

## RF Test Data for LTE (Conducted Measurement)

**Product Name: Mobile Phone**

**Trade Mark: KRONO**

**Test Model: NET**

**FCC ID: 2AU97-KR**

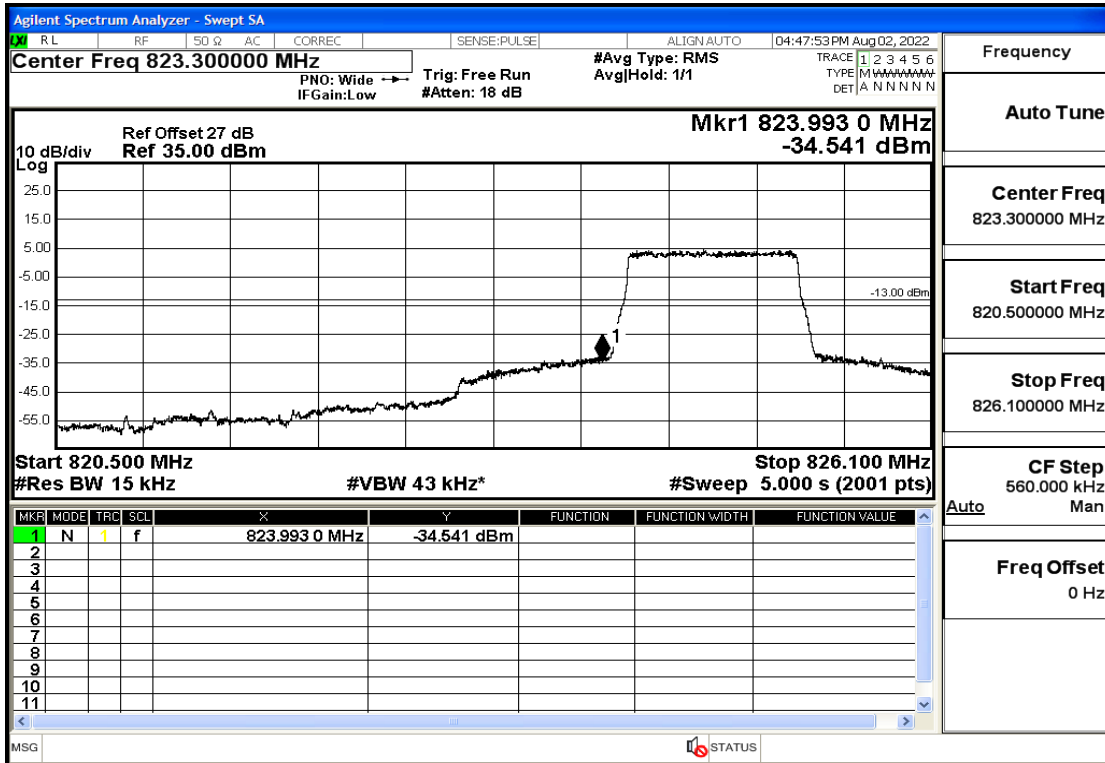
### Environmental Conditions

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

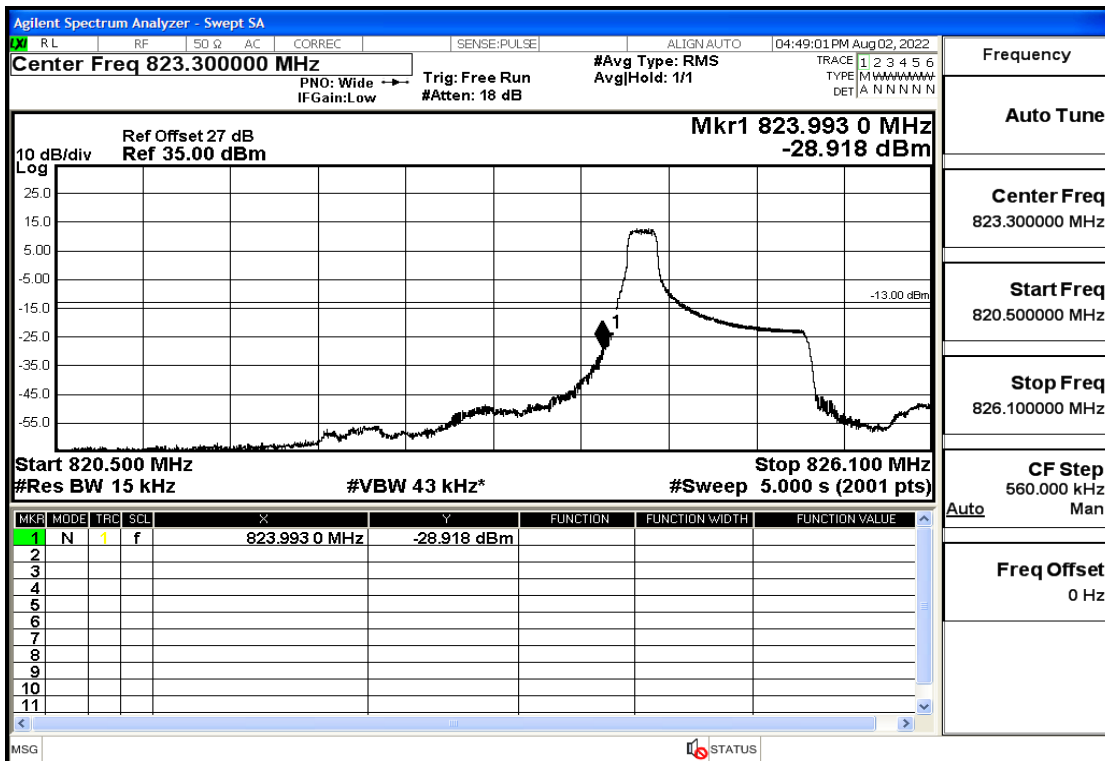
## Band Edge and Emission Mask

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

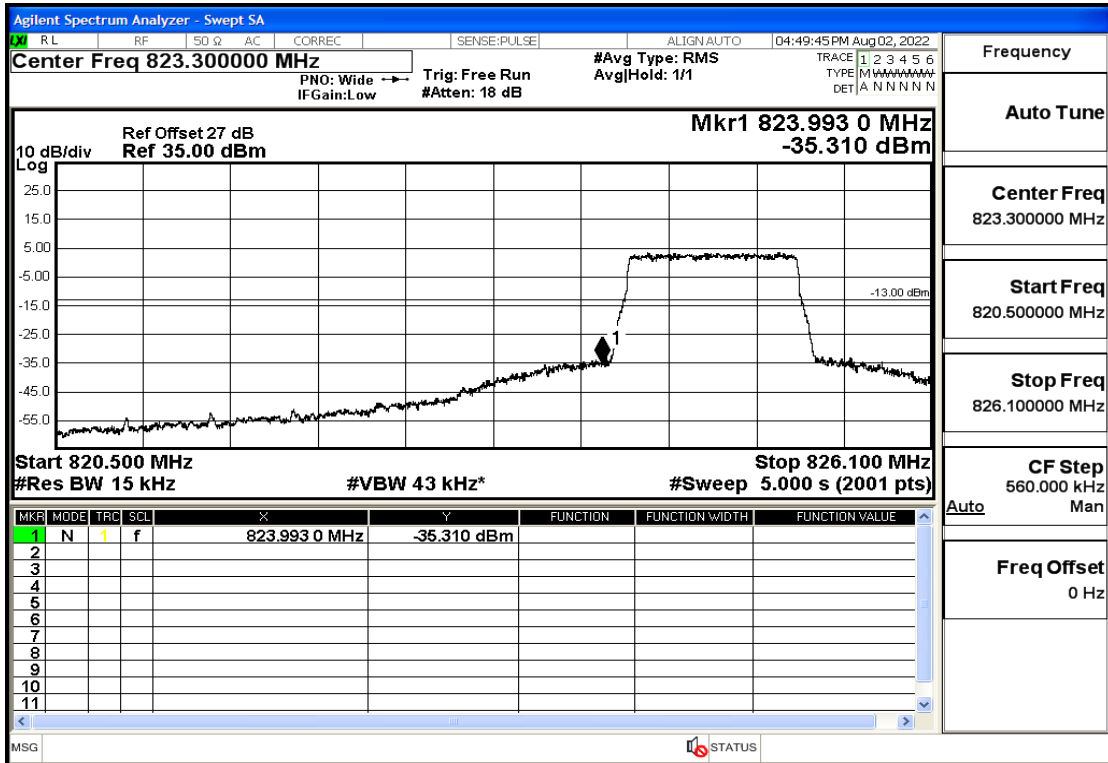
Band5-1.4-824.7-QPSK-6#LOW@Pass



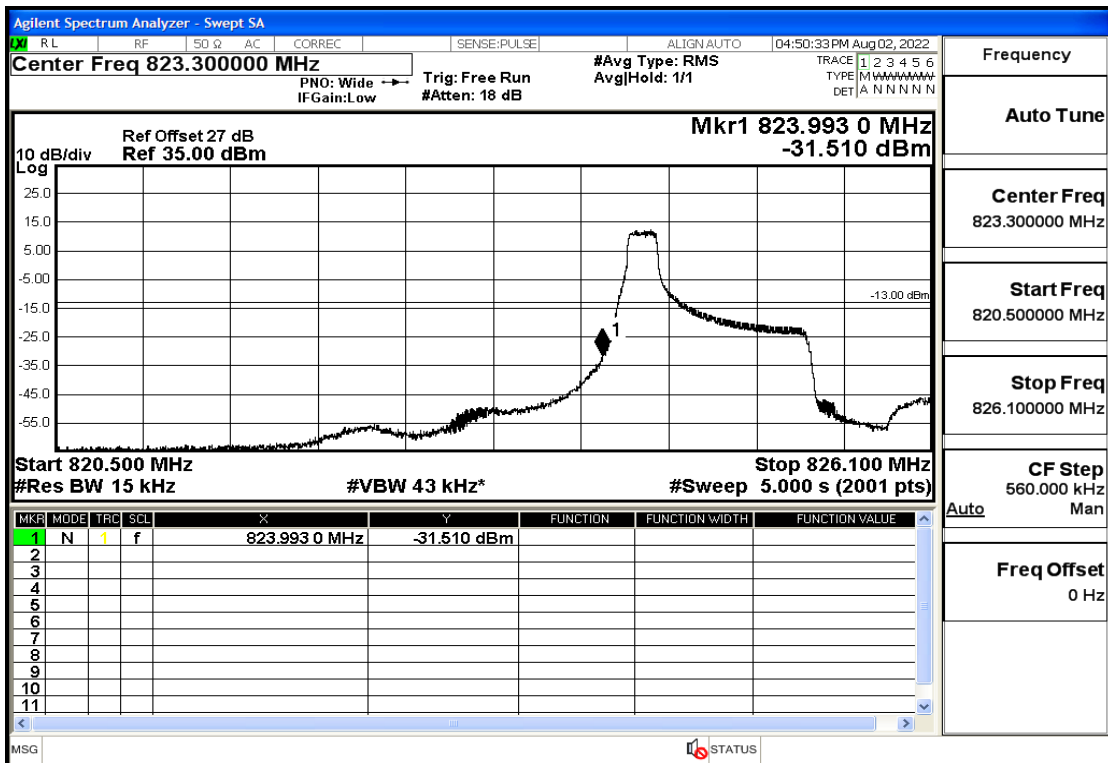
Band5-1.4-824.7-QPSK-1#LOW@Pass



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

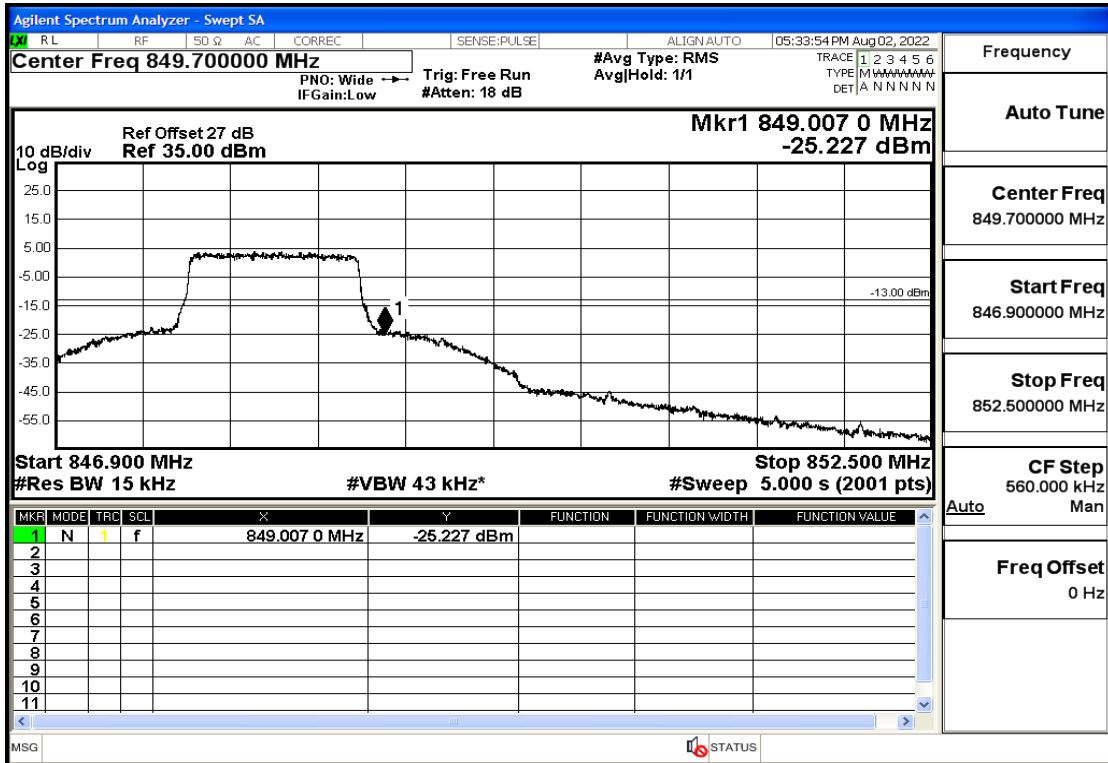


Band5-1.4-824.7-16QAM-1#LOW@Pass

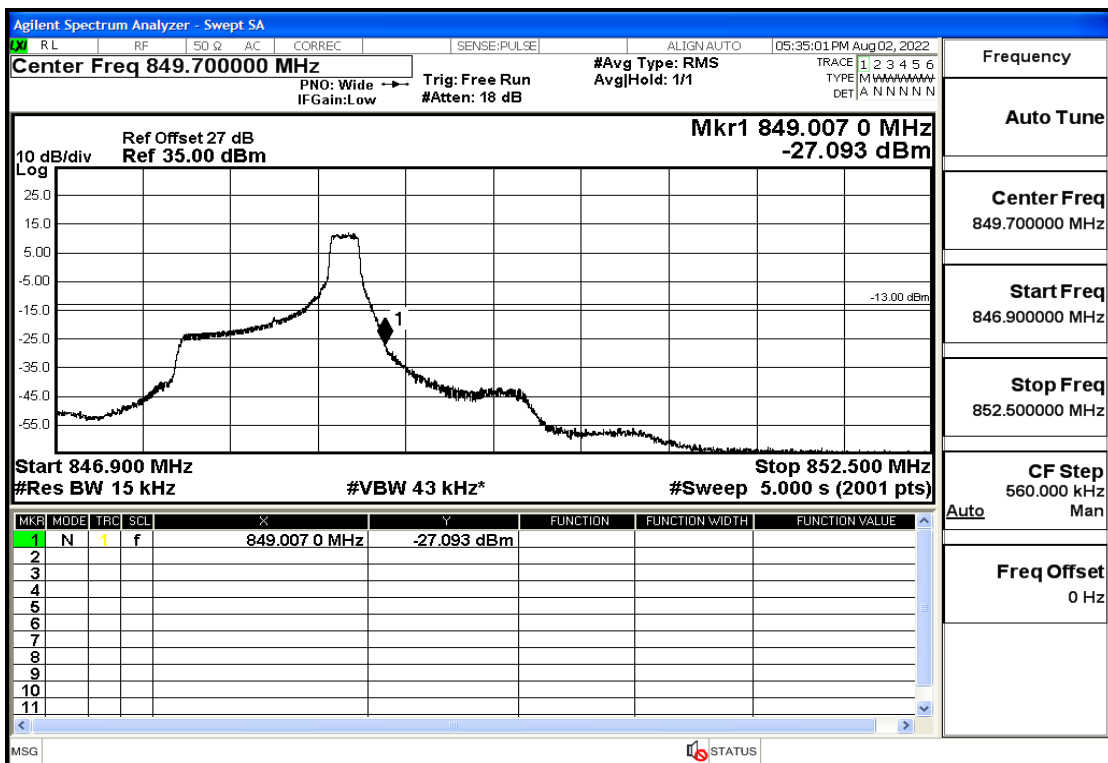




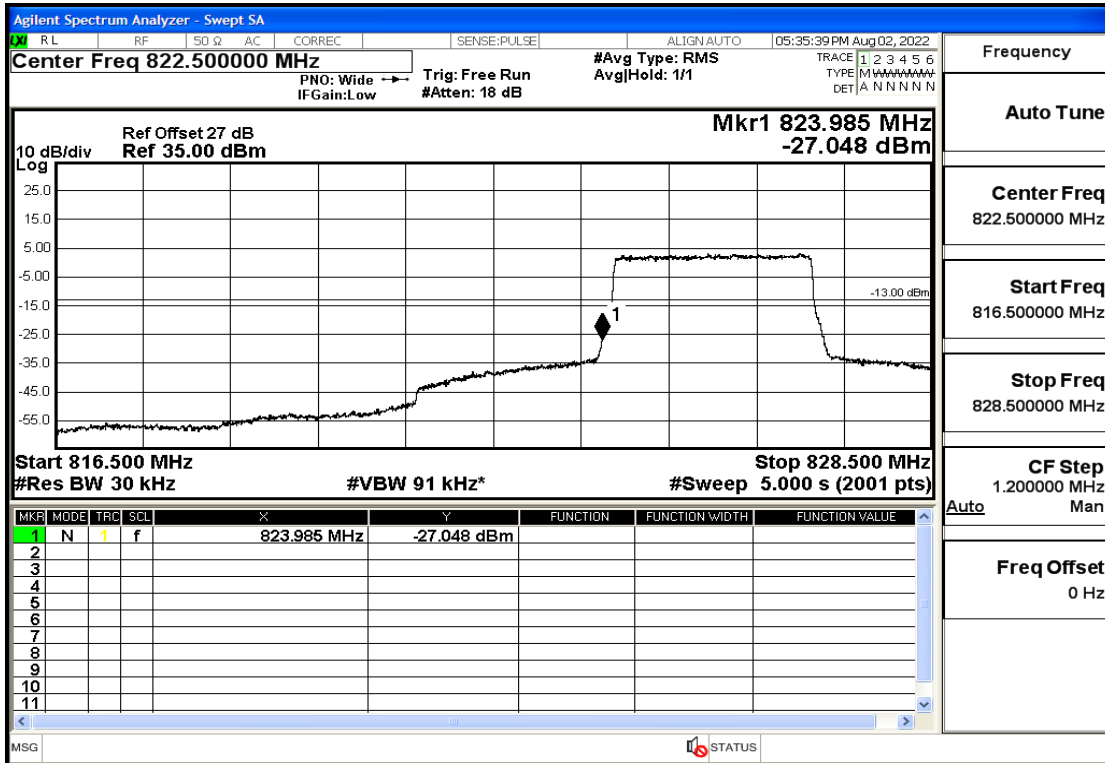
Band5-1.4-848.3-16QAM-6#LOW@Pass



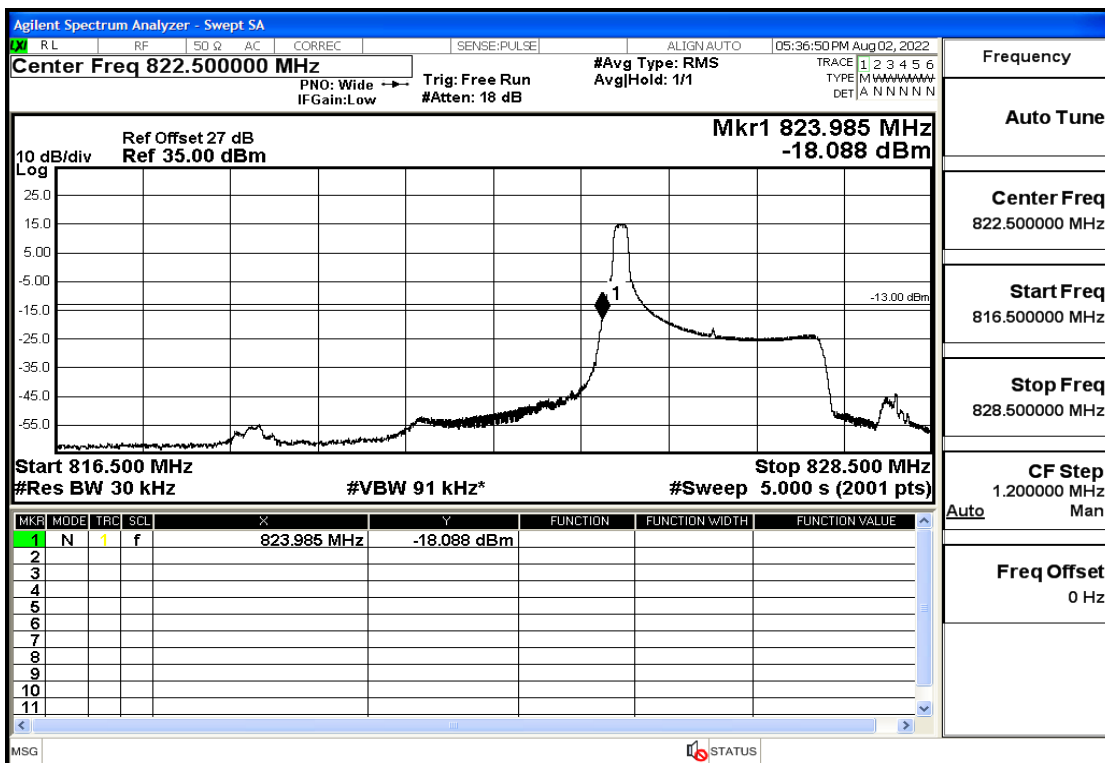
Band5-1.4-848.3-16QAM-1#HIGH@Pass



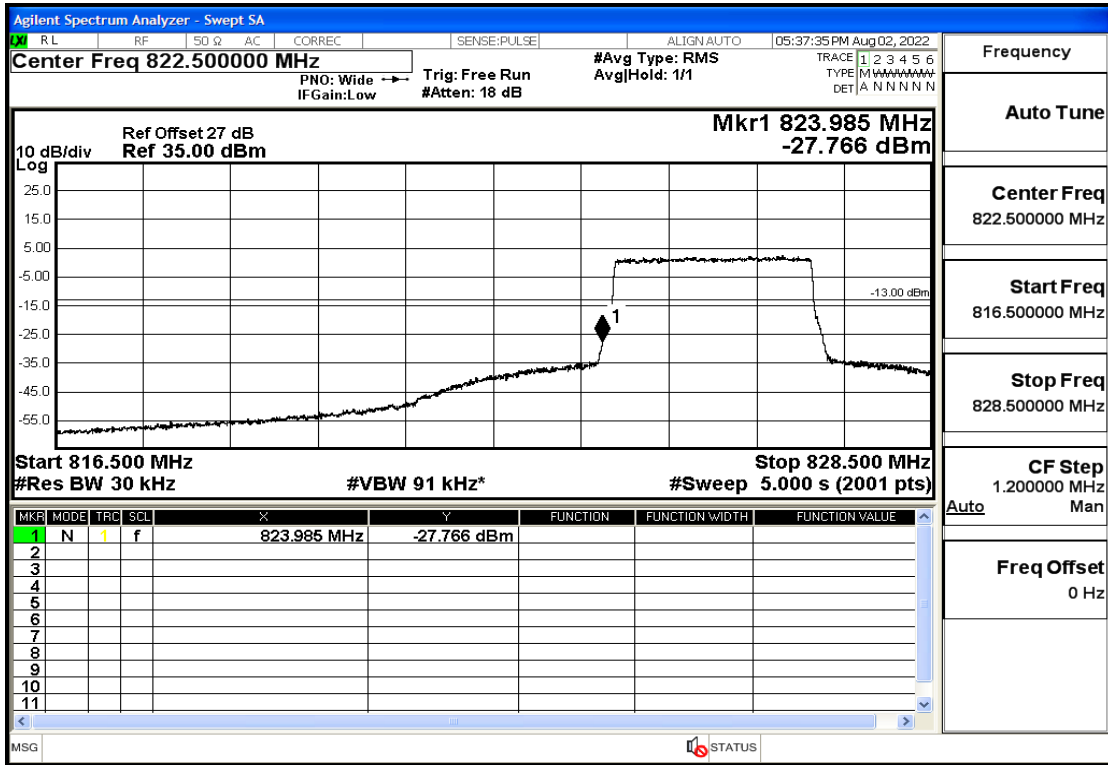
Band5-3-825.5-QPSK-15#LOW@Pass



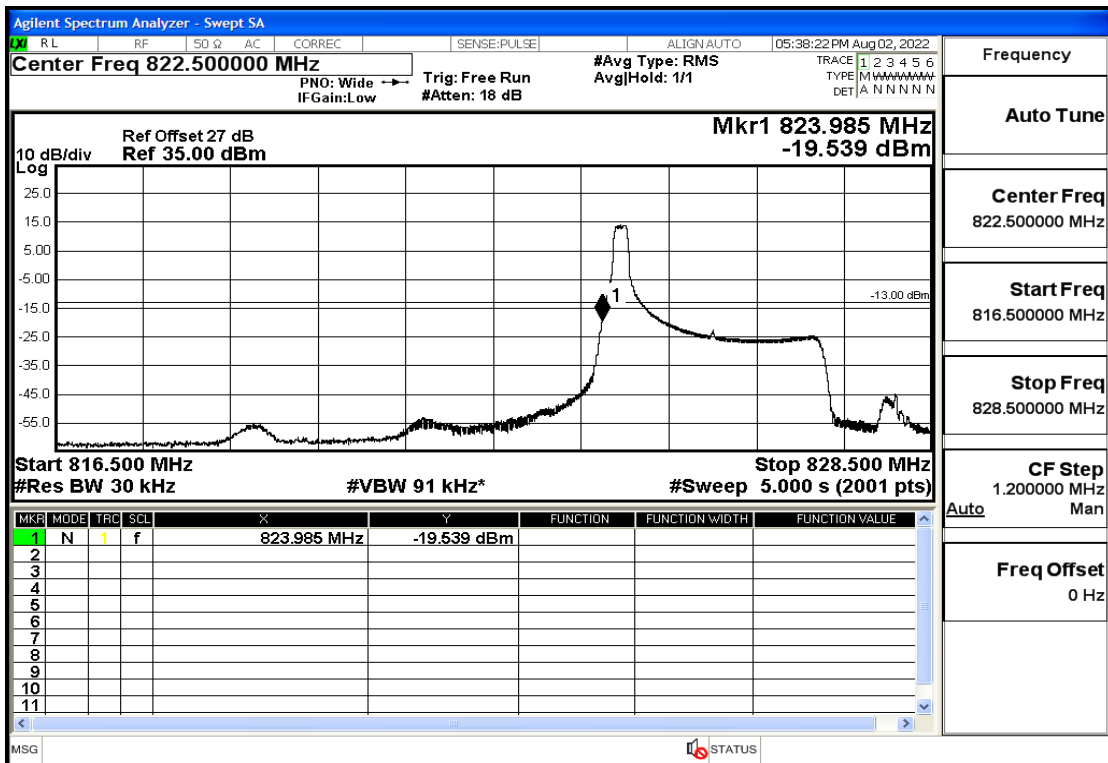
Band5-3-825.5-QPSK-1#LOW@Pass



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

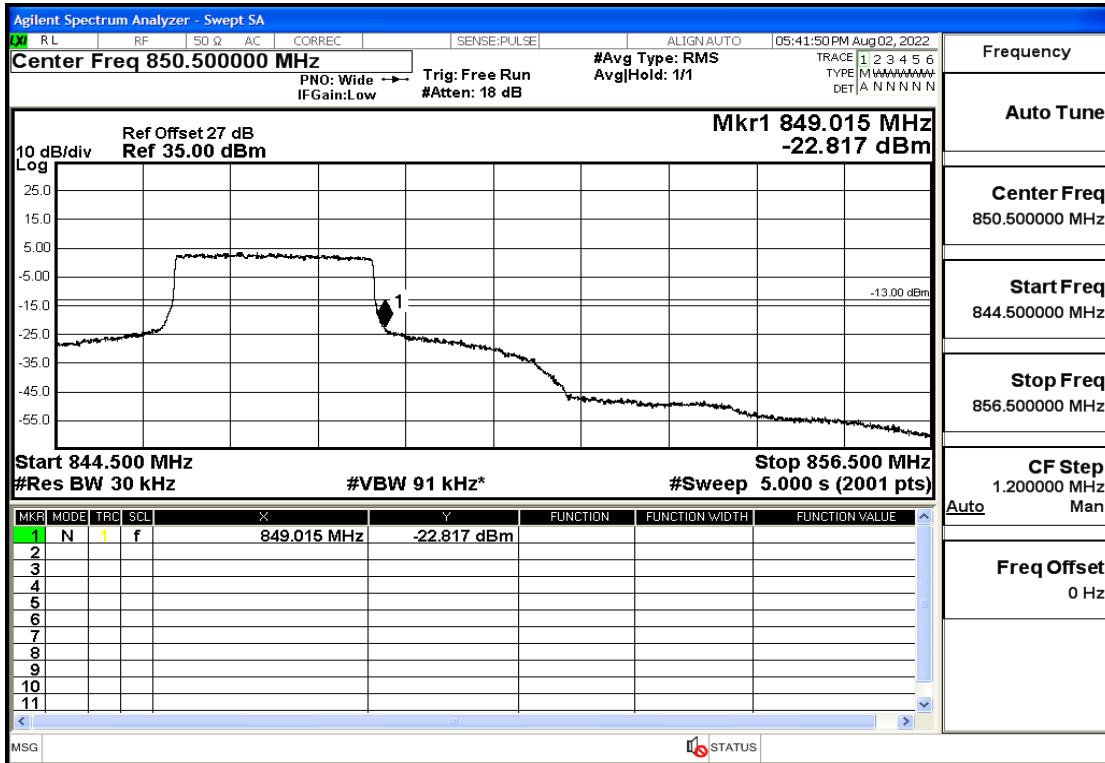


Band5-3-825.5-16QAM-1#LOW@Pass

