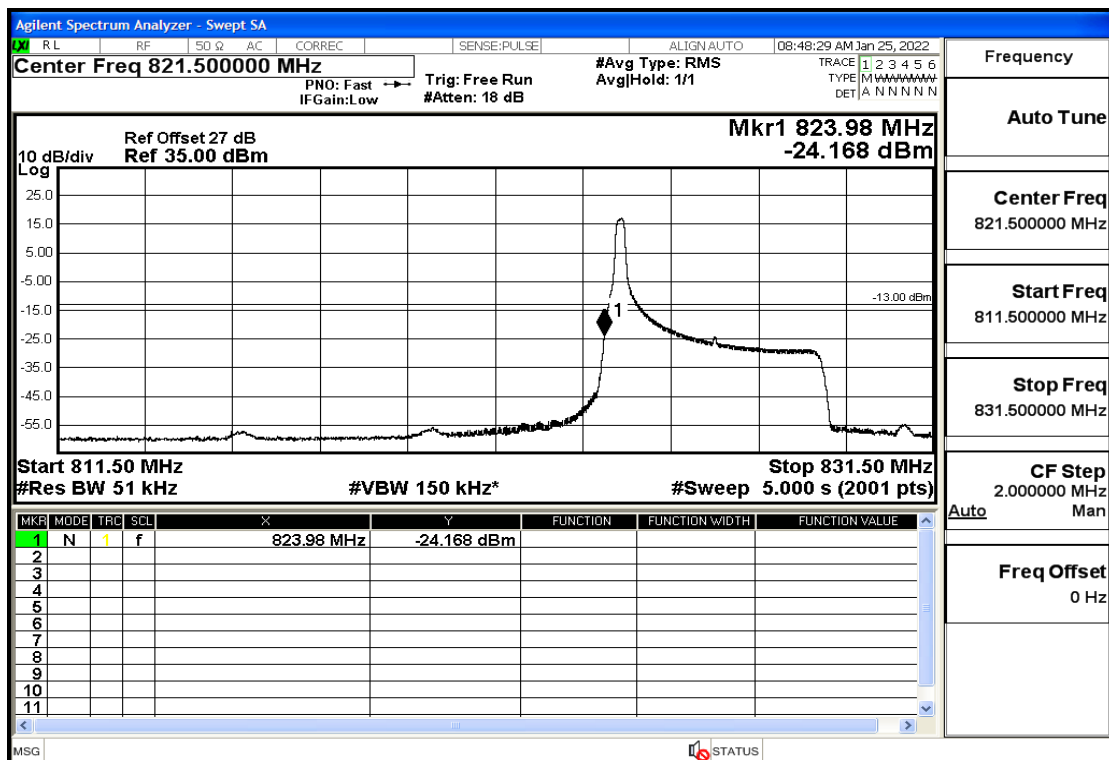
Band5-5-826.5-QPSK-1#LOW@Pass



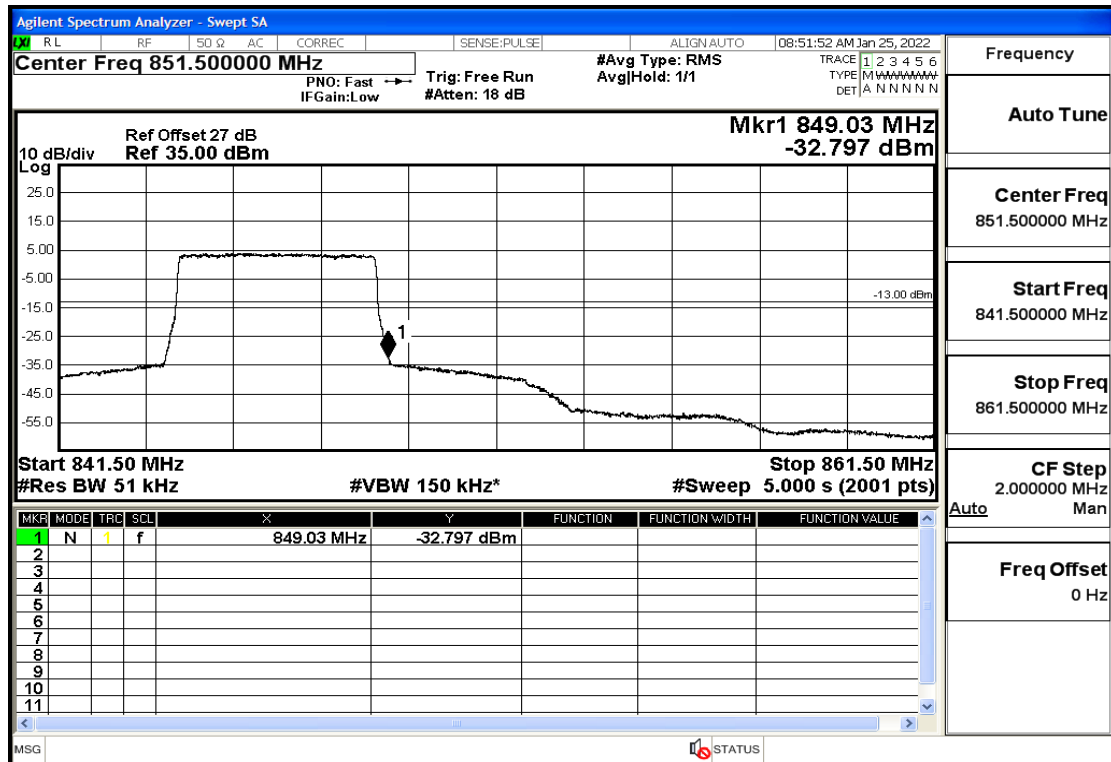
Band5-5-826.5-16QAM-25#LOW@Pass



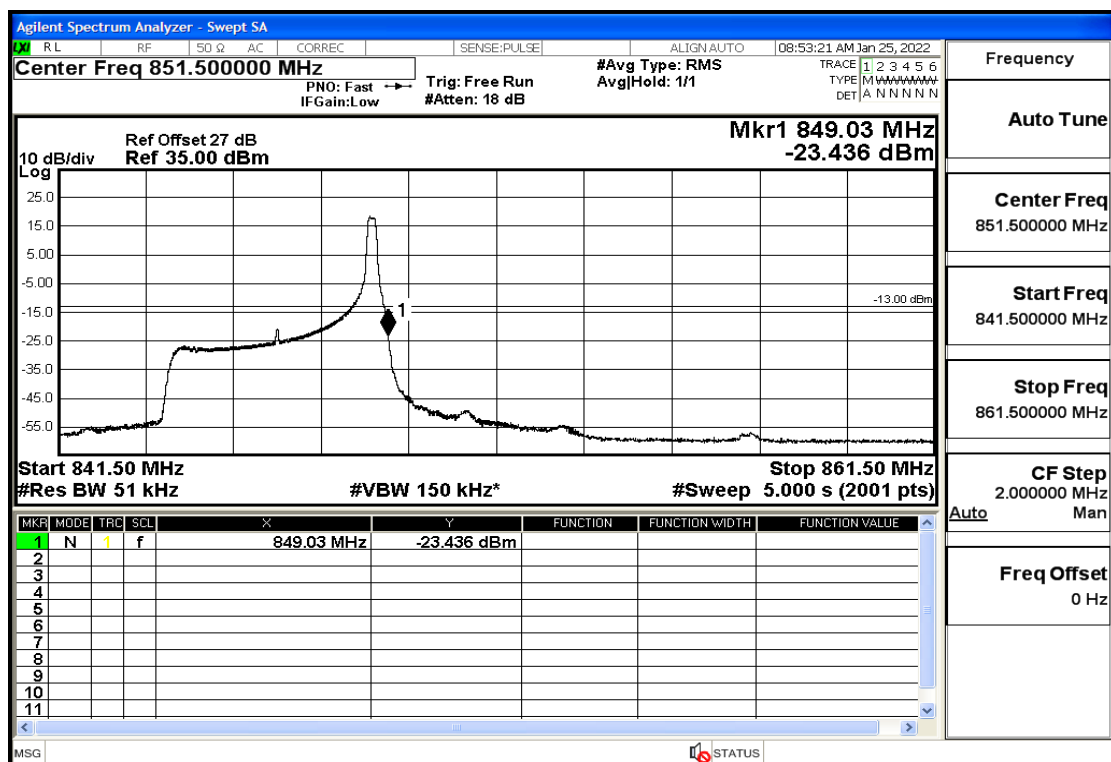
Band5-5-826.5-16QAM-1#LOW@Pass



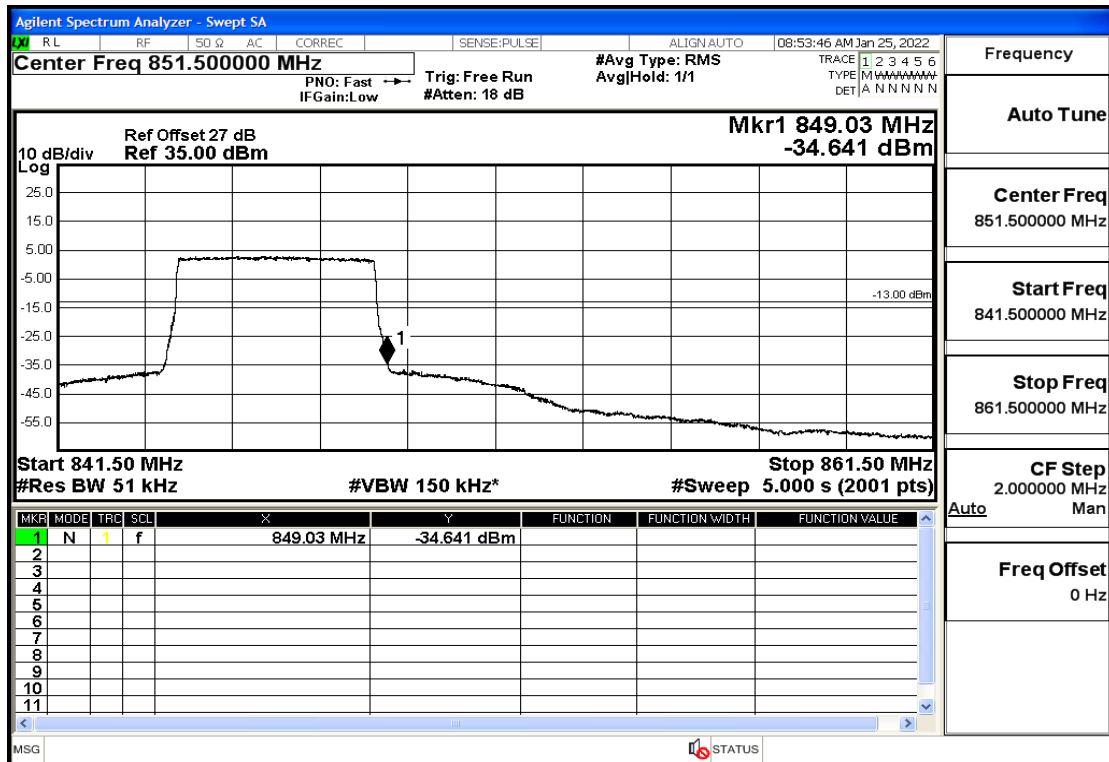
Band5-5-846.5-QPSK-25#LOW@Pass



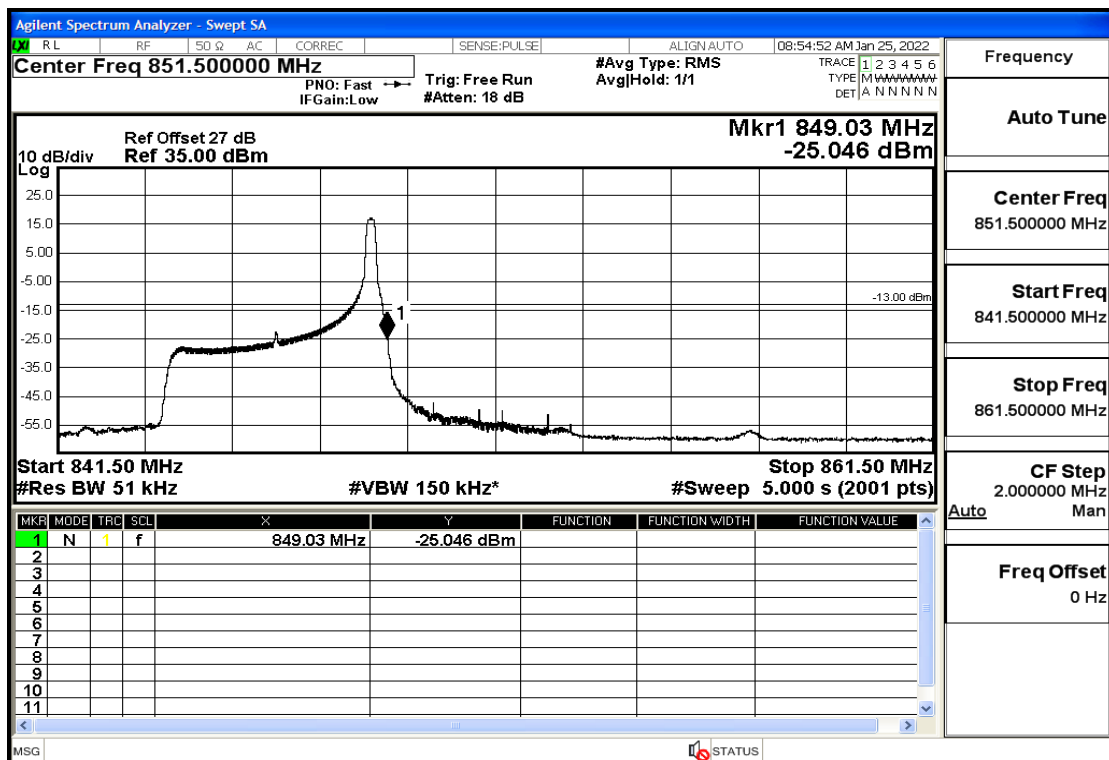
Band5-5-846.5-QPSK-1#HIGH@Pass



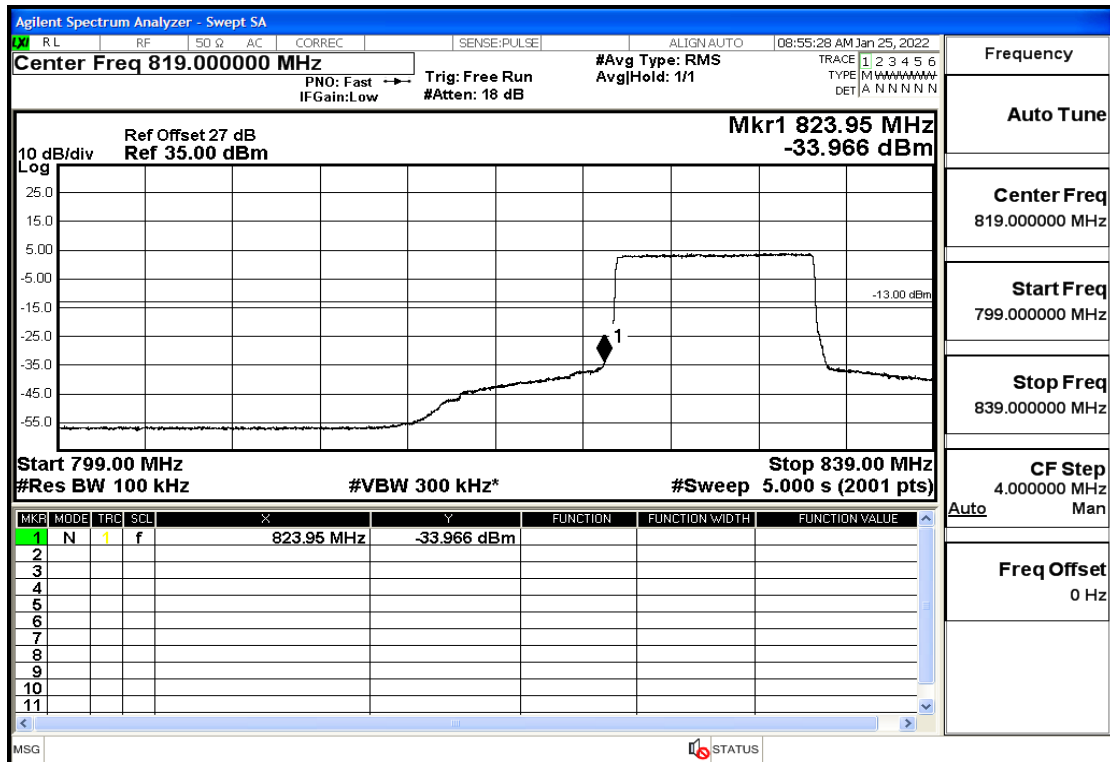
Band5-5-846.5-16QAM-25#LOW@Pass



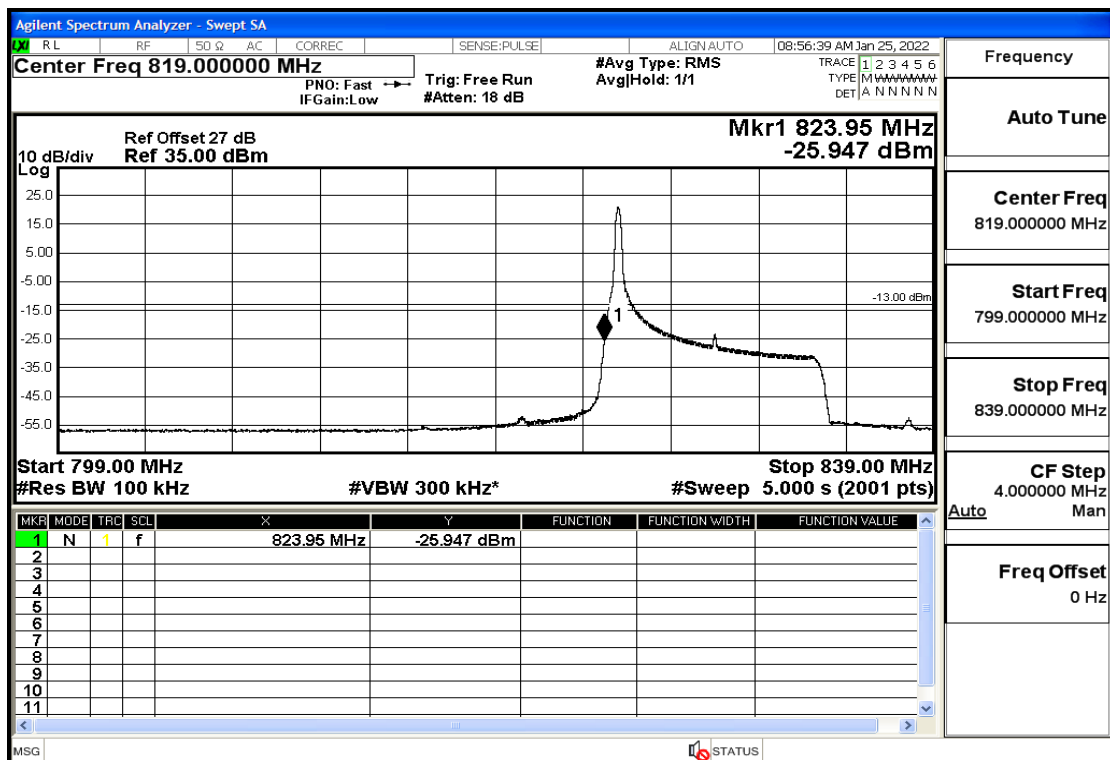
Band5-5-846.5-16QAM-1#HIGH@Pass



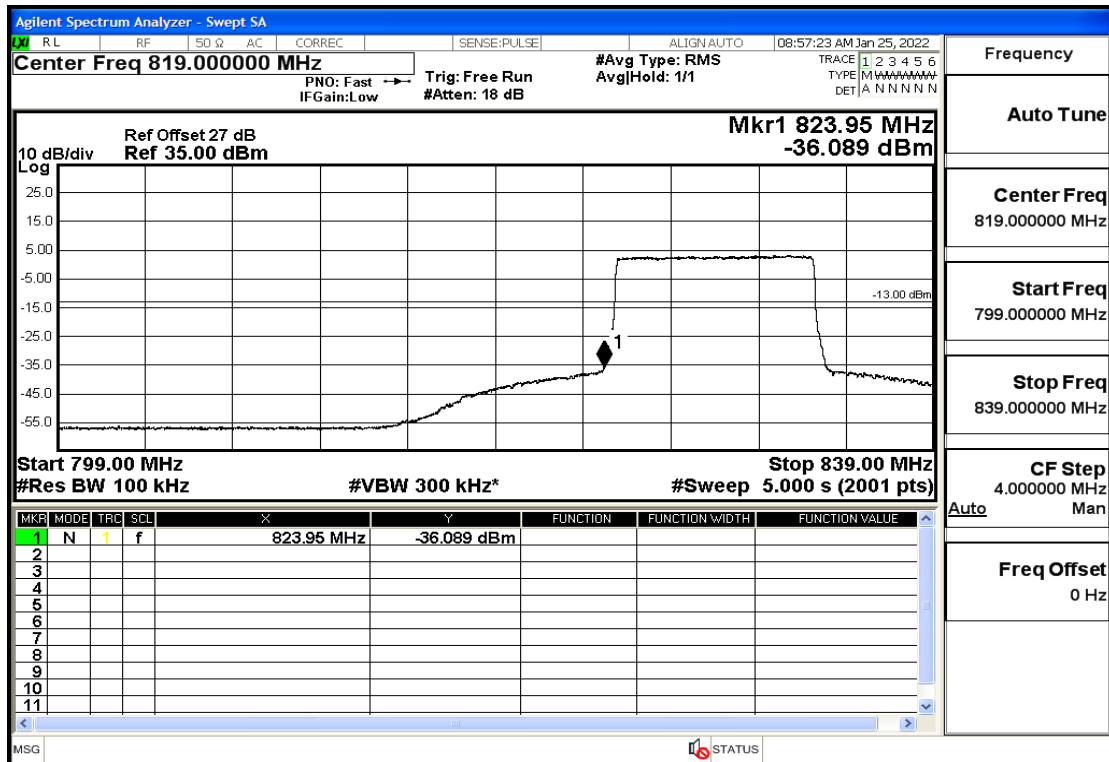
Band5-10-829-QPSK-50#LOW@Pass



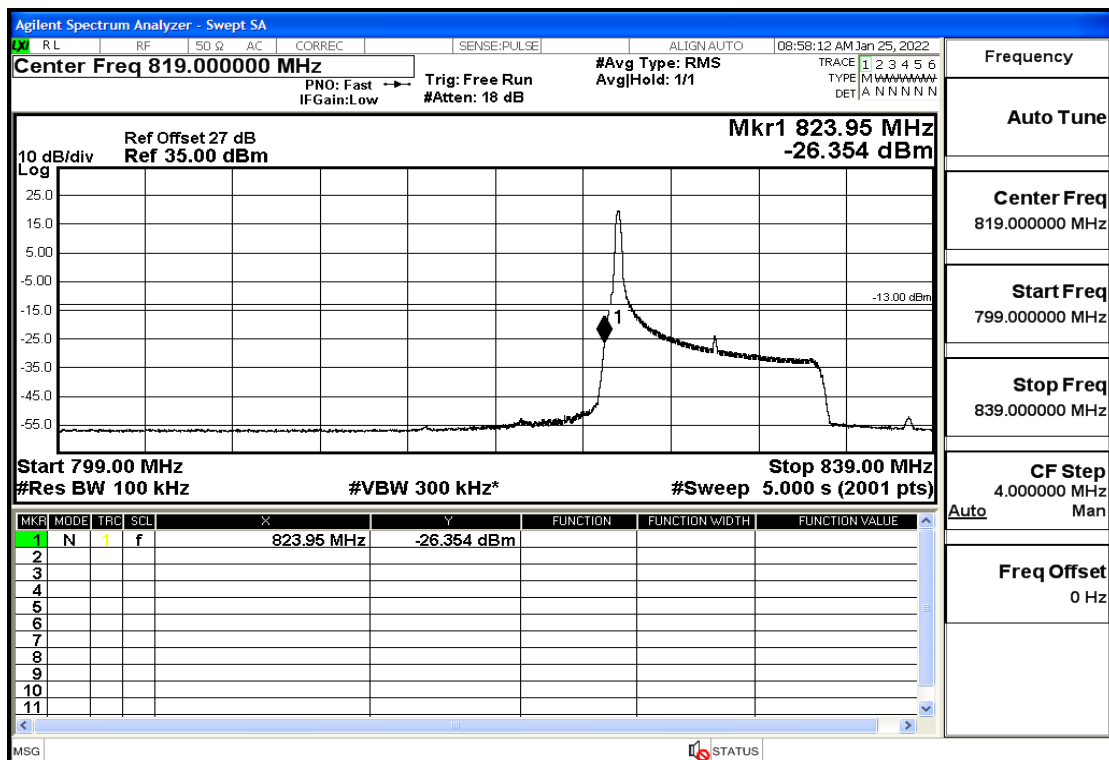
Band5-10-829-QPSK-1#LOW@Pass



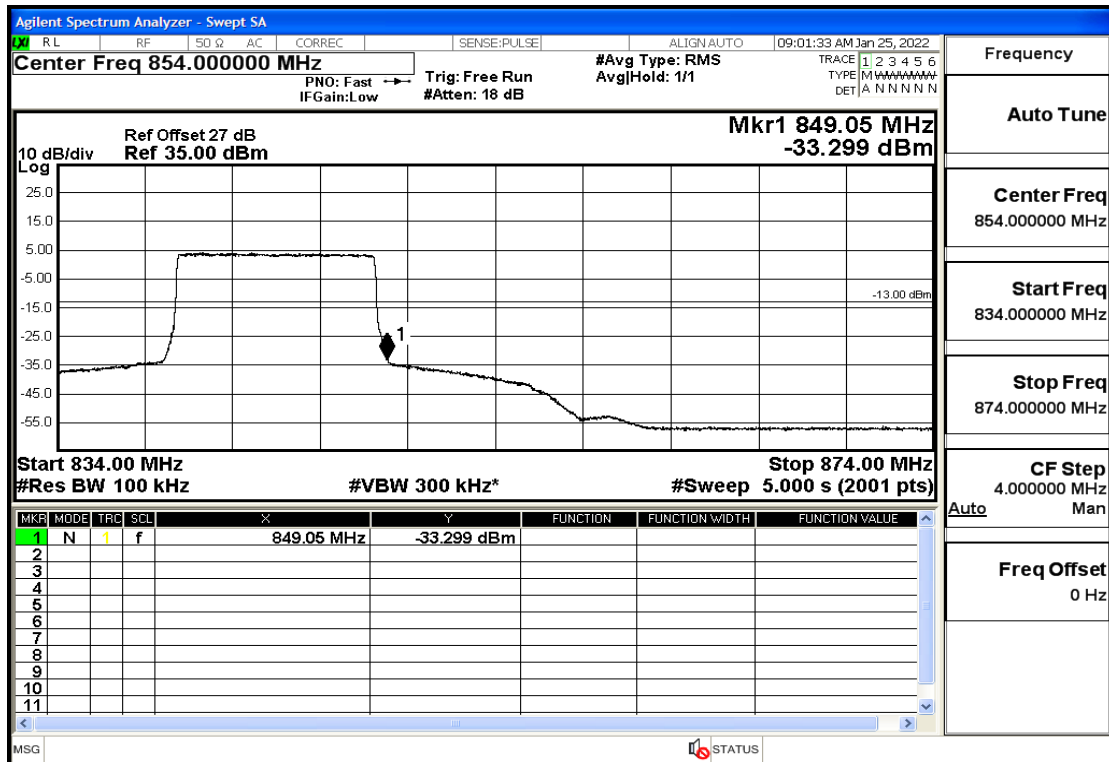
Band5-10-829-16QAM-50#LOW@Pass



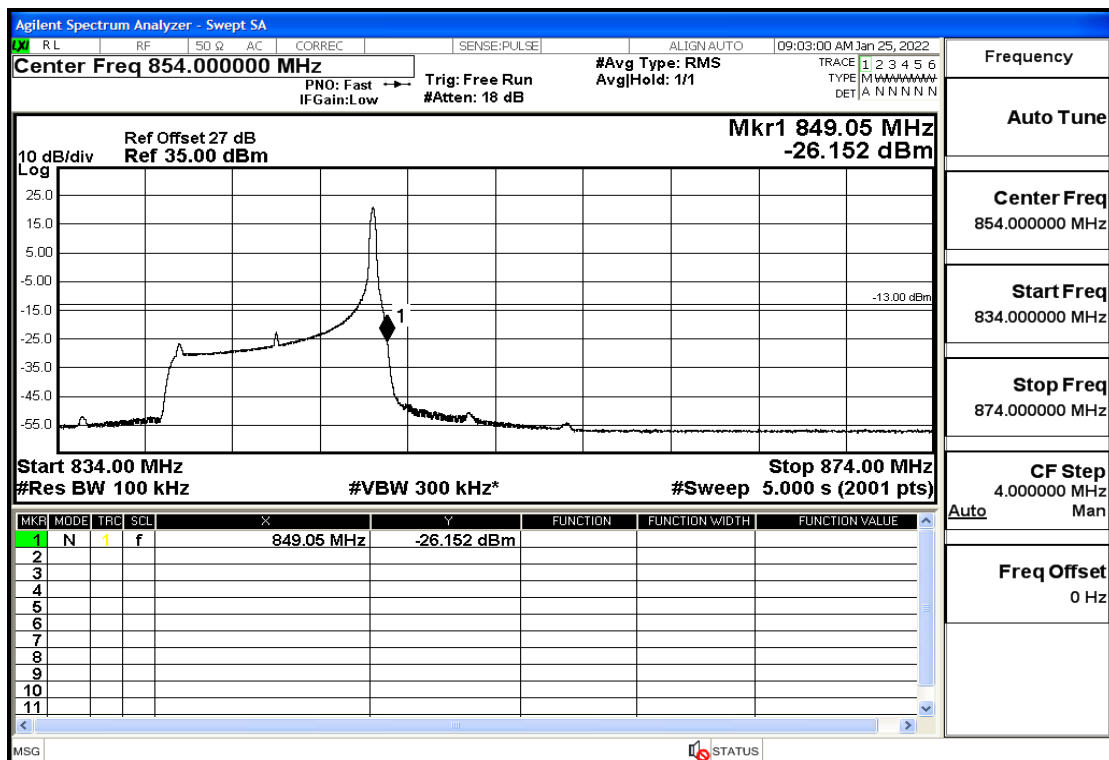
Band5-10-829-16QAM-1#LOW@Pass



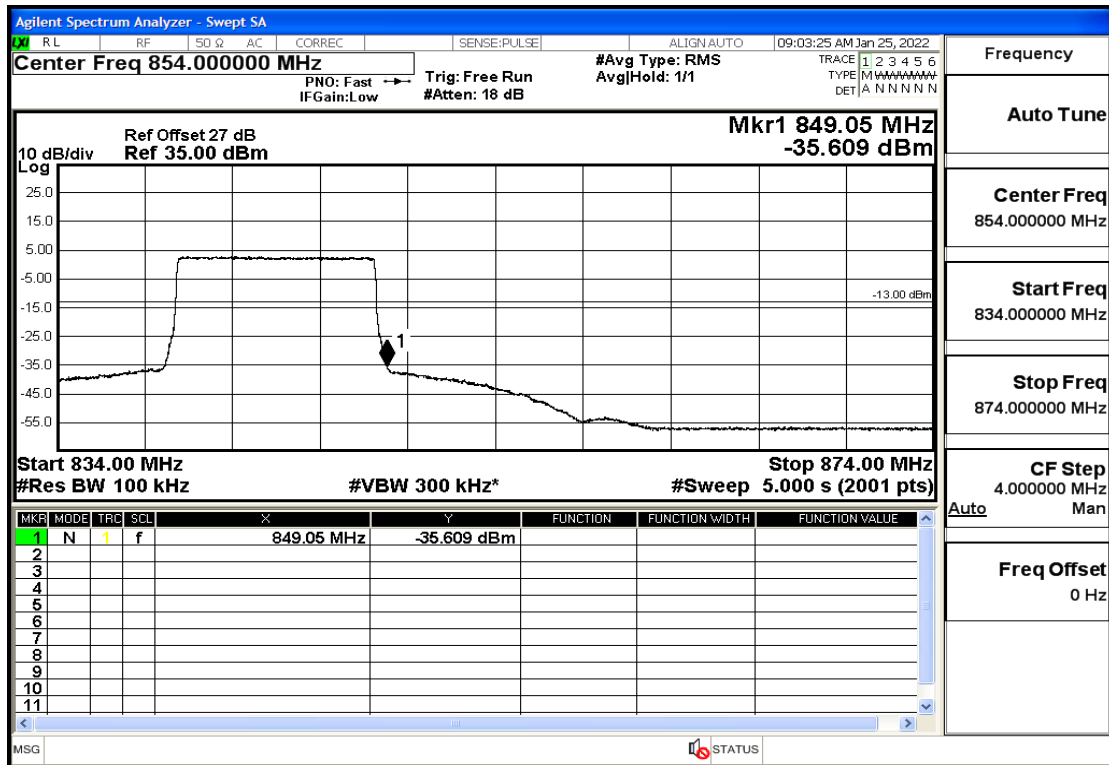
Band5-10-844-QPSK-50#LOW@Pass



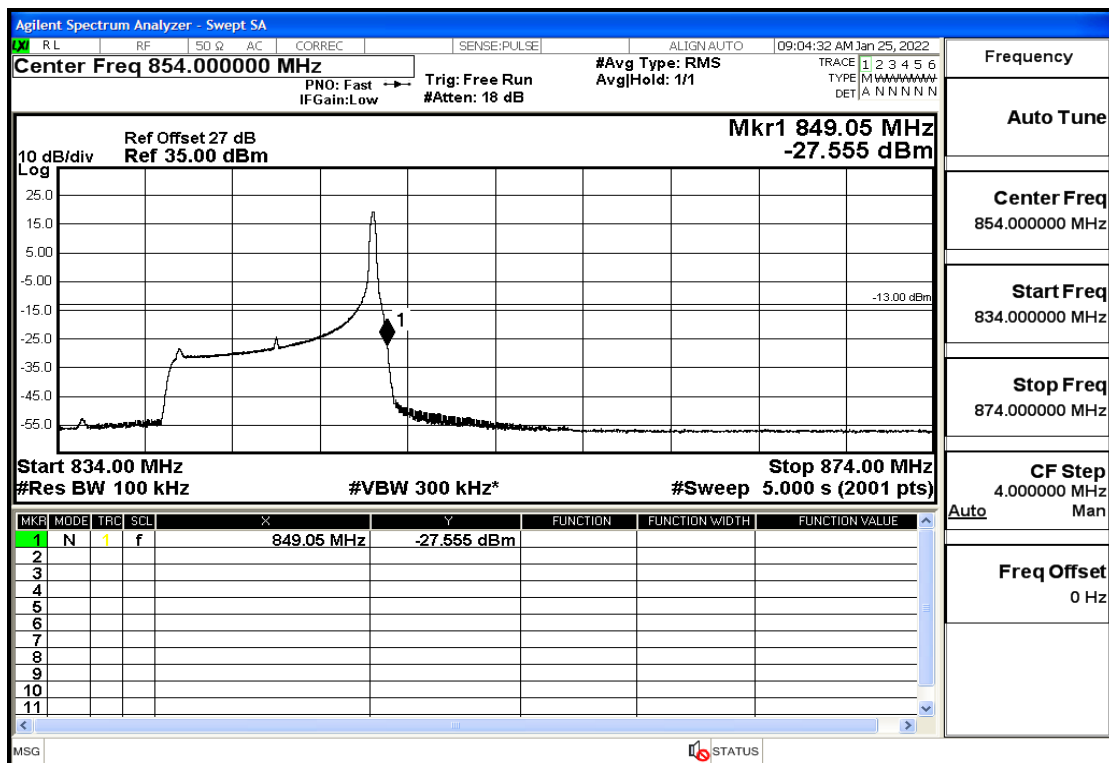
Band5-10-844-QPSK-1#HIGH@Pass



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



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

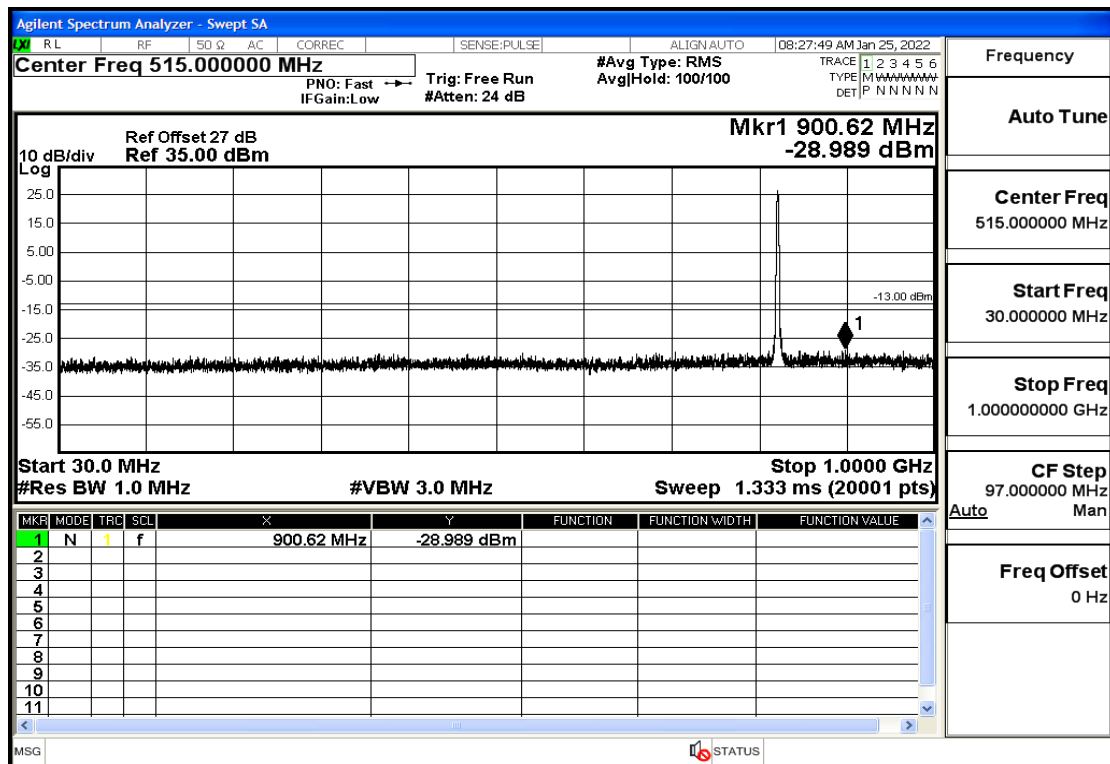


Conducted Spurious Emission

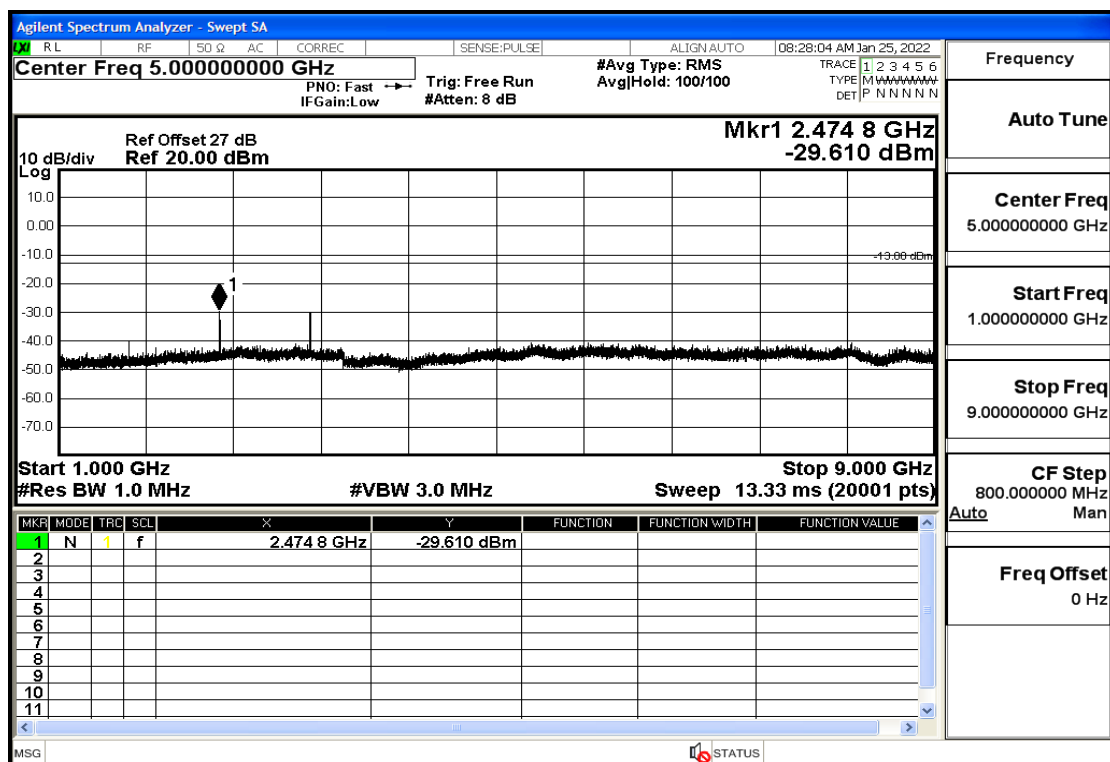
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB5	1.4	824.7	QPSK	6	LOW	30mHz-1GHz	Pass
OB5	1.4	824.7	QPSK	6	LOW	1GHz-9GHz	Pass
OB5	1.4	836.5	QPSK	6	LOW	30mHz-1GHz	Pass
OB5	1.4	836.5	QPSK	6	LOW	1GHz-9GHz	Pass
OB5	1.4	848.3	QPSK	6	LOW	30mHz-1GHz	Pass
OB5	1.4	848.3	QPSK	6	LOW	1GHz-9GHz	Pass
OB5	3	825.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB5	3	825.5	QPSK	15	LOW	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	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	846.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB5	5	846.5	QPSK	25	LOW	1GHz-9GHz	Pass
