

RF Test Data for LTE (Conducted Measurement)

Product Name: SMARTPHONE

Trade Mark: HERITAGE

Test Model: P60 PRO+

FCC ID: 2A6U5-M6908M6904

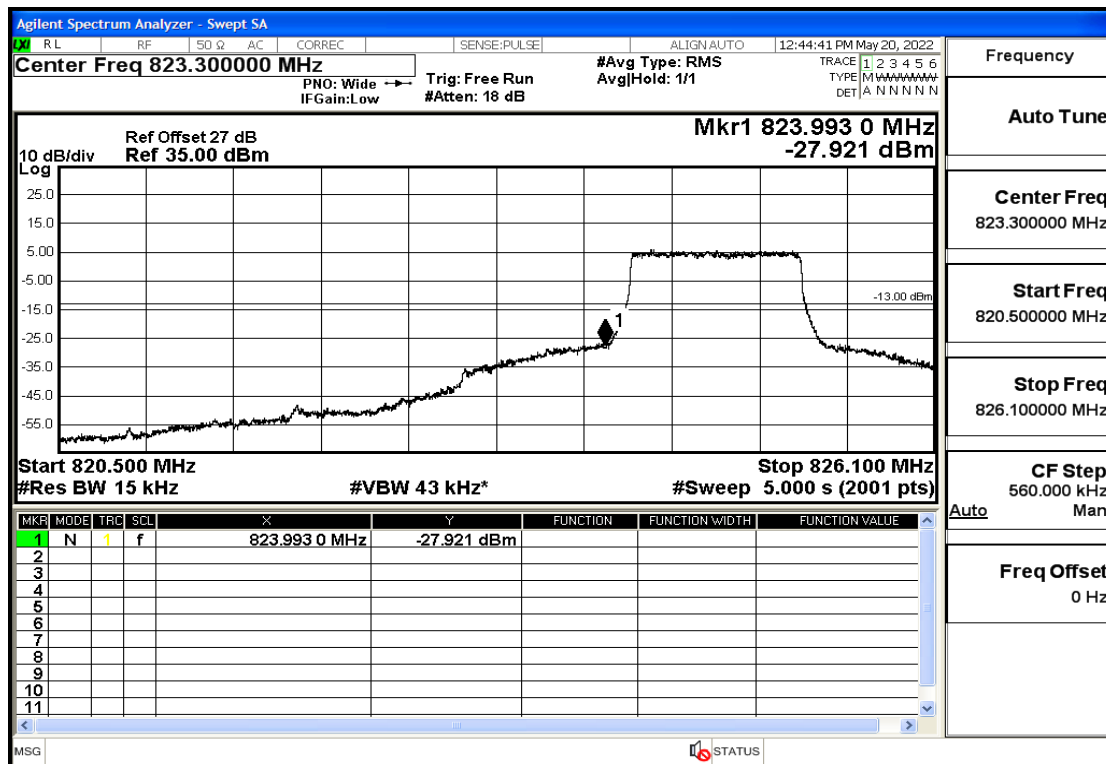
Environmental Conditions

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

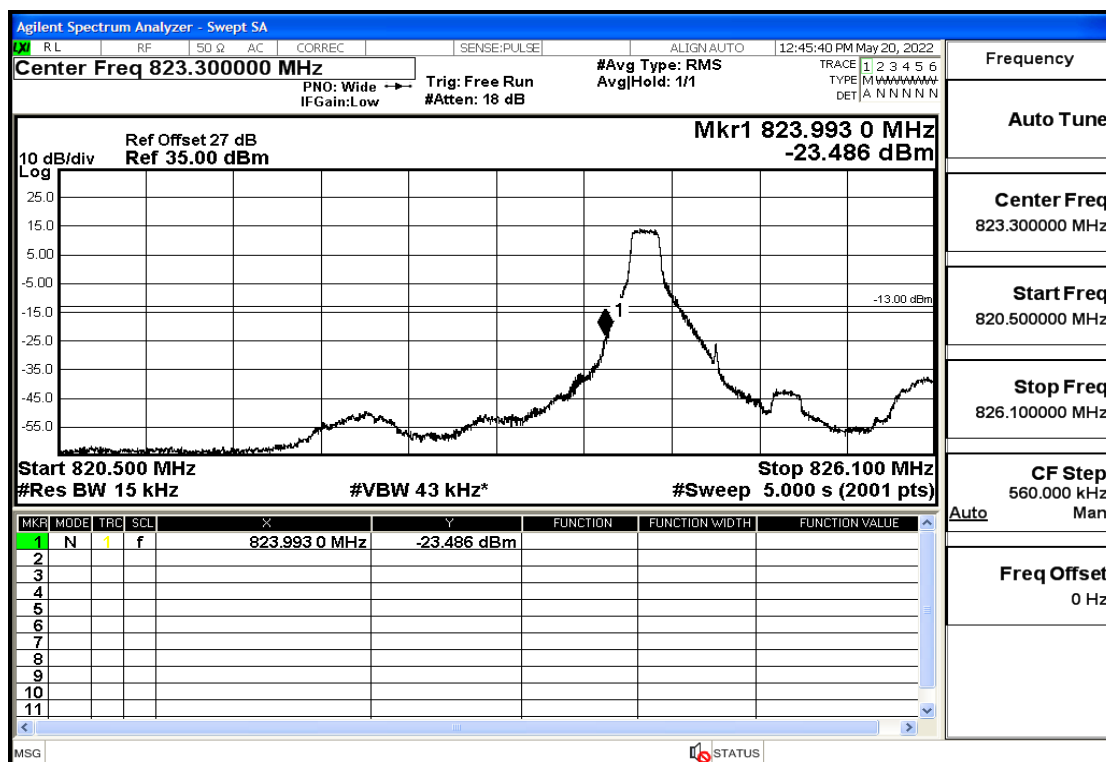
Band Edge and Emission Mask

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

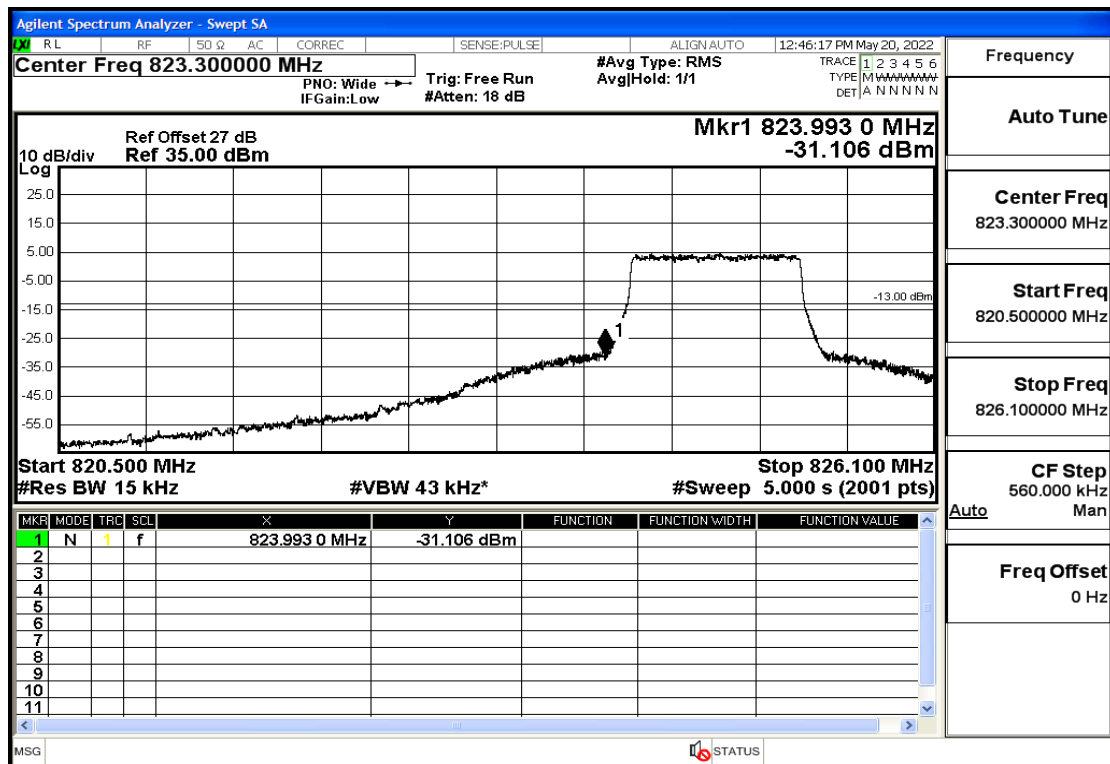
Band5-1.4-824.7-QPSK-6#LOW@Pass



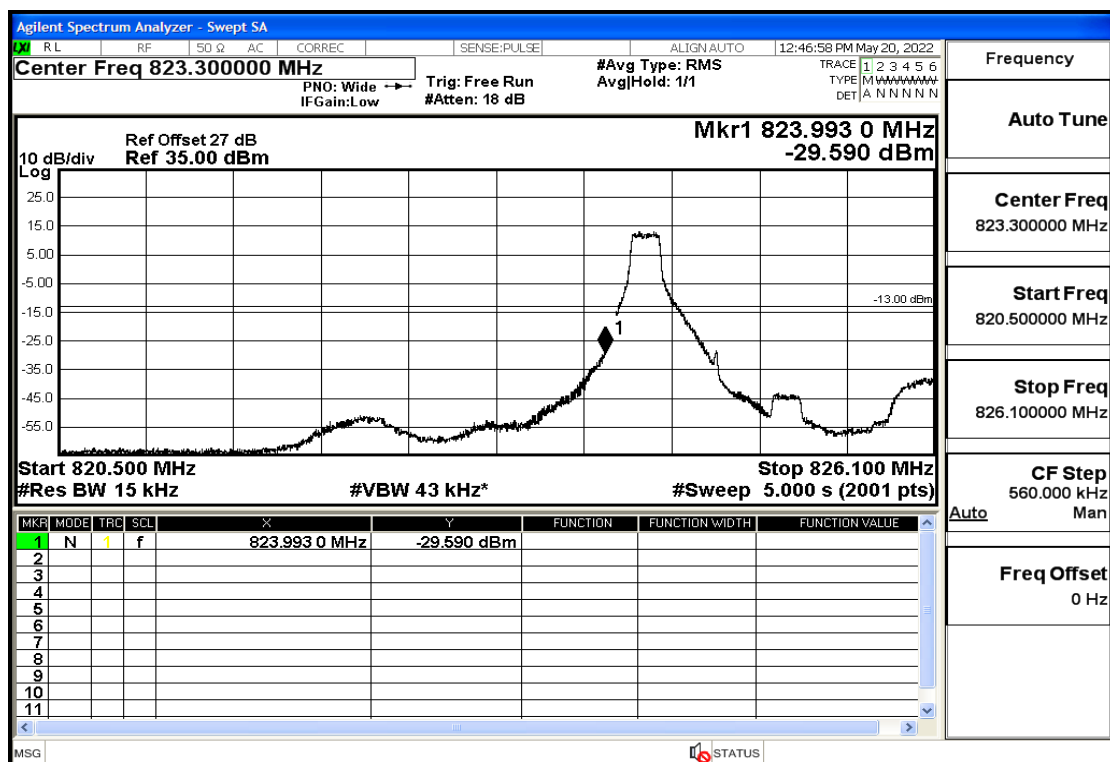
Band5-1.4-824.7-QPSK-1#LOW@Pass



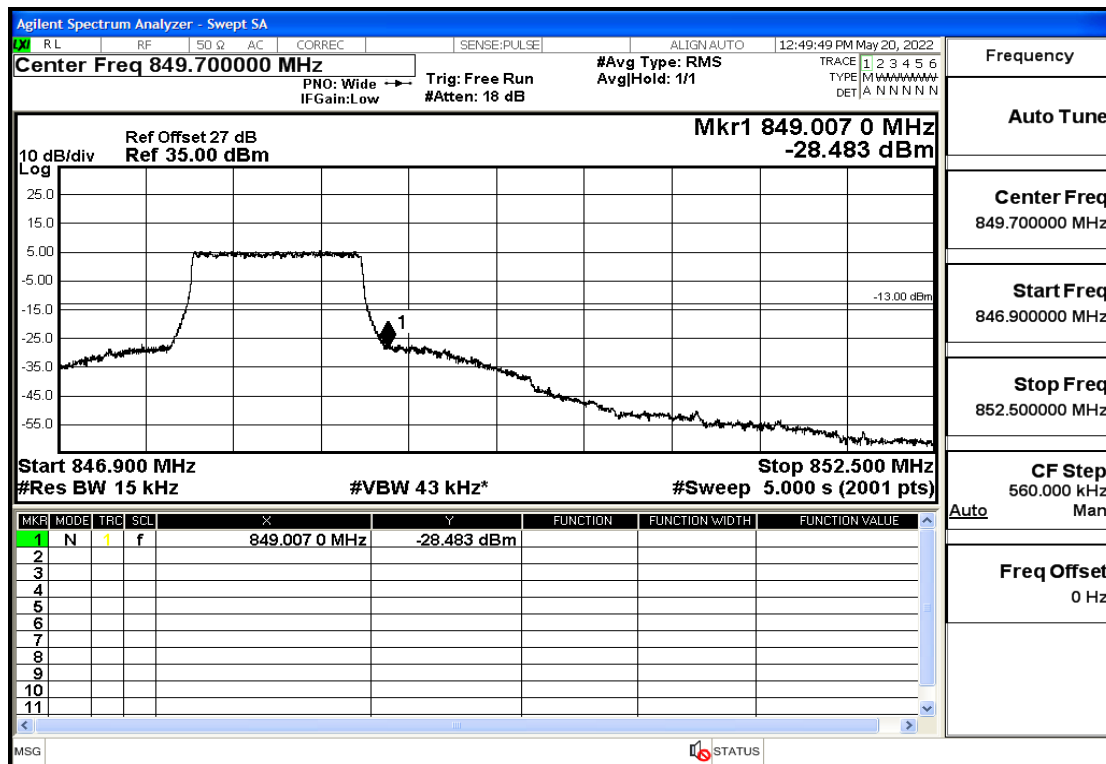
Band5-1.4-824.7-16QAM-6#LOW@Pass



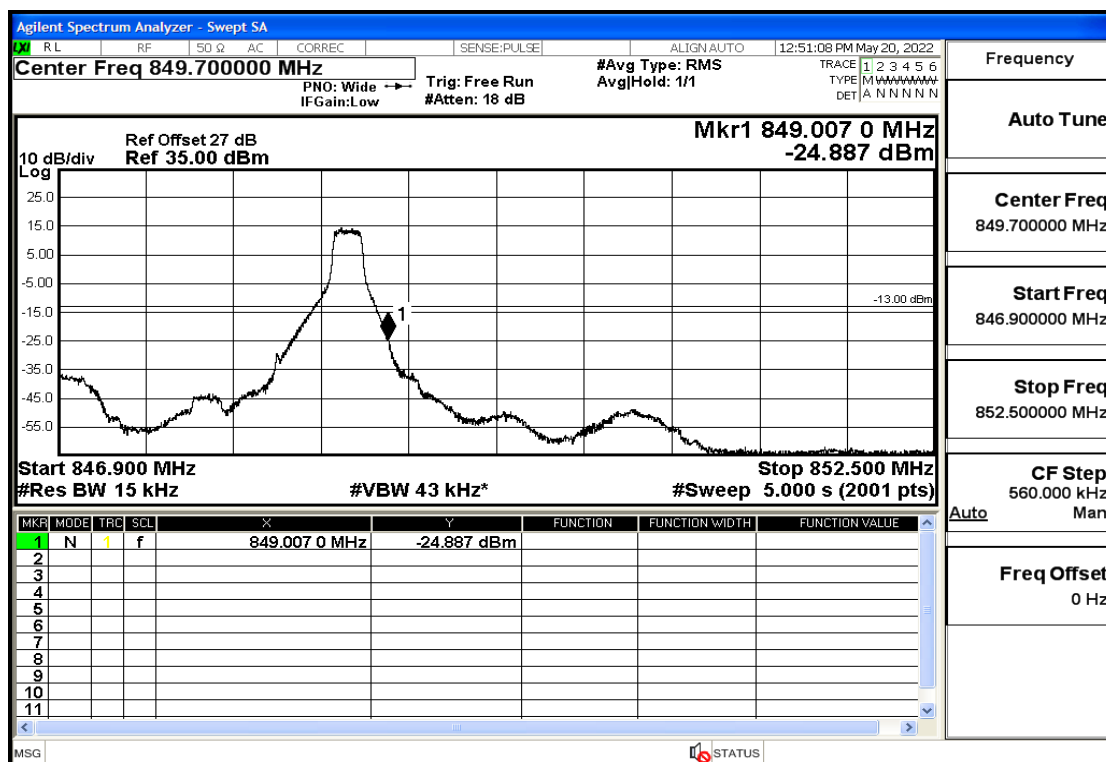
Band5-1.4-824.7-16QAM-1#LOW@Pass



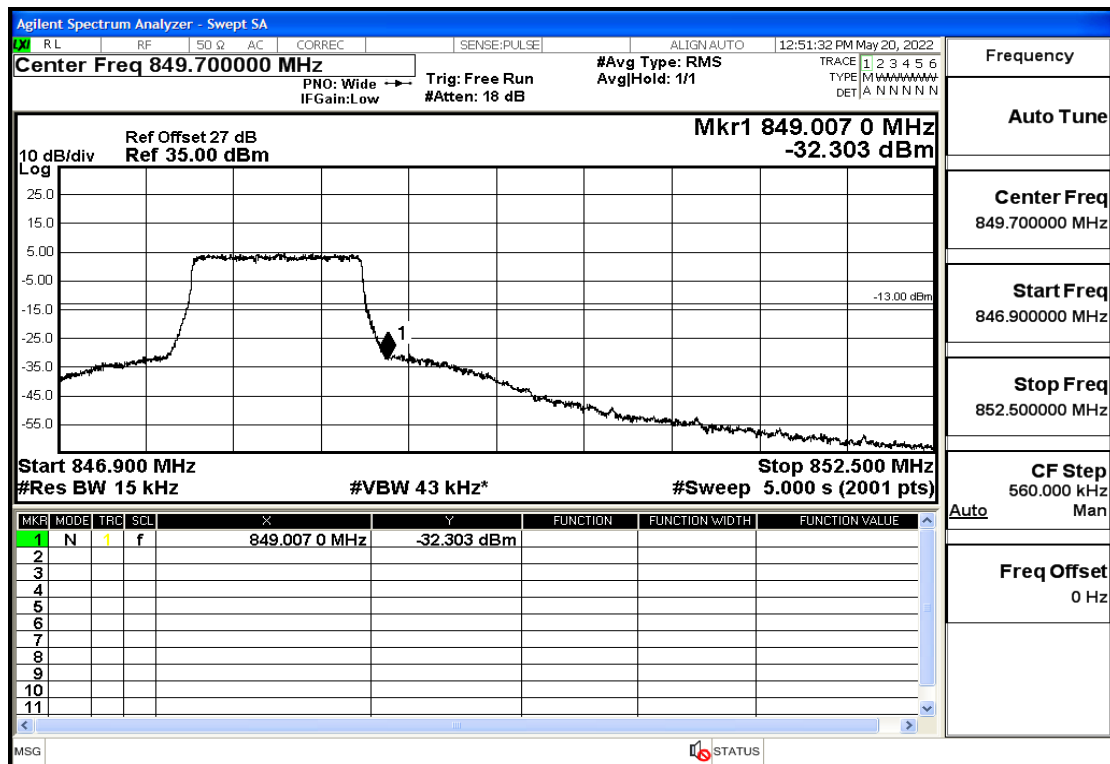
Band5-1.4-848.3-QPSK-6#LOW@Pass



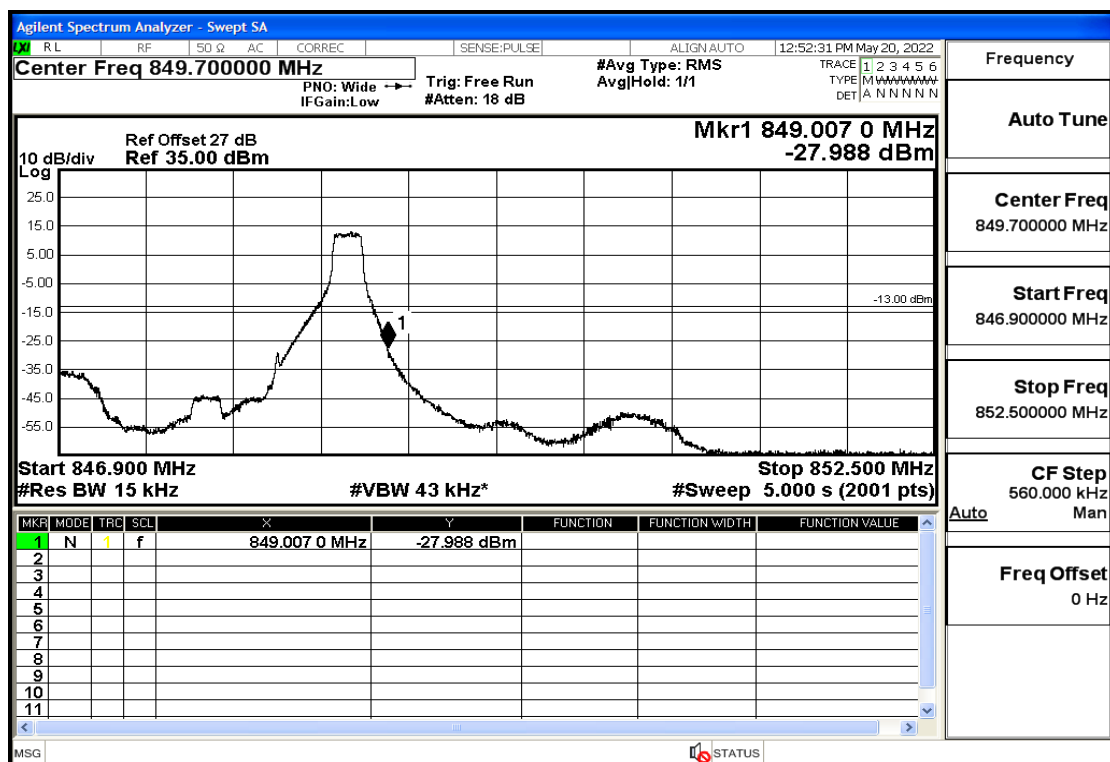
Band5-1.4-848.3-QPSK-1#HIGH@Pass



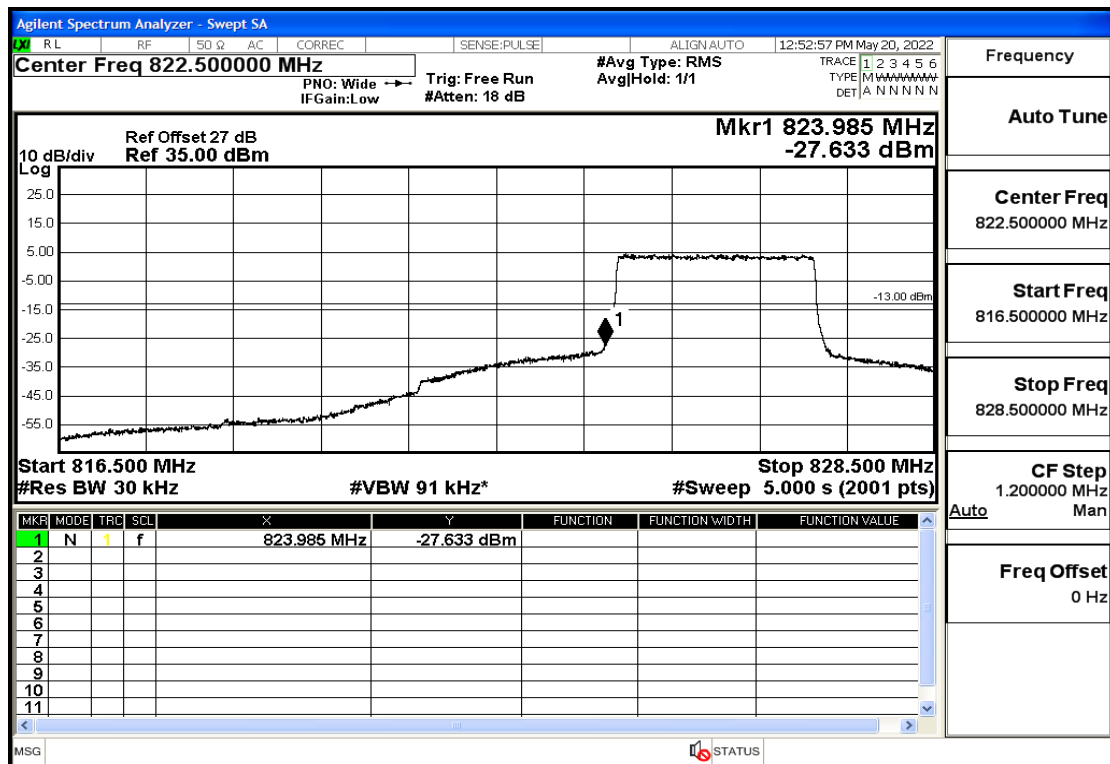
Band5-1.4-848.3-16QAM-6#LOW@Pass



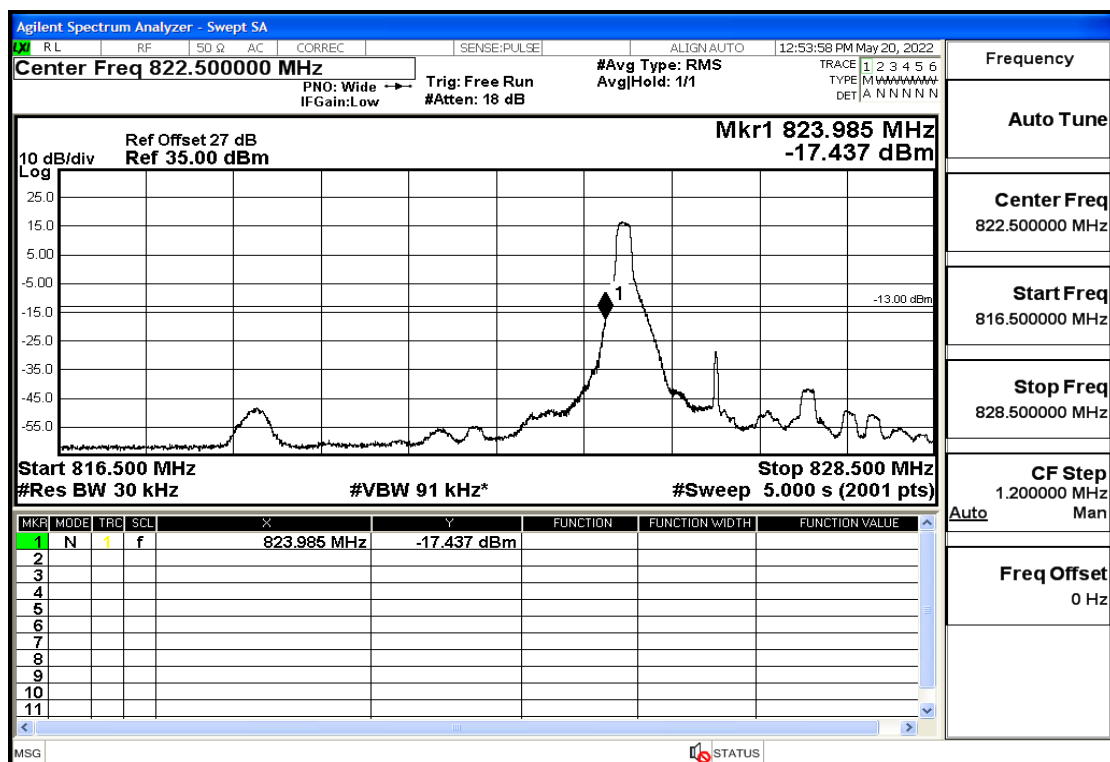
Band5-1.4-848.3-16QAM-1#HIGH@Pass



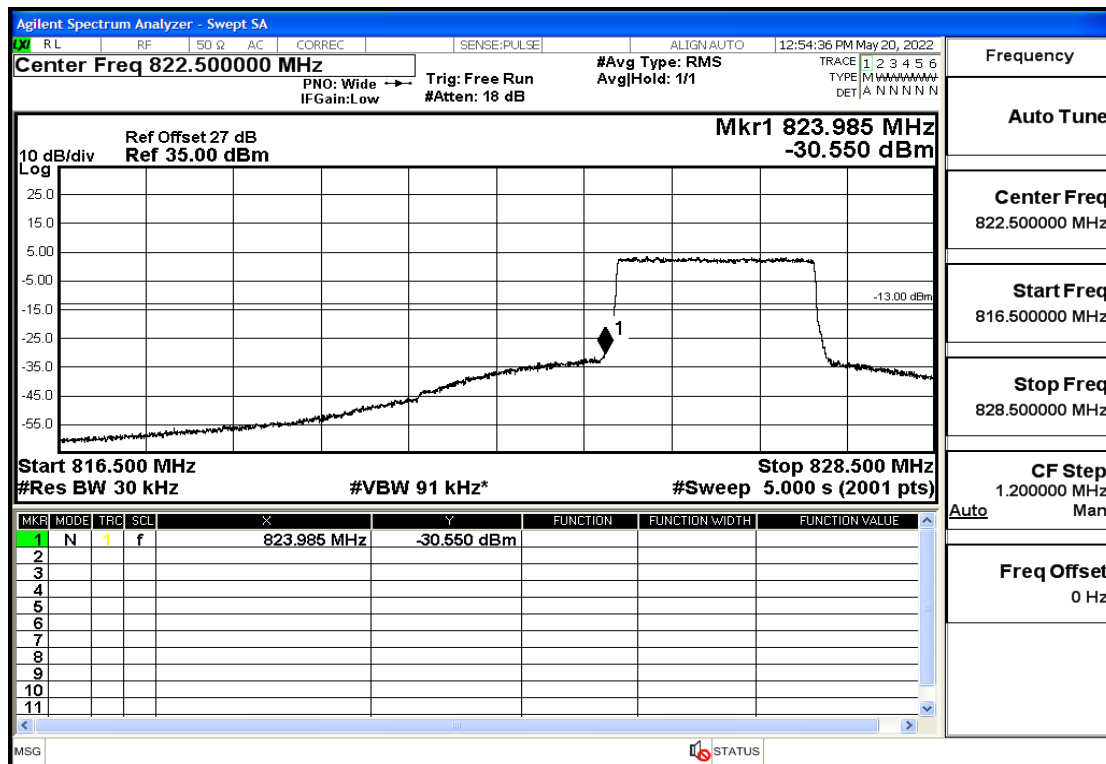
Band5-3-825.5-QPSK-15#LOW@Pass



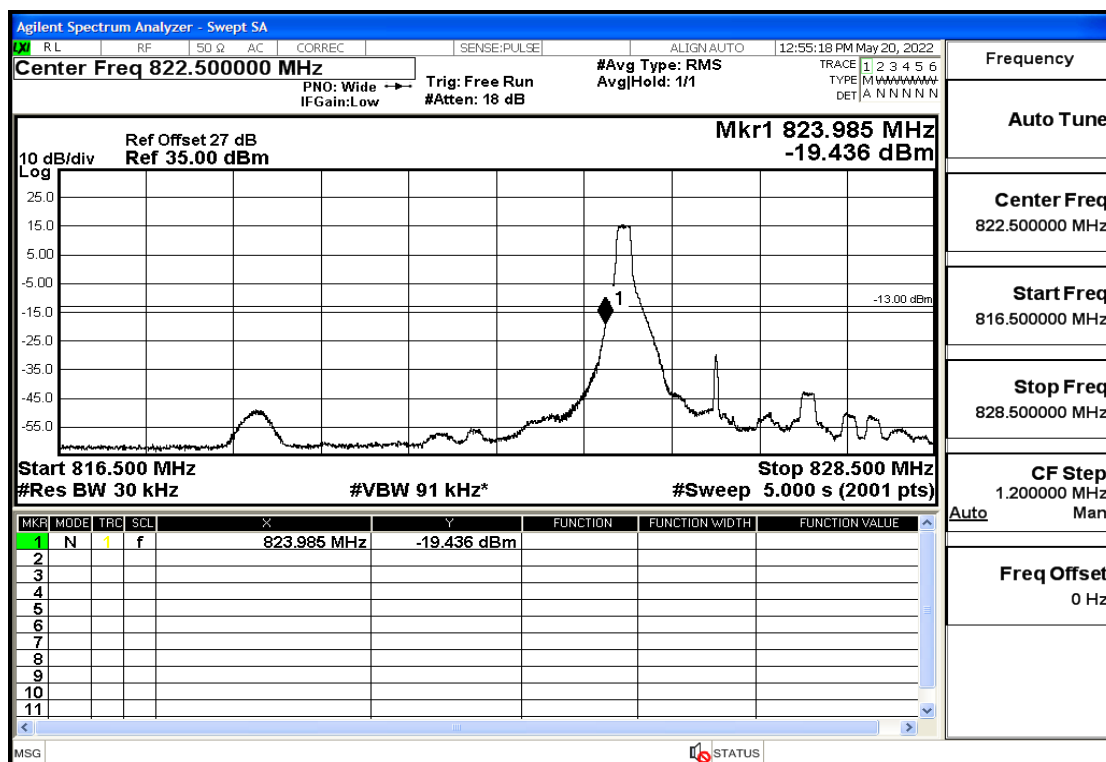
Band5-3-825.5-QPSK-1#LOW@Pass



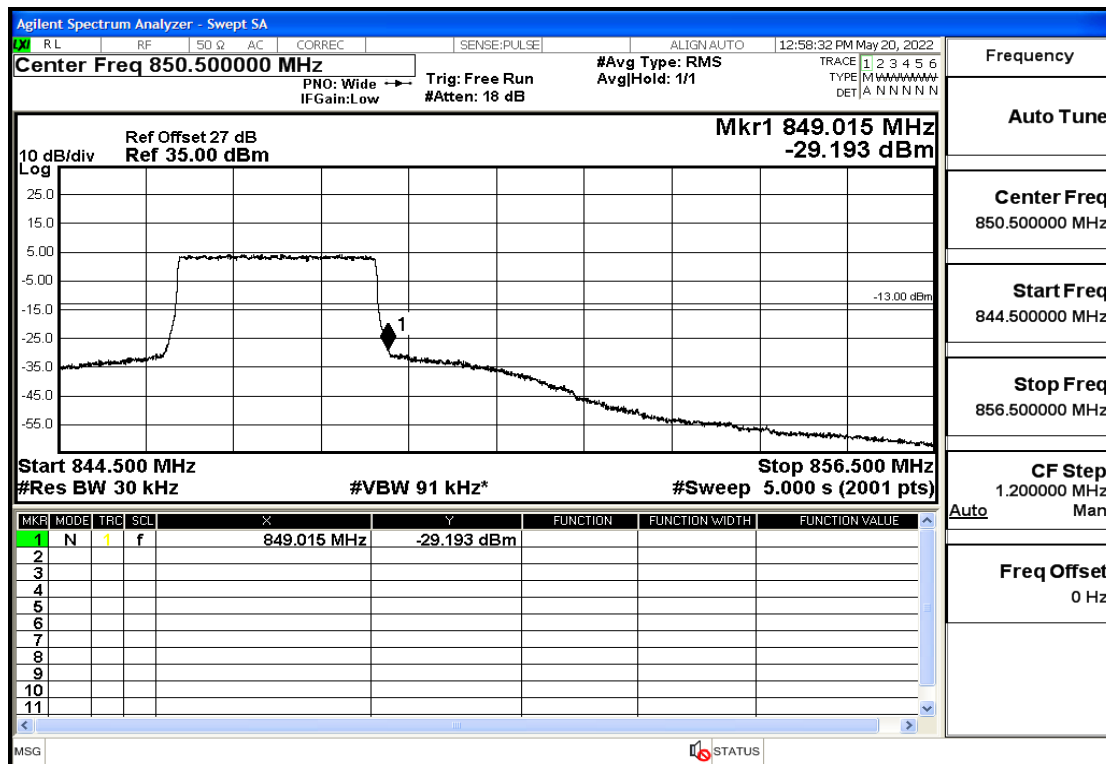