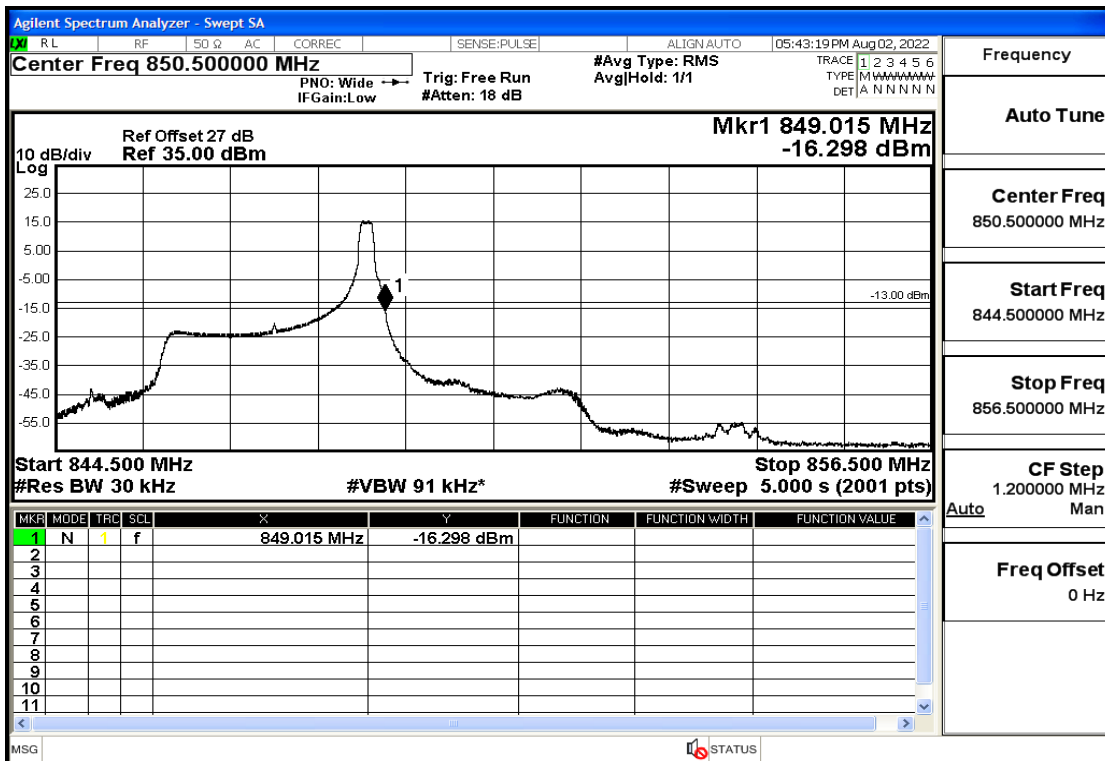




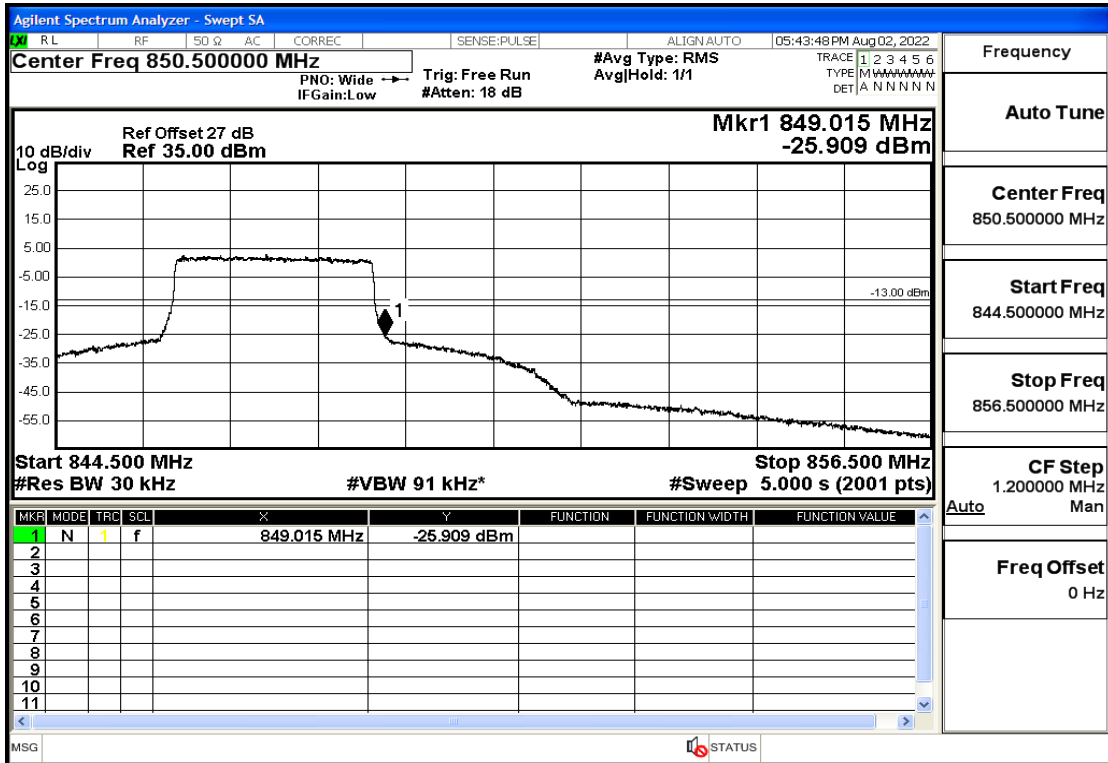
Band5-3-847.5-QPSK-15#LOW@Pass



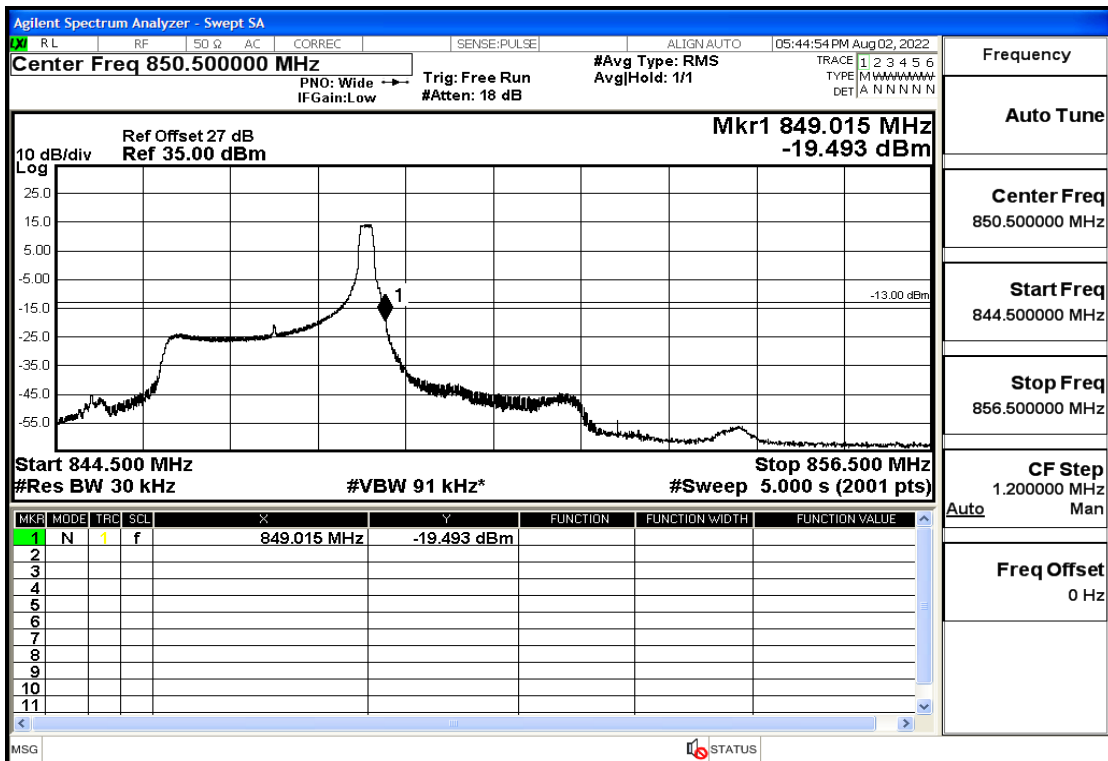
Band5-3-847.5-QPSK-1#HIGH@Pass



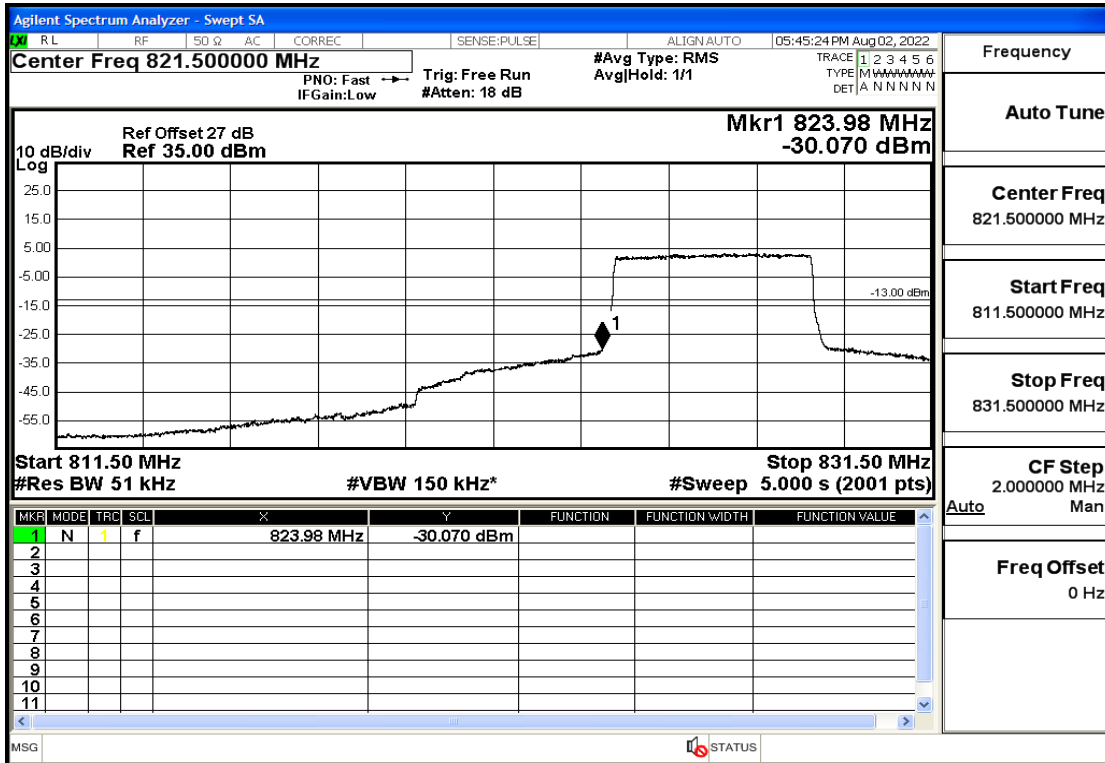
Band5-3-847.5-16QAM-15#LOW@Pass



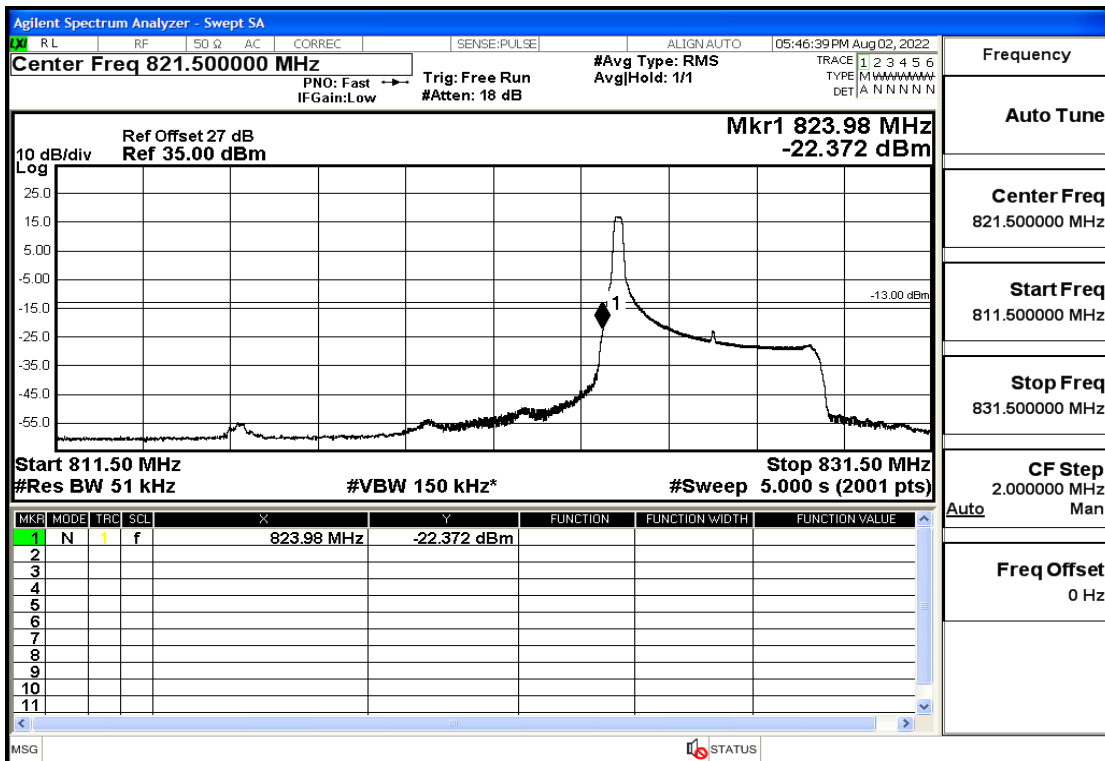
Band5-3-847.5-16QAM-1#HIGH@Pass



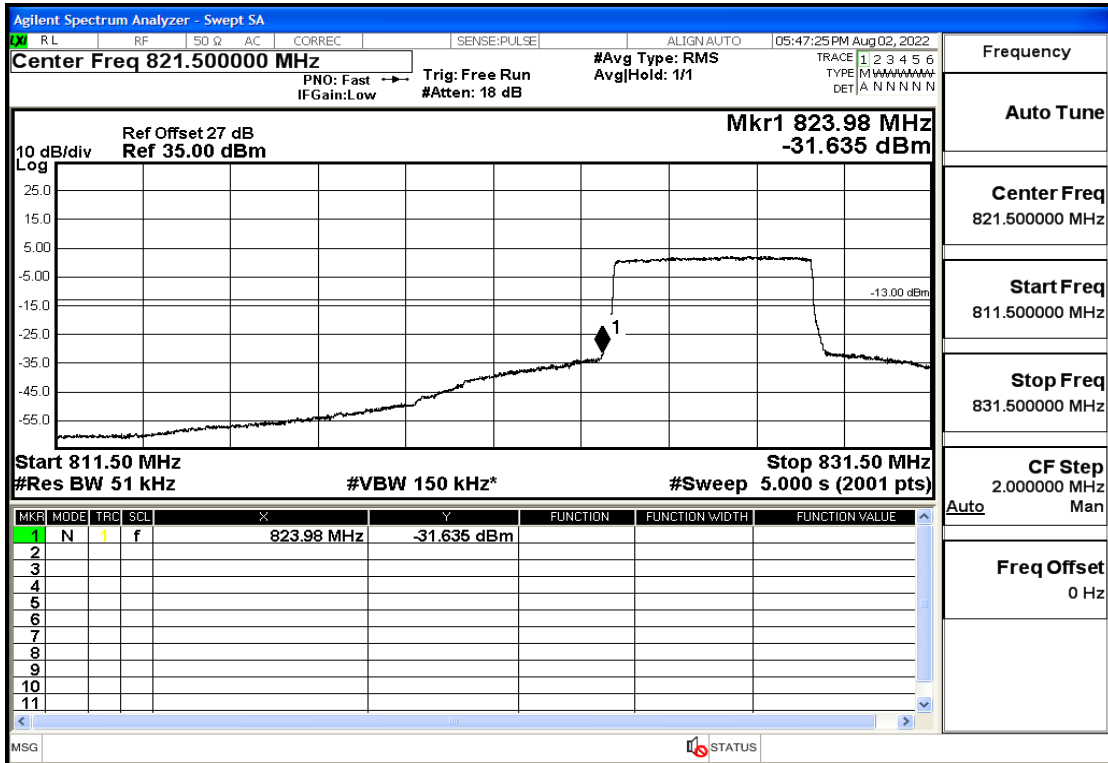
Band5-5-826.5-QPSK-25#LOW@Pass



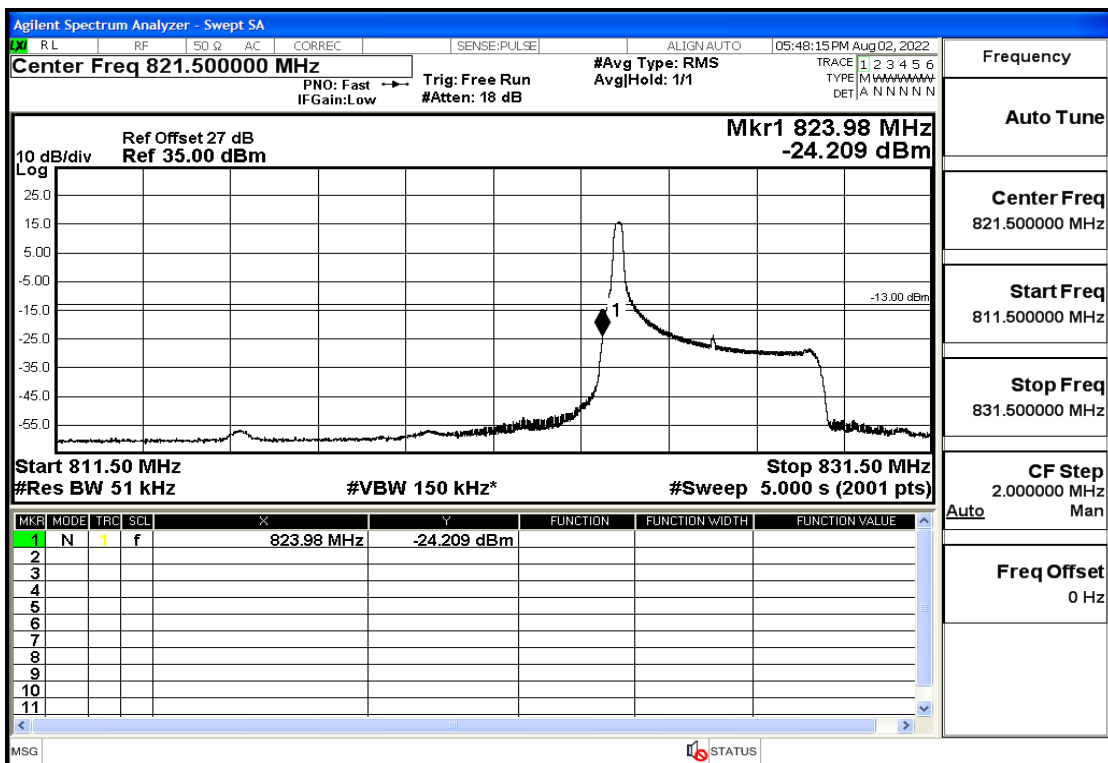
Band5-5-826.5-QPSK-1#LOW@Pass



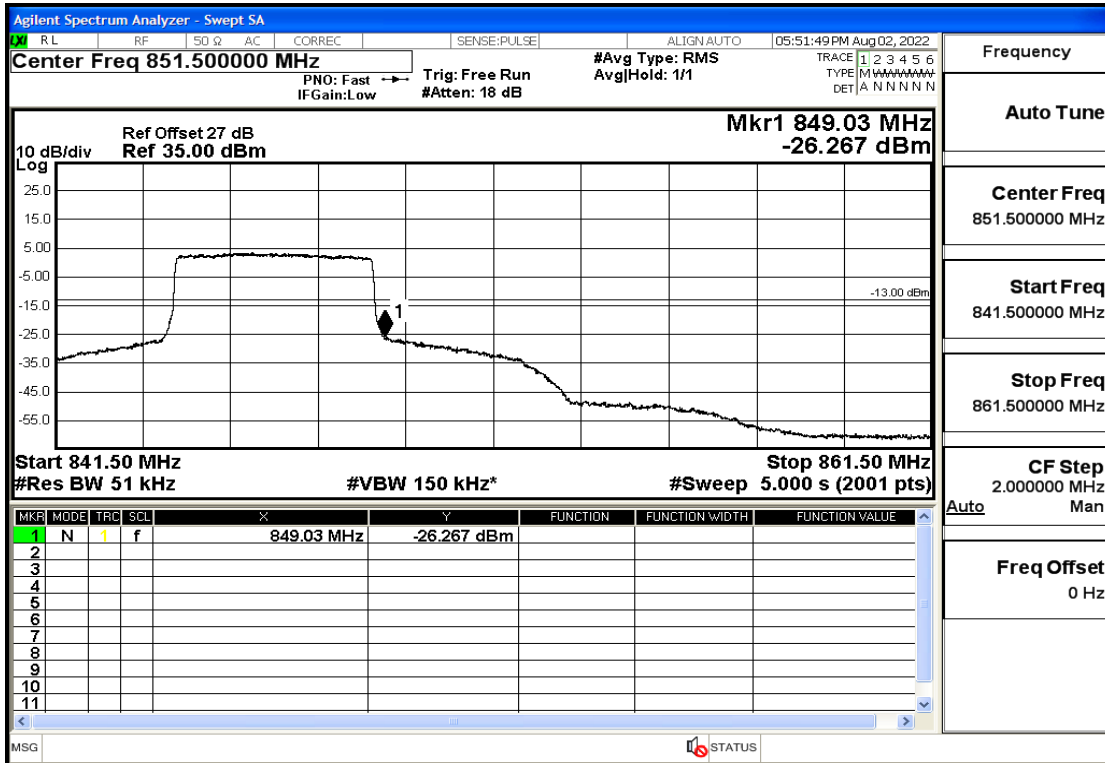
Band5-5-826.5-16QAM-25#LOW@Pass



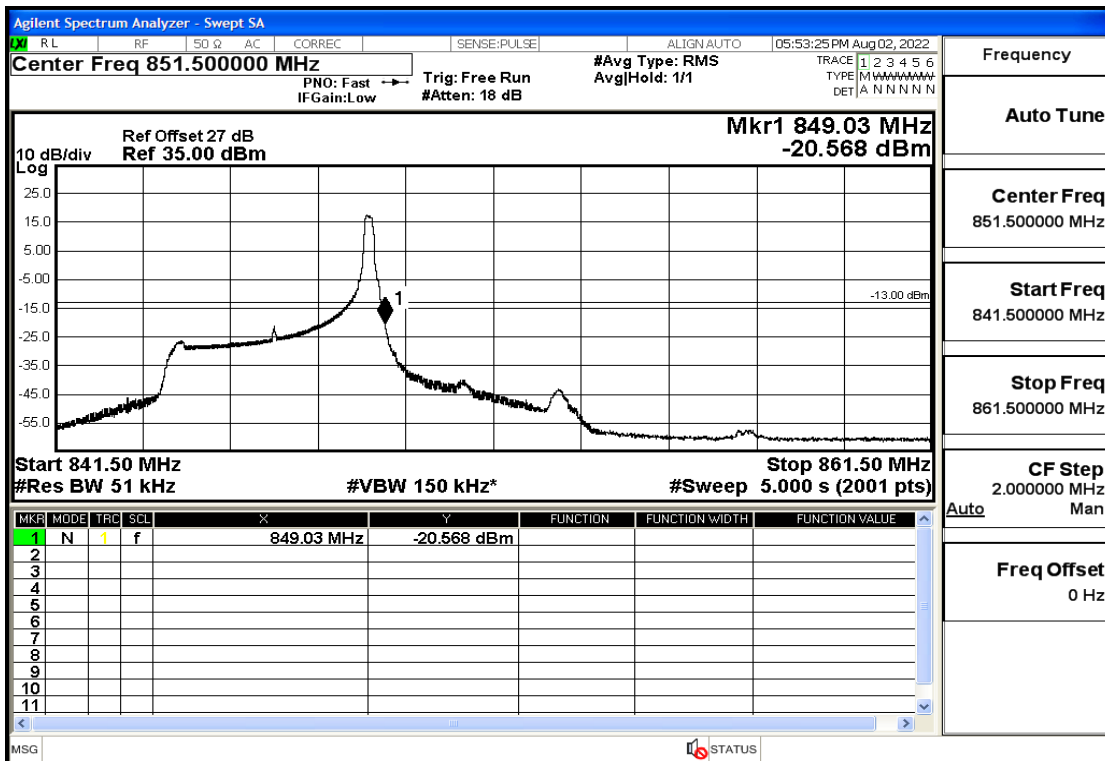
Band5-5-826.5-16QAM-1#LOW@Pass



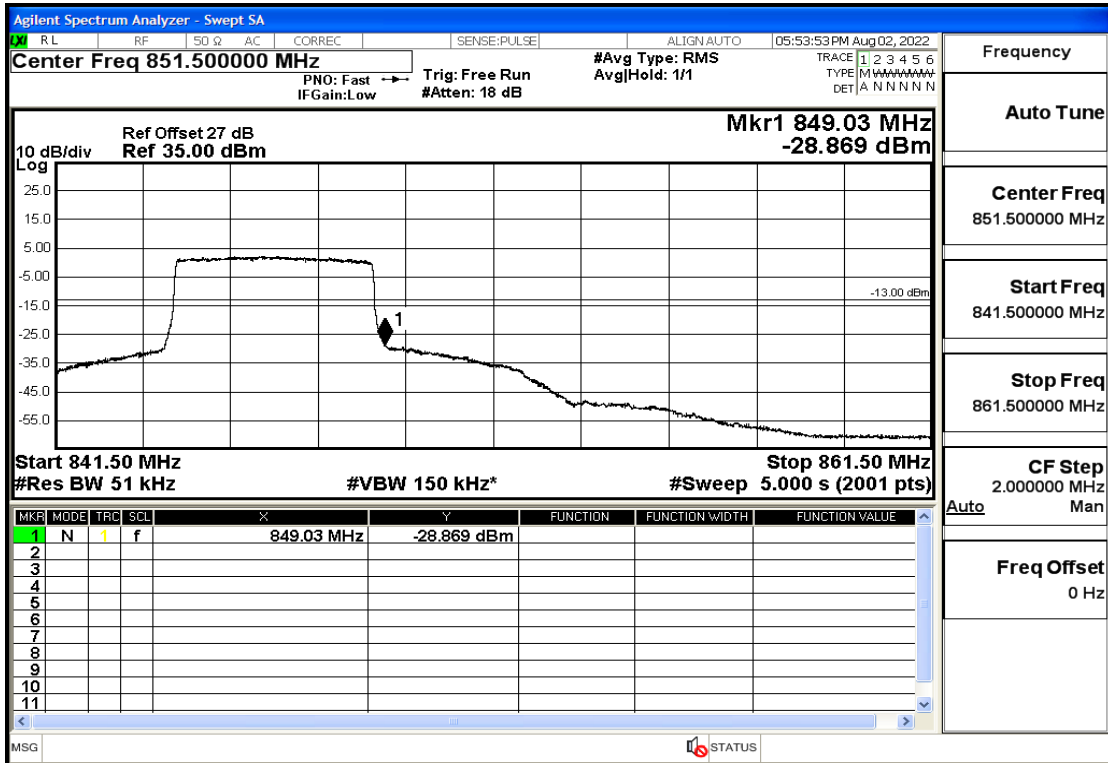
Band5-5-846.5-QPSK-25#LOW@Pass



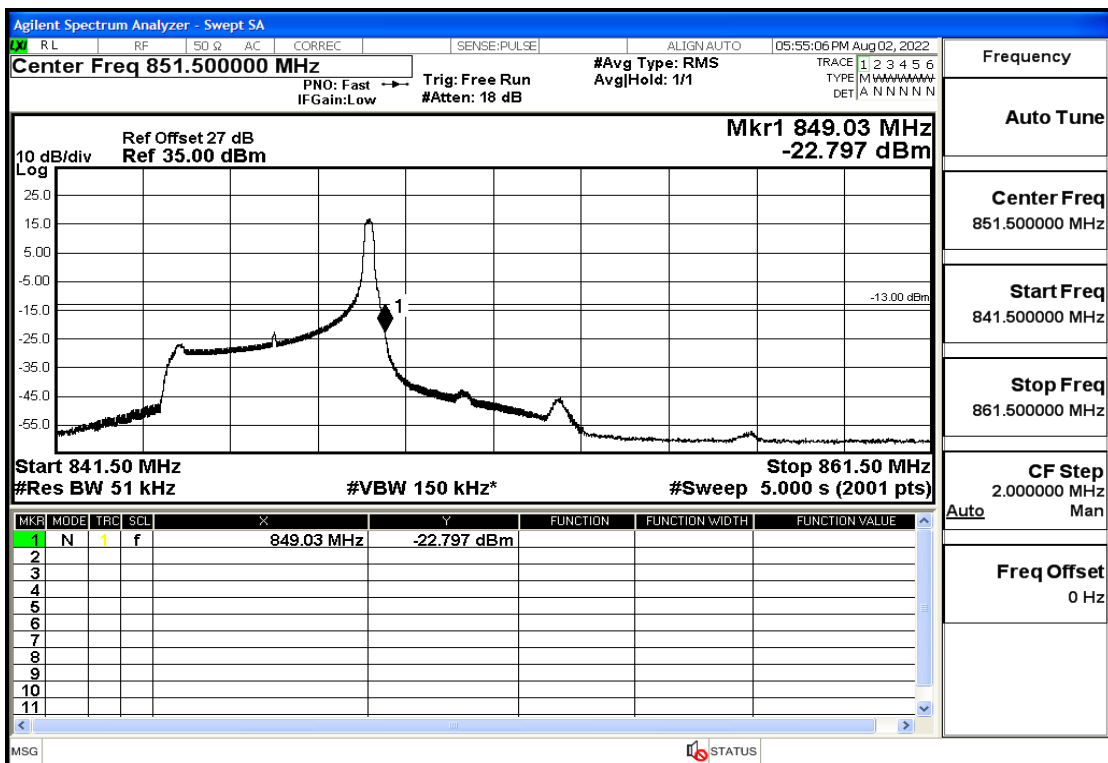
Band5-5-846.5-QPSK-1#HIGH@Pass



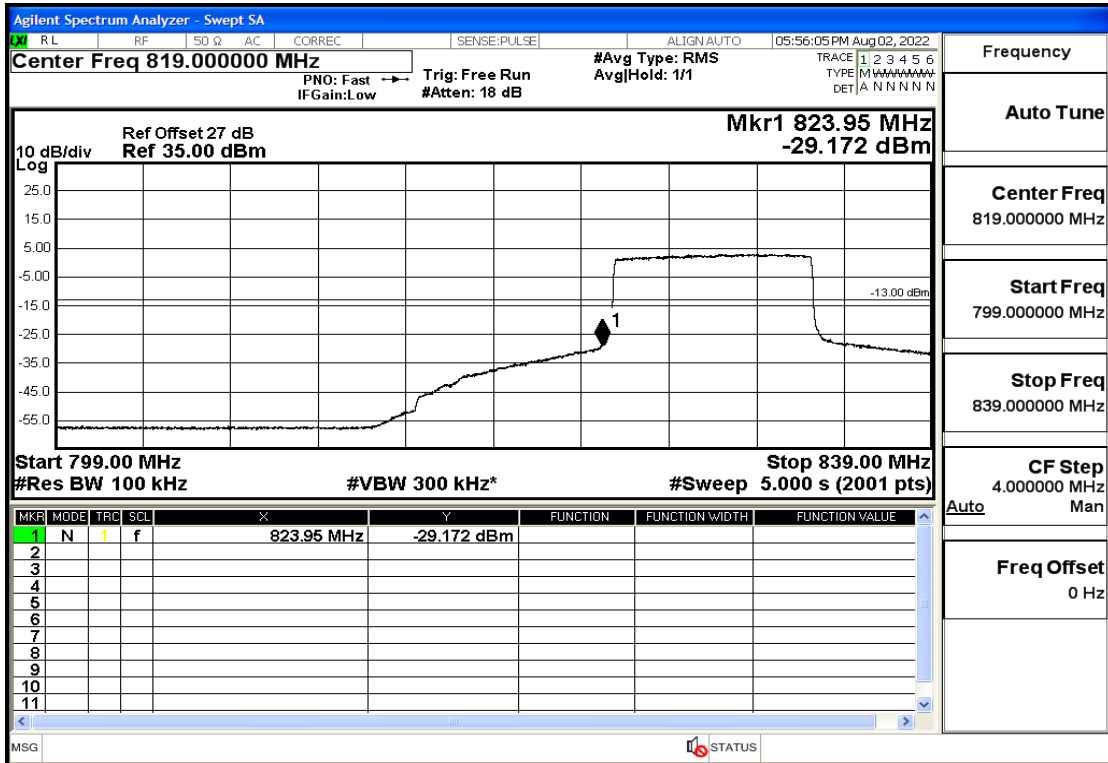
Band5-5-846.5-16QAM-25#LOW@Pass



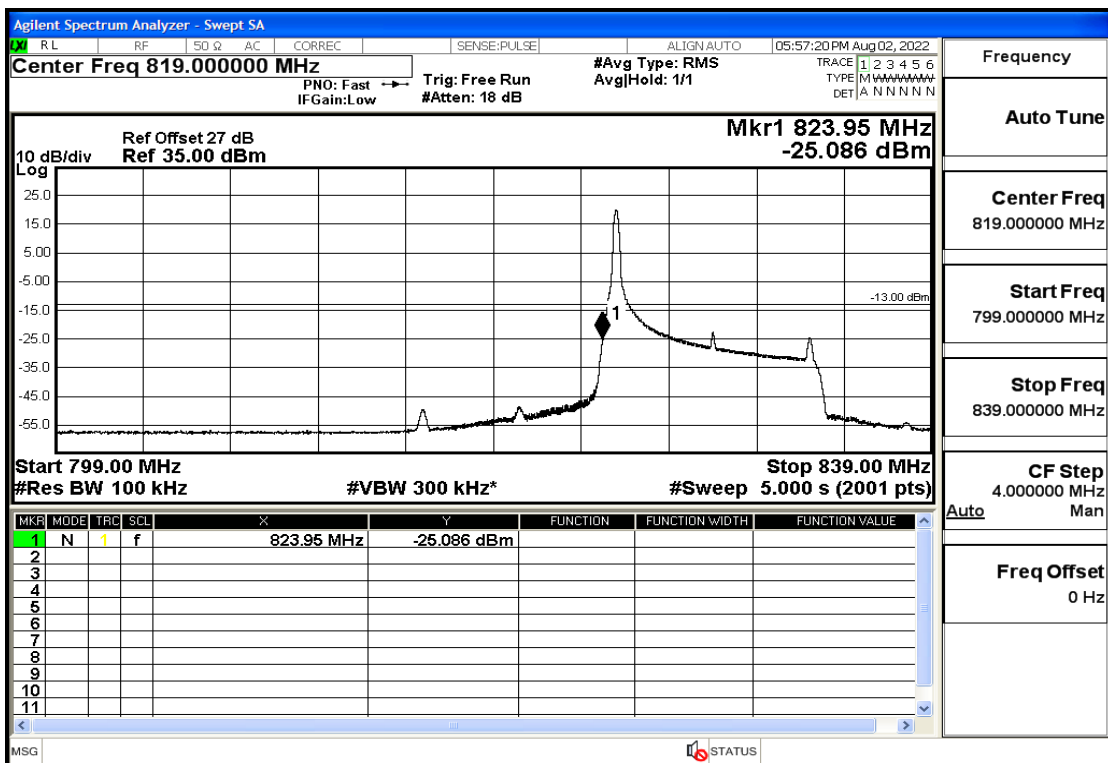
Band5-5-846.5-16QAM-1#HIGH@Pass



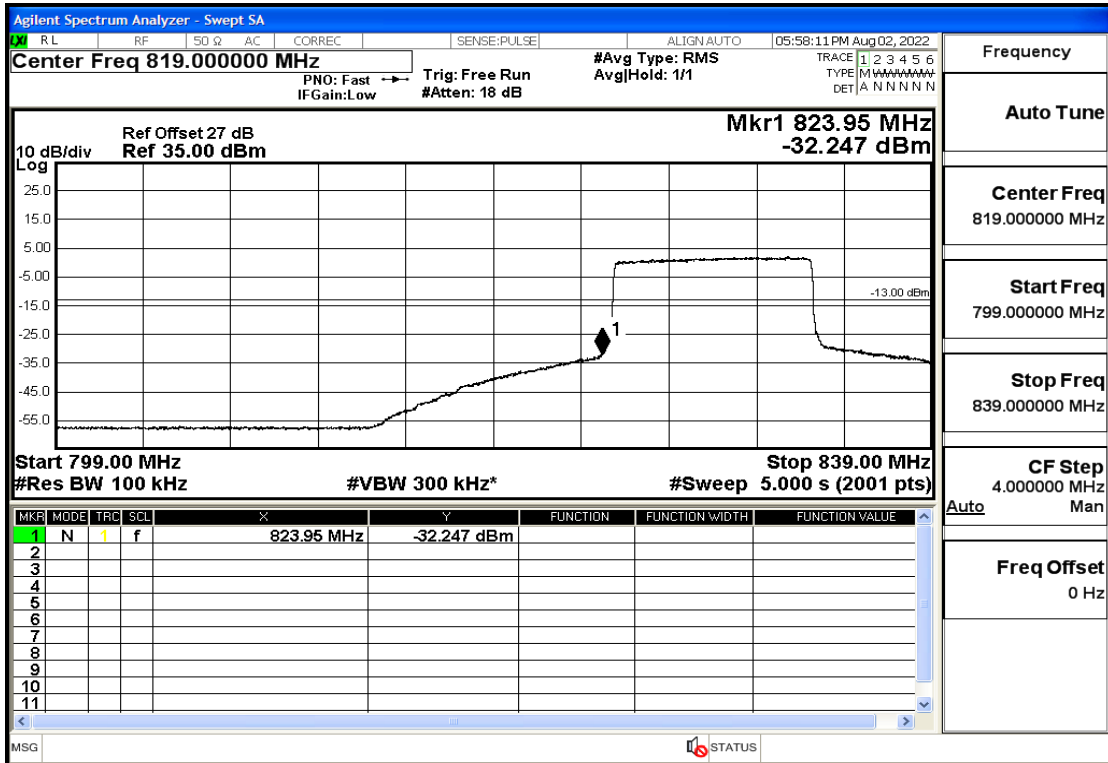
Band5-10-829-QPSK-50#LOW@Pass



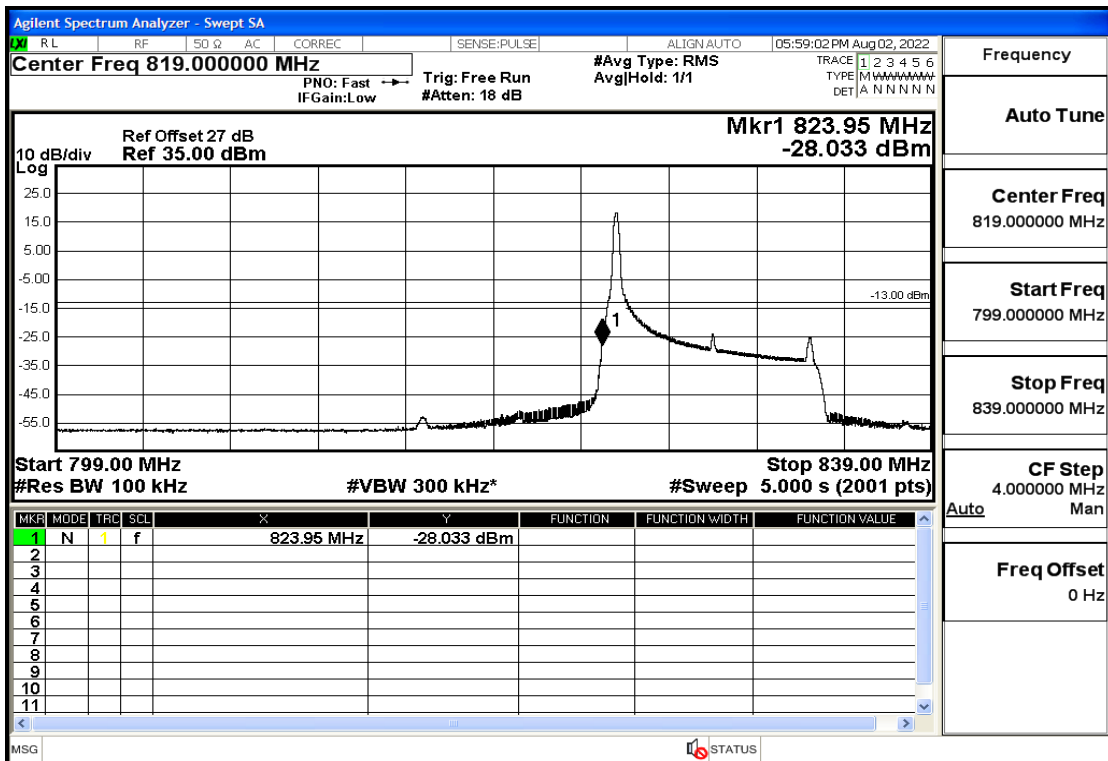
Band5-10-829-QPSK-1#LOW@Pass



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

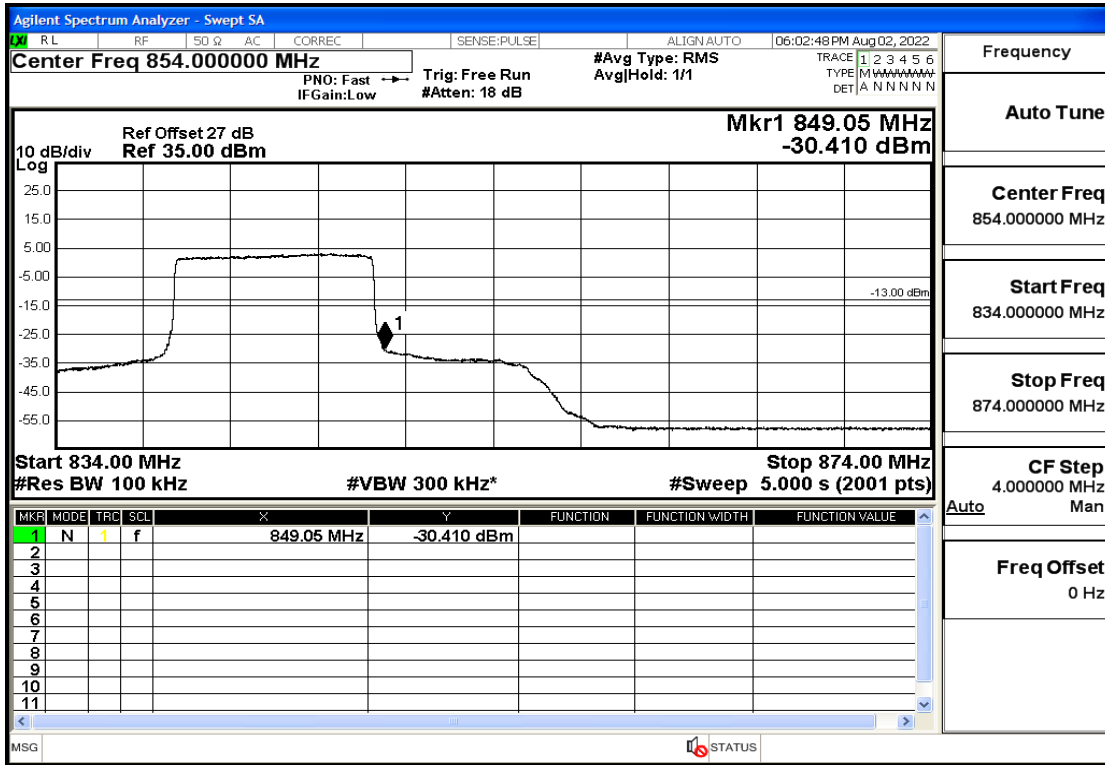