OB5	10	829	QPSK	50	LOW	30mHz-1GHz	Pass
OB5	10	829	QPSK	50	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	844	QPSK	50	LOW	30mHz-1GHz	Pass
OB5	10	844	QPSK	50	LOW	1GHz-9GHz	Pass
OB5	1.4	824.7	Q16	6	LOW	30mHz-1GHz	Pass
OB5	1.4	824.7	Q16	6	LOW	1GHz-9GHz	Pass
OB5	1.4	836.5	Q16	6	LOW	30mHz-1GHz	Pass
OB5	1.4	836.5	Q16	6	LOW	1GHz-9GHz	Pass
OB5	1.4	848.3	Q16	6	LOW	30mHz-1GHz	Pass
OB5	1.4	848.3	Q16	6	LOW	1GHz-9GHz	Pass
OB5	3	825.5	Q16	15	LOW	30mHz-1GHz	Pass
OB5	3	825.5	Q16	15	LOW	1GHz-9GHz	Pass
OB5	3	836.5	Q16	15	LOW	30mHz-1GHz	Pass
OB5	3	836.5	Q16	15	LOW	1GHz-9GHz	Pass
OB5	3	847.5	Q16	15	LOW	30mHz-1GHz	Pass
OB5	3	847.5	Q16	15	LOW	1GHz-9GHz	Pass
OB5	5	826.5	Q16	25	LOW	30mHz-1GHz	Pass
OB5	5	826.5	Q16	25	LOW	1GHz-9GHz	Pass
OB5	5	836.5	Q16	25	LOW	30mHz-1GHz	Pass
OB5	5	836.5	Q16	25	LOW	1GHz-9GHz	Pass

OB5	5	846.5	Q16	25	LOW	30mHz-1GHz	Pass
OB5	5	846.5	Q16	25	LOW	1GHz-9GHz	Pass
OB5	10	829	Q16	50	LOW	30mHz-1GHz	Pass
OB5	10	829	Q16	50	LOW	1GHz-9GHz	Pass
OB5	10	836.5	Q16	50	LOW	30mHz-1GHz	Pass
OB5	10	836.5	Q16	50	LOW	1GHz-9GHz	Pass
OB5	10	844	Q16	50	LOW	30mHz-1GHz	Pass
OB5	10	844	Q16	50	LOW	1GHz-9GHz	Pass

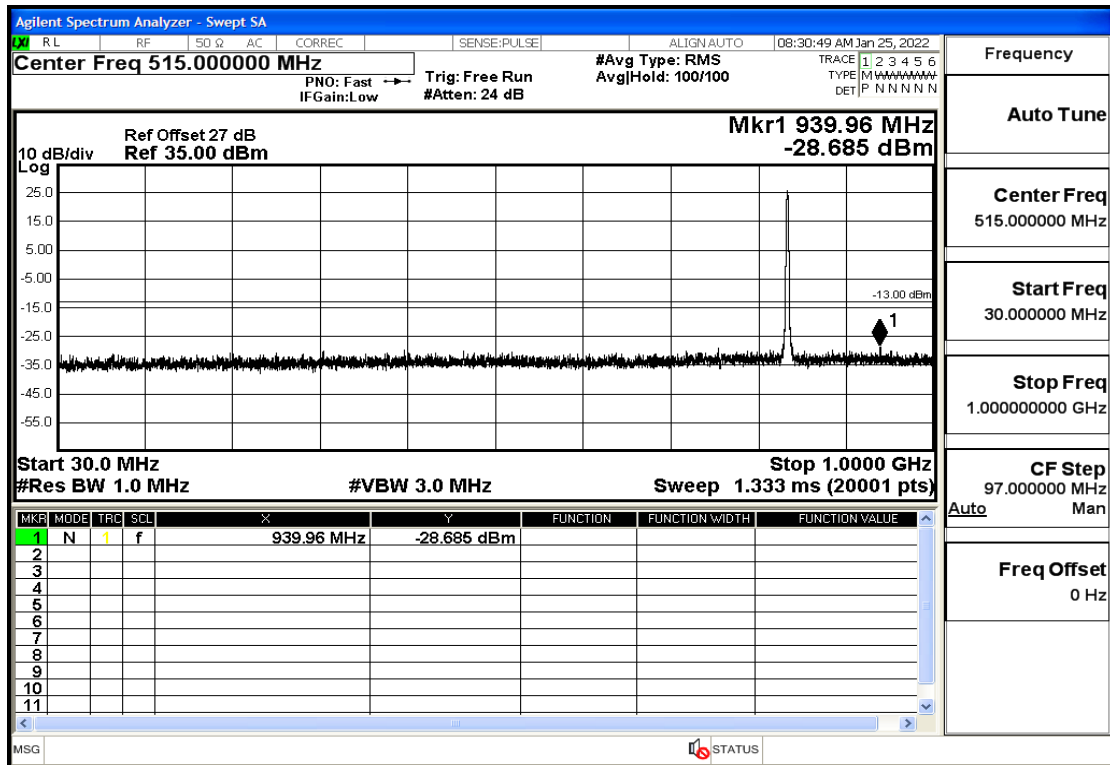
OB5-1.4-824.7-QPSK-6#LOW@30mHz-1GHz@Pass



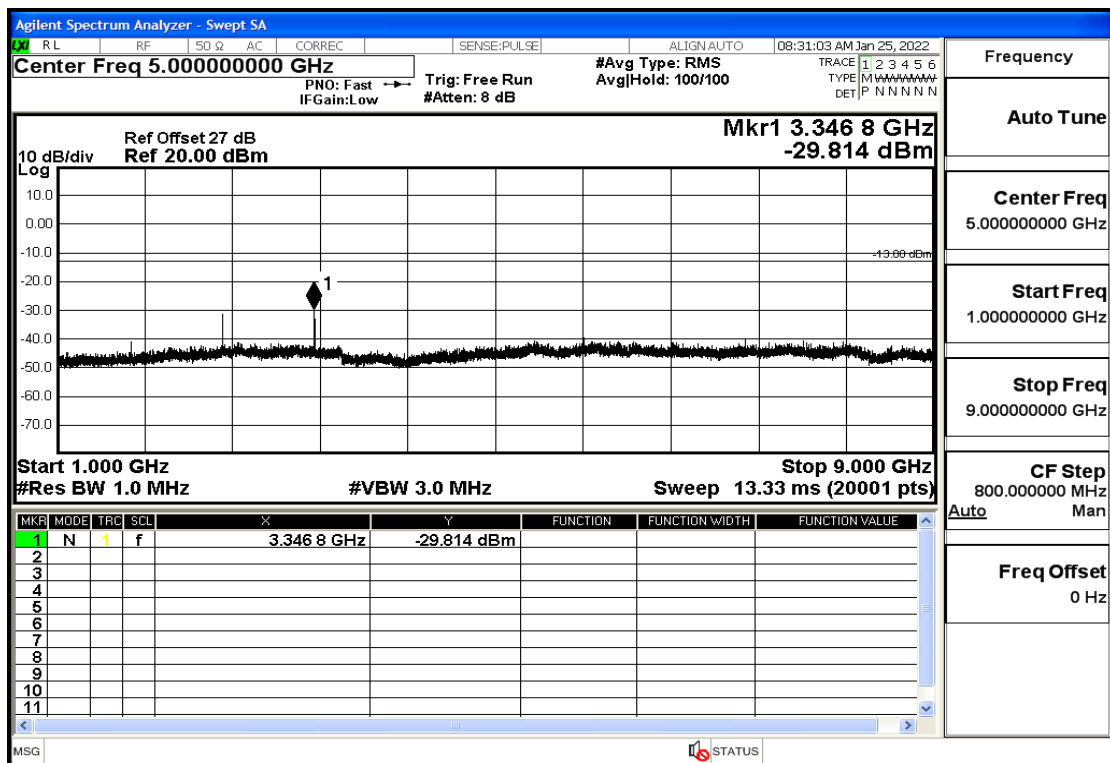
OB5-1.4-824.7-QPSK-6#LOW@1GHz-9GHz@Pass



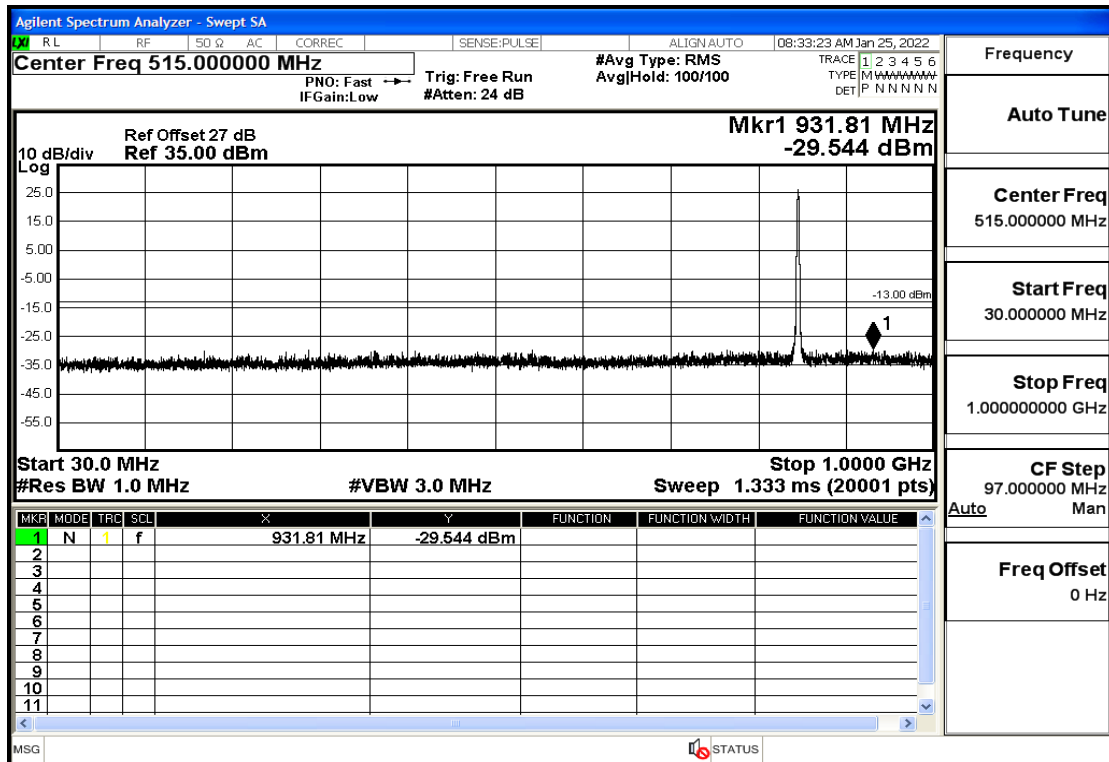
OB5-1.4-836.5-QPSK-6#LOW@30MHz-1GHz@Pass



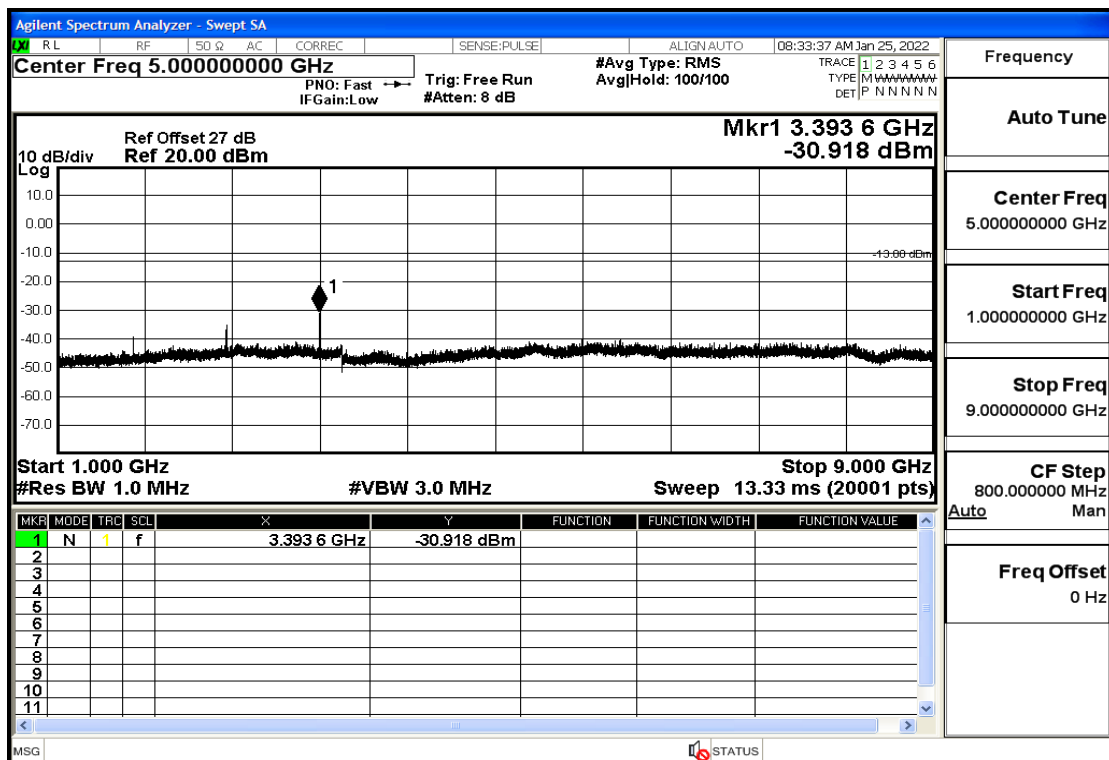
OB5-1.4-836.5-QPSK-6#LOW@1GHz-9GHz@Pass



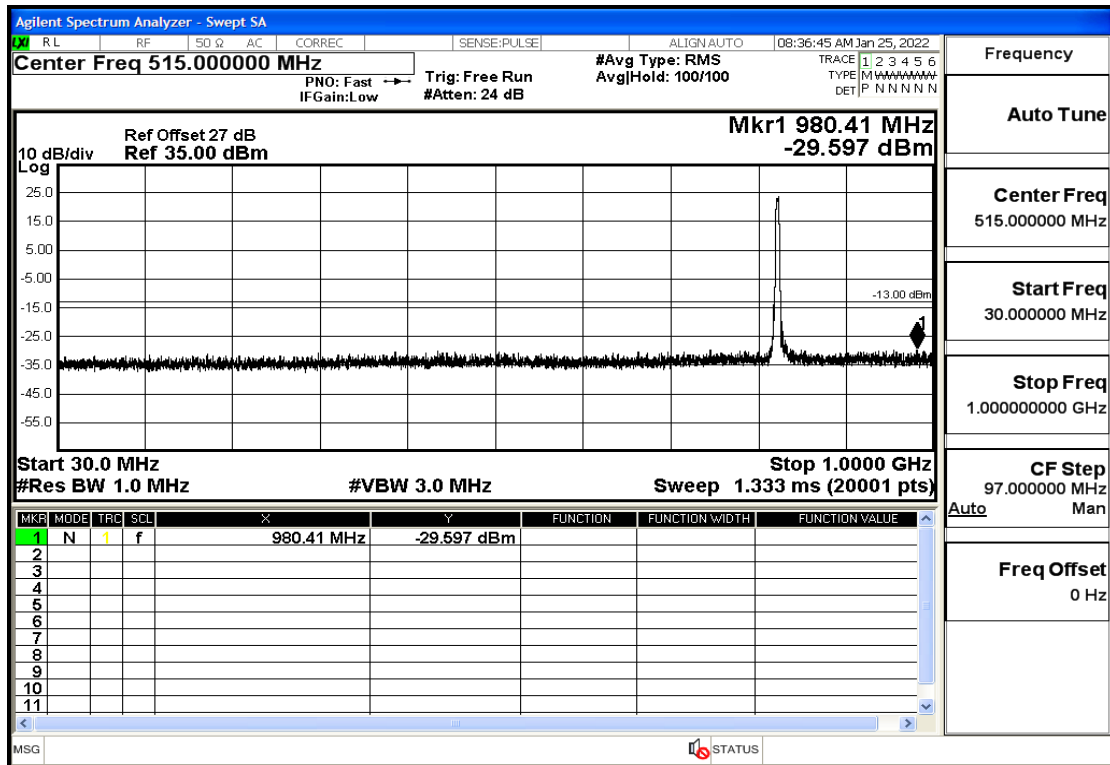
OB5-1.4-848.3-QPSK-6#LOW@30MHz-1GHz@Pass