Band5-3-825.5-16QAM-15#LOW@Pass



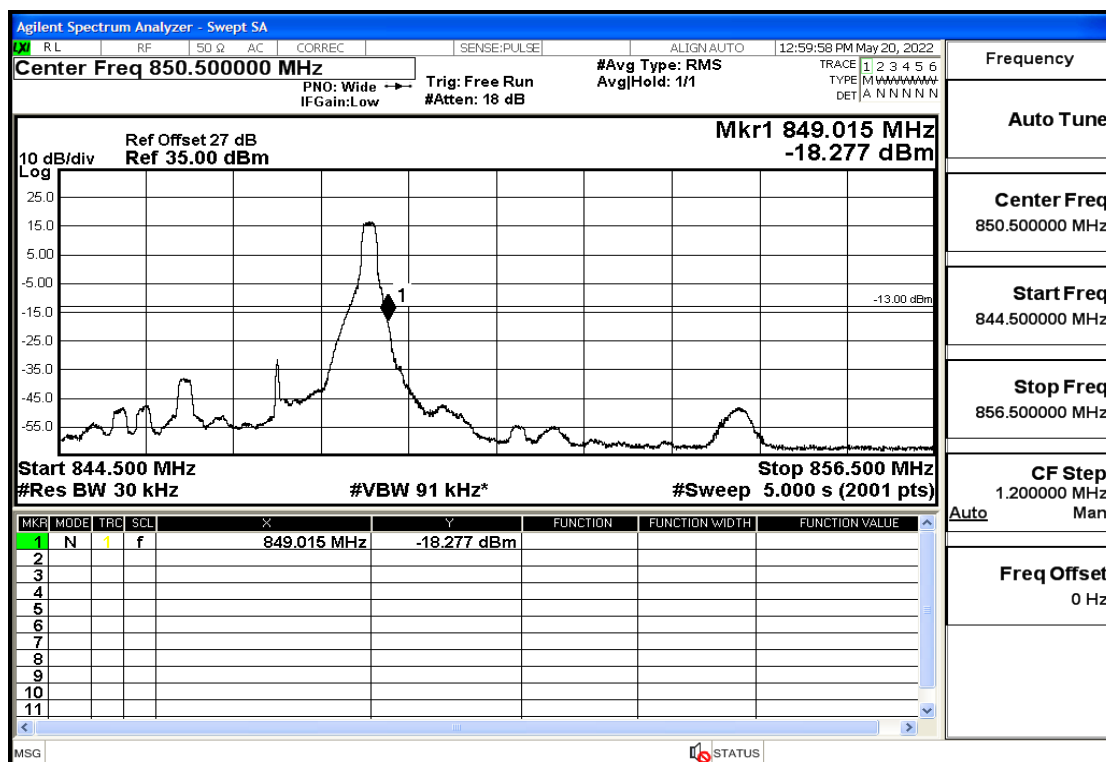
Band5-3-825.5-16QAM-1#LOW@Pass



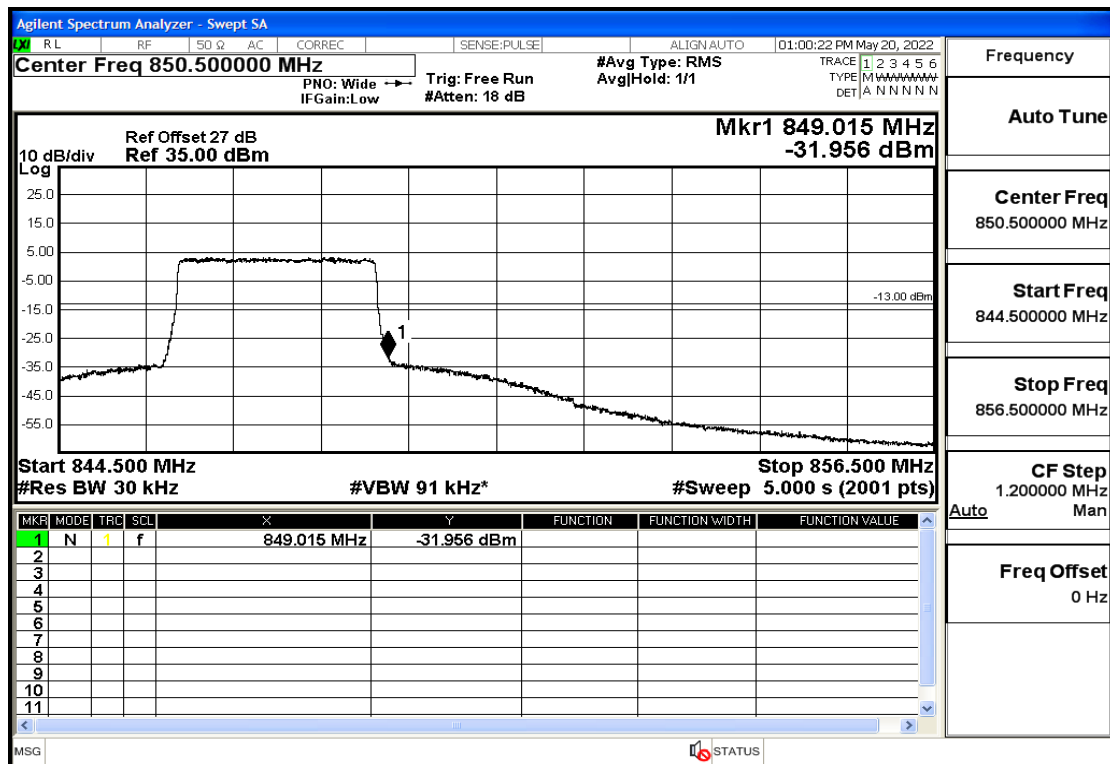
Band5-3-847.5-QPSK-15#LOW@Pass



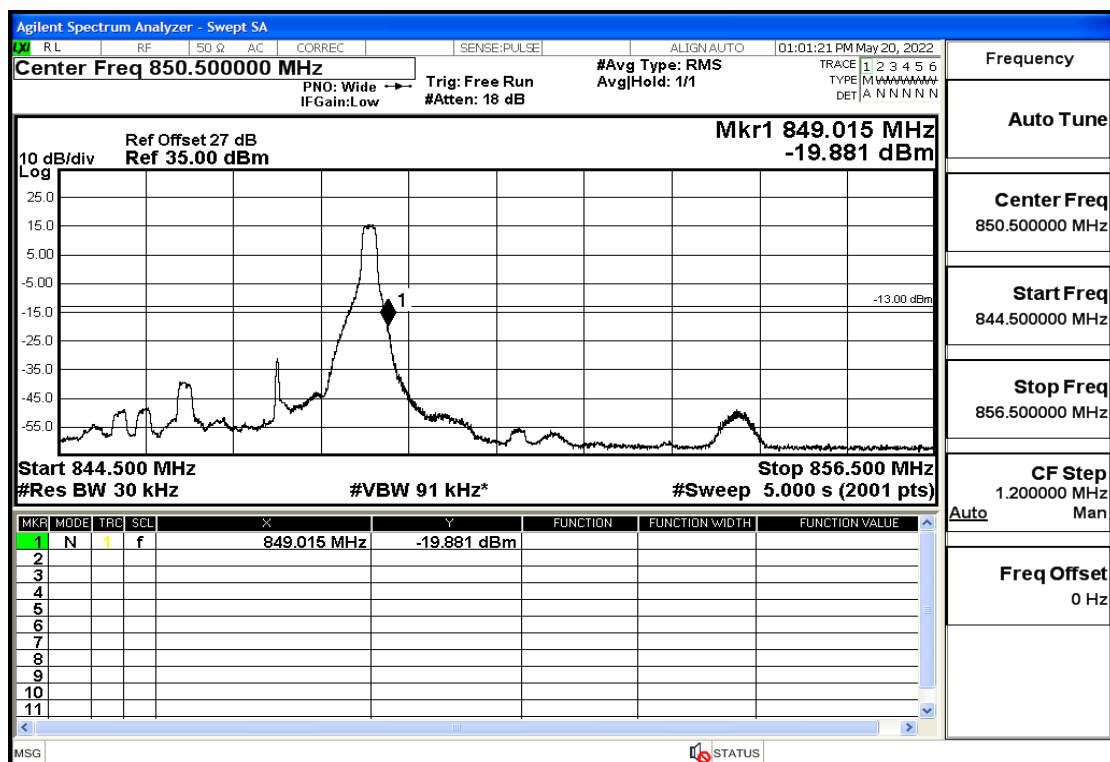
Band5-3-847.5-QPSK-1#HIGH@Pass



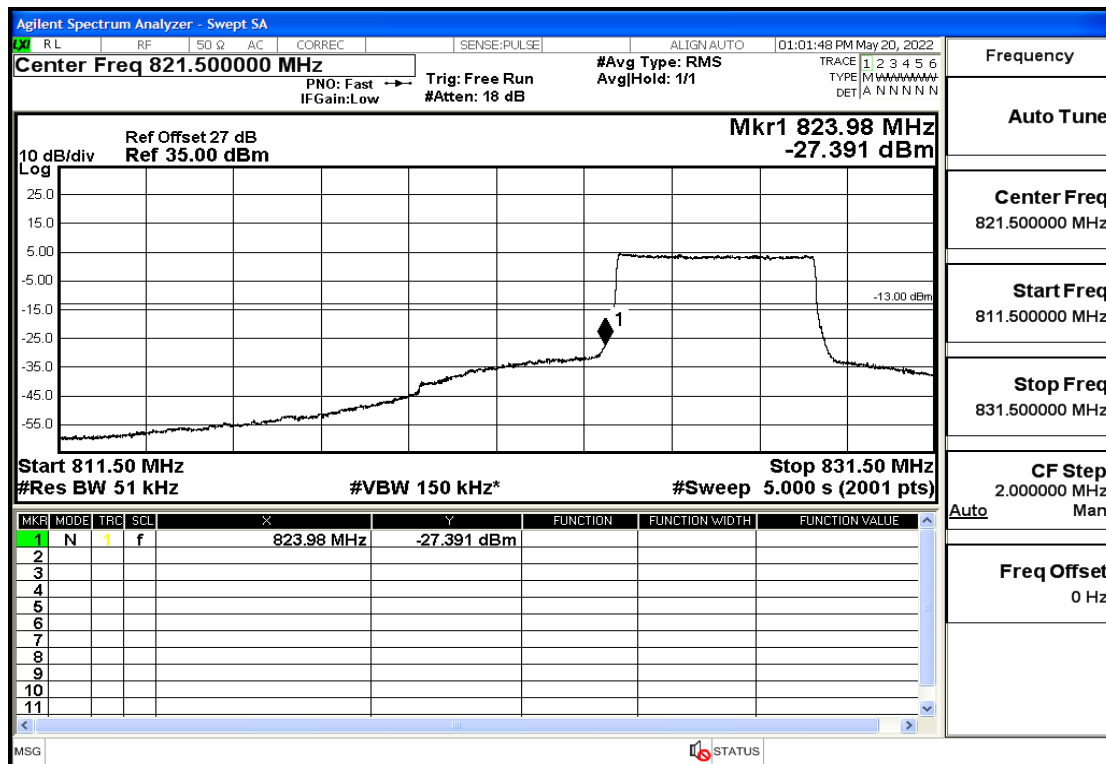
Band5-3-847.5-16QAM-15#LOW@Pass



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



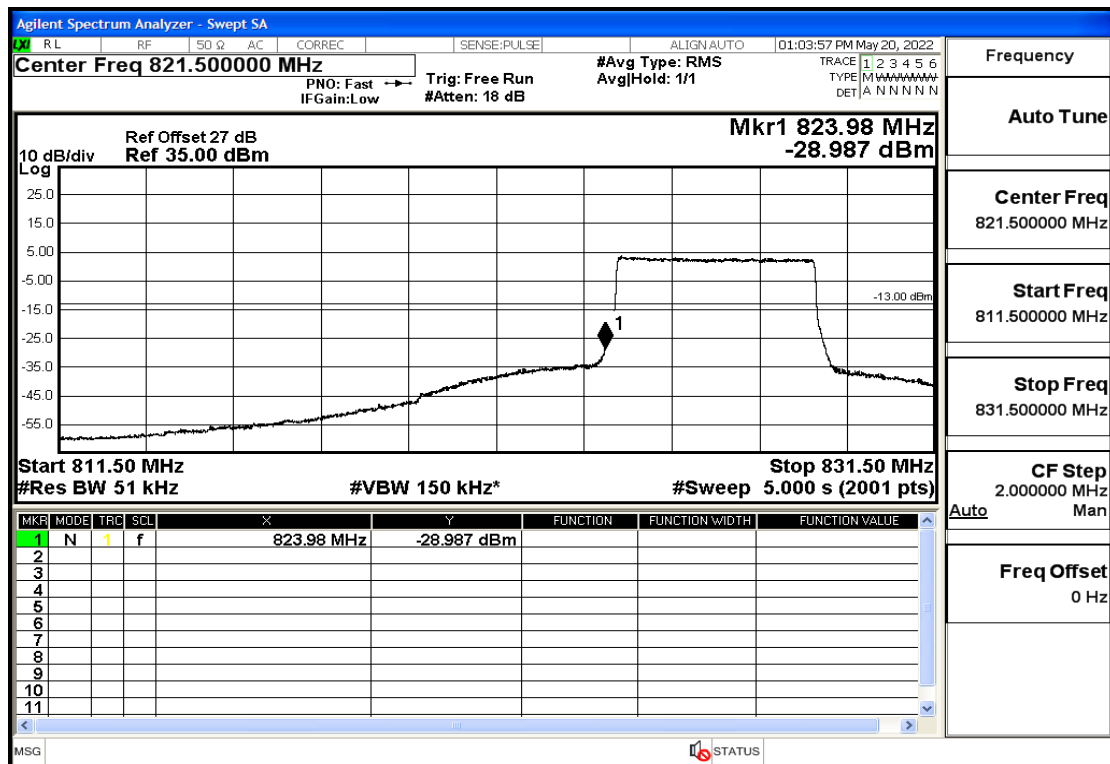
Band5-5-826.5-QPSK-25#LOW@Pass



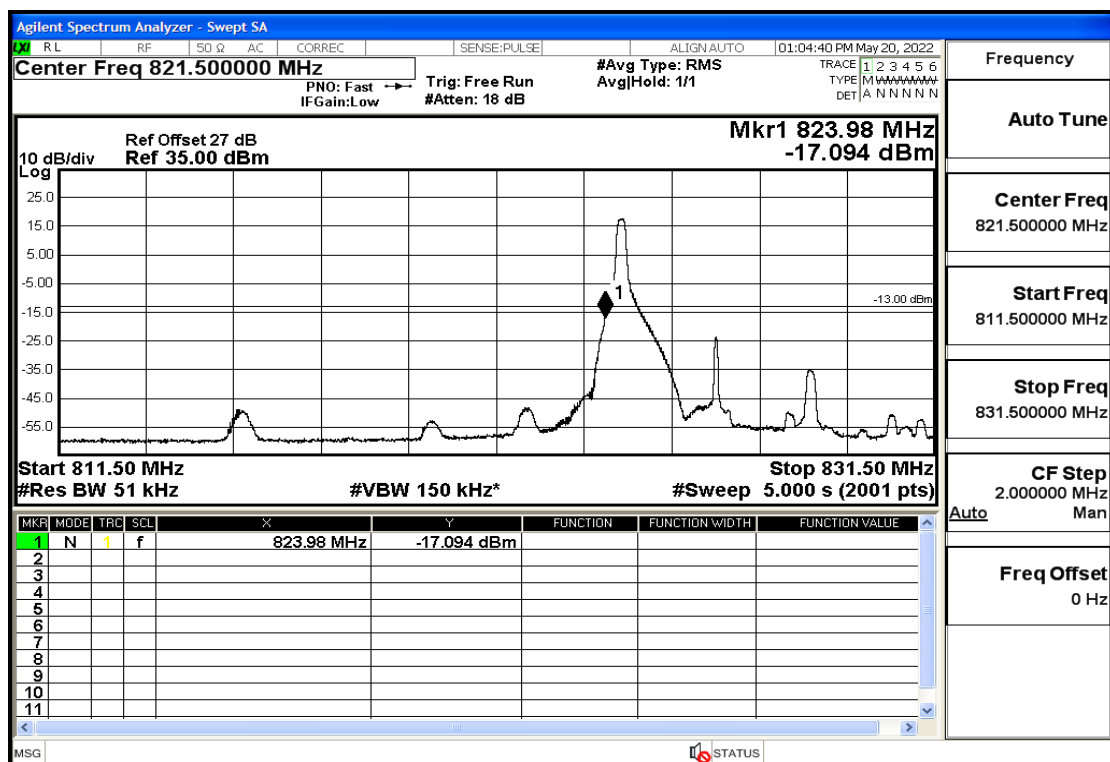
Band5-5-826.5-QPSK-1#LOW@Pass



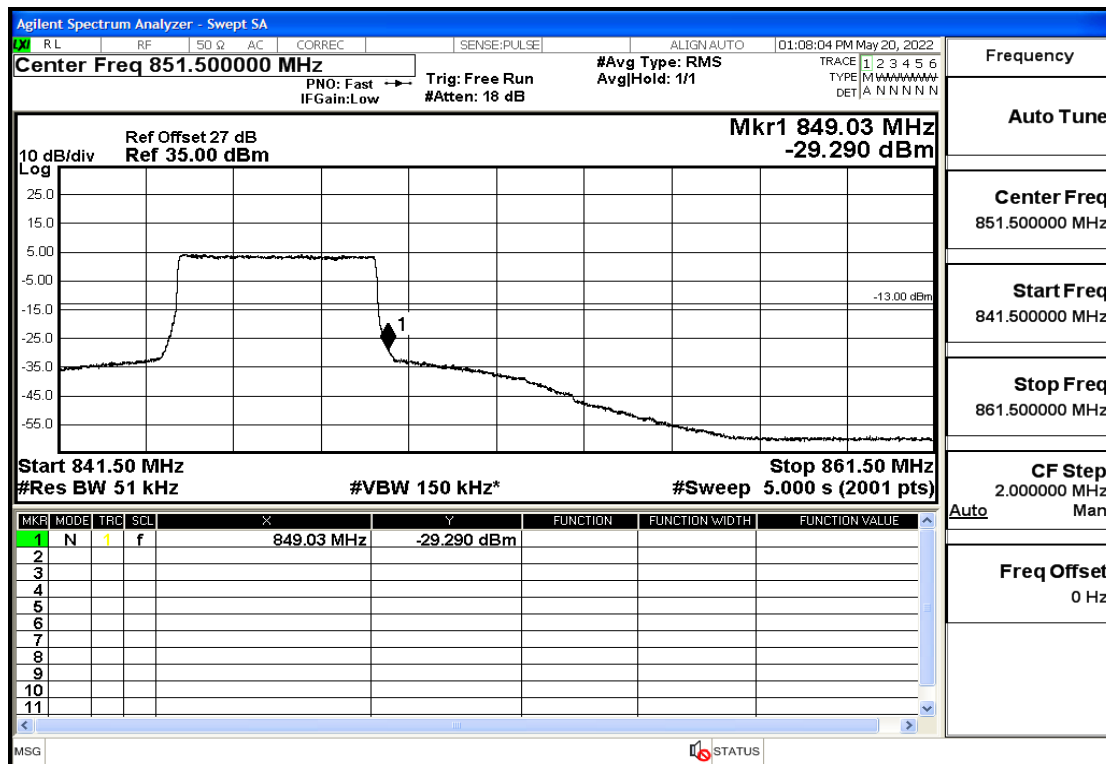
Band5-5-826.5-16QAM-25#LOW@Pass



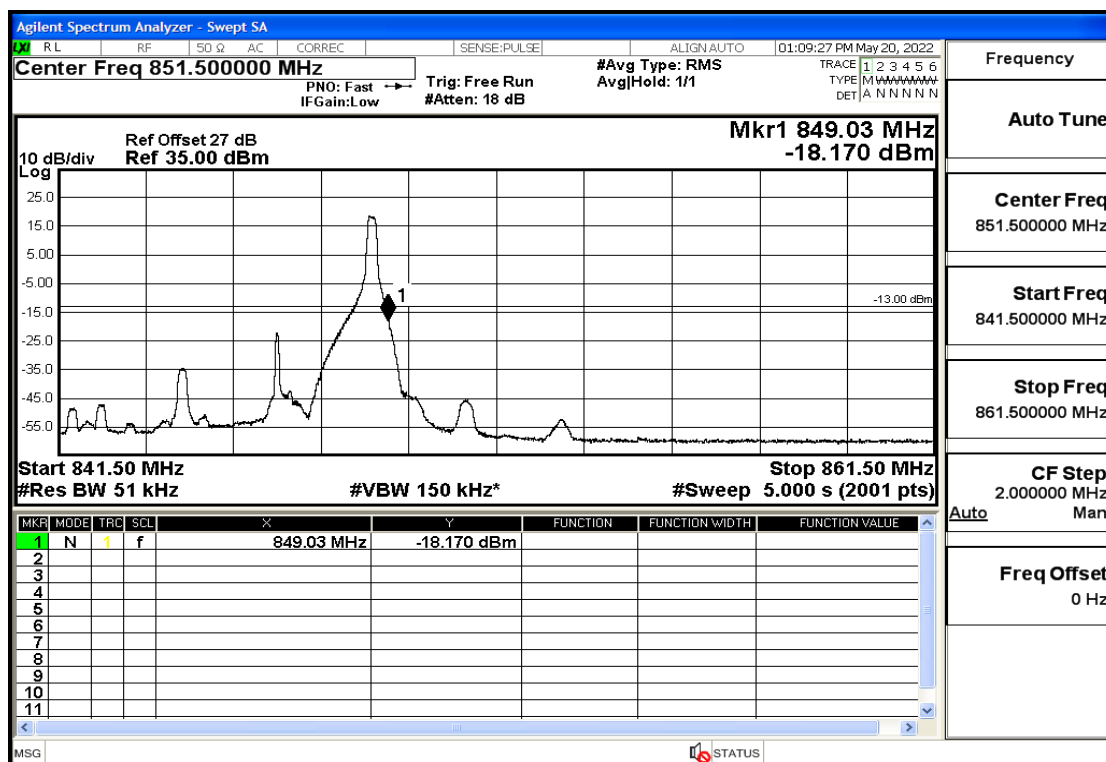
Band5-5-826.5-16QAM-1#LOW@Pass



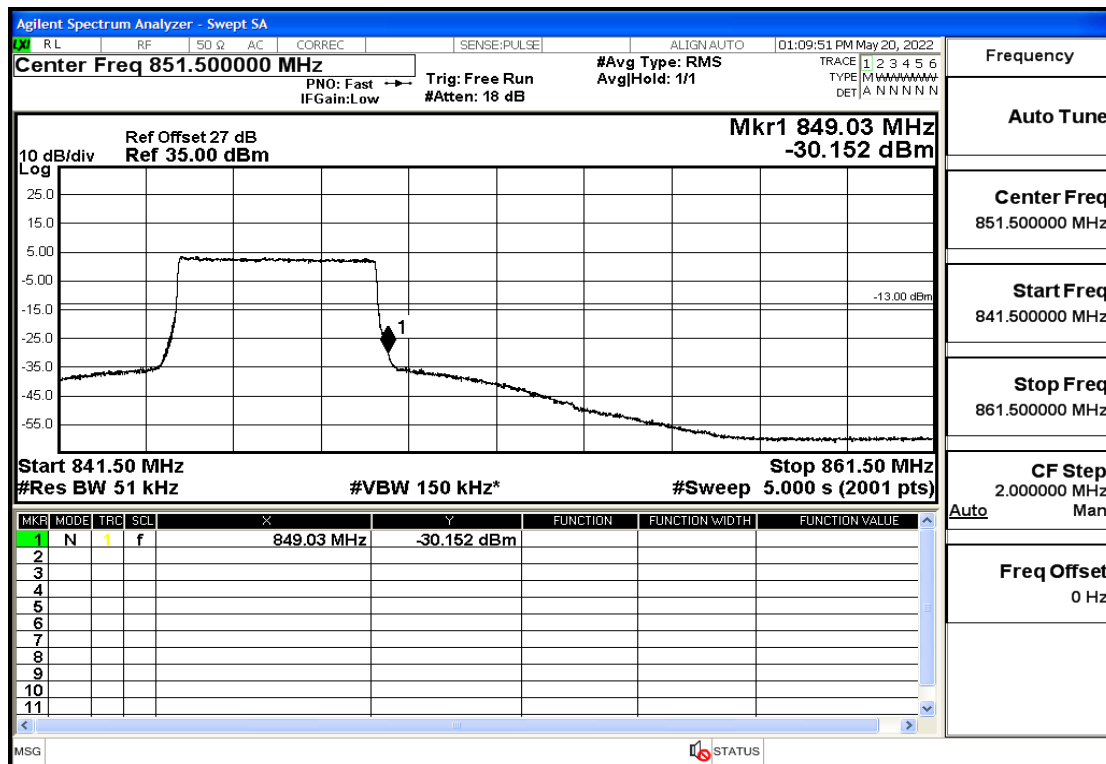
Band5-5-846.5-QPSK-25#LOW@Pass



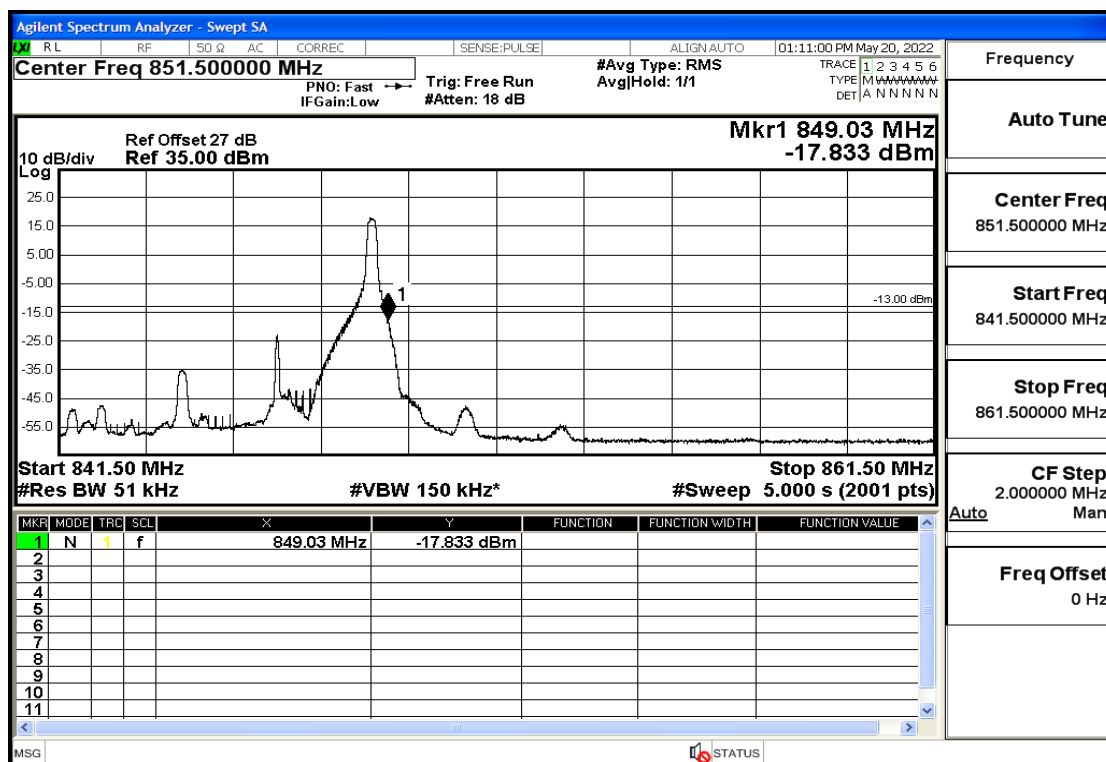
Band5-5-846.5-QPSK-1#HIGH@Pass



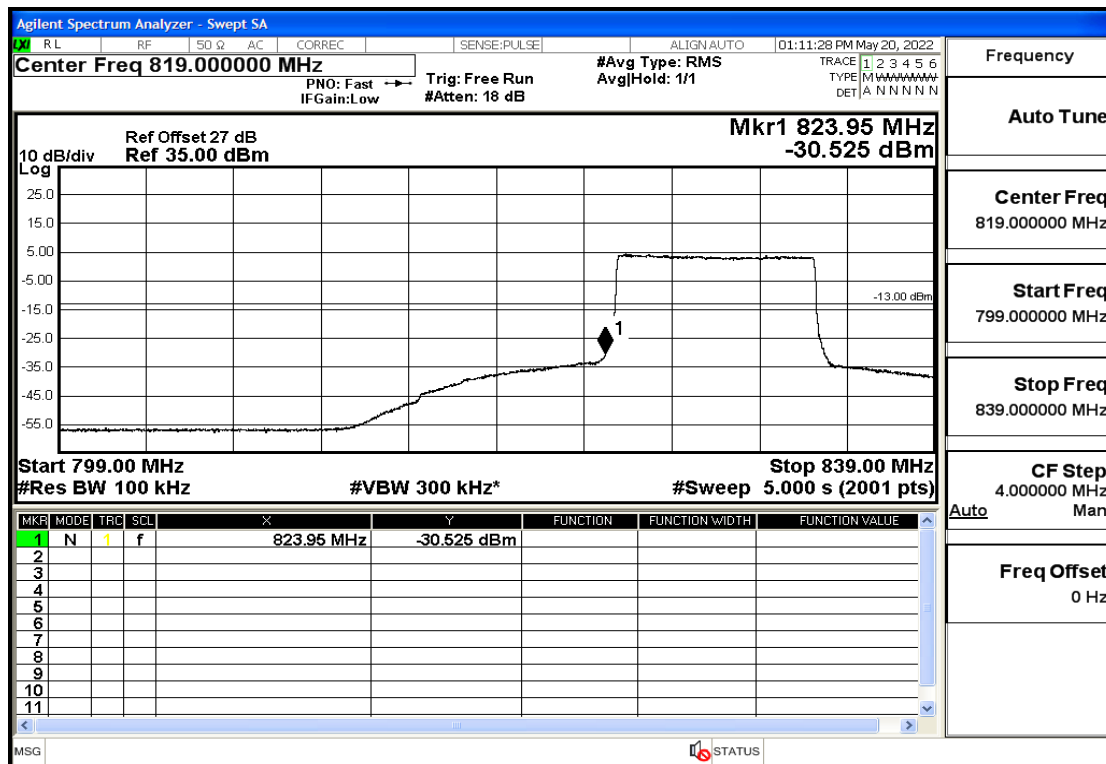
Band5-5-846.5-16QAM-25#LOW@Pass



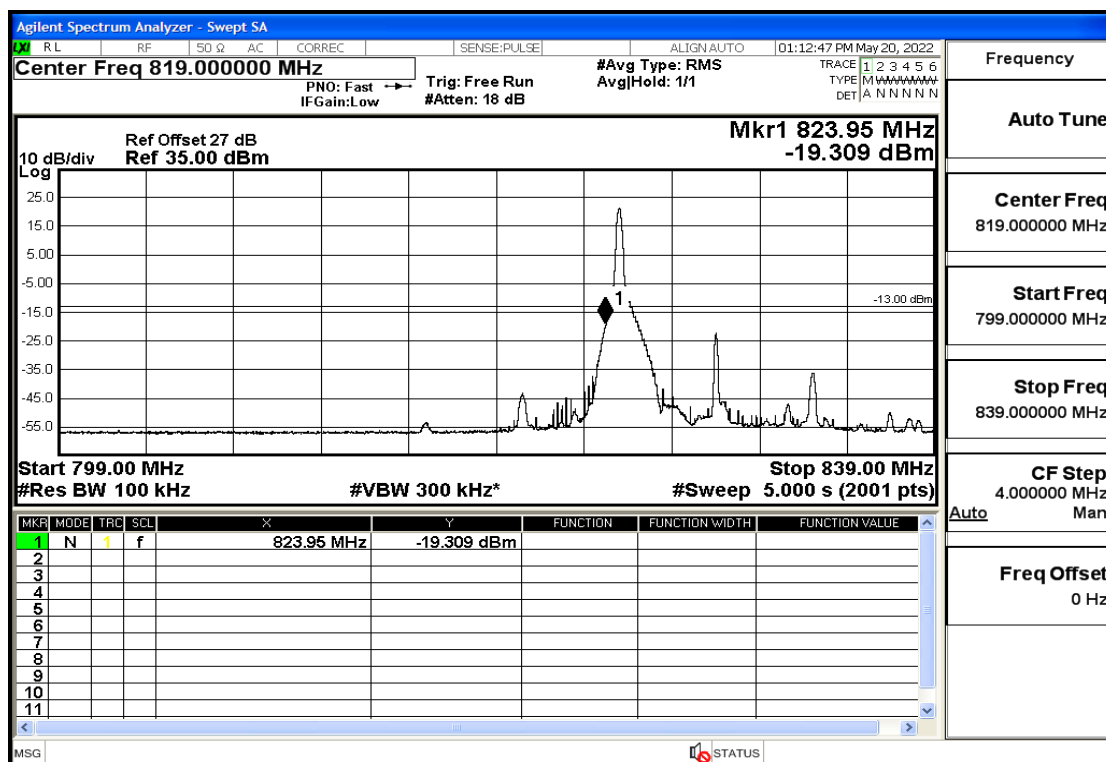
Band5-5-846.5-16QAM-1#HIGH@Pass



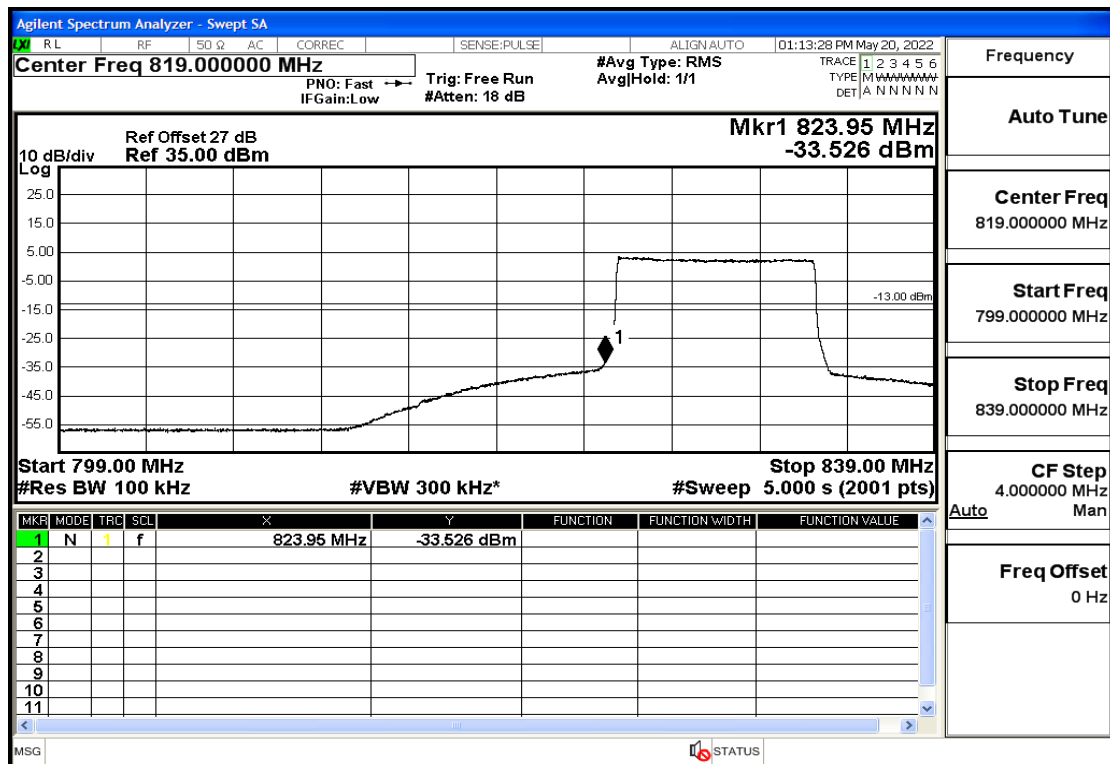
Band5-10-829-QPSK-50#LOW@Pass



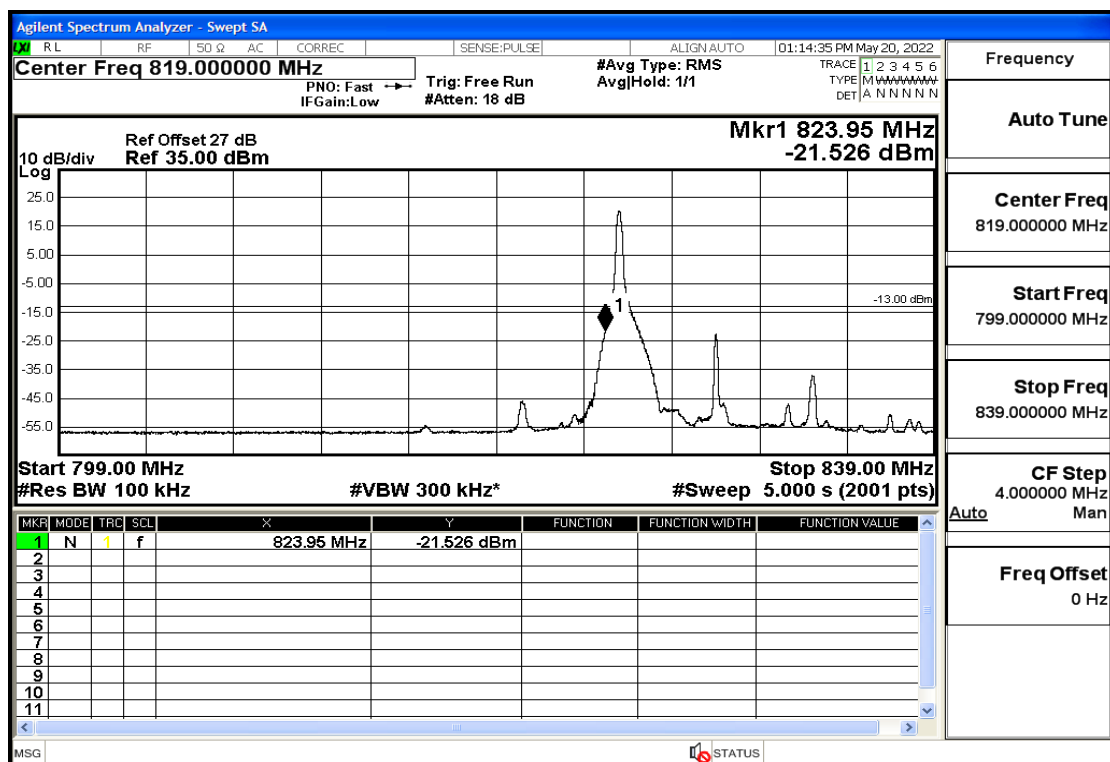
Band5-10-829-QPSK-1#LOW@Pass



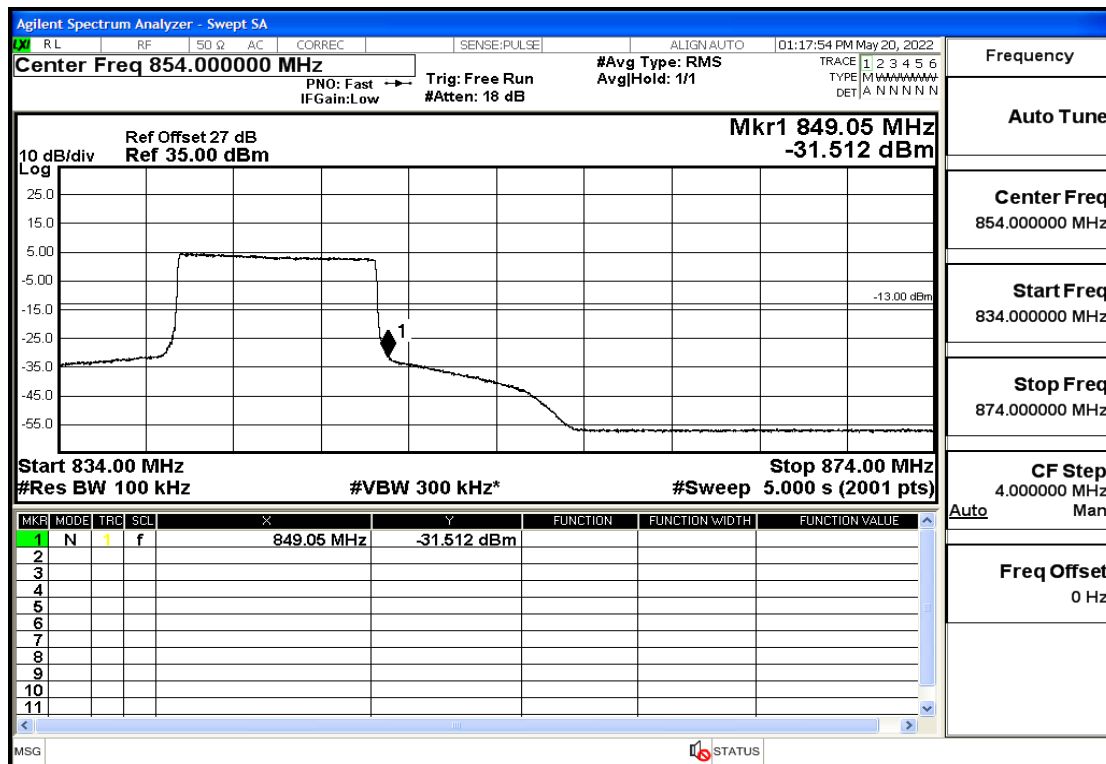