Band5-10-829-16QAM-1#LOW@Pass

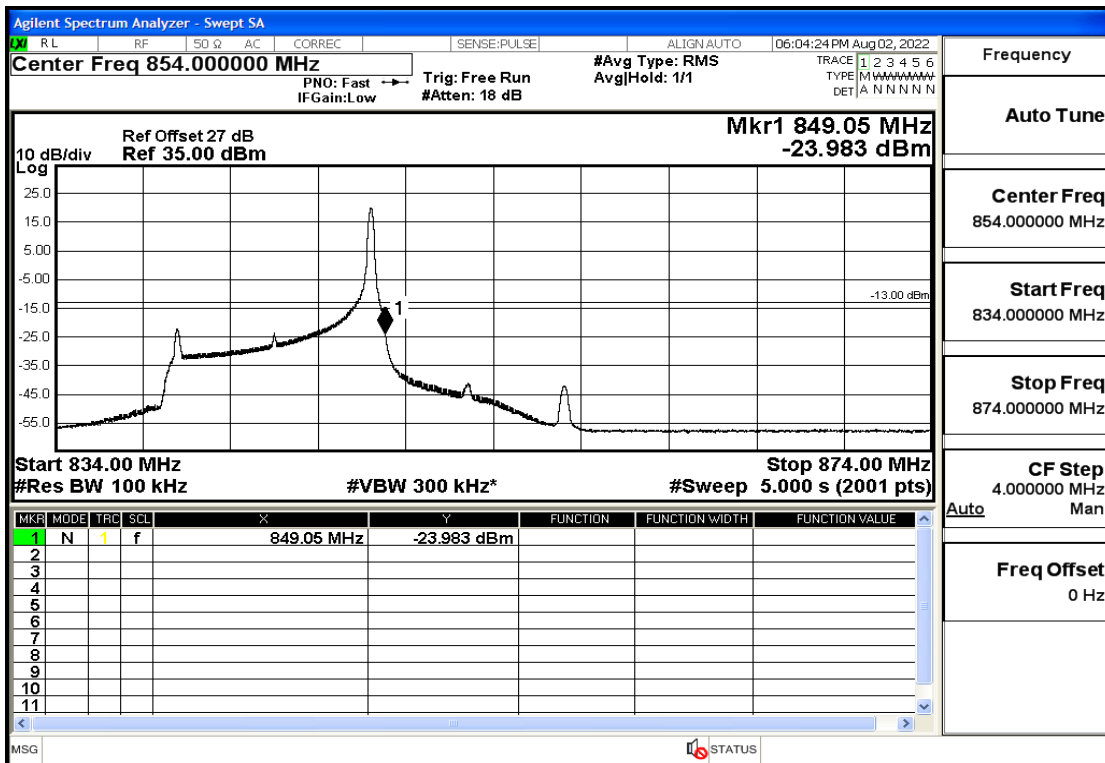




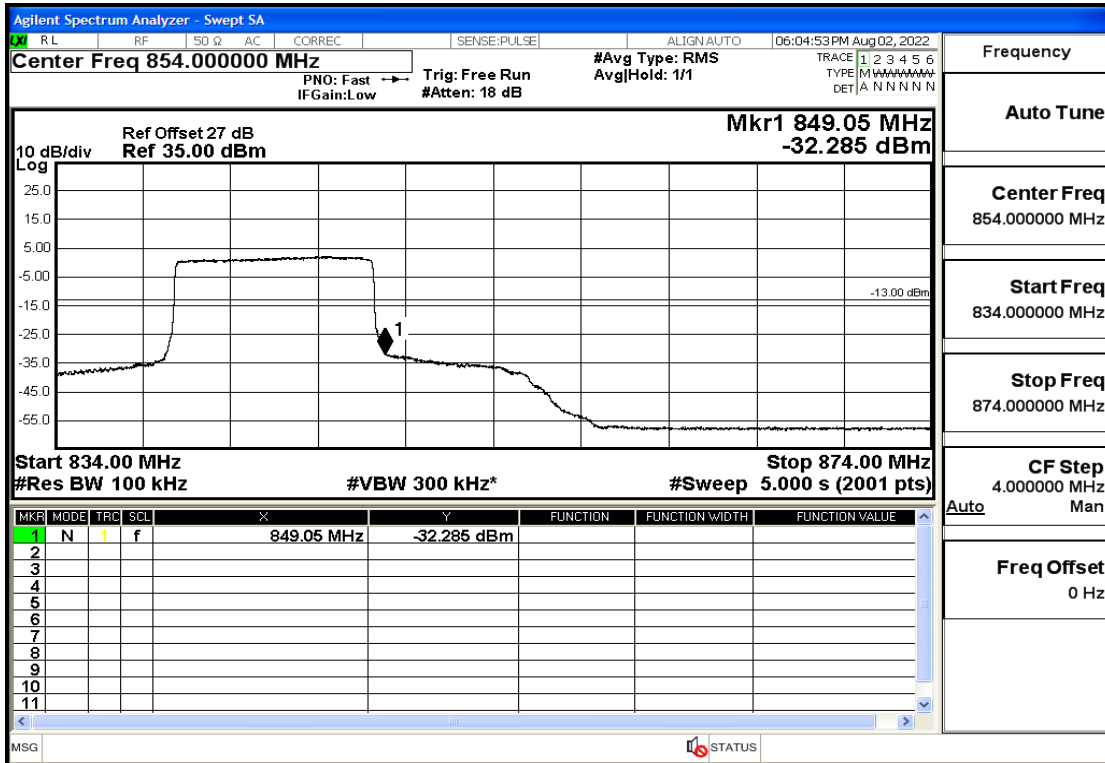
Band5-10-844-QPSK-50#LOW@Pass



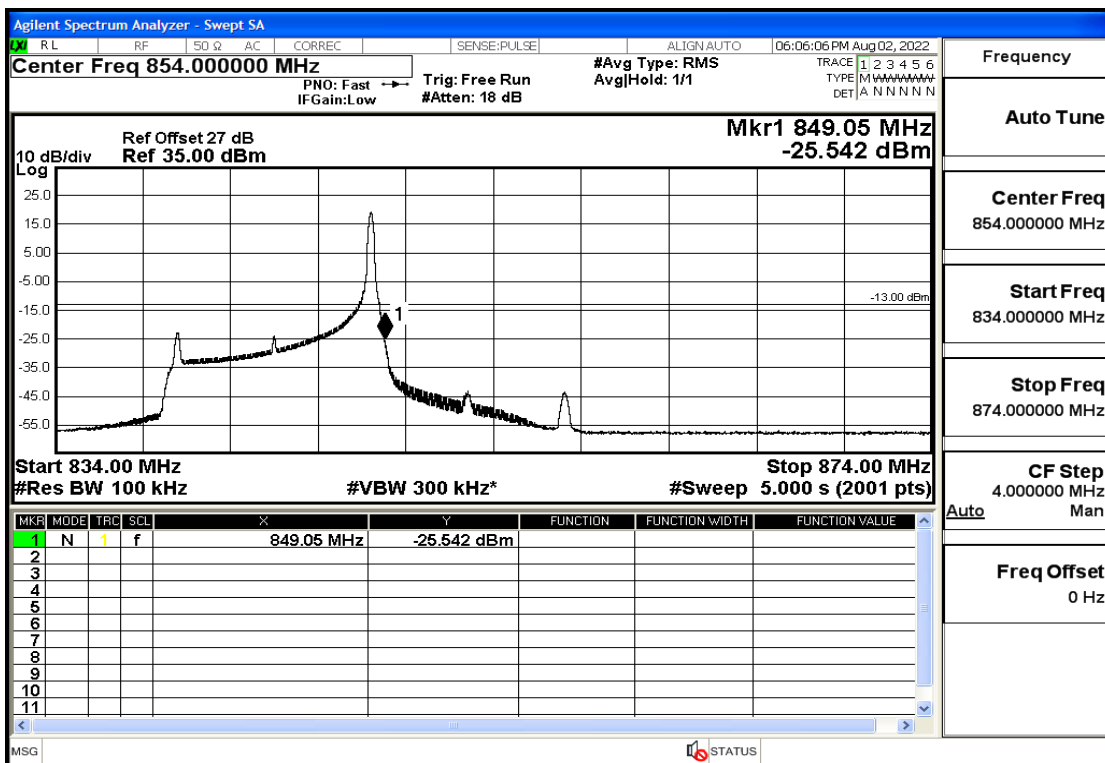
Band5-10-844-QPSK-1#HIGH@Pass



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



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

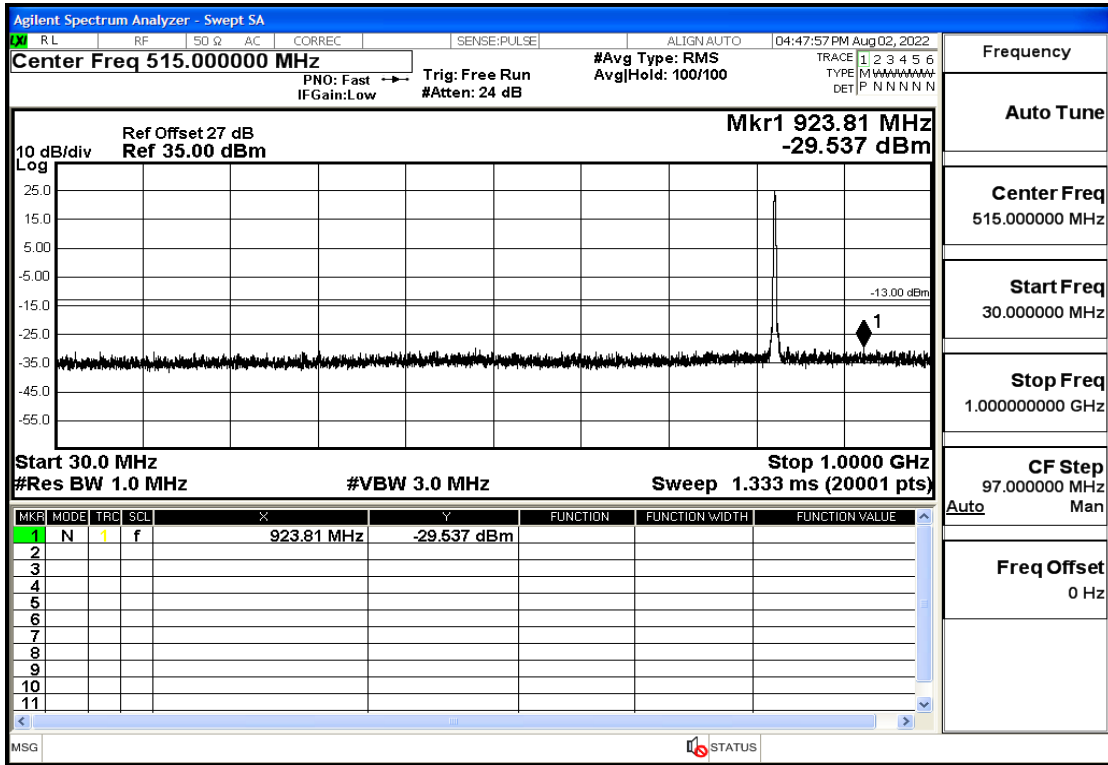


## Conducted Spurious Emission

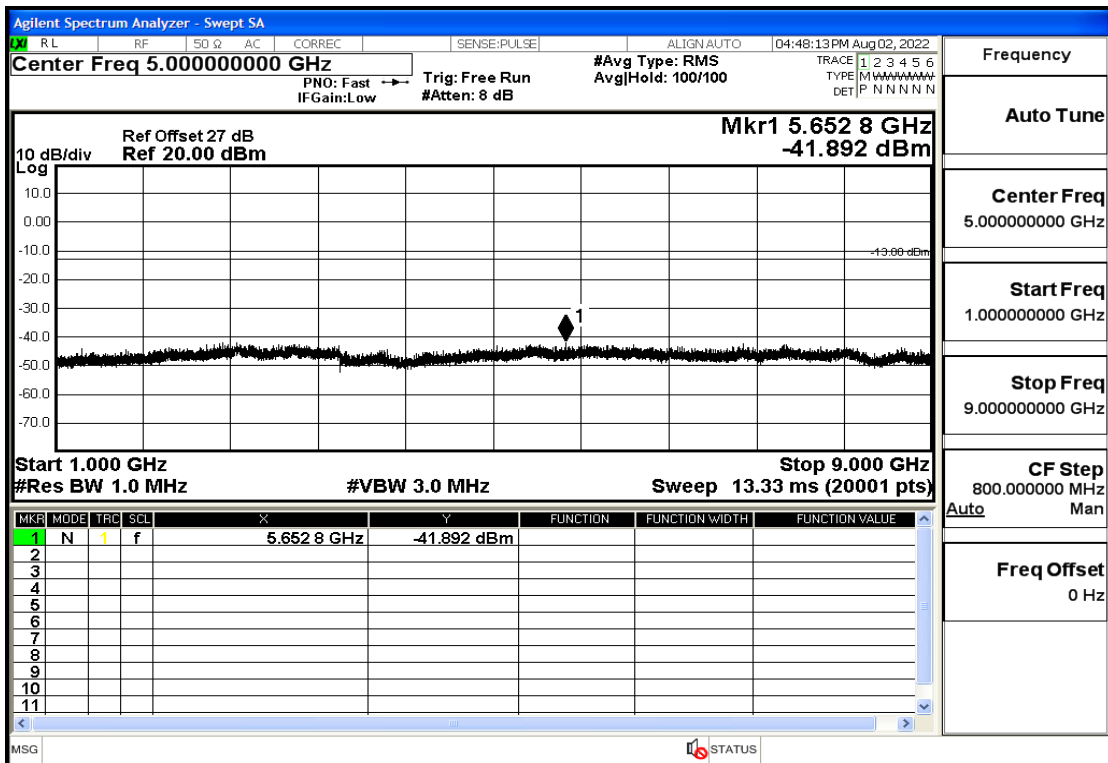
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB5	1.4	824.7	QPSK	6	LOW	30mHz-1GHz	Pass
OB5	1.4	824.7	QPSK	6	LOW	1GHz-9GHz	Pass
OB5	1.4	836.5	QPSK	6	LOW	30mHz-1GHz	Pass
OB5	1.4	836.5	QPSK	6	LOW	1GHz-9GHz	Pass
OB5	1.4	848.3	QPSK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

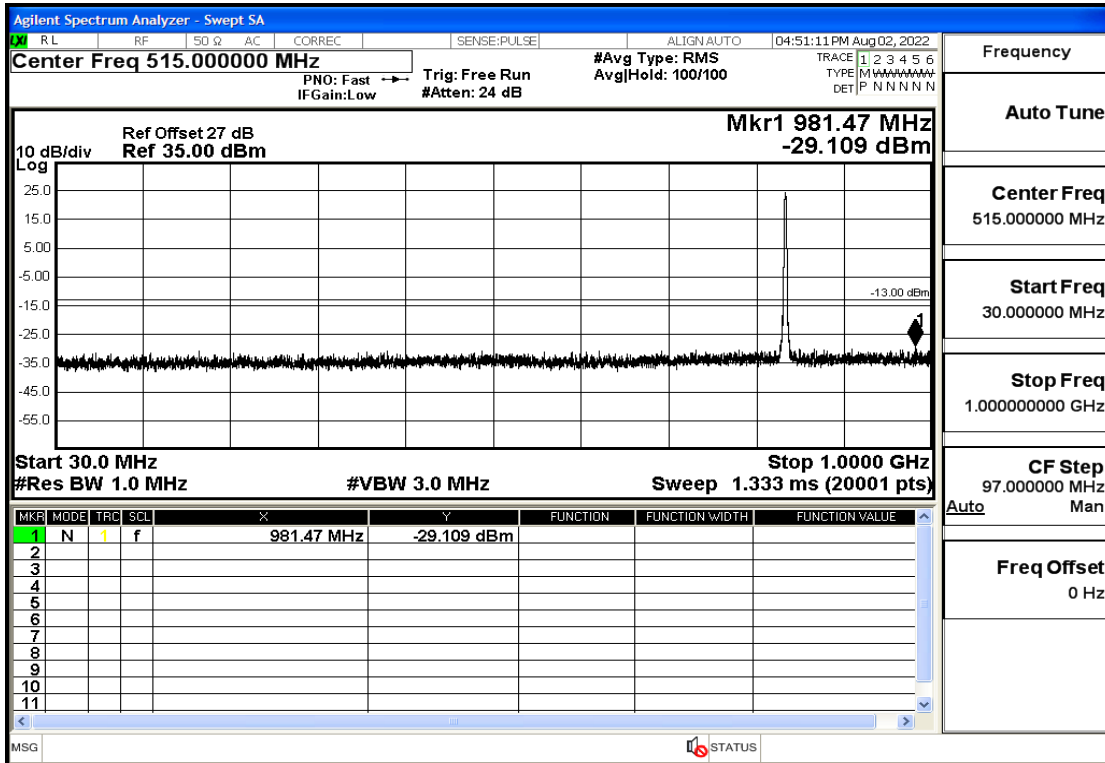
OB5-1.4-824.7-QPSK-6#LOW@30mHz-1GHz@Pass



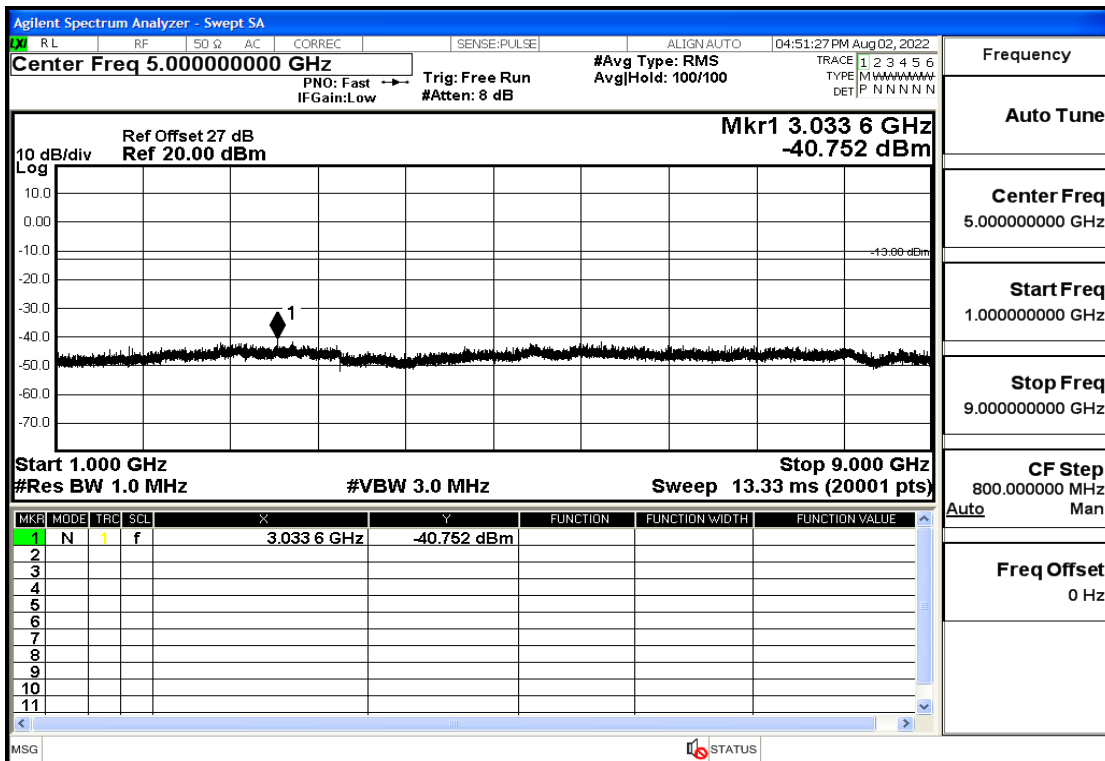
OB5-1.4-824.7-QPSK-6#LOW@1GHz-9GHz@Pass



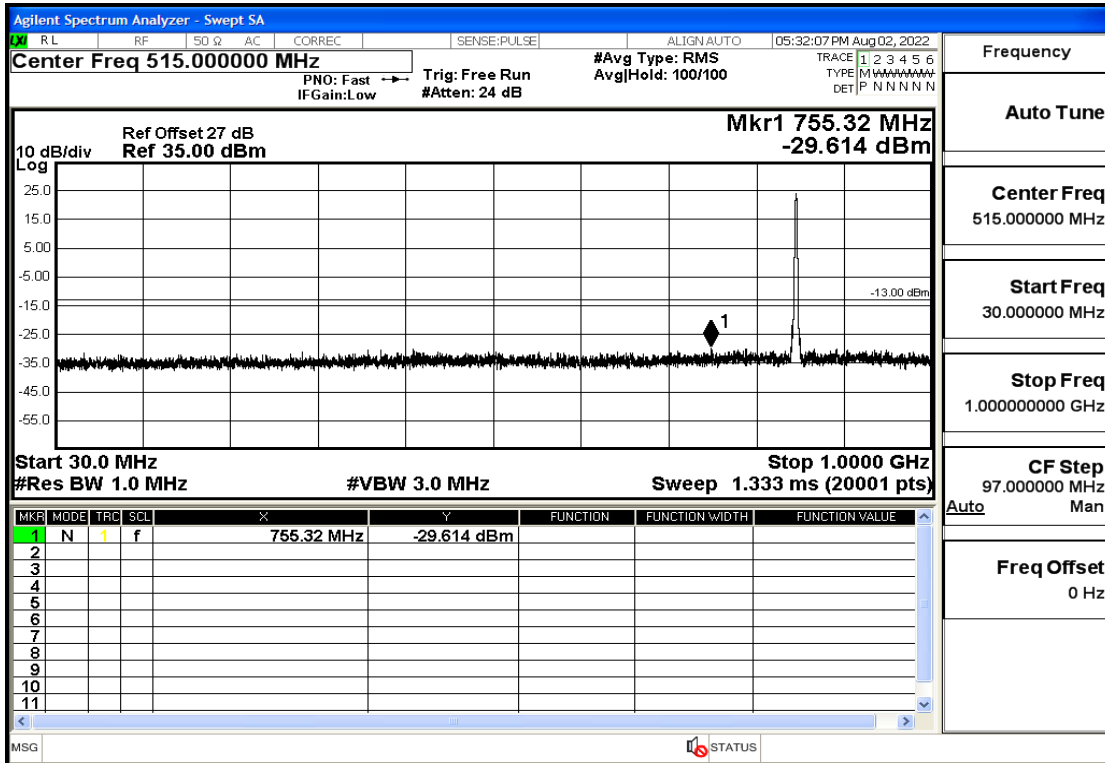
OB5-1.4-836.5-QPSK-6#LOW@30mHz-1GHz@Pass



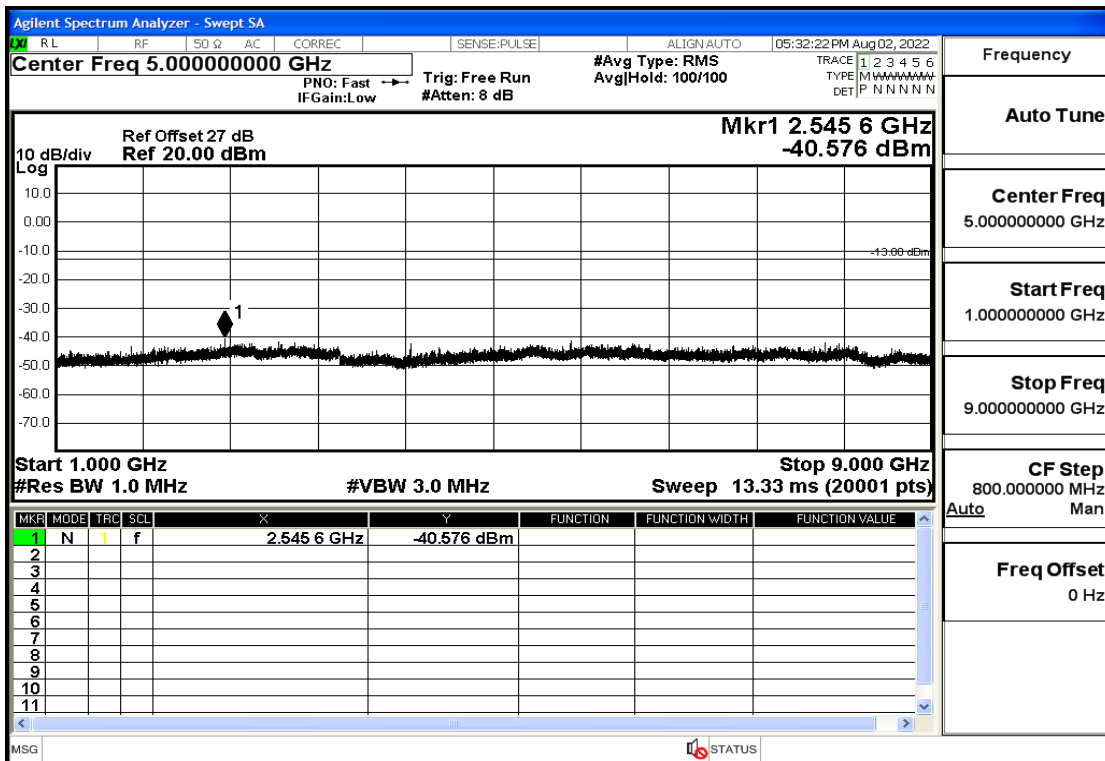
OB5-1.4-836.5-QPSK-6#LOW@1GHz-9GHz@Pass



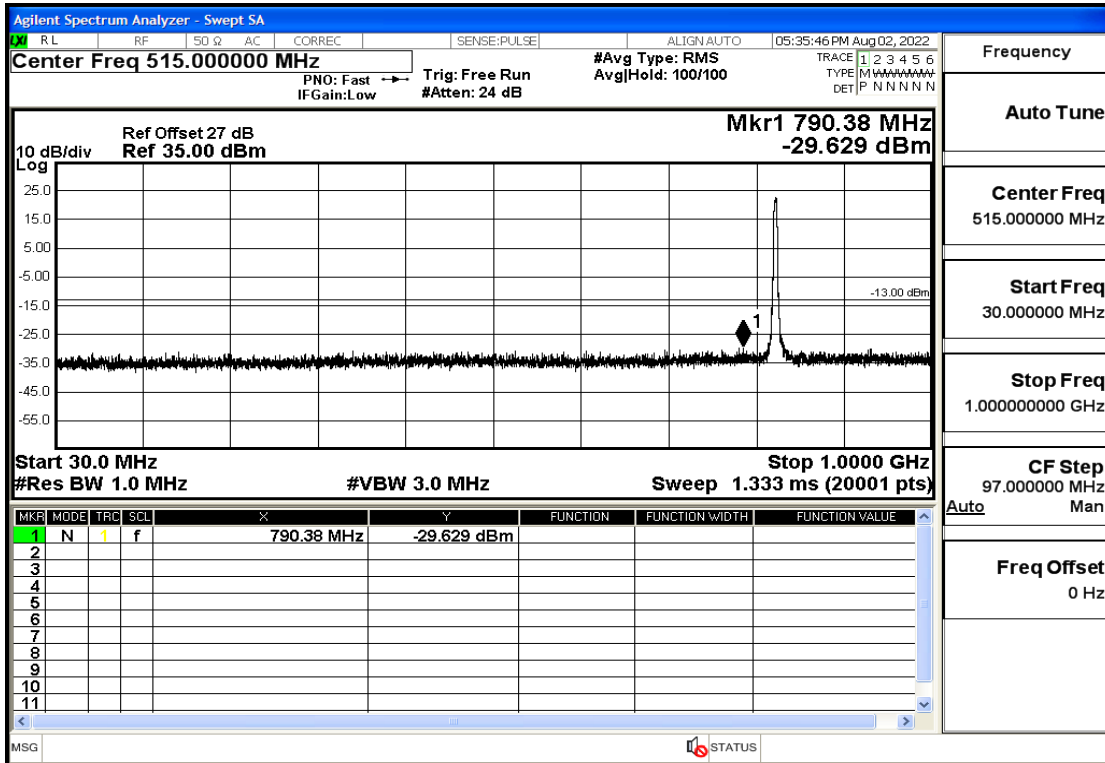
OB5-1.4-848.3-QPSK-6#LOW@30mHz-1GHz@Pass