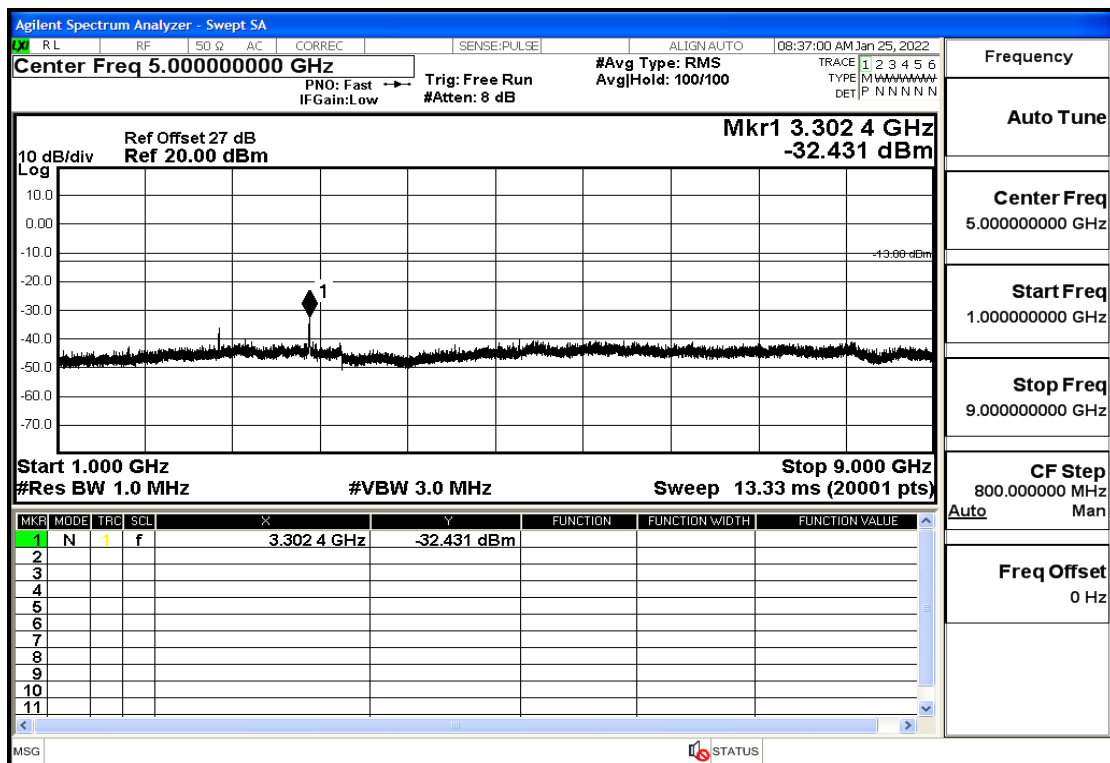
OB5-1.4-848.3-QPSK-6#LOW@1GHz-9GHz@Pass



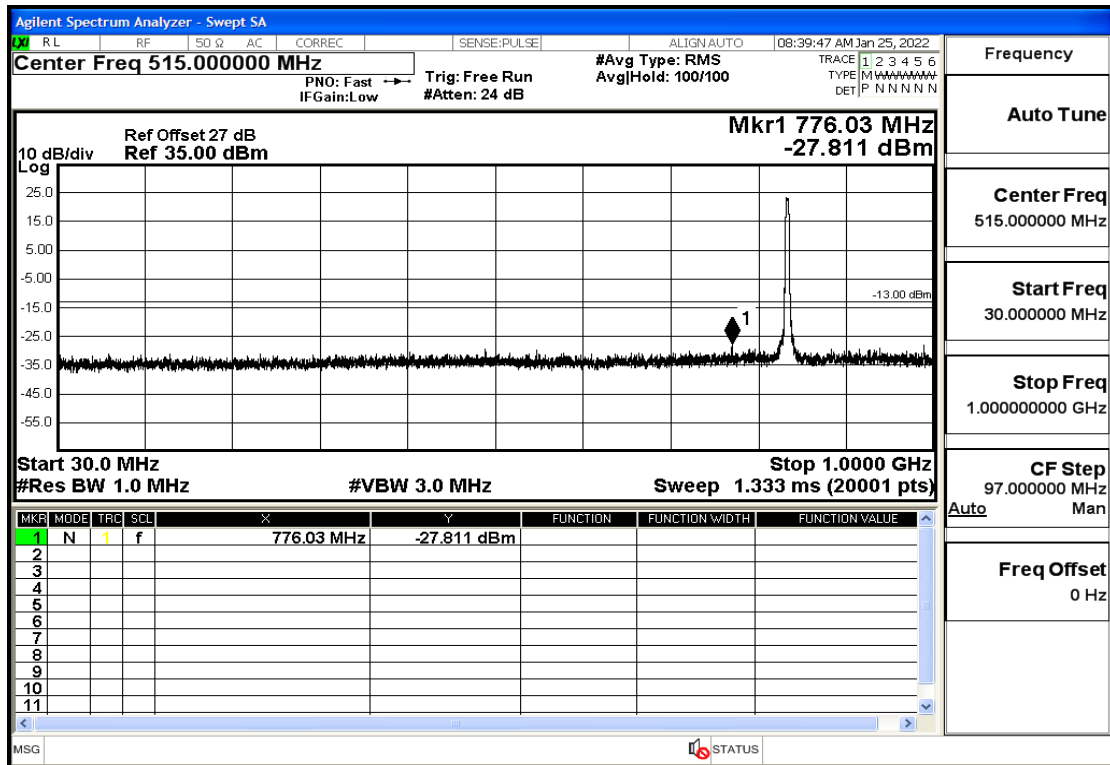
OB5-3-825.5-QPSK-15#LOW@30mHz-1GHz@Pass



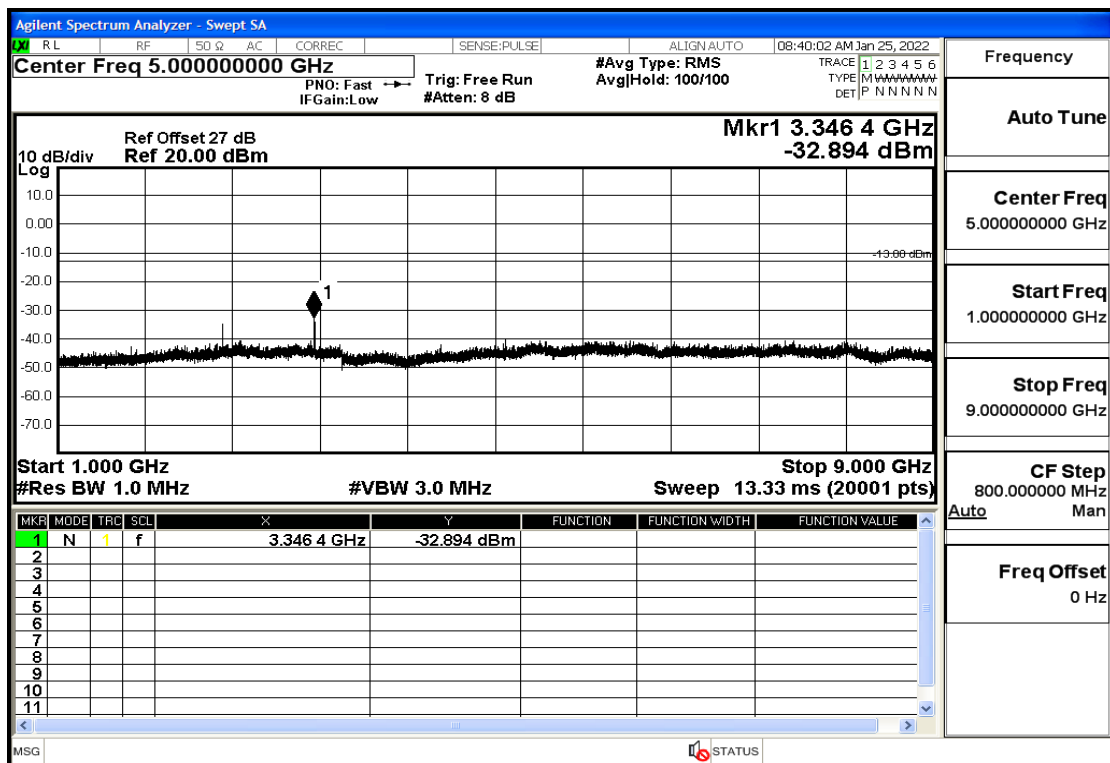
OB5-3-825.5-QPSK-15#LOW@1GHz-9GHz@Pass



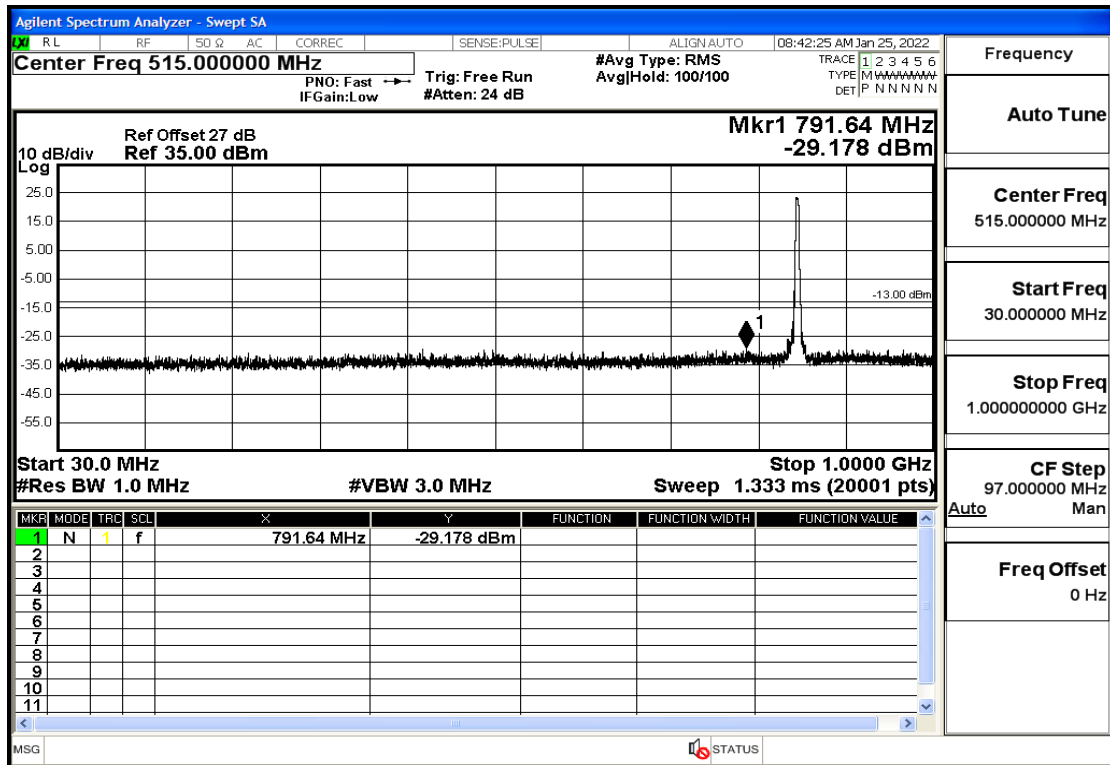
OB5-3-836.5-QPSK-15#LOW@30mHz-1GHz@Pass



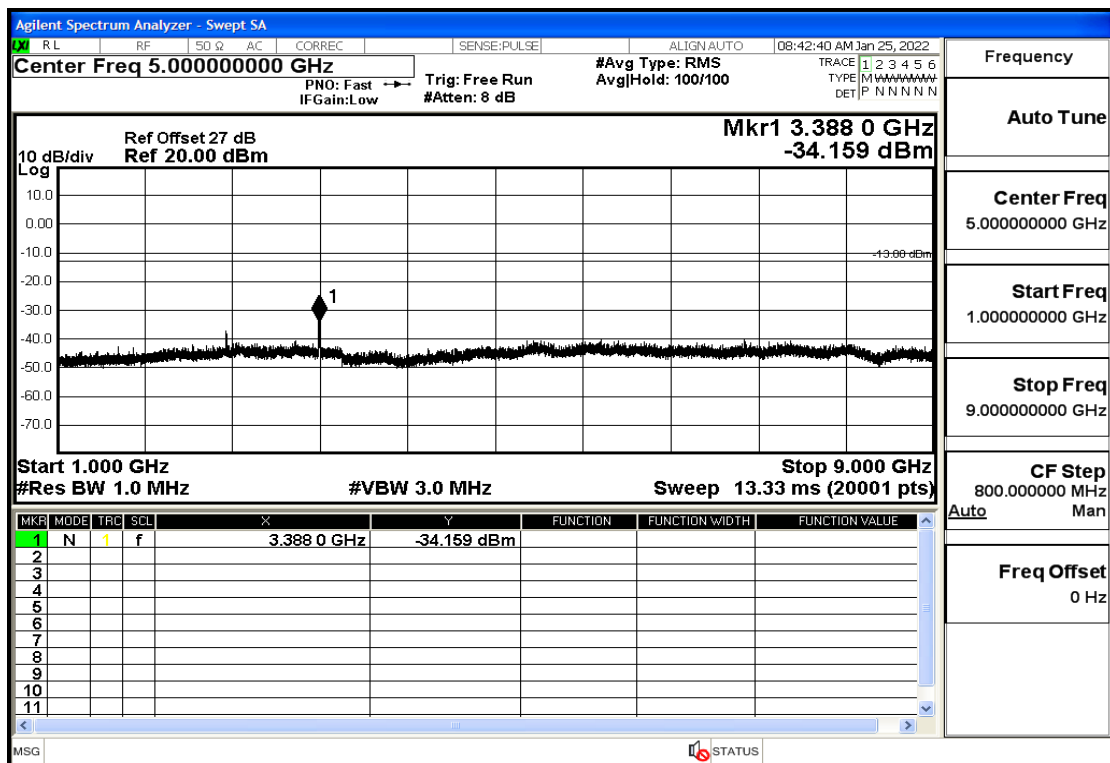
OB5-3-836.5-QPSK-15#LOW@1GHz-9GHz@Pass



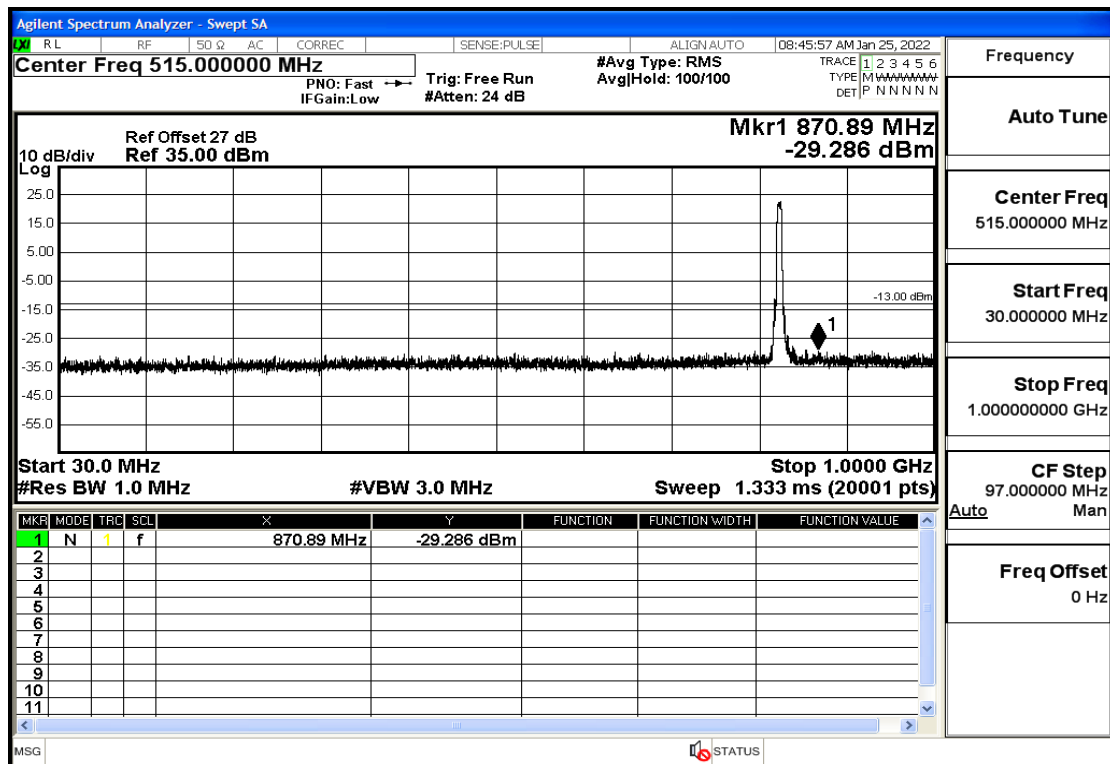
OB5-3-847.5-QPSK-15#LOW@30mHz-1GHz@Pass



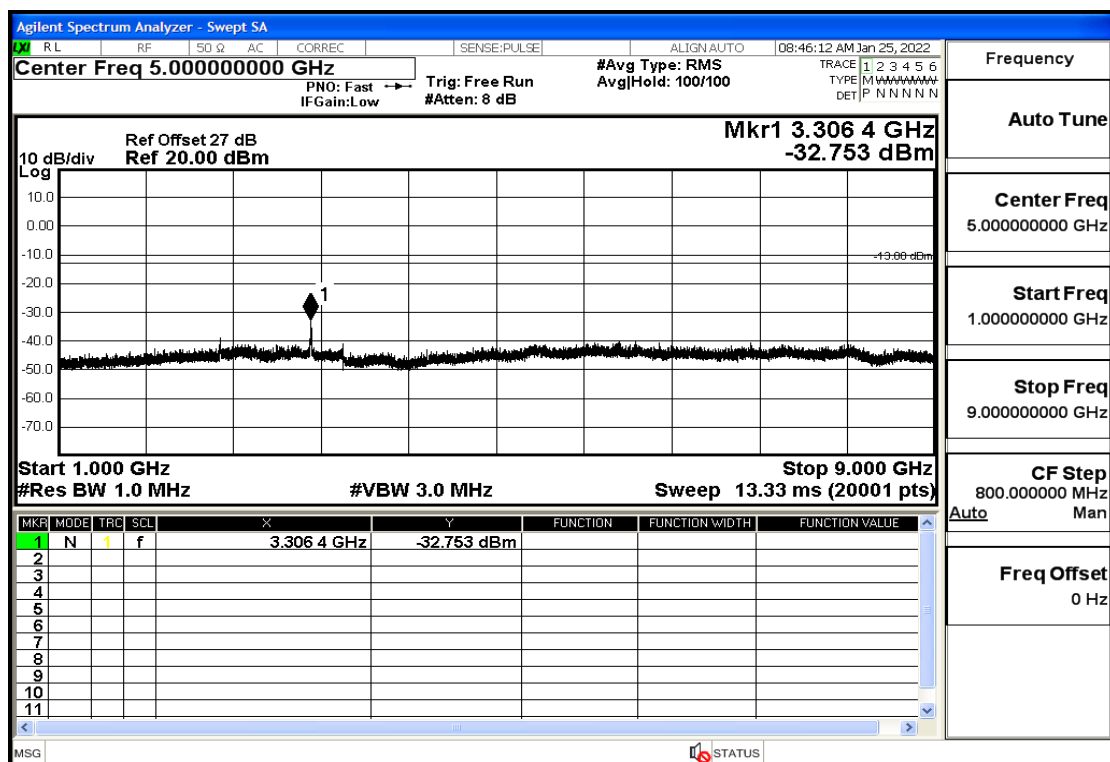
OB5-3-847.5-QPSK-15#LOW@1GHz-9GHz@Pass



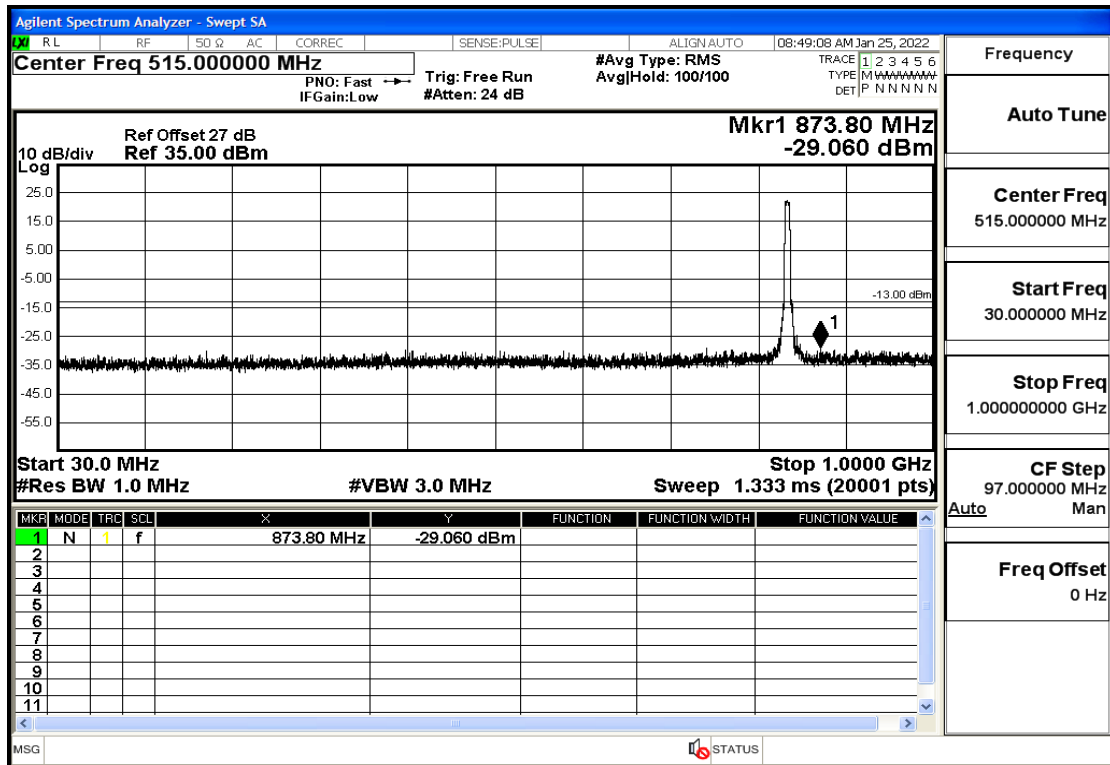
OB5-5-826.5-QPSK-25#LOW@30mHz-1GHz@Pass



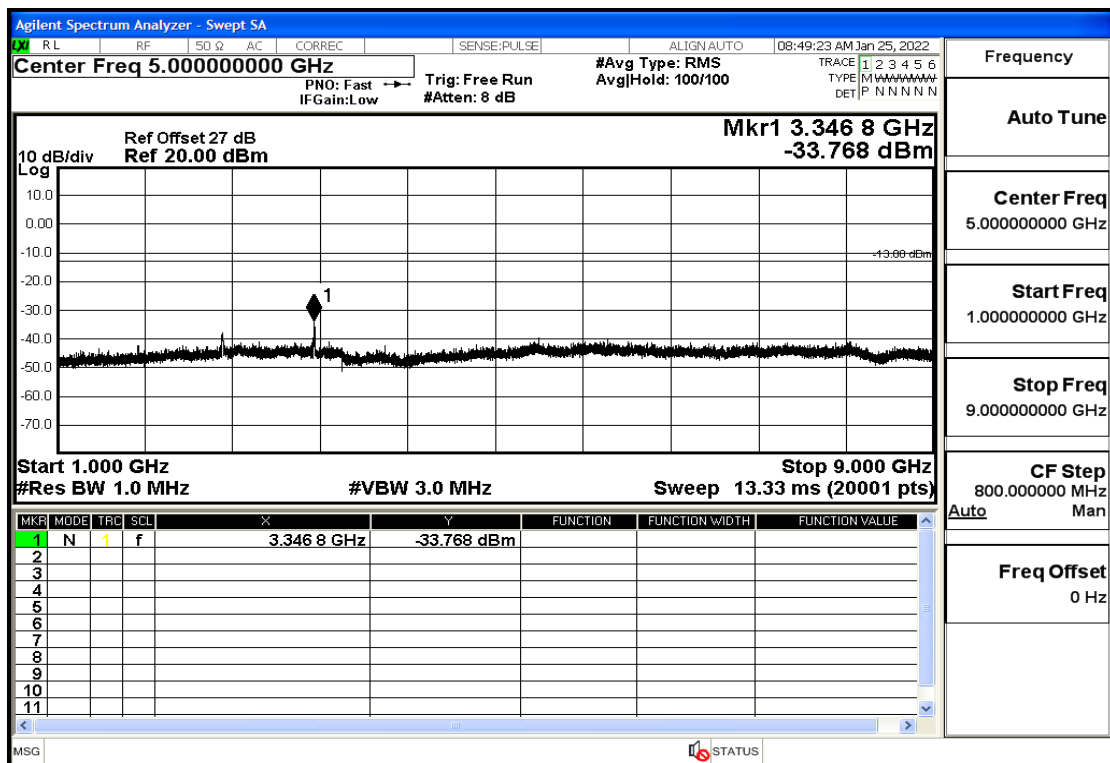
OB5-5-826.5-QPSK-25#LOW@1GHz-9GHz@Pass



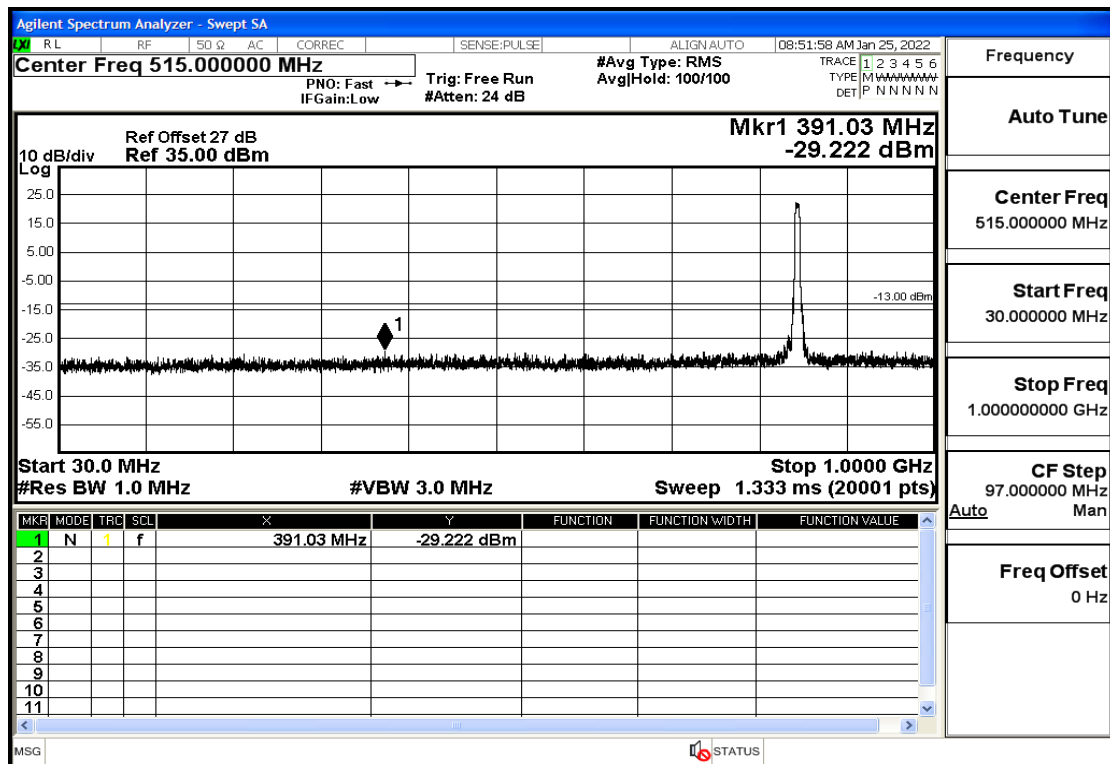
OB5-5-836.5-QPSK-25#LOW@30mHz-1GHz@Pass



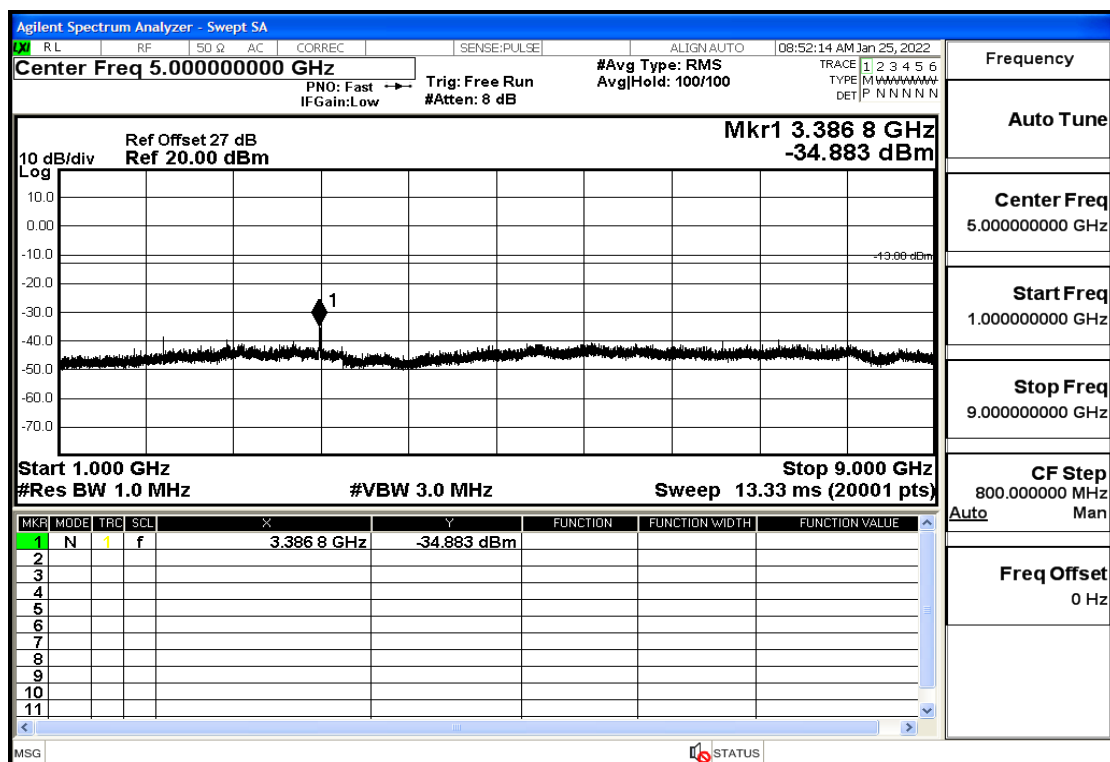
OB5-5-836.5-QPSK-25#LOW@1GHz-9GHz@Pass



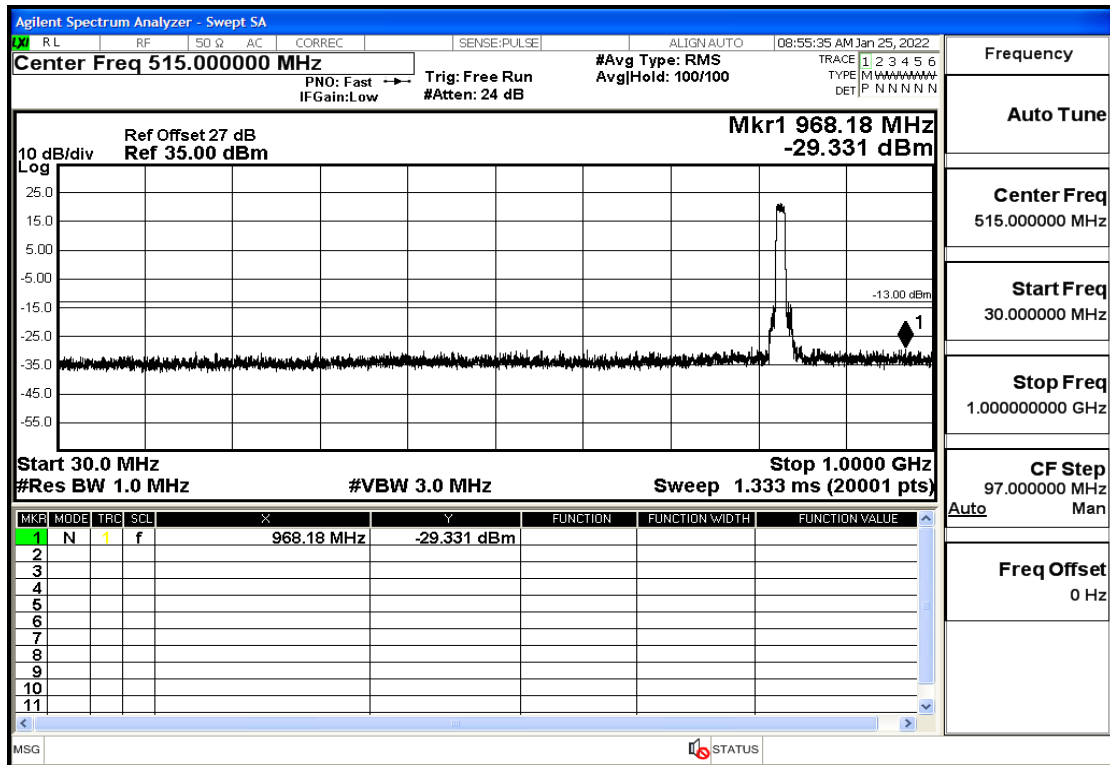
OB5-5-846.5-QPSK-25#LOW@30mHz-1GHz@Pass



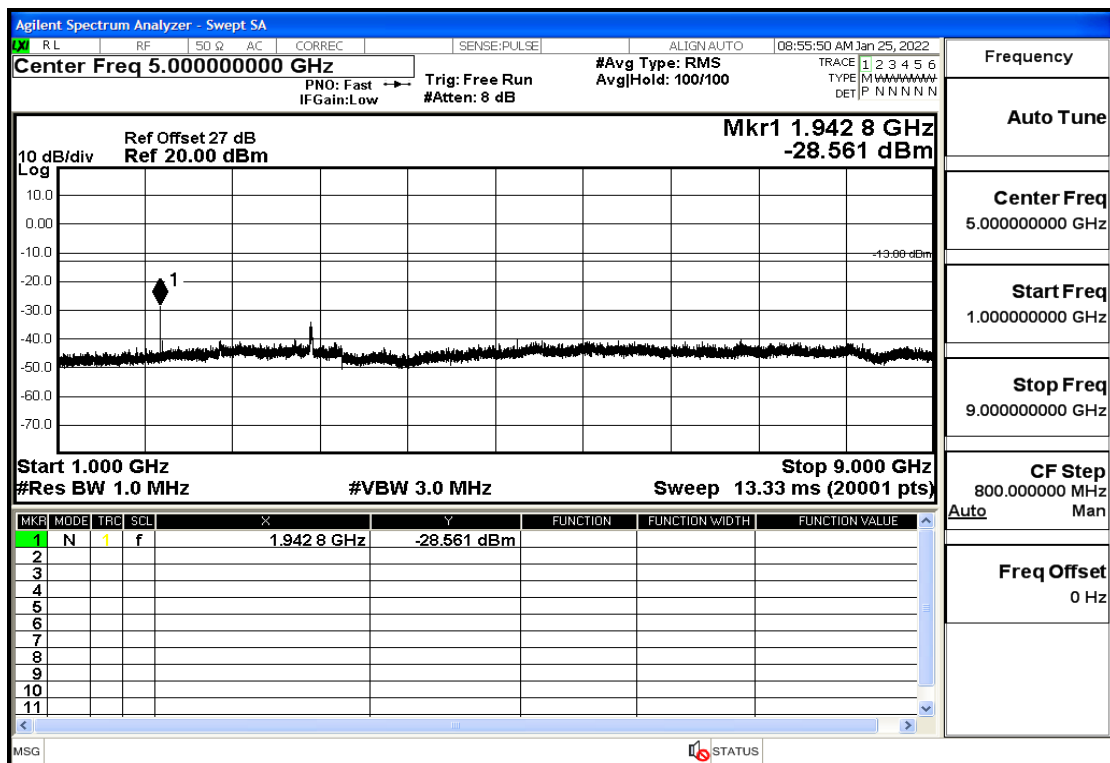
OB5-5-846.5-QPSK-25#LOW@1GHz-9GHz@Pass



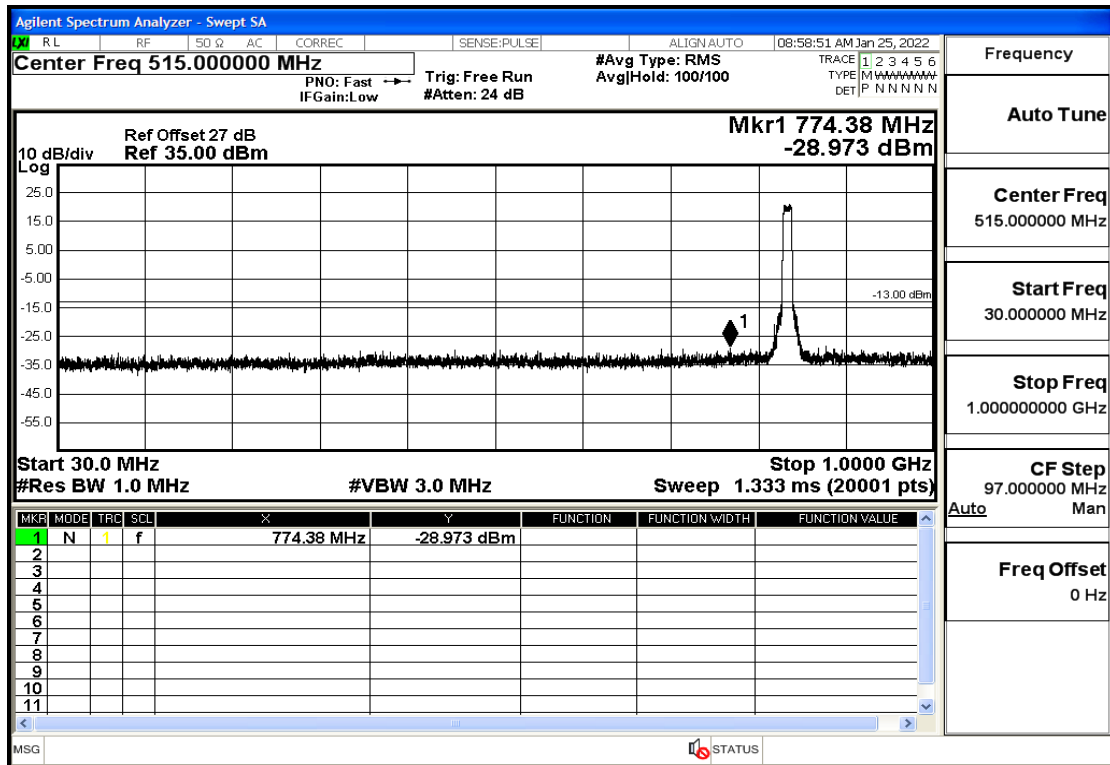
OB5-10-829-QPSK-50#LOW@30mHz-1GHz@Pass



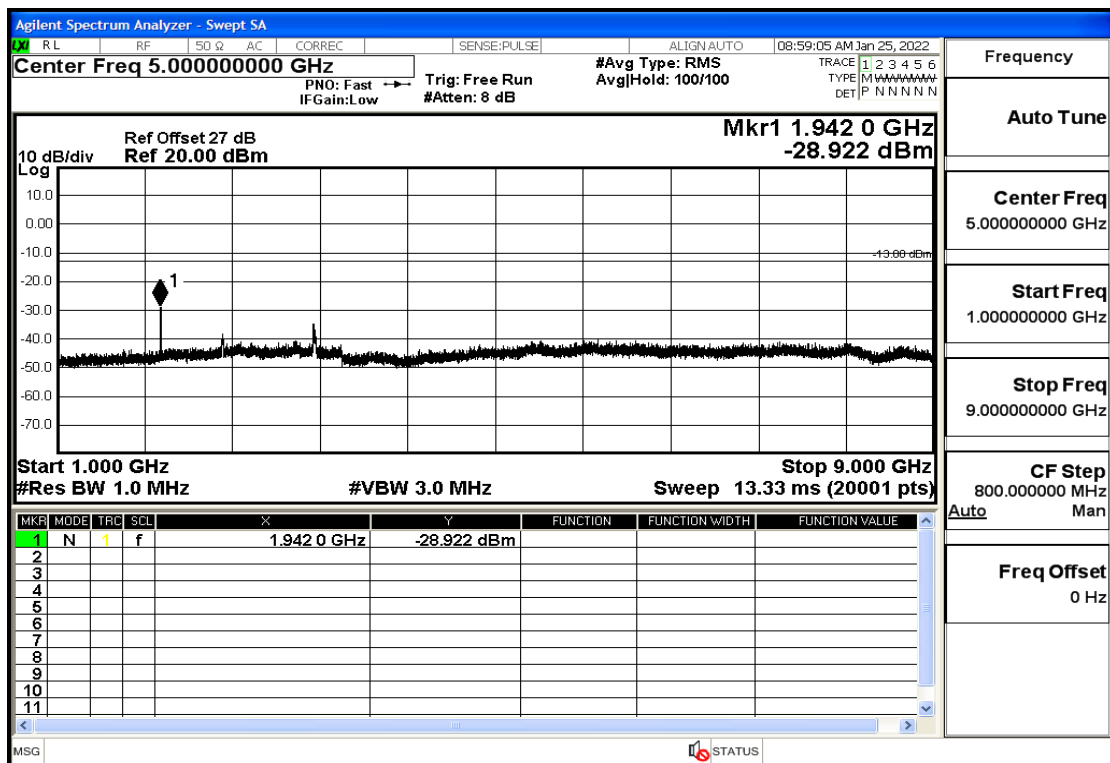
OB5-10-829-QPSK-50#LOW@1GHz-9GHz@Pass



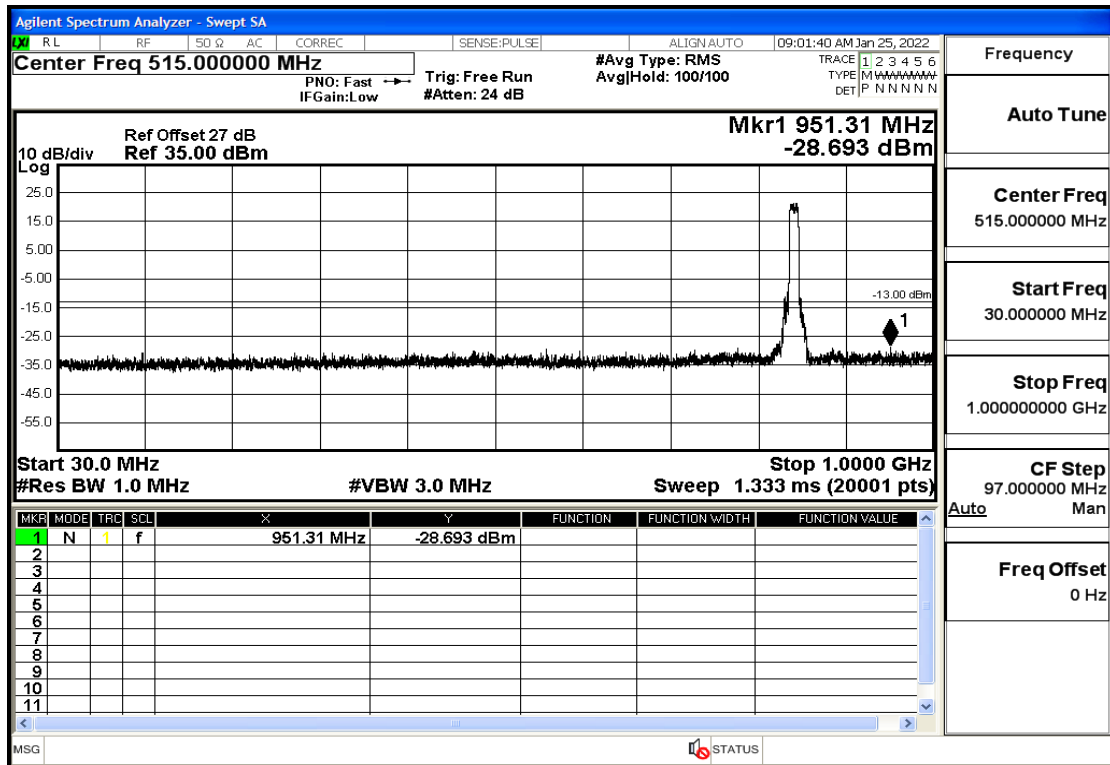
OB5-10-836.5-QPSK-50#LOW@30MHz-1GHz@Pass