Band5-10-829-16QAM-50#LOW@Pass



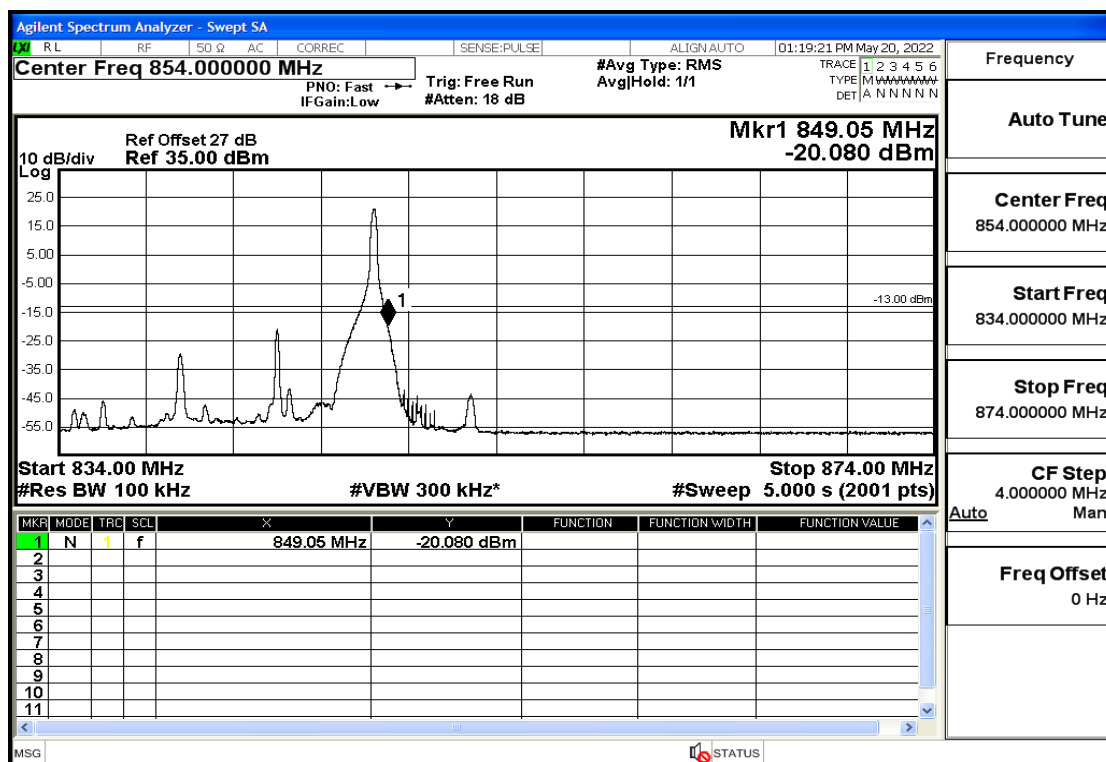
Band5-10-829-16QAM-1#LOW@Pass



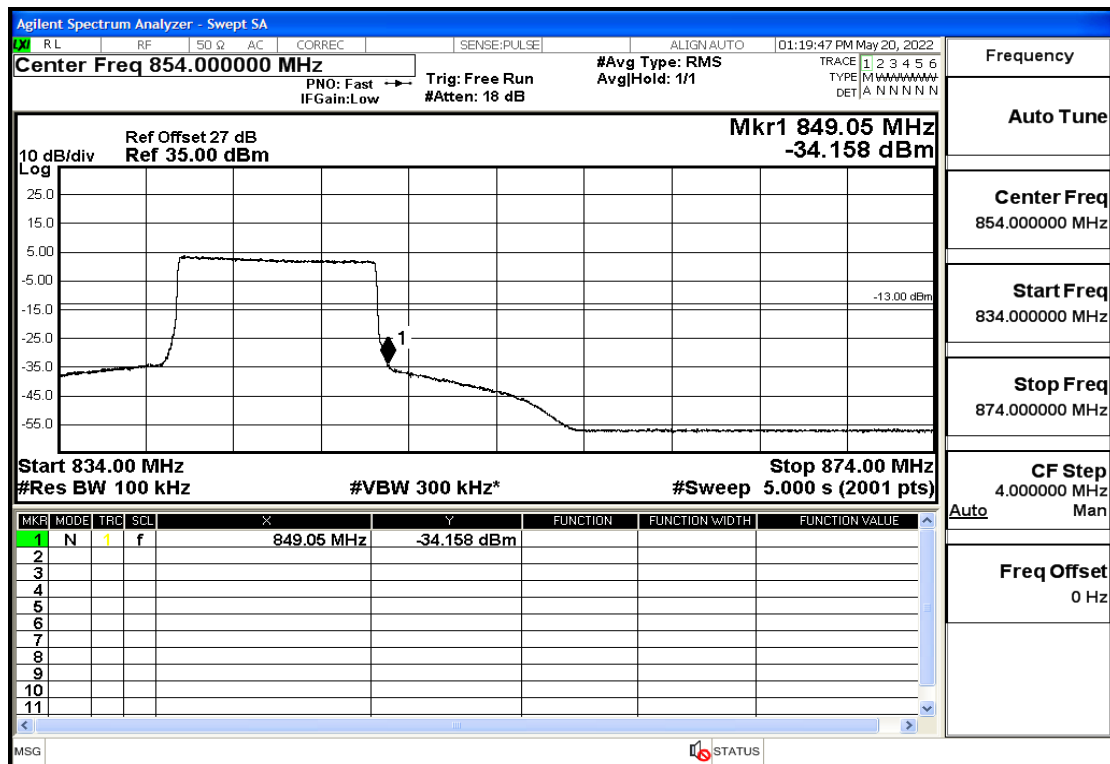
Band5-10-844-QPSK-50#LOW@Pass



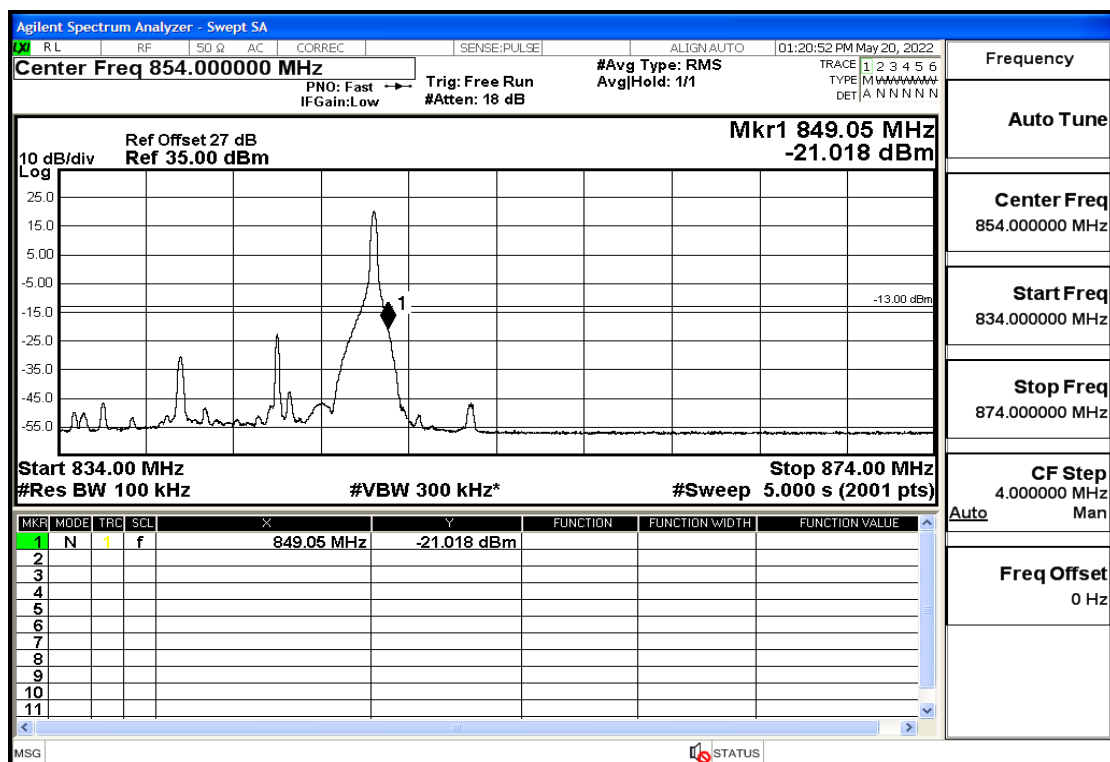
Band5-10-844-QPSK-1#HIGH@Pass



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



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

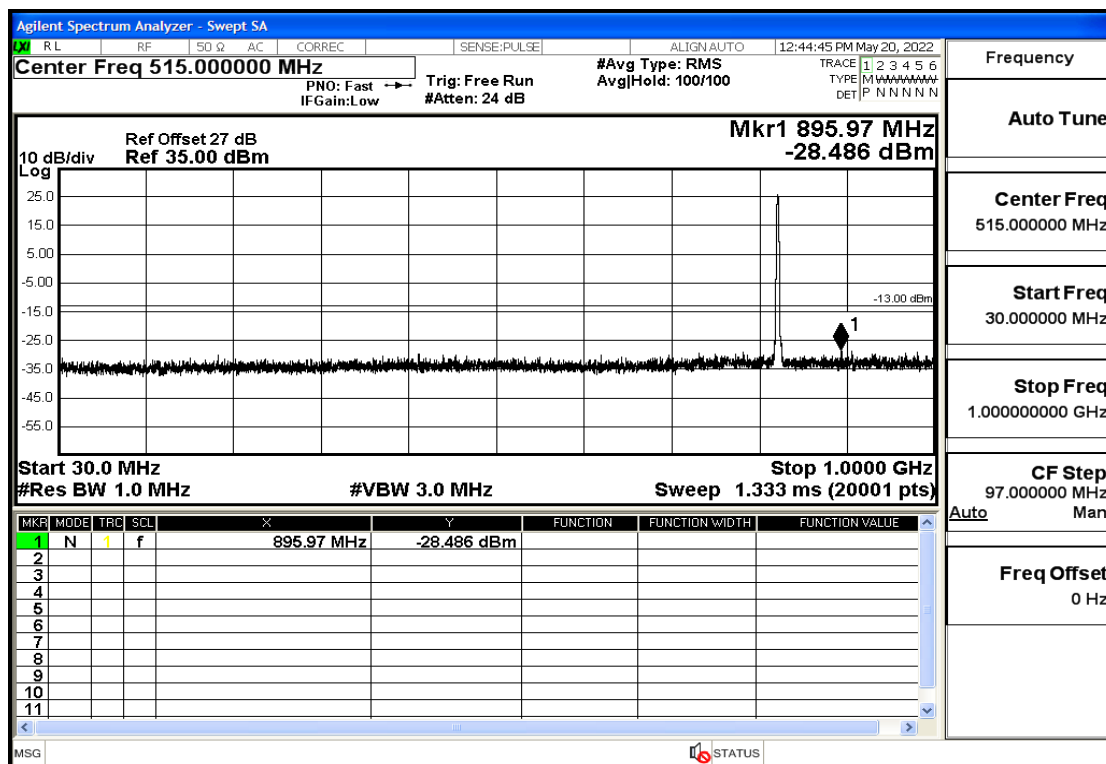


Conducted Spurious Emission

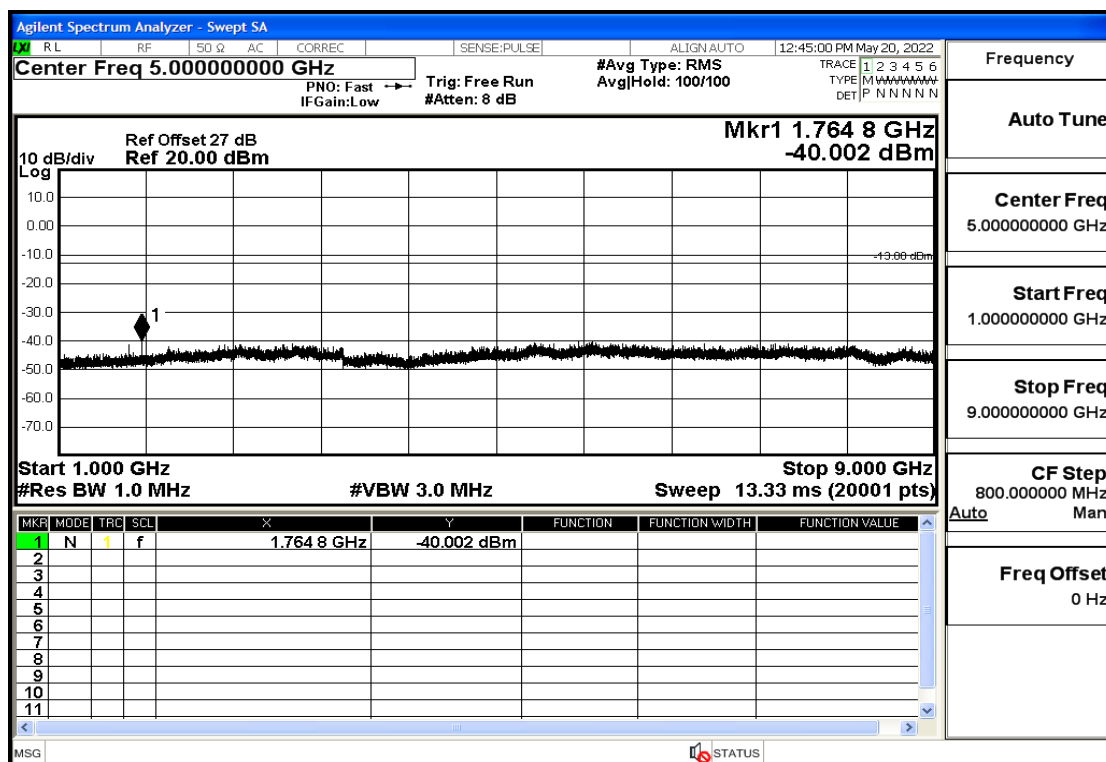
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB5	1.4	824.7	QPSK	6	LOW	30mHz-1GHz	Pass
OB5	1.4	824.7	QPSK	6	LOW	1GHz-9GHz	Pass
OB5	1.4	836.5	QPSK	6	LOW	30mHz-1GHz	Pass
OB5	1.4	836.5	QPSK	6	LOW	1GHz-9GHz	Pass
OB5	1.4	848.3	QPSK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

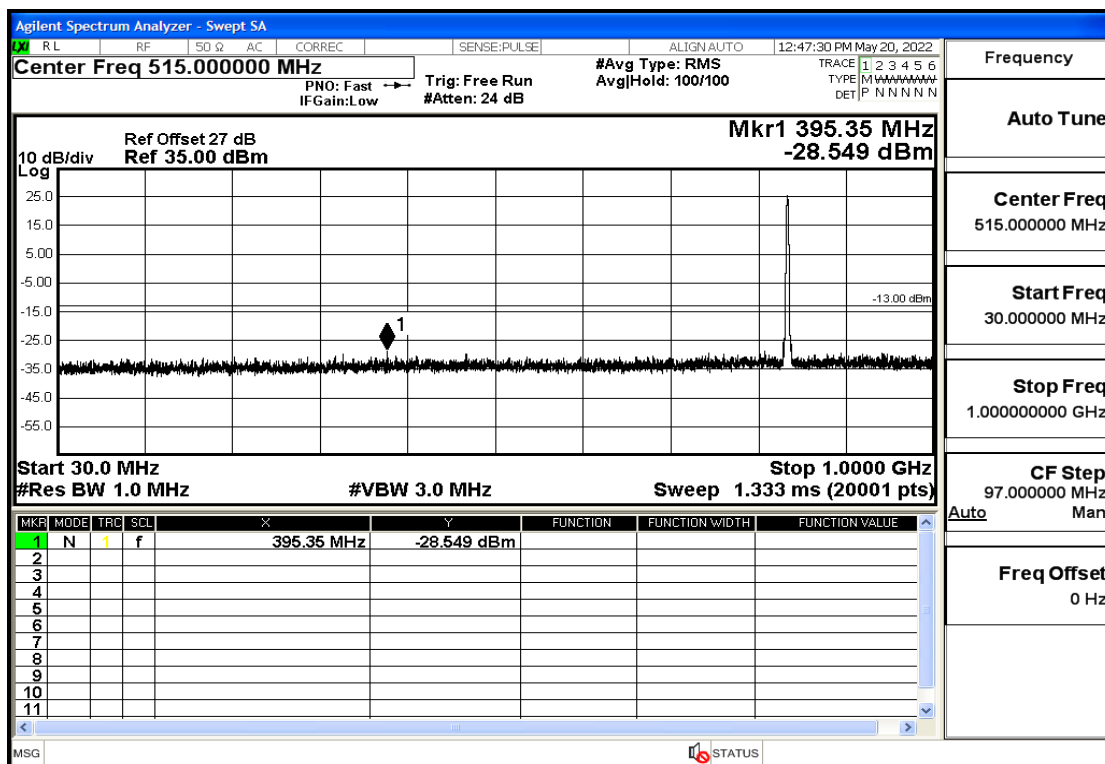
OB5-1.4-824.7-QPSK-6#LOW@30mHz-1GHz@Pass



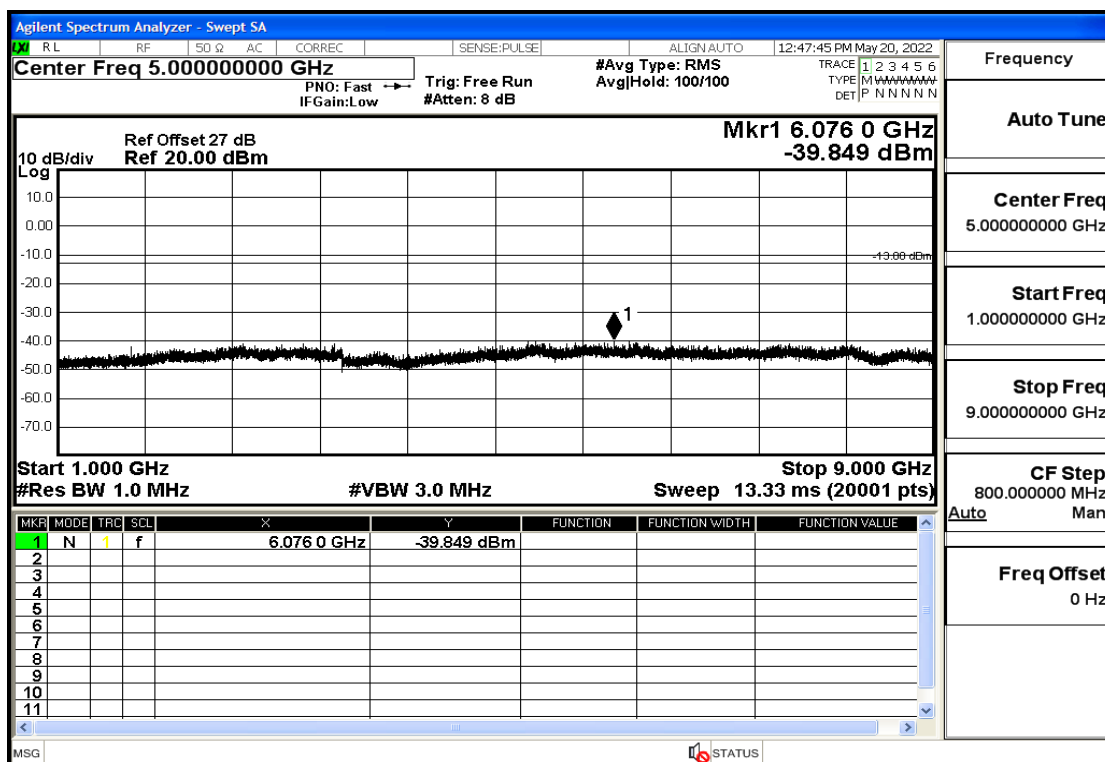
OB5-1.4-824.7-QPSK-6#LOW@1GHz-9GHz@Pass



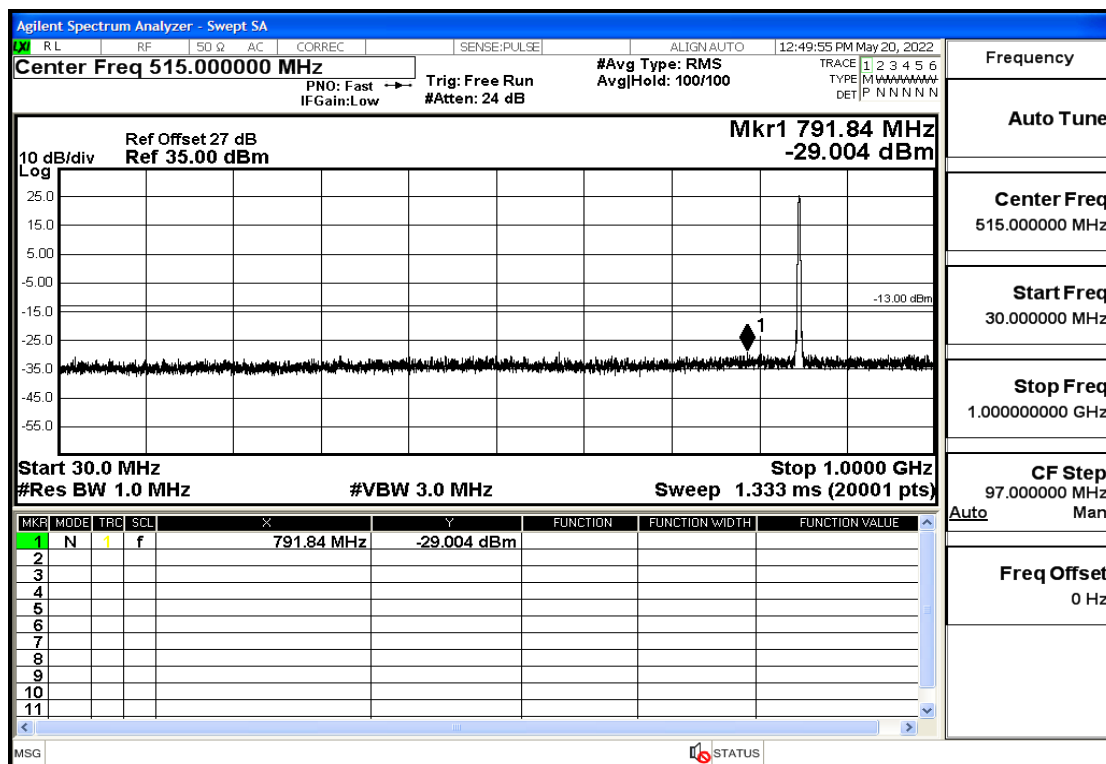
OB5-1.4-836.5-QPSK-6#LOW@30mHz-1GHz@Pass



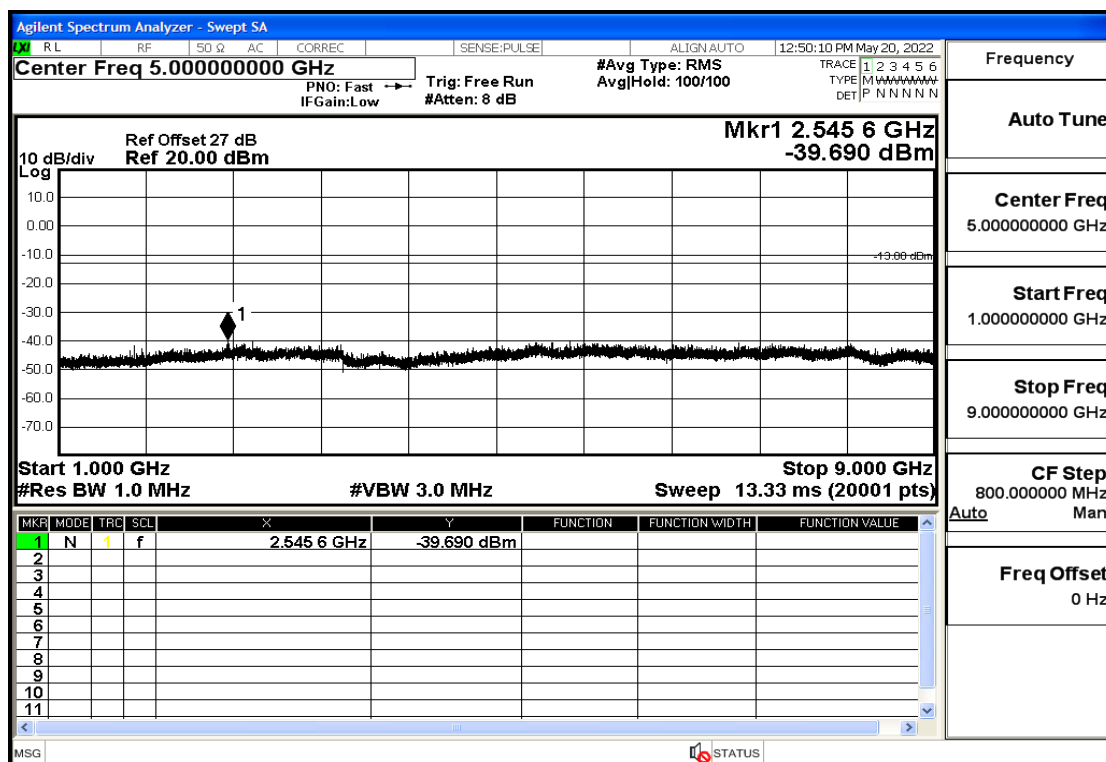
OB5-1.4-836.5-QPSK-6#LOW@1GHz-9GHz@Pass



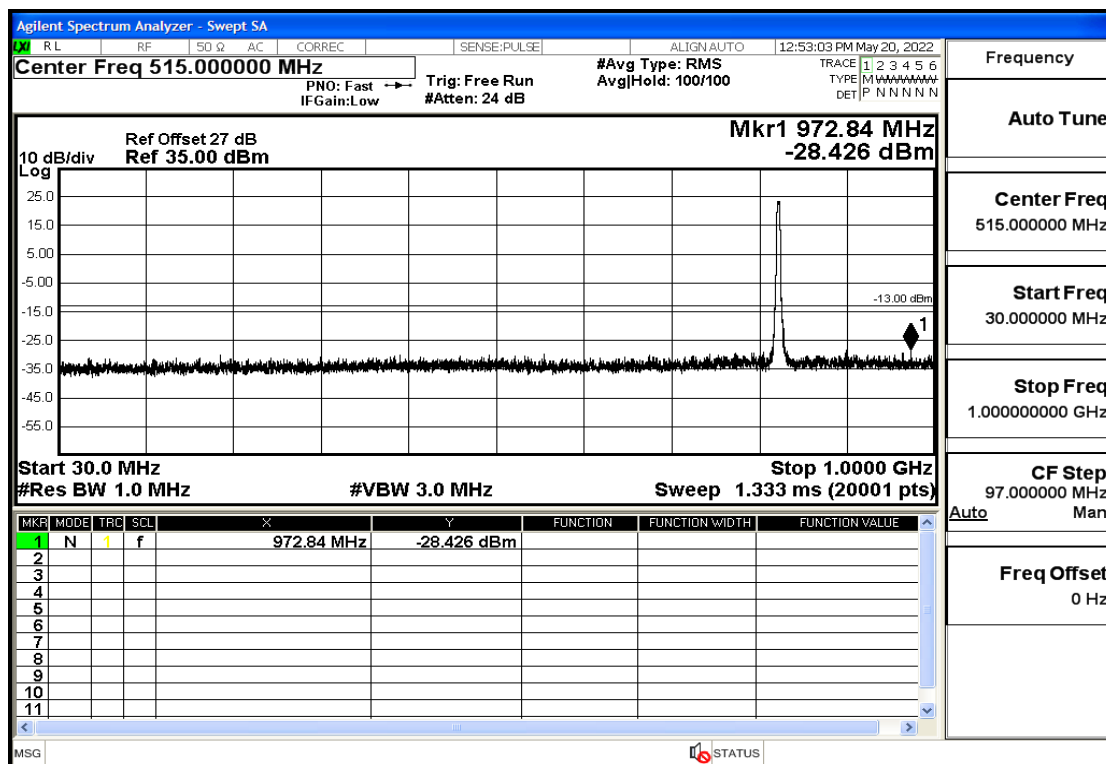
OB5-1.4-848.3-QPSK-6#LOW@30mHz-1GHz@Pass