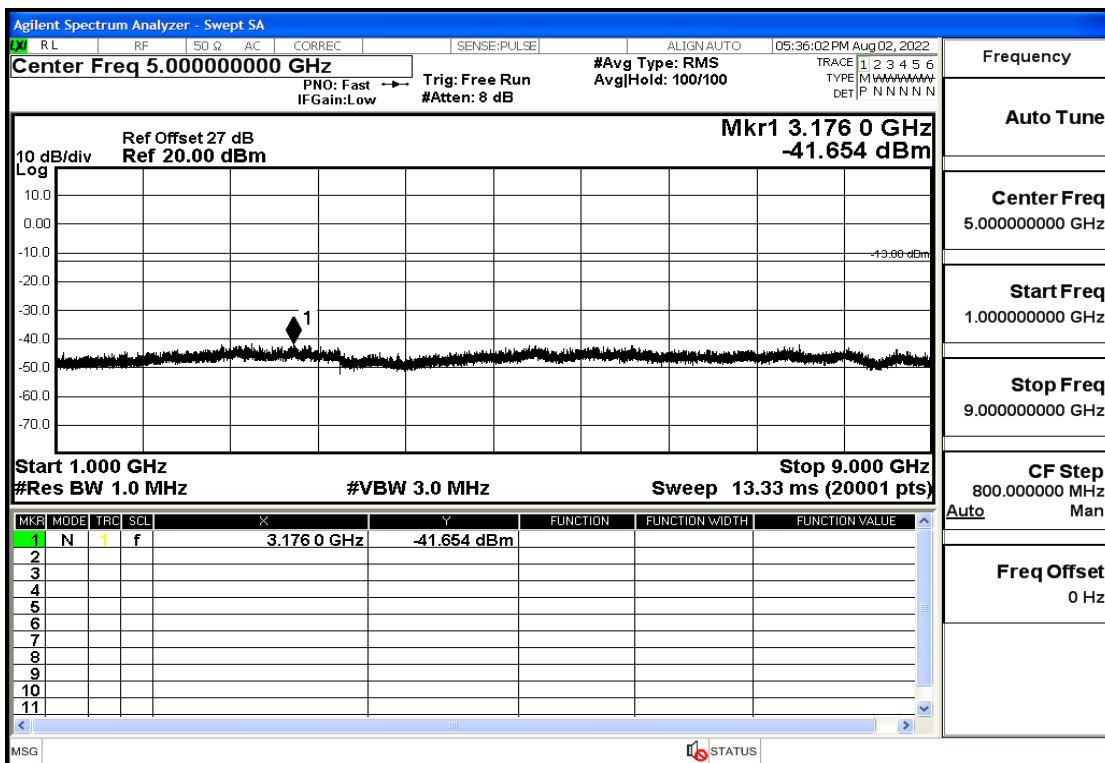
OB5-1.4-848.3-QPSK-6#LOW@1GHz-9GHz@Pass



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

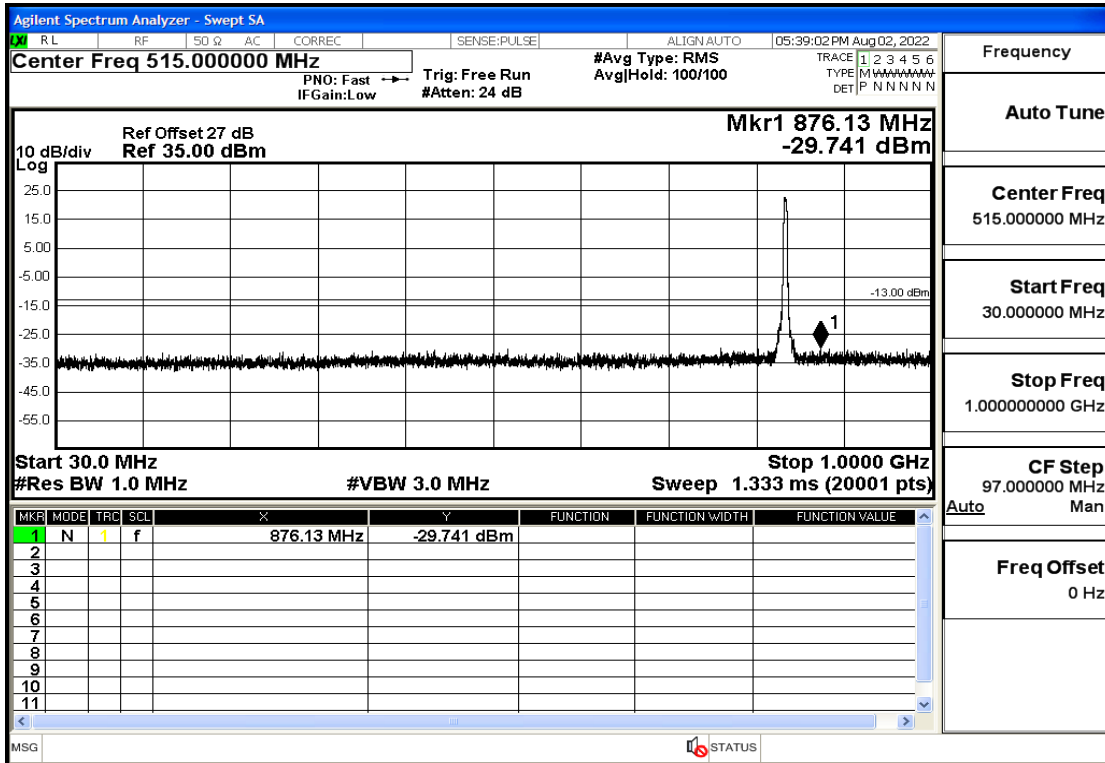


OB5-3-825.5-QPSK-15#LOW@1GHz-9GHz@Pass

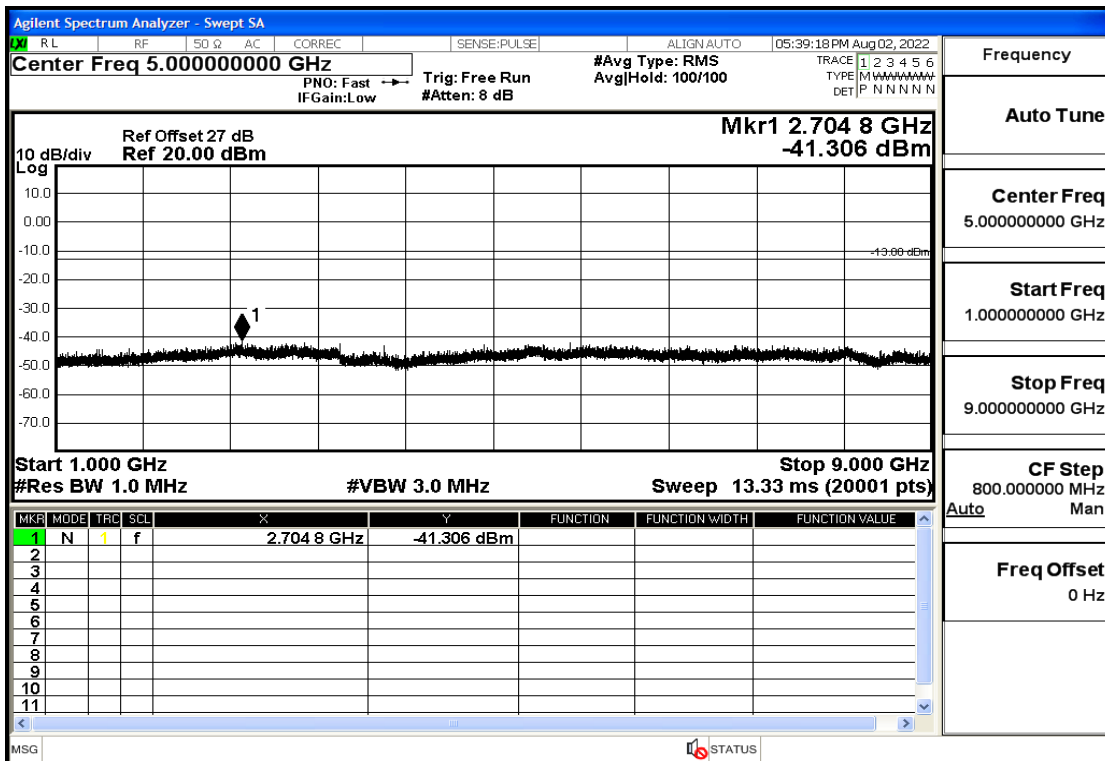




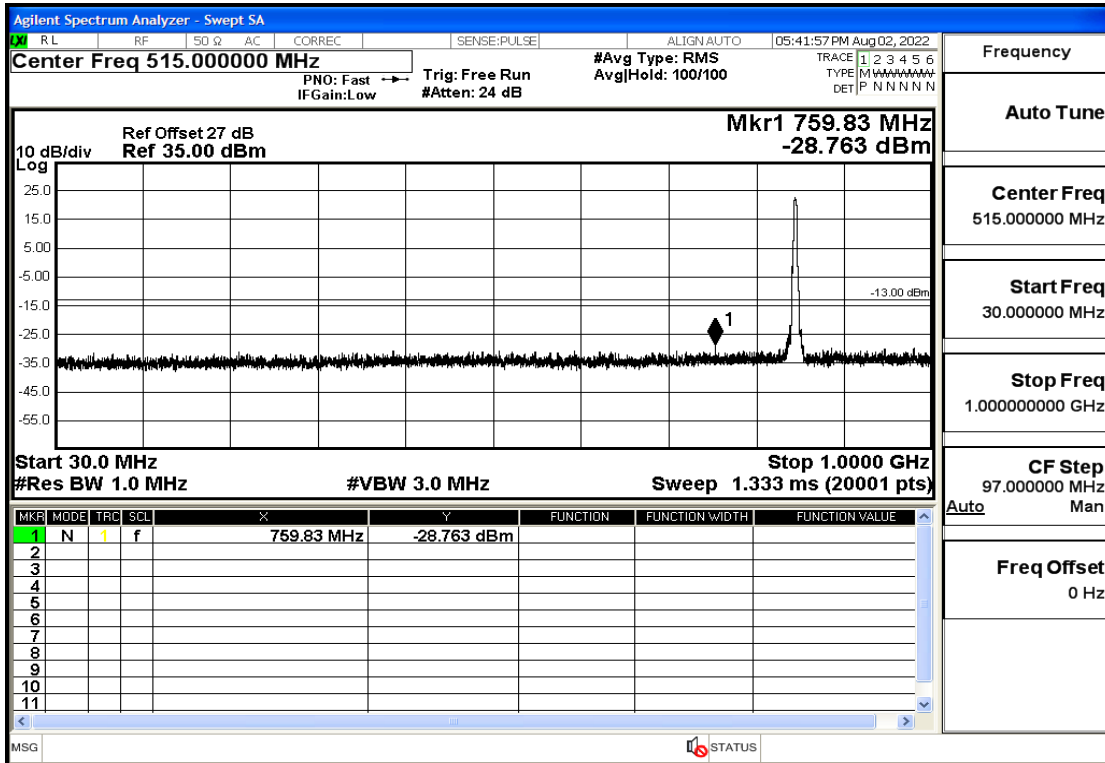
OB5-3-836.5-QPSK-15#LOW@30mHz-1GHz@Pass



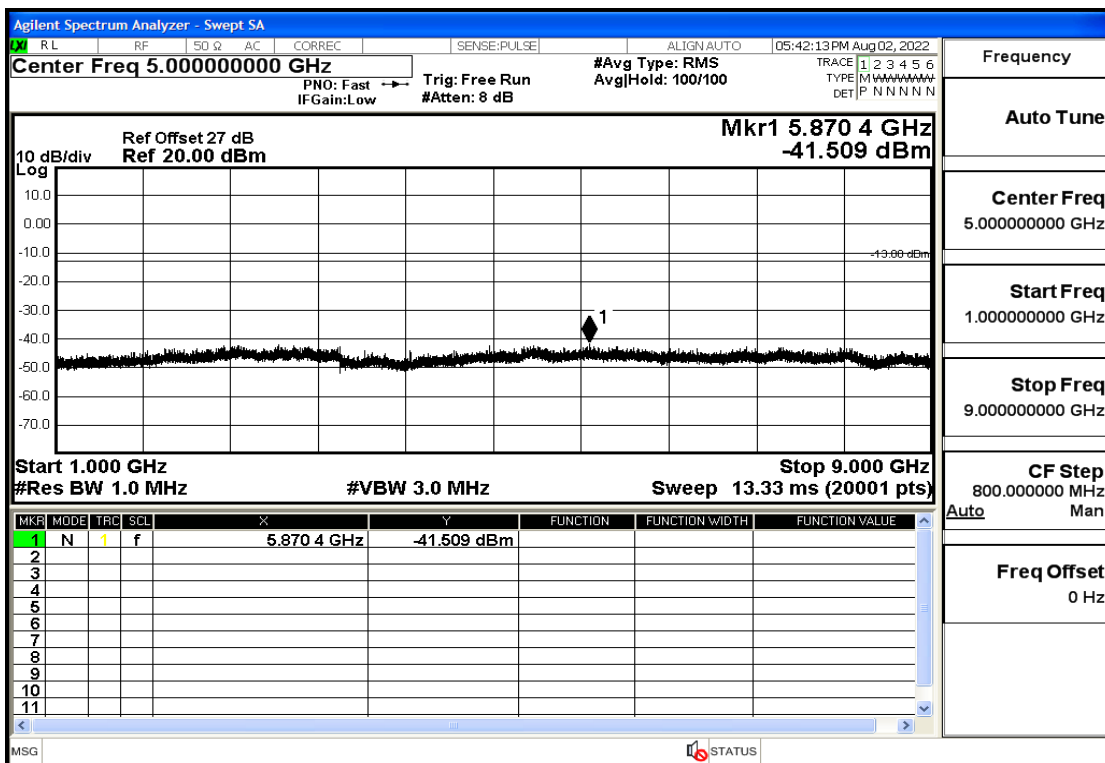
OB5-3-836.5-QPSK-15#LOW@1GHz-9GHz@Pass



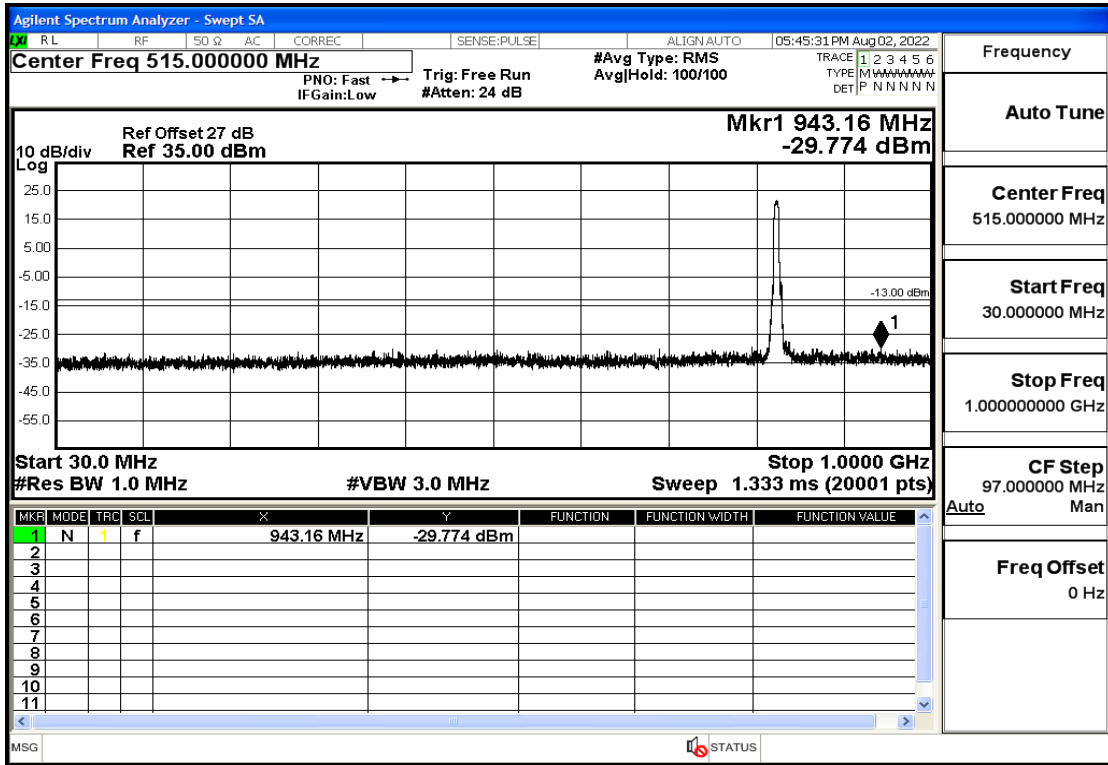
OB5-3-847.5-QPSK-15#LOW@30mHz-1GHz@Pass



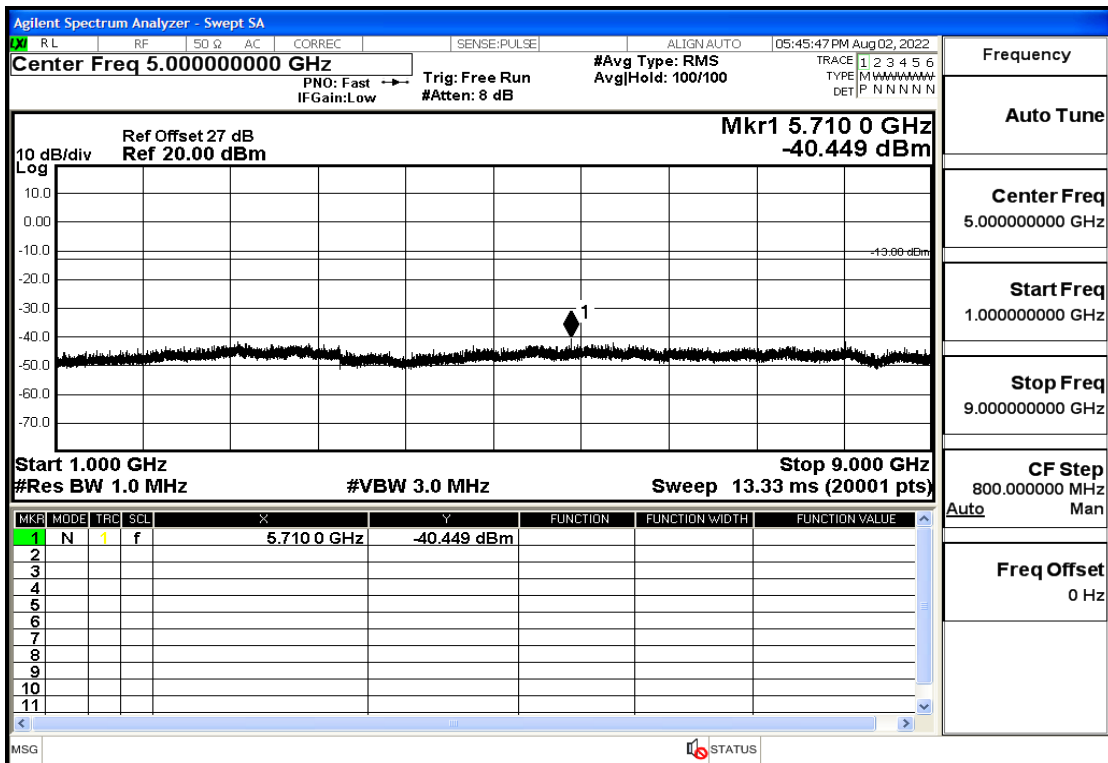
OB5-3-847.5-QPSK-15#LOW@1GHz-9GHz@Pass



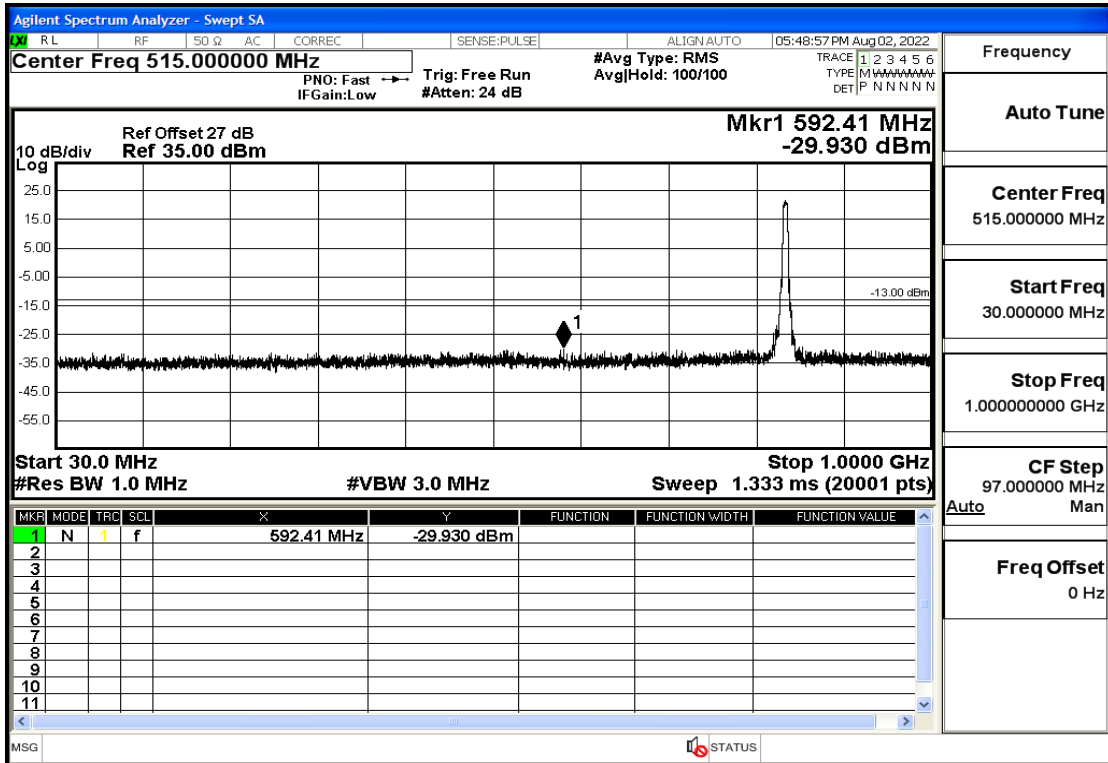
OB5-5-826.5-QPSK-25#LOW@30mHz-1GHz@Pass



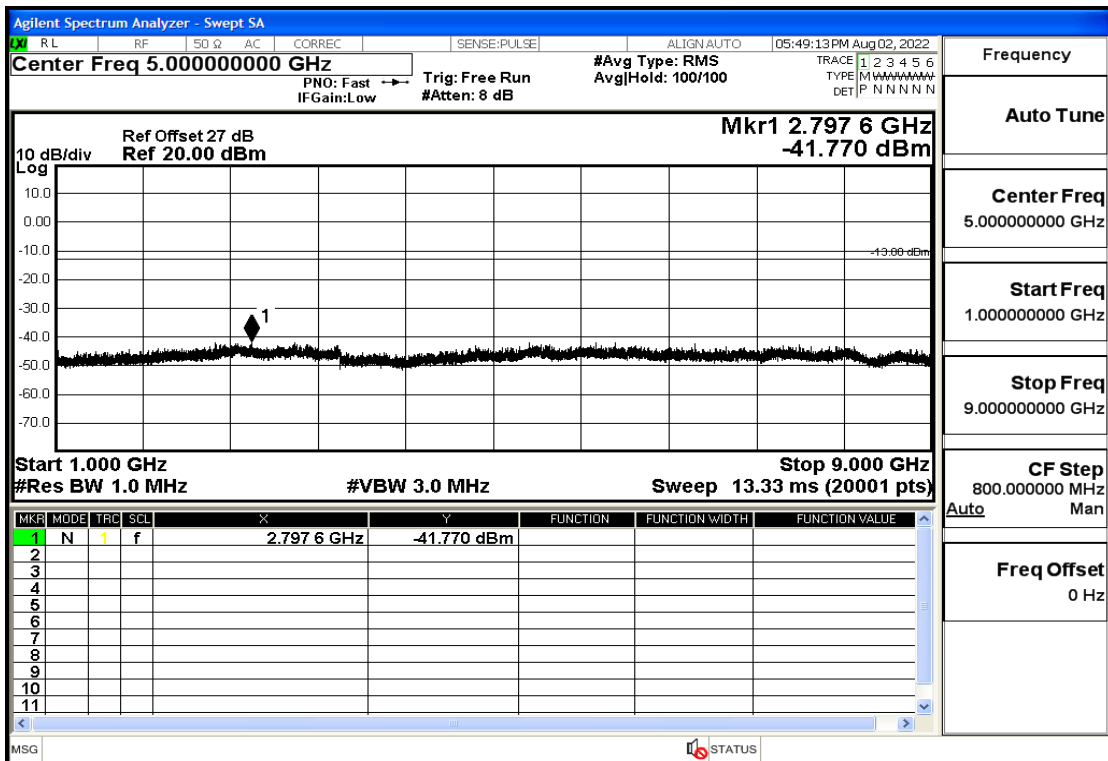
OB5-5-826.5-QPSK-25#LOW@1GHz-9GHz@Pass



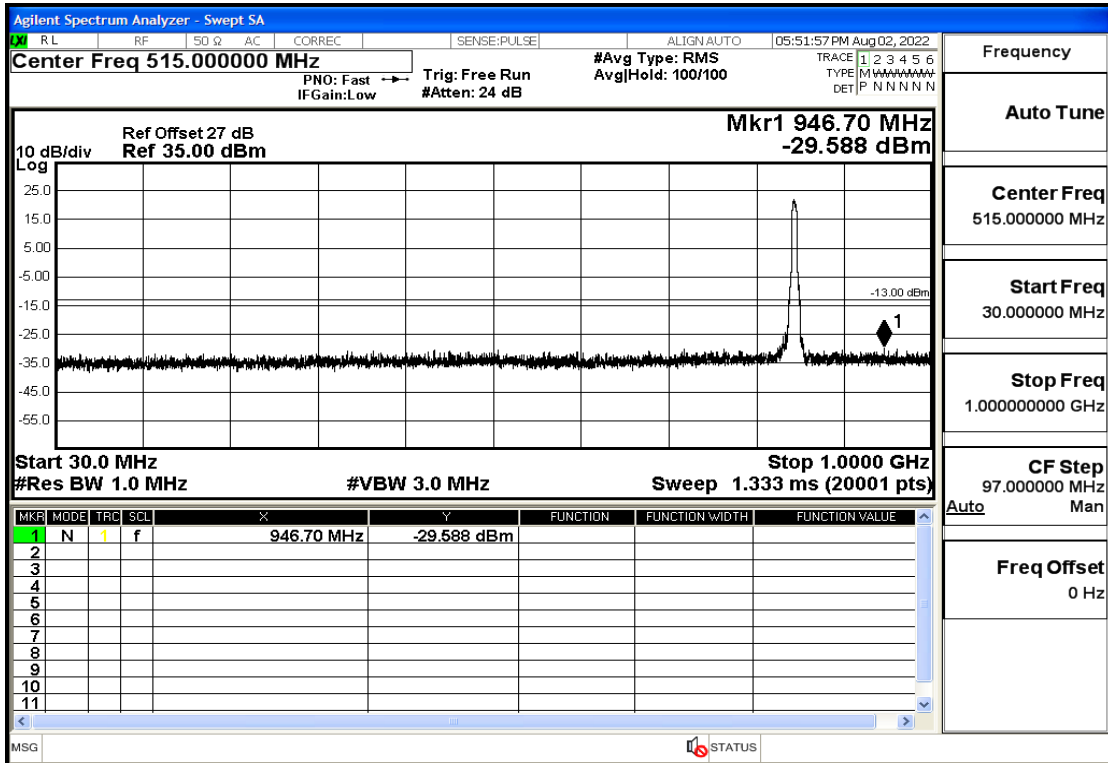
OB5-5-836.5-QPSK-25#LOW@30mHz-1GHz@Pass



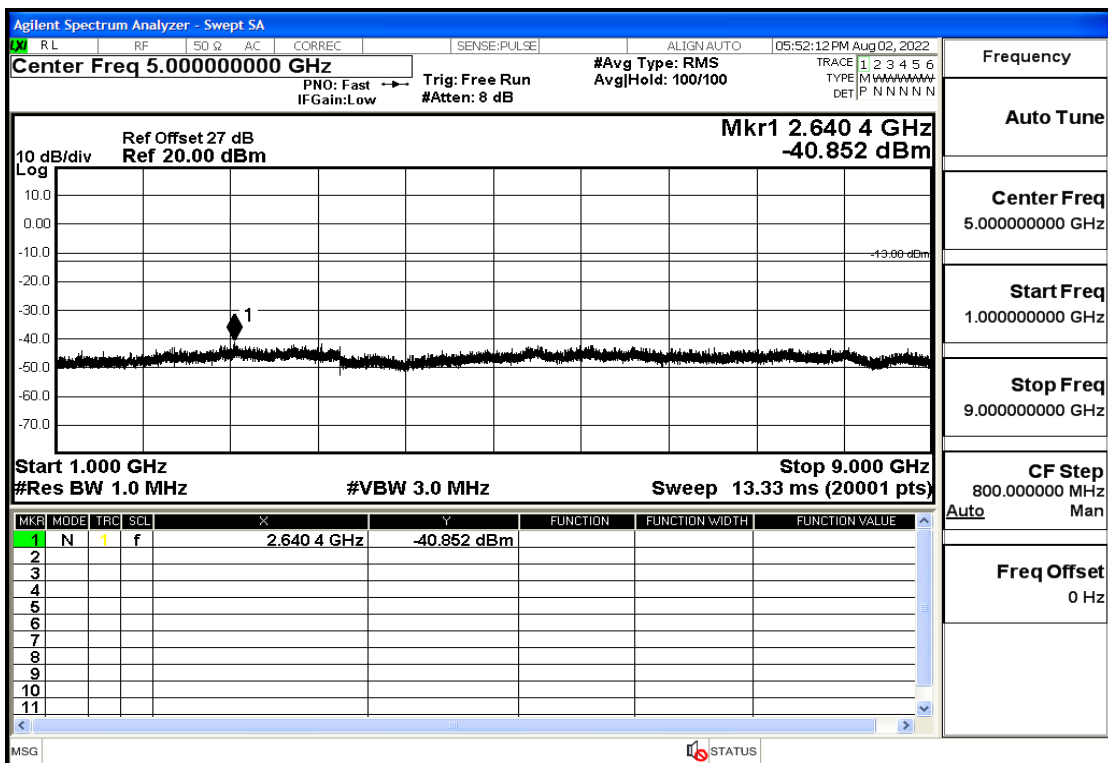
OB5-5-836.5-QPSK-25#LOW@1GHz-9GHz@Pass



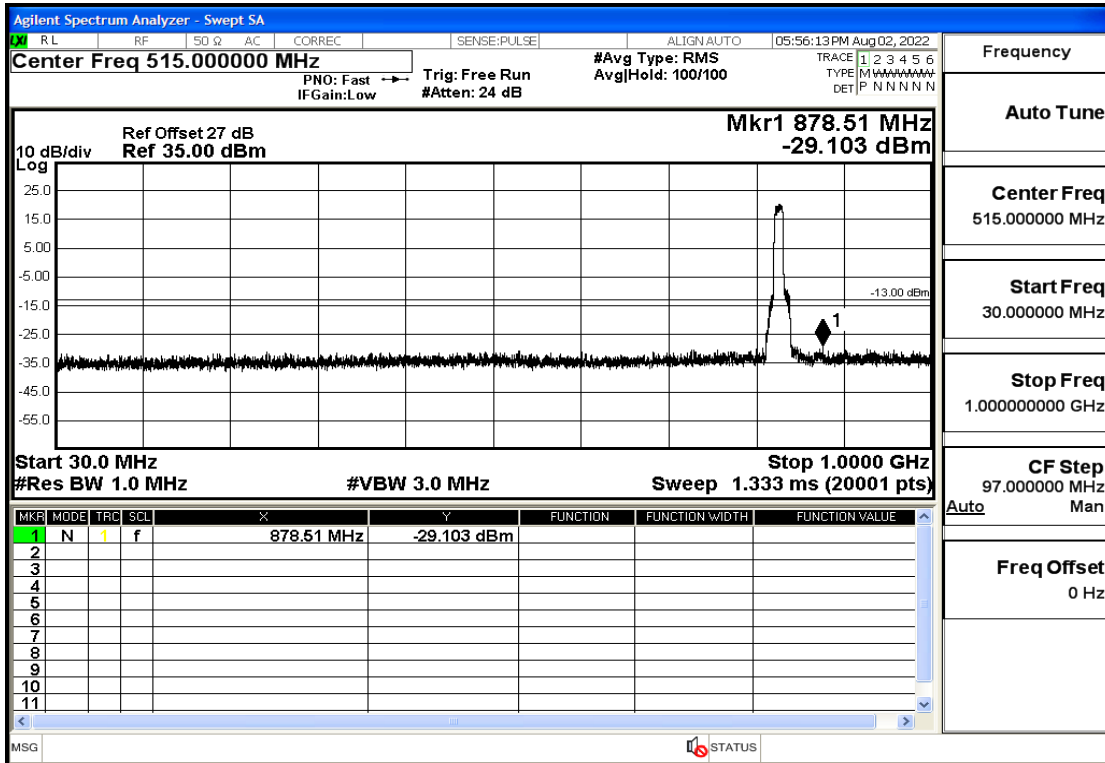
OB5-5-846.5-QPSK-25#LOW@30mHz-1GHz@Pass



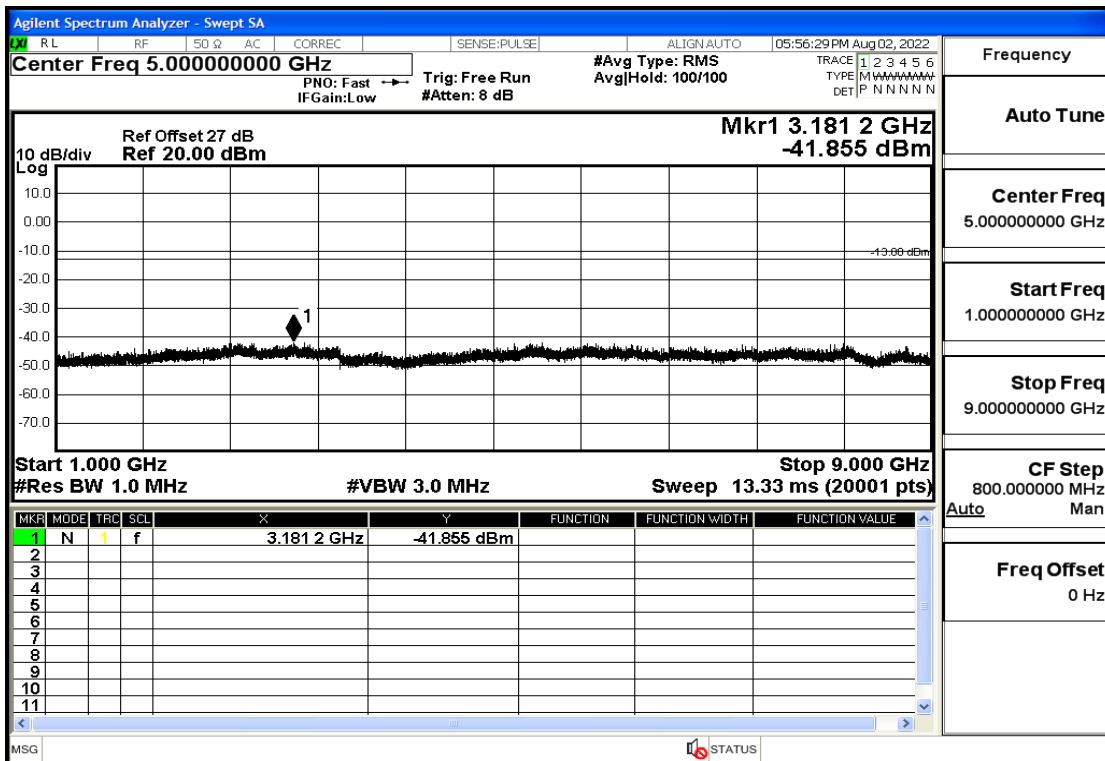
OB5-5-846.5-QPSK-25#LOW@1GHz-9GHz@Pass



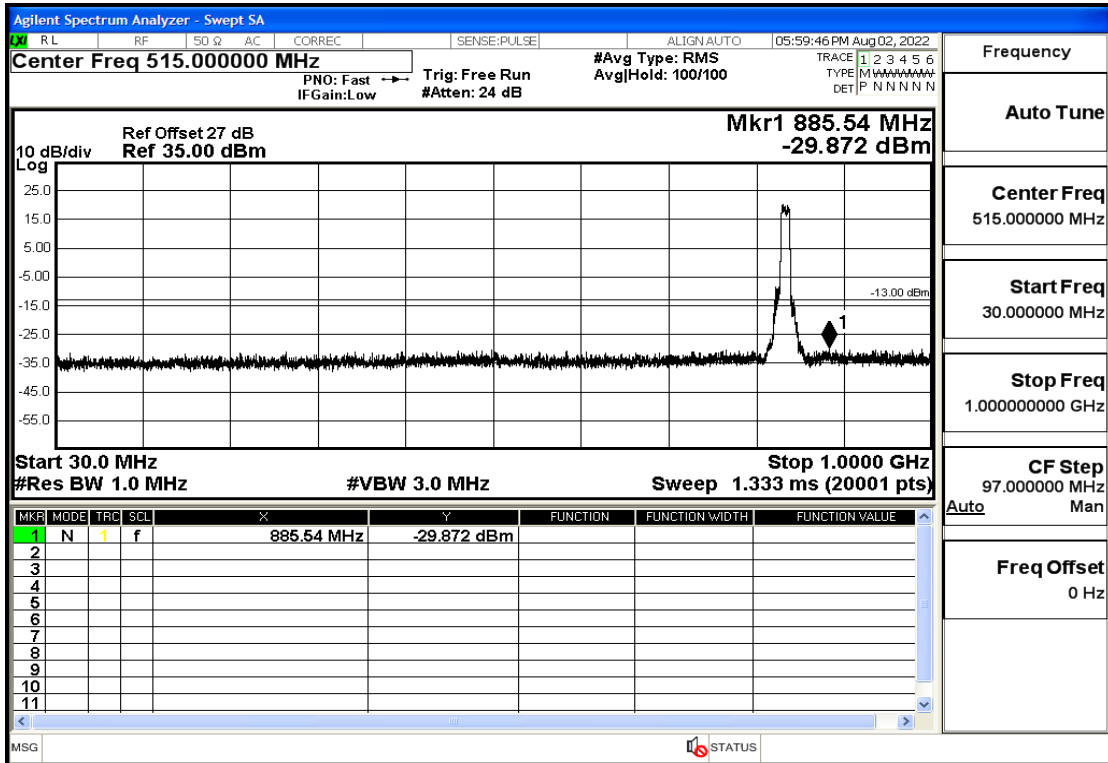
OB5-10-829-QPSK-50#LOW@30mHz-1GHz@Pass



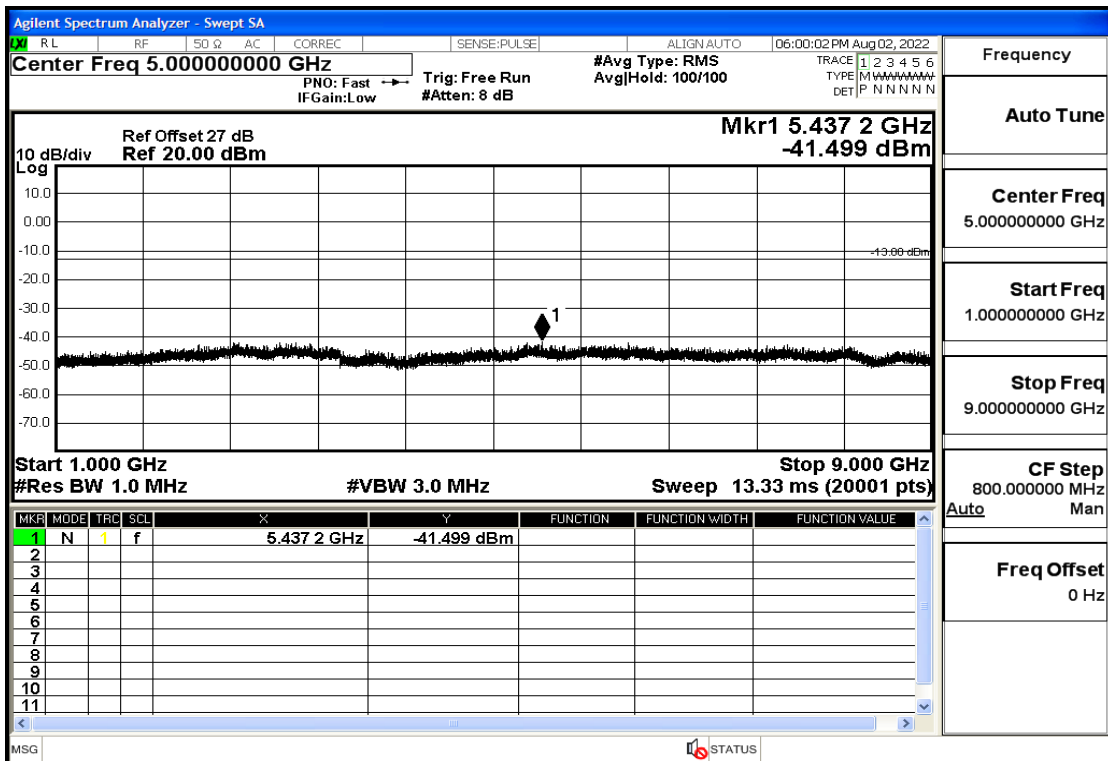
OB5-10-829-QPSK-50#LOW@1GHz-9GHz@Pass



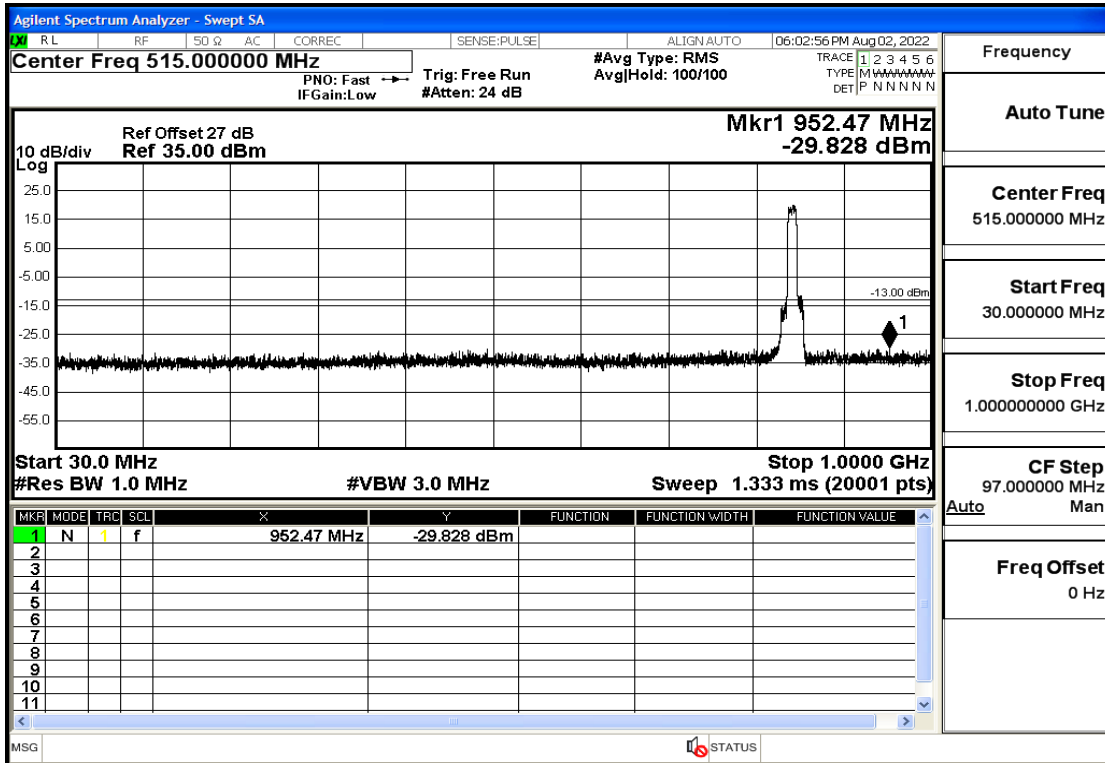
OB5-10-836.5-QPSK-50#LOW@30MHz-1GHz@Pass