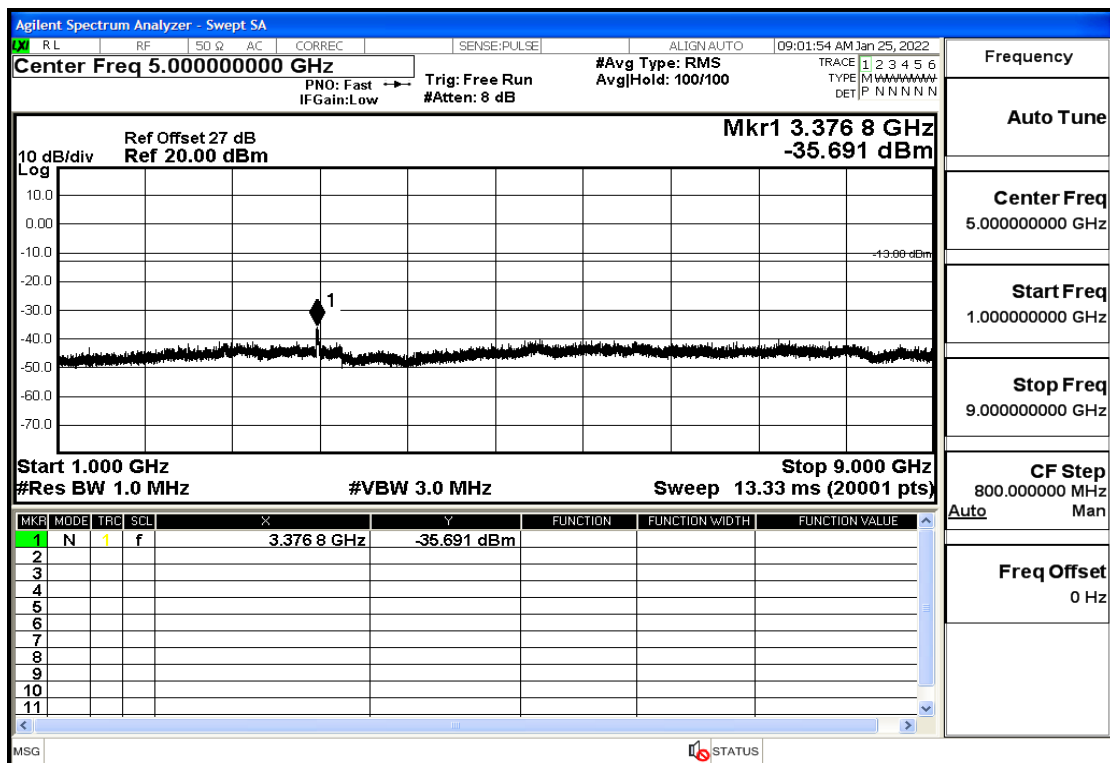
OB5-10-836.5-QPSK-50#LOW@1GHz-9GHz@Pass



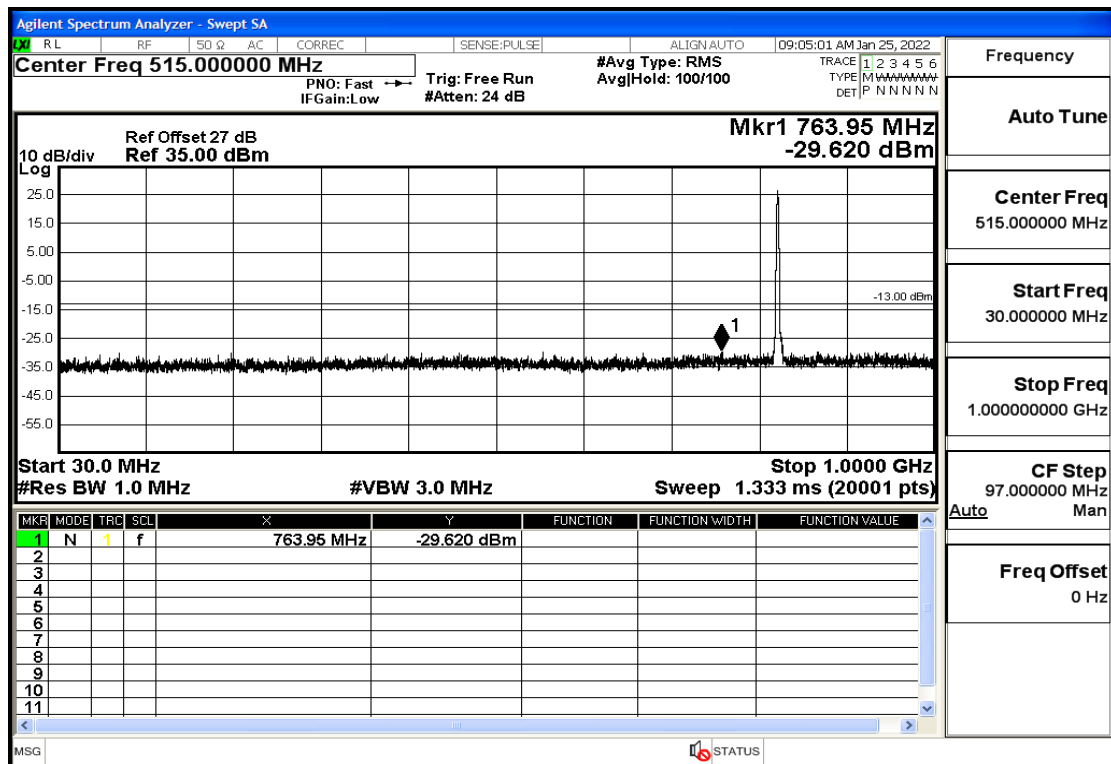
OB5-10-844-QPSK-50#LOW@30mHz-1GHz@Pass



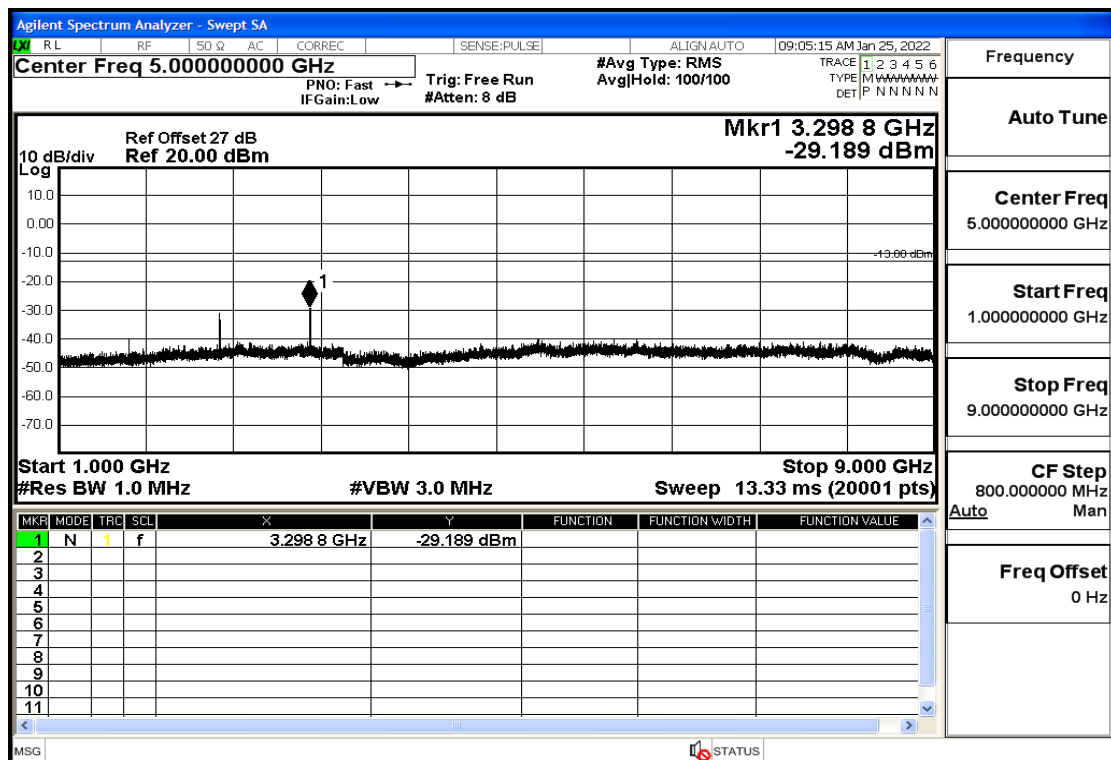
OB5-10-844-QPSK-50#LOW@1GHz-9GHz@Pass



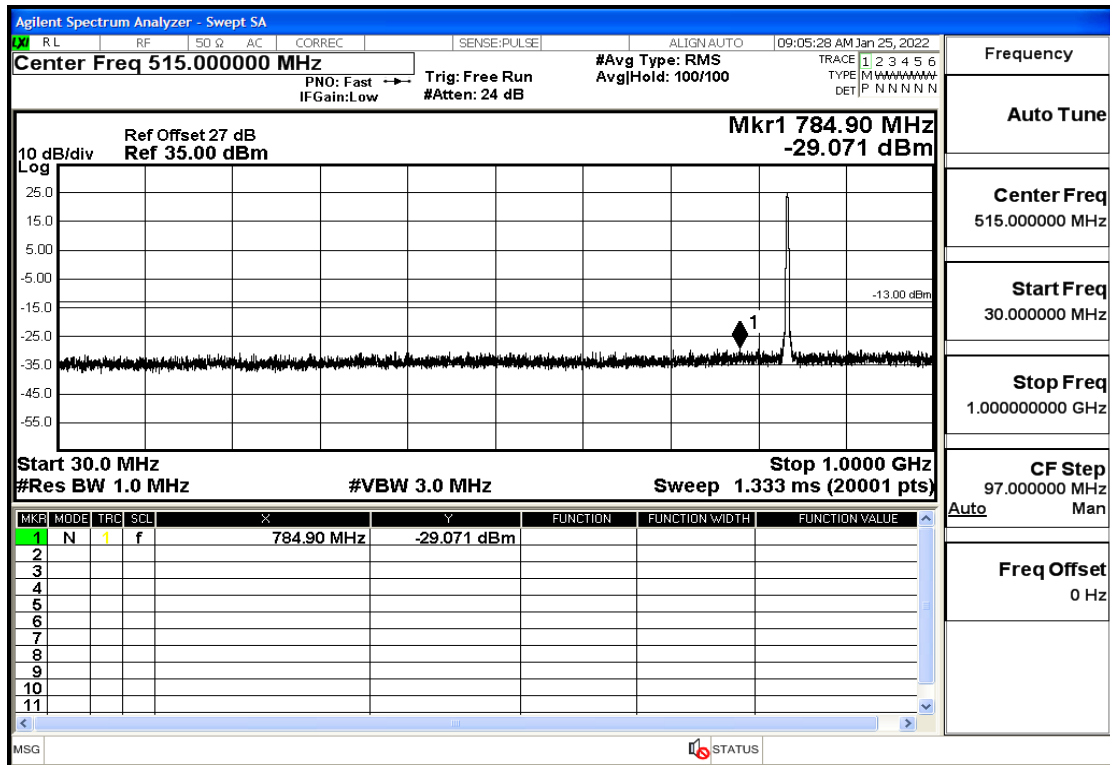
OB5-1.4-824.7-Q16-6#LOW@30mHz-1GHz@Pass



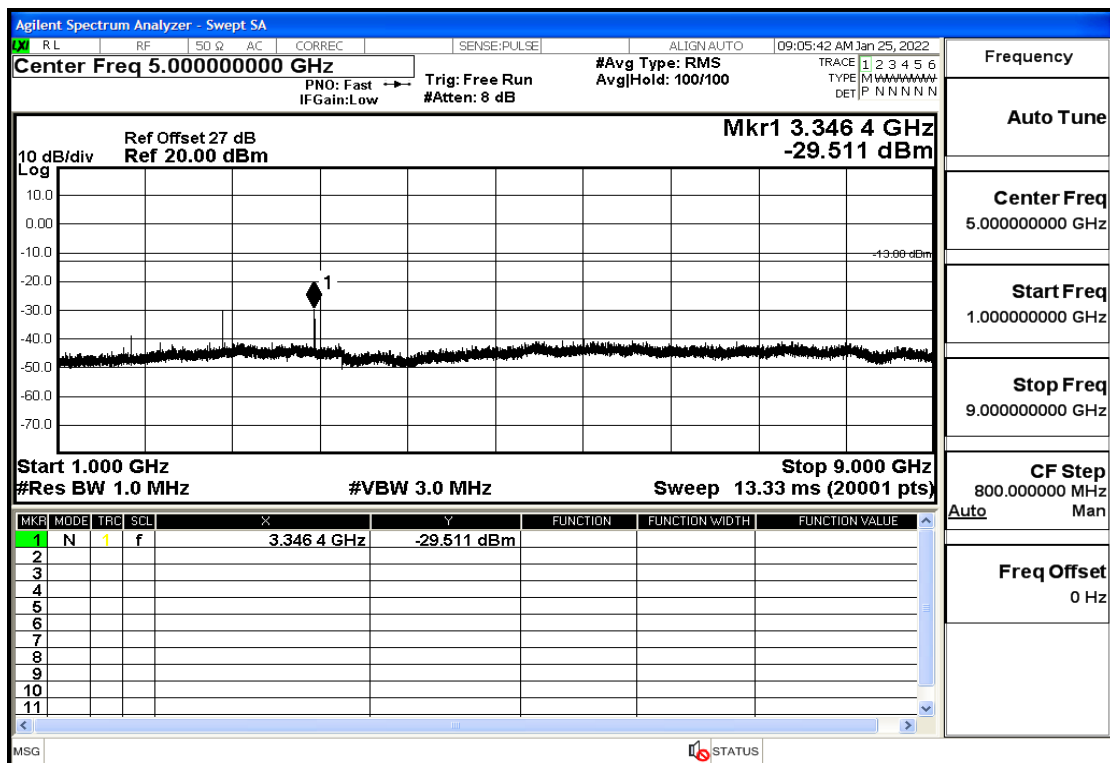
OB5-1.4-824.7-Q16-6#LOW@1GHz-9GHz@Pass



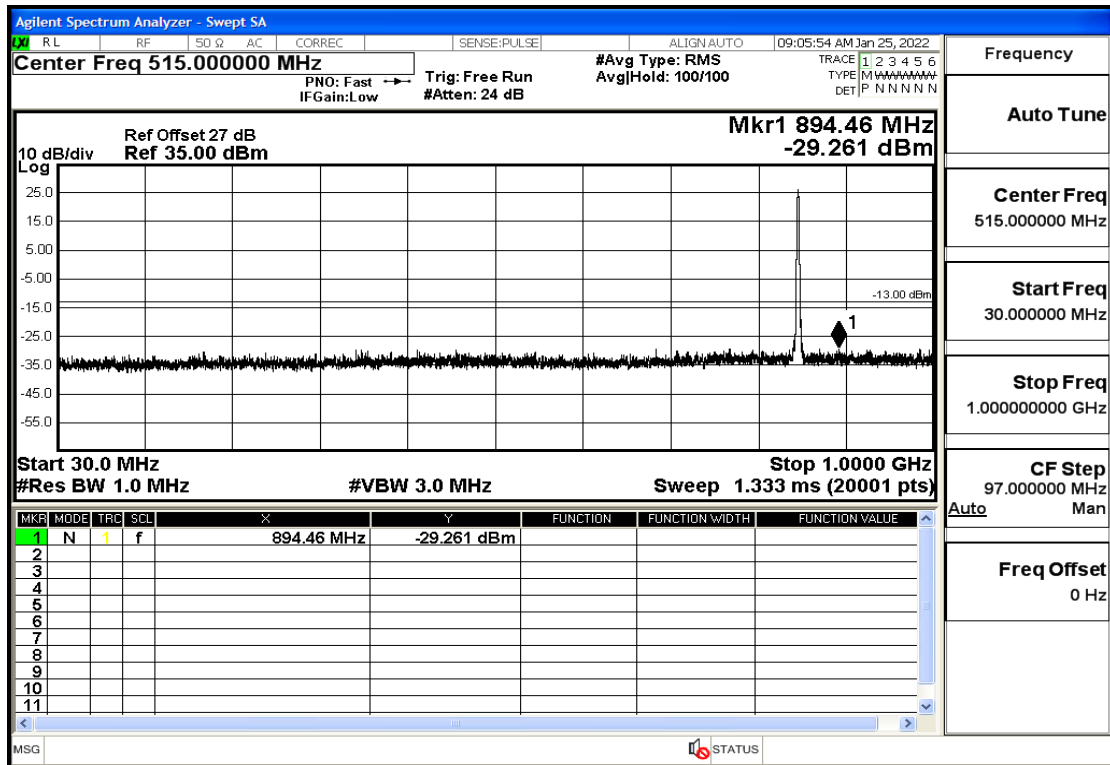
OB5-1.4-836.5-Q16-6#LOW@30mHz-1GHz@Pass



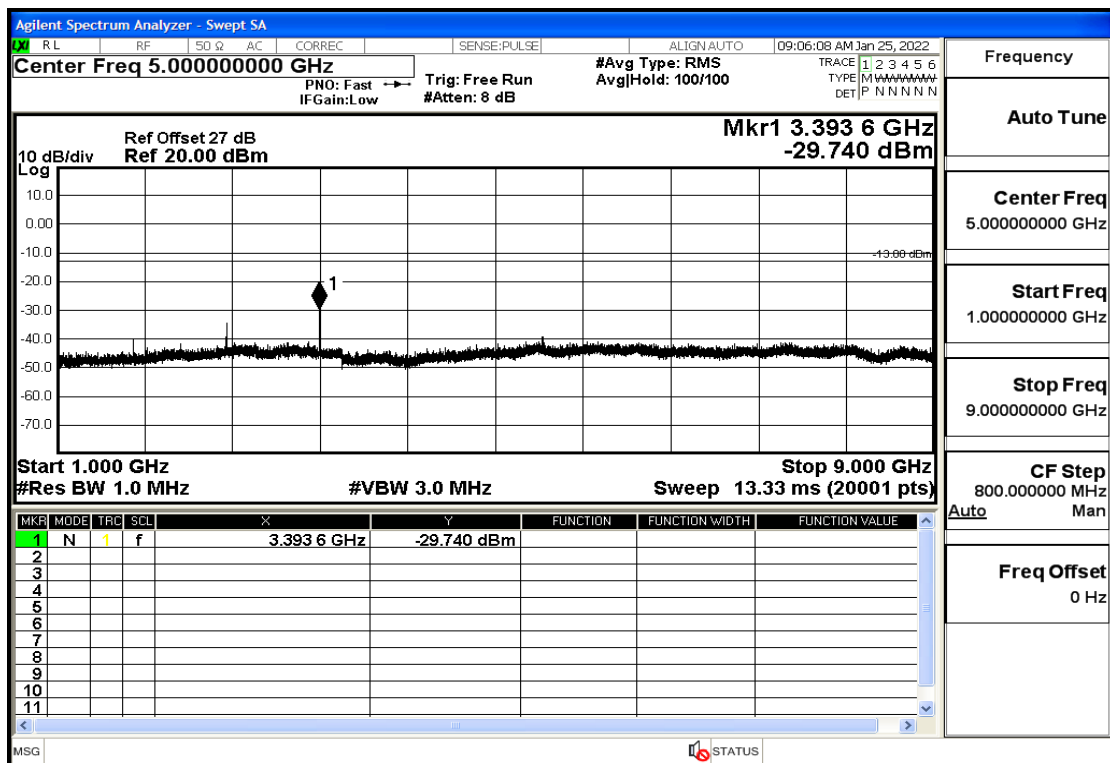
OB5-1.4-836.5-Q16-6#LOW@1GHz-9GHz@Pass



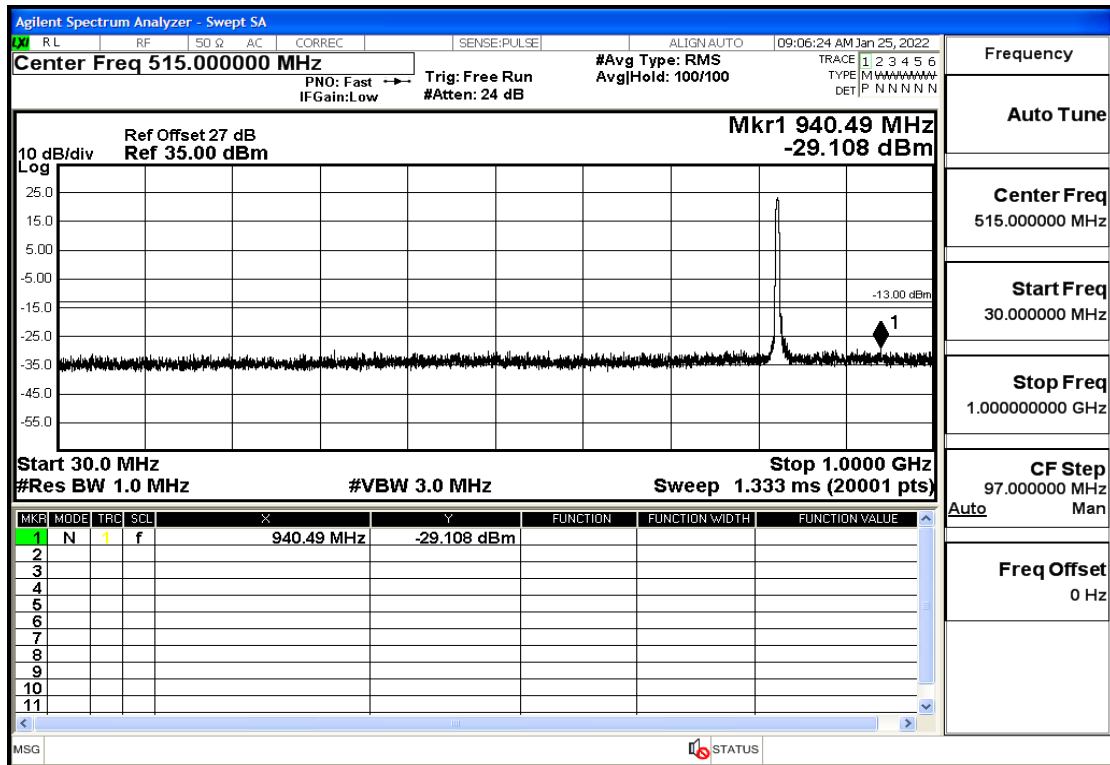
OB5-1.4-848.3-Q16-6#LOW@30mHz-1GHz@Pass



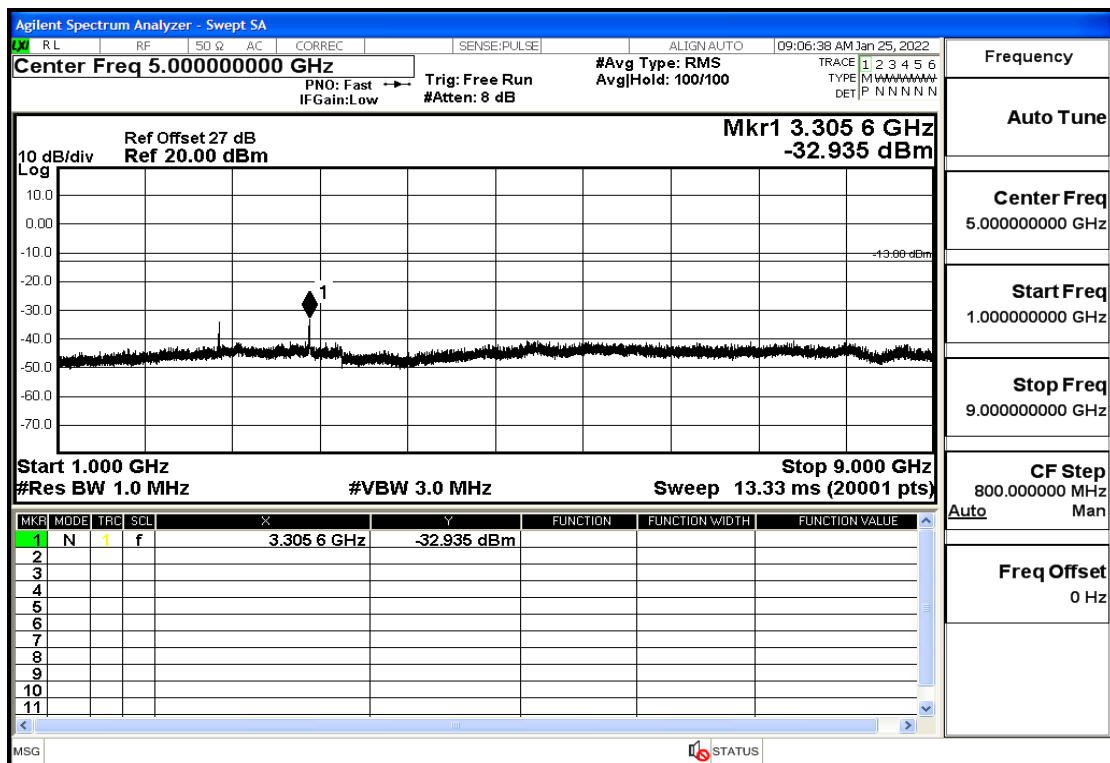
OB5-1.4-848.3-Q16-6#LOW@1GHz-9GHz@Pass



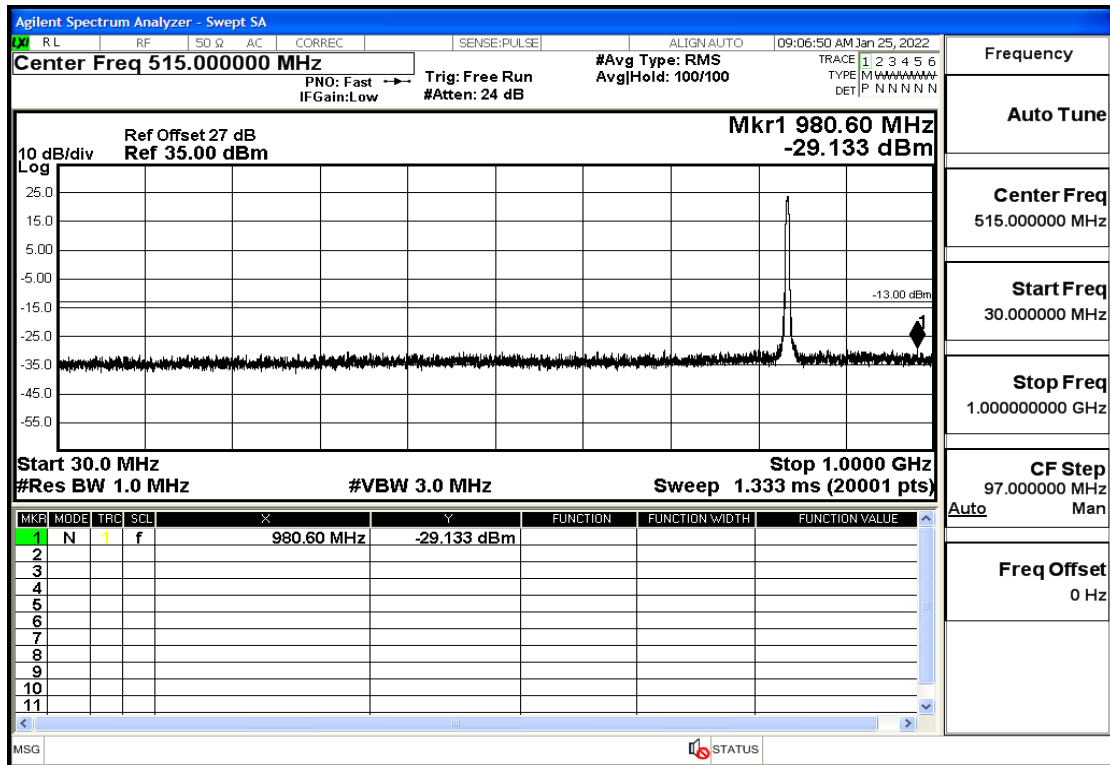
OB5-3-825.5-Q16-15#LOW@30mHz-1GHz@Pass



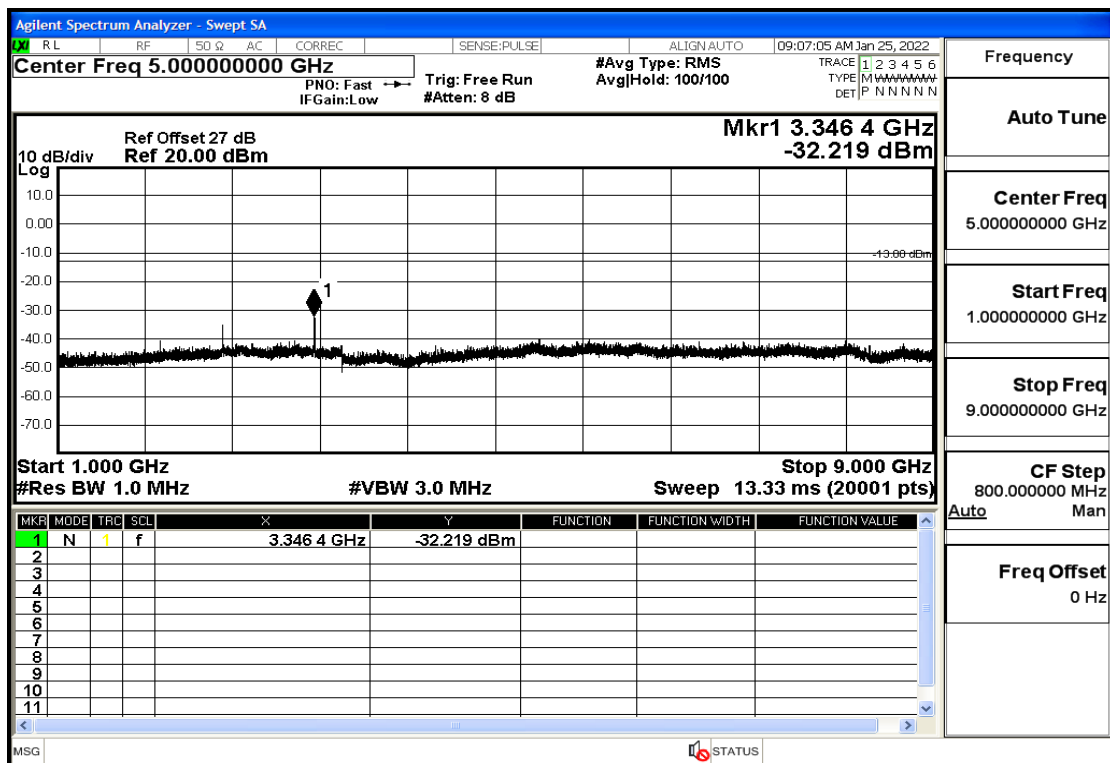
OB5-3-825.5-Q16-15#LOW@1GHz-9GHz@Pass



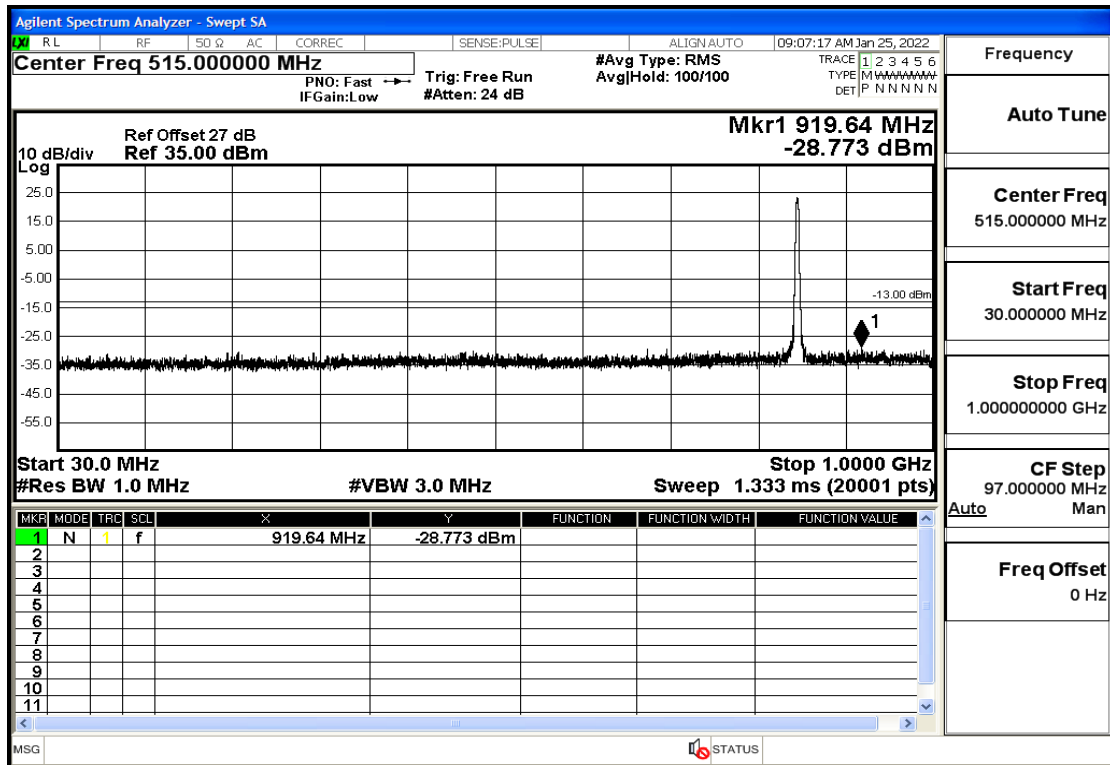
OB5-3-836.5-Q16-15#LOW@30mHz-1GHz@Pass



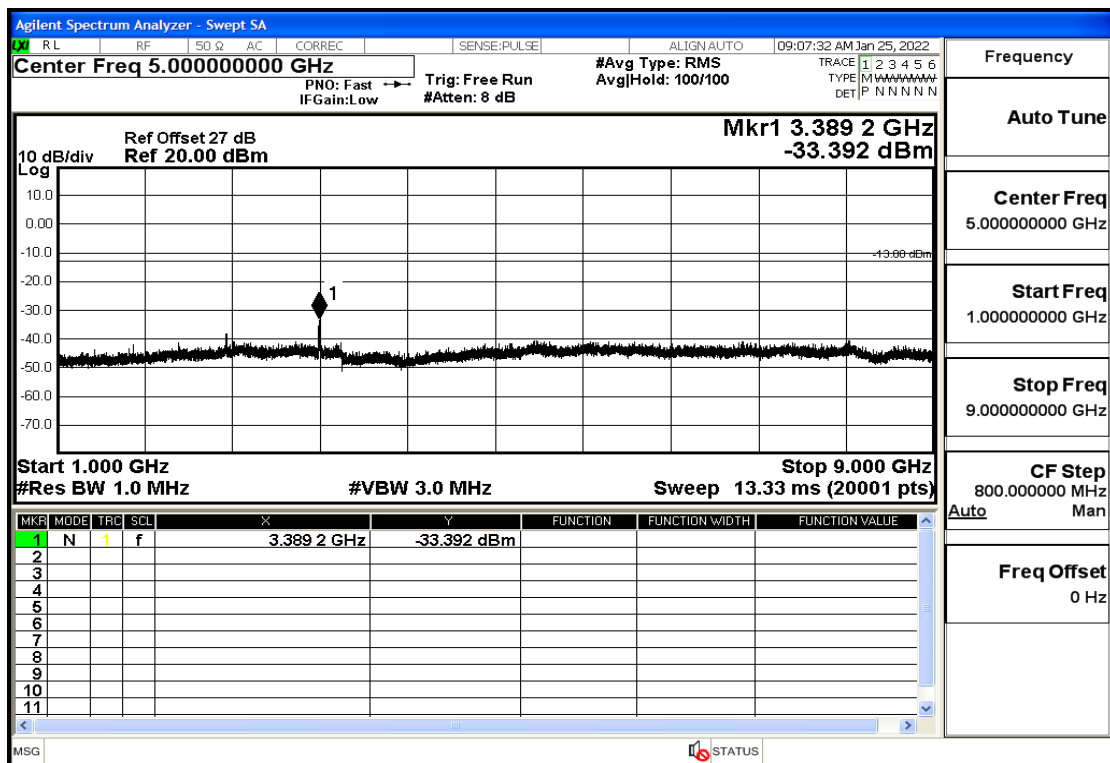
OB5-3-836.5-Q16-15#LOW@1GHz-9GHz@Pass



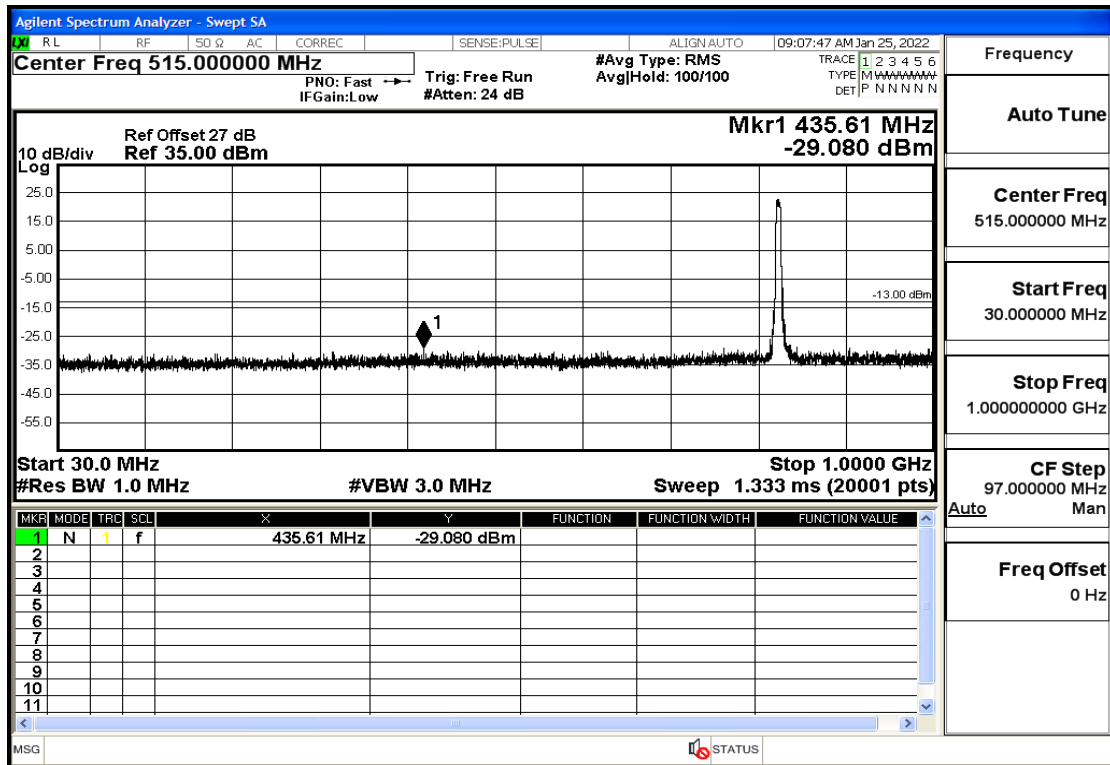
OB5-3-847.5-Q16-15#LOW@30mHz-1GHz@Pass



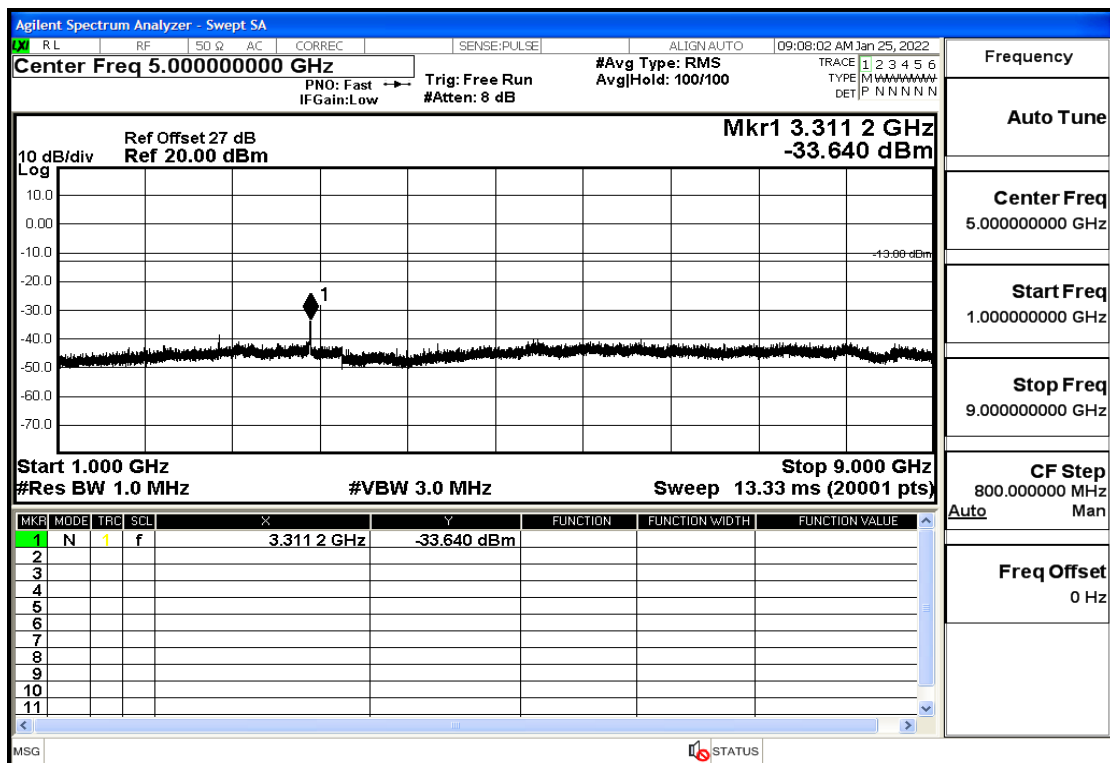
OB5-3-847.5-Q16-15#LOW@1GHz-9GHz@Pass



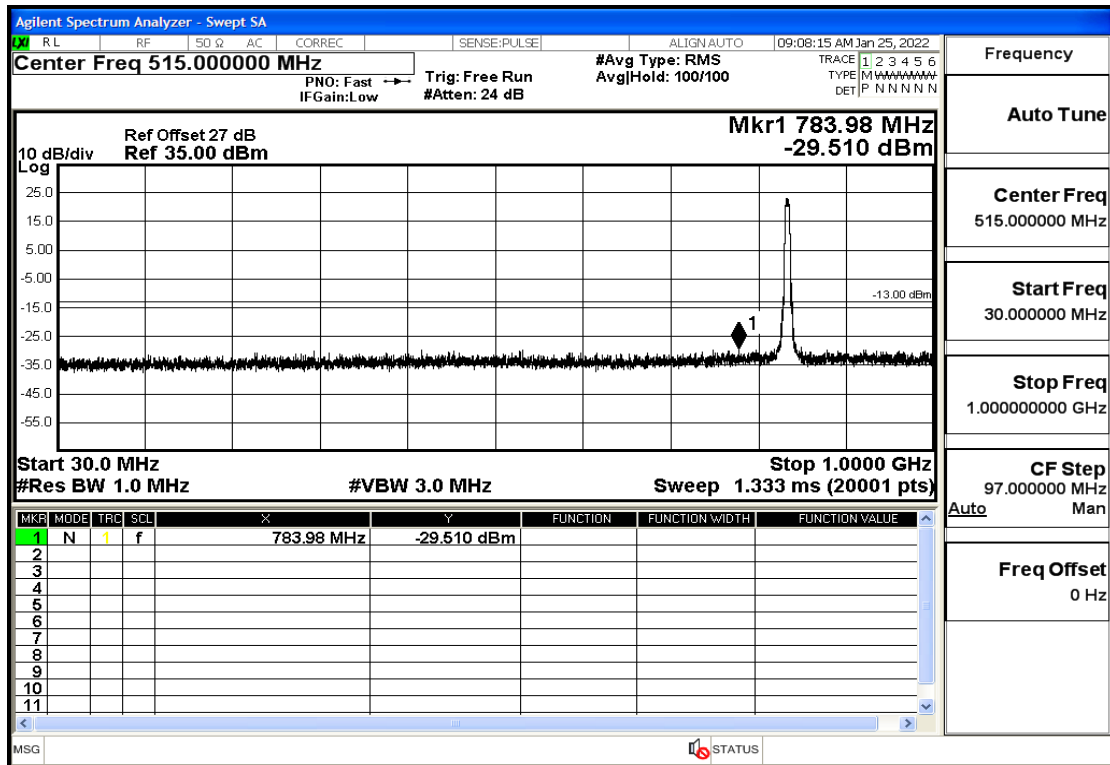
OB5-5-826.5-Q16-25#LOW@30mHz-1GHz@Pass



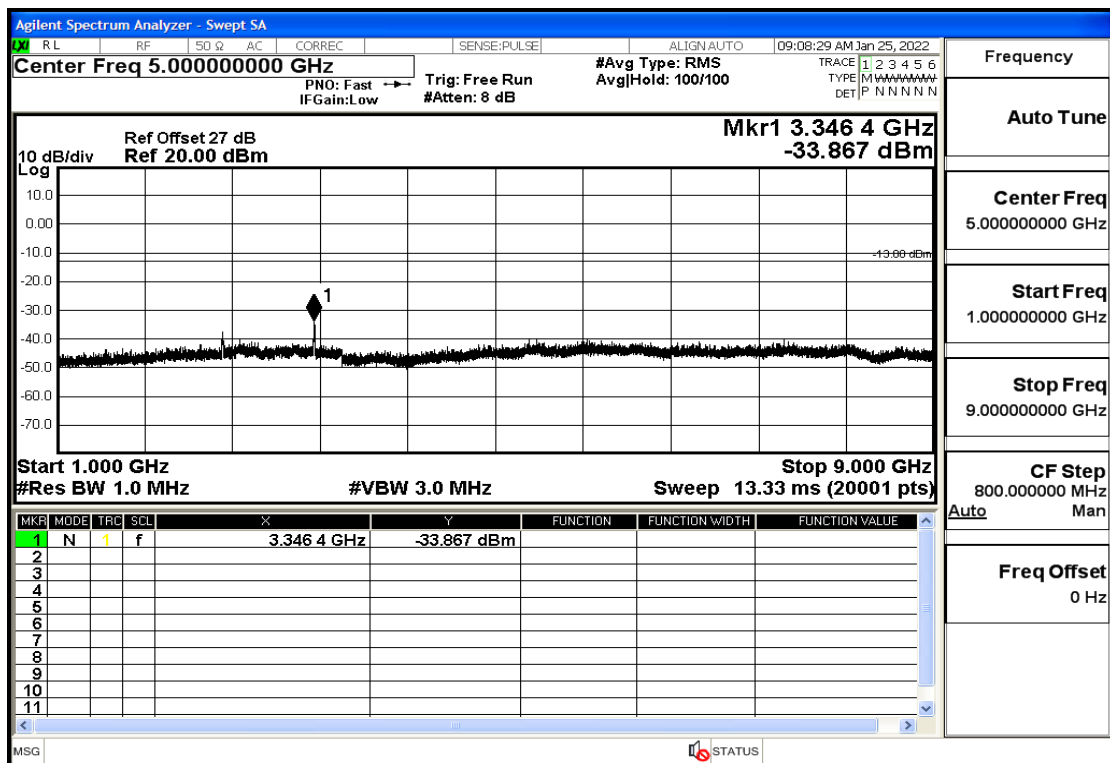