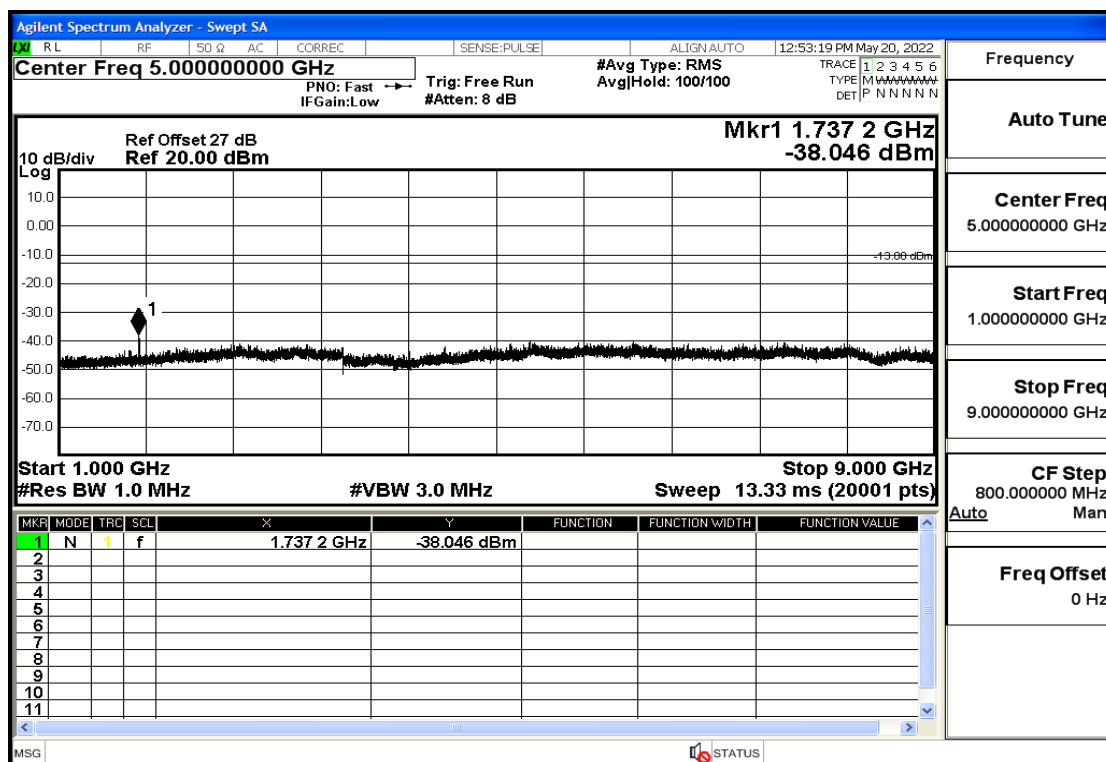
OB5-1.4-848.3-QPSK-6#LOW@1GHz-9GHz@Pass



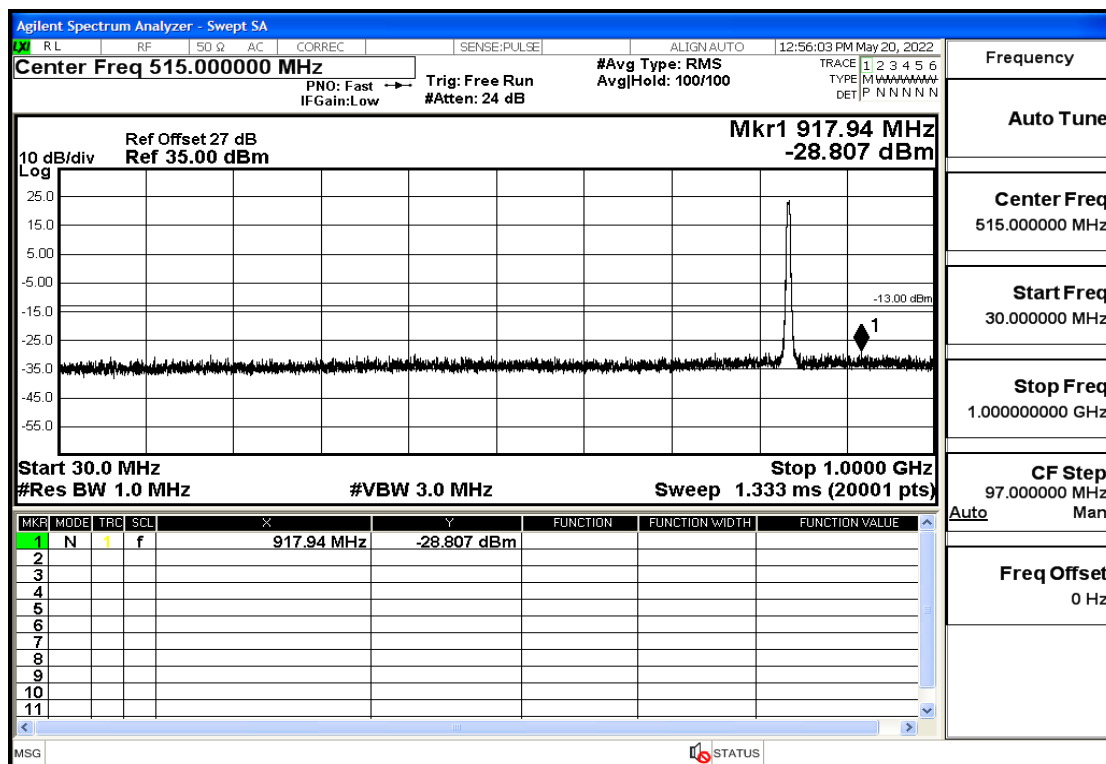
OB5-3-825.5-QPSK-15#LOW@30mHz-1GHz@Pass



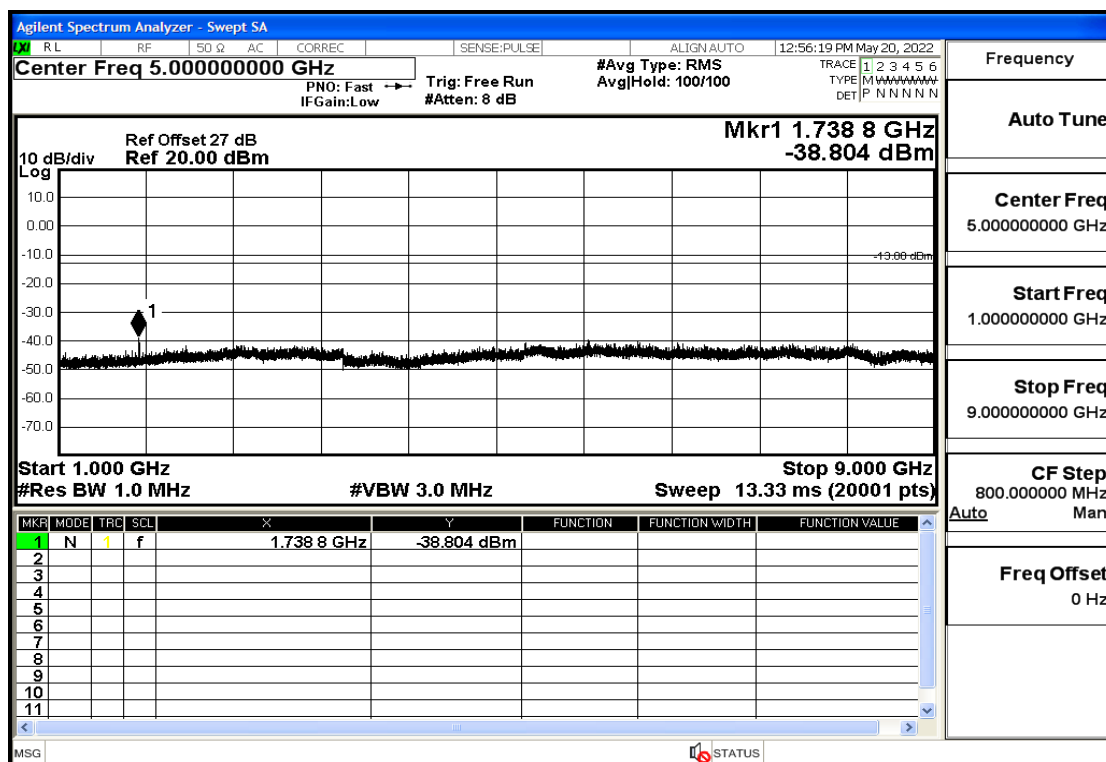
OB5-3-825.5-QPSK-15#LOW@1GHz-9GHz@Pass



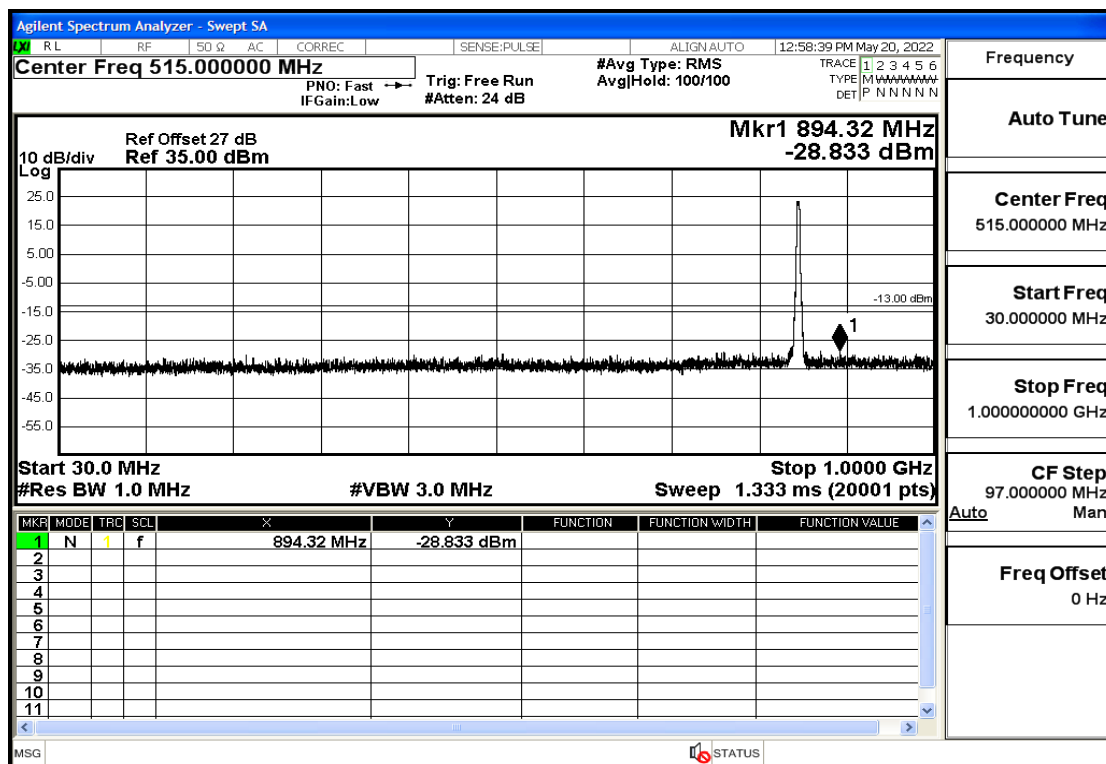
OB5-3-836.5-QPSK-15#LOW@30mHz-1GHz@Pass



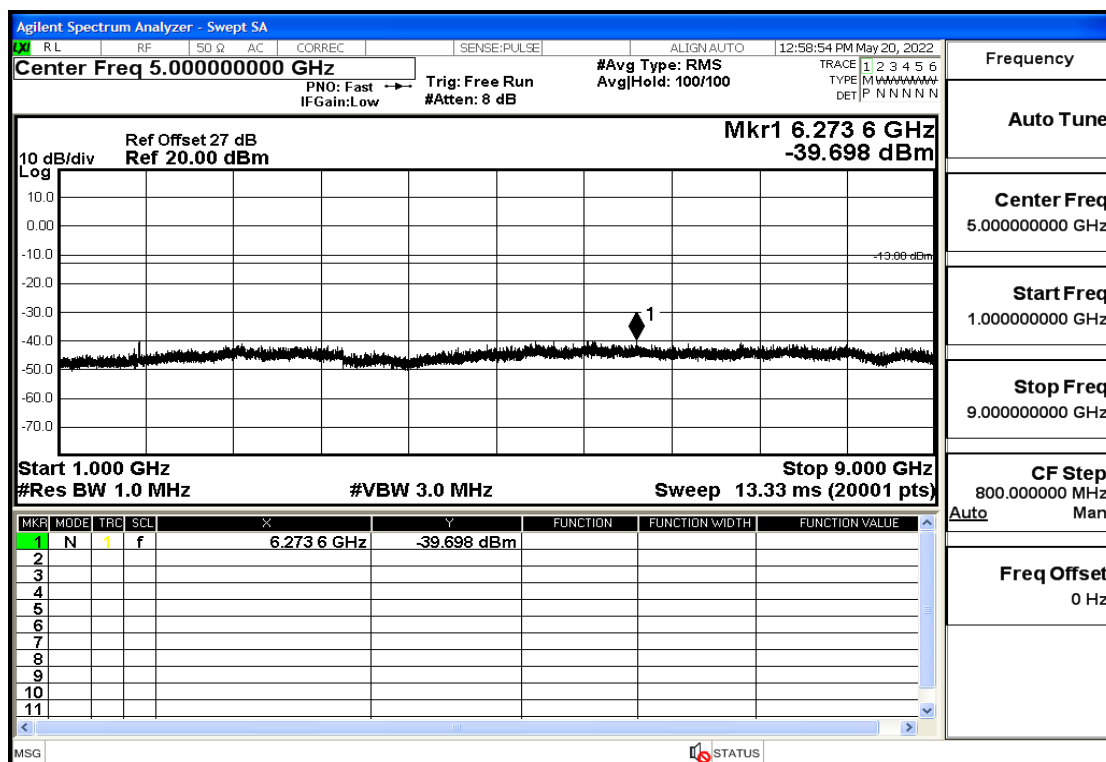
OB5-3-836.5-QPSK-15#LOW@1GHz-9GHz@Pass



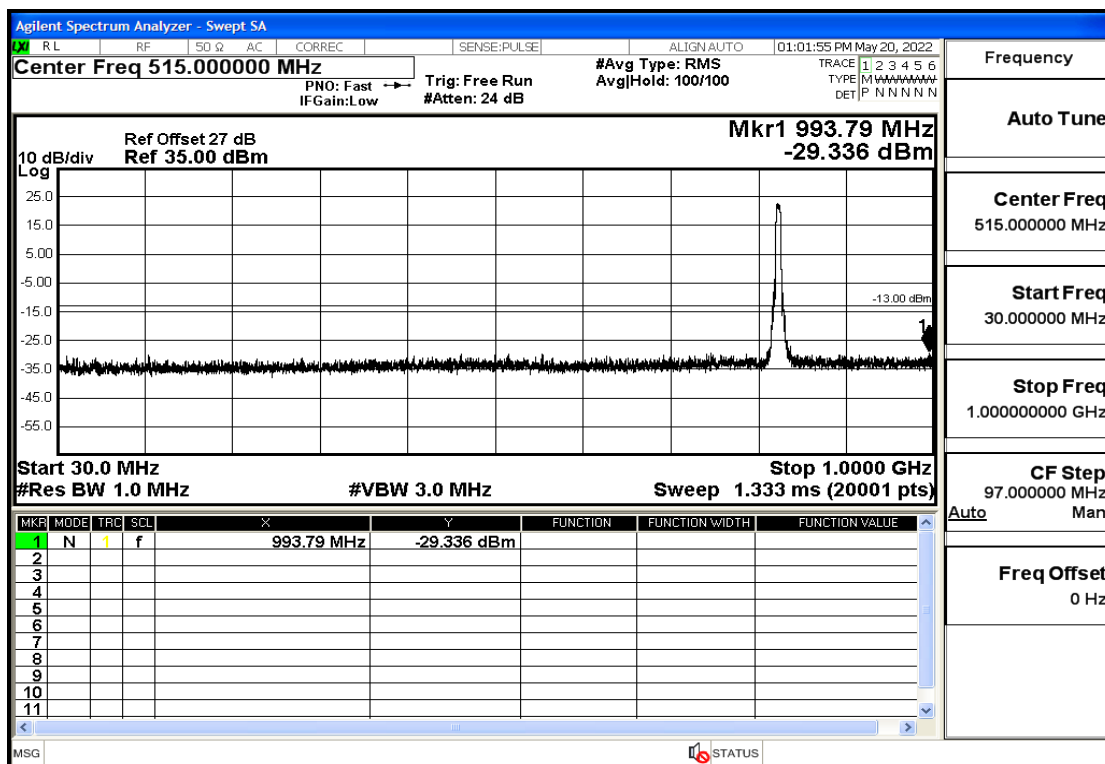
OB5-3-847.5-QPSK-15#LOW@30mHz-1GHz@Pass



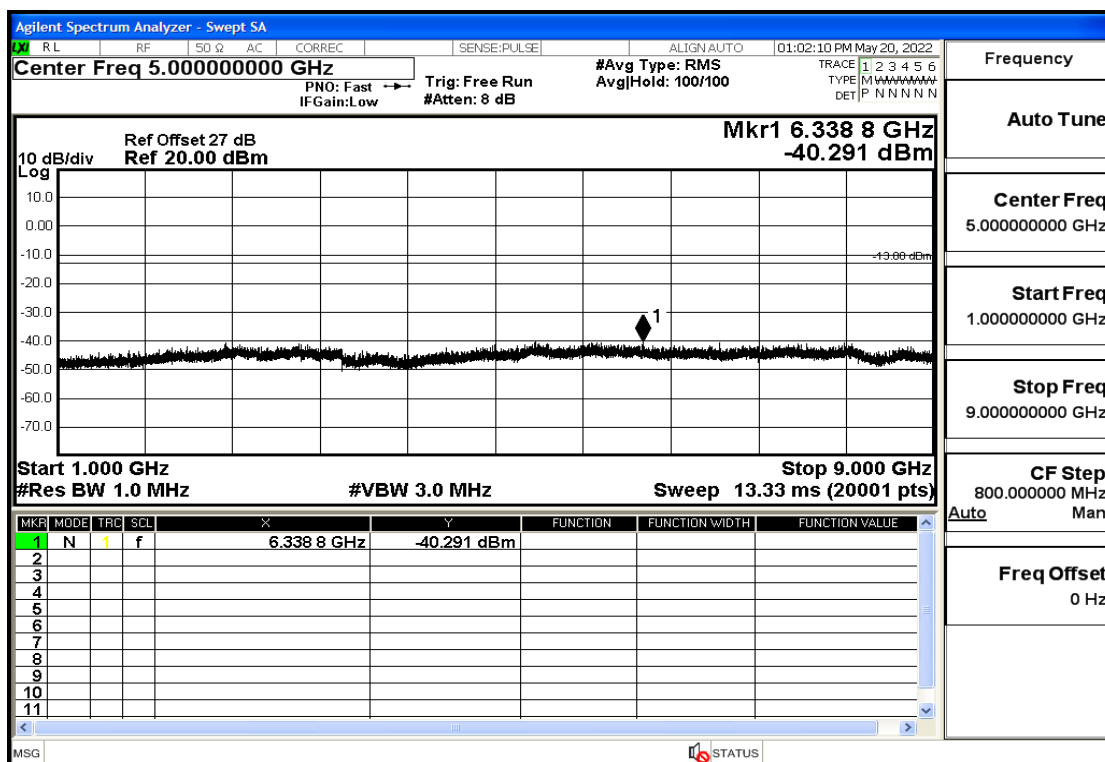
OB5-3-847.5-QPSK-15#LOW@1GHz-9GHz@Pass



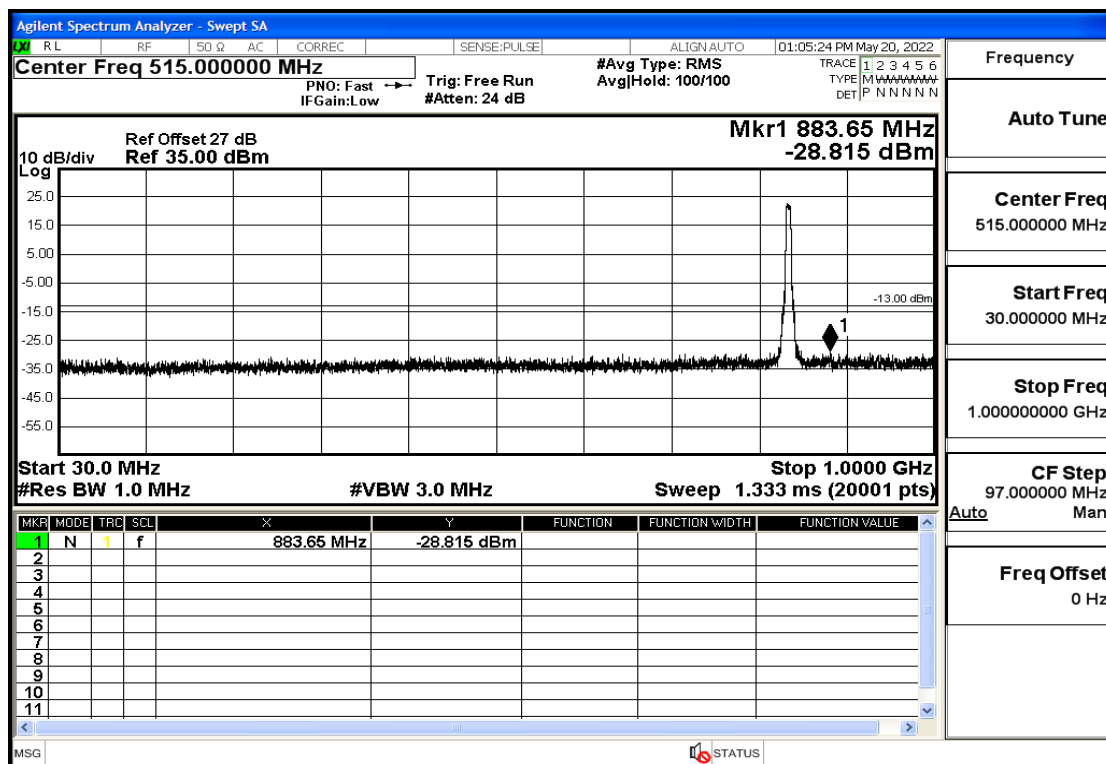
OB5-5-826.5-QPSK-25#LOW@30mHz-1GHz@Pass



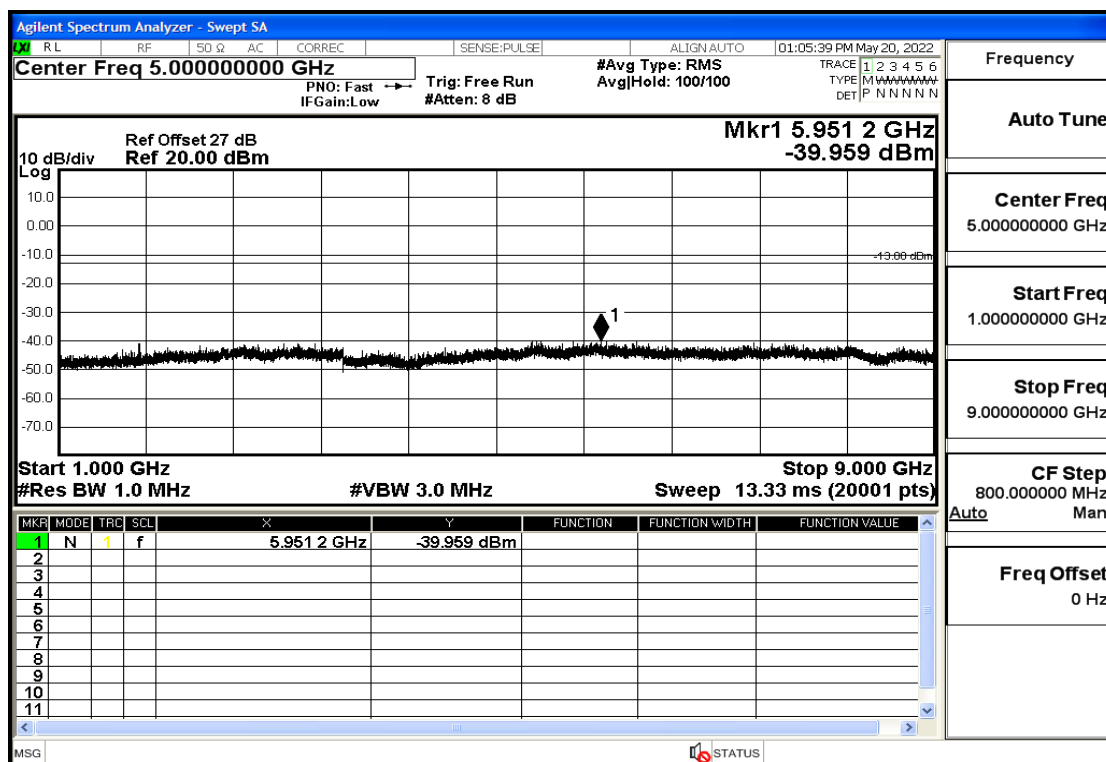
OB5-5-826.5-QPSK-25#LOW@1GHz-9GHz@Pass



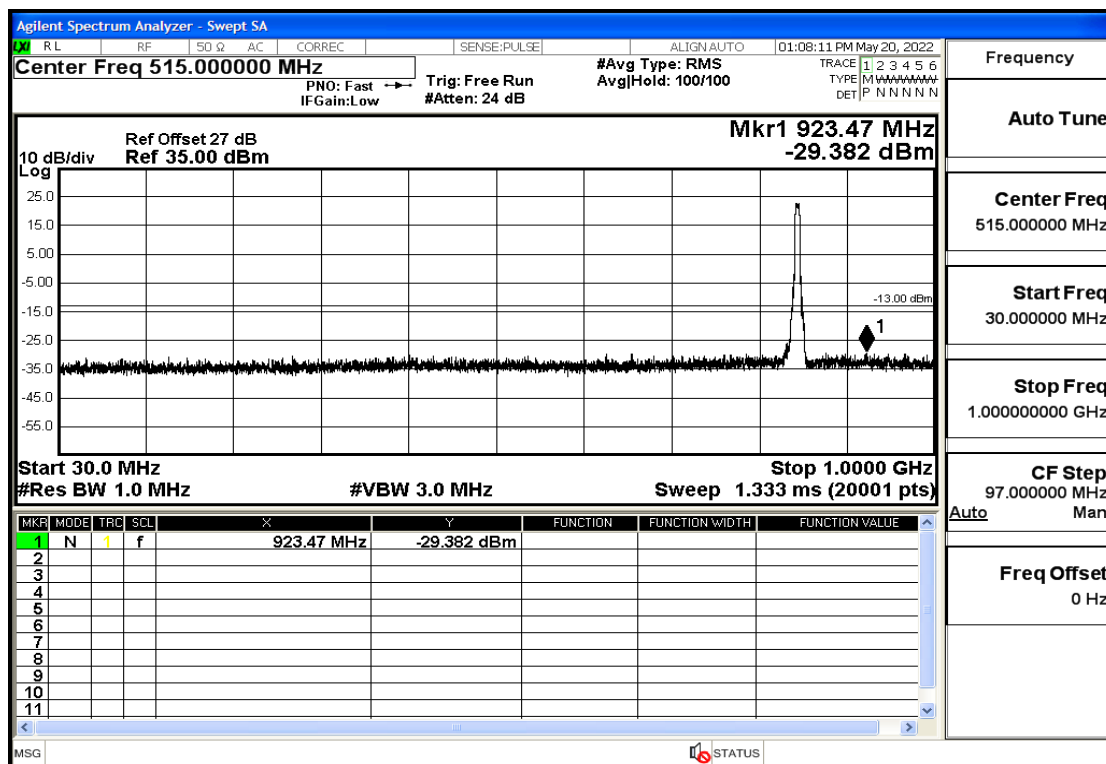
OB5-5-836.5-QPSK-25#LOW@30mHz-1GHz@Pass



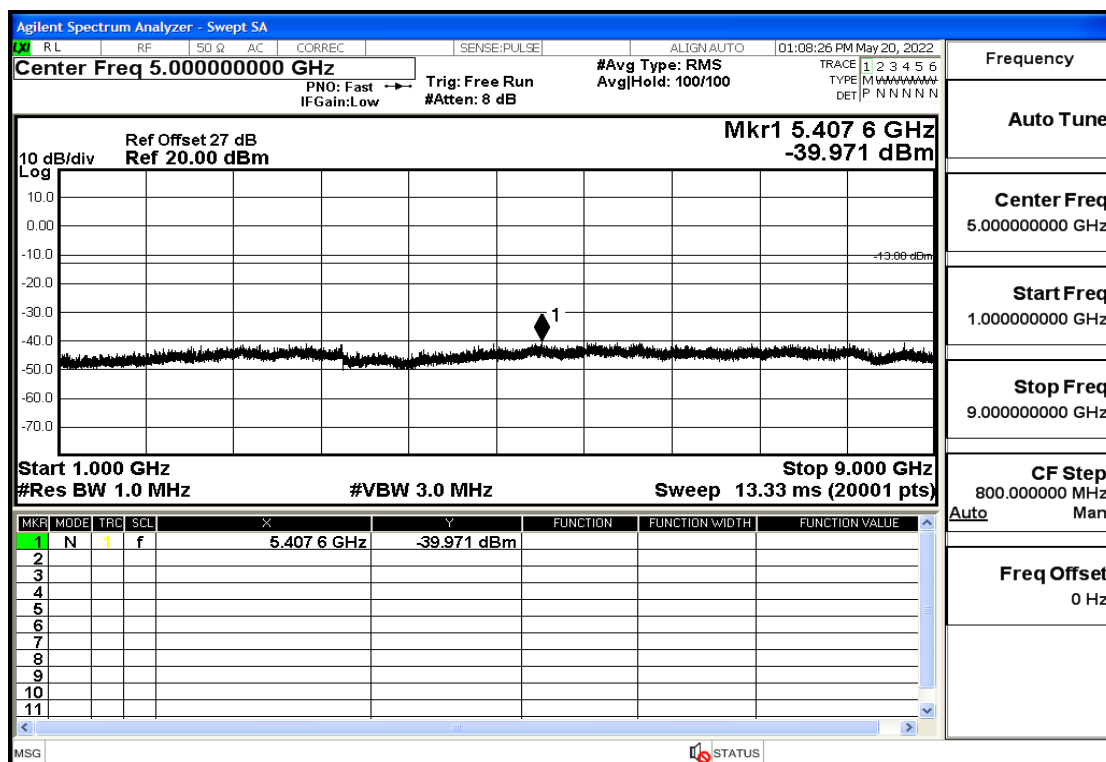
OB5-5-836.5-QPSK-25#LOW@1GHz-9GHz@Pass



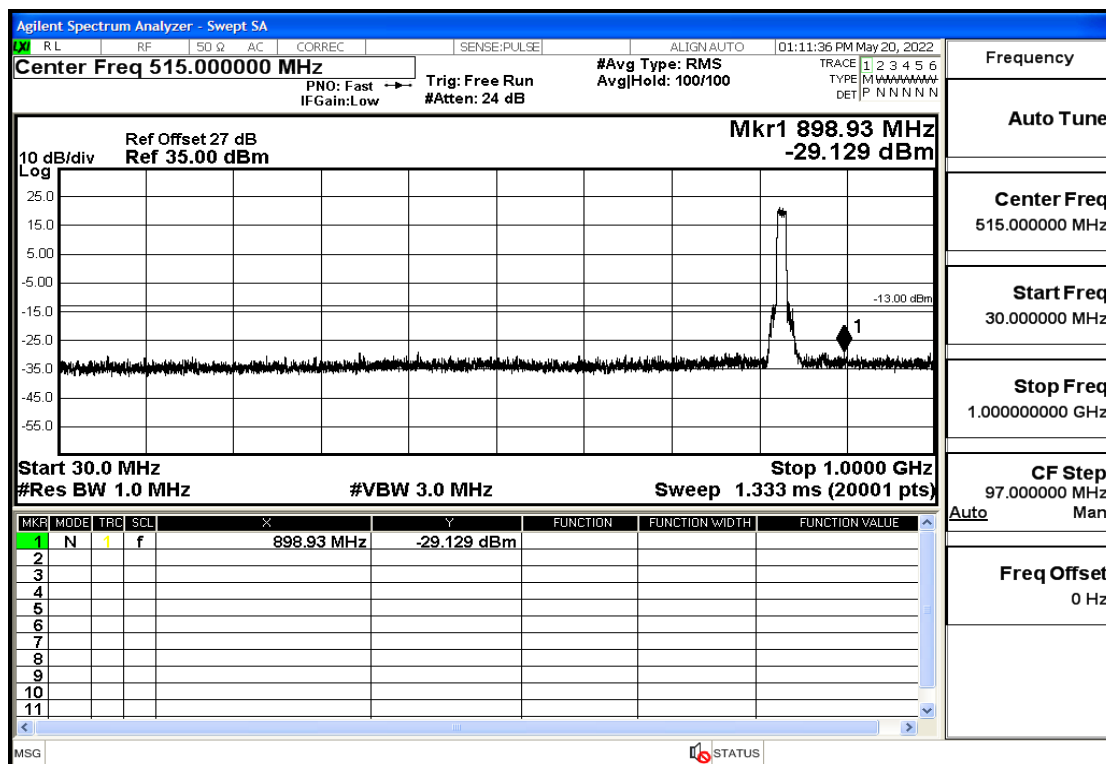
OB5-5-846.5-QPSK-25#LOW@30mHz-1GHz@Pass



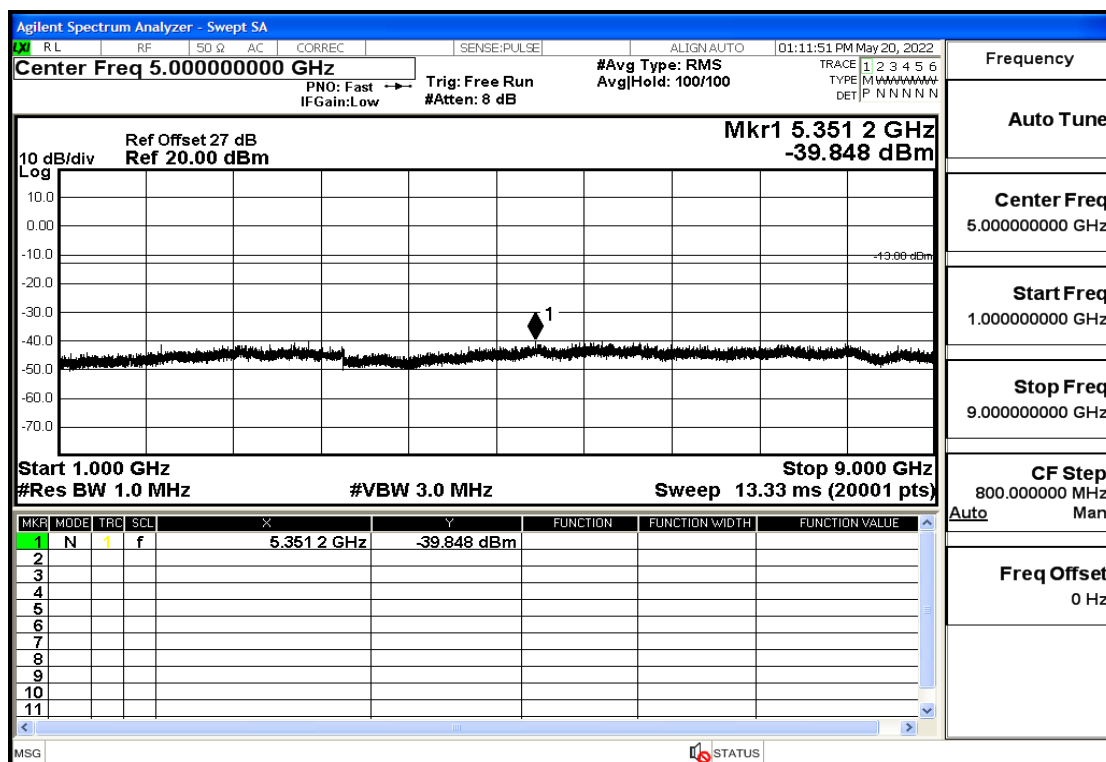
OB5-5-846.5-QPSK-25#LOW@1GHz-9GHz@Pass



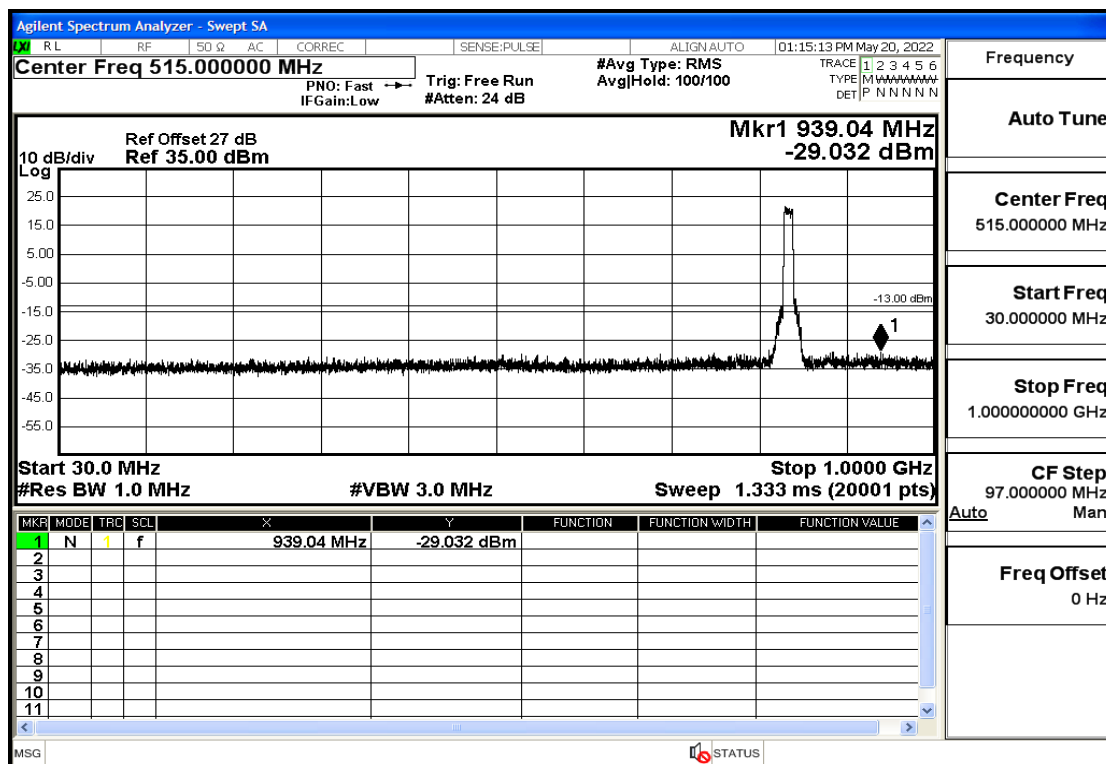
OB5-10-829-QPSK-50#LOW@30mHz-1GHz@Pass



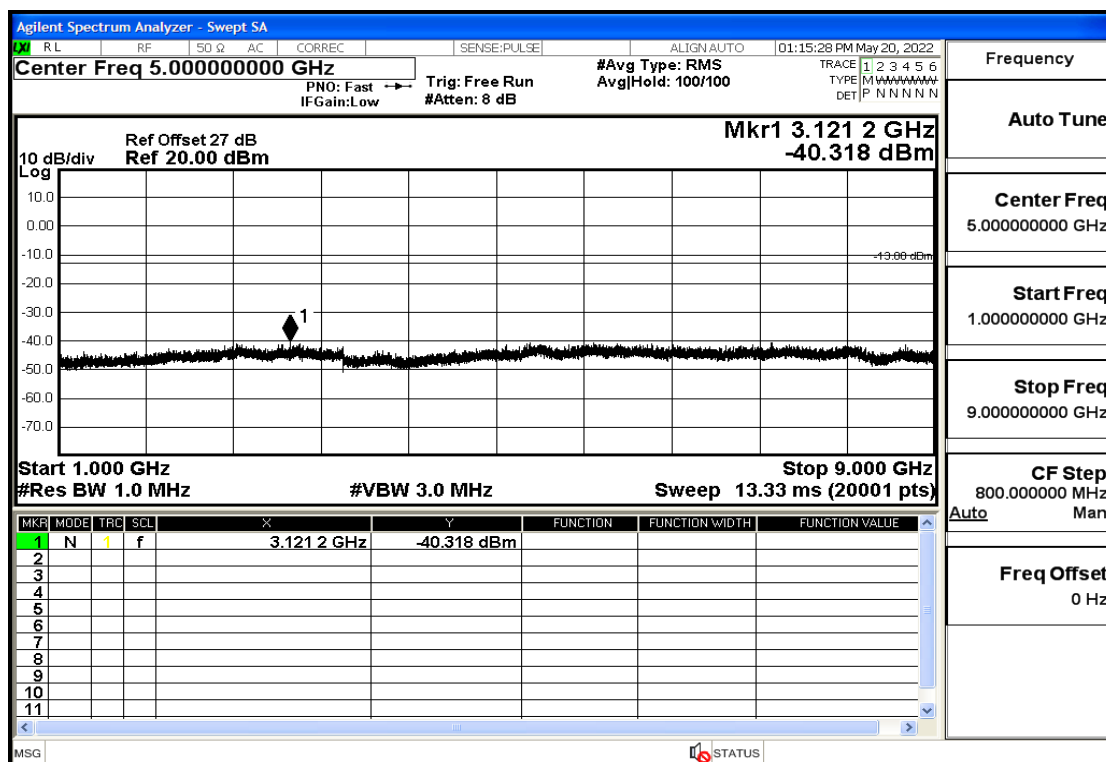
OB5-10-829-QPSK-50#LOW@1GHz-9GHz@Pass



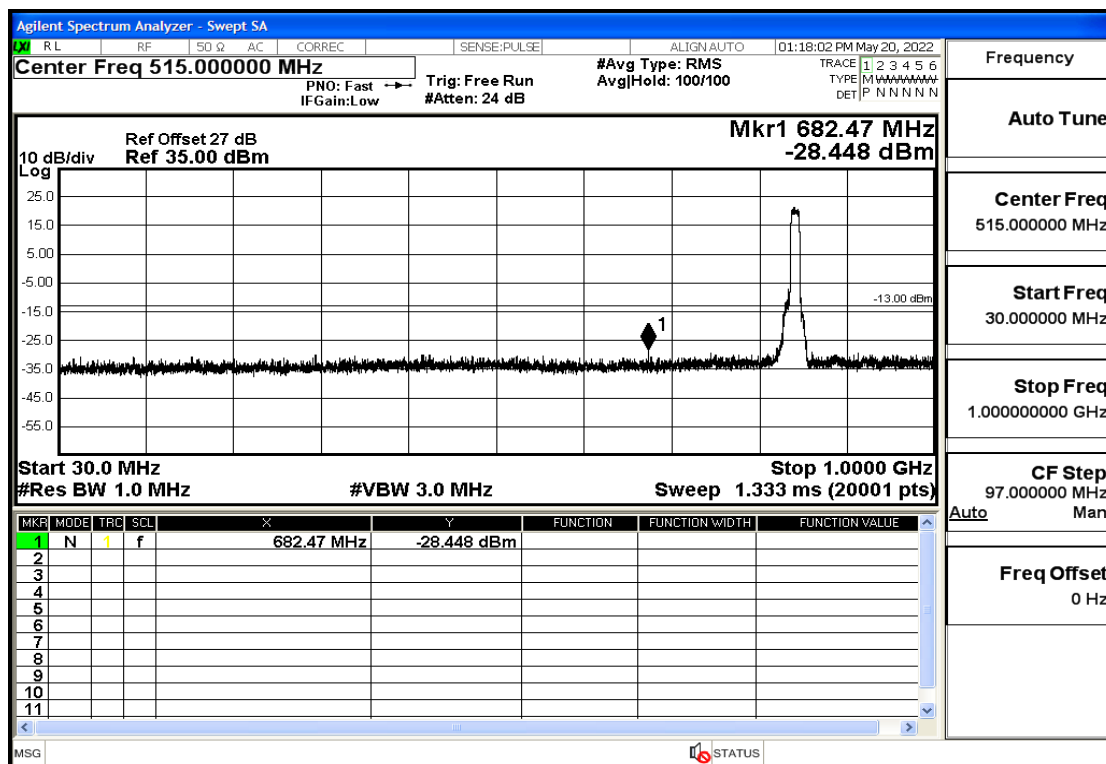
OB5-10-836.5-QPSK-50#LOW@30MHz-1GHz@Pass