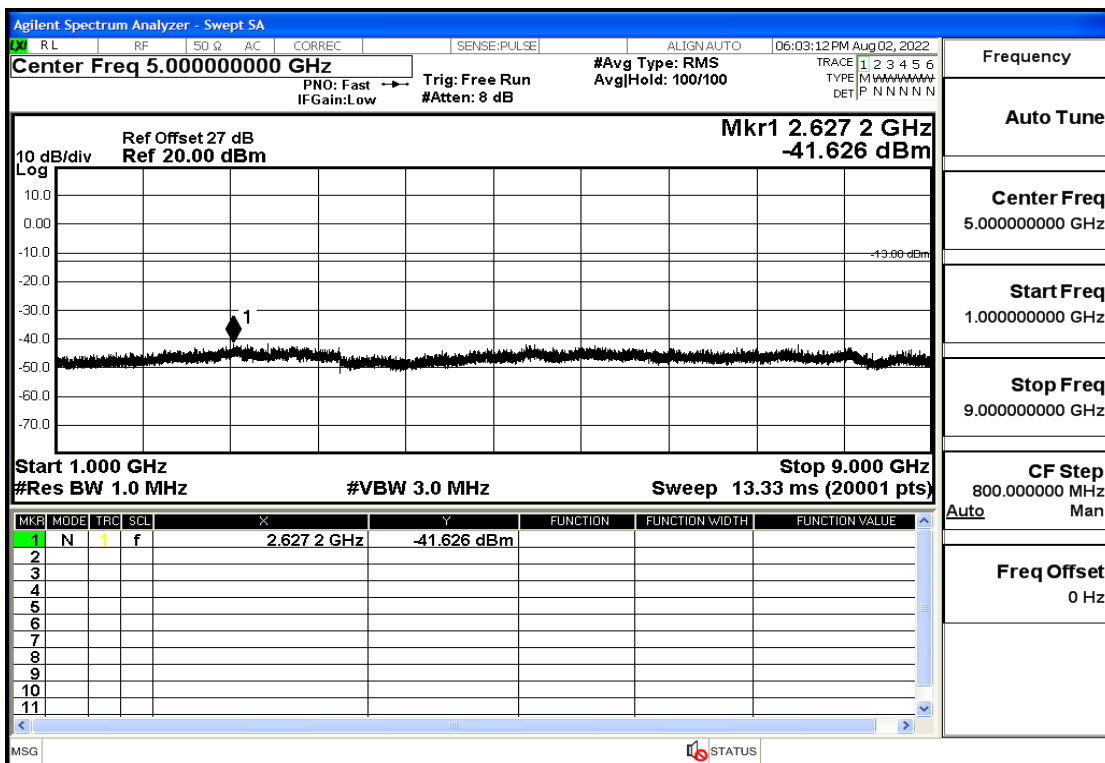
OB5-10-836.5-QPSK-50#LOW@1GHz-9GHz@Pass



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

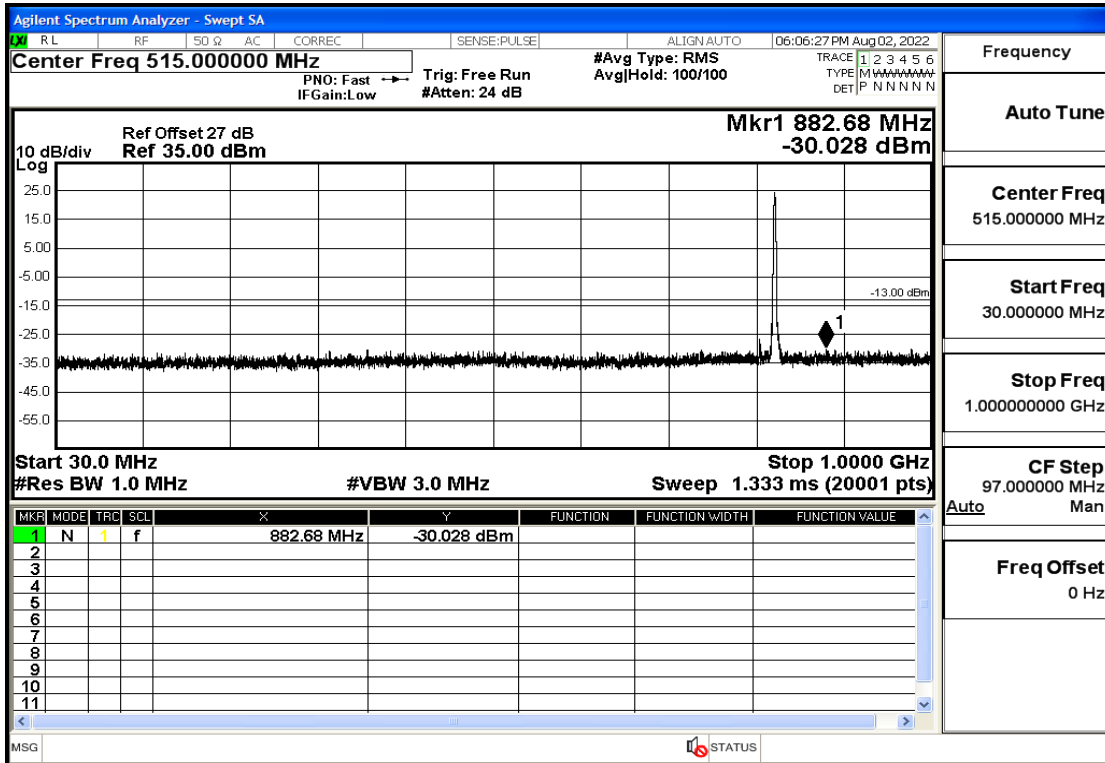


OB5-10-844-QPSK-50#LOW@1GHz-9GHz@Pass

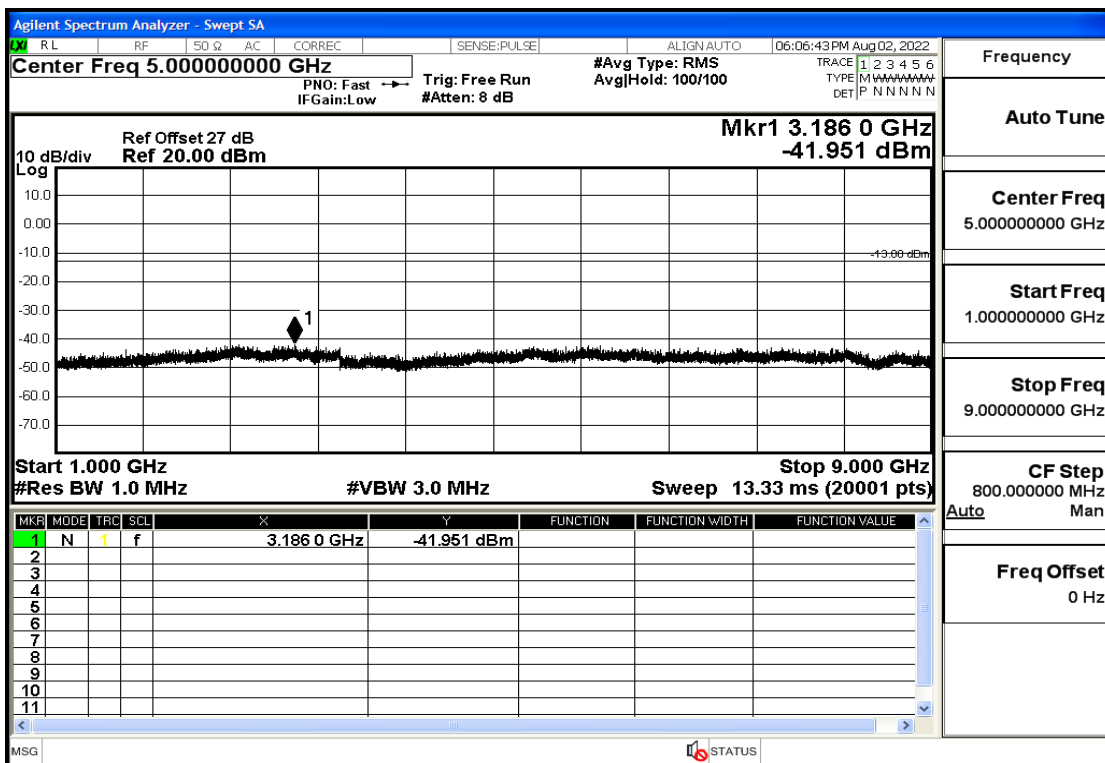




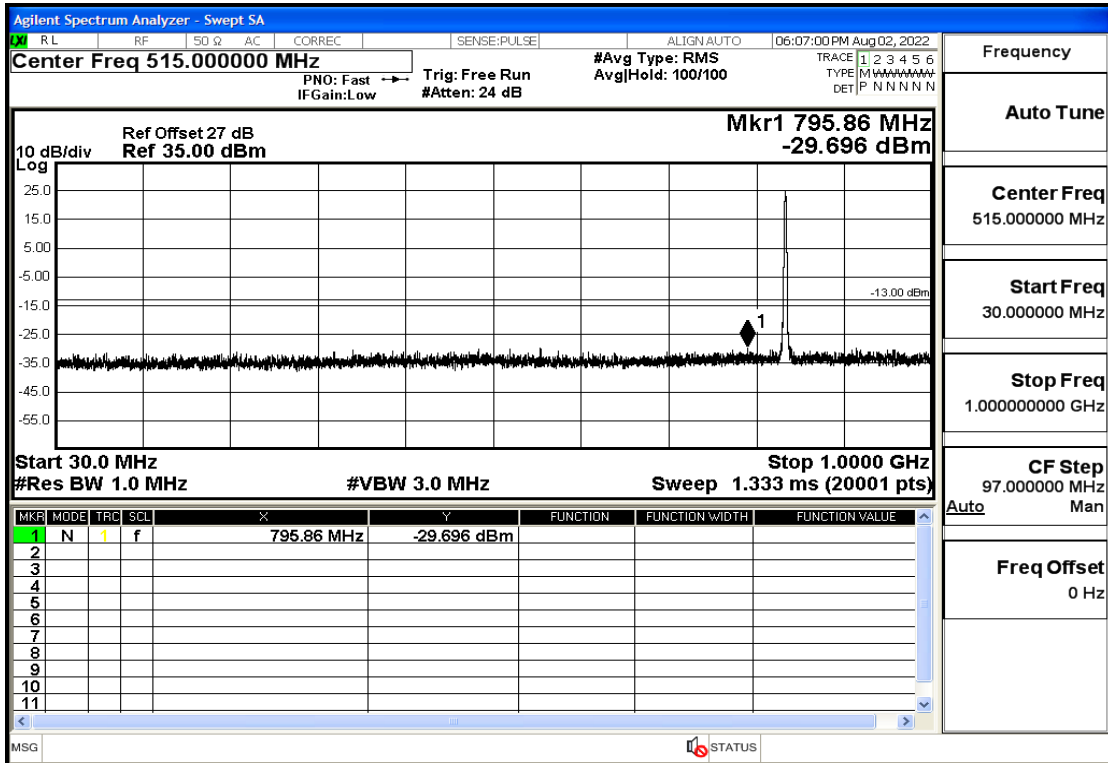
OB5-1.4-824.7-Q16-6#LOW@30mHz-1GHz@Pass



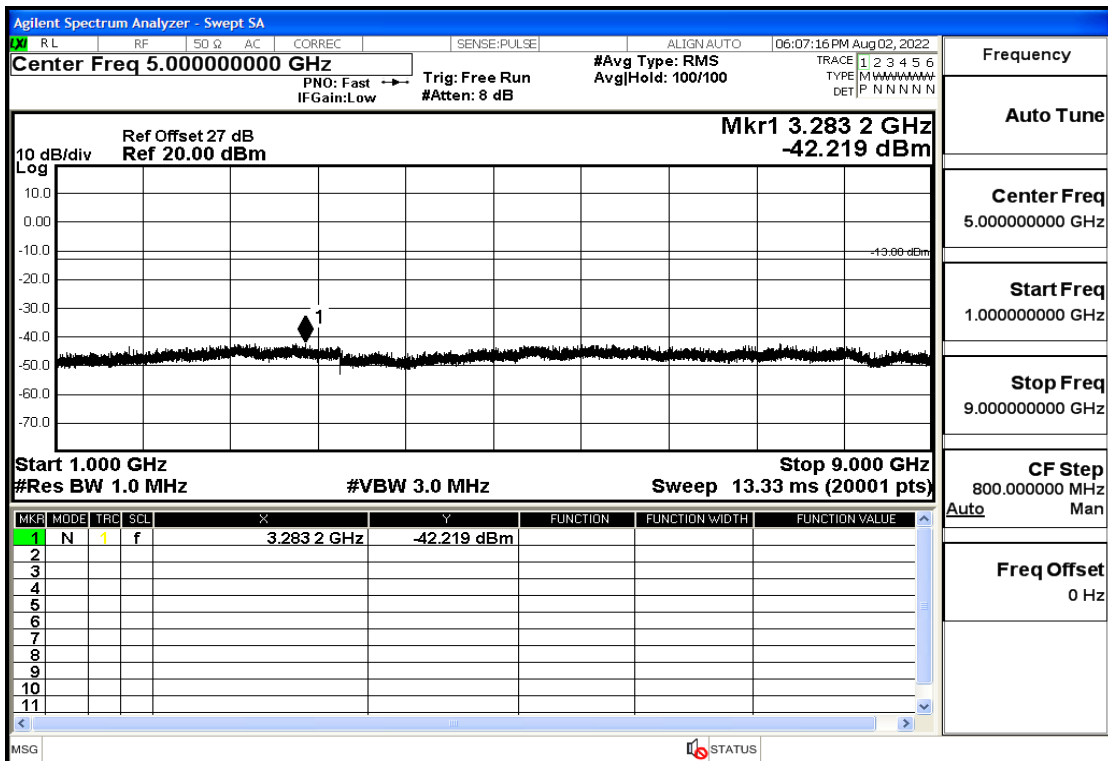
OB5-1.4-824.7-Q16-6#LOW@1GHz-9GHz@Pass



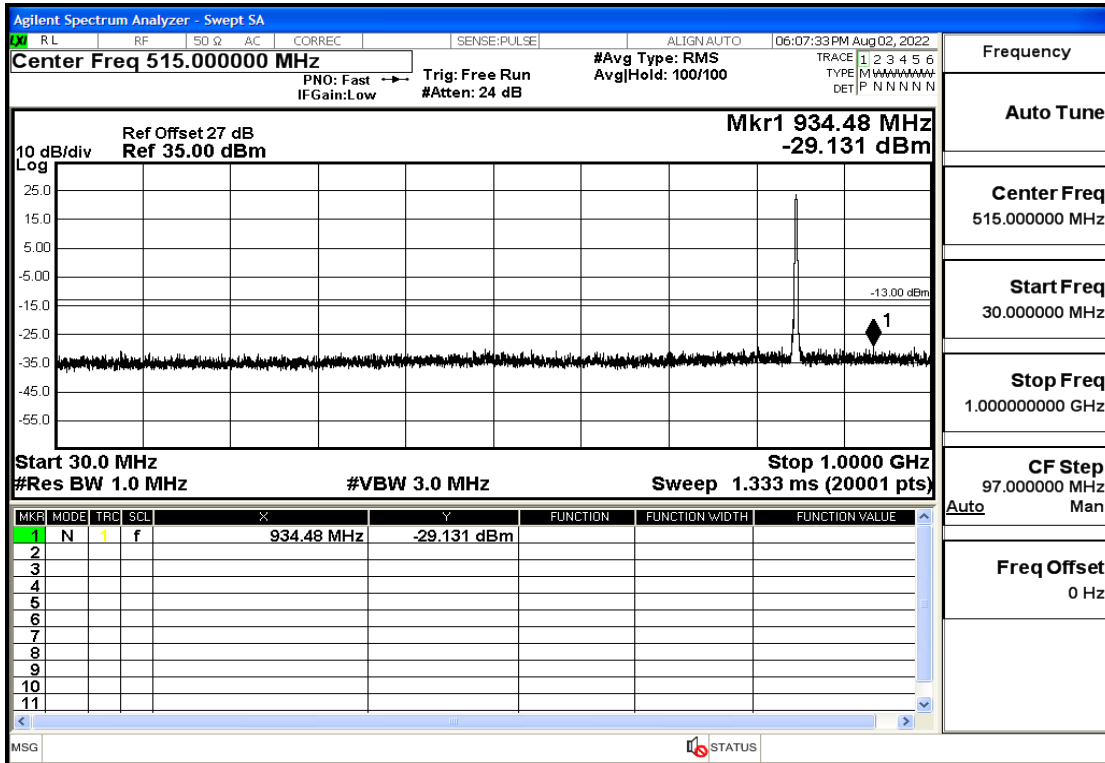
OB5-1.4-836.5-Q16-6#LOW@30mHz-1GHz@Pass



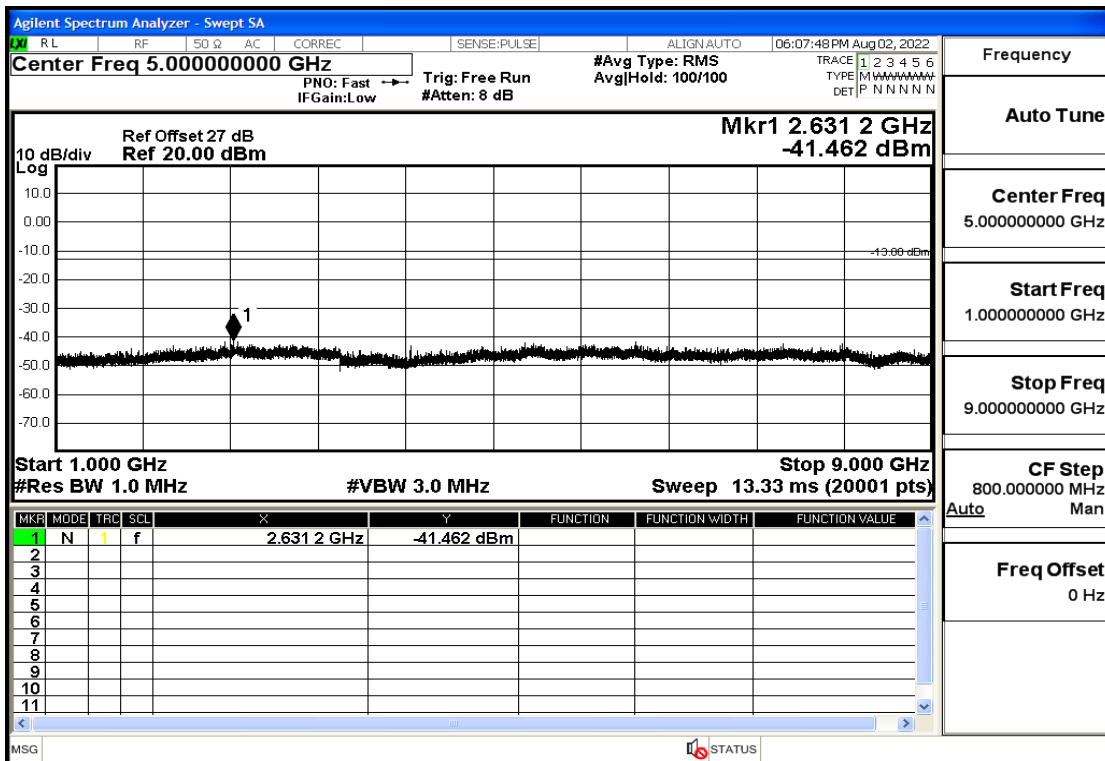
OB5-1.4-836.5-Q16-6#LOW@1GHz-9GHz@Pass



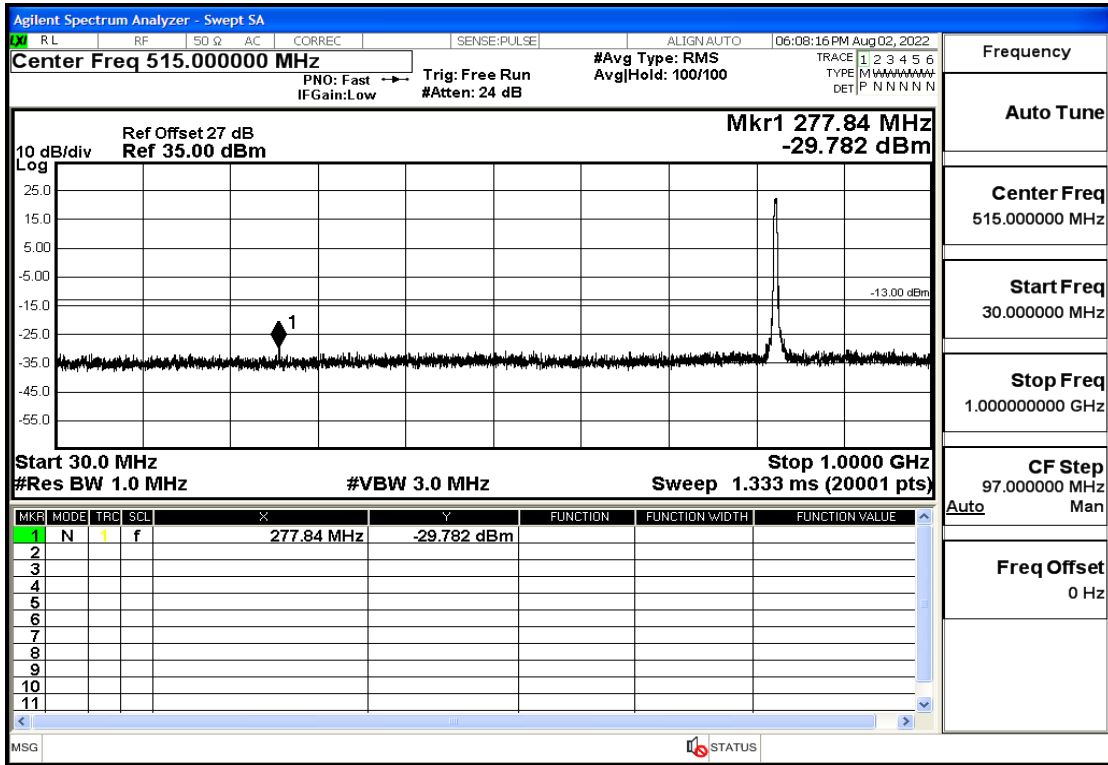
OB5-1.4-848.3-Q16-6#LOW@30mHz-1GHz@Pass



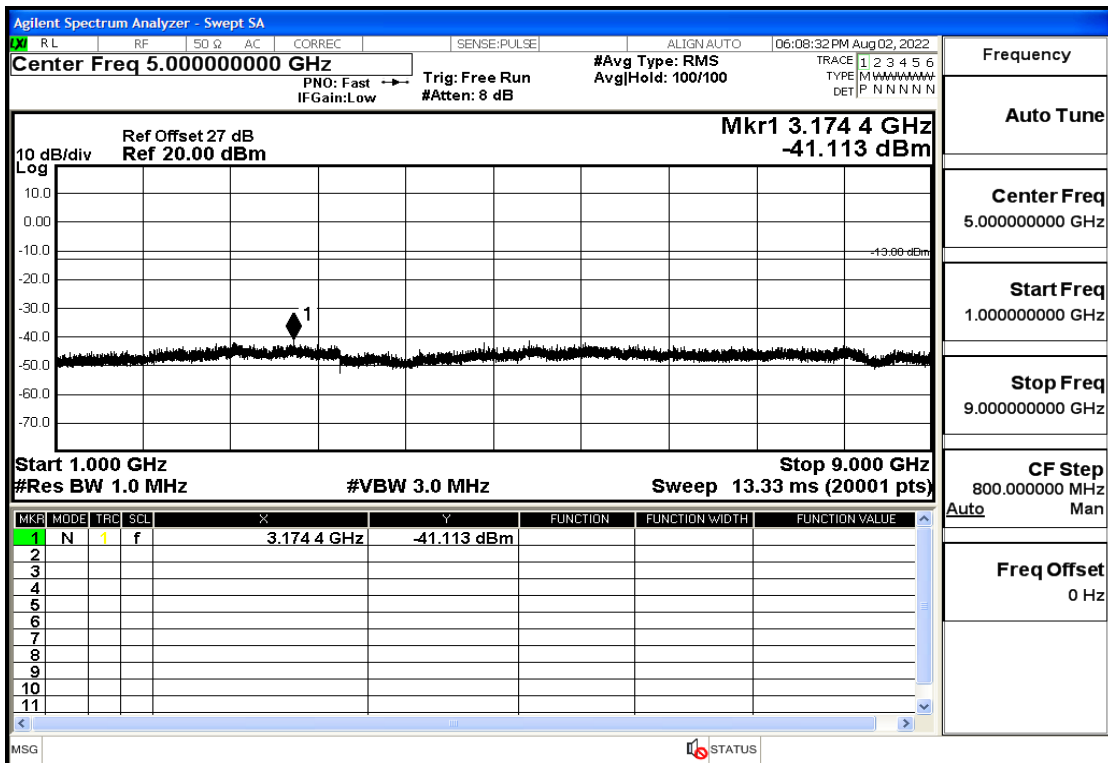
OB5-1.4-848.3-Q16-6#LOW@1GHz-9GHz@Pass



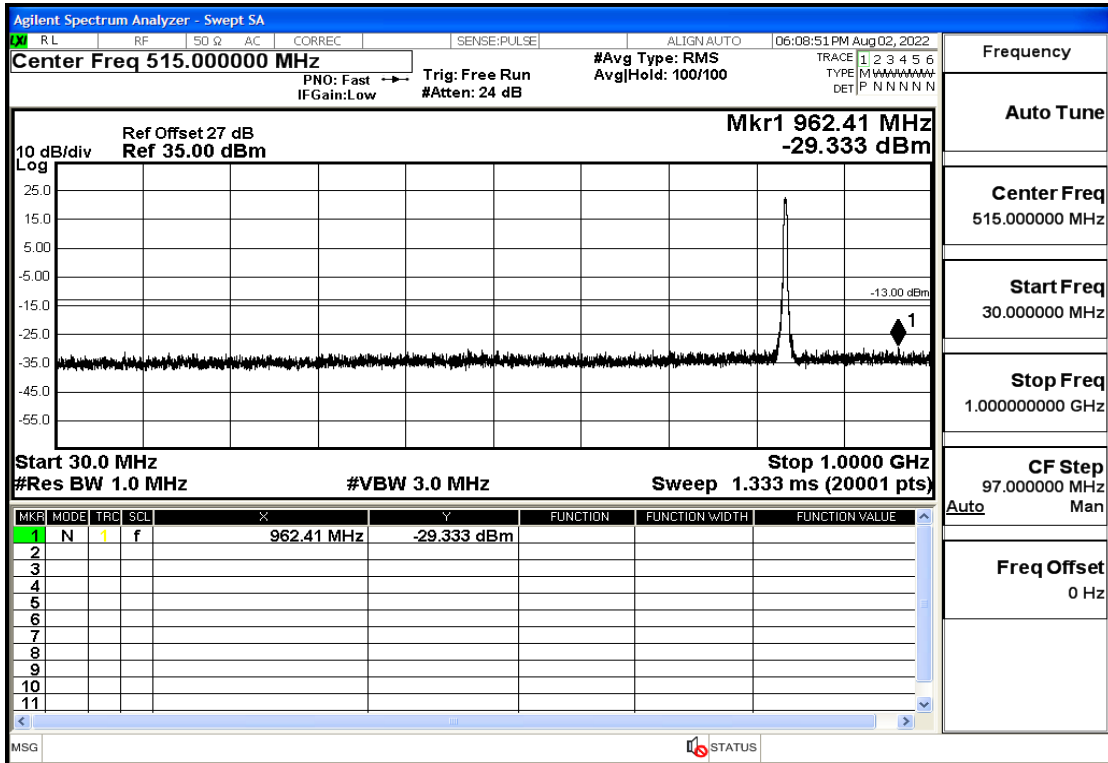
OB5-3-825.5-Q16-15#LOW@30mHz-1GHz@Pass



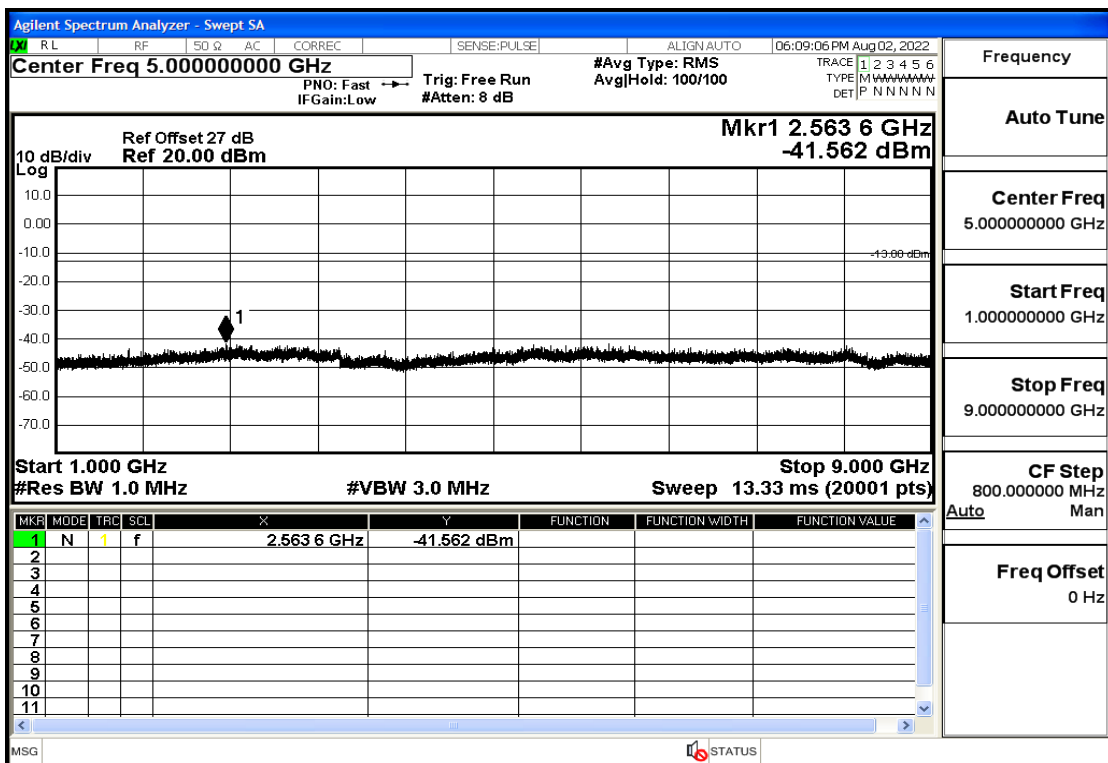
OB5-3-825.5-Q16-15#LOW@1GHz-9GHz@Pass



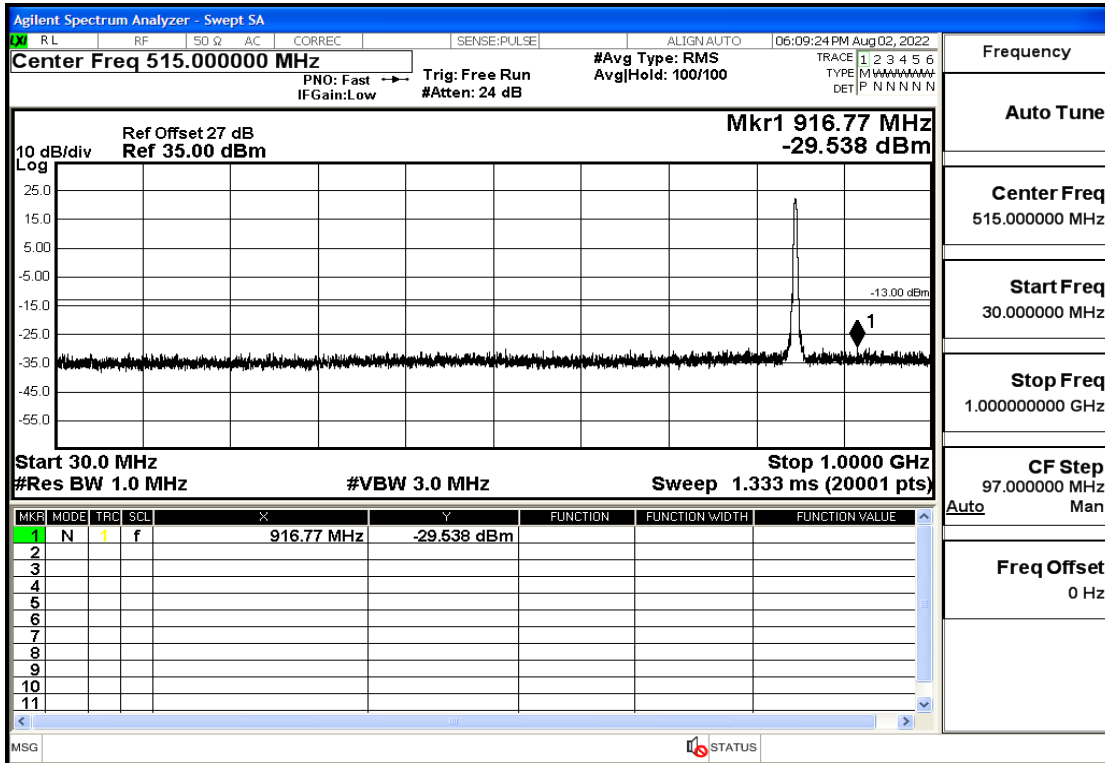
OB5-3-836.5-Q16-15#LOW@30mHz-1GHz@Pass



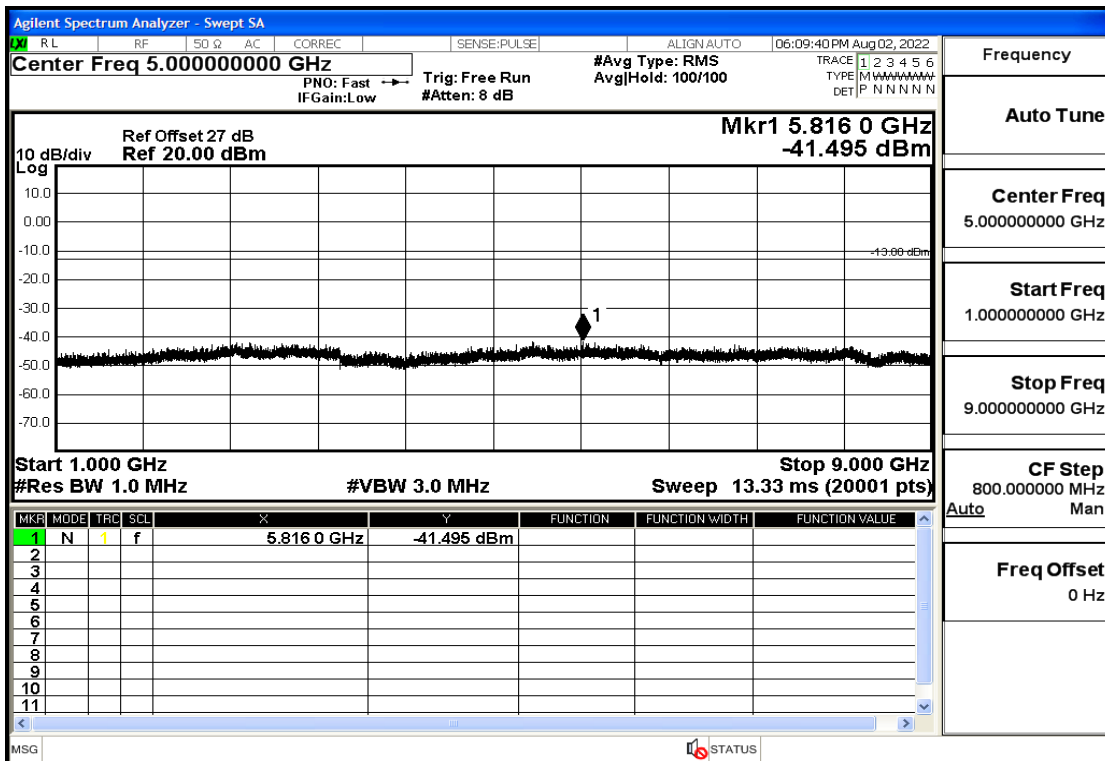
OB5-3-836.5-Q16-15#LOW@1GHz-9GHz@Pass



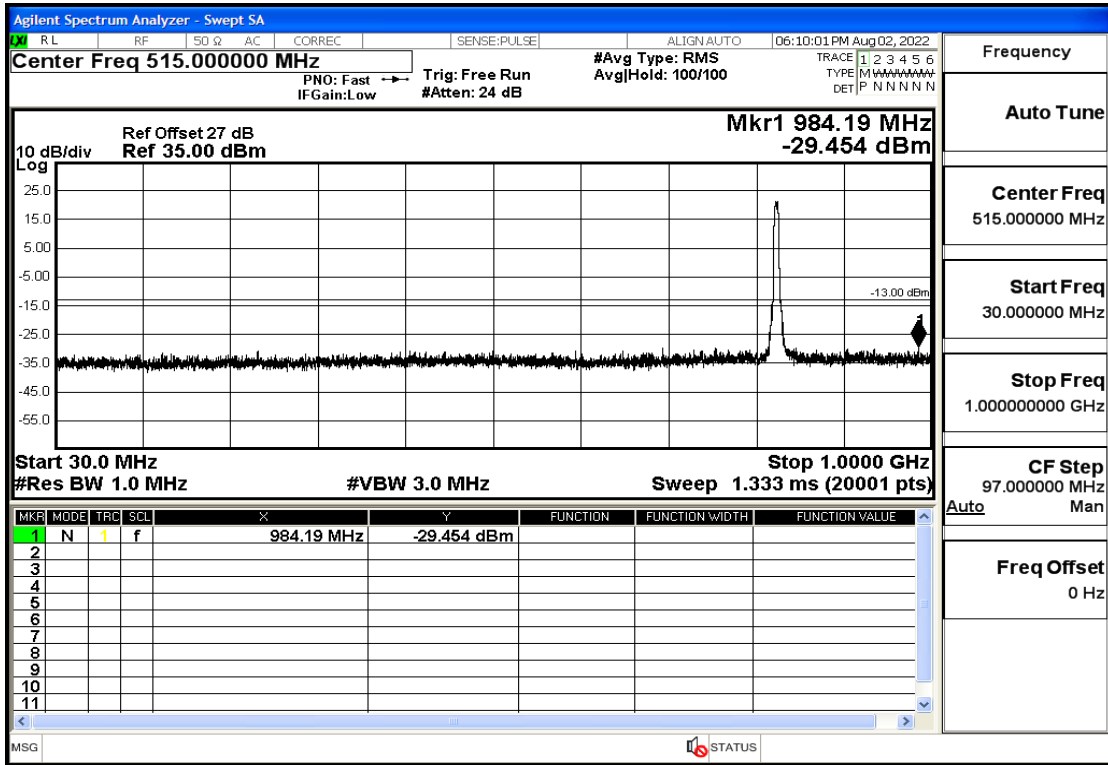
OB5-3-847.5-Q16-15#LOW@30mHz-1GHz@Pass



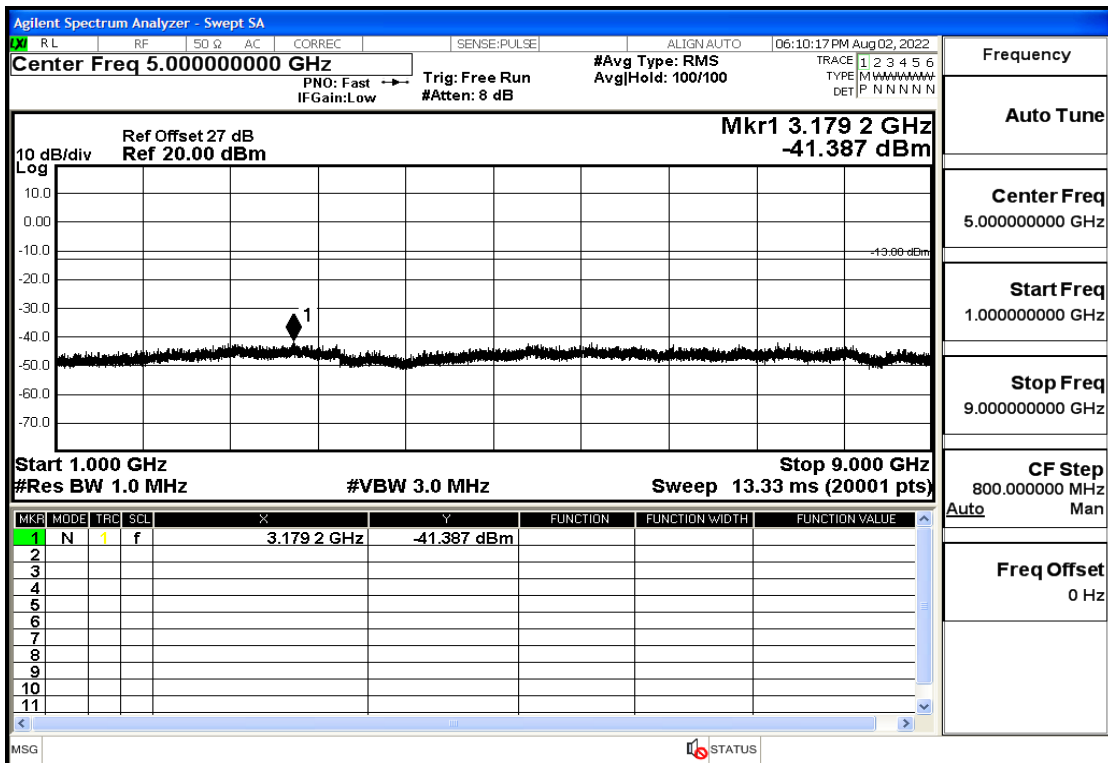
OB5-3-847.5-Q16-15#LOW@1GHz-9GHz@Pass



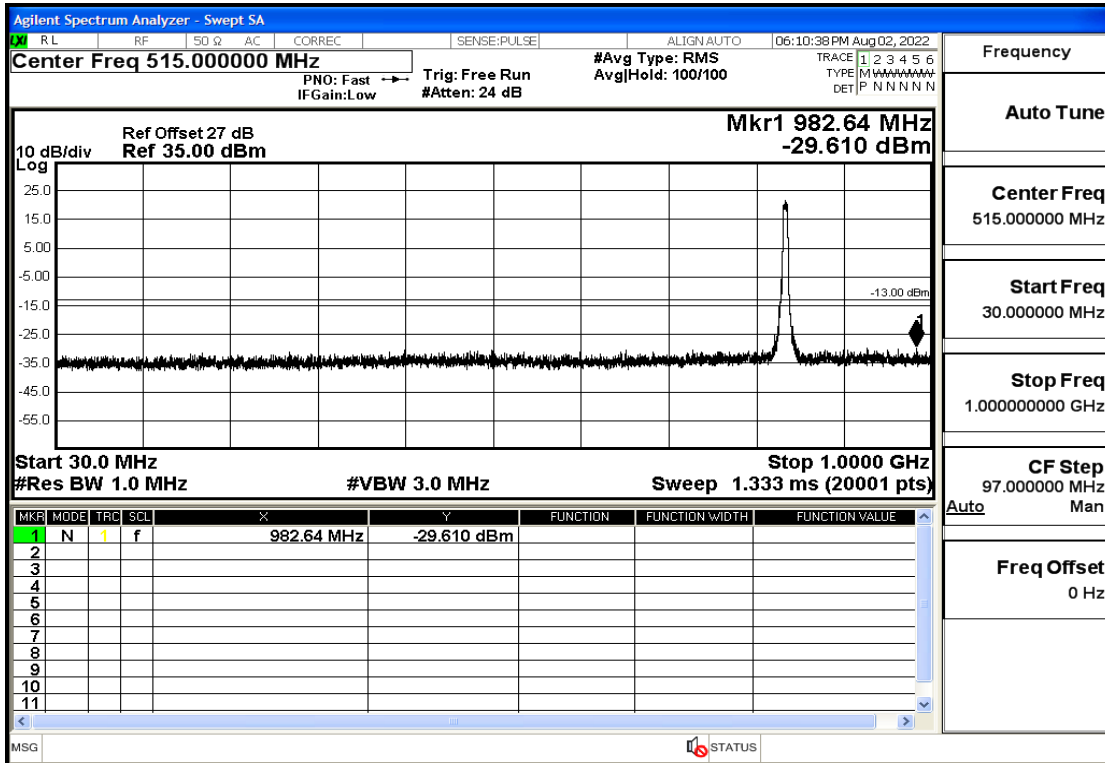
OB5-5-826.5-Q16-25#LOW@30mHz-1GHz@Pass



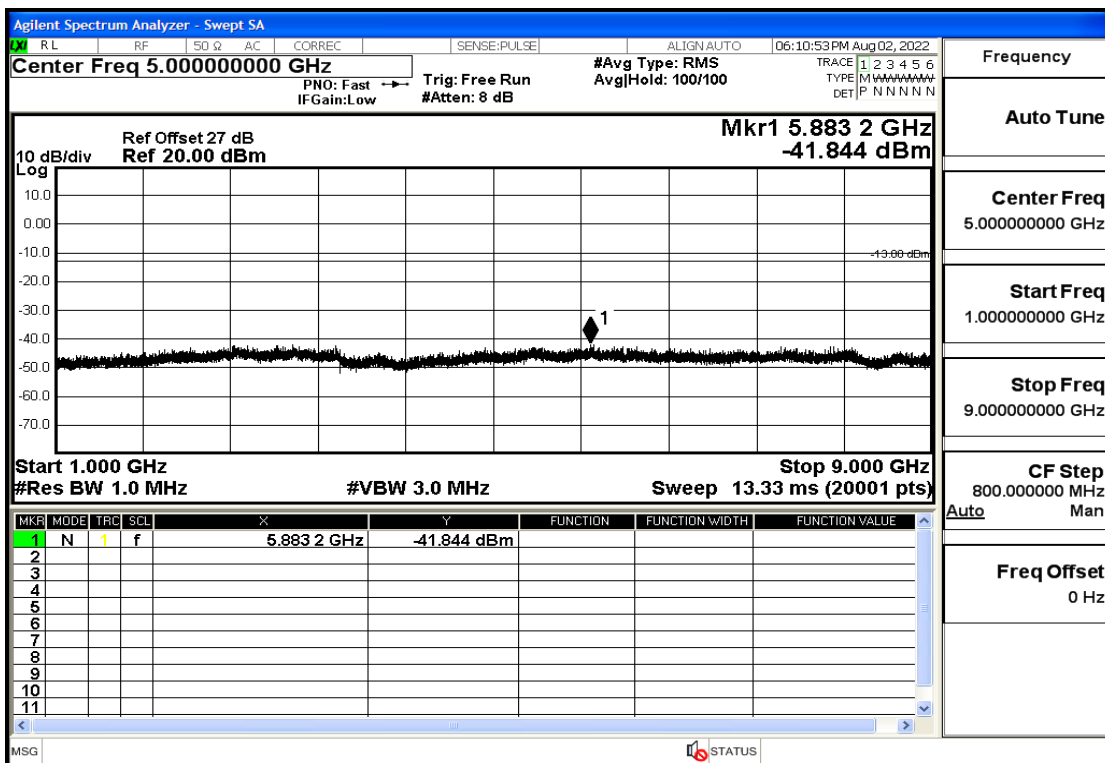
OB5-5-826.5-Q16-25#LOW@1GHz-9GHz@Pass



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

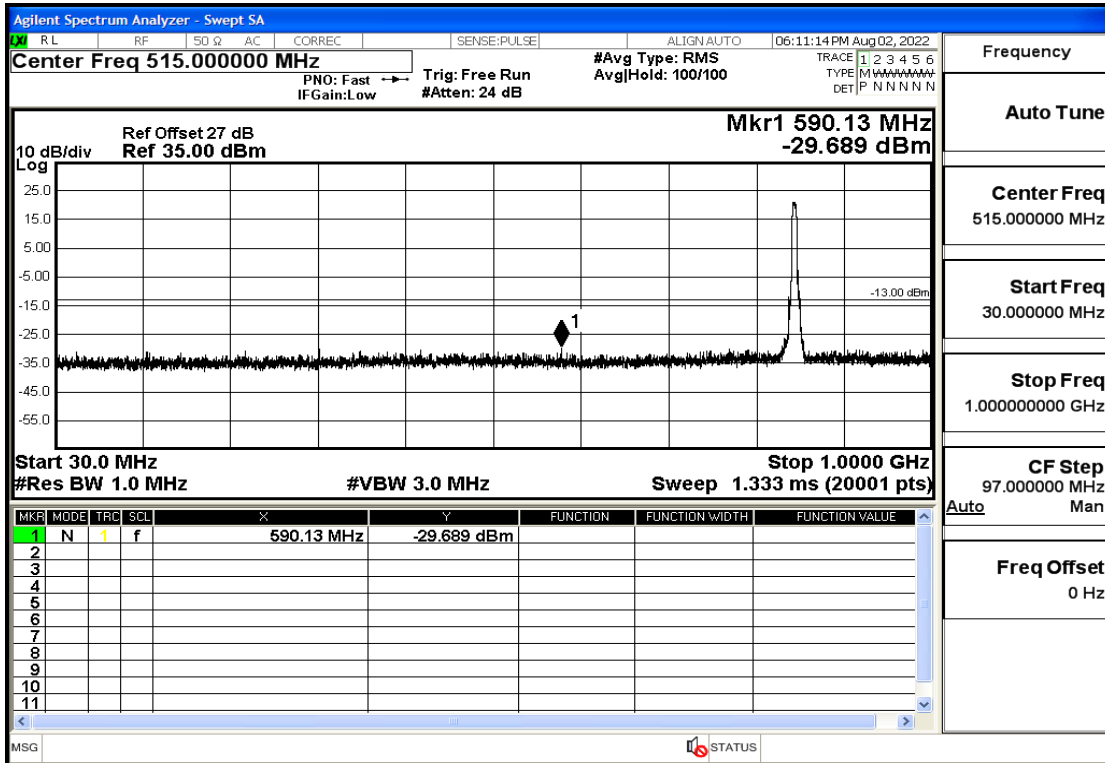


OB5-5-836.5-Q16-25#LOW@1GHz-9GHz@Pass

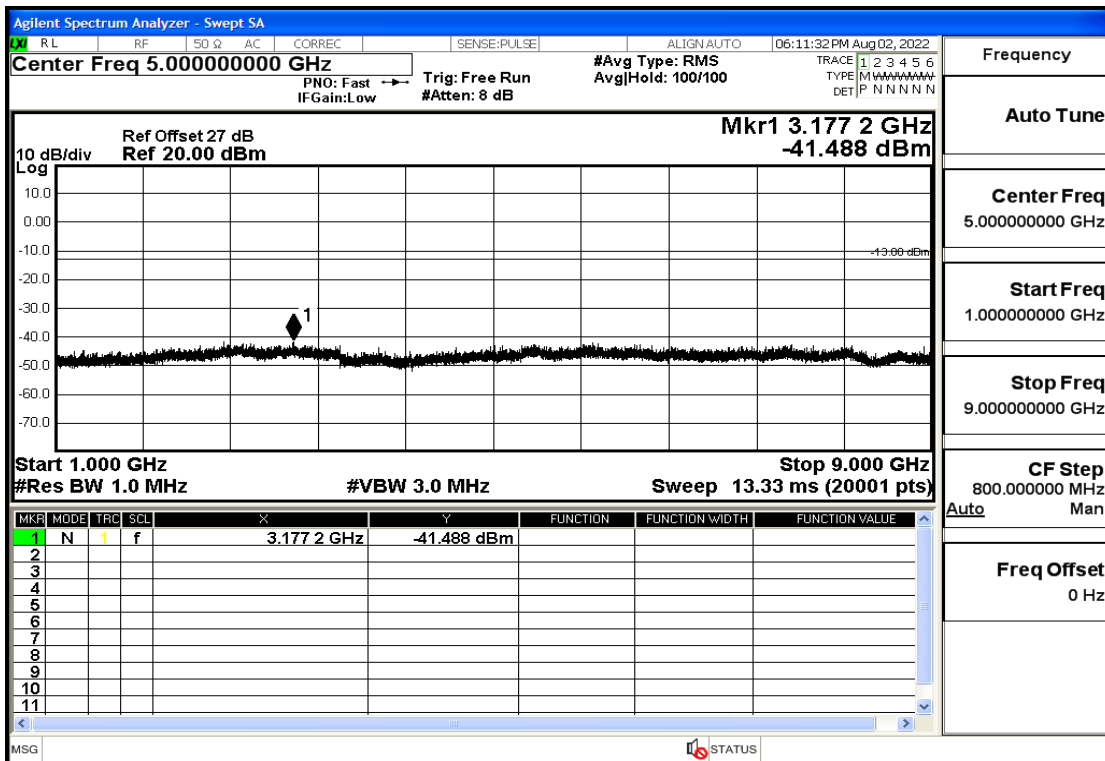




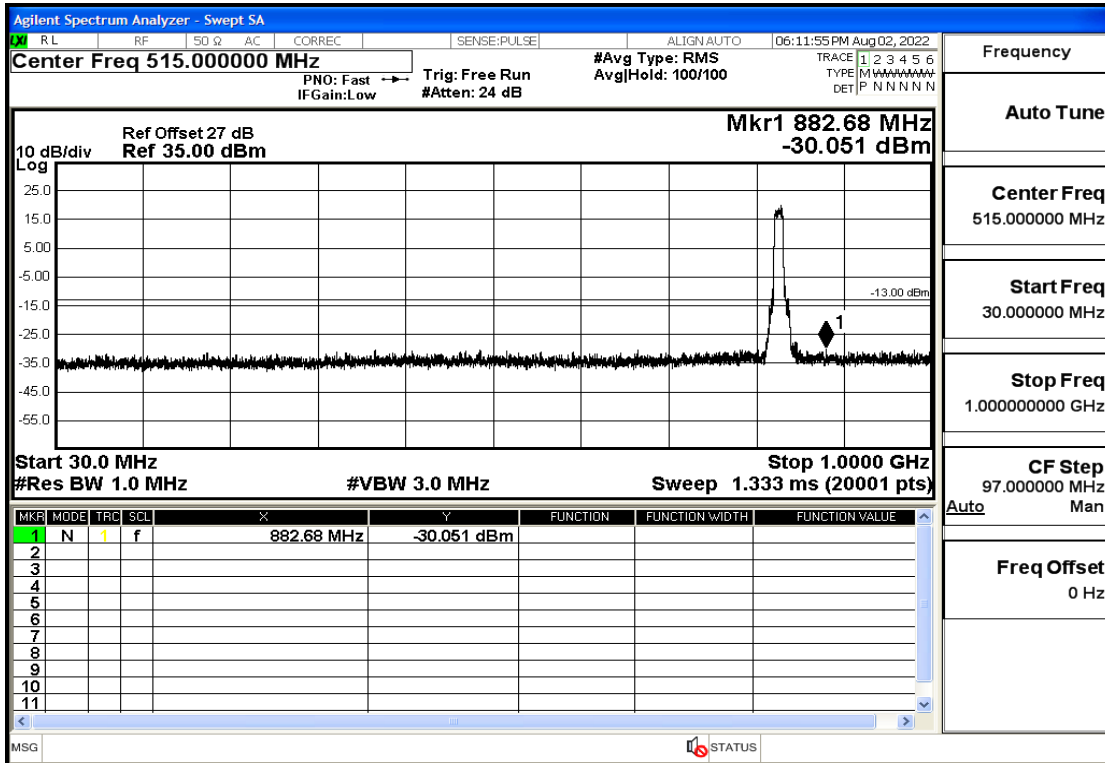
OB5-5-846.5-Q16-25#LOW@30mHz-1GHz@Pass



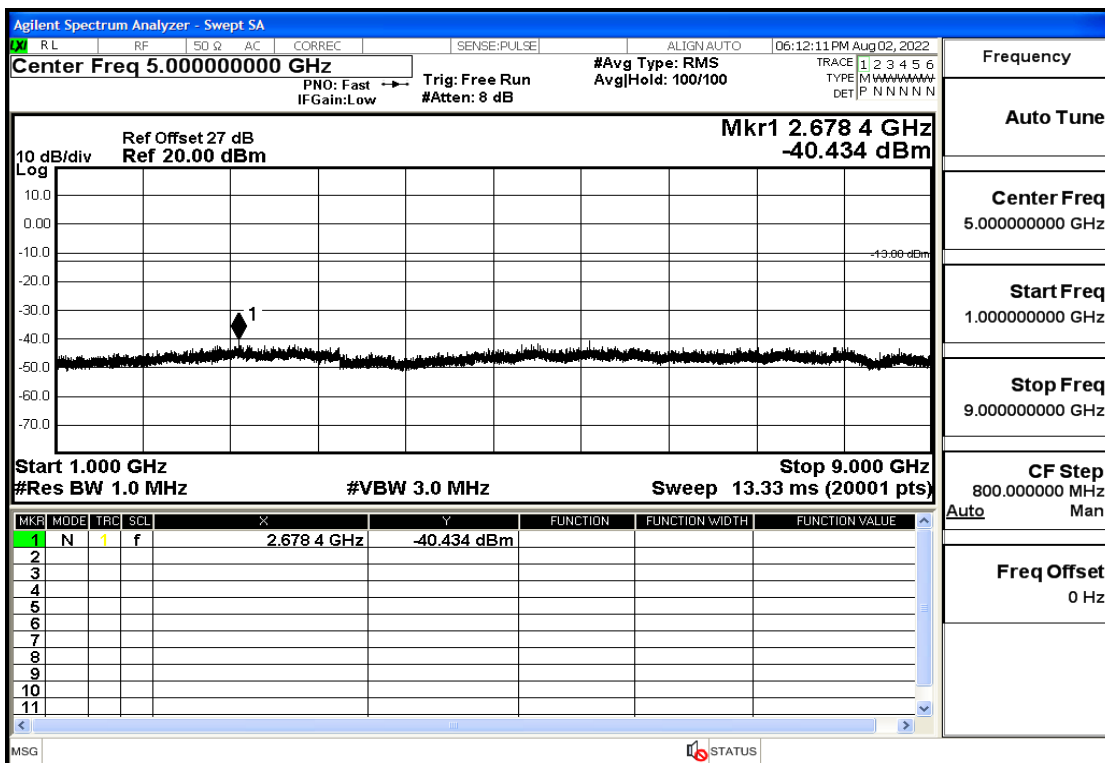
OB5-5-846.5-Q16-25#LOW@1GHz-9GHz@Pass



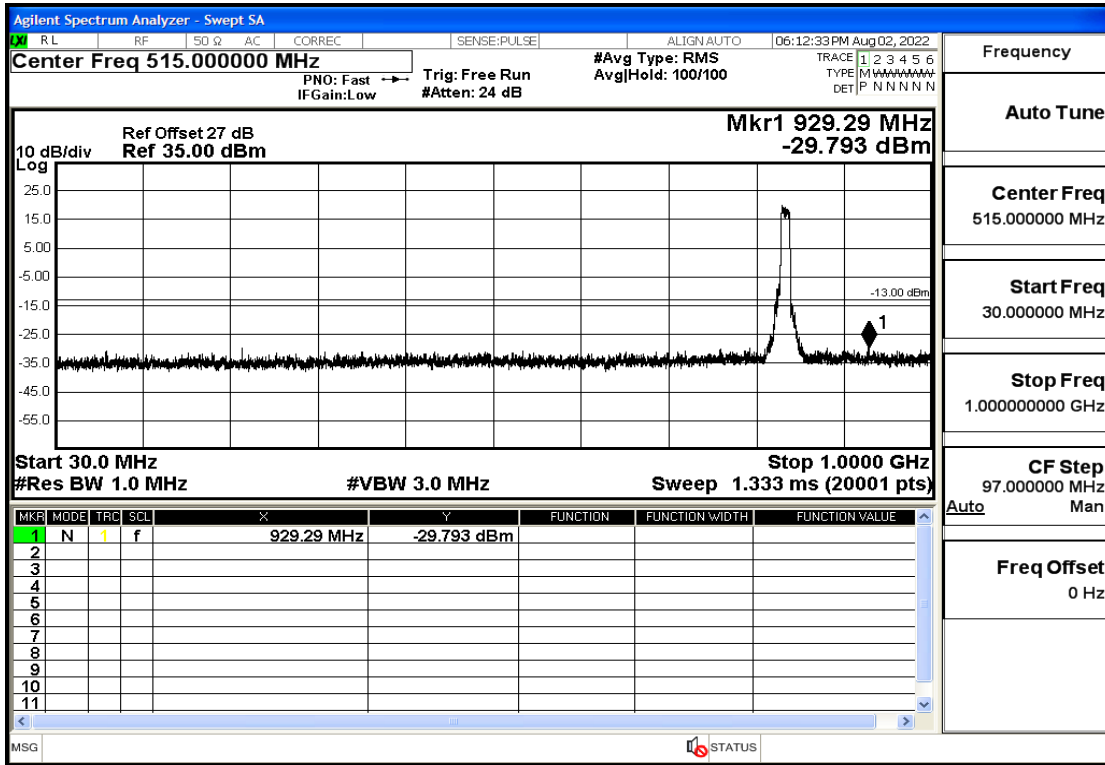
OB5-10-829-Q16-50#LOW@30mHz-1GHz@Pass