OB5-5-826.5-Q16-25#LOW@1GHz-9GHz@Pass



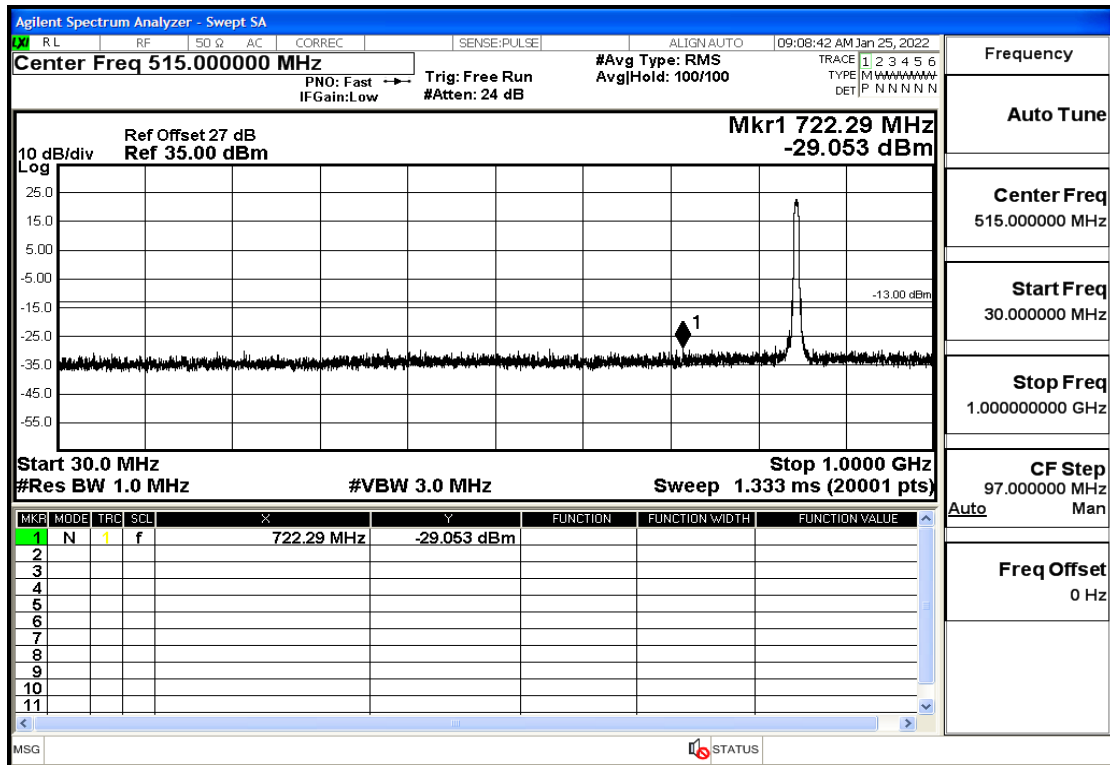
OB5-5-836.5-Q16-25#LOW@30mHz-1GHz@Pass



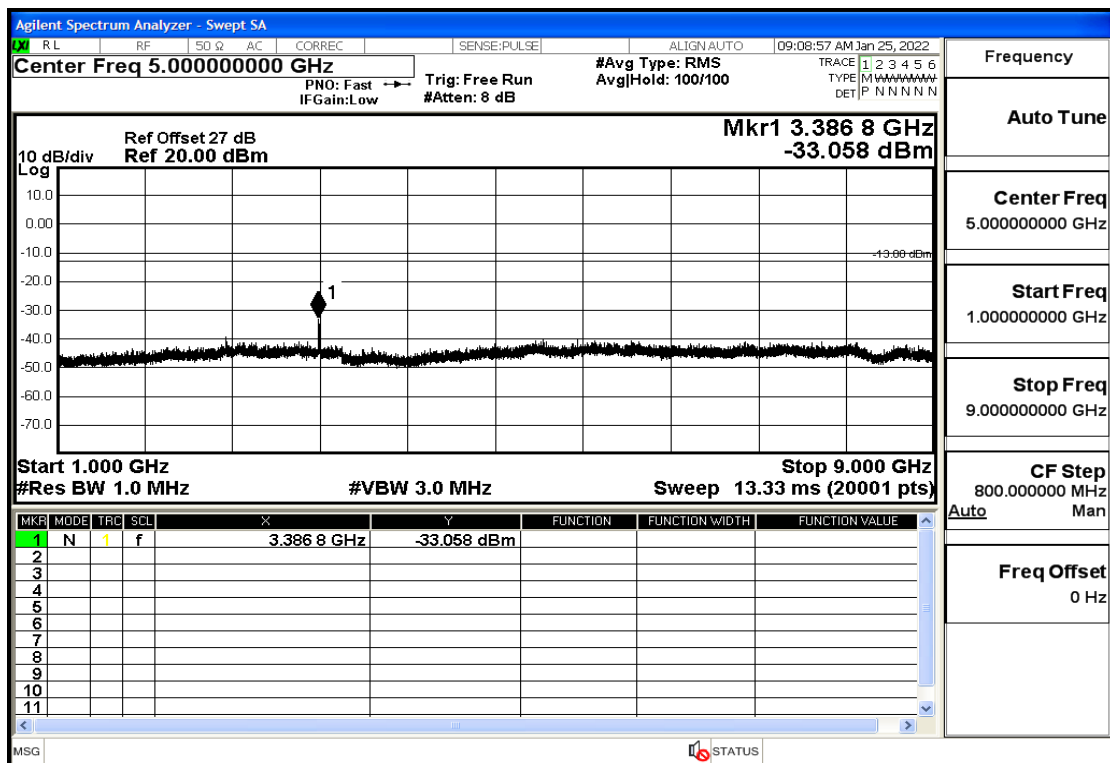
OB5-5-836.5-Q16-25#LOW@1GHz-9GHz@Pass



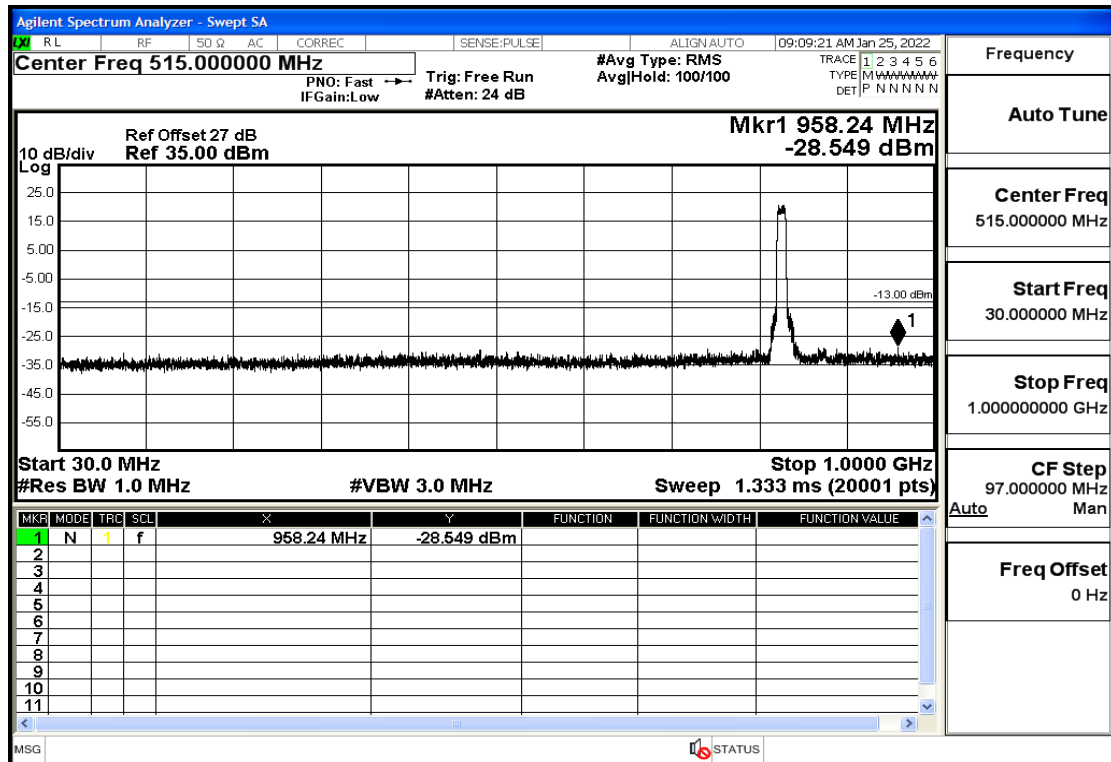
OB5-5-846.5-Q16-25#LOW@30mHz-1GHz@Pass



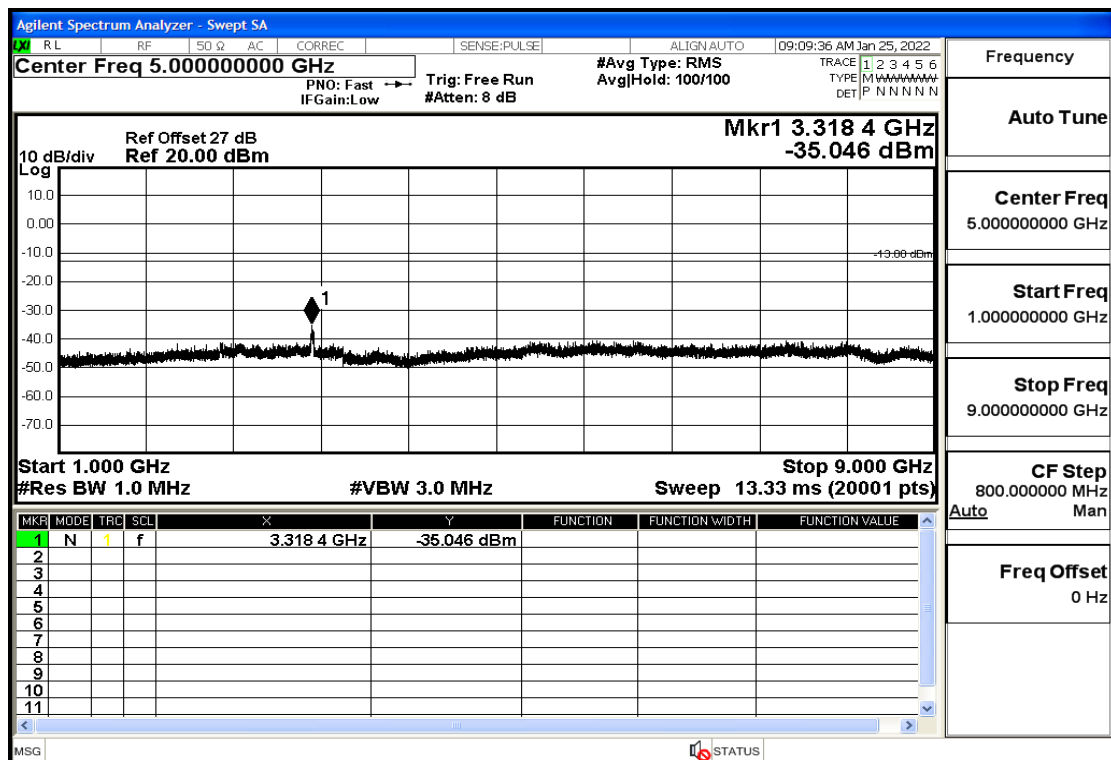
OB5-5-846.5-Q16-25#LOW@1GHz-9GHz@Pass



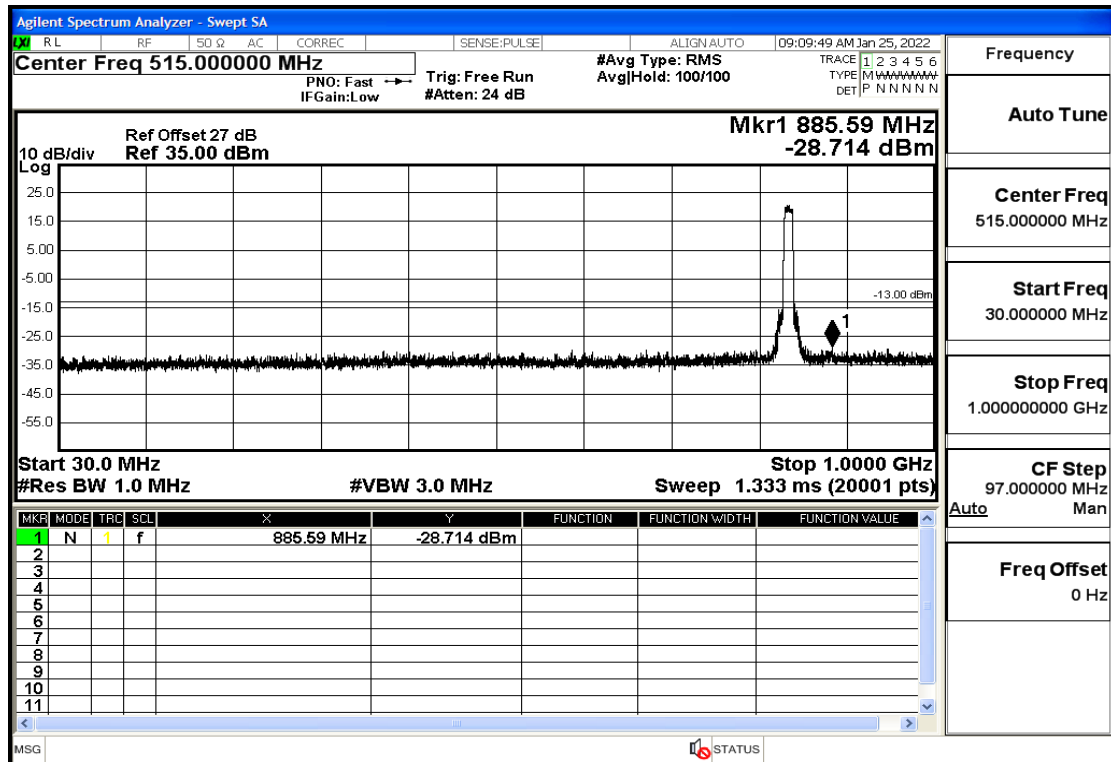
OB5-10-829-Q16-50#LOW@30mHz-1GHz@Pass



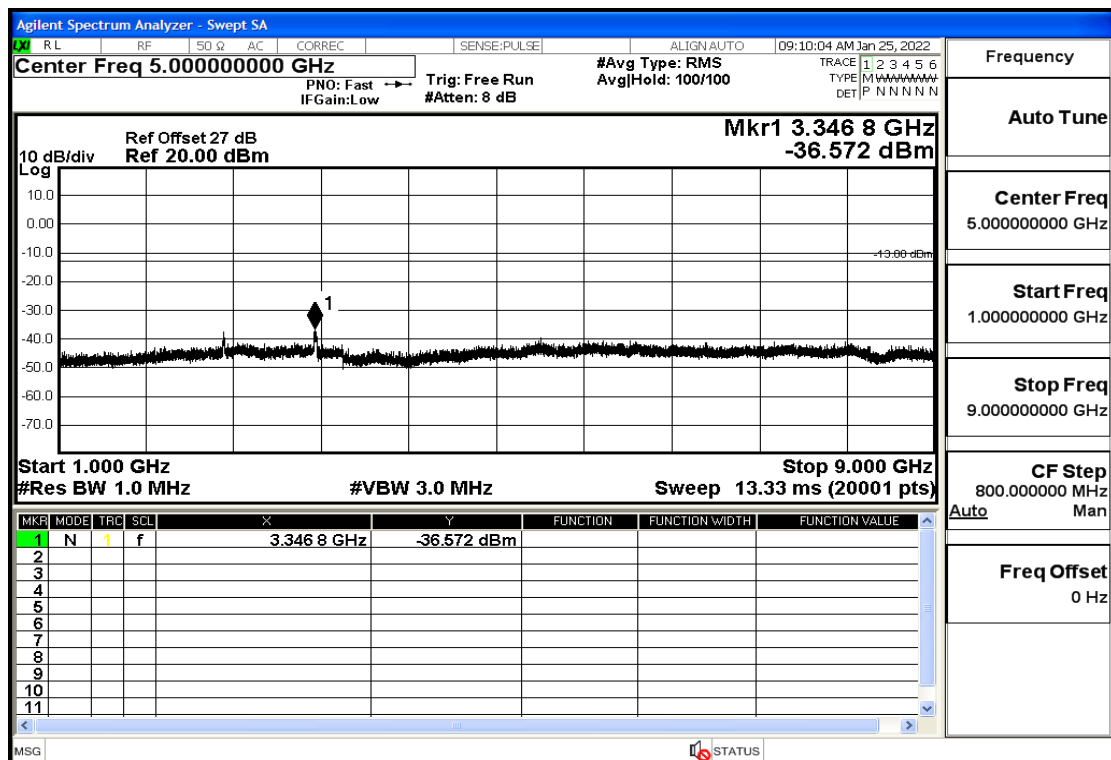
OB5-10-829-Q16-50#LOW@1GHz-9GHz@Pass



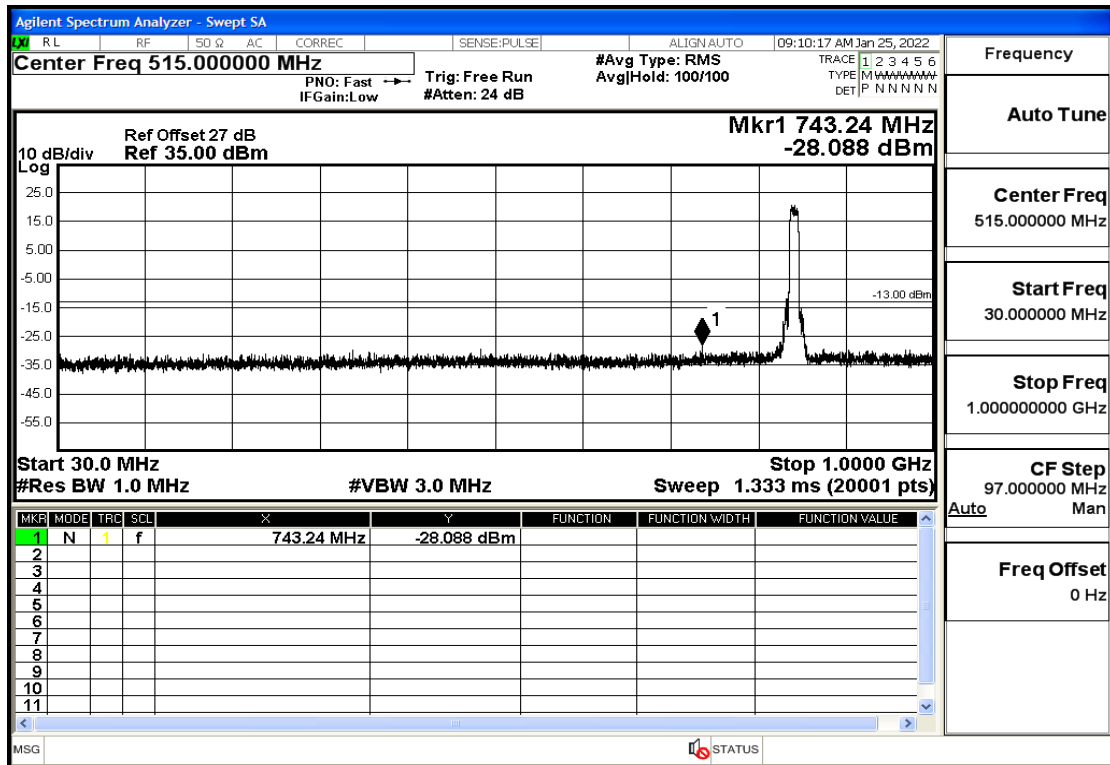
OB5-10-836.5-Q16-50#LOW@30mHz-1GHz@Pass



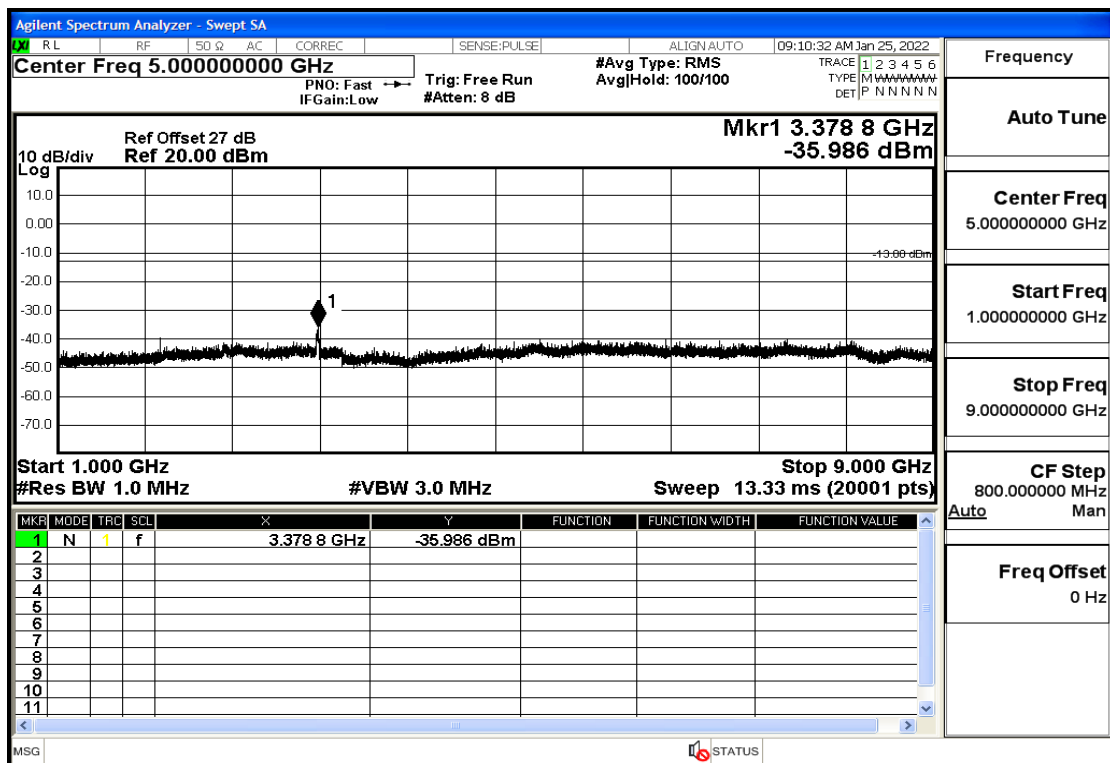
OB5-10-836.5-Q16-50#LOW@1GHz-9GHz@Pass



OB5-10-844-Q16-50#LOW@30mHz-1GHz@Pass



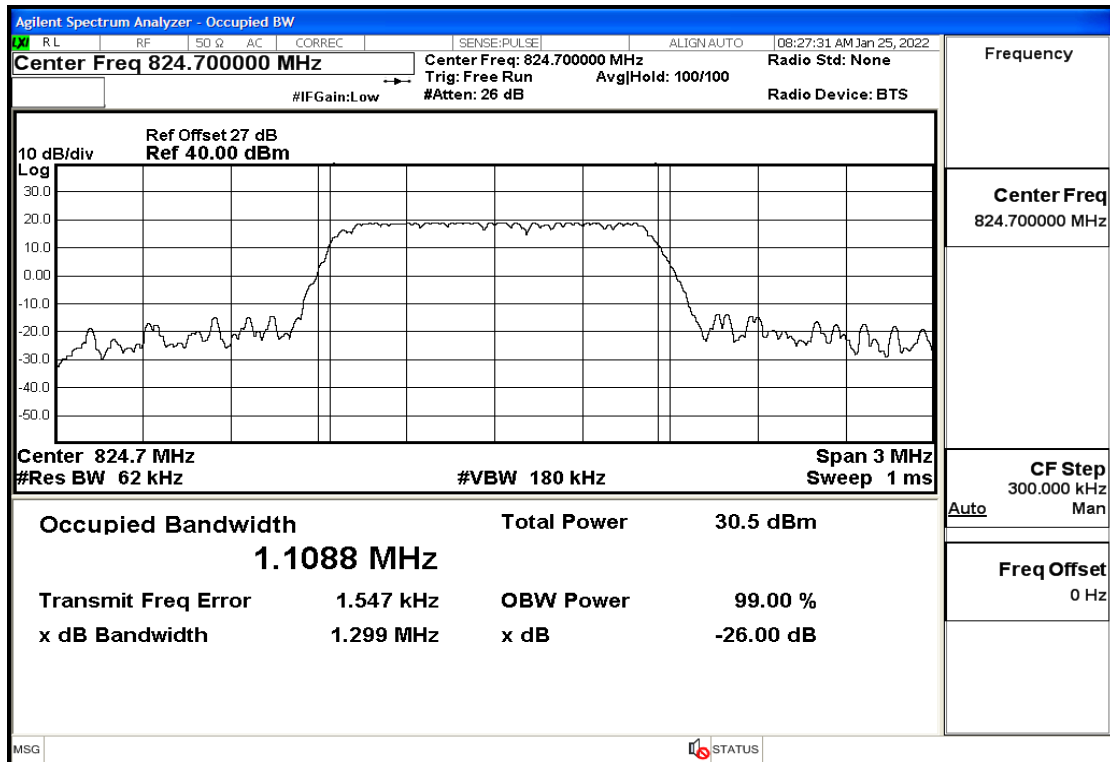
OB5-10-844-Q16-50#LOW@1GHz-9GHz@Pass



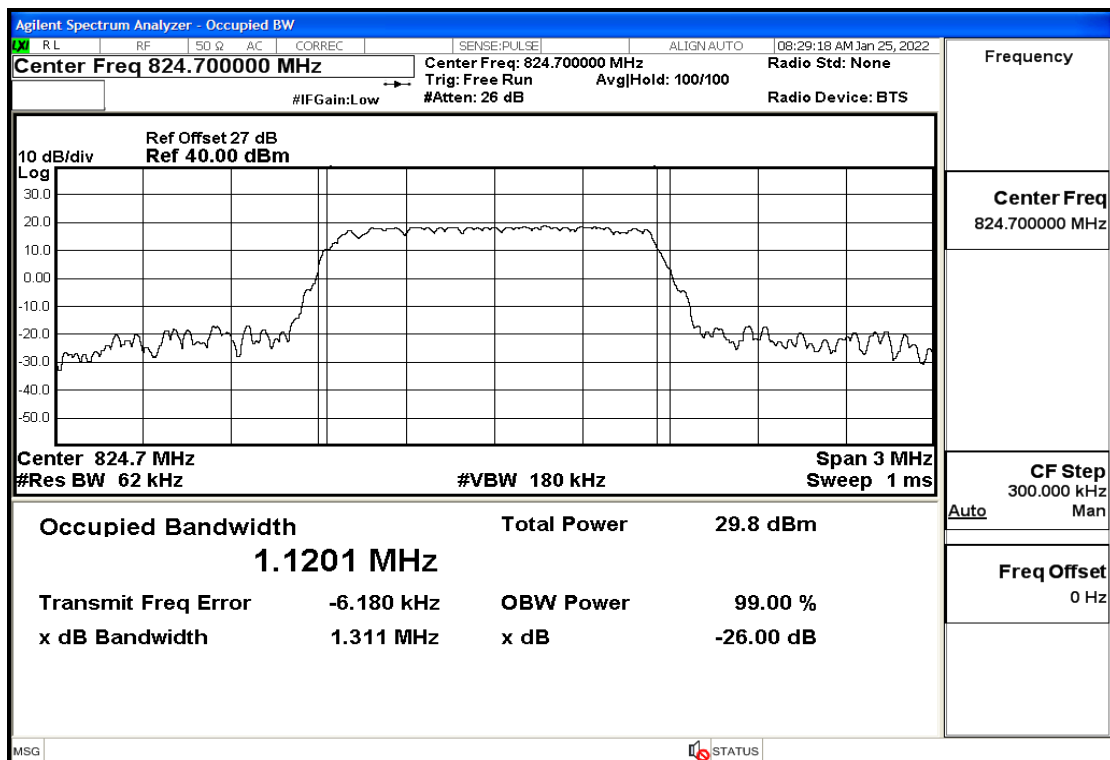
Emission bandwidth and OBW

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	1108.8	1299	No limit
Band5	1.4	824.7	16QAM	6	LOW	1120.1	1311	No limit
Band5	1.4	836.5	QPSK	6	LOW	1114.8	1303	No limit
Band5	1.4	836.5	16QAM	6	LOW	1113.7	1282	No limit
Band5	1.4	848.3	QPSK	6	LOW	1114.5	1288	No limit
Band5	1.4	848.3	16QAM	6	LOW	1113.3	1291	No limit
Band5	3	825.5	QPSK	15	LOW	2760.3	3110	No limit
Band5	3	825.5	16QAM	15	LOW	2770.9	3079	No limit
Band5	3	836.5	QPSK	15	LOW	2767.6	3063	No limit