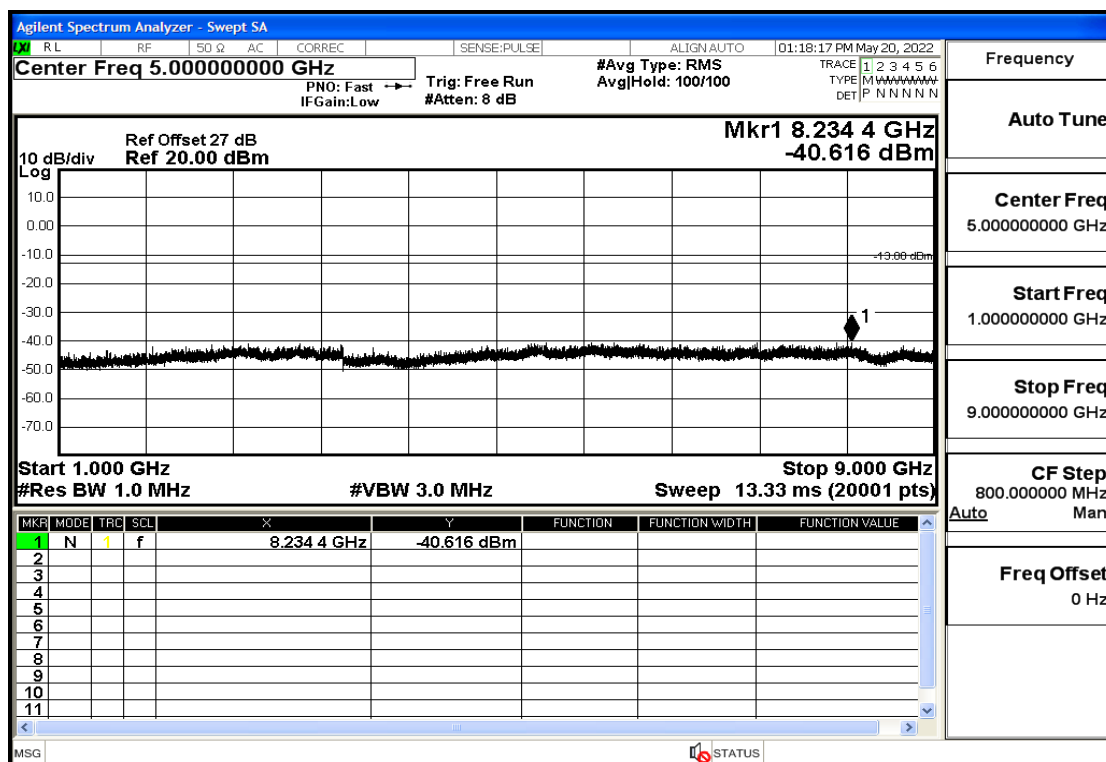
OB5-10-836.5-QPSK-50#LOW@1GHz-9GHz@Pass



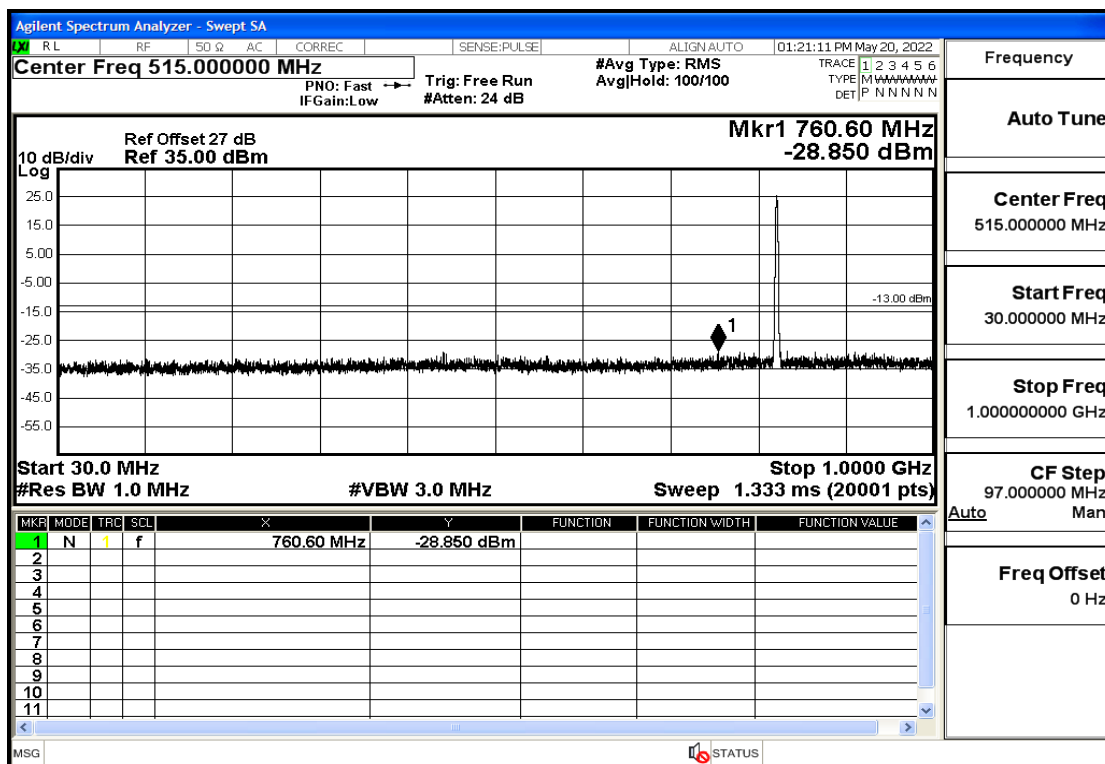
OB5-10-844-QPSK-50#LOW@30mHz-1GHz@Pass



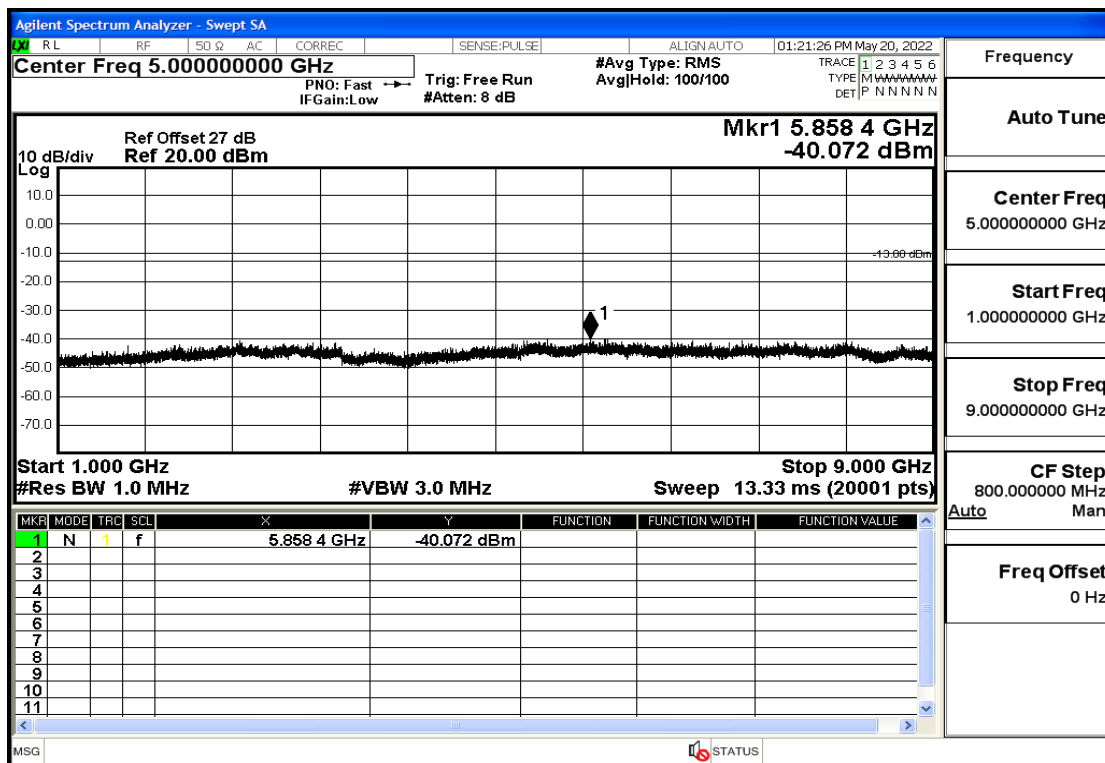
OB5-10-844-QPSK-50#LOW@1GHz-9GHz@Pass



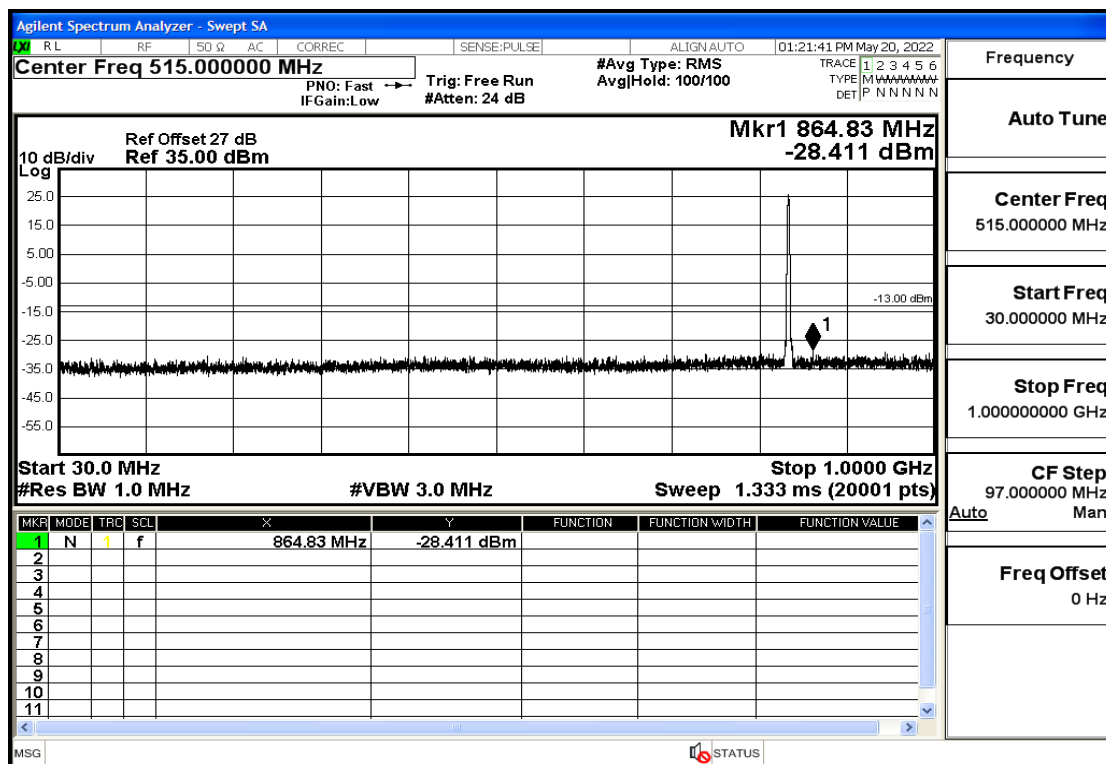
OB5-1.4-824.7-Q16-6#LOW@30mHz-1GHz@Pass



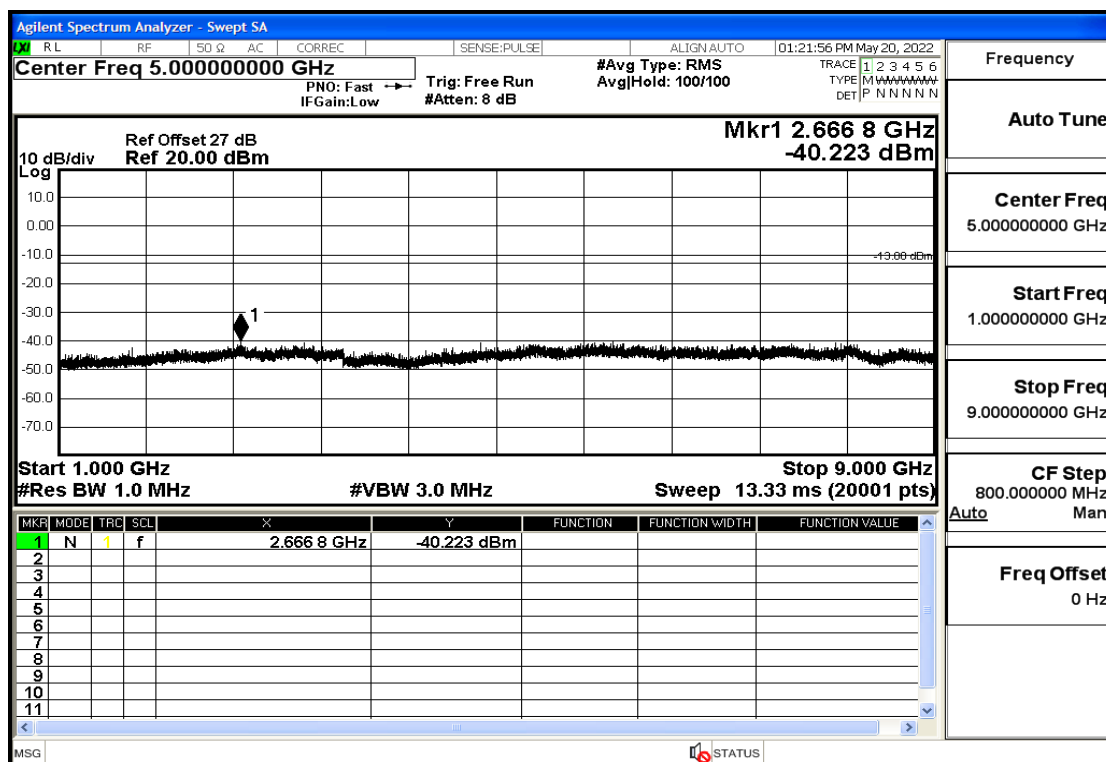
OB5-1.4-824.7-Q16-6#LOW@1GHz-9GHz@Pass



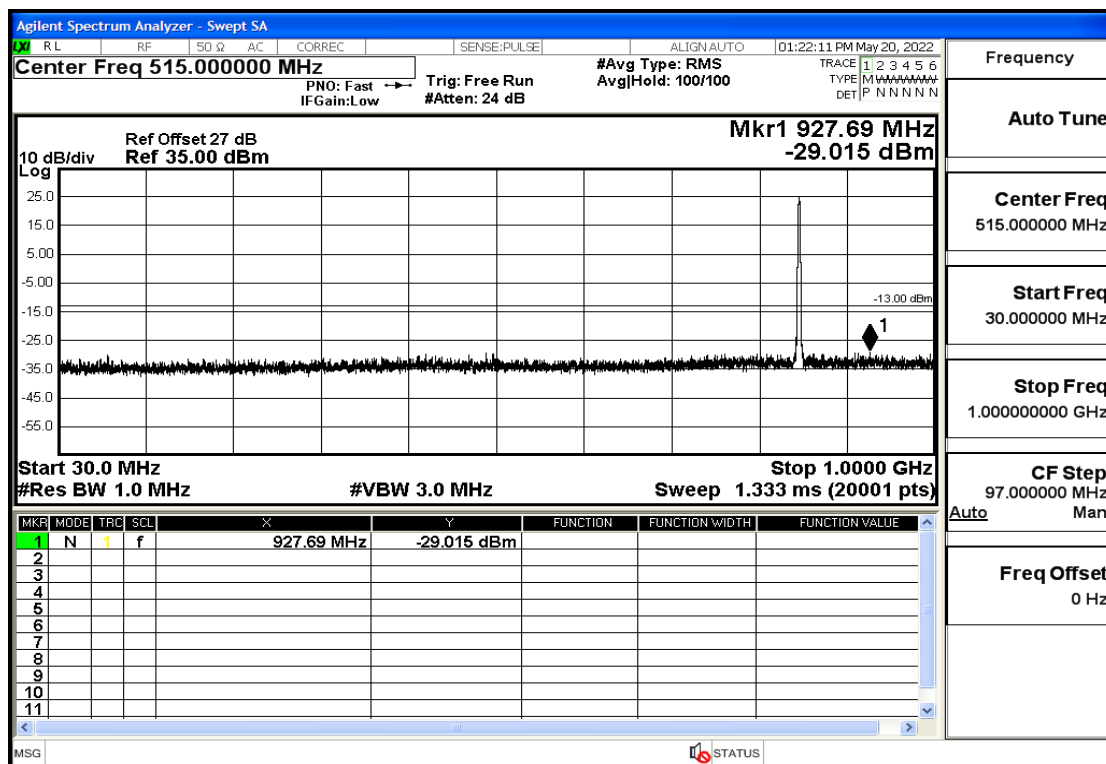
OB5-1.4-836.5-Q16-6#LOW@30mHz-1GHz@Pass



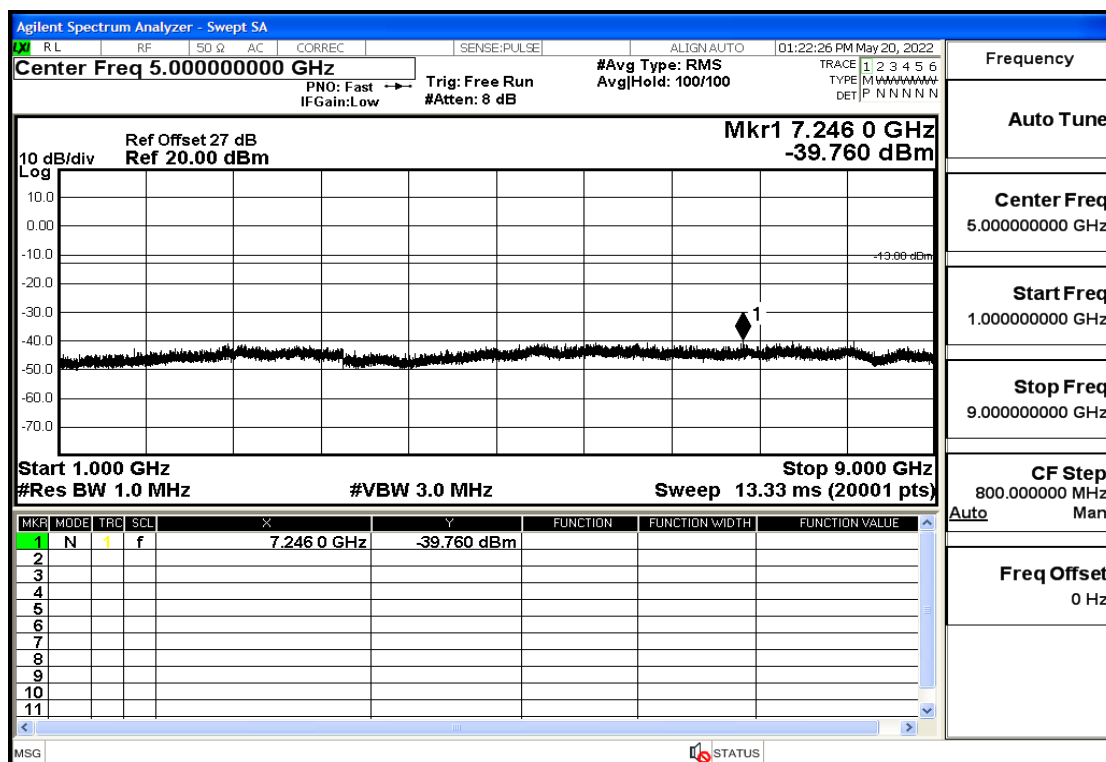
OB5-1.4-836.5-Q16-6#LOW@1GHz-9GHz@Pass



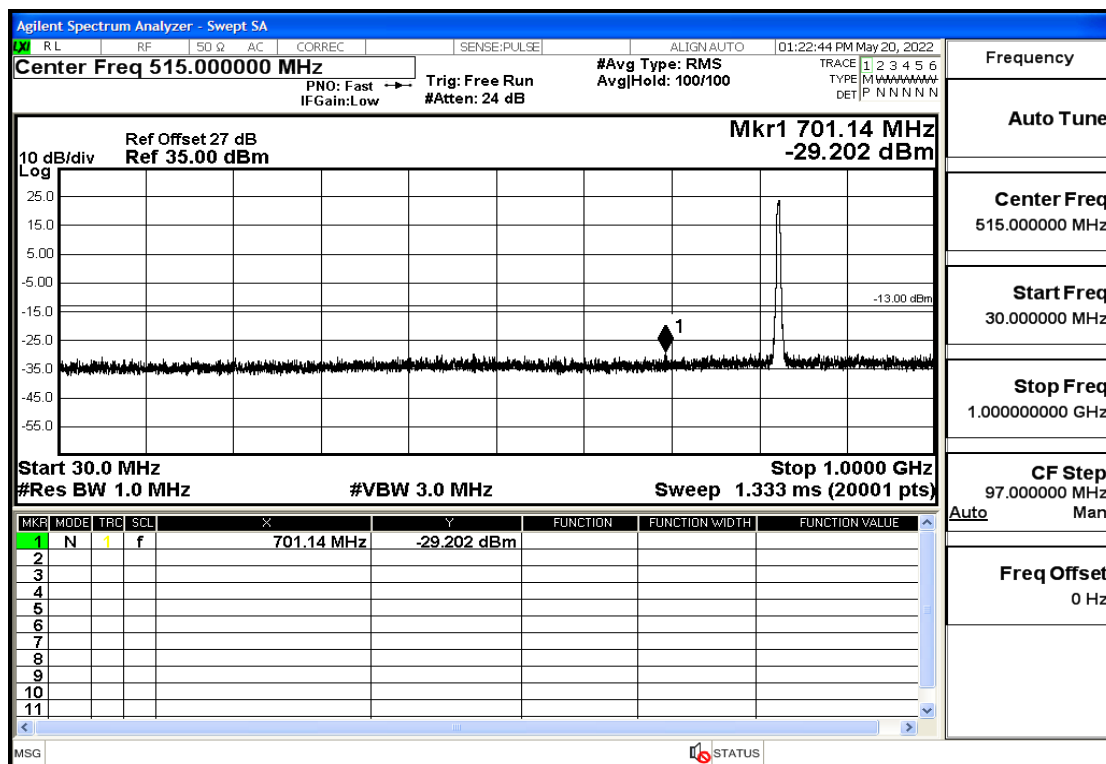
OB5-1.4-848.3-Q16-6#LOW@30mHz-1GHz@Pass



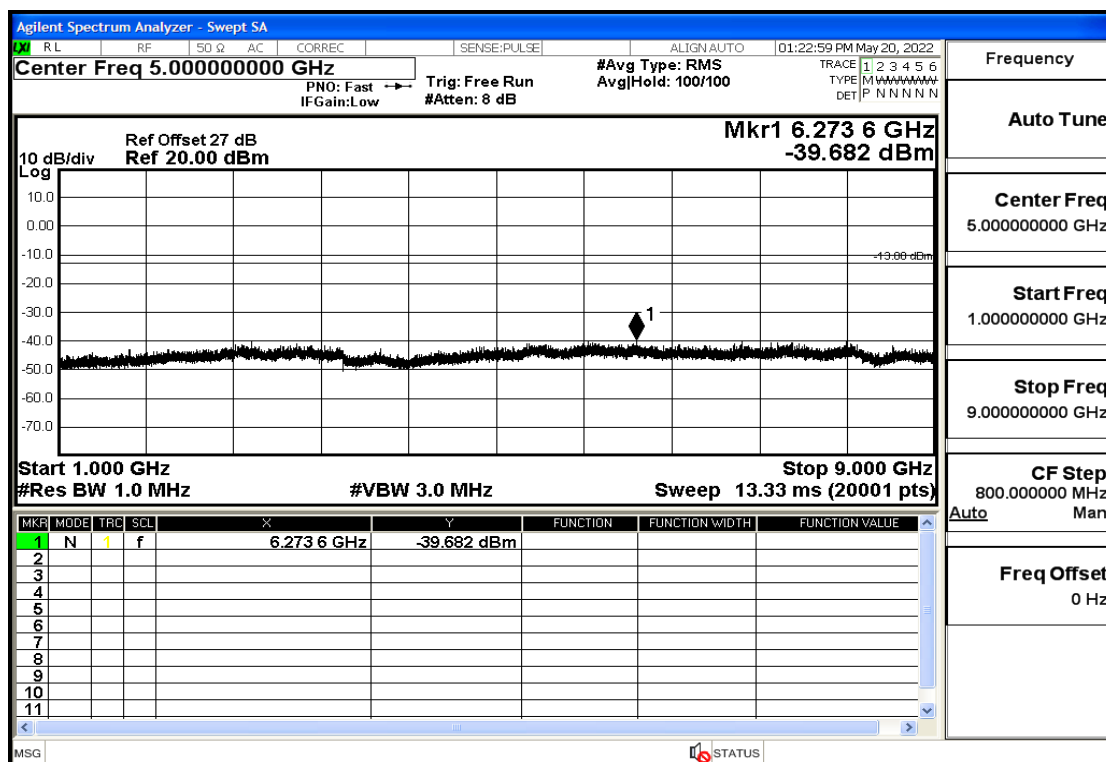
OB5-1.4-848.3-Q16-6#LOW@1GHz-9GHz@Pass



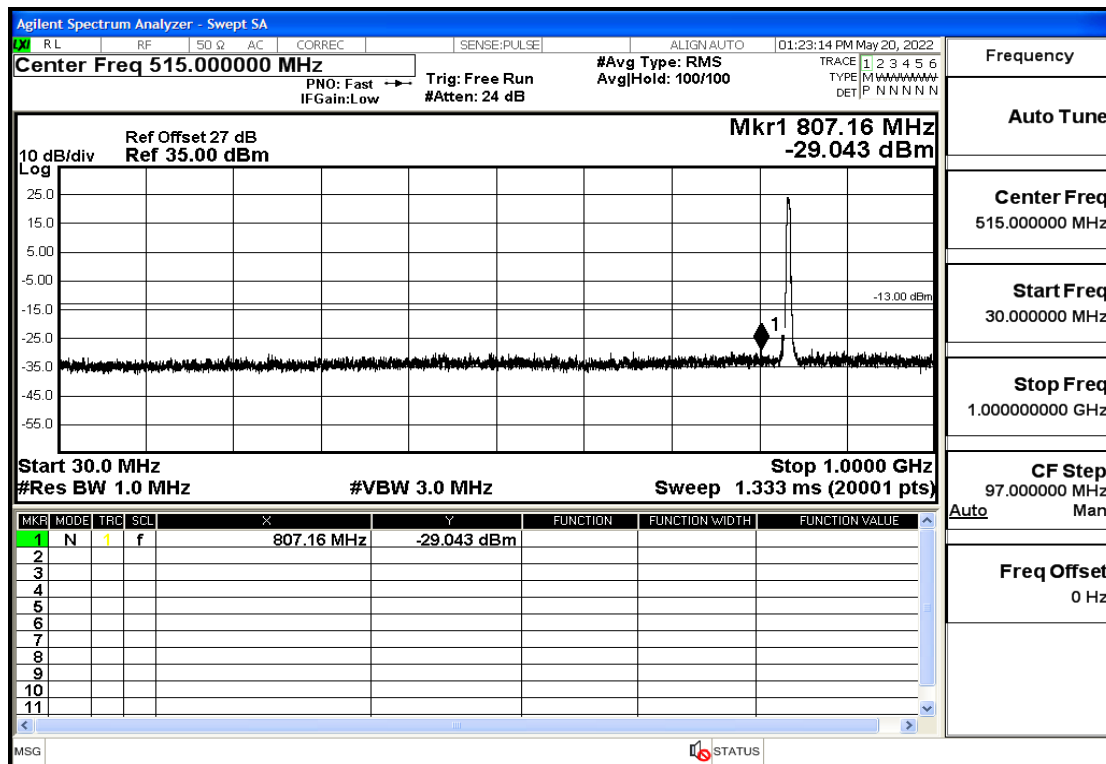
OB5-3-825.5-Q16-15#LOW@30mHz-1GHz@Pass



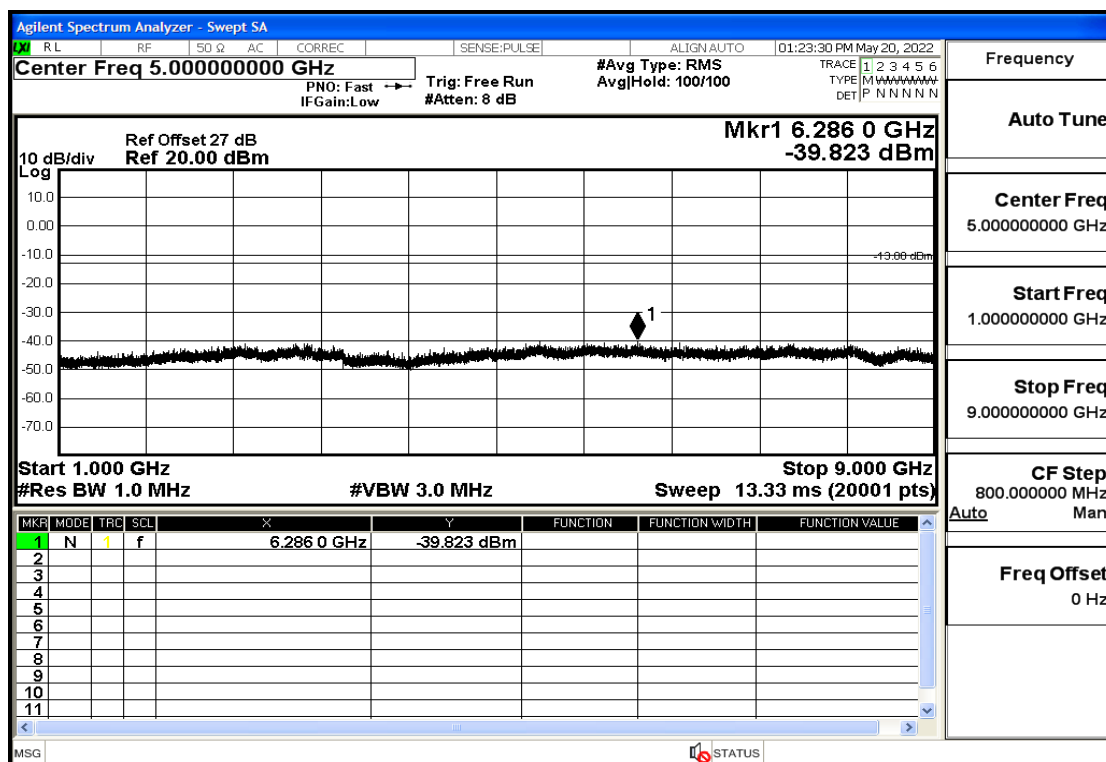
OB5-3-825.5-Q16-15#LOW@1GHz-9GHz@Pass



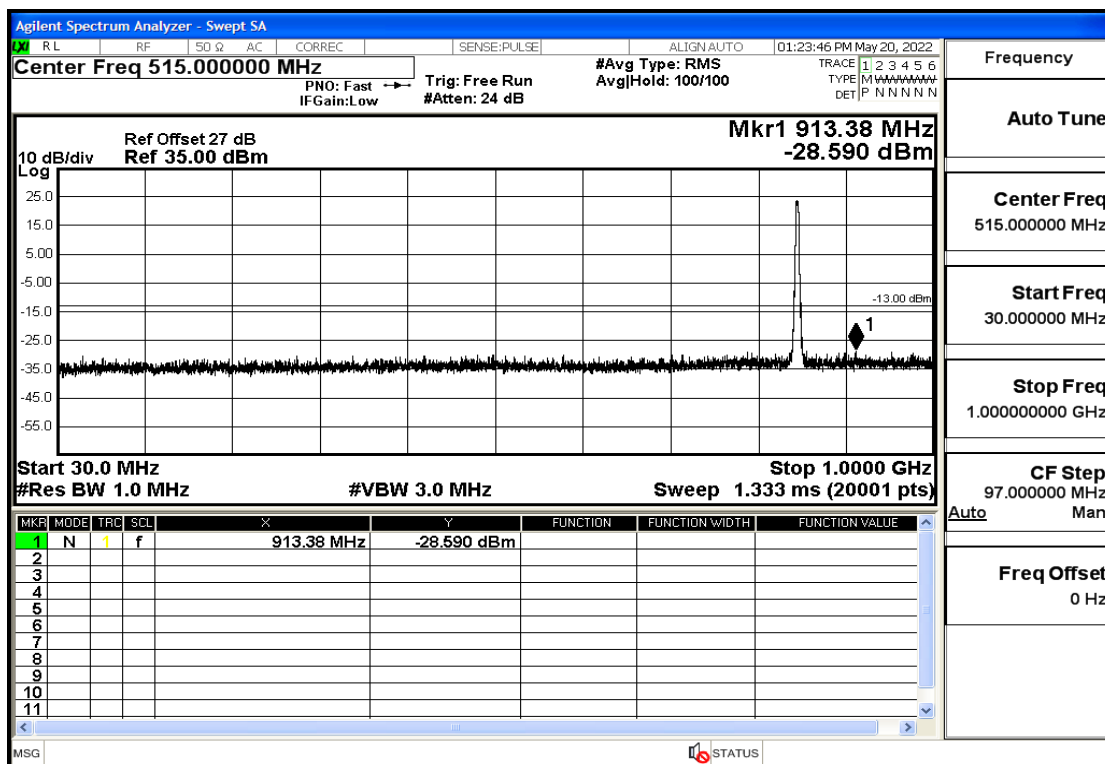
OB5-3-836.5-Q16-15#LOW@30mHz-1GHz@Pass



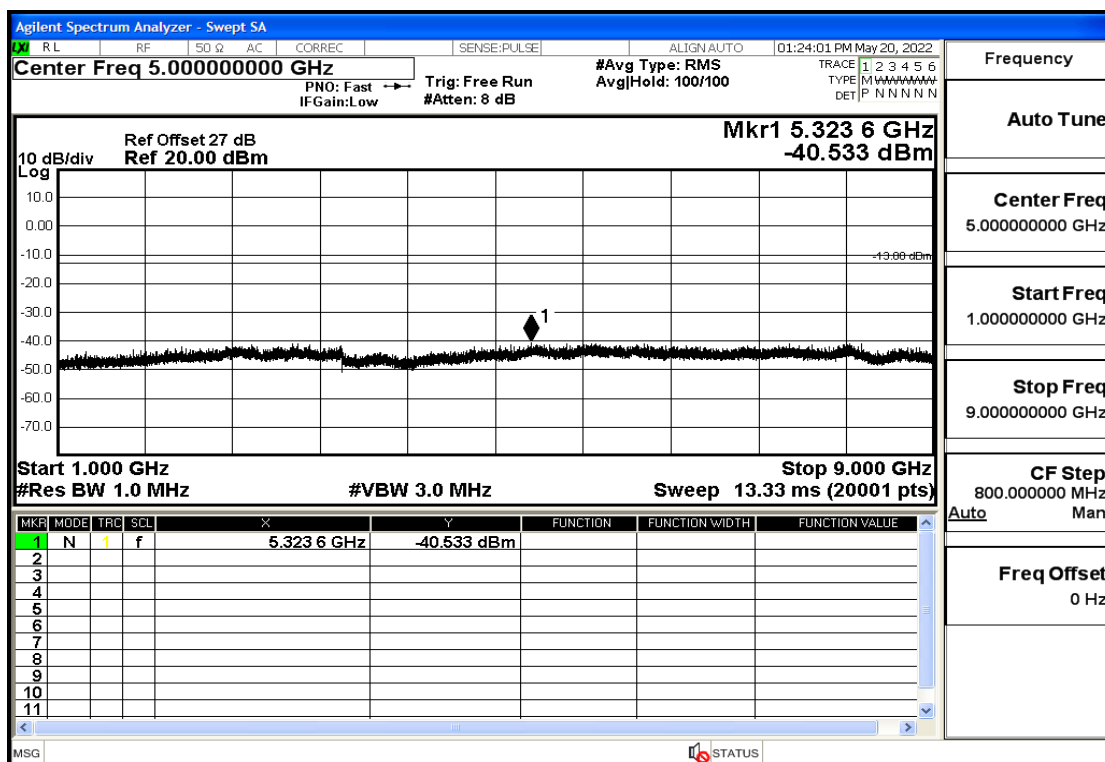
OB5-3-836.5-Q16-15#LOW@1GHz-9GHz@Pass



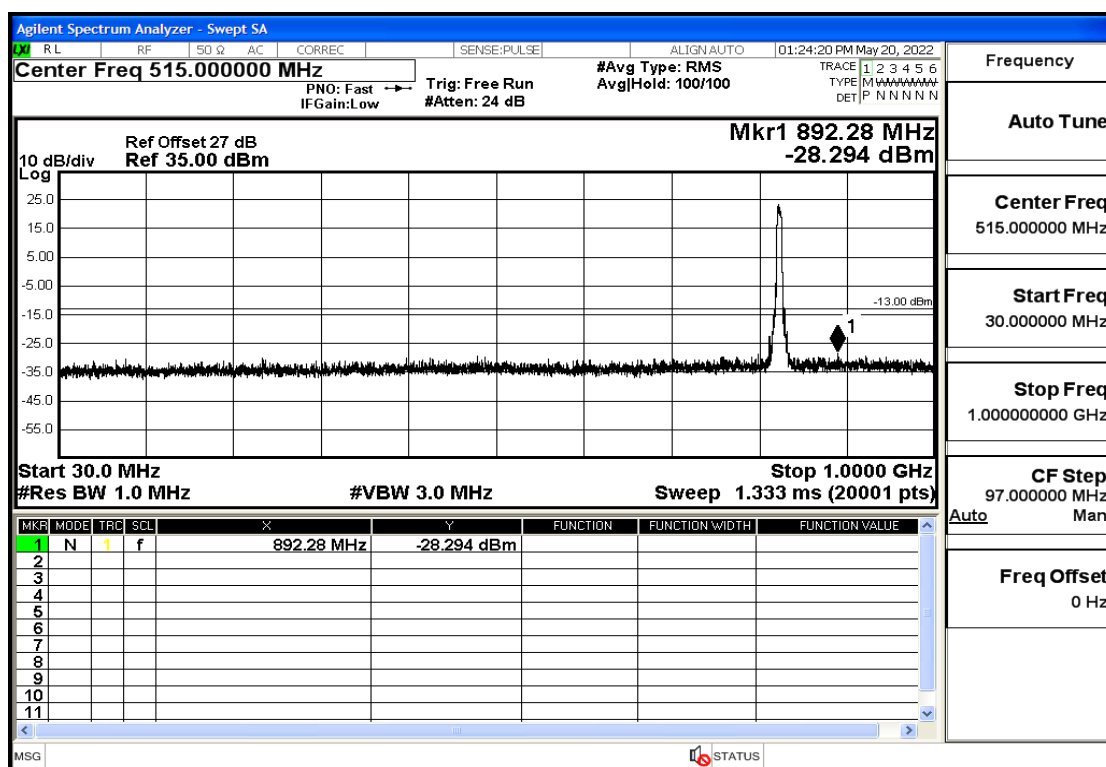
OB5-3-847.5-Q16-15#LOW@30mHz-1GHz@Pass



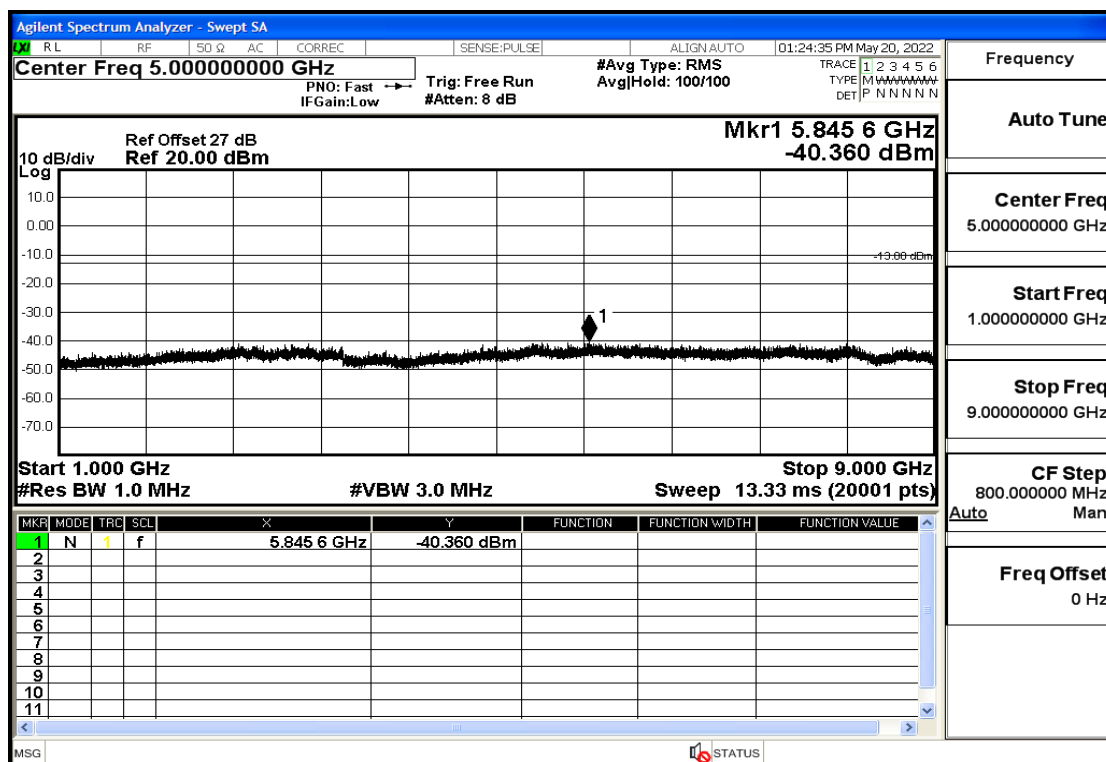
OB5-3-847.5-Q16-15#LOW@1GHz-9GHz@Pass



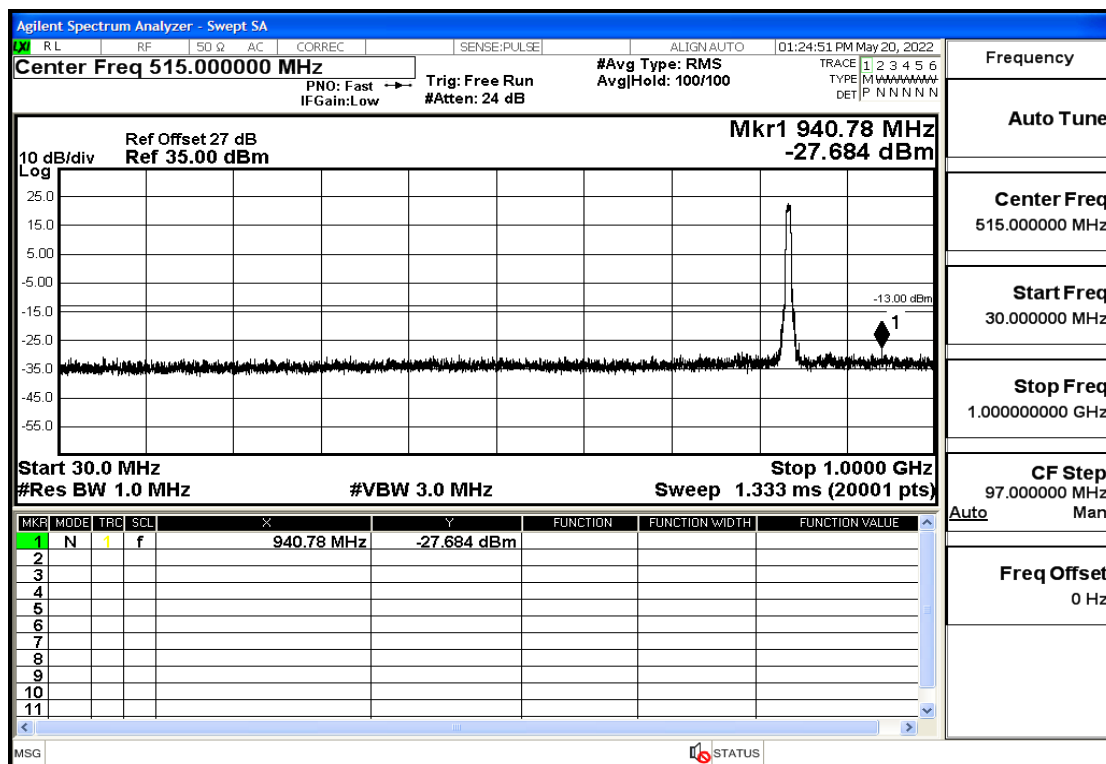
OB5-5-826.5-Q16-25#LOW@30mHz-1GHz@Pass



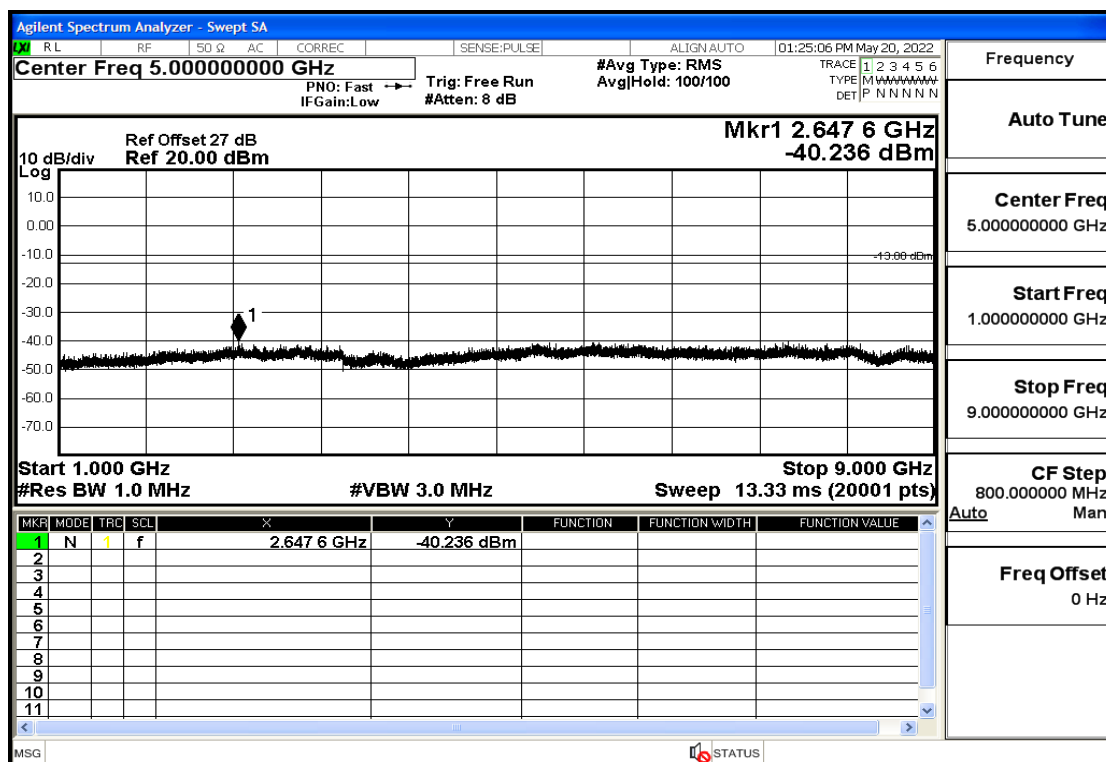
OB5-5-826.5-Q16-25#LOW@1GHz-9GHz@Pass



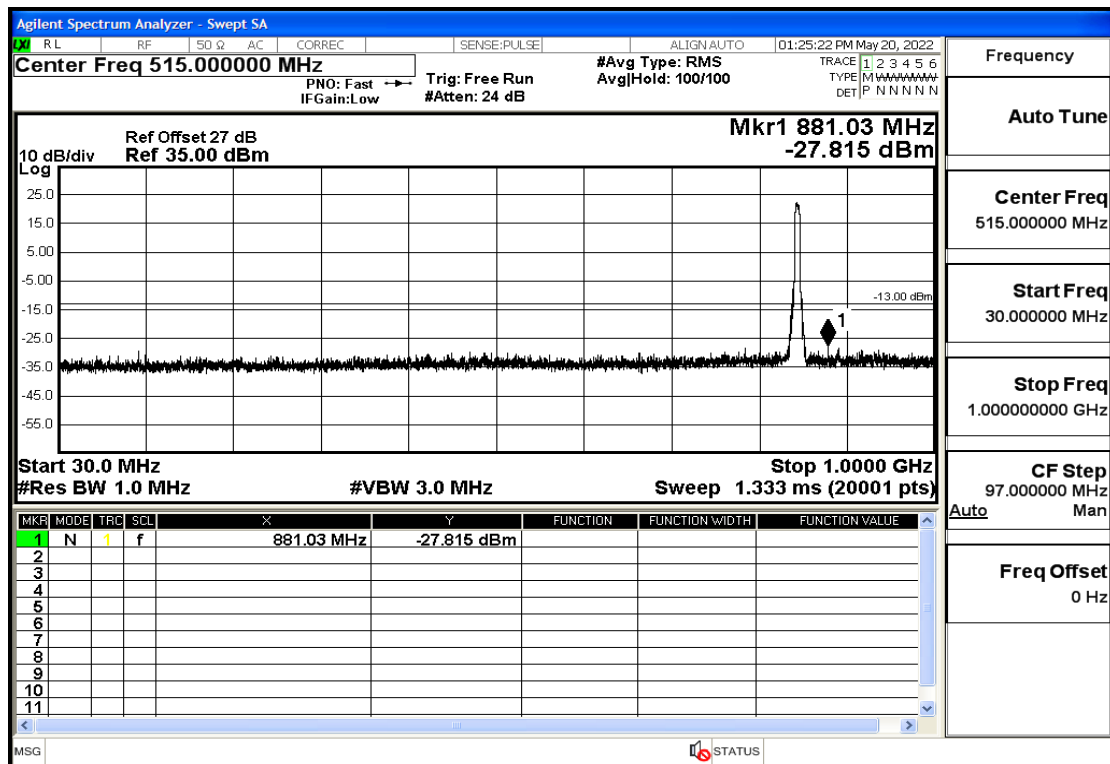
OB5-5-836.5-Q16-25#LOW@30mHz-1GHz@Pass



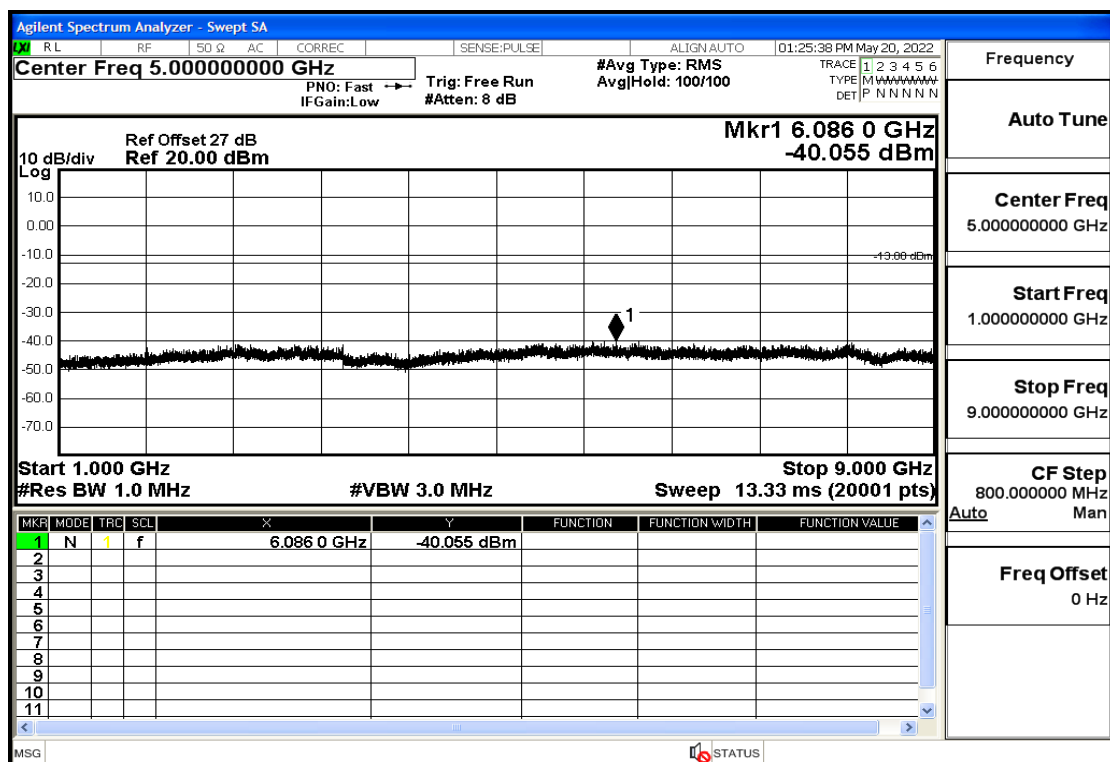
OB5-5-836.5-Q16-25#LOW@1GHz-9GHz@Pass



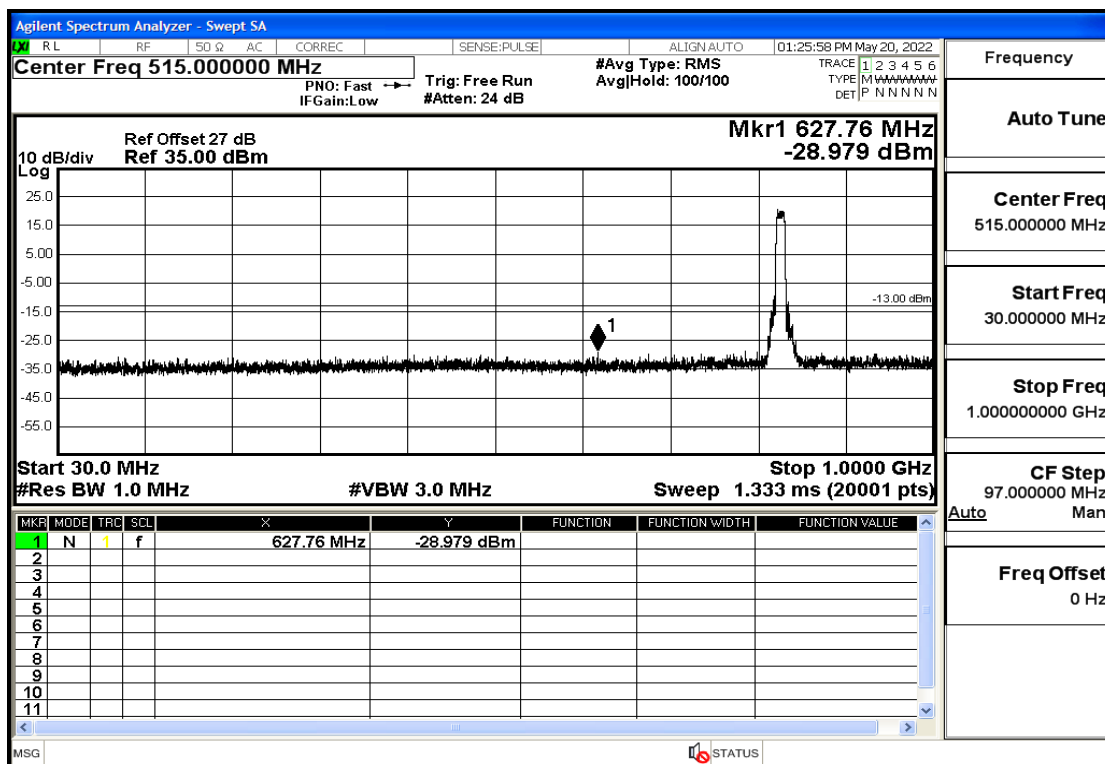
OB5-5-846.5-Q16-25#LOW@30mHz-1GHz@Pass



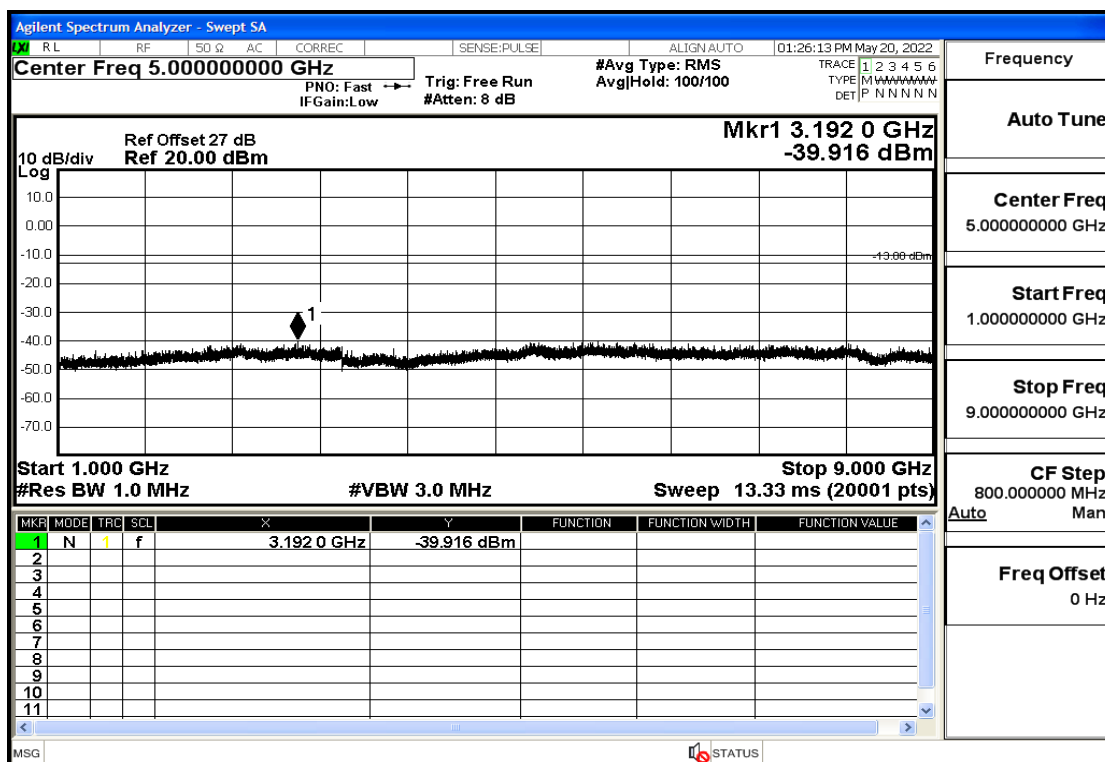
OB5-5-846.5-Q16-25#LOW@1GHz-9GHz@Pass



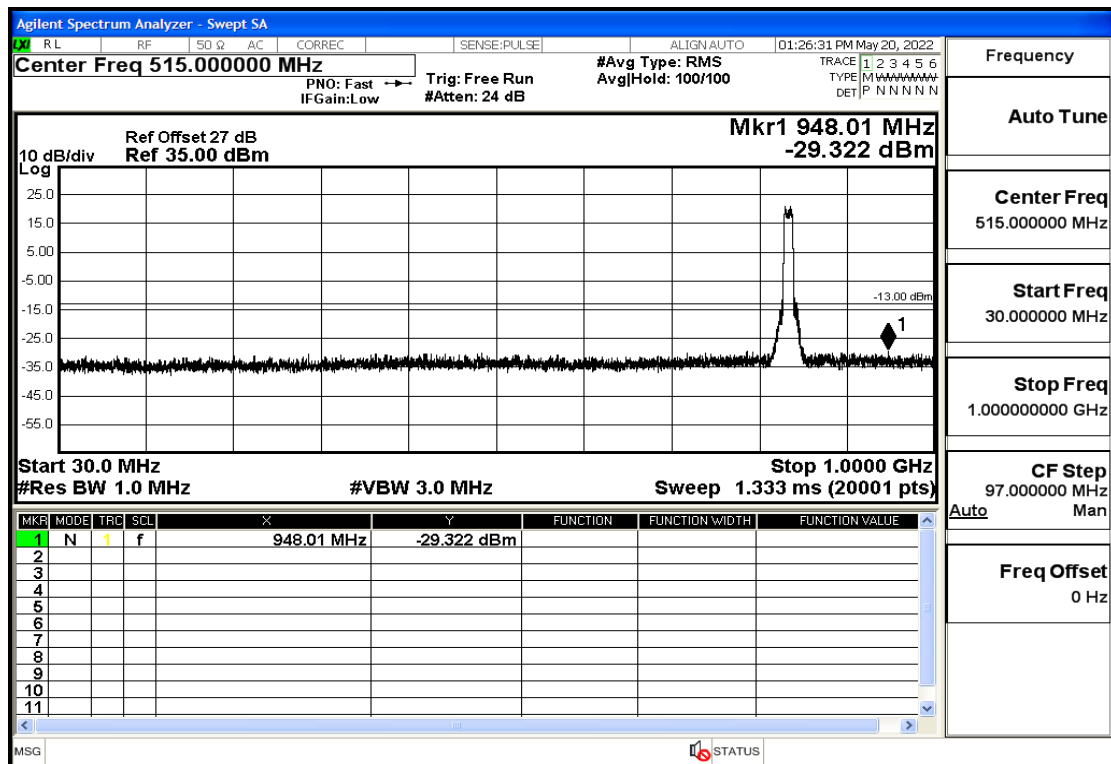