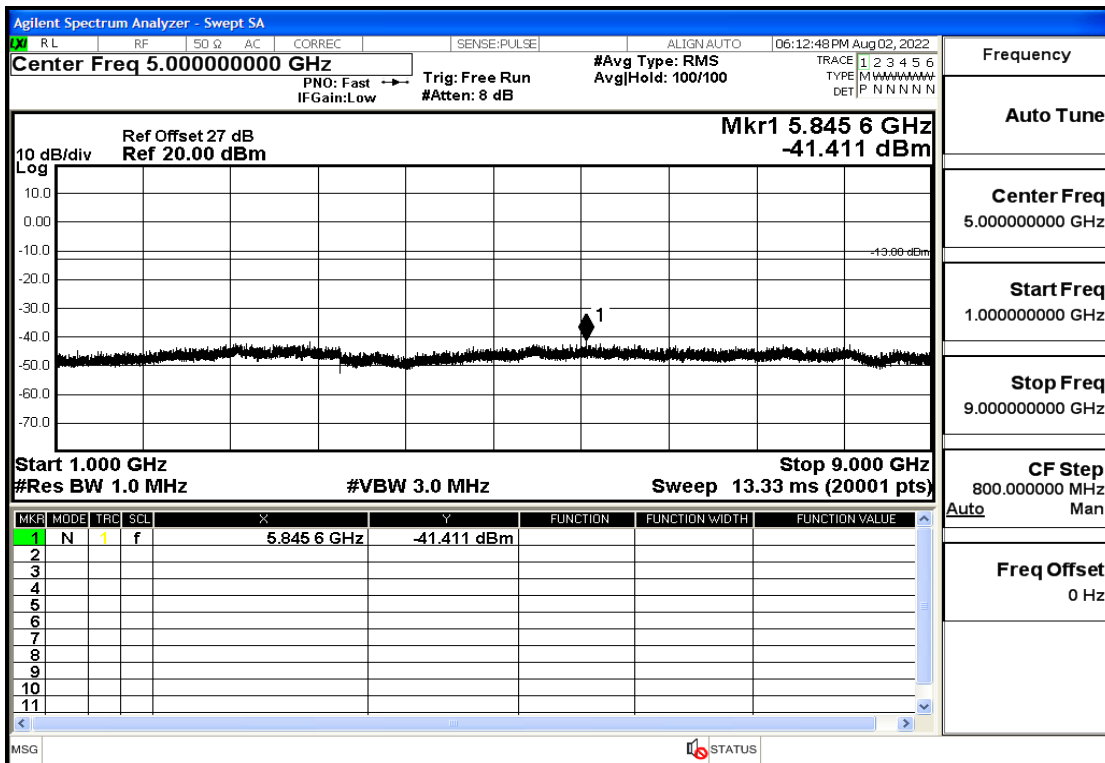
OB5-10-829-Q16-50#LOW@1GHz-9GHz@Pass



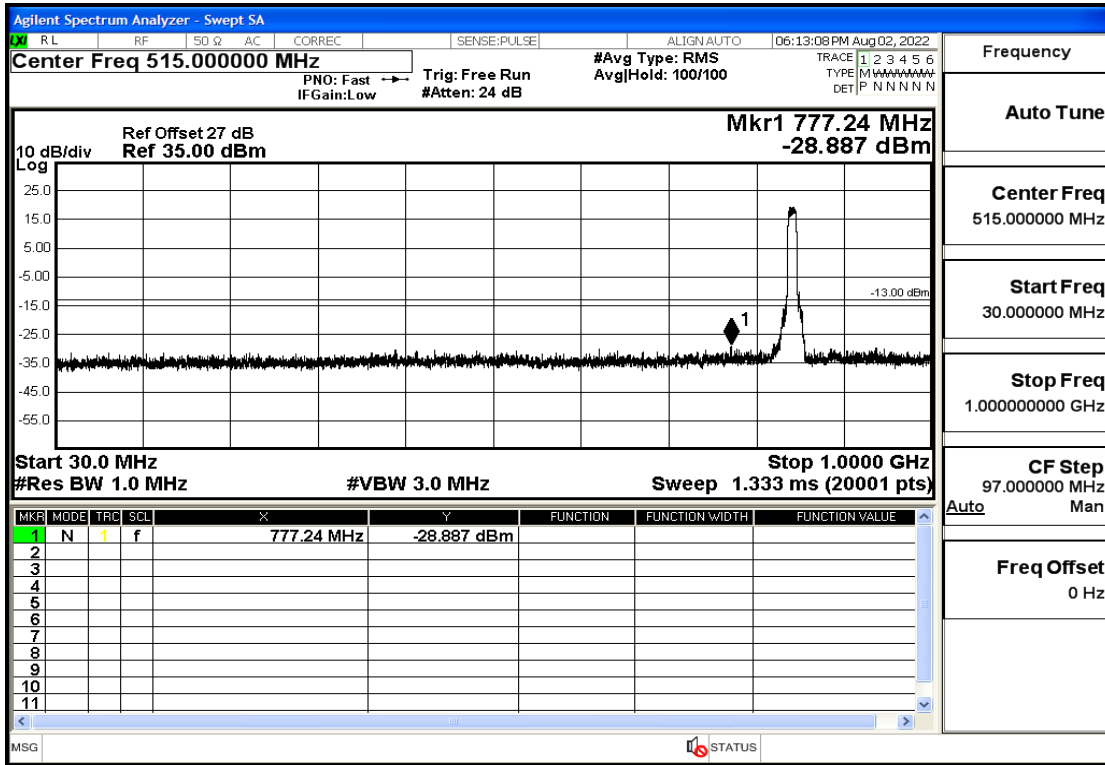
OB5-10-836.5-Q16-50#LOW@30mHz-1GHz@Pass



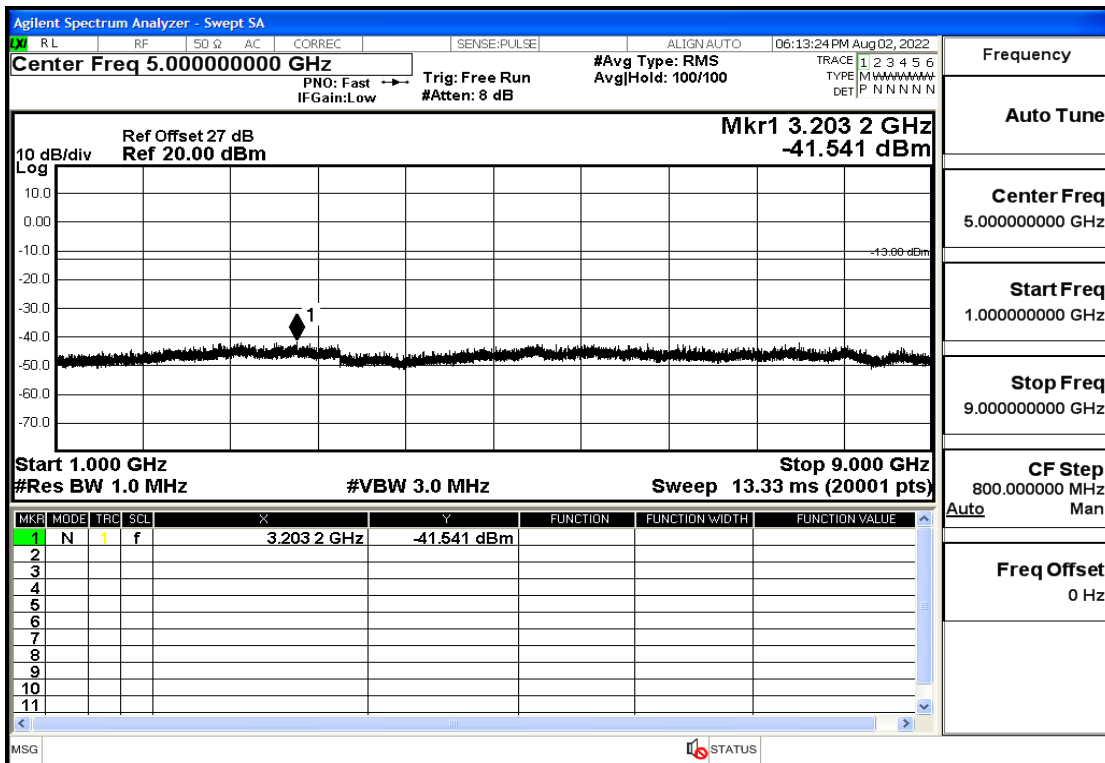
OB5-10-836.5-Q16-50#LOW@1GHz-9GHz@Pass



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



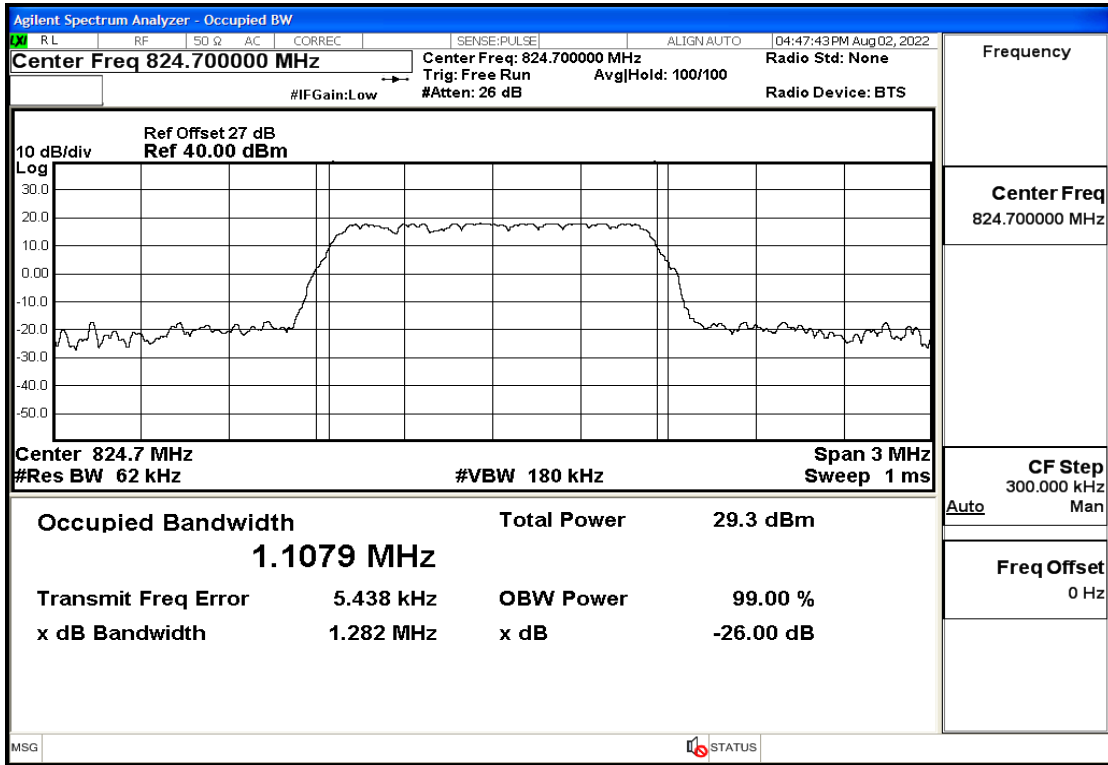
OB5-10-844-Q16-50#LOW@1GHz-9GHz@Pass



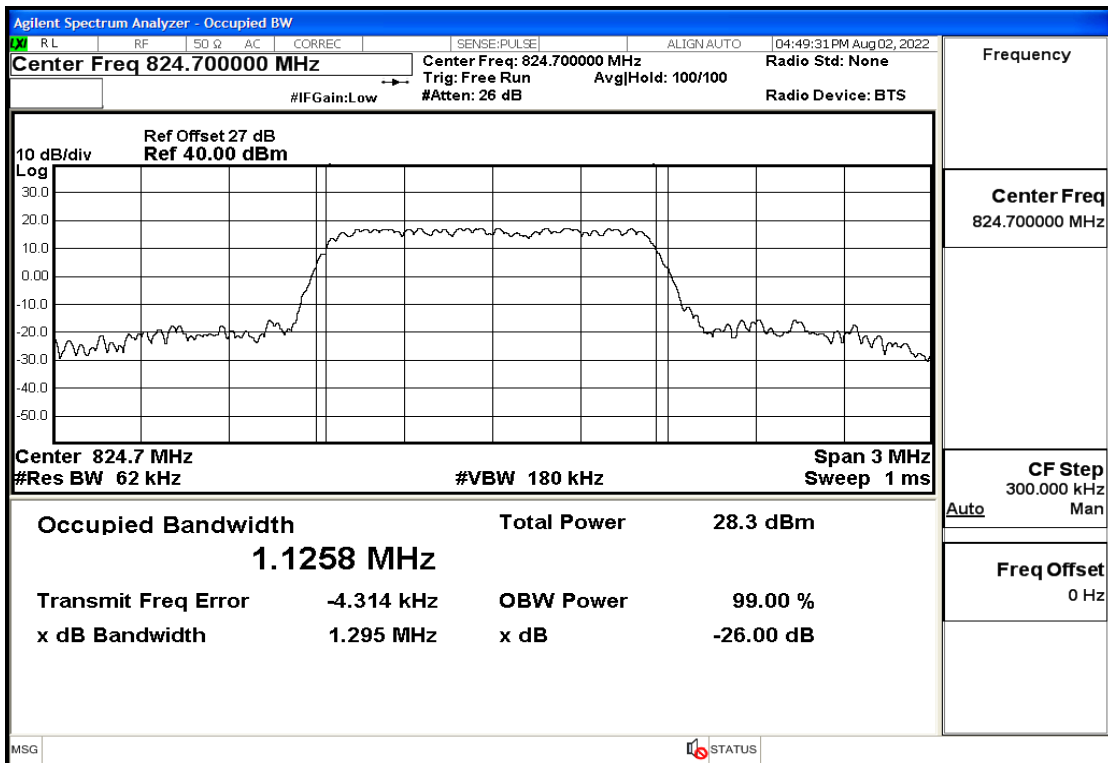
## Emission bandwidth and OBW

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	1107.9	1282	No limit
Band5	1.4	824.7	16QAM	6	LOW	1125.8	1295	No limit
Band5	1.4	836.5	QPSK	6	LOW	1119.5	1283	No limit
Band5	1.4	836.5	16QAM	6	LOW	1120.7	1288	No limit
Band5	1.4	848.3	QPSK	6	LOW	1139.6	1985	No limit
Band5	1.4	848.3	16QAM	6	LOW	1126.6	1716	No limit
Band5	3	825.5	QPSK	15	LOW	2763.6	3094	No limit
Band5	3	825.5	16QAM	15	LOW	2761.5	3086	No limit
Band5	3	836.5	QPSK	15	LOW	2765	3144	No limit
Band5	3	836.5	16QAM	15	LOW	2759.6	3101	No limit
Band5	3	847.5	QPSK	15	LOW	2789.9	3079	No limit
Band5	3	847.5	16QAM	15	LOW	2768.5	3844	No limit
Band5	5	826.5	QPSK	25	LOW	4568.3	5049	No limit
Band5	5	826.5	16QAM	25	LOW	4590.8	5059	No limit
Band5	5	836.5	QPSK	25	LOW	4570.5	5073	No limit
Band5	5	836.5	16QAM	25	LOW	4560.2	5110	No limit
Band5	5	846.5	QPSK	25	LOW	4588	5039	No limit
Band5	5	846.5	16QAM	25	LOW	4595.5	5074	No limit
Band5	10	829	QPSK	50	LOW	9110.9	10140	No limit
Band5	10	829	16QAM	50	LOW	9109.9	10150	No limit
Band5	10	836.5	QPSK	50	LOW	9146.1	9953	No limit
Band5	10	836.5	16QAM	50	LOW	9109	10130	No limit
Band5	10	844	QPSK	50	LOW	9093.8	10020	No limit
Band5	10	844	16QAM	50	LOW	9097.6	10100	No limit

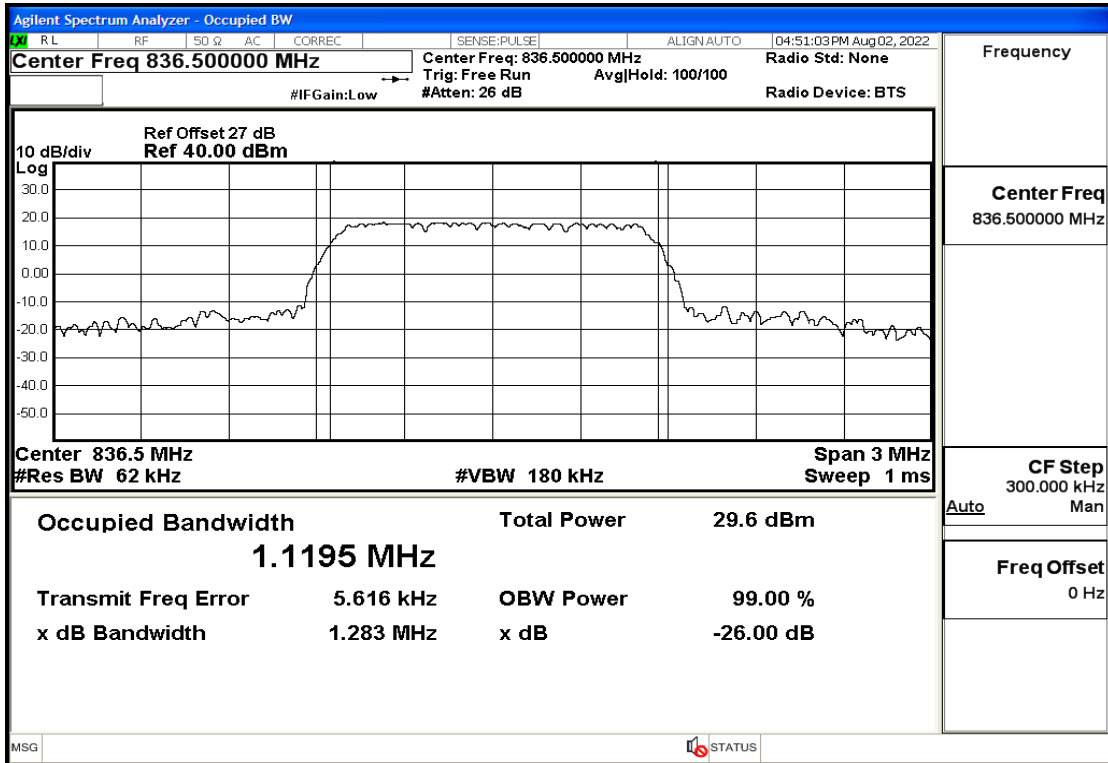
Band5-1.4-824.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



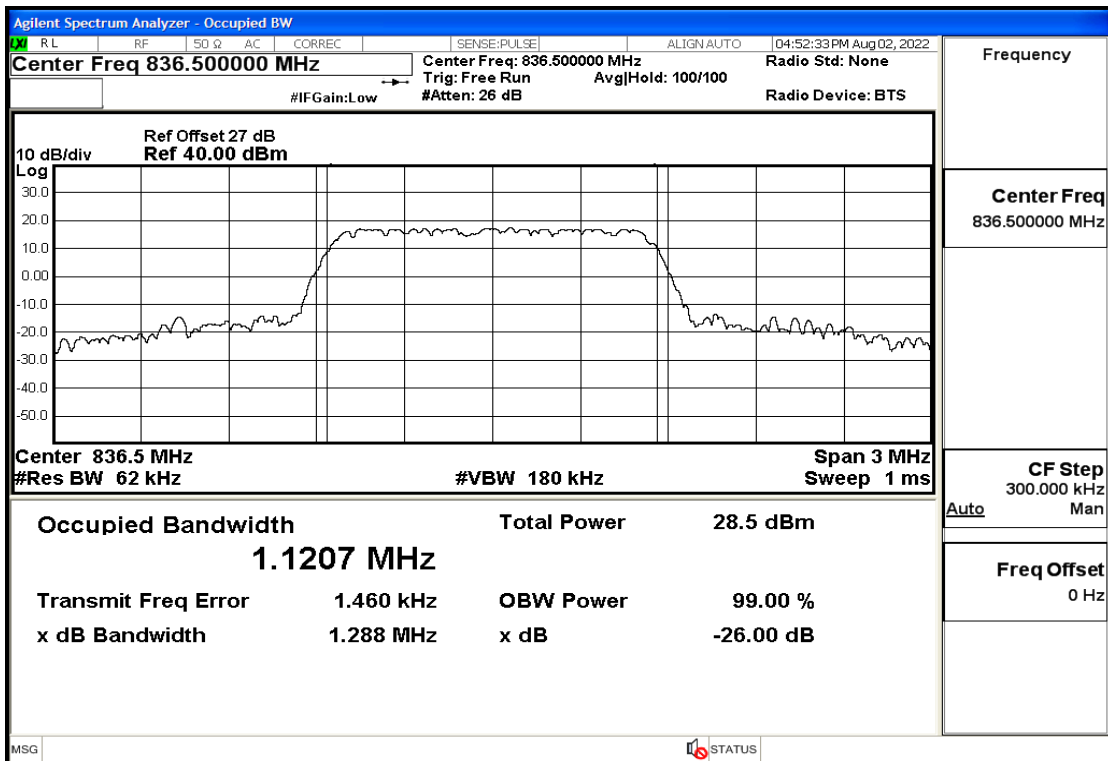
Band5-1.4-824.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