Band5	3	836.5	16QAM	15	LOW	2764.3	3090	No limit
Band5	3	847.5	QPSK	15	LOW	2761.8	3097	No limit
Band5	3	847.5	16QAM	15	LOW	2761.6	3090	No limit
Band5	5	826.5	QPSK	25	LOW	4597.8	5051	No limit
Band5	5	826.5	16QAM	25	LOW	4566.1	5036	No limit
Band5	5	836.5	QPSK	25	LOW	4580.1	5066	No limit
Band5	5	836.5	16QAM	25	LOW	4562.4	5011	No limit
Band5	5	846.5	QPSK	25	LOW	4568.1	5097	No limit
Band5	5	846.5	16QAM	25	LOW	4583.3	5054	No limit
Band5	10	829	QPSK	50	LOW	9106.4	10040	No limit
Band5	10	829	16QAM	50	LOW	9088.2	10160	No limit
Band5	10	836.5	QPSK	50	LOW	9090.8	10120	No limit
Band5	10	836.5	16QAM	50	LOW	9120.8	10110	No limit
Band5	10	844	QPSK	50	LOW	9132.2	10110	No limit
Band5	10	844	16QAM	50	LOW	9123.4	10100	No limit

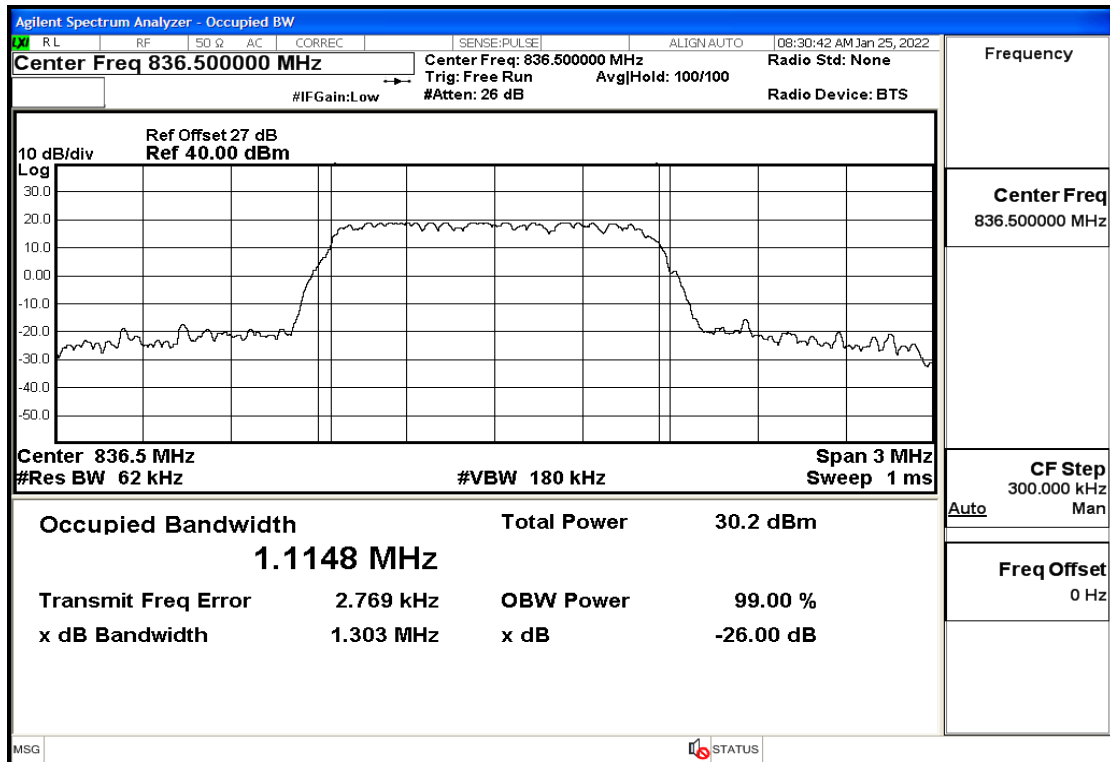
Band5-1.4-824.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



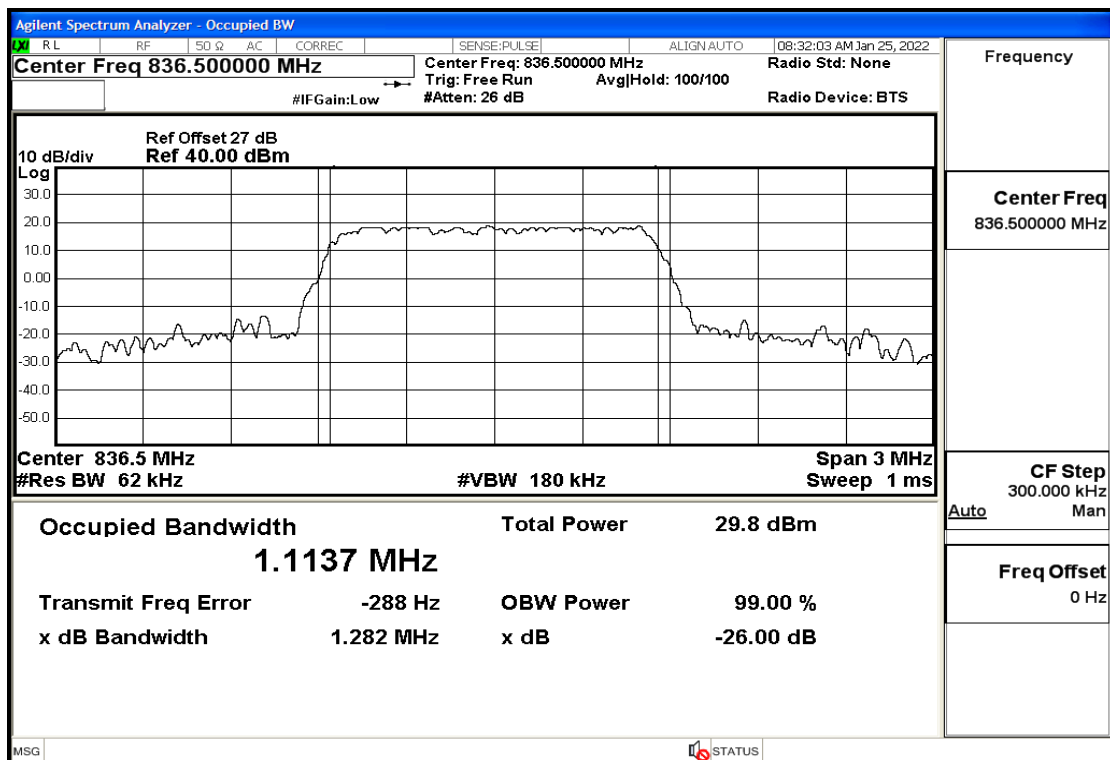
Band5-1.4-824.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



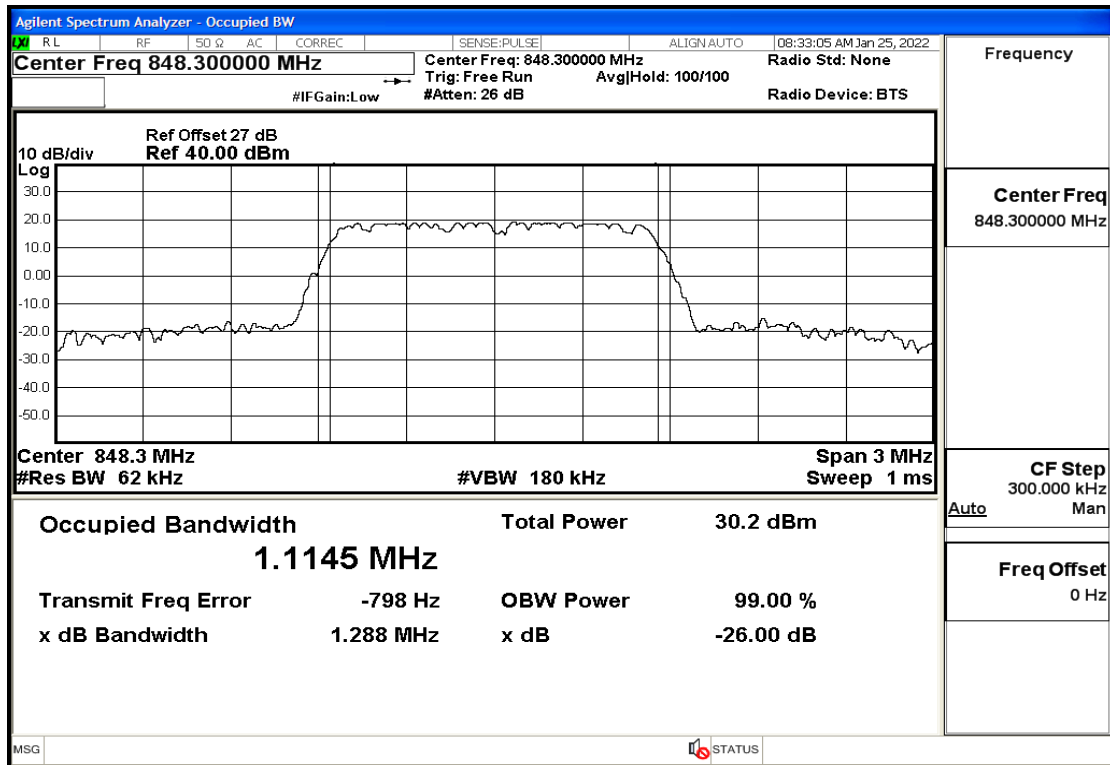
Band5-1.4-836.5-QPSK-6#LOW@26dB and 99PCT Bandwidth



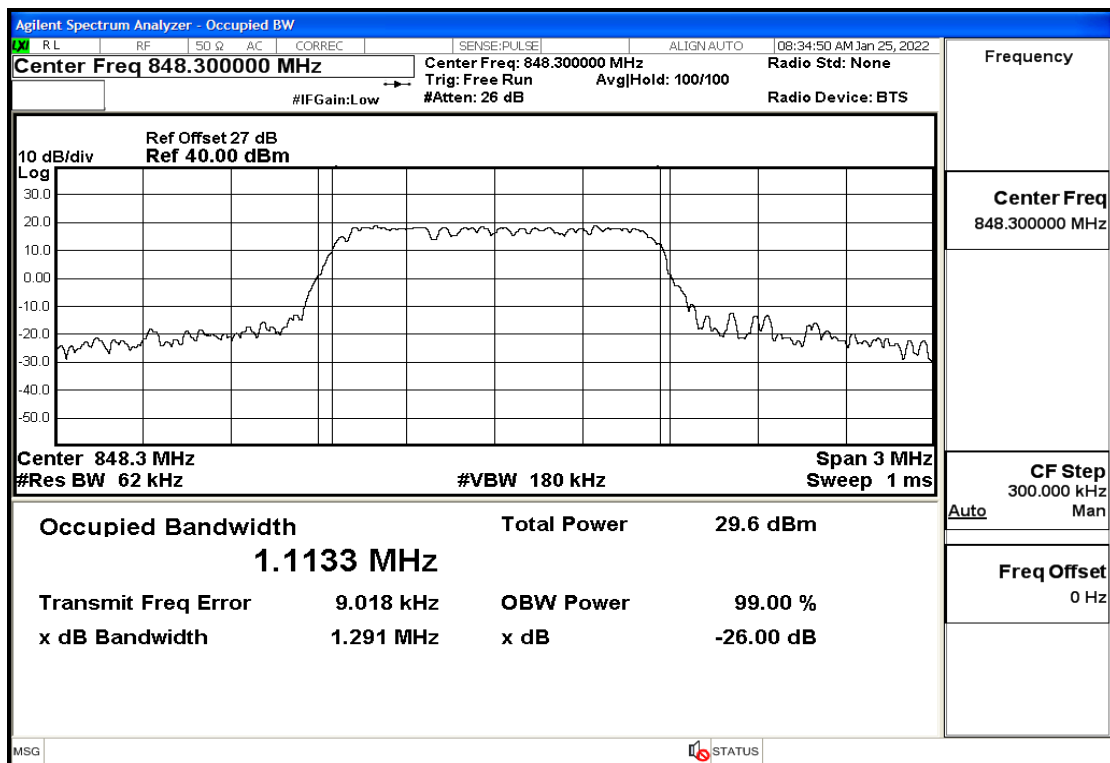
Band5-1.4-836.5-16QAM-6#LOW@26dB and 99PCT Bandwidth



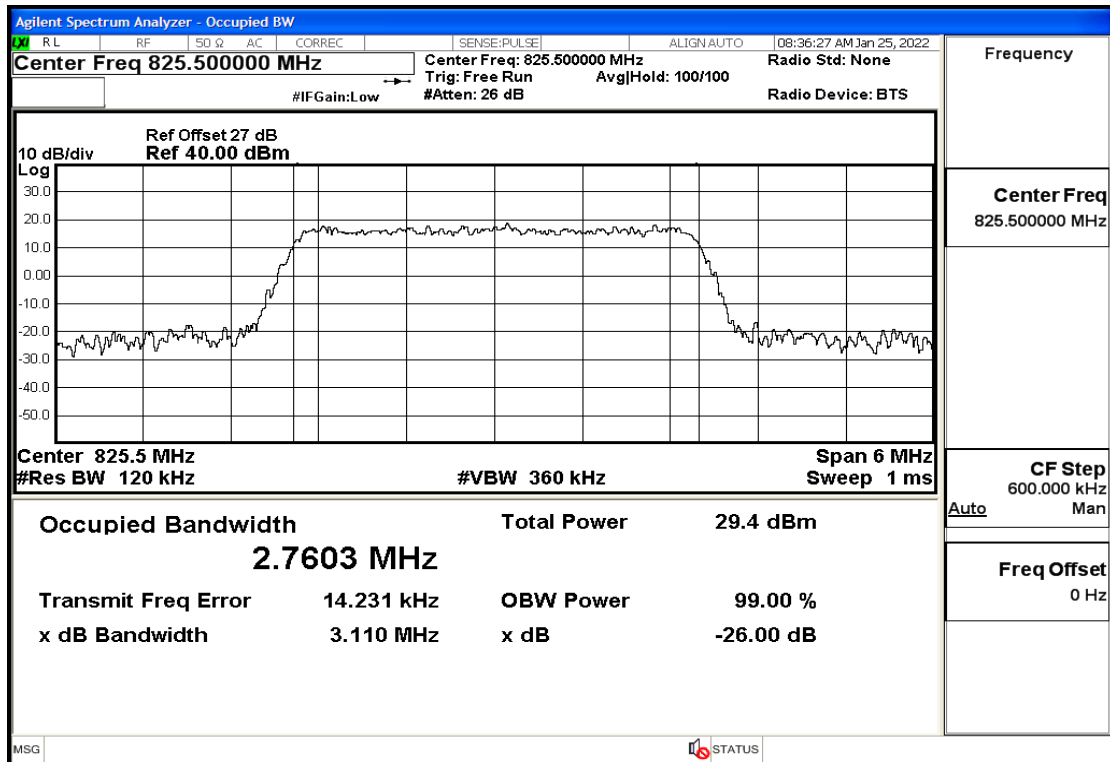
Band5-1.4-848.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



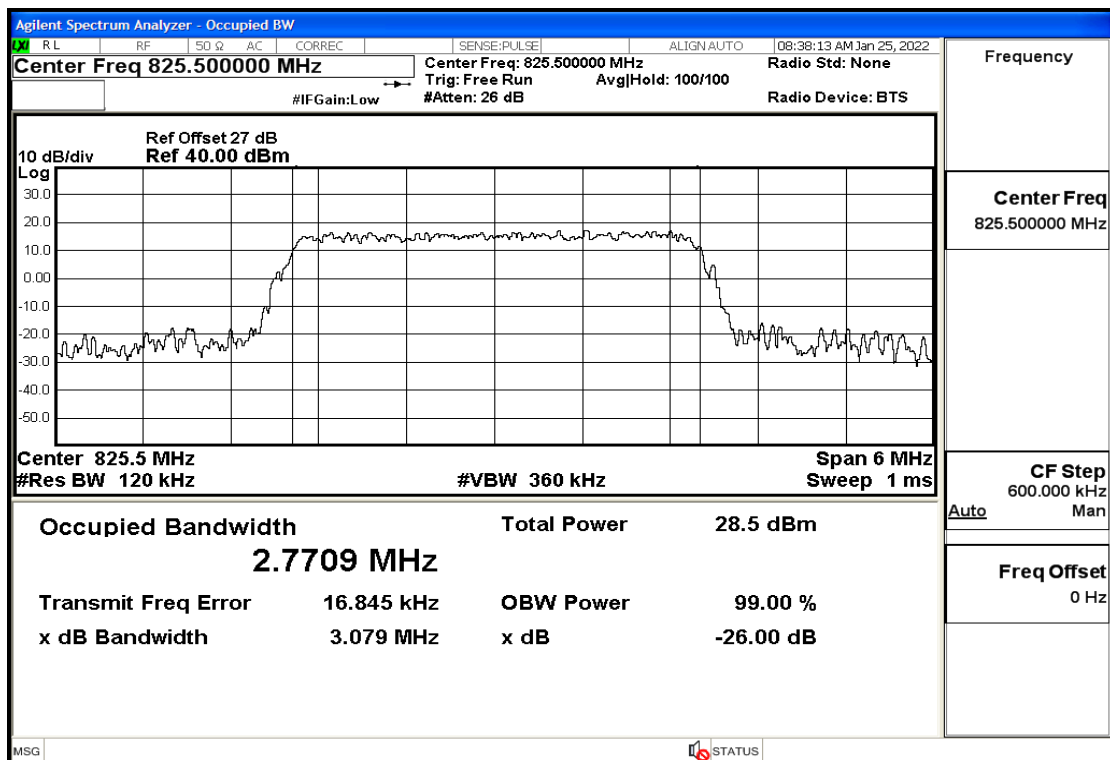
Band5-1.4-848.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