OB5-10-829-Q16-50#LOW@30mHz-1GHz@Pass



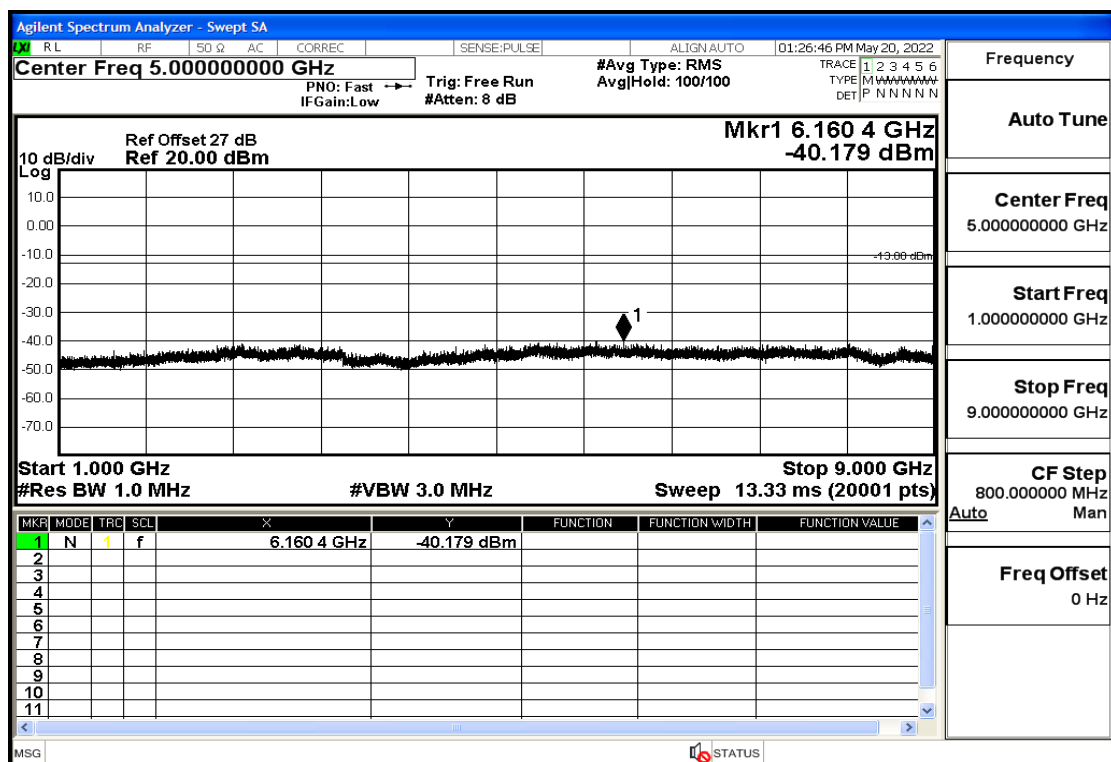
OB5-10-829-Q16-50#LOW@1GHz-9GHz@Pass



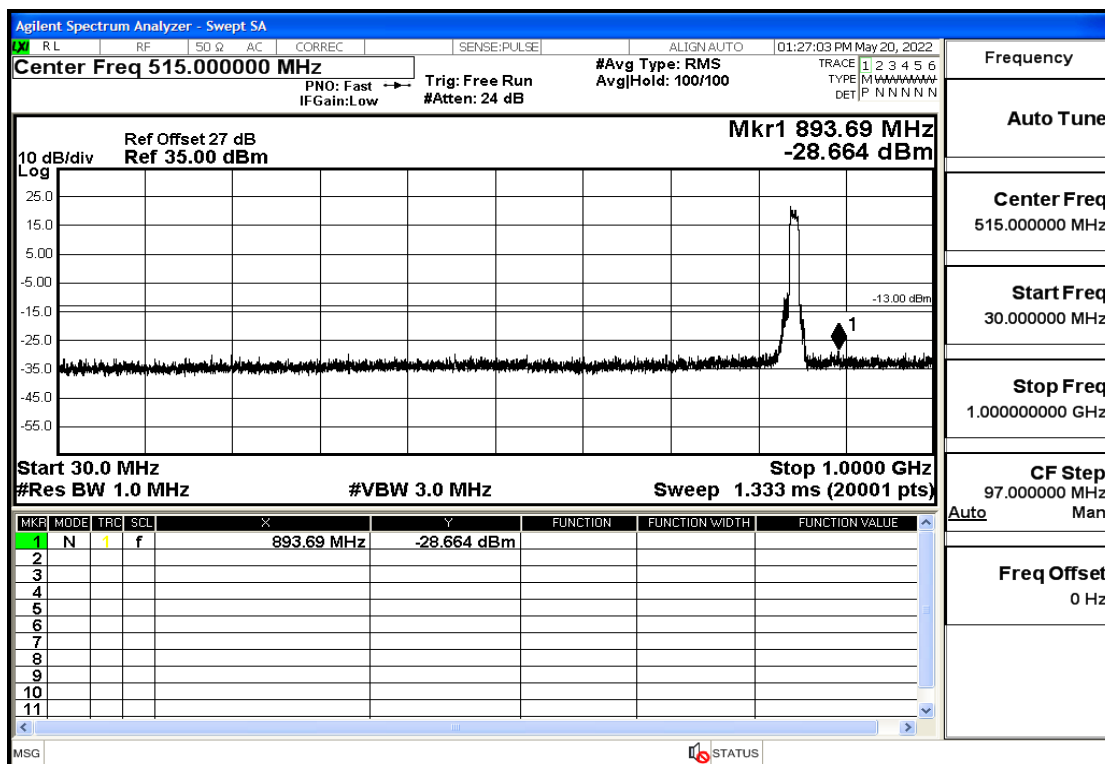
OB5-10-836.5-Q16-50#LOW@30mHz-1GHz@Pass



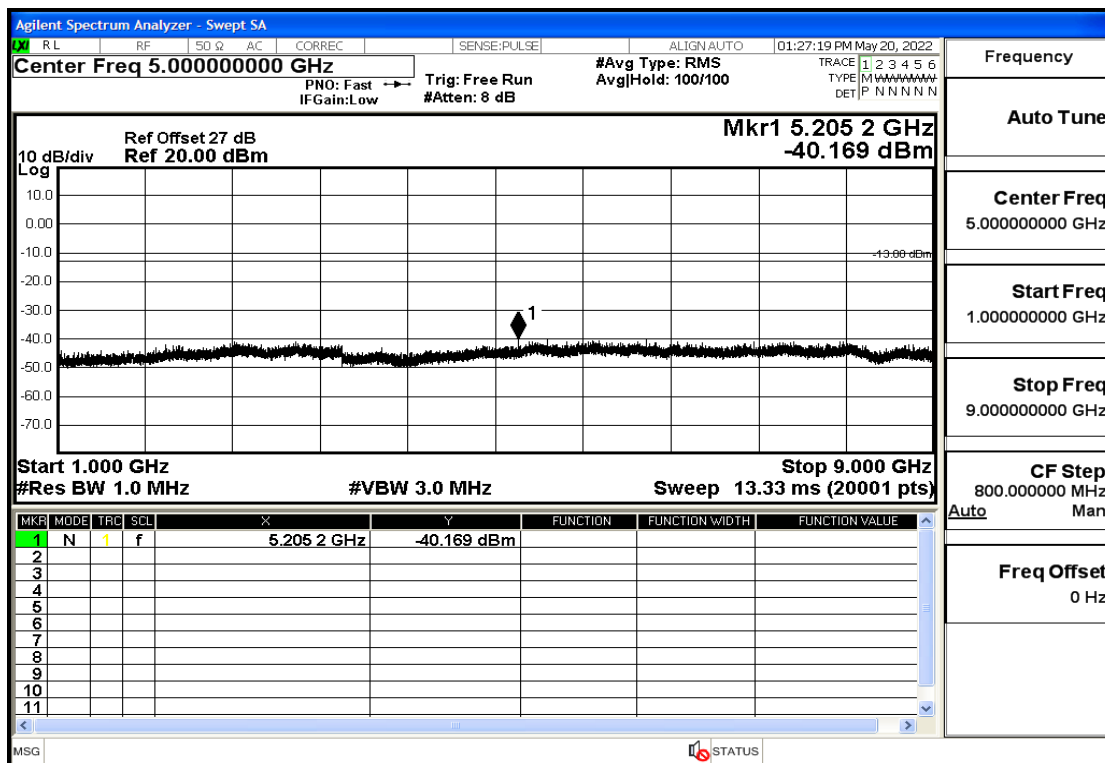
OB5-10-836.5-Q16-50#LOW@1GHz-9GHz@Pass



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



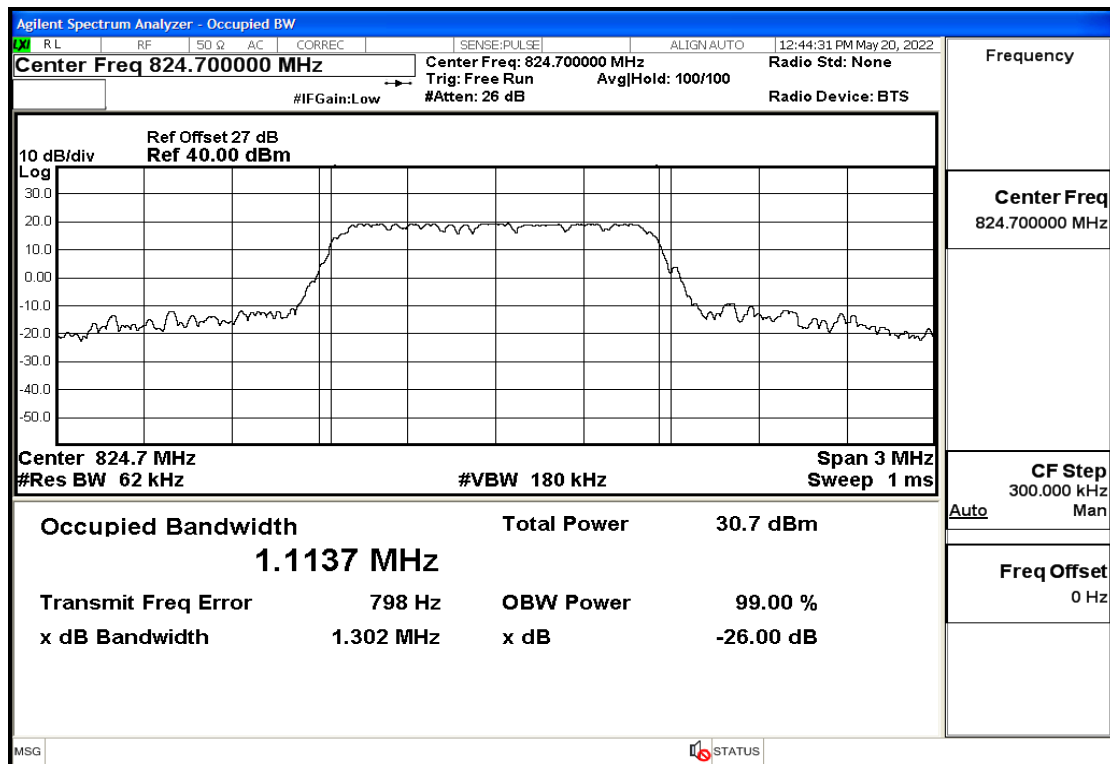
OB5-10-844-Q16-50#LOW@1GHz-9GHz@Pass



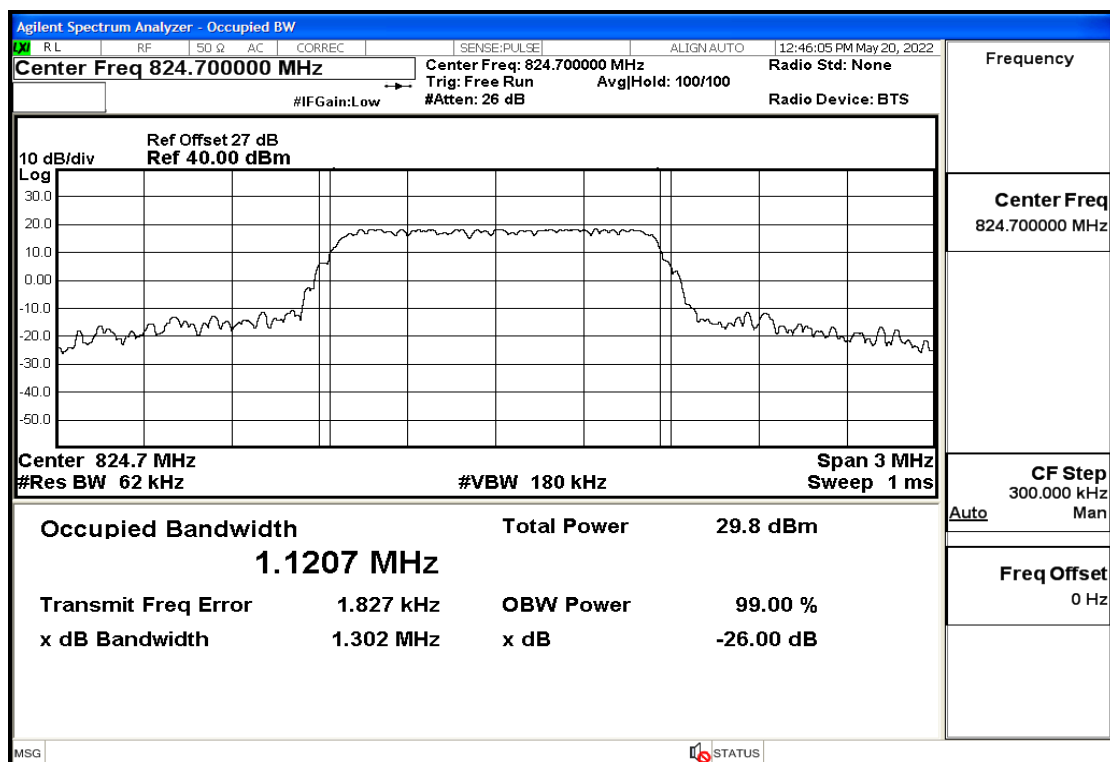
Emission bandwidth and OBW

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	1113.7	1302	No limit
Band5	1.4	824.7	16QAM	6	LOW	1120.7	1302	No limit
Band5	1.4	836.5	QPSK	6	LOW	1109.2	1306	No limit
Band5	1.4	836.5	16QAM	6	LOW	1121.8	1310	No limit
Band5	1.4	848.3	QPSK	6	LOW	1122.5	1304	No limit
Band5	1.4	848.3	16QAM	6	LOW	1109.5	1317	No limit
Band5	3	825.5	QPSK	15	LOW	2750.7	3034	No limit
Band5	3	825.5	16QAM	15	LOW	2750.1	2999	No limit
Band5	3	836.5	QPSK	15	LOW	2749	3025	No limit
Band5	3	836.5	16QAM	15	LOW	2749.6	3025	No limit
Band5	3	847.5	QPSK	15	LOW	2753.5	3027	No limit
Band5	3	847.5	16QAM	15	LOW	2745.1	3027	No limit
Band5	5	826.5	QPSK	25	LOW	4593.8	5225	No limit
Band5	5	826.5	16QAM	25	LOW	4587.9	5052	No limit
Band5	5	836.5	QPSK	25	LOW	4597	5210	No limit
Band5	5	836.5	16QAM	25	LOW	4579.7	5175	No limit
Band5	5	846.5	QPSK	25	LOW	4590.1	5081	No limit
Band5	5	846.5	16QAM	25	LOW	4593.9	5096	No limit
Band5	10	829	QPSK	50	LOW	9145.2	10060	No limit
Band5	10	829	16QAM	50	LOW	9095.5	10150	No limit
Band5	10	836.5	QPSK	50	LOW	9094.7	9873	No limit
Band5	10	836.5	16QAM	50	LOW	9114.5	10110	No limit
Band5	10	844	QPSK	50	LOW	9127.6	10100	No limit
Band5	10	844	16QAM	50	LOW	9107.6	10120	No limit

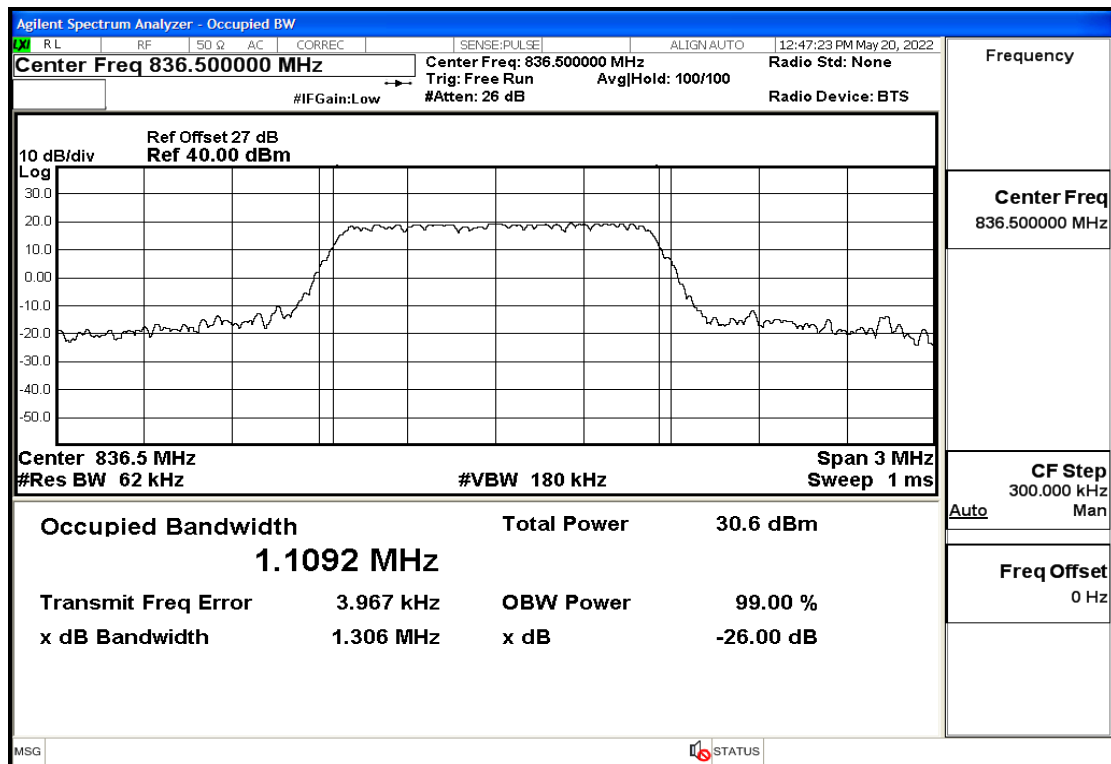
Band5-1.4-824.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