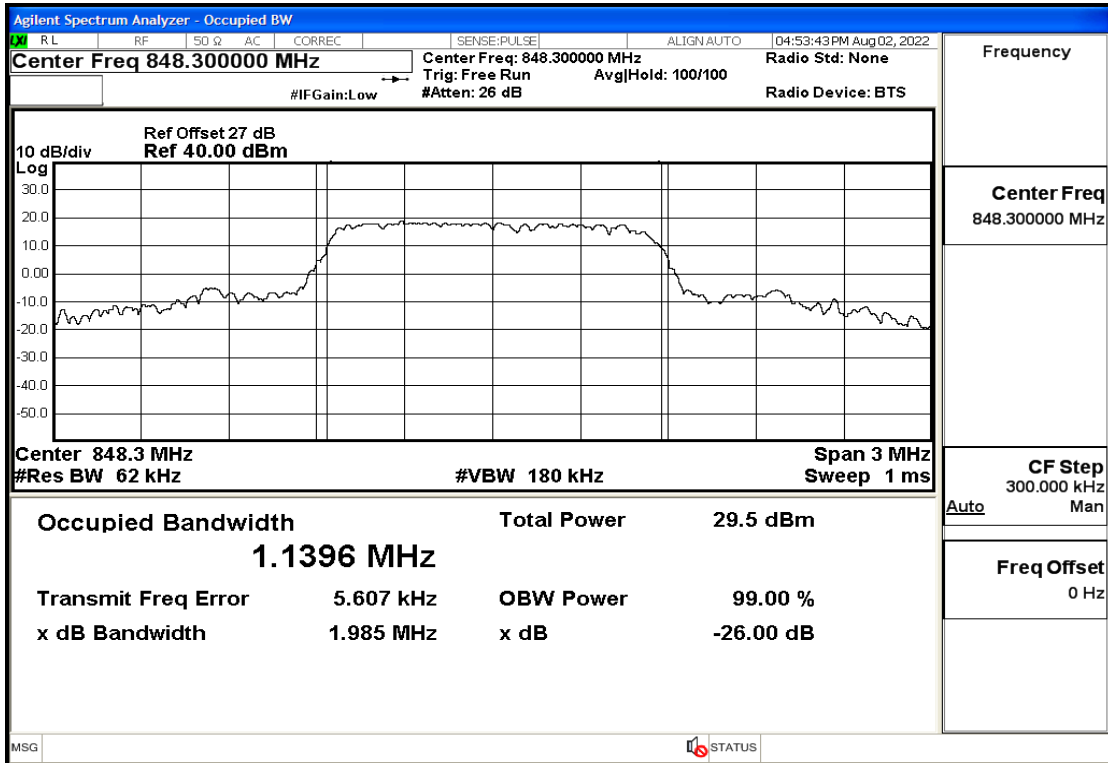
Band5-1.4-836.5-QPSK-6#LOW@26dB and 99PCT Bandwidth



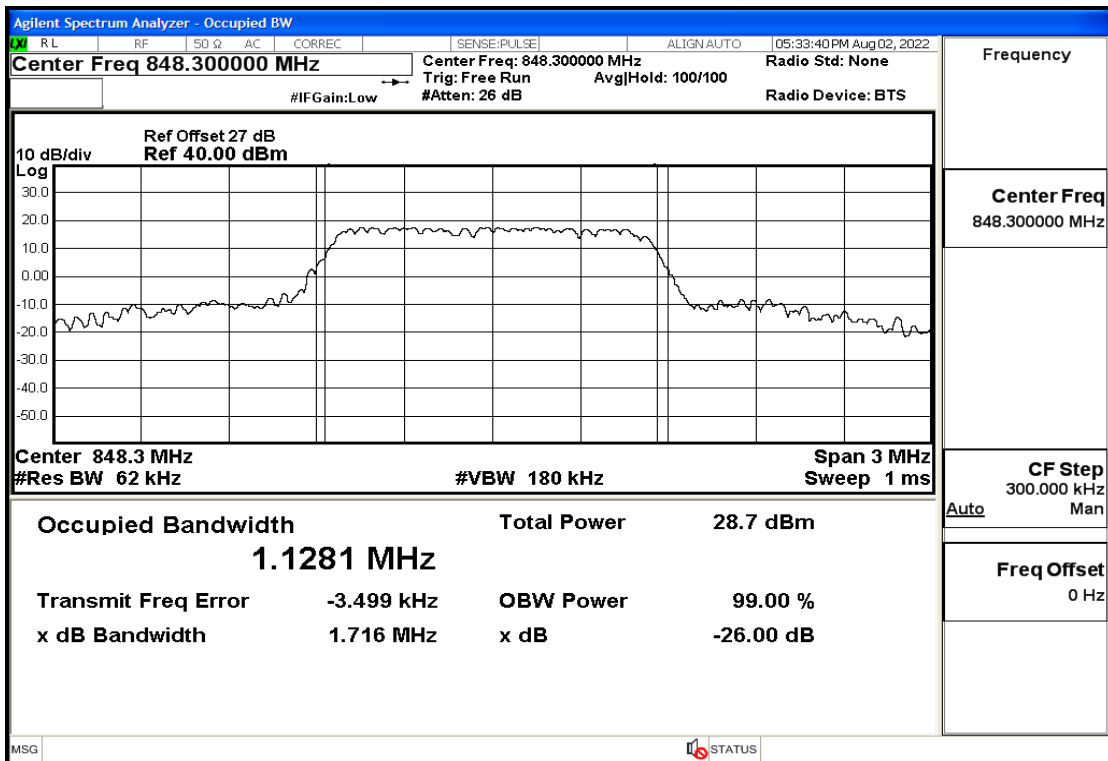
Band5-1.4-836.5-16QAM-6#LOW@26dB and 99PCT Bandwidth



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

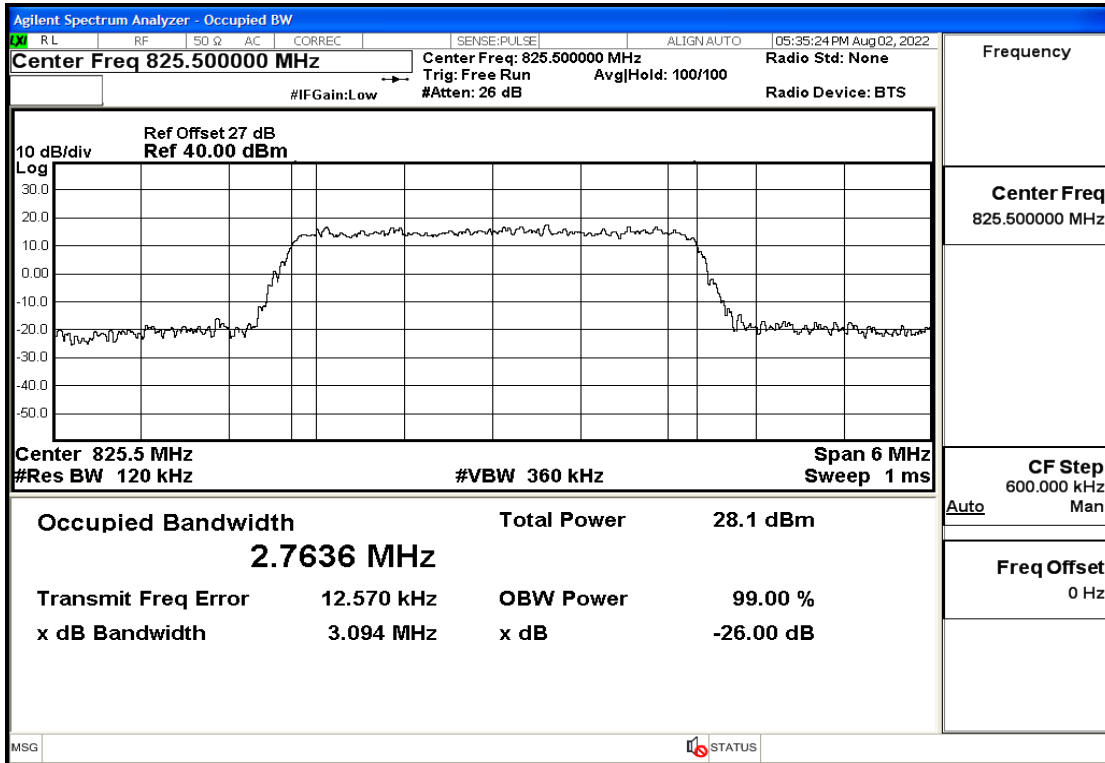


Band5-1.4-848.3-16QAM-6#LOW@26dB and 99PCT Bandwidth

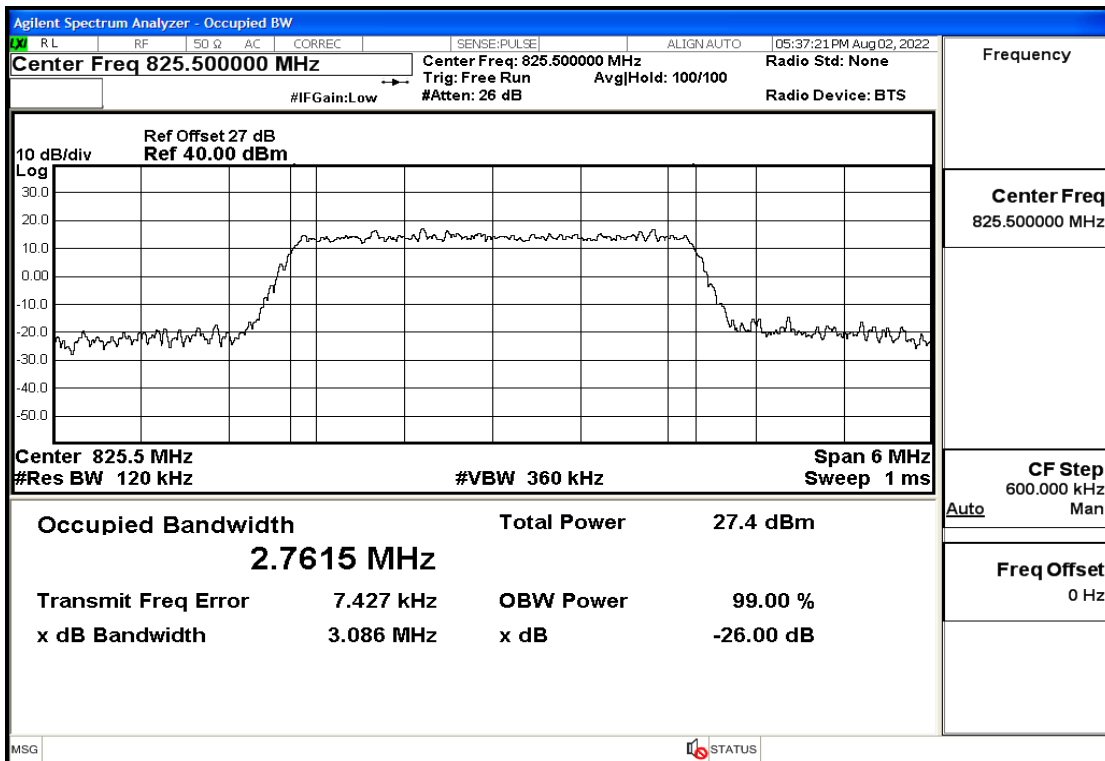




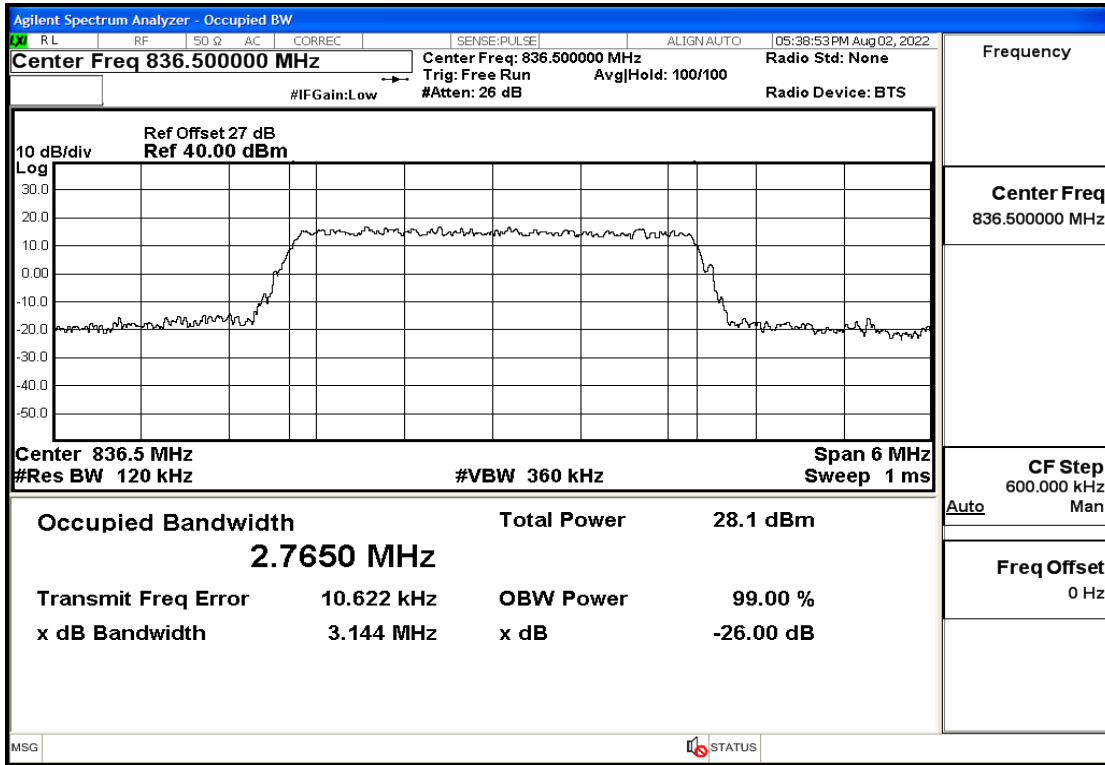
Band5-3-825.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



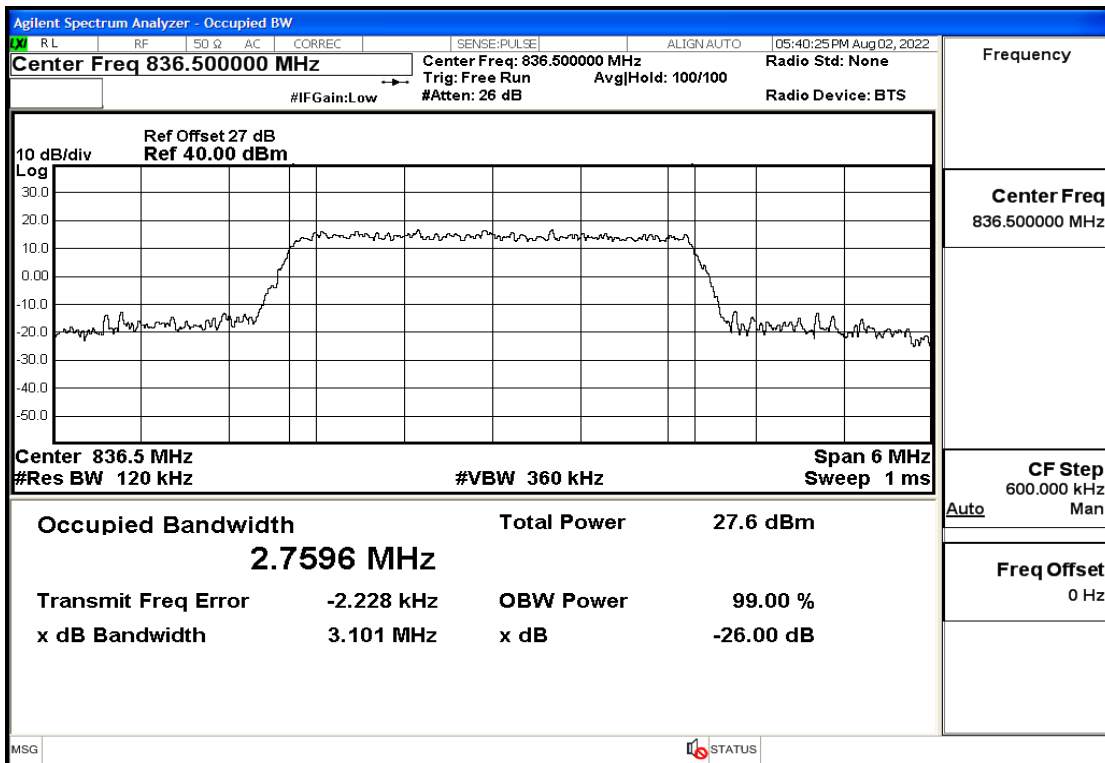
Band5-3-825.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



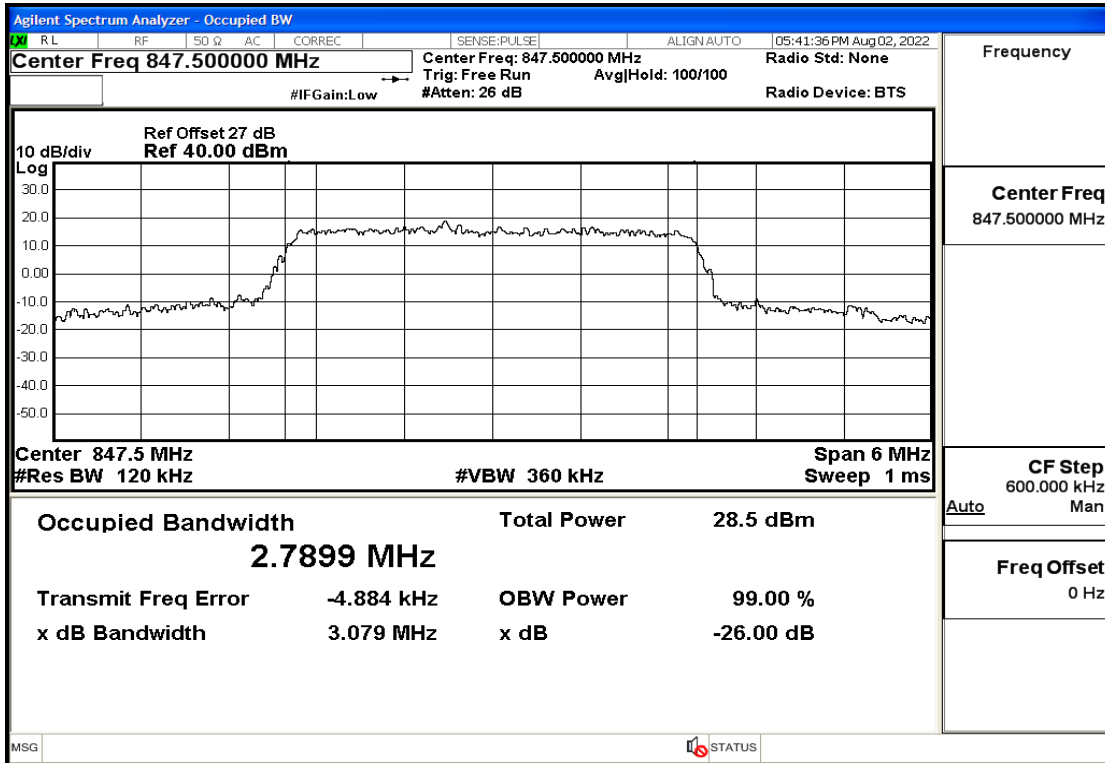
Band5-3-836.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



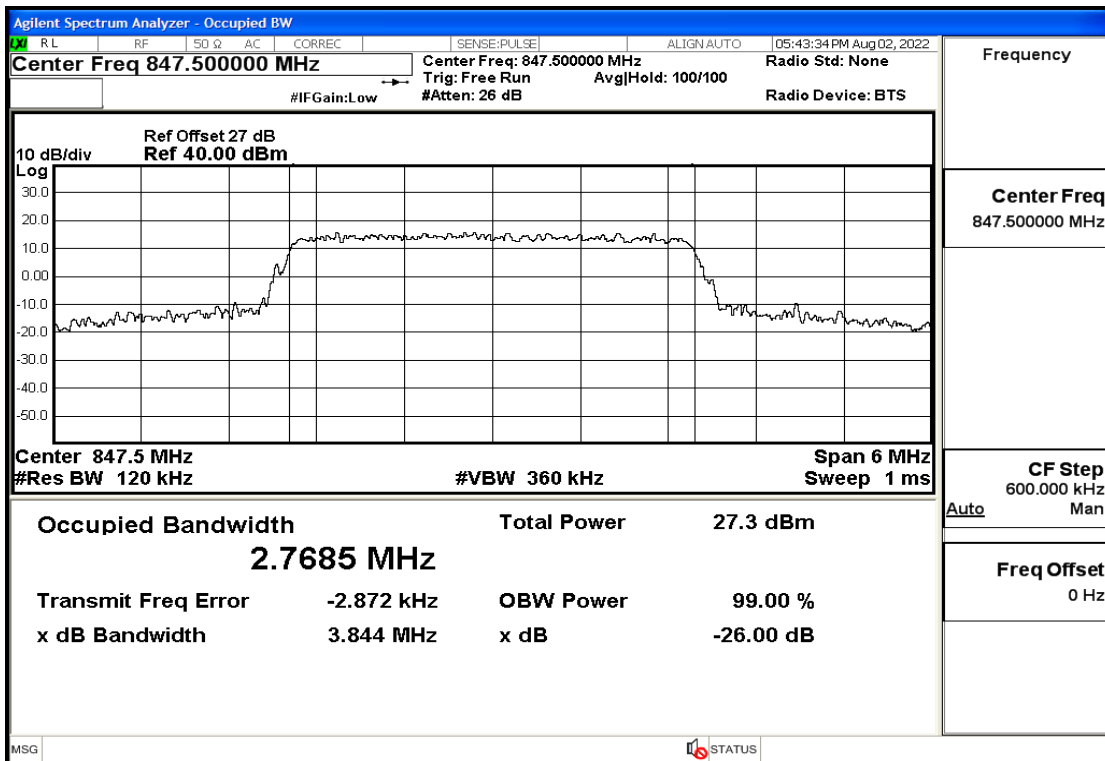
Band5-3-836.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



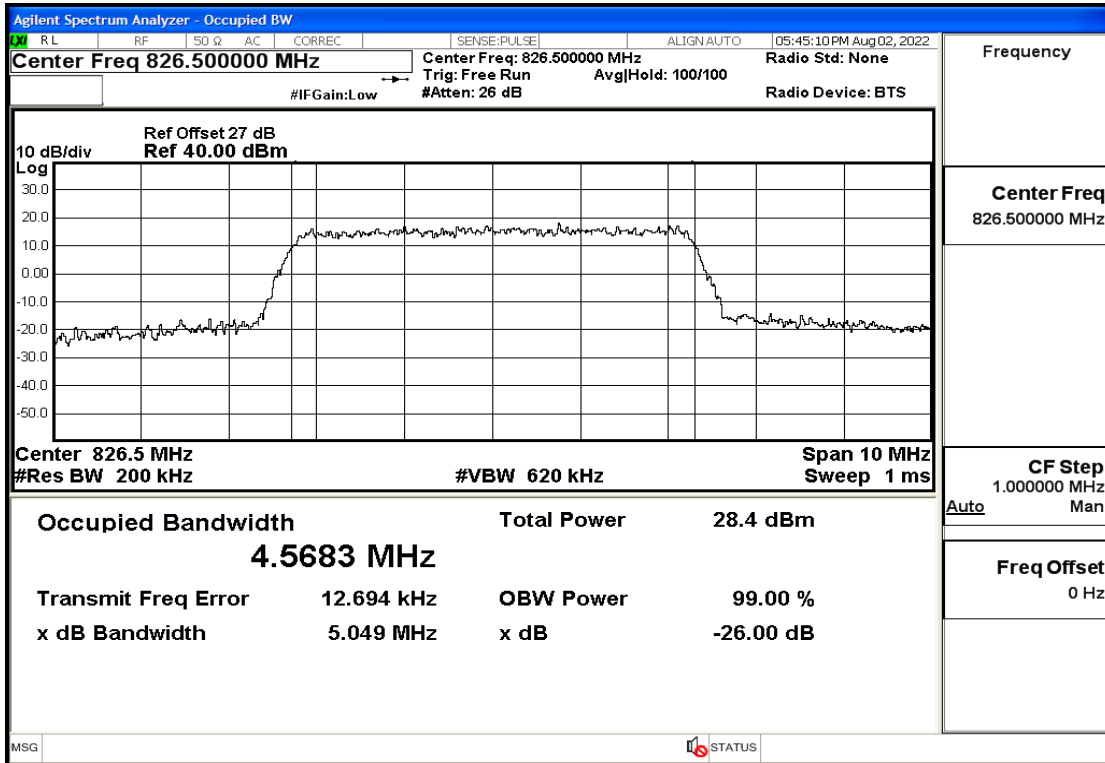
Band5-3-847.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



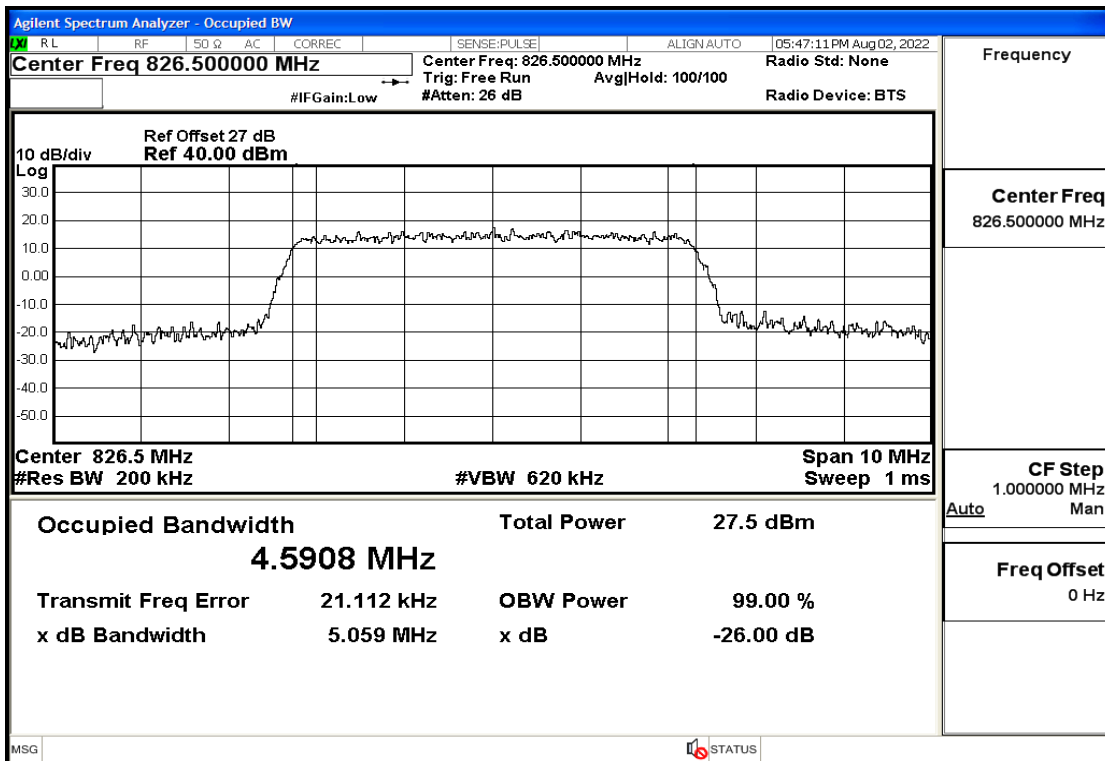
Band5-3-847.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



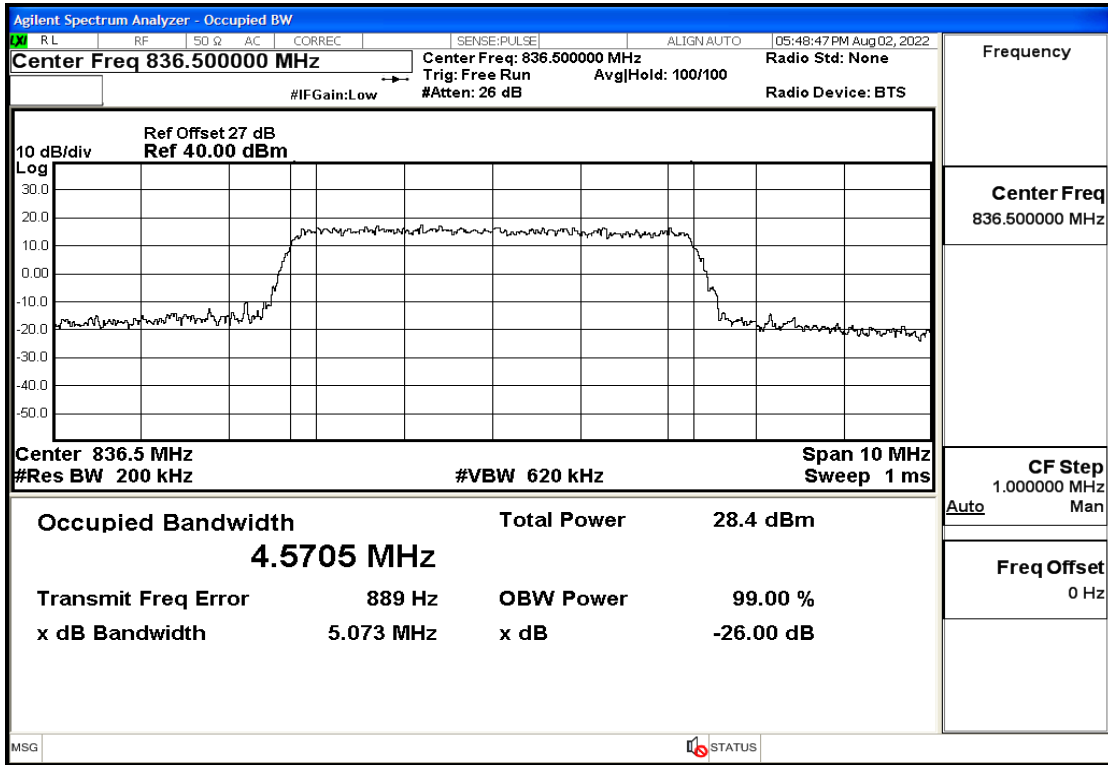
Band5-5-826.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



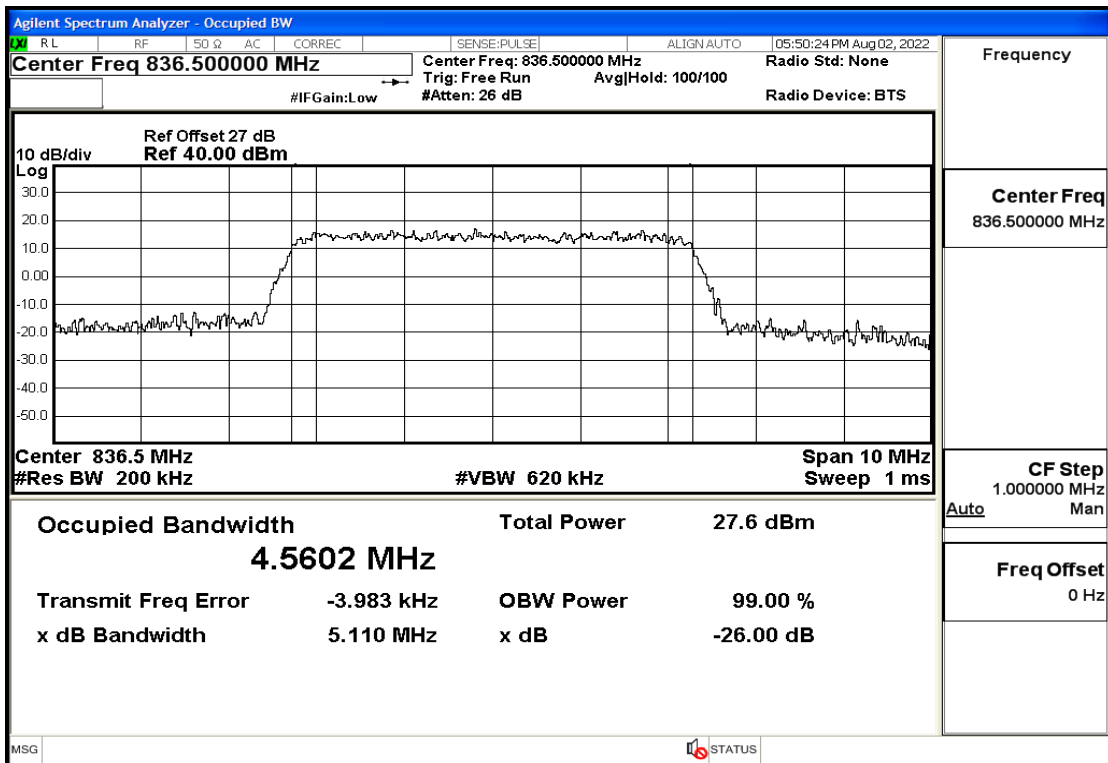
Band5-5-826.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



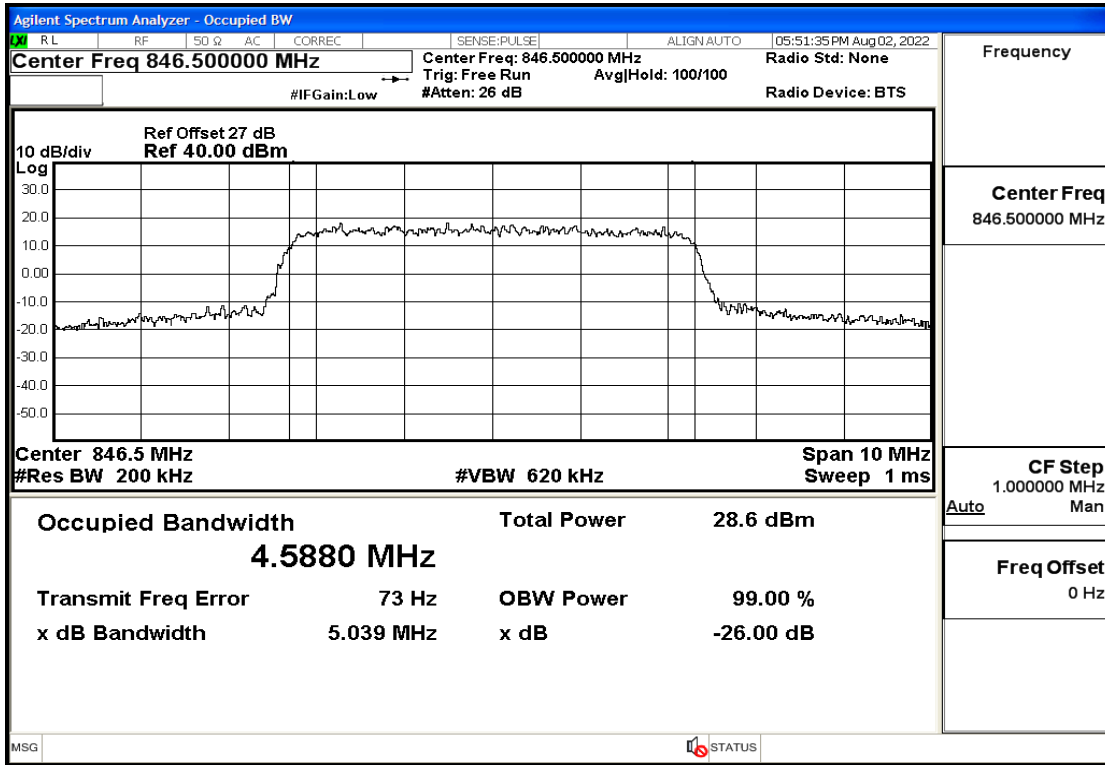
Band5-5-836.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



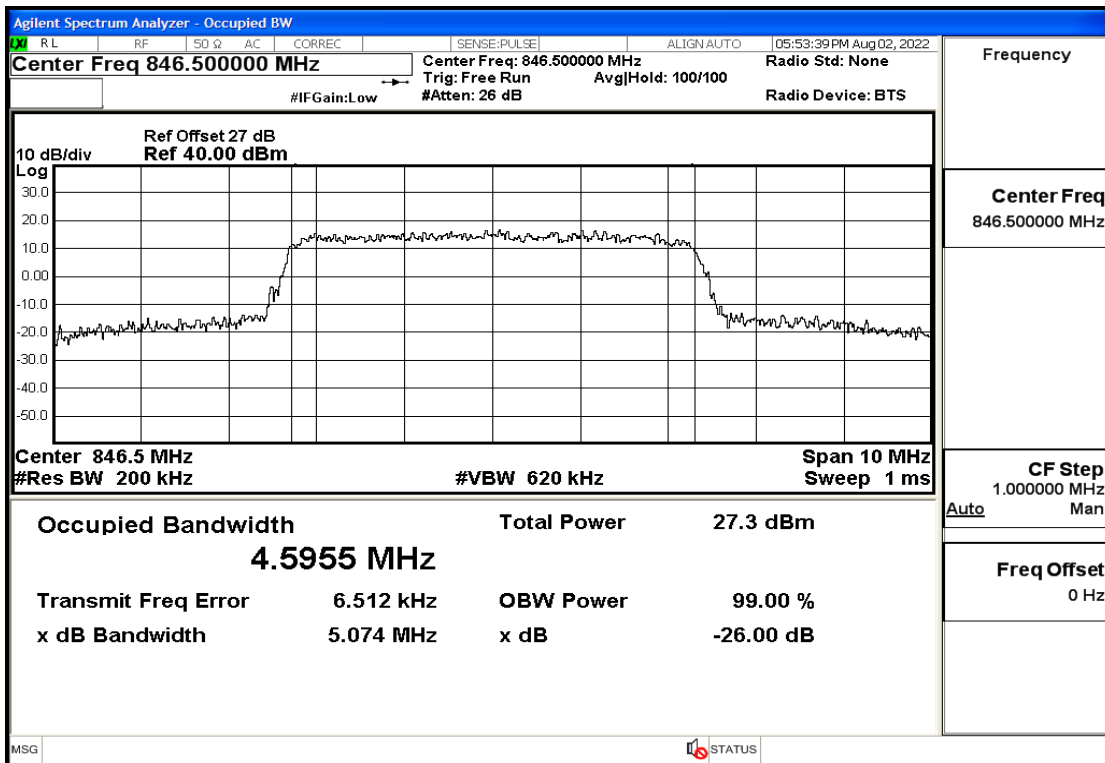
Band5-5-836.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