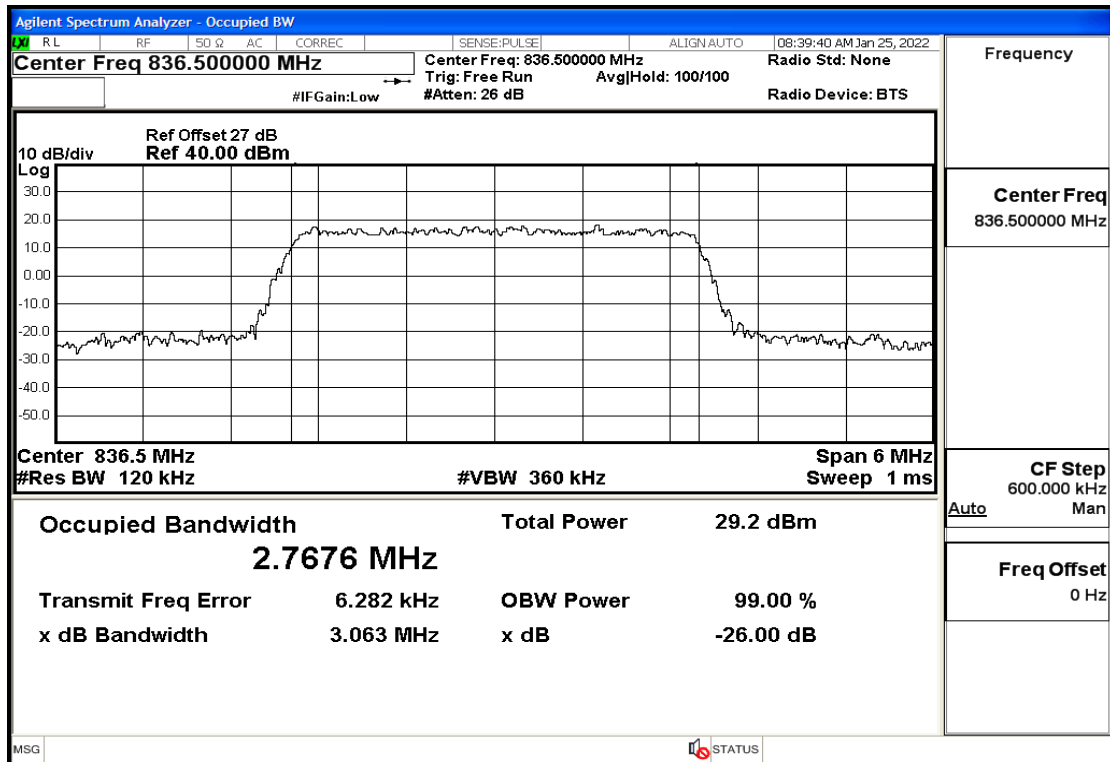
Band5-3-825.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



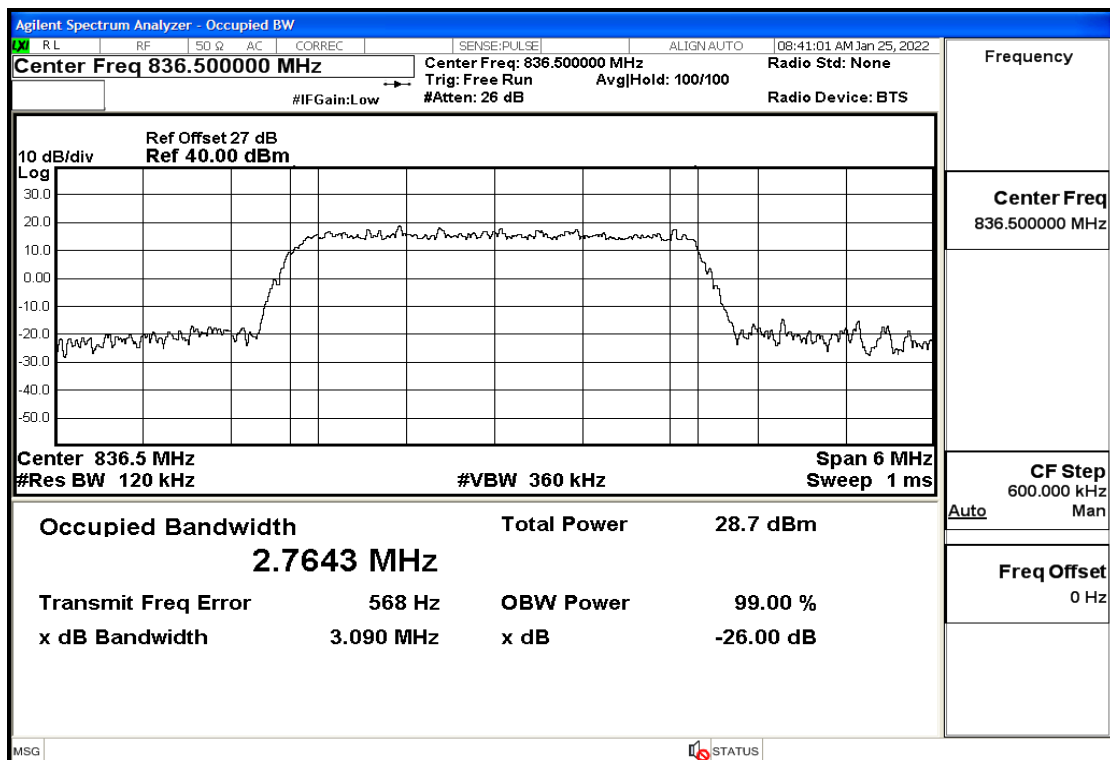
Band5-3-825.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



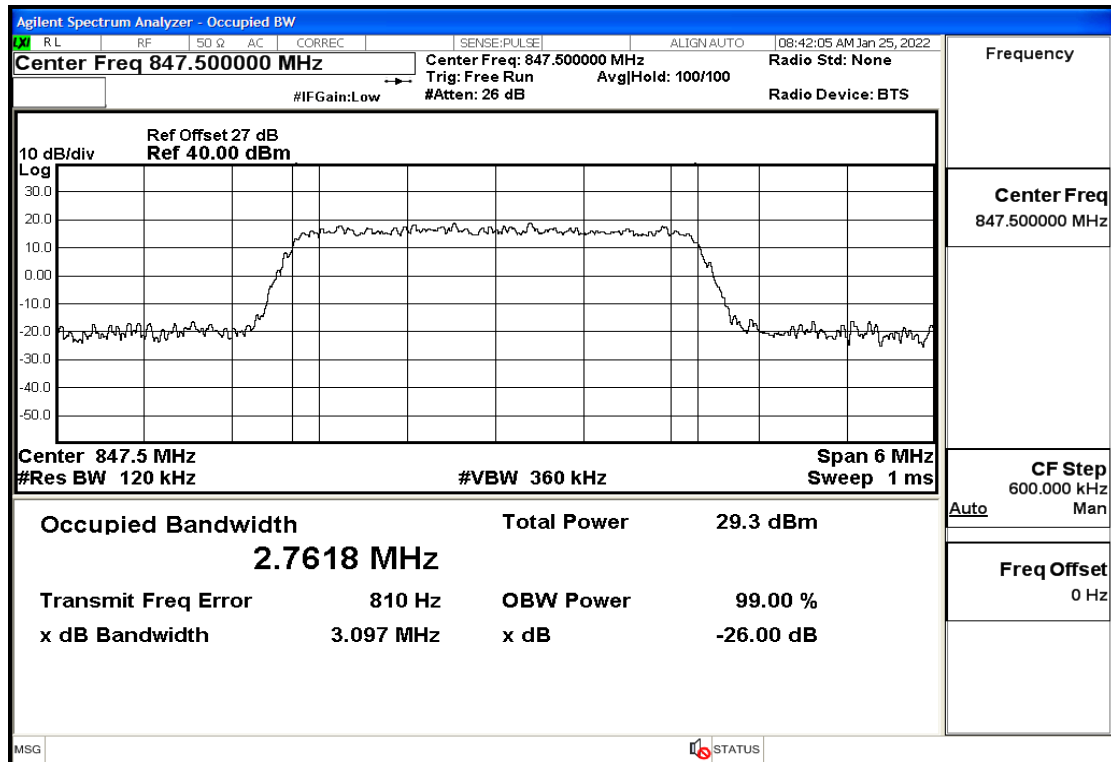
Band5-3-836.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



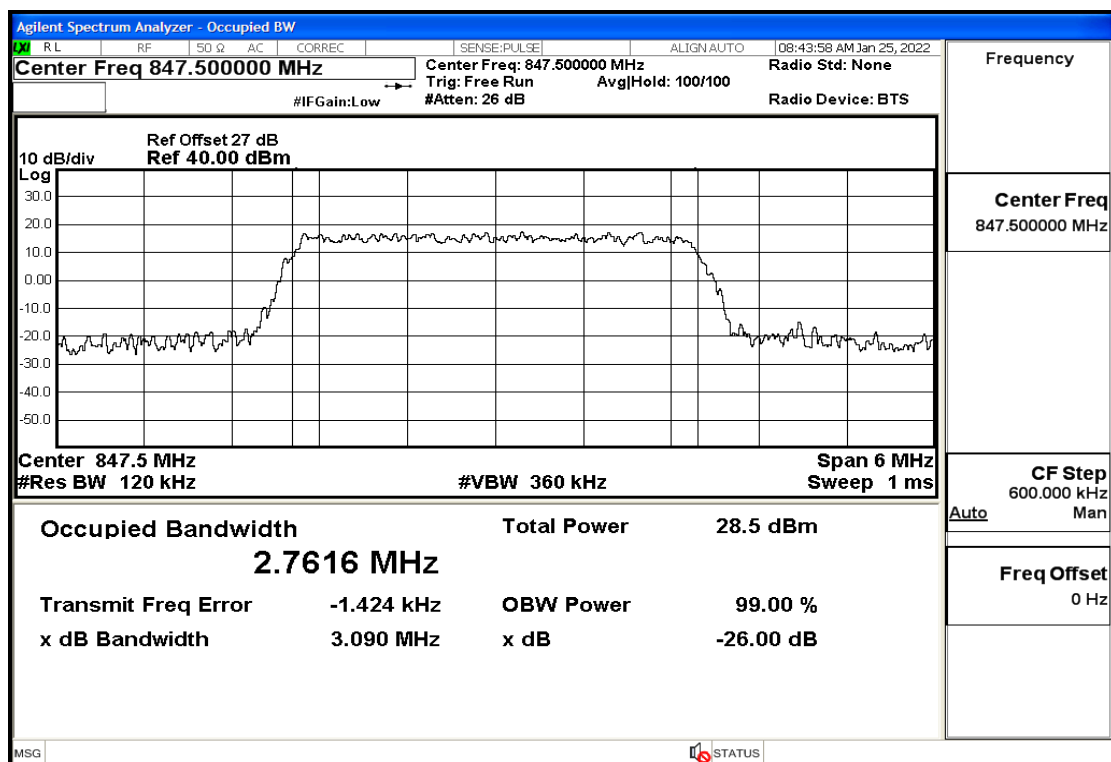
Band5-3-836.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



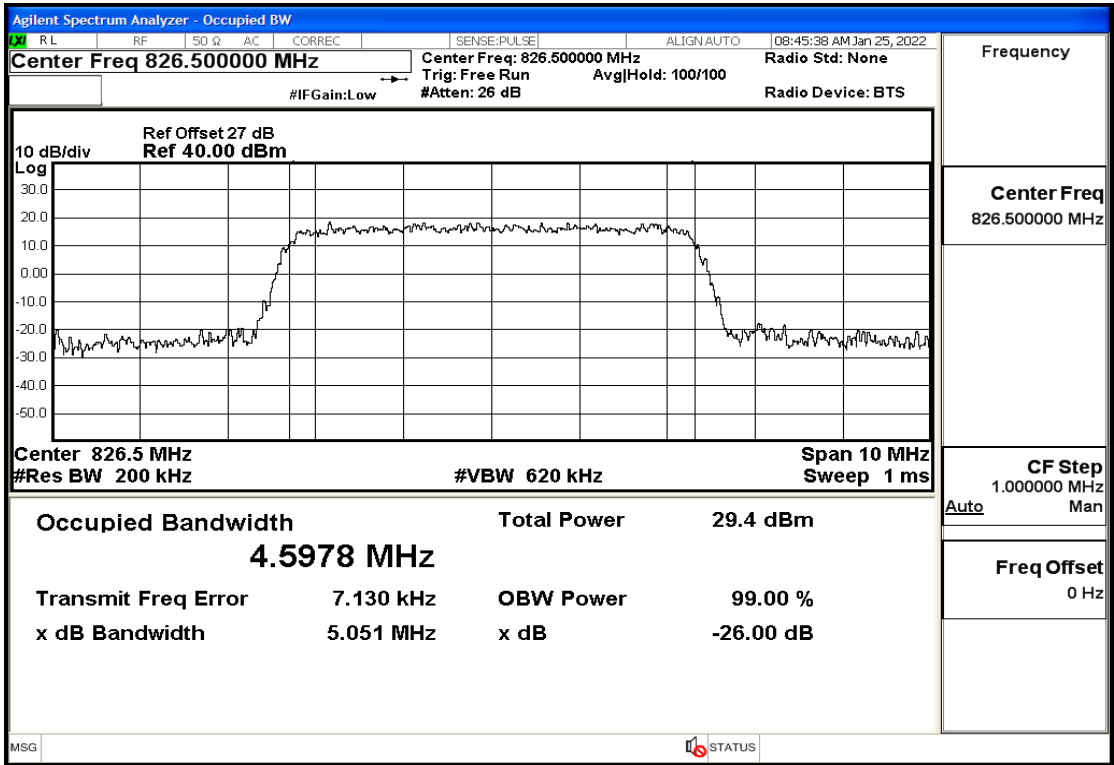
Band5-3-847.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



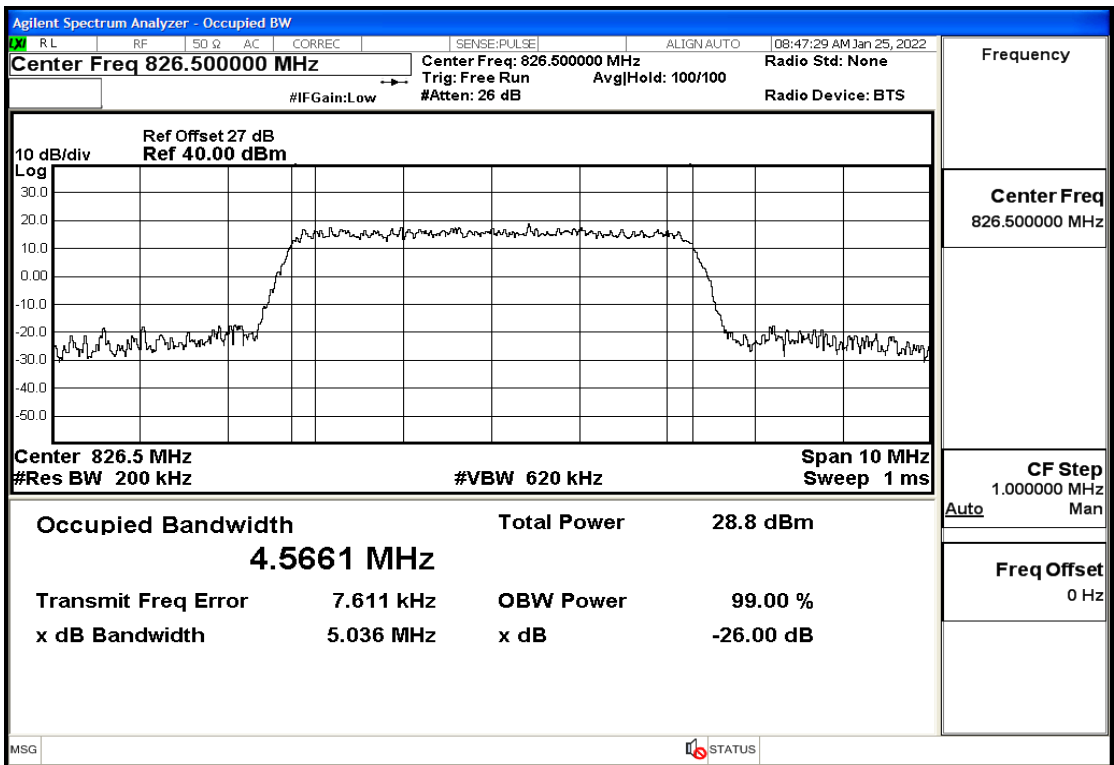
Band5-3-847.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



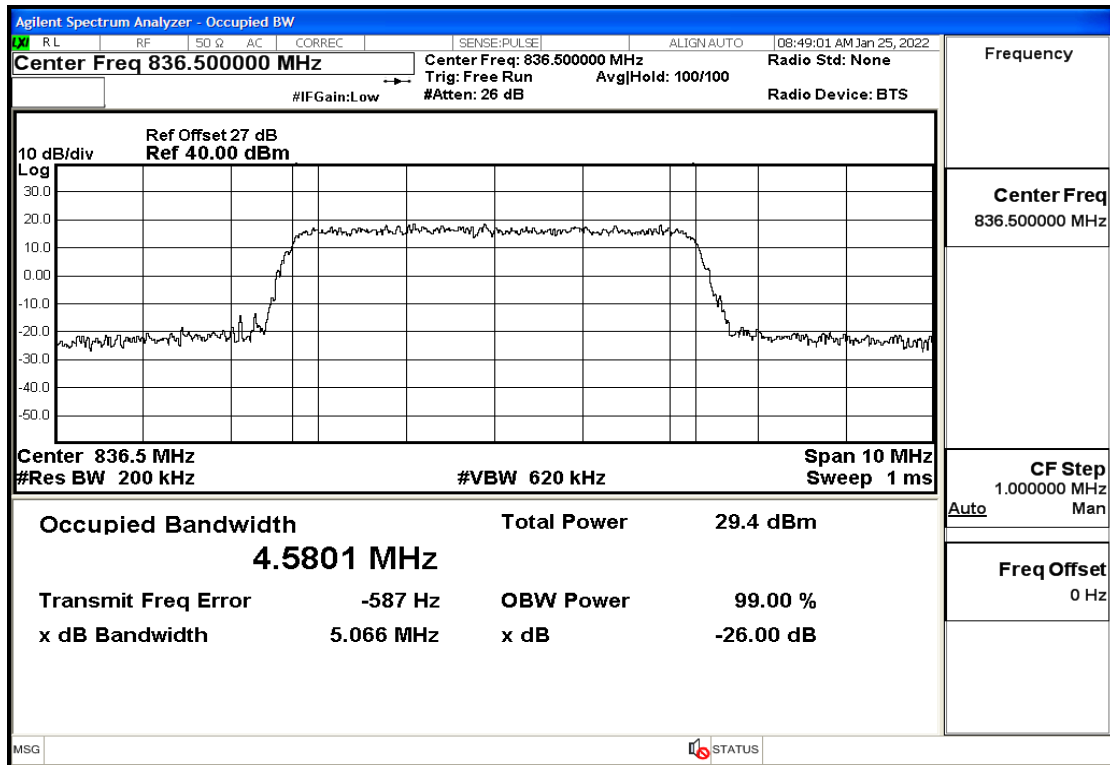
Band5-5-826.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



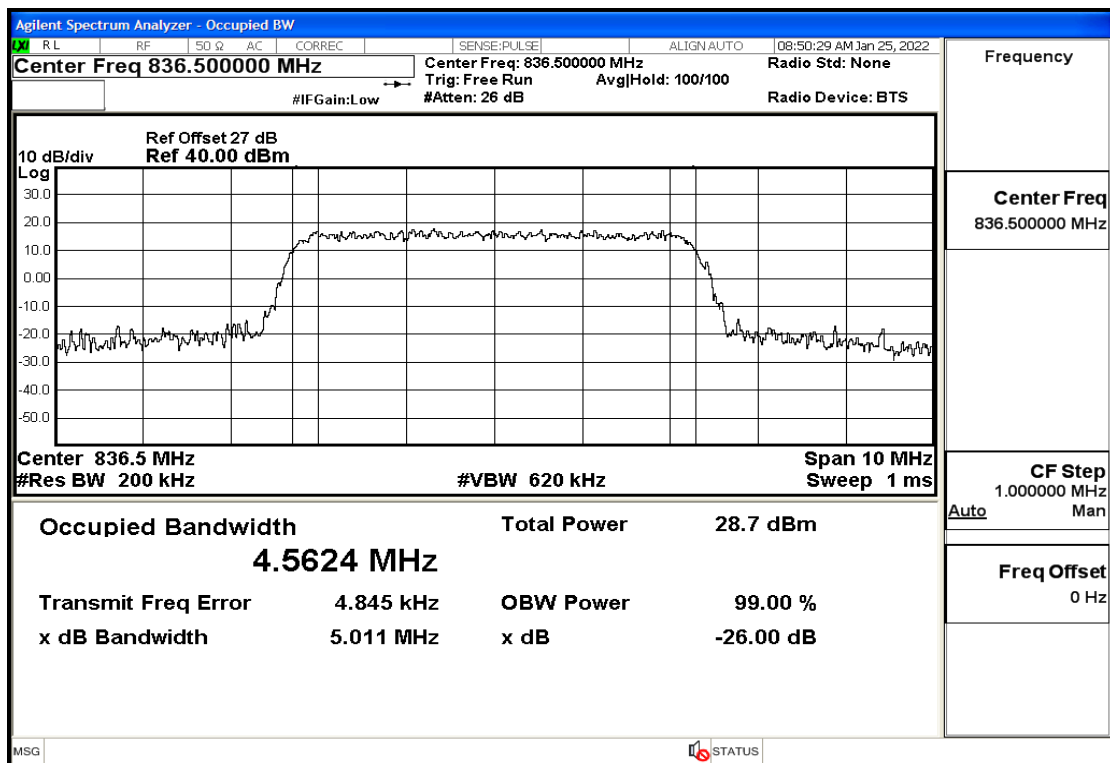
Band5-5-826.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



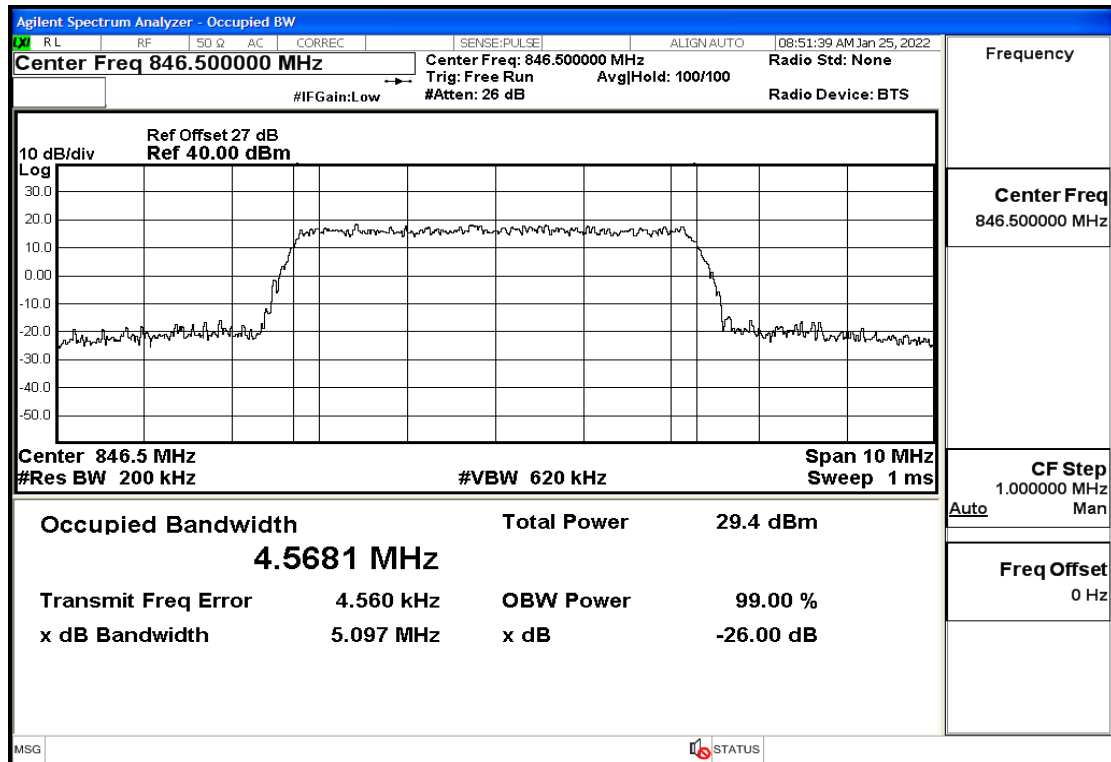
Band5-5-836.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



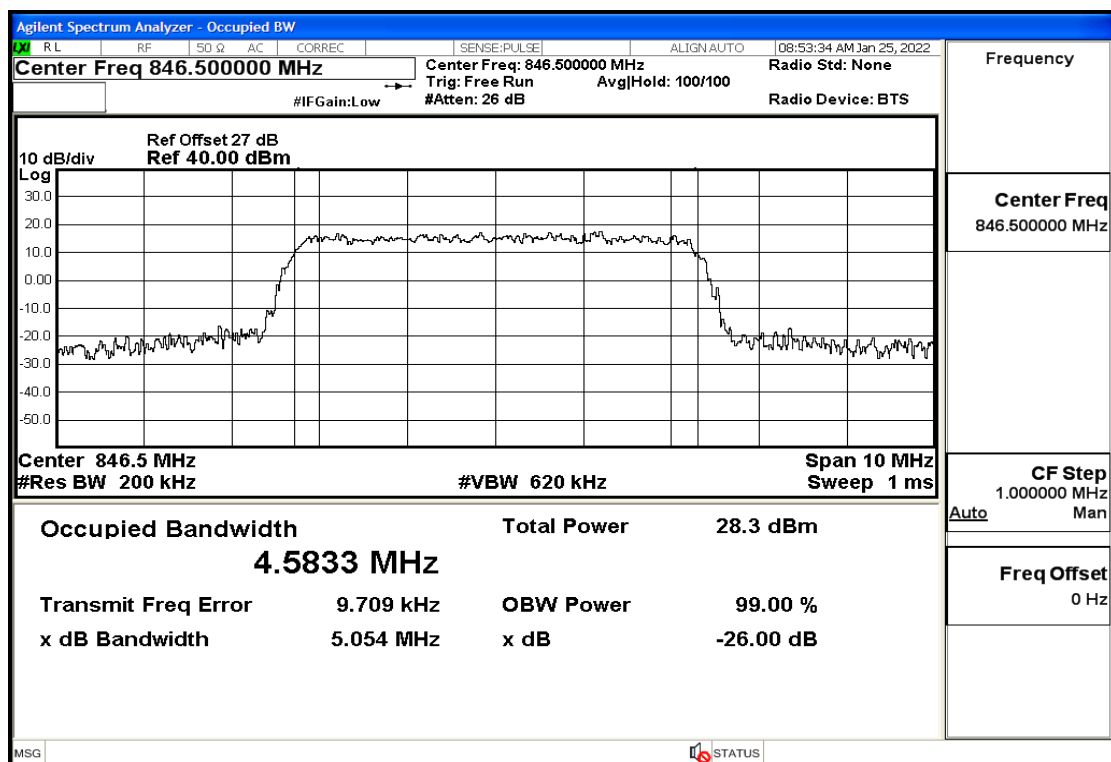
Band5-5-836.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



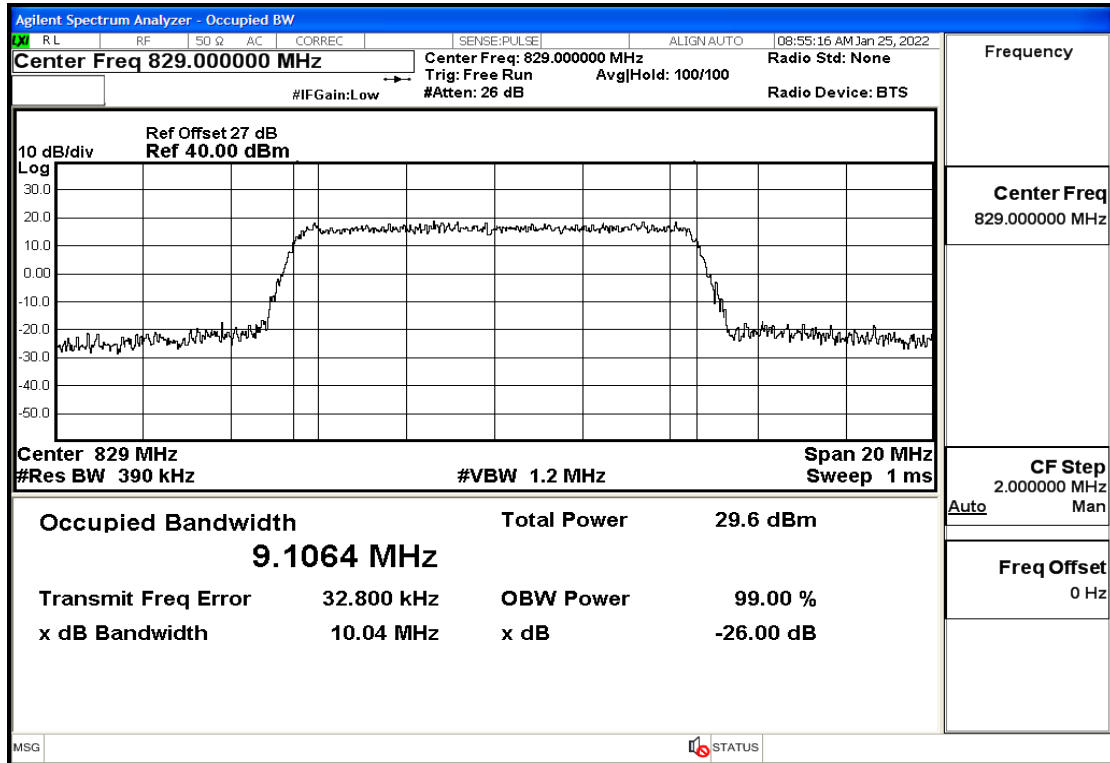
Band5-5-846.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



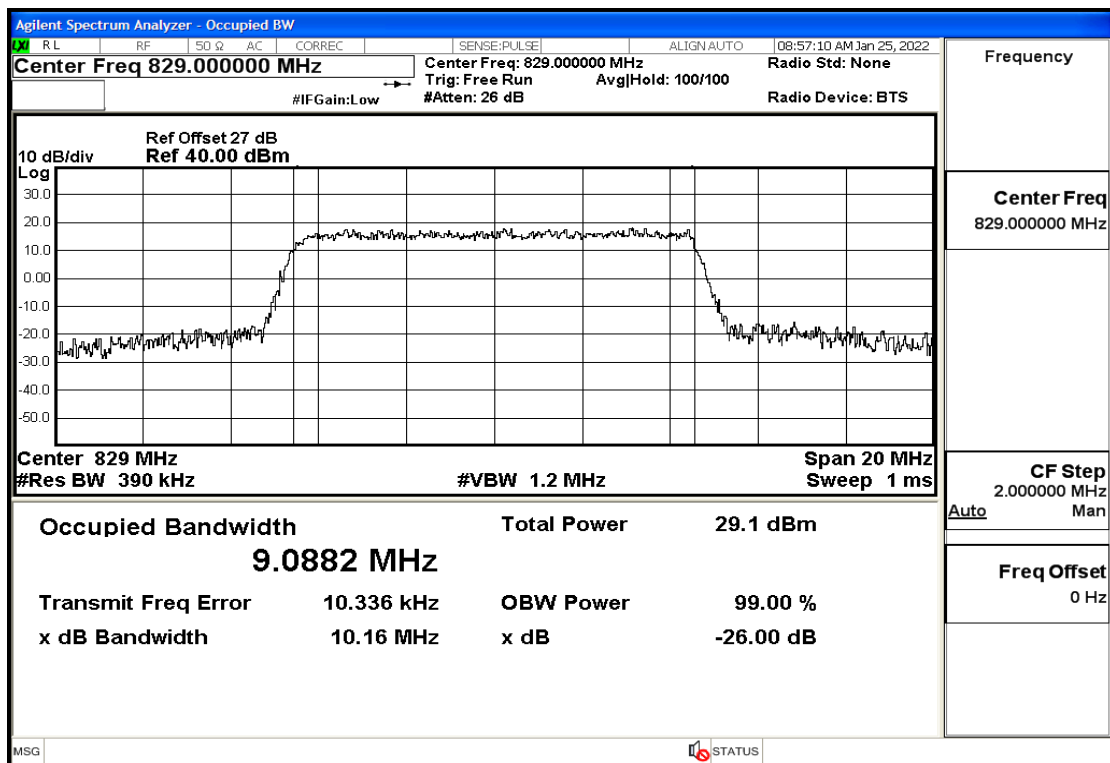
Band5-5-846.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