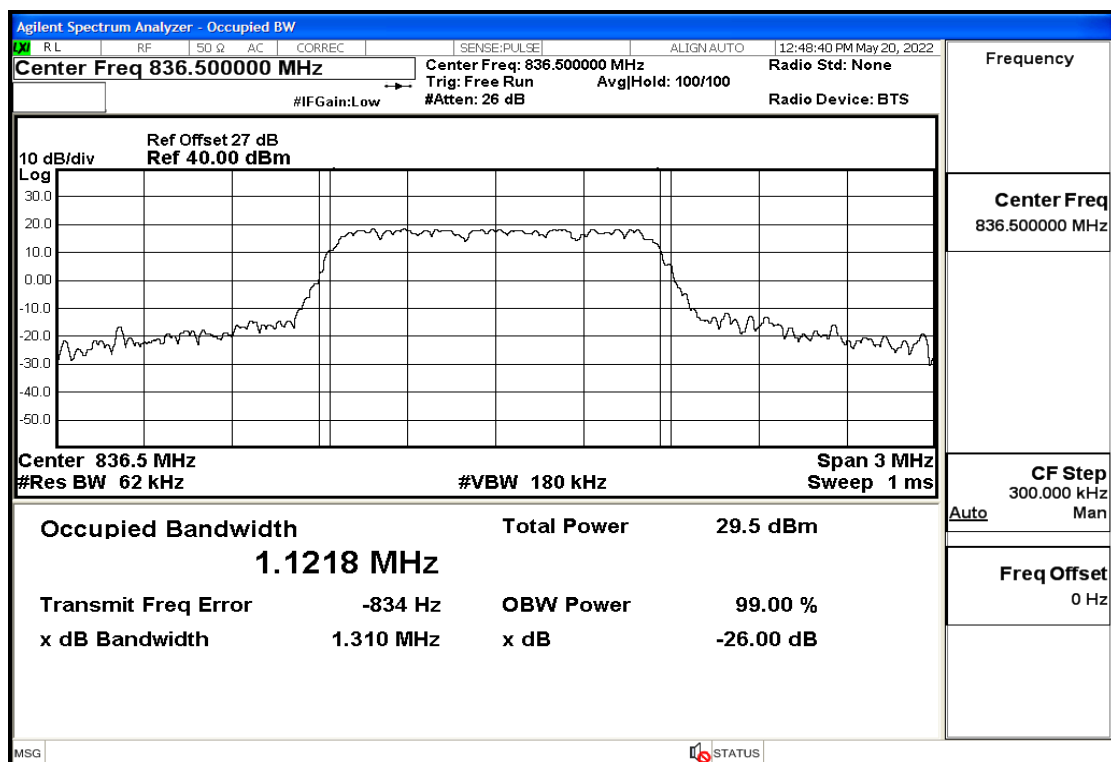
Band5-1.4-824.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



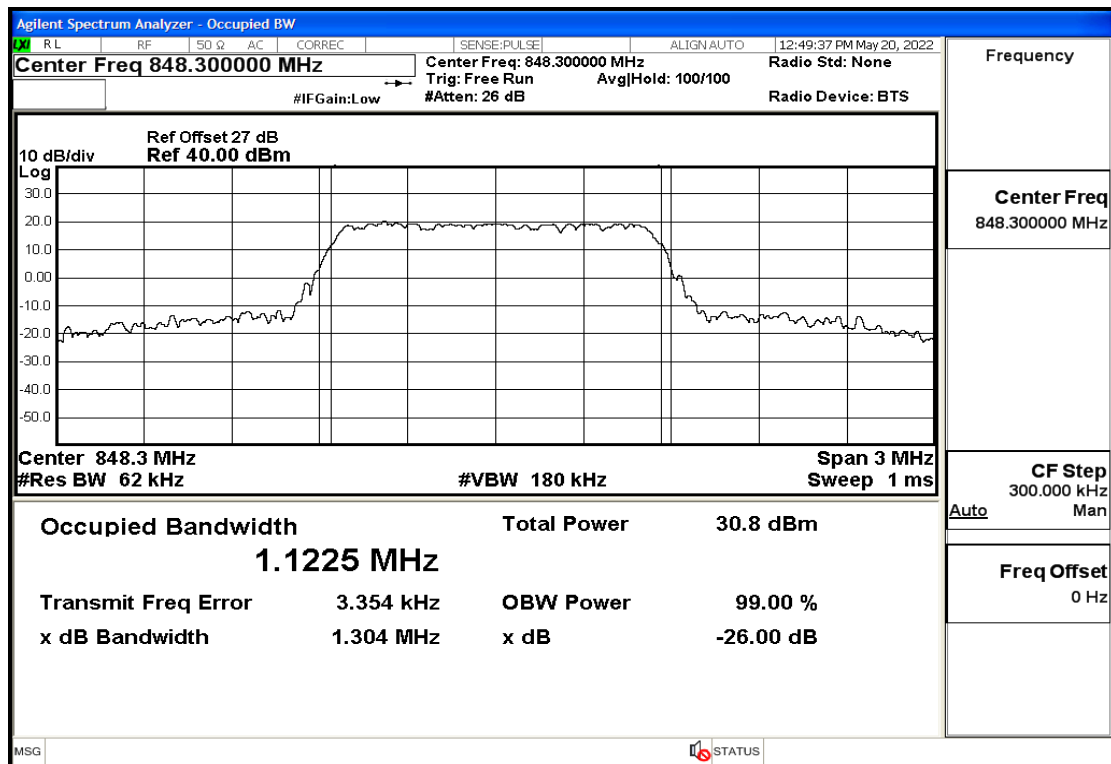
Band5-1.4-836.5-QPSK-6#LOW@26dB and 99PCT Bandwidth



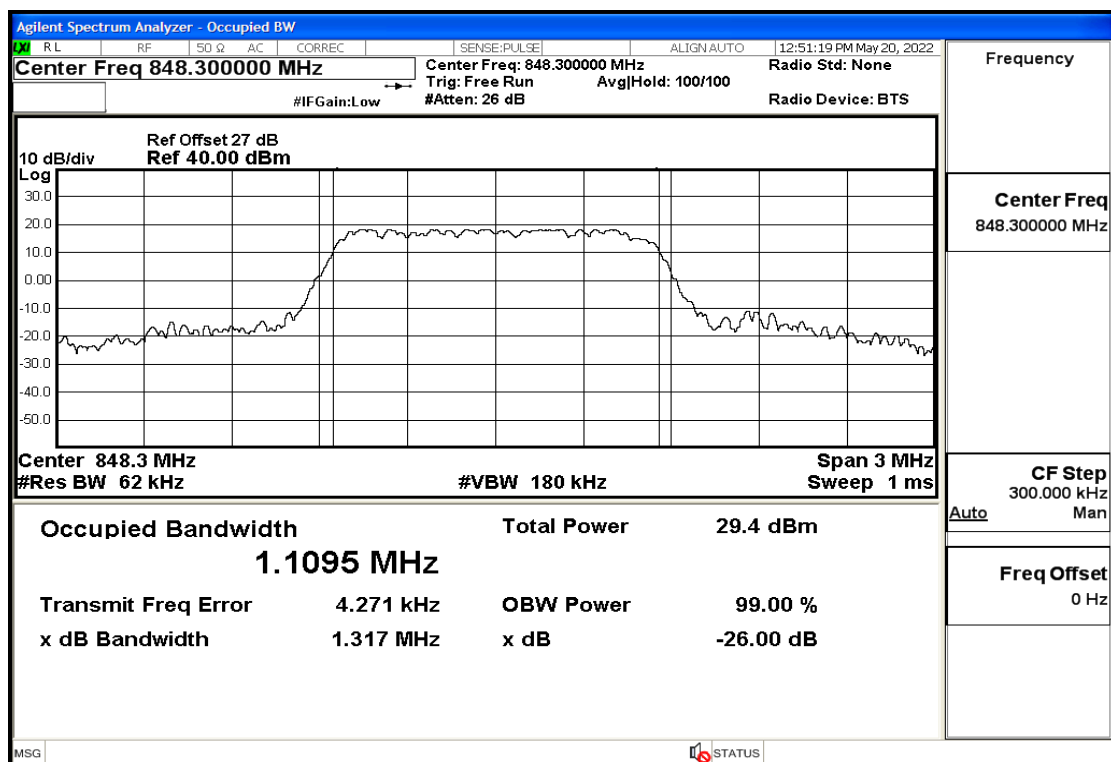
Band5-1.4-836.5-16QAM-6#LOW@26dB and 99PCT Bandwidth



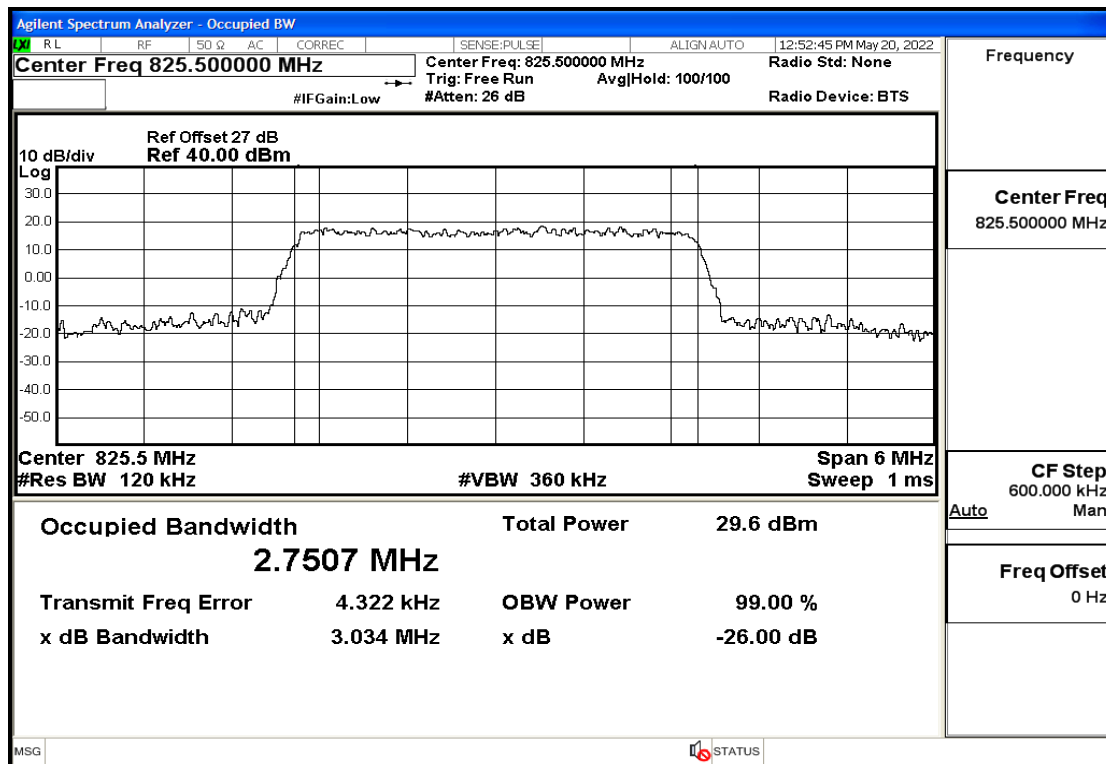
Band5-1.4-848.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



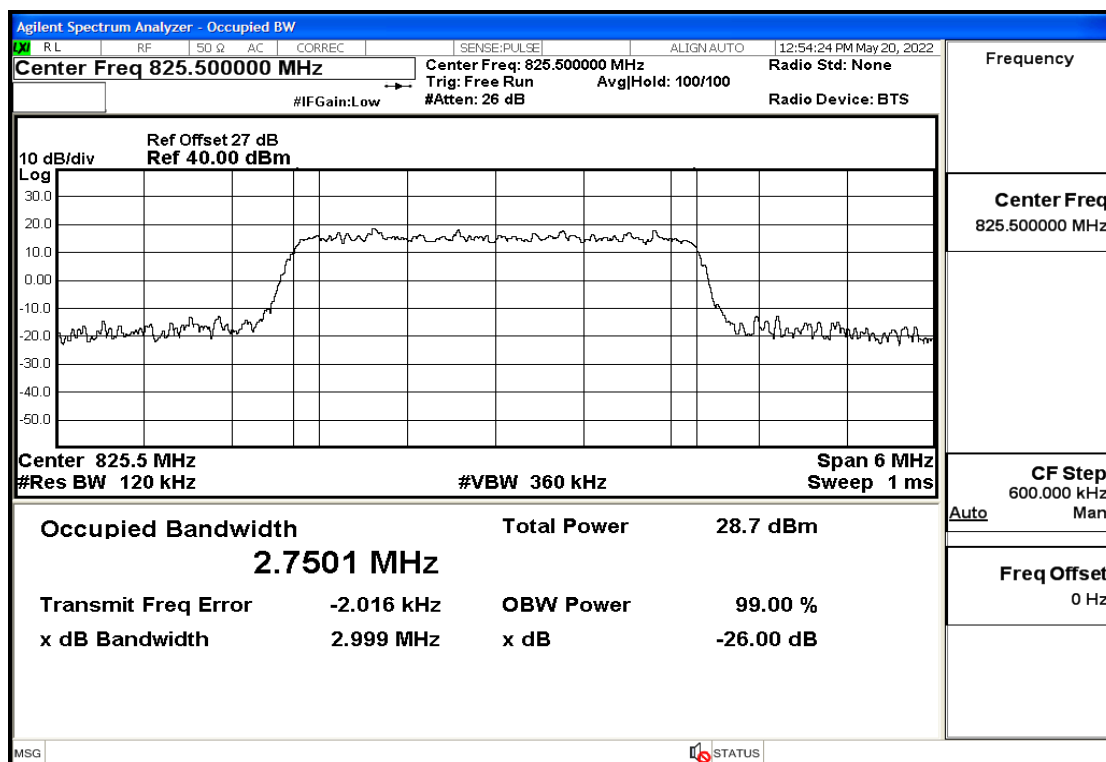
Band5-1.4-848.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



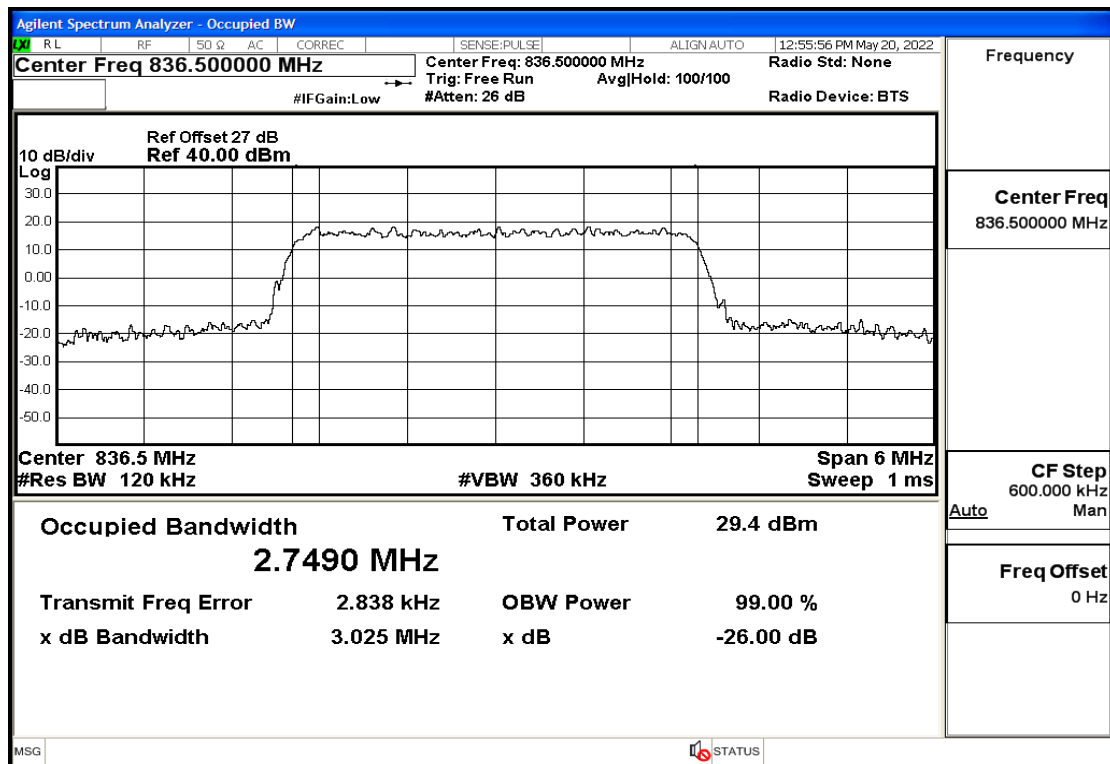
Band5-3-825.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



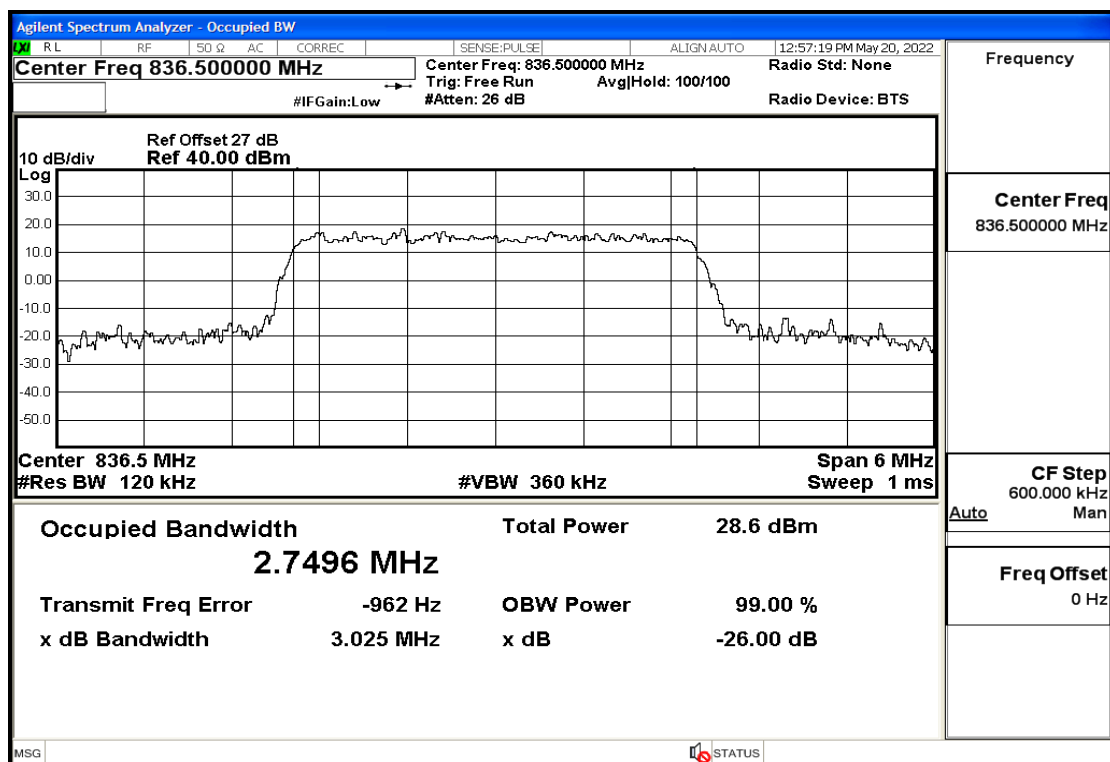
Band5-3-825.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



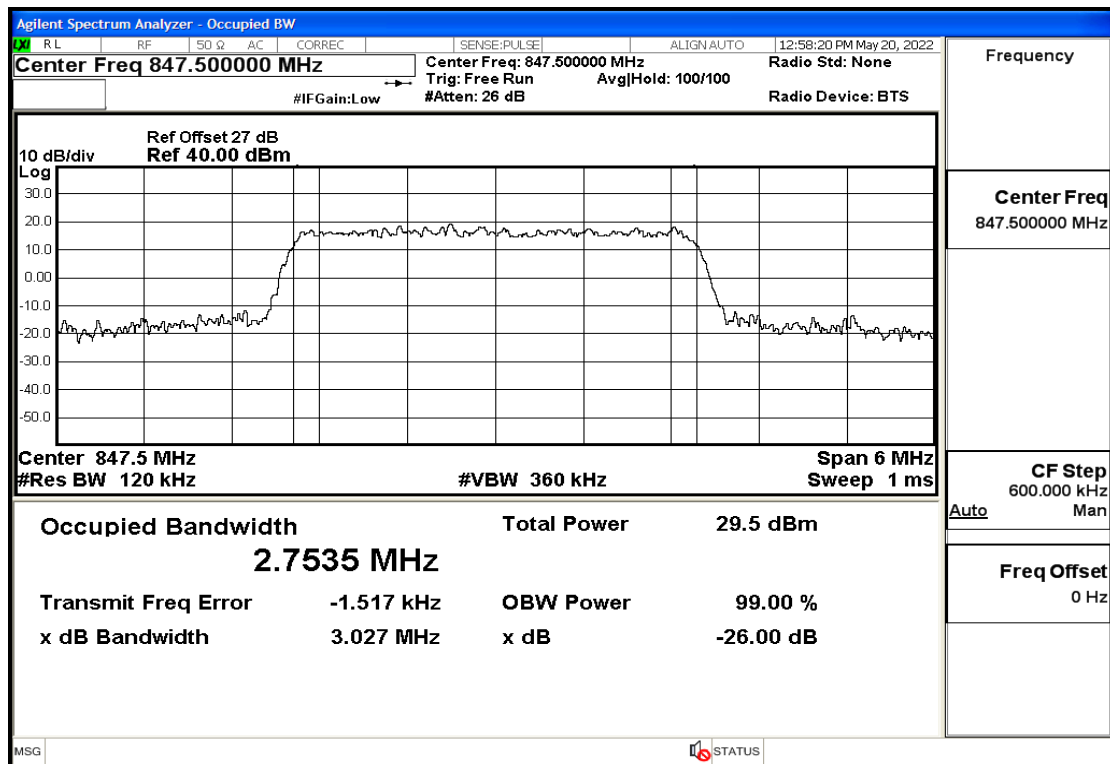
Band5-3-836.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



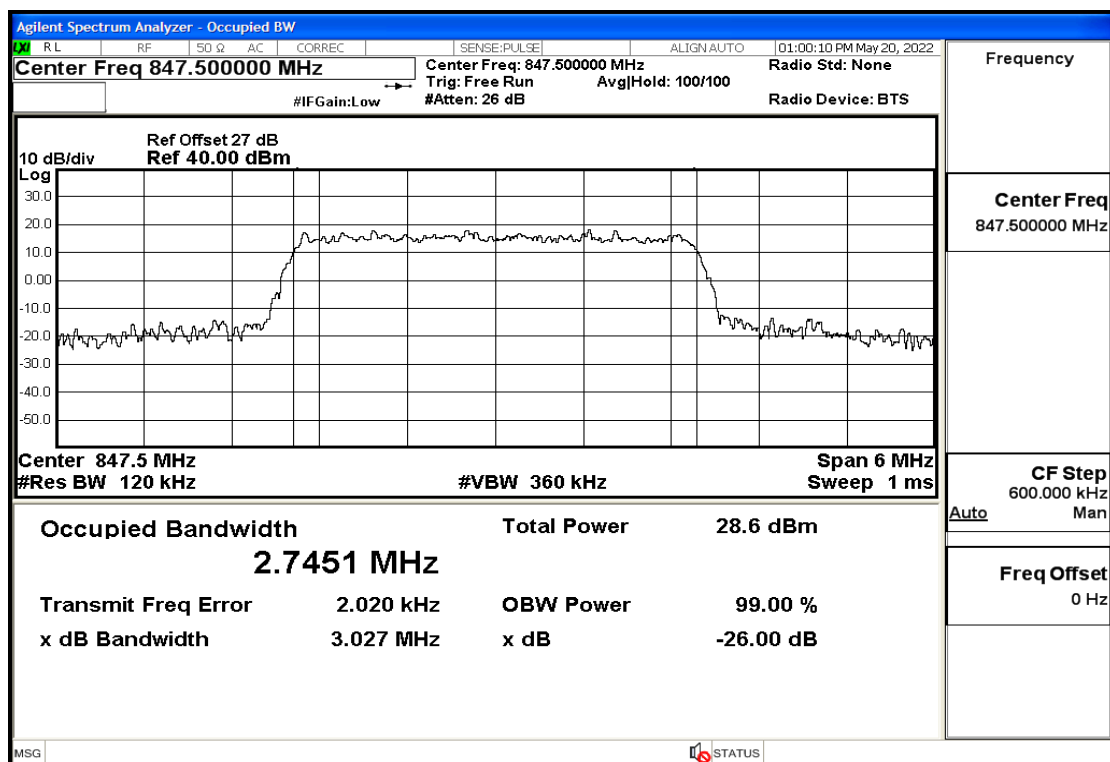
Band5-3-836.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



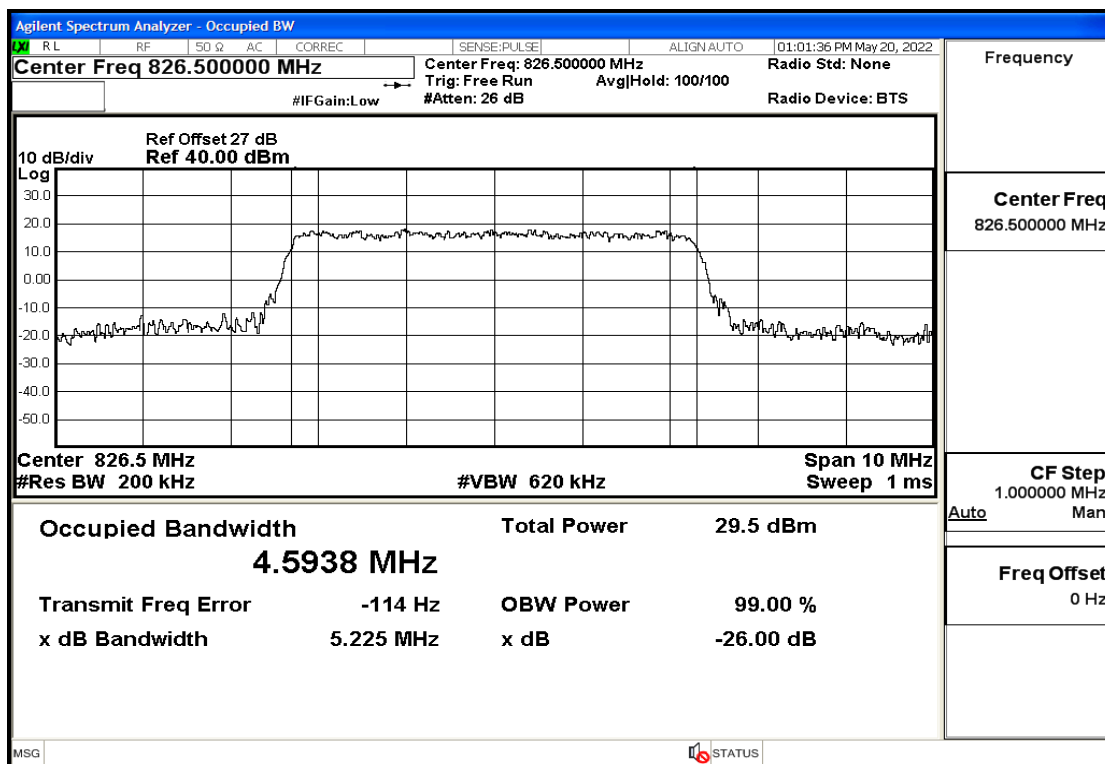
Band5-3-847.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



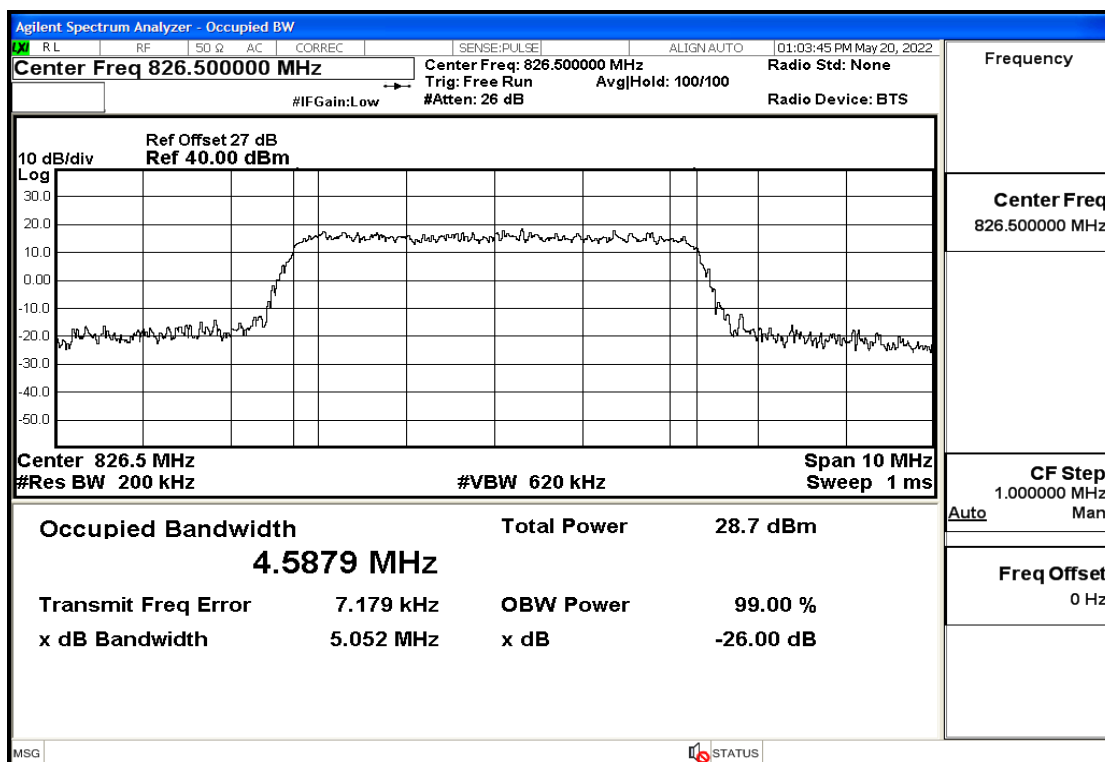
Band5-3-847.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



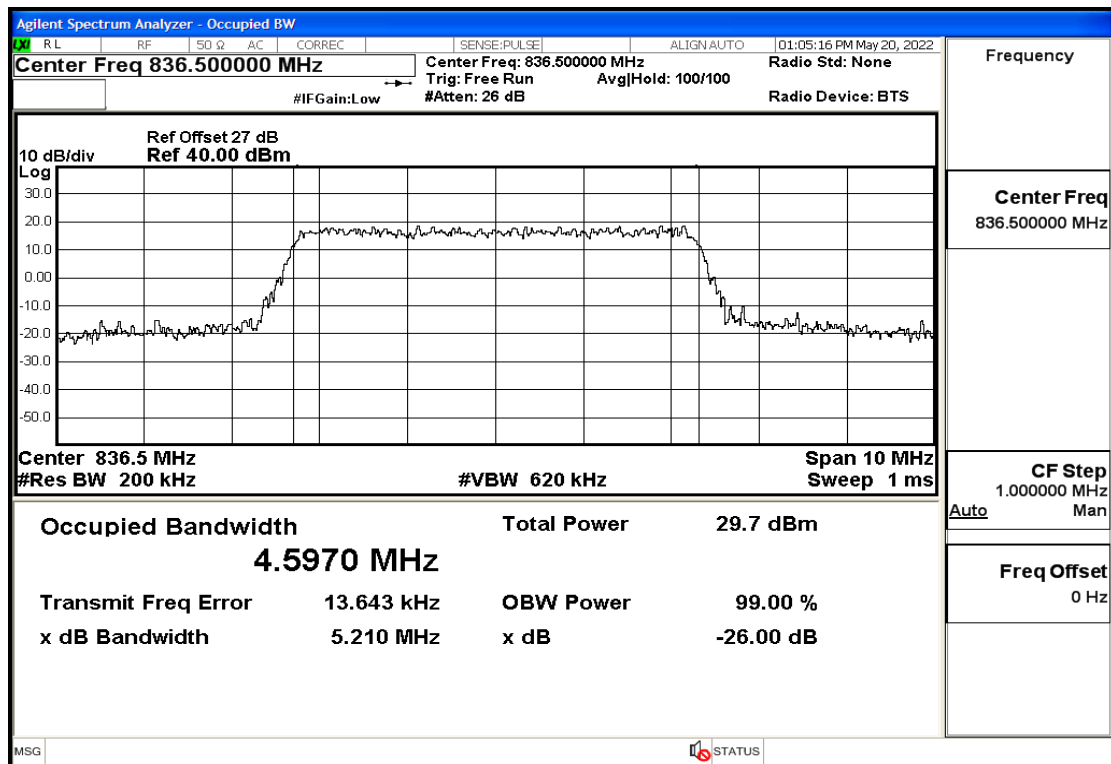
Band5-5-826.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



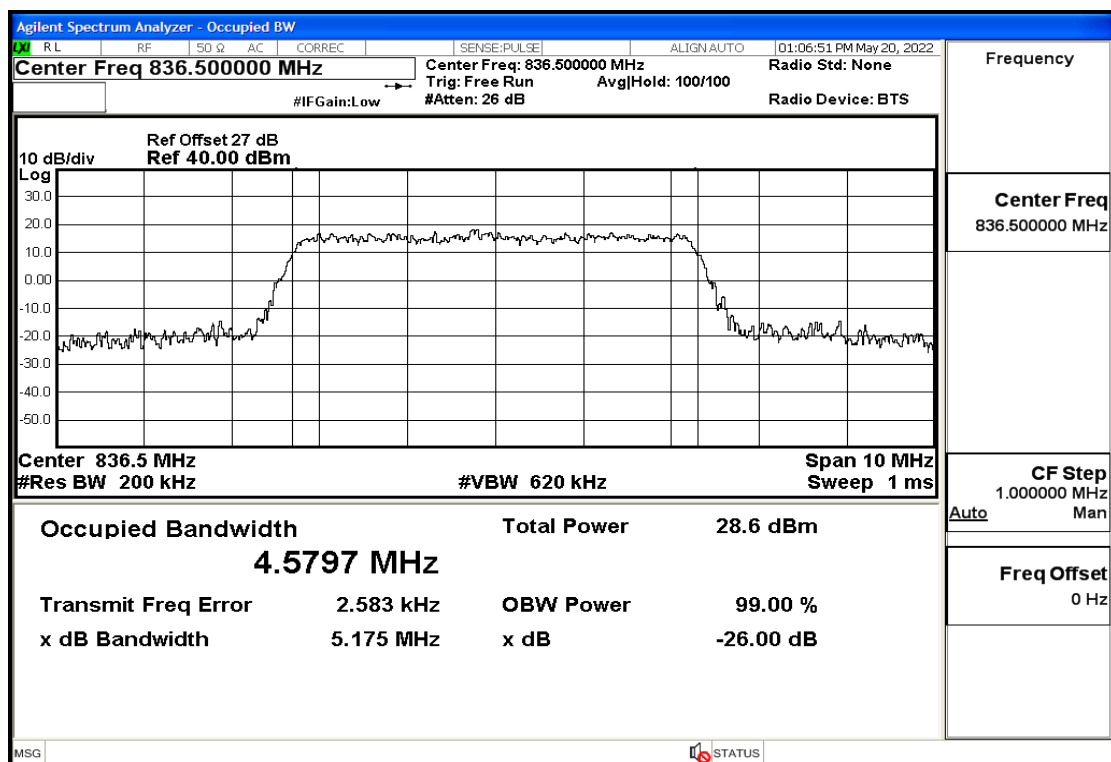
Band5-5-826.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



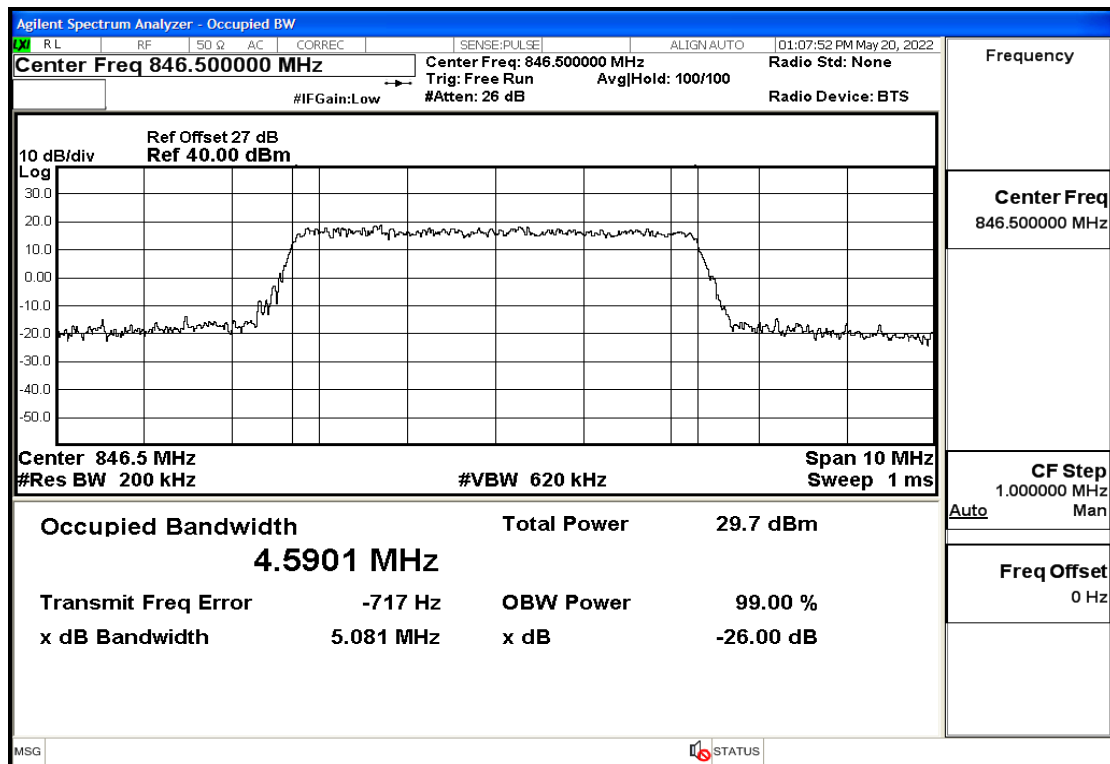
Band5-5-836.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