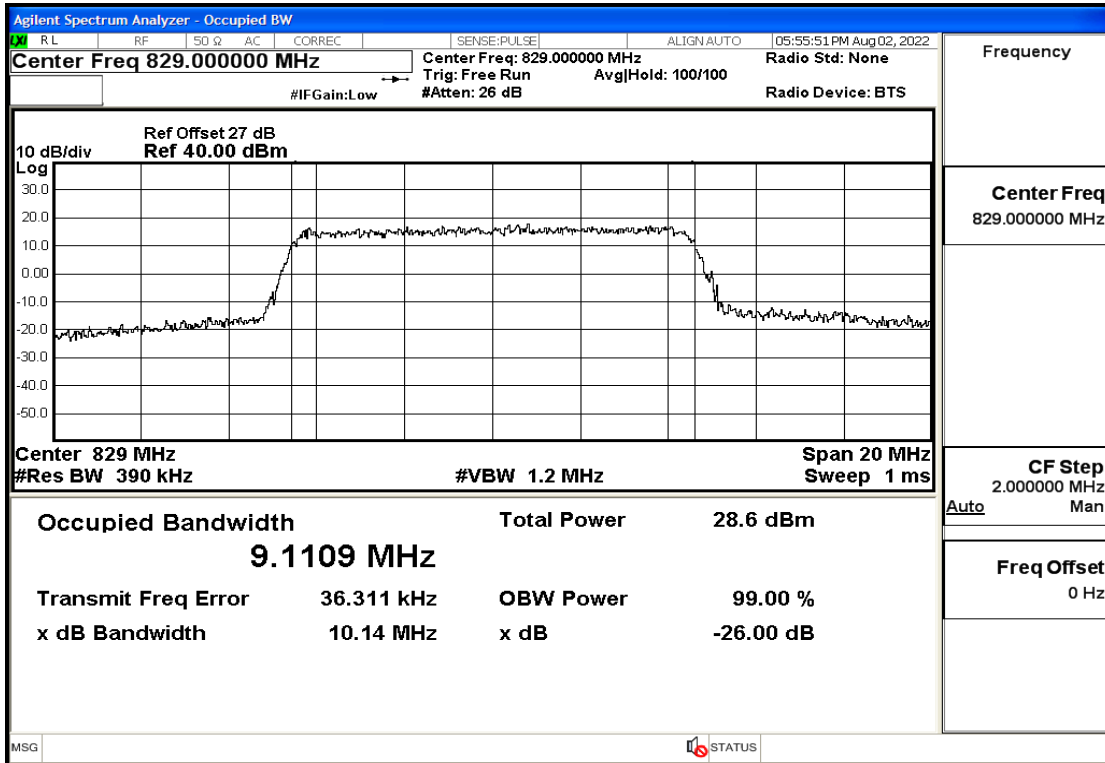
Band5-5-846.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



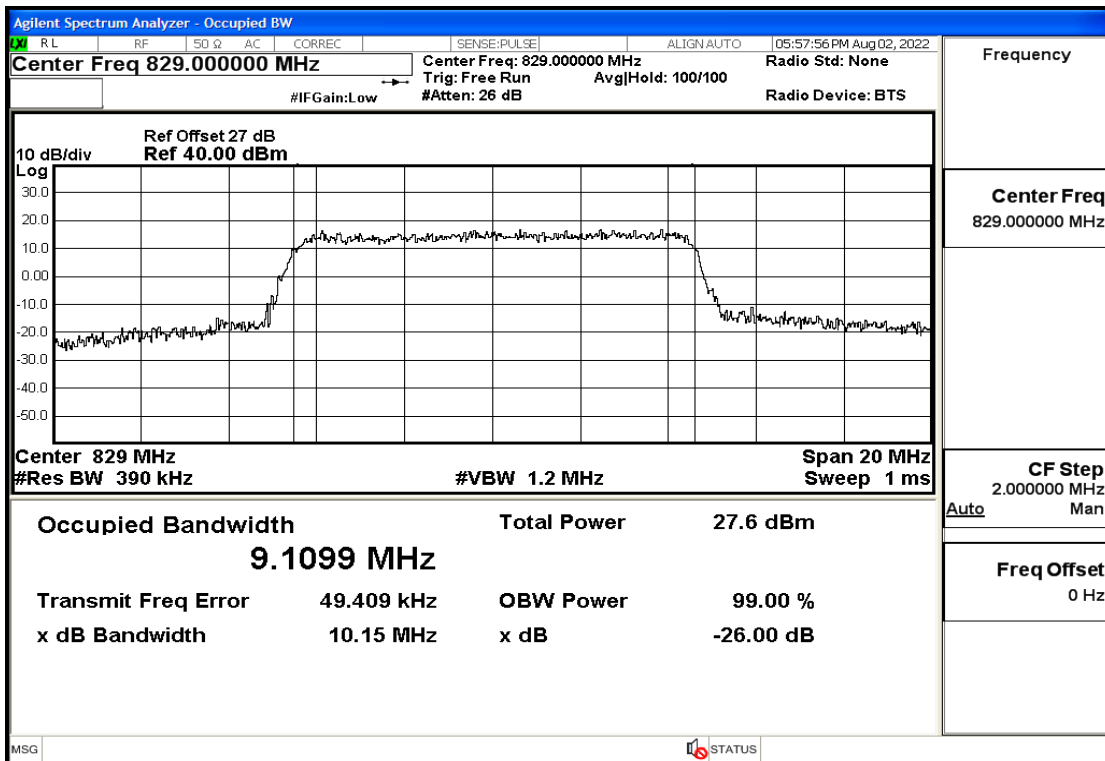
Band5-5-846.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



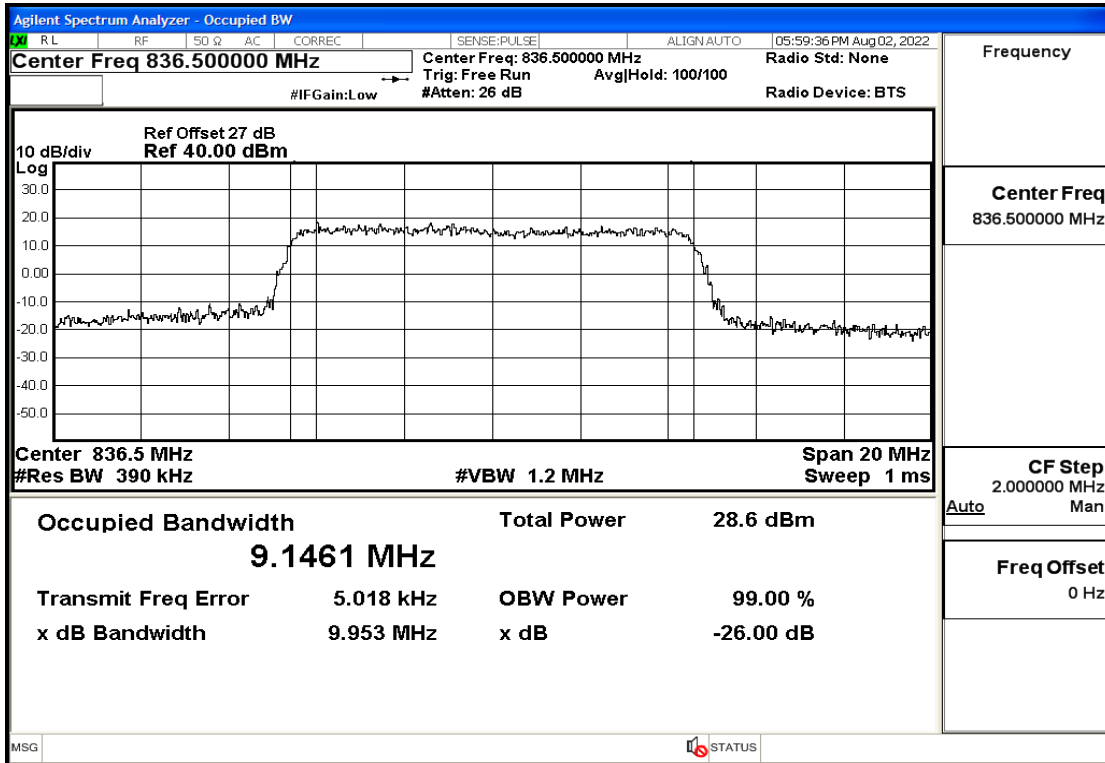
Band5-10-829-QPSK-50#LOW@26dB and 99PCT Bandwidth



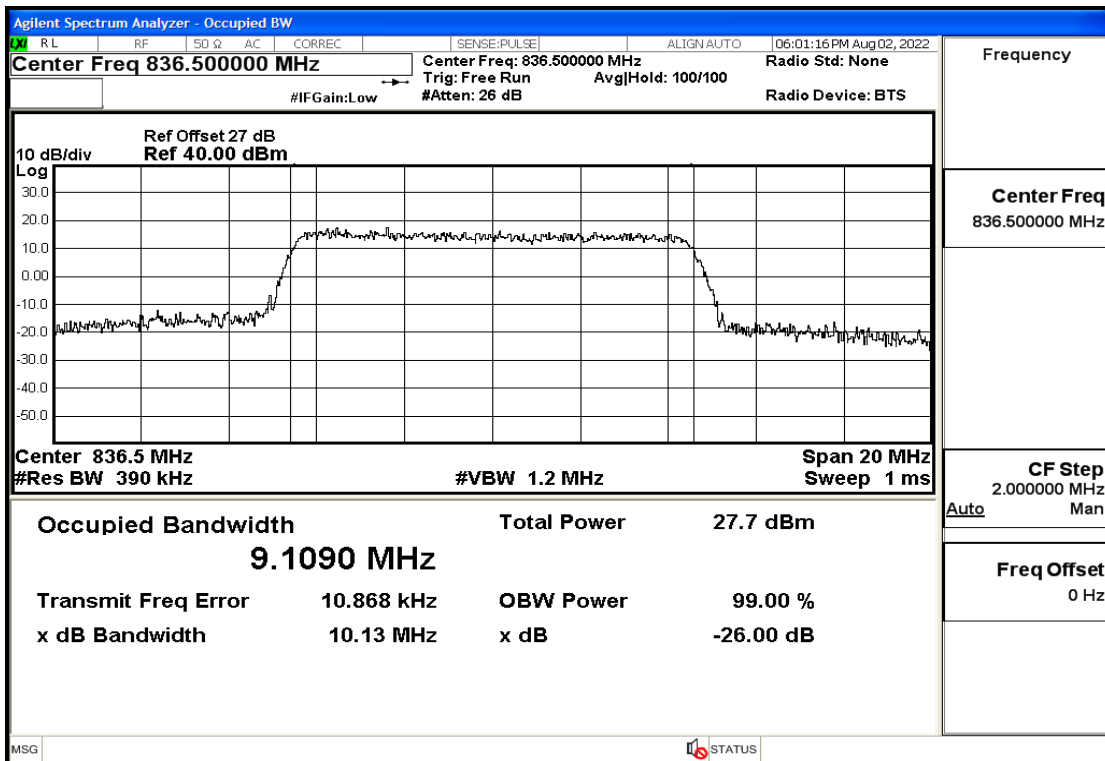
Band5-10-829-16QAM-50#LOW@26dB and 99PCT Bandwidth



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

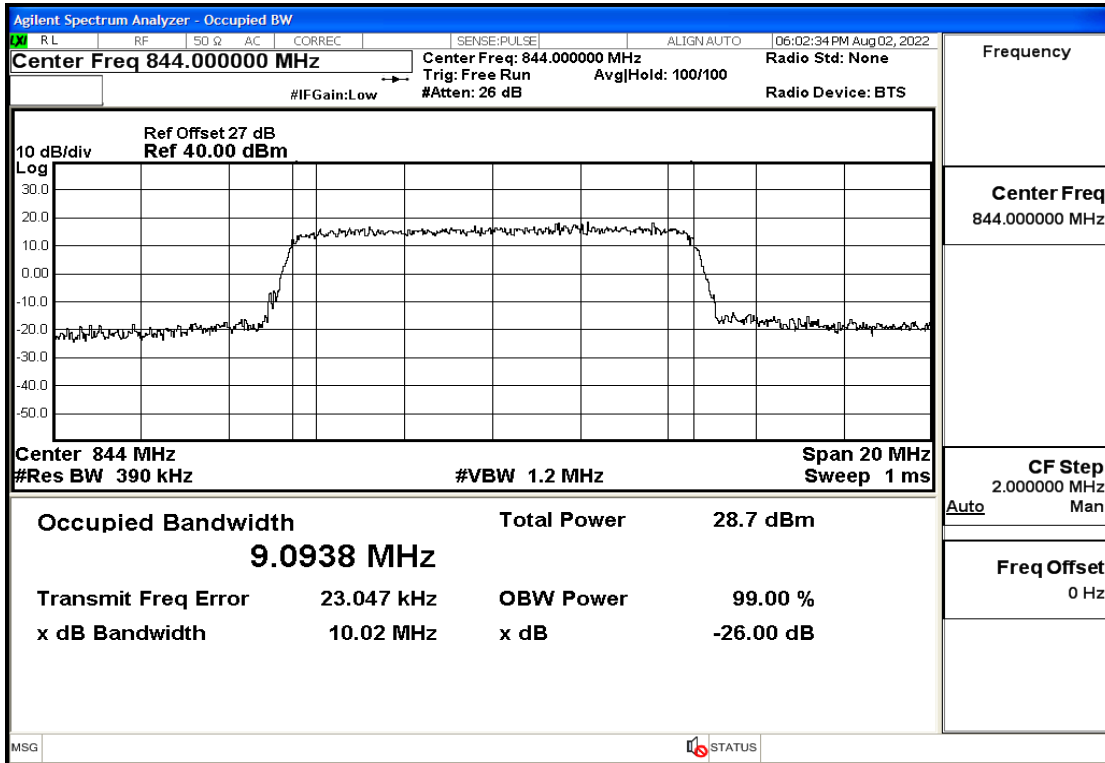


Band5-10-836.5-16QAM-50#LOW@26dB and 99PCT Bandwidth

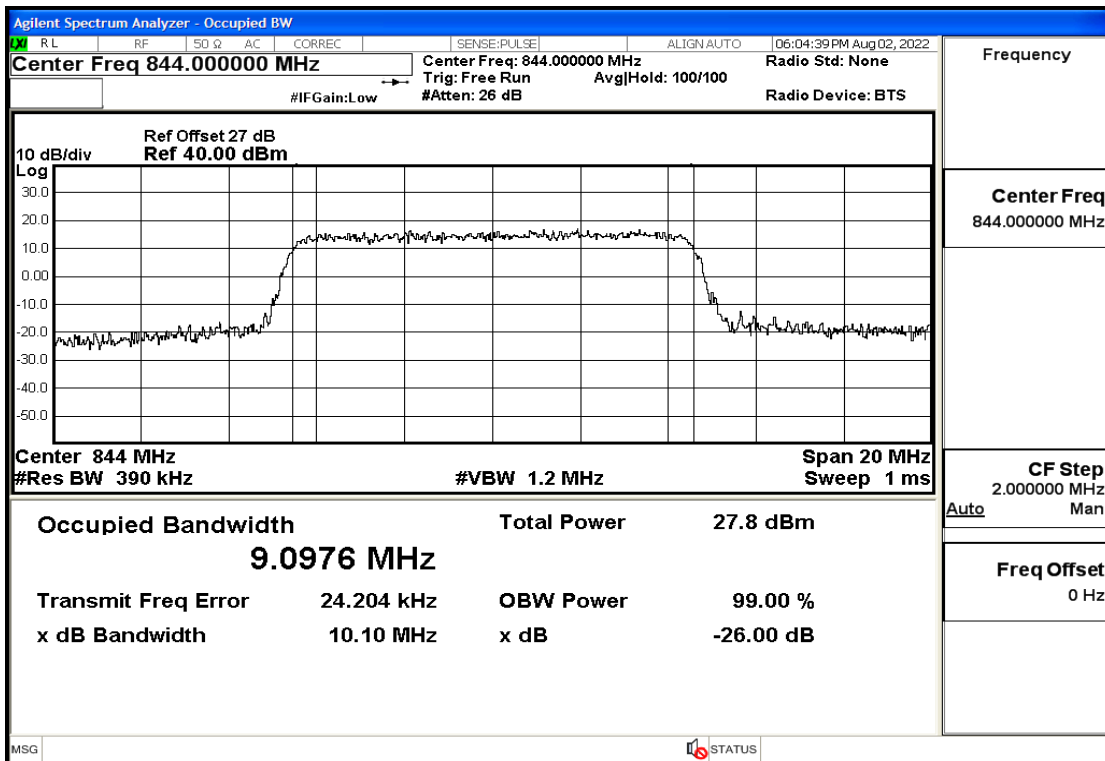




Band5-10-844-QPSK-50#LOW@26dB and 99PCT Bandwidth



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	0.0608	PASS
40	Normal Voltage	0.0366	
30	Normal Voltage	0.0193	
20(Ref.)	Normal Voltage	0.0285	
10	Normal Voltage	0.0600	
0	Normal Voltage	0.0172	
-10	Normal Voltage	0.0493	
-20	Normal Voltage	0.0324	
-30	Normal Voltage	0.0180	
20	Maximum Voltage	0.0198	
20	Normal Voltage	0.0289	
20	Battery End Point	0.0637	

## 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	20.87	26.67	5.8	13	0	18.72	38.5	Pass
Band5	1.4	824.7	QPSK	3	LOW	21.76	26.23	4.47	13	0	19.61	38.5	Pass
Band5	1.4	824.7	QPSK	3	MID	21.74	26.32	4.58	13	0	19.59	38.5	Pass
Band5	1.4	824.7	QPSK	3	HIGH	21.79	26.07	4.28	13	0	19.64	38.5	Pass
Band5	1.4	824.7	QPSK	1	LOW	21.7	25.89	4.19	13	0	19.55	38.5	Pass
Band5	1.4	824.7	QPSK	1	MID	21.8	26.03	4.23	13	0	19.65	38.5	Pass
Band5	1.4	824.7	QPSK	1	HIGH	21.83	25.97	4.14	13	0	19.68	38.5	Pass
Band5	1.4	824.7	16QAM	6	LOW	19.92	26.61	6.69	13	0	17.77	38.5	Pass
Band5	1.4	824.7	16QAM	3	LOW	20.92	26.01	5.09	13	0	18.77	38.5	Pass
Band5	1.4	824.7	16QAM	3	MID	20.9	26	5.1	13	0	18.75	38.5	Pass
Band5	1.4	824.7	16QAM	3	HIGH	20.85	26.08	5.23	13	0	18.7	38.5	Pass
Band5	1.4	824.7	16QAM	1	LOW	21.36	25.99	4.63	13	0	19.21	38.5	Pass
Band5	1.4	824.7	16QAM	1	MID	21.42	25.93	4.51	13	0	19.27	38.5	Pass
Band5	1.4	824.7	16QAM	1	HIGH	21.46	25.88	4.42	13	0	19.31	38.5	Pass
Band5	1.4	836.5	QPSK	6	LOW	20.88	26.08	5.2	13	0	18.73	38.5	Pass
Band5	1.4	836.5	QPSK	3	LOW	21.91	26.06	4.15	13	0	19.76	38.5	Pass
Band5	1.4	836.5	QPSK	3	MID	21.9	26.01	4.11	13	0	19.75	38.5	Pass
Band5	1.4	836.5	QPSK	3	HIGH	22	26.1	4.1	13	0	19.85	38.5	Pass
Band5	1.4	836.5	QPSK	1	LOW	21.88	25.68	3.8	13	0	19.73	38.5	Pass
Band5	1.4	836.5	QPSK	1	MID	21.97	25.86	3.89	13	0	19.82	38.5	Pass
Band5	1.4	836.5	QPSK	1	HIGH	21.93	25.96	4.03	13	0	19.78	38.5	Pass
Band5	1.4	836.5	16QAM	6	LOW	20.02	26.14	6.12	13	0	17.87	38.5	Pass
Band5	1.4	836.5	16QAM	3	LOW	20.84	25.93	5.09	13	0	18.69	38.5	Pass
Band5	1.4	836.5	16QAM	3	MID	20.84	25.95	5.11	13	0	18.69	38.5	Pass
Band5	1.4	836.5	16QAM	3	HIGH	20.98	26.15	5.17	13	0	18.83	38.5	Pass
Band5	1.4	836.5	16QAM	1	LOW	21.61	25.66	4.05	13	0	19.46	38.5	Pass
Band5	1.4	836.5	16QAM	1	MID	21.65	25.57	3.92	13	0	19.5	38.5	Pass
Band5	1.4	836.5	16QAM	1	HIGH	21.62	25.72	4.1	13	0	19.47	38.5	Pass
Band5	1.4	848.3	QPSK	6	LOW	20.99	25.31	4.32	13	0	18.84	38.5	Pass
Band5	1.4	848.3	QPSK	3	LOW	22.17	25.11	2.94	13	0	20.02	38.5	Pass
Band5	1.4	848.3	QPSK	3	MID	22.21	25.08	2.87	13	0	20.06	38.5	Pass
Band5	1.4	848.3	QPSK	3	HIGH	22.18	24.93	2.75	13	0	20.03	38.5	Pass
Band5	1.4	848.3	QPSK	1	LOW	22.18	24.45	2.27	13	0	20.03	38.5	Pass
Band5	1.4	848.3	QPSK	1	MID	22.16	24.47	2.31	13	0	20.01	38.5	Pass
Band5	1.4	848.3	QPSK	1	HIGH	22.18	24.4	2.22	13	0	20.03	38.5	Pass
Band5	1.4	848.3	16QAM	6	LOW	20.28	25.25	4.97	13	0	18.13	38.5	Pass
Band5	1.4	848.3	16QAM	3	LOW	21.1	24.89	3.79	13	0	18.95	38.5	Pass
Band5	1.4	848.3	16QAM	3	MID	21.08	24.87	3.79	13	0	18.93	38.5	Pass
Band5	1.4	848.3	16QAM	3	HIGH	21.17	24.55	3.38	13	0	19.02	38.5	Pass
Band5	1.4	848.3	16QAM	1	LOW	21.02	24.26	3.24	13	0	18.87	38.5	Pass

Band5	1.4	848.3	16QAM	1	MID	21.06	24.19	3.13	13	0	18.91	38.5	Pass
Band5	1.4	848.3	16QAM	1	HIGH	21.12	24.16	3.04	13	0	18.97	38.5	Pass
Band5	3	825.5	QPSK	15	LOW	20.71	26.23	5.52	13	0	18.56	38.5	Pass
Band5	3	825.5	QPSK	8	LOW	20.69	25.95	5.26	13	0	18.54	38.5	Pass
Band5	3	825.5	QPSK	8	MID	20.68	25.92	5.24	13	0	18.53	38.5	Pass
Band5	3	825.5	QPSK	8	HIGH	20.7	25.73	5.03	13	0	18.55	38.5	Pass
Band5	3	825.5	QPSK	1	LOW	21.62	25.74	4.12	13	0	19.47	38.5	Pass
Band5	3	825.5	QPSK	1	MID	21.71	25.59	3.88	13	0	19.56	38.5	Pass
Band5	3	825.5	QPSK	1	HIGH	21.73	25.24	3.51	13	0	19.58	38.5	Pass
Band5	3	825.5	16QAM	15	LOW	19.76	26.51	6.75	13	0	17.61	38.5	Pass
Band5	3	825.5	16QAM	8	LOW	20.07	26.12	6.05	13	0	17.92	38.5	Pass
Band5	3	825.5	16QAM	8	MID	20.07	26.21	6.14	13	0	17.92	38.5	Pass
Band5	3	825.5	16QAM	8	HIGH	20.08	25.84	5.76	13	0	17.93	38.5	Pass
Band5	3	825.5	16QAM	1	LOW	21.17	26.2	5.03	13	0	19.02	38.5	Pass
Band5	3	825.5	16QAM	1	MID	21.13	25.95	4.82	13	0	18.98	38.5	Pass
Band5	3	825.5	16QAM	1	HIGH	21.05	25.54	4.49	13	0	18.9	38.5	Pass
Band5	3	836.5	QPSK	15	LOW	20.82	26.27	5.45	13	0	18.67	38.5	Pass
Band5	3	836.5	QPSK	8	LOW	20.83	25.92	5.09	13	0	18.68	38.5	Pass
Band5	3	836.5	QPSK	8	MID	20.85	25.88	5.03	13	0	18.7	38.5	Pass
Band5	3	836.5	QPSK	8	HIGH	20.88	26.18	5.3	13	0	18.73	38.5	Pass
Band5	3	836.5	QPSK	1	LOW	21.91	25.39	3.48	13	0	19.76	38.5	Pass
Band5	3	836.5	QPSK	1	MID	21.95	25.87	3.92	13	0	19.8	38.5	Pass
Band5	3	836.5	QPSK	1	HIGH	21.95	26.22	4.27	13	0	19.8	38.5	Pass
Band5	3	836.5	16QAM	15	LOW	19.92	25.93	6.01	13	0	17.77	38.5	Pass
Band5	3	836.5	16QAM	8	LOW	20	25.69	5.69	13	0	17.85	38.5	Pass
Band5	3	836.5	16QAM	8	MID	20.01	25.56	5.55	13	0	17.86	38.5	Pass
Band5	3	836.5	16QAM	8	HIGH	19.99	25.93	5.94	13	0	17.84	38.5	Pass
Band5	3	836.5	16QAM	1	LOW	21.55	25.98	4.43	13	0	19.4	38.5	Pass
Band5	3	836.5	16QAM	1	MID	21.65	26.12	4.47	13	0	19.5	38.5	Pass
Band5	3	836.5	16QAM	1	HIGH	21.68	25.93	4.25	13	0	19.53	38.5	Pass
Band5	3	847.5	QPSK	15	LOW	20.98	26.09	5.11	13	0	18.83	38.5	Pass
Band5	3	847.5	QPSK	8	LOW	20.98	25.35	4.37	13	0	18.83	38.5	Pass
Band5	3	847.5	QPSK	8	MID	20.98	25.38	4.4	13	0	18.83	38.5	Pass
Band5	3	847.5	QPSK	8	HIGH	20.97	25.06	4.09	13	0	18.82	38.5	Pass
Band5	3	847.5	QPSK	1	LOW	22.07	25.02	2.95	13	0	19.92	38.5	Pass
Band5	3	847.5	QPSK	1	MID	22.11	24.55	2.44	13	0	19.96	38.5	Pass
Band5	3	847.5	QPSK	1	HIGH	22.2	25.06	2.86	13	0	20.05	38.5	Pass
Band5	3	847.5	16QAM	15	LOW	20.06	25.62	5.56	13	0	17.91	38.5	Pass
Band5	3	847.5	16QAM	8	LOW	20.19	25.02	4.83	13	0	18.04	38.5	Pass
Band5	3	847.5	16QAM	8	MID	20.3	25.3	5	13	0	18.15	38.5	Pass
Band5	3	847.5	16QAM	8	HIGH	20.31	24.82	4.51	13	0	18.16	38.5	Pass
Band5	3	847.5	16QAM	1	LOW	20.98	24.79	3.81	13	0	18.83	38.5	Pass
Band5	3	847.5	16QAM	1	MID	20.9	24.31	3.41	13	0	18.75	38.5	Pass
Band5	3	847.5	16QAM	1	HIGH	21.17	24.17	3	13	0	19.02	38.5	Pass
Band5	5	826.5	QPSK	25	LOW	20.68	26.28	5.6	13	0	18.53	38.5	Pass
Band5	5	826.5	QPSK	12	LOW	20.68	25.78	5.1	13	0	18.53	38.5	Pass

Band5	5	826.5	QPSK	12	MID	20.67	25.79	5.12	13	0	18.52	38.5	Pass
Band5	5	826.5	QPSK	12	HIGH	20.65	25.31	4.66	13	0	18.5	38.5	Pass
Band5	5	826.5	QPSK	1	LOW	21.78	26.19	4.41	13	0	19.63	38.5	Pass
Band5	5	826.5	QPSK	1	MID	21.7	25.66	3.96	13	0	19.55	38.5	Pass
Band5	5	826.5	QPSK	1	HIGH	21.94	25.38	3.44	13	0	19.79	38.5	Pass
Band5	5	826.5	16QAM	25	LOW	19.83	26.14	6.31	13	0	17.68	38.5	Pass
Band5	5	826.5	16QAM	12	LOW	19.8	26.05	6.25	13	0	17.65	38.5	Pass
Band5	5	826.5	16QAM	12	MID	19.81	26.15	6.34	13	0	17.66	38.5	Pass
Band5	5	826.5	16QAM	12	HIGH	19.72	25.6	5.88	13	0	17.57	38.5	Pass
Band5	5	826.5	16QAM	1	LOW	20.05	25.37	5.32	13	0	17.9	38.5	Pass
Band5	5	826.5	16QAM	1	MID	20.02	24.93	4.91	13	0	17.87	38.5	Pass
Band5	5	826.5	16QAM	1	HIGH	20.22	24.72	4.5	13	0	18.07	38.5	Pass
Band5	5	836.5	QPSK	25	LOW	20.91	26.73	5.82	13	0	18.76	38.5	Pass
Band5	5	836.5	QPSK	12	LOW	20.77	25.85	5.08	13	0	18.62	38.5	Pass
Band5	5	836.5	QPSK	12	MID	20.79	25.77	4.98	13	0	18.64	38.5	Pass
Band5	5	836.5	QPSK	12	HIGH	20.83	26.4	5.57	13	0	18.68	38.5	Pass
Band5	5	836.5	QPSK	1	LOW	22	26.08	4.08	13	0	19.85	38.5	Pass
Band5	5	836.5	QPSK	1	MID	22.01	25.88	3.87	13	0	19.86	38.5	Pass
Band5	5	836.5	QPSK	1	HIGH	22.03	26.47	4.44	13	0	19.88	38.5	Pass
Band5	5	836.5	16QAM	25	LOW	19.86	26.43	6.57	13	0	17.71	38.5	Pass
Band5	5	836.5	16QAM	12	LOW	19.92	25.51	5.59	13	0	17.77	38.5	Pass
Band5	5	836.5	16QAM	12	MID	19.93	25.56	5.63	13	0	17.78	38.5	Pass
Band5	5	836.5	16QAM	12	HIGH	19.98	26.06	6.08	13	0	17.83	38.5	Pass
Band5	5	836.5	16QAM	1	LOW	21.07	25.1	4.03	13	0	18.92	38.5	Pass
Band5	5	836.5	16QAM	1	MID	21.06	25.71	4.65	13	0	18.91	38.5	Pass
Band5	5	836.5	16QAM	1	HIGH	21.15	26.32	5.17	13	0	19	38.5	Pass
Band5	5	846.5	QPSK	25	LOW	20.99	25.99	5	13	0	18.84	38.5	Pass
Band5	5	846.5	QPSK	12	LOW	20.96	25.58	4.62	13	0	18.81	38.5	Pass
Band5	5	846.5	QPSK	12	MID	20.95	25.64	4.69	13	0	18.8	38.5	Pass
Band5	5	846.5	QPSK	12	HIGH	21.06	24.82	3.76	13	0	18.91	38.5	Pass
Band5	5	846.5	QPSK	1	LOW	21.95	25.91	3.96	13	0	19.8	38.5	Pass
Band5	5	846.5	QPSK	1	MID	22.08	24.9	2.82	13	0	19.93	38.5	Pass
Band5	5	846.5	QPSK	1	HIGH	22.05	24.77	2.72	13	0	19.9	38.5	Pass
Band5	5	846.5	16QAM	25	LOW	20.06	26.24	6.18	13	0	17.91	38.5	Pass
Band5	5	846.5	16QAM	12	LOW	19.87	25.55	5.68	13	0	17.72	38.5	Pass
Band5	5	846.5	16QAM	12	MID	20.01	25.66	5.65	13	0	17.86	38.5	Pass
Band5	5	846.5	16QAM	12	HIGH	20.01	24.72	4.71	13	0	17.86	38.5	Pass
Band5	5	846.5	16QAM	1	LOW	20.76	25.91	5.15	13	0	18.61	38.5	Pass
Band5	5	846.5	16QAM	1	MID	20.69	24.83	4.14	13	0	18.54	38.5	Pass
Band5	5	846.5	16QAM	1	HIGH	20.71	25.04	4.33	13	0	18.56	38.5	Pass
Band5	10	829	QPSK	50	LOW	20.91	26.19	5.28	13	0	18.76	38.5	Pass
Band5	10	829	QPSK	25	LOW	20.63	25.96	5.33	13	0	18.48	38.5	Pass
Band5	10	829	QPSK	25	MID	20.74	25.9	5.16	13	0	18.59	38.5	Pass
Band5	10	829	QPSK	25	HIGH	20.74	25.24	4.5	13	0	18.59	38.5	Pass
Band5	10	829	QPSK	1	LOW	21.69	25.83	4.14	13	0	19.54	38.5	Pass
Band5	10	829	QPSK	1	MID	21.82	25.04	3.22	13	0	19.67	38.5	Pass

Band5	10	829	QPSK	1	HIGH	21.95	25.05	3.1	13	0	19.8	38.5	Pass
Band5	10	829	16QAM	50	LOW	19.78	26.02	6.24	13	0	17.63	38.5	Pass
Band5	10	829	16QAM	25	LOW	19.92	25.7	5.78	13	0	17.77	38.5	Pass
Band5	10	829	16QAM	25	MID	19.91	25.74	5.83	13	0	17.76	38.5	Pass
Band5	10	829	16QAM	25	HIGH	20.27	25.25	4.98	13	0	18.12	38.5	Pass
Band5	10	829	16QAM	1	LOW	20.62	25.33	4.71	13	0	18.47	38.5	Pass
Band5	10	829	16QAM	1	MID	20.66	24.56	3.9	13	0	18.51	38.5	Pass
Band5	10	829	16QAM	1	HIGH	20.62	24.64	4.02	13	0	18.47	38.5	Pass
Band5	10	836.5	QPSK	50	LOW	20.89	26.6	5.71	13	0	18.74	38.5	Pass
Band5	10	836.5	QPSK	25	LOW	20.71	25.52	4.81	13	0	18.56	38.5	Pass
Band5	10	836.5	QPSK	25	MID	20.72	25.51	4.79	13	0	18.57	38.5	Pass
Band5	10	836.5	QPSK	25	HIGH	20.98	26.81	5.83	13	0	18.83	38.5	Pass
Band5	10	836.5	QPSK	1	LOW	21.67	25.14	3.47	13	0	19.52	38.5	Pass
Band5	10	836.5	QPSK	1	MID	21.83	25.71	3.88	13	0	19.68	38.5	Pass
Band5	10	836.5	QPSK	1	HIGH	21.76	26.55	4.79	13	0	19.61	38.5	Pass
Band5	10	836.5	16QAM	50	LOW	19.93	26.14	6.21	13	0	17.78	38.5	Pass
Band5	10	836.5	16QAM	25	LOW	19.91	25.43	5.52	13	0	17.76	38.5	Pass
Band5	10	836.5	16QAM	25	MID	19.93	25.43	5.5	13	0	17.78	38.5	Pass
Band5	10	836.5	16QAM	25	HIGH	20.18	26.68	6.5	13	0	18.03	38.5	Pass
Band5	10	836.5	16QAM	1	LOW	21.08	24.97	3.89	13	0	18.93	38.5	Pass
Band5	10	836.5	16QAM	1	MID	21.11	25.91	4.8	13	0	18.96	38.5	Pass
Band5	10	836.5	16QAM	1	HIGH	21.09	26.95	5.86	13	0	18.94	38.5	Pass
Band5	10	844	QPSK	50	LOW	20.9	26.53	5.63	13	0	18.75	38.5	Pass
Band5	10	844	QPSK	25	LOW	20.88	26.58	5.7	13	0	18.73	38.5	Pass
Band5	10	844	QPSK	25	MID	20.86	26.66	5.8	13	0	18.71	38.5	Pass
Band5	10	844	QPSK	25	HIGH	20.93	25.39	4.46	13	0	18.78	38.5	Pass
Band5	10	844	QPSK	1	LOW	22.29	26.77	4.48	13	0	20.14	38.5	Pass
Band5	10	844	QPSK	1	MID	22	25.93	3.93	13	0	19.85	38.5	Pass
Band5	10	844	QPSK	1	HIGH	22.11	25.06	2.95	13	0	19.96	38.5	Pass
Band5	10	844	16QAM	50	LOW	20.02	26.56	6.54	13	0	17.87	38.5	Pass
Band5	10	844	16QAM	25	LOW	20.08	26.91	6.83	13	0	17.93	38.5	Pass
Band5	10	844	16QAM	25	MID	20.23	26.94	6.71	13	0	18.08	38.5	Pass
Band5	10	844	16QAM	25	HIGH	20.06	25.44	5.38	13	0	17.91	38.5	Pass
Band5	10	844	16QAM	1	LOW	21.12	26.24	5.12	13	0	18.97	38.5	Pass
Band5	10	844	16QAM	1	MID	21.05	25.4	4.35	13	0	18.9	38.5	Pass
Band5	10	844	16QAM	1	HIGH	21.19	25.42	4.23	13	0	19.04	38.5	Pass