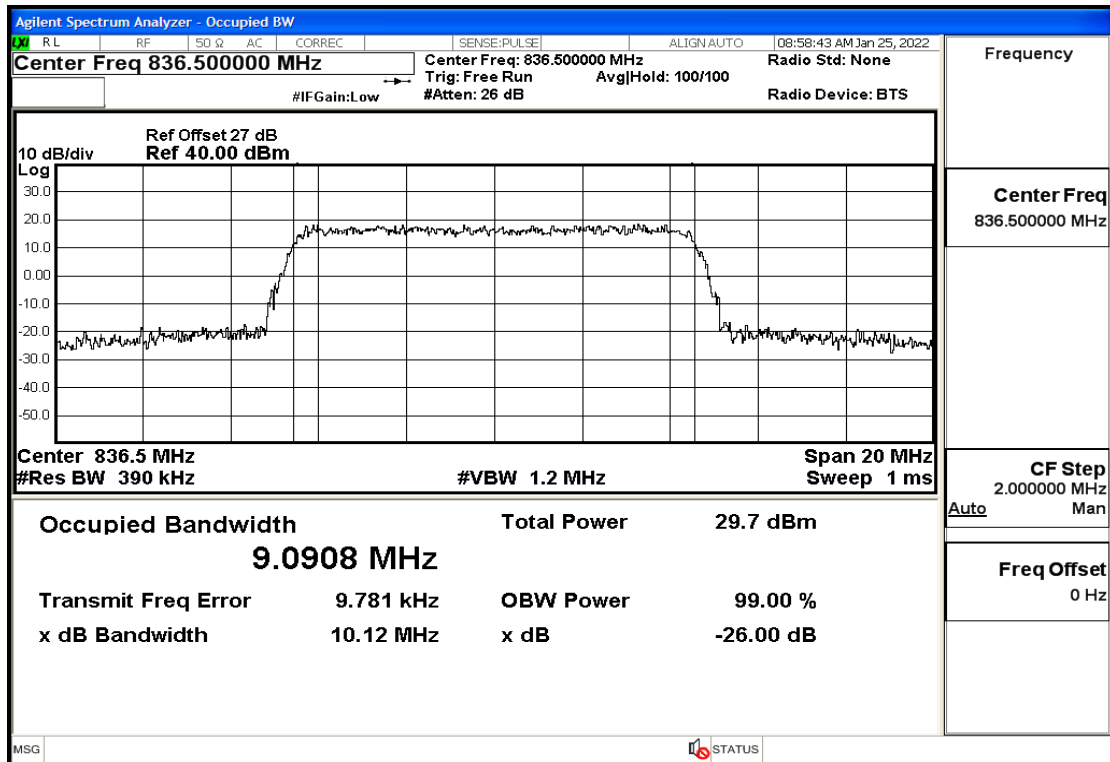
Band5-10-829-QPSK-50#LOW@26dB and 99PCT Bandwidth



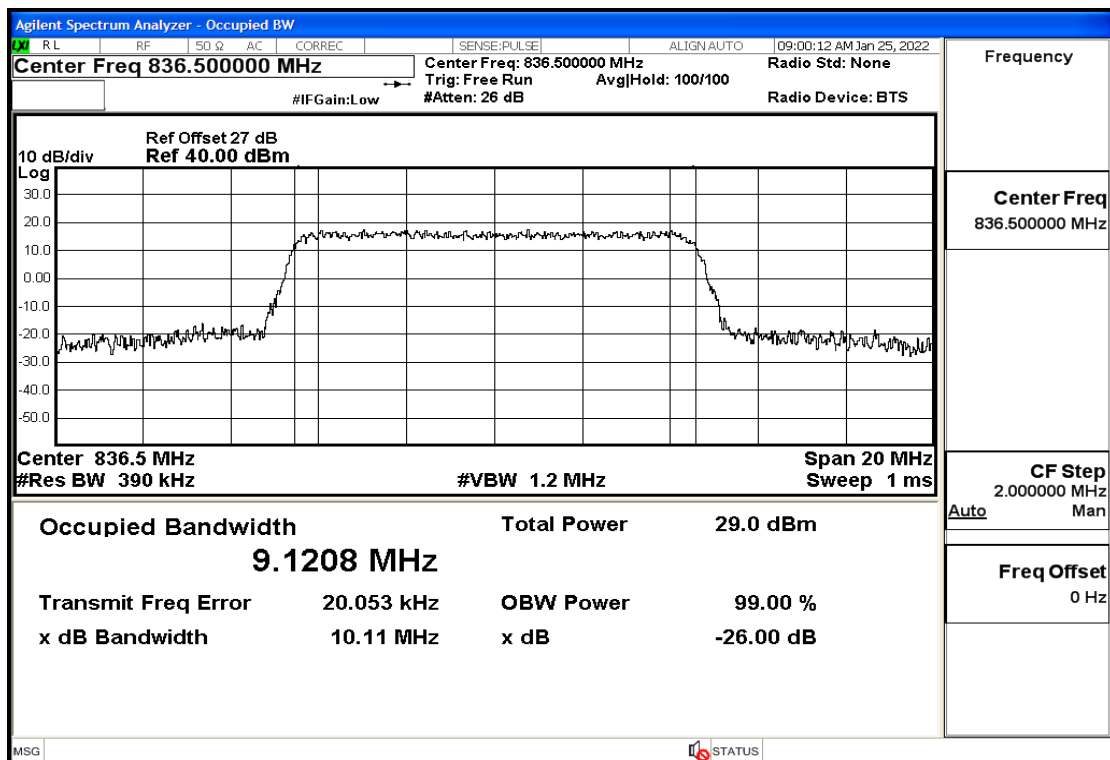
Band5-10-829-16QAM-50#LOW@26dB and 99PCT Bandwidth



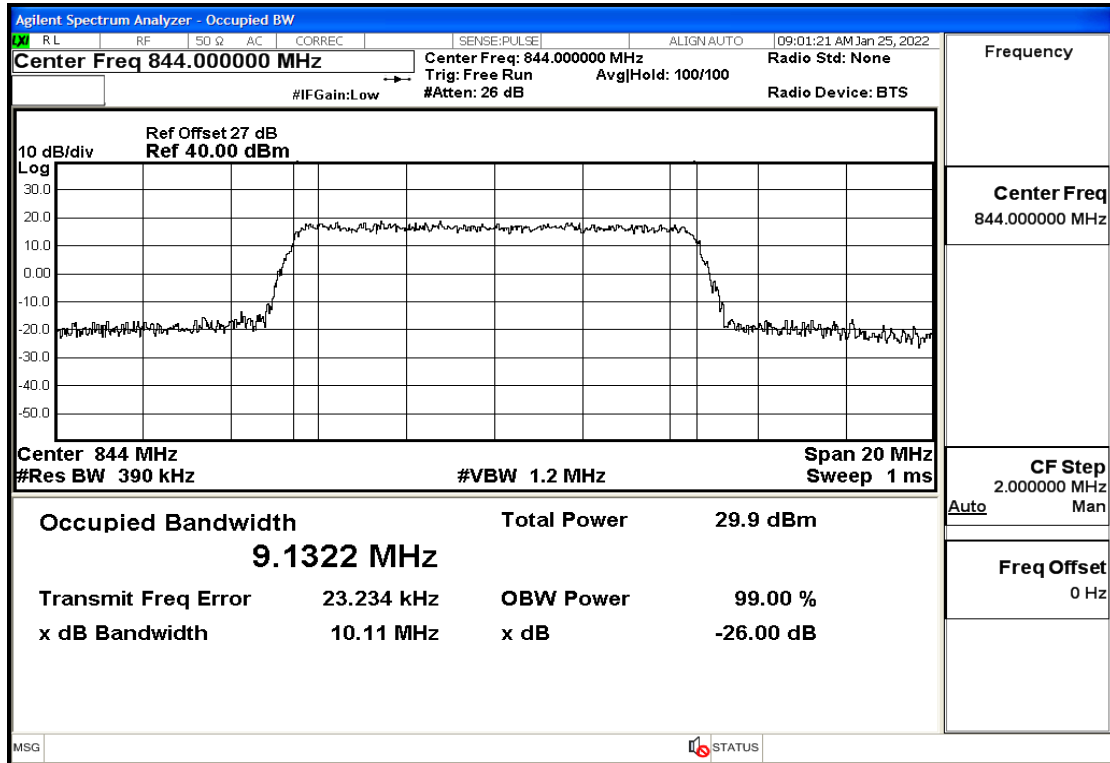
Band5-10-836.5-QPSK-50#LOW@26dB and 99PCT Bandwidth



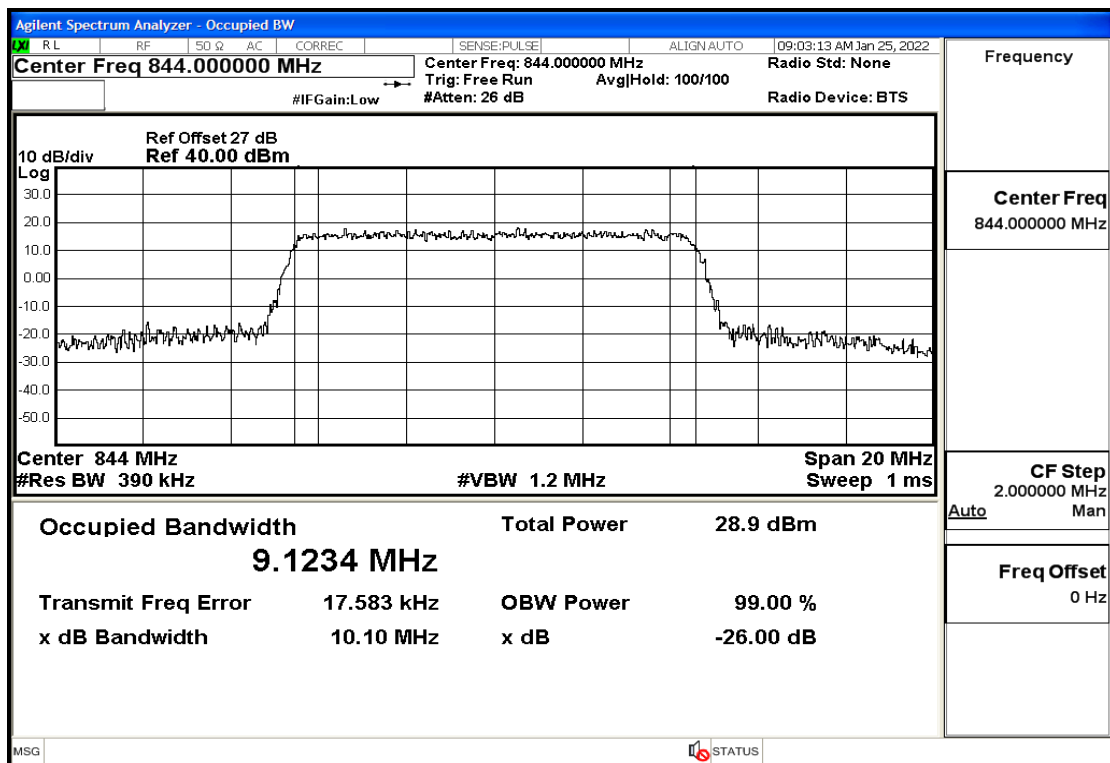
Band5-10-836.5-16QAM-50#LOW@26dB and 99PCT Bandwidth



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	0.0661	PASS
40	Normal Voltage	0.0358	
30	Normal Voltage	0.0200	
20(Ref.)	Normal Voltage	0.0261	
10	Normal Voltage	0.0589	
0	Normal Voltage	0.0168	
-10	Normal Voltage	0.0438	
-20	Normal Voltage	0.0320	
-30	Normal Voltage	0.0173	
20	Maximum Voltage	0.0187	
20	Normal Voltage	0.0291	
20	Battery End Point	0.0673	

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	21.85	27.79	5.94	13	-0.76	18.94	38.5	Pass
Band5	1.4	824.7	QPSK	3	LOW	22.92	27.81	4.89	13	-0.76	20.01	38.5	Pass
Band5	1.4	824.7	QPSK	3	MID	23.03	27.85	4.82	13	-0.76	20.12	38.5	Pass
Band5	1.4	824.7	QPSK	3	HIGH	23.07	27.89	4.82	13	-0.76	20.16	38.5	Pass
Band5	1.4	824.7	QPSK	1	LOW	23.04	27.35	4.31	13	-0.76	20.13	38.5	Pass
Band5	1.4	824.7	QPSK	1	MID	23.08	27.48	4.4	13	-0.76	20.17	38.5	Pass
Band5	1.4	824.7	QPSK	1	HIGH	23.06	27.5	4.44	13	-0.76	20.15	38.5	Pass
Band5	1.4	824.7	16QAM	6	LOW	21.38	27.97	6.59	13	-0.76	18.47	38.5	Pass
Band5	1.4	824.7	16QAM	3	LOW	22.3	27.55	5.25	13	-0.76	19.39	38.5	Pass
Band5	1.4	824.7	16QAM	3	MID	22.29	27.53	5.24	13	-0.76	19.38	38.5	Pass
Band5	1.4	824.7	16QAM	3	HIGH	22.35	27.73	5.38	13	-0.76	19.44	38.5	Pass
Band5	1.4	824.7	16QAM	1	LOW	22.77	27.48	4.71	13	-0.76	19.86	38.5	Pass
Band5	1.4	824.7	16QAM	1	MID	22.64	27.47	4.83	13	-0.76	19.73	38.5	Pass
Band5	1.4	824.7	16QAM	1	HIGH	22.76	27.52	4.76	13	-0.76	19.85	38.5	Pass
Band5	1.4	836.5	QPSK	6	LOW	21.98	27.45	5.47	13	-0.76	19.07	38.5	Pass
Band5	1.4	836.5	QPSK	3	LOW	23.03	27.75	4.72	13	-0.76	20.12	38.5	Pass
Band5	1.4	836.5	QPSK	3	MID	23.02	27.72	4.7	13	-0.76	20.11	38.5	Pass
Band5	1.4	836.5	QPSK	3	HIGH	23	27.76	4.76	13	-0.76	20.09	38.5	Pass
Band5	1.4	836.5	QPSK	1	LOW	22.99	27.41	4.42	13	-0.76	20.08	38.5	Pass
Band5	1.4	836.5	QPSK	1	MID	23	27.4	4.4	13	-0.76	20.09	38.5	Pass
Band5	1.4	836.5	QPSK	1	HIGH	23.06	27.45	4.39	13	-0.76	20.15	38.5	Pass
Band5	1.4	836.5	16QAM	6	LOW	21.37	27.64	6.27	13	-0.76	18.46	38.5	Pass
Band5	1.4	836.5	16QAM	3	LOW	22.06	27.75	5.69	13	-0.76	19.15	38.5	Pass
Band5	1.4	836.5	16QAM	3	MID	22.06	27.75	5.69	13	-0.76	19.15	38.5	Pass
Band5	1.4	836.5	16QAM	3	HIGH	22.04	27.86	5.82	13	-0.76	19.13	38.5	Pass
Band5	1.4	836.5	16QAM	1	LOW	22.8	27.34	4.54	13	-0.76	19.89	38.5	Pass
Band5	1.4	836.5	16QAM	1	MID	22.69	27.05	4.36	13	-0.76	19.78	38.5	Pass
Band5	1.4	836.5	16QAM	1	HIGH	22.66	27.09	4.43	13	-0.76	19.75	38.5	Pass
Band5	1.4	848.3	QPSK	6	LOW	21.91	27.3	5.39	13	-0.76	19	38.5	Pass
Band5	1.4	848.3	QPSK	3	LOW	23.11	27.47	4.36	13	-0.76	20.2	38.5	Pass
Band5	1.4	848.3	QPSK	3	MID	23.09	27.47	4.38	13	-0.76	20.18	38.5	Pass
Band5	1.4	848.3	QPSK	3	HIGH	23.03	27.3	4.27	13	-0.76	20.12	38.5	Pass
Band5	1.4	848.3	QPSK	1	LOW	23.18	27.01	3.83	13	-0.76	20.27	38.5	Pass
Band5	1.4	848.3	QPSK	1	MID	23.22	26.94	3.72	13	-0.76	20.31	38.5	Pass
Band5	1.4	848.3	QPSK	1	HIGH	23.2	26.85	3.65	13	-0.76	20.29	38.5	Pass
Band5	1.4	848.3	16QAM	6	LOW	21.58	27.66	6.08	13	-0.76	18.67	38.5	Pass
Band5	1.4	848.3	16QAM	3	LOW	21.78	27.26	5.48	13	-0.76	18.87	38.5	Pass
Band5	1.4	848.3	16QAM	3	MID	21.68	27.26	5.58	13	-0.76	18.77	38.5	Pass
Band5	1.4	848.3	16QAM	3	HIGH	21.69	27.09	5.4	13	-0.76	18.78	38.5	Pass
Band5	1.4	848.3	16QAM	1	LOW	21.75	26.44	4.69	13	-0.76	18.84	38.5	Pass

Band5	1.4	848.3	16QAM	1	MID	21.93	26.95	5.02	13	-0.76	19.02	38.5	Pass
Band5	1.4	848.3	16QAM	1	HIGH	21.65	26.32	4.67	13	-0.76	18.74	38.5	Pass
Band5	3	825.5	QPSK	15	LOW	21.93	27.77	5.84	13	-0.76	19.02	38.5	Pass
Band5	3	825.5	QPSK	8	LOW	21.97	27.46	5.49	13	-0.76	19.06	38.5	Pass
Band5	3	825.5	QPSK	8	MID	21.97	27.32	5.35	13	-0.76	19.06	38.5	Pass
Band5	3	825.5	QPSK	8	HIGH	21.9	27.5	5.6	13	-0.76	18.99	38.5	Pass
Band5	3	825.5	QPSK	1	LOW	22.8	27.07	4.27	13	-0.76	19.89	38.5	Pass
Band5	3	825.5	QPSK	1	MID	23	27.27	4.27	13	-0.76	20.09	38.5	Pass
Band5	3	825.5	QPSK	1	HIGH	23.06	27.51	4.45	13	-0.76	20.15	38.5	Pass
Band5	3	825.5	16QAM	15	LOW	21.13	27.55	6.42	13	-0.76	18.22	38.5	Pass
Band5	3	825.5	16QAM	8	LOW	21.22	27.58	6.36	13	-0.76	18.31	38.5	Pass
Band5	3	825.5	16QAM	8	MID	21.37	27.67	6.3	13	-0.76	18.46	38.5	Pass
Band5	3	825.5	16QAM	8	HIGH	21.31	27.6	6.29	13	-0.76	18.4	38.5	Pass
Band5	3	825.5	16QAM	1	LOW	22.2	27.54	5.34	13	-0.76	19.29	38.5	Pass
Band5	3	825.5	16QAM	1	MID	22.17	27.62	5.45	13	-0.76	19.26	38.5	Pass
Band5	3	825.5	16QAM	1	HIGH	22.25	27.68	5.43	13	-0.76	19.34	38.5	Pass
Band5	3	836.5	QPSK	15	LOW	22	27.98	5.98	13	-0.76	19.09	38.5	Pass
Band5	3	836.5	QPSK	8	LOW	21.97	27.61	5.64	13	-0.76	19.06	38.5	Pass
Band5	3	836.5	QPSK	8	MID	21.97	27.62	5.65	13	-0.76	19.06	38.5	Pass
Band5	3	836.5	QPSK	8	HIGH	21.92	27.61	5.69	13	-0.76	19.01	38.5	Pass
Band5	3	836.5	QPSK	1	LOW	23.02	27.42	4.4	13	-0.76	20.11	38.5	Pass
Band5	3	836.5	QPSK	1	MID	23.05	27.42	4.37	13	-0.76	20.14	38.5	Pass
Band5	3	836.5	QPSK	1	HIGH	23.03	27.45	4.42	13	-0.76	20.12	38.5	Pass
Band5	3	836.5	16QAM	15	LOW	21.44	27.74	6.3	13	-0.76	18.53	38.5	Pass
Band5	3	836.5	16QAM	8	LOW	21.15	27.32	6.17	13	-0.76	18.24	38.5	Pass
Band5	3	836.5	16QAM	8	MID	21.16	27.35	6.19	13	-0.76	18.25	38.5	Pass
Band5	3	836.5	16QAM	8	HIGH	21.4	27.44	6.04	13	-0.76	18.49	38.5	Pass
Band5	3	836.5	16QAM	1	LOW	22.75	27.43	4.68	13	-0.76	19.84	38.5	Pass
Band5	3	836.5	16QAM	1	MID	22.77	27.17	4.4	13	-0.76	19.86	38.5	Pass
Band5	3	836.5	16QAM	1	HIGH	22.71	27.2	4.49	13	-0.76	19.8	38.5	Pass
Band5	3	847.5	QPSK	15	LOW	21.91	28.02	6.11	13	-0.76	19	38.5	Pass
Band5	3	847.5	QPSK	8	LOW	22.11	27.64	5.53	13	-0.76	19.2	38.5	Pass
Band5	3	847.5	QPSK	8	MID	22.11	27.61	5.5	13	-0.76	19.2	38.5	Pass
Band5	3	847.5	QPSK	8	HIGH	21.96	27.44	5.48	13	-0.76	19.05	38.5	Pass
Band5	3	847.5	QPSK	1	LOW	23.22	27.25	4.03	13	-0.76	20.31	38.5	Pass
Band5	3	847.5	QPSK	1	MID	23.14	27.03	3.89	13	-0.76	20.23	38.5	Pass
Band5	3	847.5	QPSK	1	HIGH	23.19	26.95	3.76	13	-0.76	20.28	38.5	Pass
Band5	3	847.5	16QAM	15	LOW	21.13	27.93	6.8	13	-0.76	18.22	38.5	Pass
Band5	3	847.5	16QAM	8	LOW	21.24	27.23	5.99	13	-0.76	18.33	38.5	Pass
Band5	3	847.5	16QAM	8	MID	21.25	27.38	6.13	13	-0.76	18.34	38.5	Pass
Band5	3	847.5	16QAM	8	HIGH	21.34	27.19	5.85	13	-0.76	18.43	38.5	Pass
Band5	3	847.5	16QAM	1	LOW	21.95	26.72	4.77	13	-0.76	19.04	38.5	Pass
Band5	3	847.5	16QAM	1	MID	21.97	26.58	4.61	13	-0.76	19.06	38.5	Pass
Band5	3	847.5	16QAM	1	HIGH	21.83	26.38	4.55	13	-0.76	18.92	38.5	Pass
Band5	5	826.5	QPSK	25	LOW	21.97	27.98	6.01	13	-0.76	19.06	38.5	Pass
Band5	5	826.5	QPSK	12	LOW	21.87	27.41	5.54	13	-0.76	18.96	38.5	Pass

Band5	5	826.5	QPSK	12	MID	21.87	27.44	5.57	13	-0.76	18.96	38.5	Pass
Band5	5	826.5	QPSK	12	HIGH	21.99	27.38	5.39	13	-0.76	19.08	38.5	Pass
Band5	5	826.5	QPSK	1	LOW	22.89	27.57	4.68	13	-0.76	19.98	38.5	Pass
Band5	5	826.5	QPSK	1	MID	22.88	27.8	4.92	13	-0.76	19.97	38.5	Pass
Band5	5	826.5	QPSK	1	HIGH	22.93	27.86	4.93	13	-0.76	20.02	38.5	Pass
Band5	5	826.5	16QAM	25	LOW	21.09	28.24	7.15	13	-0.76	18.18	38.5	Pass
Band5	5	826.5	16QAM	12	LOW	21.12	27.73	6.61	13	-0.76	18.21	38.5	Pass
Band5	5	826.5	16QAM	12	MID	21.13	27.71	6.58	13	-0.76	18.22	38.5	Pass
Band5	5	826.5	16QAM	12	HIGH	21.1	27.89	6.79	13	-0.76	18.19	38.5	Pass
Band5	5	826.5	16QAM	1	LOW	21.49	26.83	5.34	13	-0.76	18.58	38.5	Pass
Band5	5	826.5	16QAM	1	MID	21.47	26.88	5.41	13	-0.76	18.56	38.5	Pass
Band5	5	826.5	16QAM	1	HIGH	21.54	26.95	5.41	13	-0.76	18.63	38.5	Pass
Band5	5	836.5	QPSK	25	LOW	22.04	28.15	6.11	13	-0.76	19.13	38.5	Pass
Band5	5	836.5	QPSK	12	LOW	22.03	27.86	5.83	13	-0.76	19.12	38.5	Pass
Band5	5	836.5	QPSK	12	MID	22.03	27.84	5.81	13	-0.76	19.12	38.5	Pass
Band5	5	836.5	QPSK	12	HIGH	21.93	27.87	5.94	13	-0.76	19.02	38.5	Pass
Band5	5	836.5	QPSK	1	LOW	23.08	27.89	4.81	13	-0.76	20.17	38.5	Pass
Band5	5	836.5	QPSK	1	MID	23.22	27.45	4.23	13	-0.76	20.31	38.5	Pass
Band5	5	836.5	QPSK	1	HIGH	23.2	27.54	4.34	13	-0.76	20.29	38.5	Pass
Band5	5	836.5	16QAM	25	LOW	21.29	28.59	7.3	13	-0.76	18.38	38.5	Pass
Band5	5	836.5	16QAM	12	LOW	21	27.37	6.37	13	-0.76	18.09	38.5	Pass
Band5	5	836.5	16QAM	12	MID	21.02	27.39	6.37	13	-0.76	18.11	38.5	Pass
Band5	5	836.5	16QAM	12	HIGH	21.36	27.51	6.15	13	-0.76	18.45	38.5	Pass
Band5	5	836.5	16QAM	1	LOW	22.15	27.32	5.17	13	-0.76	19.24	38.5	Pass
Band5	5	836.5	16QAM	1	MID	22.25	27.35	5.1	13	-0.76	19.34	38.5	Pass
Band5	5	836.5	16QAM	1	HIGH	22.43	27.5	5.07	13	-0.76	19.52	38.5	Pass
Band5	5	846.5	QPSK	25	LOW	22.05	27.78	5.73	13	-0.76	19.14	38.5	Pass
Band5	5	846.5	QPSK	12	LOW	22.16	27.35	5.19	13	-0.76	19.25	38.5	Pass
Band5	5	846.5	QPSK	12	MID	22.16	28.3	6.14	13	-0.76	19.25	38.5	Pass
Band5	5	846.5	QPSK	12	HIGH	22.14	27.2	5.06	13	-0.76	19.23	38.5	Pass
Band5	5	846.5	QPSK	1	LOW	23.21	27.58	4.37	13	-0.76	20.3	38.5	Pass
Band5	5	846.5	QPSK	1	MID	23.02	27.31	4.29	13	-0.76	20.11	38.5	Pass
Band5	5	846.5	QPSK	1	HIGH	23.08	27.02	3.94	13	-0.76	20.17	38.5	Pass
Band5	5	846.5	16QAM	25	LOW	21.23	28.11	6.88	13	-0.76	18.32	38.5	Pass
Band5	5	846.5	16QAM	12	LOW	21.31	27.55	6.24	13	-0.76	18.4	38.5	Pass
Band5	5	846.5	16QAM	12	MID	21.31	27.54	6.23	13	-0.76	18.4	38.5	Pass
Band5	5	846.5	16QAM	12	HIGH	20.92	27.14	6.22	13	-0.76	18.01	38.5	Pass
Band5	5	846.5	16QAM	1	LOW	21.75	27.41	5.66	13	-0.76	18.84	38.5	Pass
Band5	5	846.5	16QAM	1	MID	21.77	27.17	5.4	13	-0.76	18.86	38.5	Pass
Band5	5	846.5	16QAM	1	HIGH	21.59	27.15	5.56	13	-0.76	18.68	38.5	Pass
Band5	10	829	QPSK	50	LOW	22.04	28.05	6.01	13	-0.76	19.13	38.5	Pass
Band5	10	829	QPSK	25	LOW	21.88	27.65	5.77	13	-0.76	18.97	38.5	Pass
Band5	10	829	QPSK	25	MID	21.88	27.63	5.75	13	-0.76	18.97	38.5	Pass
Band5	10	829	QPSK	25	HIGH	21.94	27.81	5.87	13	-0.76	19.03	38.5	Pass
Band5	10	829	QPSK	1	LOW	23.01	27.33	4.32	13	-0.76	20.1	38.5	Pass
Band5	10	829	QPSK	1	MID	23	27.4	4.4	13	-0.76	20.09	38.5	Pass

Band5	10	829	QPSK	1	HIGH	23.07	27.36	4.29	13	-0.76	20.16	38.5	Pass
Band5	10	829	16QAM	50	LOW	21.37	28.55	7.18	13	-0.76	18.46	38.5	Pass
Band5	10	829	16QAM	25	LOW	21.18	27.78	6.6	13	-0.76	18.27	38.5	Pass
Band5	10	829	16QAM	25	MID	21.18	27.8	6.62	13	-0.76	18.27	38.5	Pass
Band5	10	829	16QAM	25	HIGH	21.04	27.74	6.7	13	-0.76	18.13	38.5	Pass
Band5	10	829	16QAM	1	LOW	22.38	27.67	5.29	13	-0.76	19.47	38.5	Pass
Band5	10	829	16QAM	1	MID	22.31	27.8	5.49	13	-0.76	19.4	38.5	Pass
Band5	10	829	16QAM	1	HIGH	22.32	27.7	5.38	13	-0.76	19.41	38.5	Pass
Band5	10	836.5	QPSK	50	LOW	22.06	27.96	5.9	13	-0.76	19.15	38.5	Pass
Band5	10	836.5	QPSK	25	LOW	22.03	27.61	5.58	13	-0.76	19.12	38.5	Pass
Band5	10	836.5	QPSK	25	MID	22.03	27.57	5.54	13	-0.76	19.12	38.5	Pass
Band5	10	836.5	QPSK	25	HIGH	22.18	27.72	5.54	13	-0.76	19.27	38.5	Pass
Band5	10	836.5	QPSK	1	LOW	23.35	27.64	4.29	13	-0.76	20.44	38.5	Pass
Band5	10	836.5	QPSK	1	MID	23.19	27.53	4.34	13	-0.76	20.28	38.5	Pass
Band5	10	836.5	QPSK	1	HIGH	23.31	27.95	4.64	13	-0.76	20.4	38.5	Pass
Band5	10	836.5	16QAM	50	LOW	21.42	27.96	6.54	13	-0.76	18.51	38.5	Pass
Band5	10	836.5	16QAM	25	LOW	21.44	27.86	6.42	13	-0.76	18.53	38.5	Pass
Band5	10	836.5	16QAM	25	MID	21.29	27.93	6.64	13	-0.76	18.38	38.5	Pass
Band5	10	836.5	16QAM	25	HIGH	21.41	28.04	6.63	13	-0.76	18.5	38.5	Pass
Band5	10	836.5	16QAM	1	LOW	22.37	27.45	5.08	13	-0.76	19.46	38.5	Pass
Band5	10	836.5	16QAM	1	MID	22.33	26.83	4.5	13	-0.76	19.42	38.5	Pass
Band5	10	836.5	16QAM	1	HIGH	22.27	27.53	5.26	13	-0.76	19.36	38.5	Pass
Band5	10	844	QPSK	50	LOW	22.19	27.96	5.77	13	-0.76	19.28	38.5	Pass
Band5	10	844	QPSK	25	LOW	22.26	28.23	5.97	13	-0.76	19.35	38.5	Pass
Band5	10	844	QPSK	25	MID	22.16	28.07	5.91	13	-0.76	19.25	38.5	Pass
Band5	10	844	QPSK	25	HIGH	22.11	27.89	5.78	13	-0.76	19.2	38.5	Pass
Band5	10	844	QPSK	1	LOW	23.25	27.63	4.38	13	-0.76	20.34	38.5	Pass
Band5	10	844	QPSK	1	MID	23	27.47	4.47	13	-0.76	20.09	38.5	Pass
Band5	10	844	QPSK	1	HIGH	23.05	27.01	3.96	13	-0.76	20.14	38.5	Pass
Band5	10	844	16QAM	50	LOW	21.4	28.56	7.16	13	-0.76	18.49	38.5	Pass
Band5	10	844	16QAM	25	LOW	21.19	27.89	6.7	13	-0.76	18.28	38.5	Pass
Band5	10	844	16QAM	25	MID	21.21	27.87	6.66	13	-0.76	18.3	38.5	Pass
Band5	10	844	16QAM	25	HIGH	21.32	27.7	6.38	13	-0.76	18.41	38.5	Pass
Band5	10	844	16QAM	1	LOW	21.89	26.81	4.92	13	-0.76	18.98	38.5	Pass
Band5	10	844	16QAM	1	MID	22.11	26.95	4.84	13	-0.76	19.2	38.5	Pass
Band5	10	844	16QAM	1	HIGH	21.71	26.4	4.69	13	-0.76	18.8	38.5	Pass