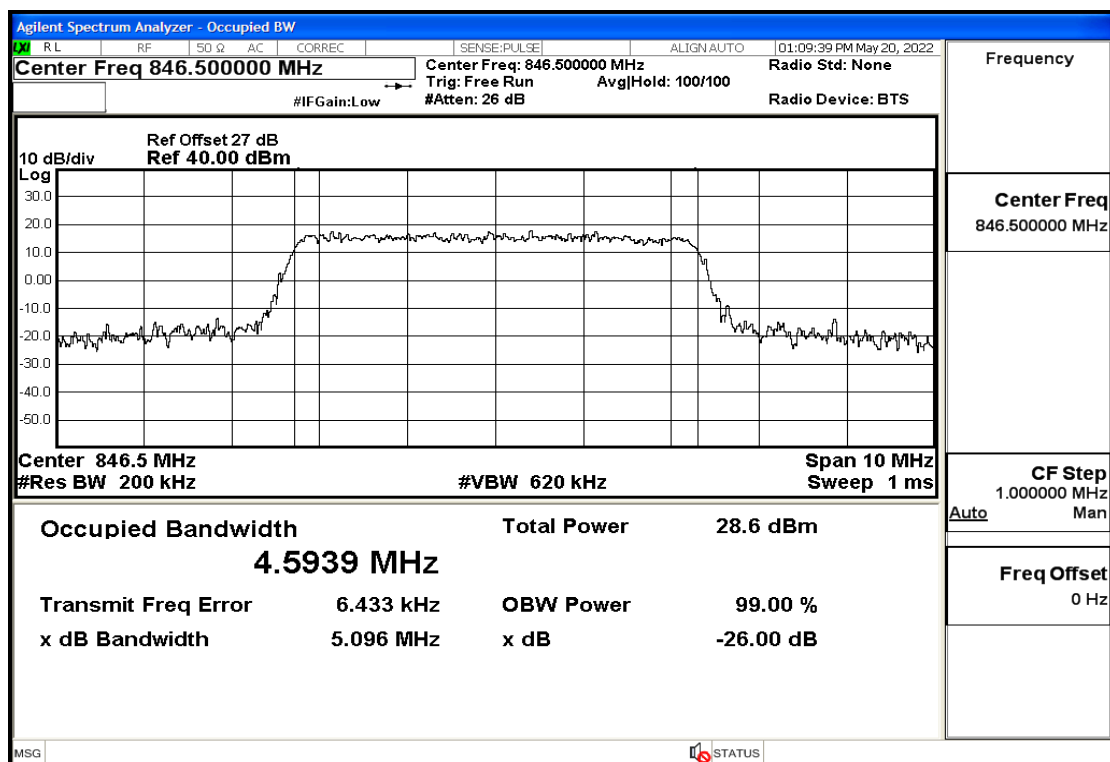
Band5-5-836.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



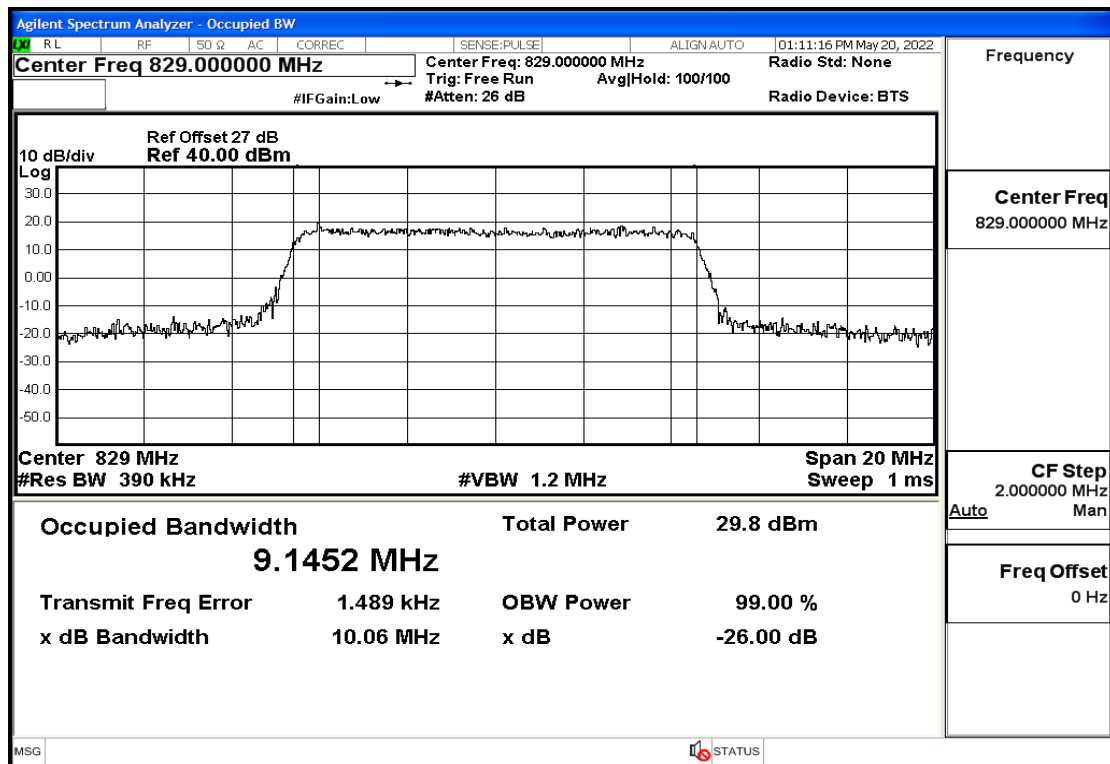
Band5-5-846.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



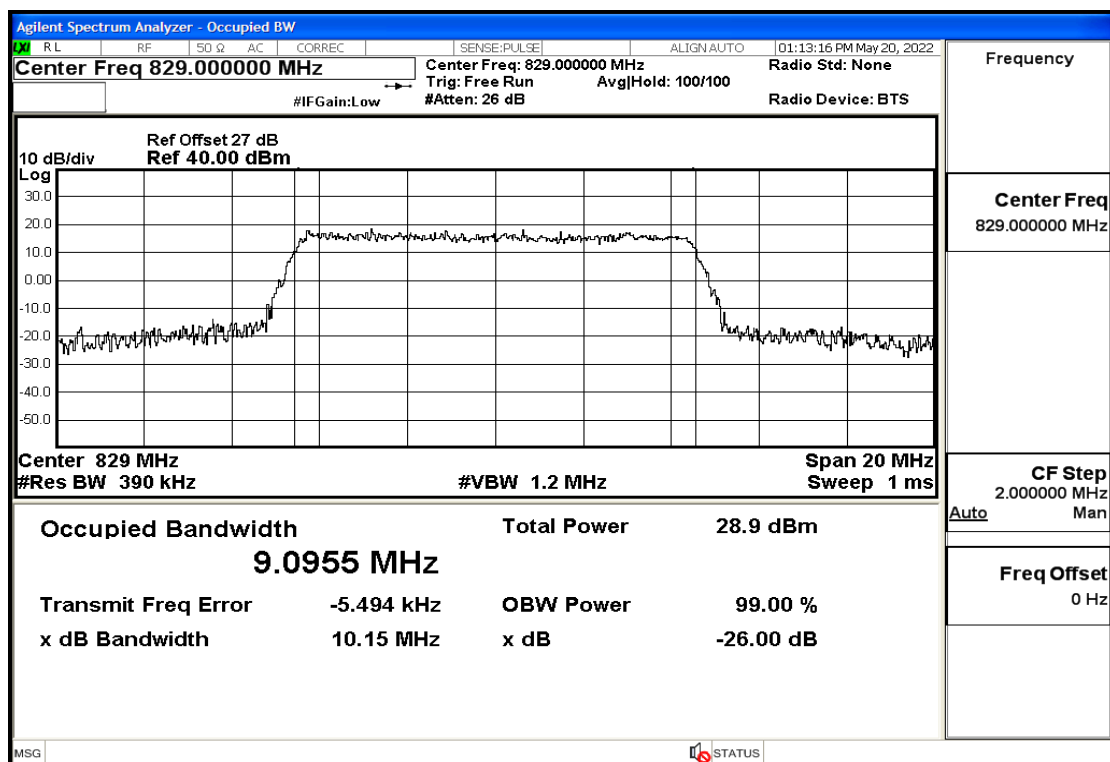
Band5-5-846.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



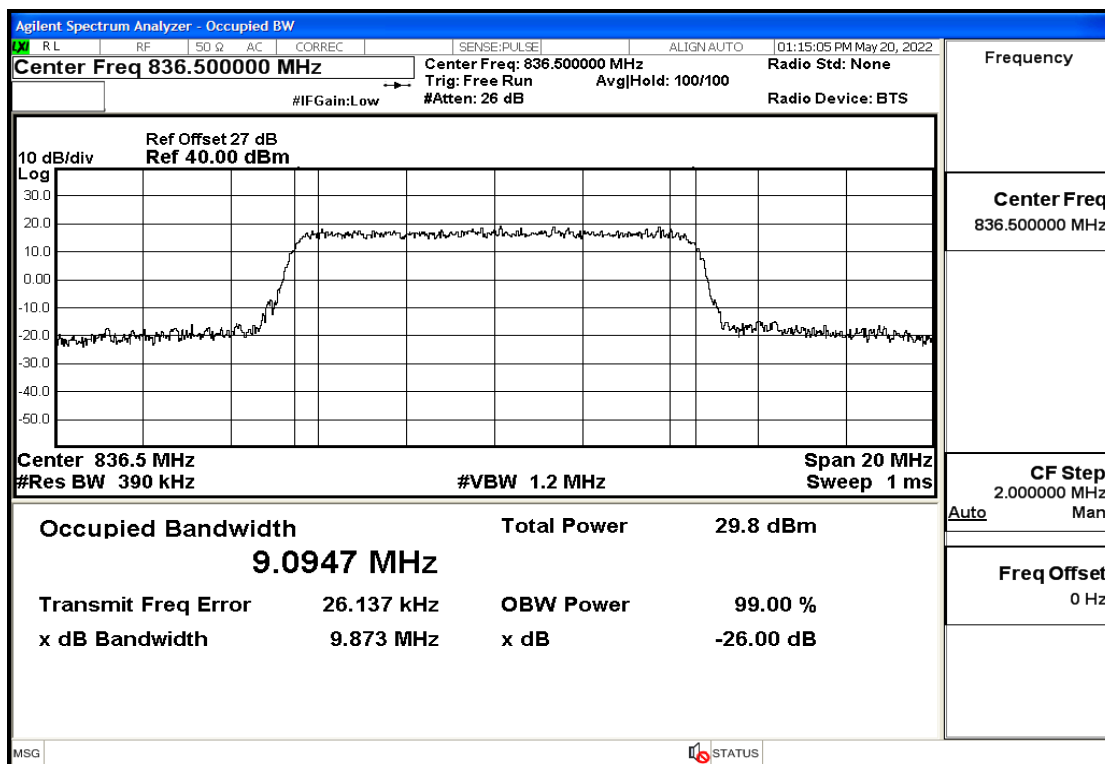
Band5-10-829-QPSK-50#LOW@26dB and 99PCT Bandwidth



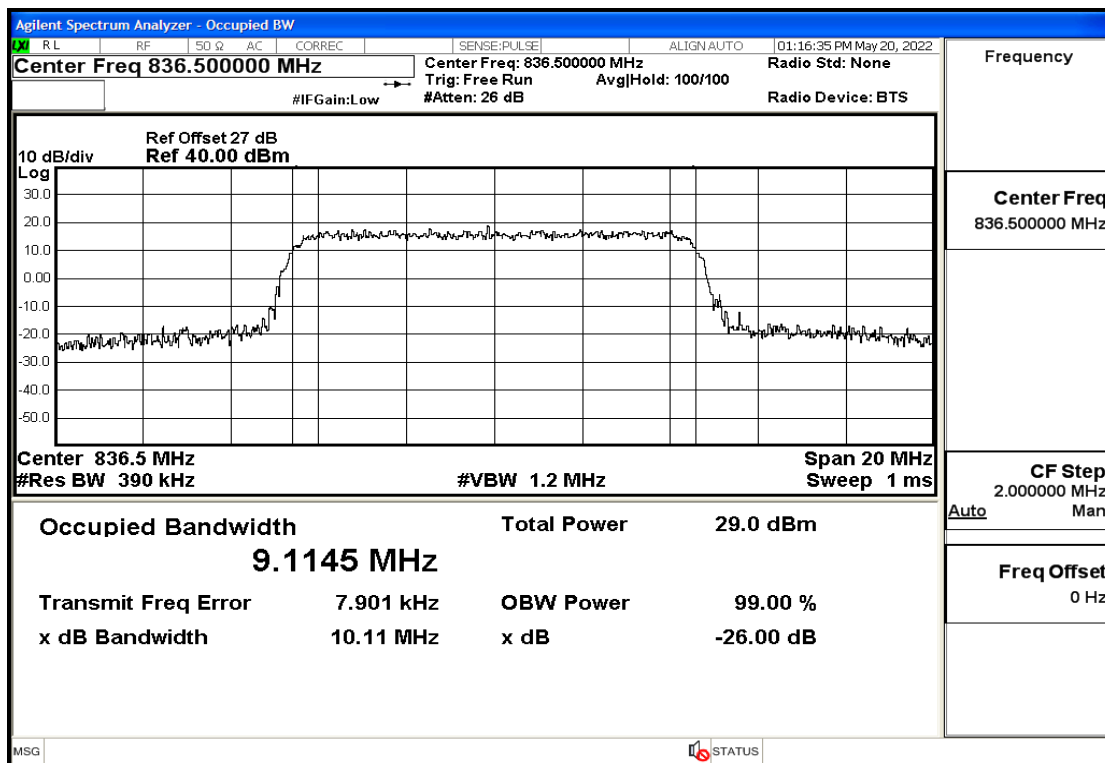
Band5-10-829-16QAM-50#LOW@26dB and 99PCT Bandwidth



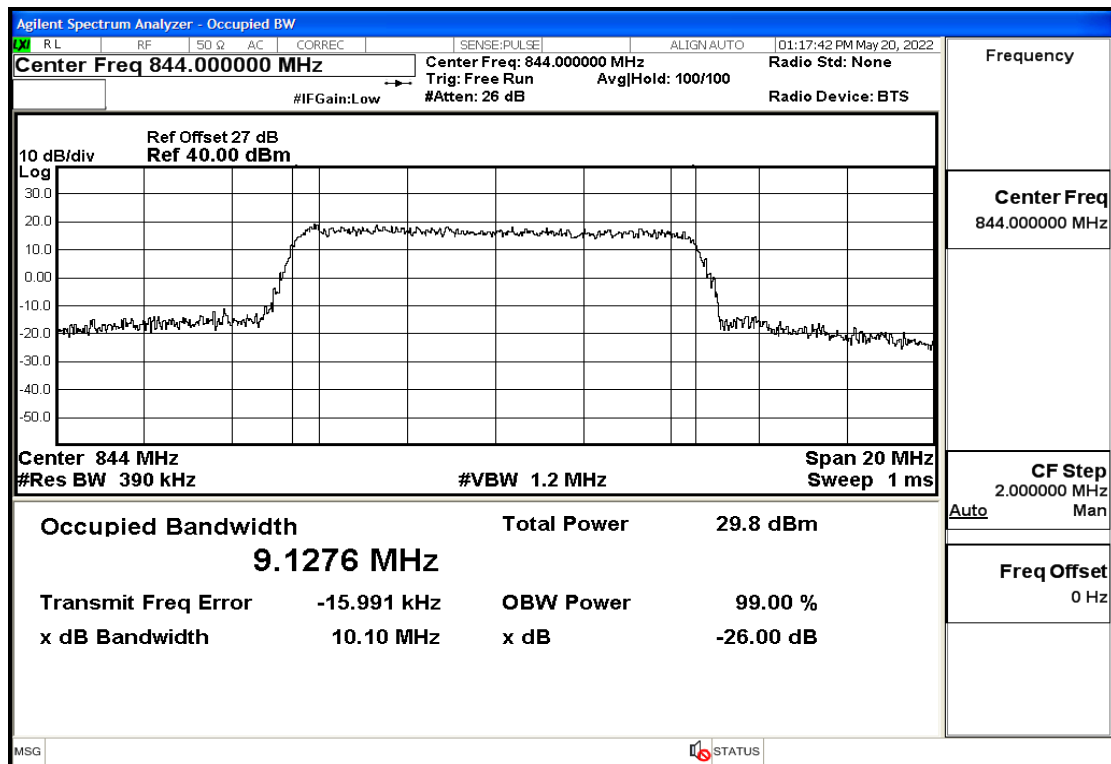
Band5-10-836.5-QPSK-50#LOW@26dB and 99PCT Bandwidth



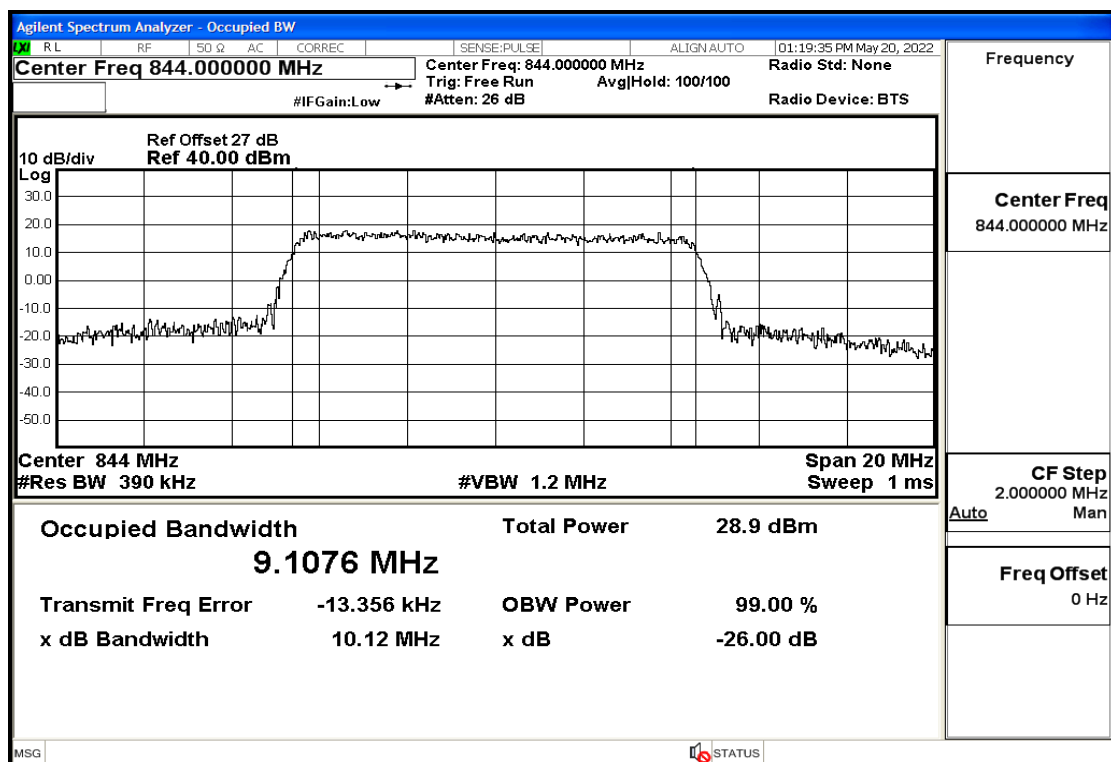
Band5-10-836.5-16QAM-50#LOW@26dB and 99PCT Bandwidth



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	0.0572	PASS
40	Normal Voltage	0.0347	
30	Normal Voltage	0.0168	
20(Ref.)	Normal Voltage	0.0275	
10	Normal Voltage	0.0564	
0	Normal Voltage	0.0179	
-10	Normal Voltage	0.0490	
-20	Normal Voltage	0.0390	
-30	Normal Voltage	0.0193	
20	Maximum Voltage	0.0196	
20	Normal Voltage	0.0249	
20	Battery End Point	0.0593	

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	21.91	27.23	5.32	13	0.09	19.85	38.5	Pass
Band5	1.4	824.7	QPSK	3	LOW	22.9	26.58	3.68	13	0.09	20.84	38.5	Pass
Band5	1.4	824.7	QPSK	3	MID	22.89	26.55	3.66	13	0.09	20.83	38.5	Pass
Band5	1.4	824.7	QPSK	3	HIGH	22.88	26.63	3.75	13	0.09	20.82	38.5	Pass
Band5	1.4	824.7	QPSK	1	LOW	22.87	26.22	3.35	13	0.09	20.81	38.5	Pass
Band5	1.4	824.7	QPSK	1	MID	23.02	26.4	3.38	13	0.09	20.96	38.5	Pass
Band5	1.4	824.7	QPSK	1	HIGH	22.96	26.38	3.42	13	0.09	20.9	38.5	Pass
Band5	1.4	824.7	16QAM	6	LOW	20.95	26.96	6.01	13	0.09	18.89	38.5	Pass
Band5	1.4	824.7	16QAM	3	LOW	22.2	26.53	4.33	13	0.09	20.14	38.5	Pass
Band5	1.4	824.7	16QAM	3	MID	22.19	26.53	4.34	13	0.09	20.13	38.5	Pass
Band5	1.4	824.7	16QAM	3	HIGH	22.22	26.69	4.47	13	0.09	20.16	38.5	Pass
Band5	1.4	824.7	16QAM	1	LOW	22.03	26.09	4.06	13	0.09	19.97	38.5	Pass
Band5	1.4	824.7	16QAM	1	MID	22.14	26.14	4	13	0.09	20.08	38.5	Pass
Band5	1.4	824.7	16QAM	1	HIGH	22.08	26.16	4.08	13	0.09	20.02	38.5	Pass
Band5	1.4	836.5	QPSK	6	LOW	21.99	27.08	5.09	13	0.09	19.93	38.5	Pass
Band5	1.4	836.5	QPSK	3	LOW	22.98	26.96	3.98	13	0.09	20.92	38.5	Pass
Band5	1.4	836.5	QPSK	3	MID	22.99	26.89	3.9	13	0.09	20.93	38.5	Pass
Band5	1.4	836.5	QPSK	3	HIGH	23	26.83	3.83	13	0.09	20.94	38.5	Pass
Band5	1.4	836.5	QPSK	1	LOW	23.01	26.59	3.58	13	0.09	20.95	38.5	Pass
Band5	1.4	836.5	QPSK	1	MID	23.07	26.64	3.57	13	0.09	21.01	38.5	Pass
Band5	1.4	836.5	QPSK	1	HIGH	23.01	26.55	3.54	13	0.09	20.95	38.5	Pass
Band5	1.4	836.5	16QAM	6	LOW	20.98	27.01	6.03	13	0.09	18.92	38.5	Pass
Band5	1.4	836.5	16QAM	3	LOW	21.94	26.93	4.99	13	0.09	19.88	38.5	Pass
Band5	1.4	836.5	16QAM	3	MID	21.94	26.96	5.02	13	0.09	19.88	38.5	Pass
Band5	1.4	836.5	16QAM	3	HIGH	21.95	26.94	4.99	13	0.09	19.89	38.5	Pass
Band5	1.4	836.5	16QAM	1	LOW	22.04	26.14	4.1	13	0.09	19.98	38.5	Pass
Band5	1.4	836.5	16QAM	1	MID	22.12	26.17	4.05	13	0.09	20.06	38.5	Pass
Band5	1.4	836.5	16QAM	1	HIGH	22.04	26.09	4.05	13	0.09	19.98	38.5	Pass
Band5	1.4	848.3	QPSK	6	LOW	22.02	26.98	4.96	13	0.09	19.96	38.5	Pass
Band5	1.4	848.3	QPSK	3	LOW	23.17	26.78	3.61	13	0.09	21.11	38.5	Pass
Band5	1.4	848.3	QPSK	3	MID	23.15	26.77	3.62	13	0.09	21.09	38.5	Pass
Band5	1.4	848.3	QPSK	3	HIGH	23.13	26.61	3.48	13	0.09	21.07	38.5	Pass
Band5	1.4	848.3	QPSK	1	LOW	23.08	26.32	3.24	13	0.09	21.02	38.5	Pass
Band5	1.4	848.3	QPSK	1	MID	23.22	26.26	3.04	13	0.09	21.16	38.5	Pass
Band5	1.4	848.3	QPSK	1	HIGH	23.09	26.13	3.04	13	0.09	21.03	38.5	Pass
Band5	1.4	848.3	16QAM	6	LOW	21.07	26.95	5.88	13	0.09	19.01	38.5	Pass
Band5	1.4	848.3	16QAM	3	LOW	22.04	26.76	4.72	13	0.09	19.98	38.5	Pass
Band5	1.4	848.3	16QAM	3	MID	22.03	26.73	4.7	13	0.09	19.97	38.5	Pass
Band5	1.4	848.3	16QAM	3	HIGH	22.05	26.45	4.4	13	0.09	19.99	38.5	Pass
Band5	1.4	848.3	16QAM	1	LOW	22.16	26.07	3.91	13	0.09	20.1	38.5	Pass

Band5	1.4	848.3	16QAM	1	MID	22.3	26.08	3.78	13	0.09	20.24	38.5	Pass
Band5	1.4	848.3	16QAM	1	HIGH	22.16	25.87	3.71	13	0.09	20.1	38.5	Pass
Band5	3	825.5	QPSK	15	LOW	21.97	27.4	5.43	13	0.09	19.91	38.5	Pass
Band5	3	825.5	QPSK	8	LOW	21.94	26.47	4.53	13	0.09	19.88	38.5	Pass
Band5	3	825.5	QPSK	8	MID	21.94	26.51	4.57	13	0.09	19.88	38.5	Pass
Band5	3	825.5	QPSK	8	HIGH	21.96	26.7	4.74	13	0.09	19.9	38.5	Pass
Band5	3	825.5	QPSK	1	LOW	22.83	26.02	3.19	13	0.09	20.77	38.5	Pass
Band5	3	825.5	QPSK	1	MID	22.94	26.36	3.42	13	0.09	20.88	38.5	Pass
Band5	3	825.5	QPSK	1	HIGH	22.9	26.59	3.69	13	0.09	20.84	38.5	Pass
Band5	3	825.5	16QAM	15	LOW	20.92	26.87	5.95	13	0.09	18.86	38.5	Pass
Band5	3	825.5	16QAM	8	LOW	21.16	26.77	5.61	13	0.09	19.1	38.5	Pass
Band5	3	825.5	16QAM	8	MID	21.16	26.75	5.59	13	0.09	19.1	38.5	Pass
Band5	3	825.5	16QAM	8	HIGH	21.18	26.93	5.75	13	0.09	19.12	38.5	Pass
Band5	3	825.5	16QAM	1	LOW	22.31	26.37	4.06	13	0.09	20.25	38.5	Pass
Band5	3	825.5	16QAM	1	MID	22.43	26.61	4.18	13	0.09	20.37	38.5	Pass
Band5	3	825.5	16QAM	1	HIGH	22.46	26.88	4.42	13	0.09	20.4	38.5	Pass
Band5	3	836.5	QPSK	15	LOW	21.93	27.51	5.58	13	0.09	19.87	38.5	Pass
Band5	3	836.5	QPSK	8	LOW	21.99	27.04	5.05	13	0.09	19.93	38.5	Pass
Band5	3	836.5	QPSK	8	MID	21.97	27.07	5.1	13	0.09	19.91	38.5	Pass
Band5	3	836.5	QPSK	8	HIGH	22	26.99	4.99	13	0.09	19.94	38.5	Pass
Band5	3	836.5	QPSK	1	LOW	22.98	26.66	3.68	13	0.09	20.92	38.5	Pass
Band5	3	836.5	QPSK	1	MID	23.03	26.62	3.59	13	0.09	20.97	38.5	Pass
Band5	3	836.5	QPSK	1	HIGH	23	26.49	3.49	13	0.09	20.94	38.5	Pass
Band5	3	836.5	16QAM	15	LOW	20.88	27.1	6.22	13	0.09	18.82	38.5	Pass
Band5	3	836.5	16QAM	8	LOW	20.96	26.73	5.77	13	0.09	18.9	38.5	Pass
Band5	3	836.5	16QAM	8	MID	20.94	26.72	5.78	13	0.09	18.88	38.5	Pass
Band5	3	836.5	16QAM	8	HIGH	20.92	26.69	5.77	13	0.09	18.86	38.5	Pass
Band5	3	836.5	16QAM	1	LOW	22.06	26.2	4.14	13	0.09	20	38.5	Pass
Band5	3	836.5	16QAM	1	MID	22.05	26.15	4.1	13	0.09	19.99	38.5	Pass
Band5	3	836.5	16QAM	1	HIGH	22.01	26.06	4.05	13	0.09	19.95	38.5	Pass
Band5	3	847.5	QPSK	15	LOW	21.99	28.23	6.24	13	0.09	19.93	38.5	Pass
Band5	3	847.5	QPSK	8	LOW	22.15	27.32	5.17	13	0.09	20.09	38.5	Pass
Band5	3	847.5	QPSK	8	MID	22.15	27.33	5.18	13	0.09	20.09	38.5	Pass
Band5	3	847.5	QPSK	8	HIGH	22.17	26.99	4.82	13	0.09	20.11	38.5	Pass
Band5	3	847.5	QPSK	1	LOW	23.05	26.64	3.59	13	0.09	20.99	38.5	Pass
Band5	3	847.5	QPSK	1	MID	23.11	26.42	3.31	13	0.09	21.05	38.5	Pass
Band5	3	847.5	QPSK	1	HIGH	23.08	26.14	3.06	13	0.09	21.02	38.5	Pass
Band5	3	847.5	16QAM	15	LOW	21.13	27.7	6.57	13	0.09	19.07	38.5	Pass
Band5	3	847.5	16QAM	8	LOW	21.12	26.94	5.82	13	0.09	19.06	38.5	Pass
Band5	3	847.5	16QAM	8	MID	21.1	26.93	5.83	13	0.09	19.04	38.5	Pass
Band5	3	847.5	16QAM	8	HIGH	21.11	26.55	5.44	13	0.09	19.05	38.5	Pass
Band5	3	847.5	16QAM	1	LOW	22.19	26.33	4.14	13	0.09	20.13	38.5	Pass
Band5	3	847.5	16QAM	1	MID	22.2	26.16	3.96	13	0.09	20.14	38.5	Pass
Band5	3	847.5	16QAM	1	HIGH	22.14	25.88	3.74	13	0.09	20.08	38.5	Pass
Band5	5	826.5	QPSK	25	LOW	21.92	27.61	5.69	13	0.09	19.86	38.5	Pass
Band5	5	826.5	QPSK	12	LOW	21.91	26.74	4.83	13	0.09	19.85	38.5	Pass

Band5	5	826.5	QPSK	12	MID	21.92	26.73	4.81	13	0.09	19.86	38.5	Pass
Band5	5	826.5	QPSK	12	HIGH	21.92	27.15	5.23	13	0.09	19.86	38.5	Pass
Band5	5	826.5	QPSK	1	LOW	22.88	26.46	3.58	13	0.09	20.82	38.5	Pass
Band5	5	826.5	QPSK	1	MID	22.99	27.09	4.1	13	0.09	20.93	38.5	Pass
Band5	5	826.5	QPSK	1	HIGH	22.88	27.45	4.57	13	0.09	20.82	38.5	Pass
Band5	5	826.5	16QAM	25	LOW	20.92	27.62	6.7	13	0.09	18.86	38.5	Pass
Band5	5	826.5	16QAM	12	LOW	20.97	26.75	5.78	13	0.09	18.91	38.5	Pass
Band5	5	826.5	16QAM	12	MID	20.95	26.74	5.79	13	0.09	18.89	38.5	Pass
Band5	5	826.5	16QAM	12	HIGH	20.99	27.36	6.37	13	0.09	18.93	38.5	Pass
Band5	5	826.5	16QAM	1	LOW	21.91	26.03	4.12	13	0.09	19.85	38.5	Pass
Band5	5	826.5	16QAM	1	MID	22	26.49	4.49	13	0.09	19.94	38.5	Pass
Band5	5	826.5	16QAM	1	HIGH	21.94	26.77	4.83	13	0.09	19.88	38.5	Pass
Band5	5	836.5	QPSK	25	LOW	21.92	27.76	5.84	13	0.09	19.86	38.5	Pass
Band5	5	836.5	QPSK	12	LOW	21.93	27.22	5.29	13	0.09	19.87	38.5	Pass
Band5	5	836.5	QPSK	12	MID	21.93	27.31	5.38	13	0.09	19.87	38.5	Pass
Band5	5	836.5	QPSK	12	HIGH	21.94	27.03	5.09	13	0.09	19.88	38.5	Pass
Band5	5	836.5	QPSK	1	LOW	23.01	26.78	3.77	13	0.09	20.95	38.5	Pass
Band5	5	836.5	QPSK	1	MID	23.04	26.56	3.52	13	0.09	20.98	38.5	Pass
Band5	5	836.5	QPSK	1	HIGH	23.02	26.48	3.46	13	0.09	20.96	38.5	Pass
Band5	5	836.5	16QAM	25	LOW	20.91	27.59	6.68	13	0.09	18.85	38.5	Pass
Band5	5	836.5	16QAM	12	LOW	21.05	26.93	5.88	13	0.09	18.99	38.5	Pass
Band5	5	836.5	16QAM	12	MID	21.05	26.92	5.87	13	0.09	18.99	38.5	Pass
Band5	5	836.5	16QAM	12	HIGH	21.04	26.77	5.73	13	0.09	18.98	38.5	Pass
Band5	5	836.5	16QAM	1	LOW	22.26	26.69	4.43	13	0.09	20.2	38.5	Pass
Band5	5	836.5	16QAM	1	MID	22.27	26.49	4.22	13	0.09	20.21	38.5	Pass
Band5	5	836.5	16QAM	1	HIGH	22.21	26.35	4.14	13	0.09	20.15	38.5	Pass
Band5	5	846.5	QPSK	25	LOW	21.97	27.64	5.67	13	0.09	19.91	38.5	Pass
Band5	5	846.5	QPSK	12	LOW	22.12	27.14	5.02	13	0.09	20.06	38.5	Pass
Band5	5	846.5	QPSK	12	MID	22.12	27.12	5	13	0.09	20.06	38.5	Pass
Band5	5	846.5	QPSK	12	HIGH	22.06	26.85	4.79	13	0.09	20	38.5	Pass
Band5	5	846.5	QPSK	1	LOW	23.12	26.93	3.81	13	0.09	21.06	38.5	Pass
Band5	5	846.5	QPSK	1	MID	23.08	26.8	3.72	13	0.09	21.02	38.5	Pass
Band5	5	846.5	QPSK	1	HIGH	23.01	26.32	3.31	13	0.09	20.95	38.5	Pass
Band5	5	846.5	16QAM	25	LOW	21.04	27.88	6.84	13	0.09	18.98	38.5	Pass
Band5	5	846.5	16QAM	12	LOW	21.05	27.09	6.04	13	0.09	18.99	38.5	Pass
Band5	5	846.5	16QAM	12	MID	21.04	27.07	6.03	13	0.09	18.98	38.5	Pass
Band5	5	846.5	16QAM	12	HIGH	20.95	26.69	5.74	13	0.09	18.89	38.5	Pass
Band5	5	846.5	16QAM	1	LOW	22.12	26.82	4.7	13	0.09	20.06	38.5	Pass
Band5	5	846.5	16QAM	1	MID	22.04	26.68	4.64	13	0.09	19.98	38.5	Pass
Band5	5	846.5	16QAM	1	HIGH	21.95	26.19	4.24	13	0.09	19.89	38.5	Pass
Band5	10	829	QPSK	50	LOW	21.93	27.69	5.76	13	0.09	19.87	38.5	Pass
Band5	10	829	QPSK	25	LOW	21.86	27.11	5.25	13	0.09	19.8	38.5	Pass
Band5	10	829	QPSK	25	MID	21.86	27.14	5.28	13	0.09	19.8	38.5	Pass
Band5	10	829	QPSK	25	HIGH	21.9	27.56	5.66	13	0.09	19.84	38.5	Pass
Band5	10	829	QPSK	1	LOW	22.95	26.15	3.2	13	0.09	20.89	38.5	Pass
Band5	10	829	QPSK	1	MID	22.98	27.01	4.03	13	0.09	20.92	38.5	Pass

Band5	10	829	QPSK	1	HIGH	22.92	26.84	3.92	13	0.09	20.86	38.5	Pass
Band5	10	829	16QAM	50	LOW	20.88	27.8	6.92	13	0.09	18.82	38.5	Pass
Band5	10	829	16QAM	25	LOW	21.01	27.02	6.01	13	0.09	18.95	38.5	Pass
Band5	10	829	16QAM	25	MID	20.99	26.98	5.99	13	0.09	18.93	38.5	Pass
Band5	10	829	16QAM	25	HIGH	20.98	27.45	6.47	13	0.09	18.92	38.5	Pass
Band5	10	829	16QAM	1	LOW	22.41	26.46	4.05	13	0.09	20.35	38.5	Pass
Band5	10	829	16QAM	1	MID	22.58	27.44	4.86	13	0.09	20.52	38.5	Pass
Band5	10	829	16QAM	1	HIGH	22.48	27.25	4.77	13	0.09	20.42	38.5	Pass
Band5	10	836.5	QPSK	50	LOW	21.94	27.61	5.67	13	0.09	19.88	38.5	Pass
Band5	10	836.5	QPSK	25	LOW	21.93	27.22	5.29	13	0.09	19.87	38.5	Pass
Band5	10	836.5	QPSK	25	MID	21.92	27.26	5.34	13	0.09	19.86	38.5	Pass
Band5	10	836.5	QPSK	25	HIGH	21.95	26.97	5.02	13	0.09	19.89	38.5	Pass
Band5	10	836.5	QPSK	1	LOW	23.02	27.1	4.08	13	0.09	20.96	38.5	Pass
Band5	10	836.5	QPSK	1	MID	23.13	26.65	3.52	13	0.09	21.07	38.5	Pass
Band5	10	836.5	QPSK	1	HIGH	23.13	26.64	3.51	13	0.09	21.07	38.5	Pass
Band5	10	836.5	16QAM	50	LOW	20.95	27.21	6.26	13	0.09	18.89	38.5	Pass
Band5	10	836.5	16QAM	25	LOW	20.99	27.43	6.44	13	0.09	18.93	38.5	Pass
Band5	10	836.5	16QAM	25	MID	20.99	27.41	6.42	13	0.09	18.93	38.5	Pass
Band5	10	836.5	16QAM	25	HIGH	20.95	27.04	6.09	13	0.09	18.89	38.5	Pass
Band5	10	836.5	16QAM	1	LOW	22.15	26.56	4.41	13	0.09	20.09	38.5	Pass
Band5	10	836.5	16QAM	1	MID	22.16	26.2	4.04	13	0.09	20.1	38.5	Pass
Band5	10	836.5	16QAM	1	HIGH	22.1	26.14	4.04	13	0.09	20.04	38.5	Pass
Band5	10	844	QPSK	50	LOW	21.99	27.33	5.34	13	0.09	19.93	38.5	Pass
Band5	10	844	QPSK	25	LOW	22.02	27.28	5.26	13	0.09	19.96	38.5	Pass
Band5	10	844	QPSK	25	MID	22	27.31	5.31	13	0.09	19.94	38.5	Pass
Band5	10	844	QPSK	25	HIGH	22.07	27.45	5.38	13	0.09	20.01	38.5	Pass
Band5	10	844	QPSK	1	LOW	23.03	26.49	3.46	13	0.09	20.97	38.5	Pass
Band5	10	844	QPSK	1	MID	23.22	26.87	3.65	13	0.09	21.16	38.5	Pass
Band5	10	844	QPSK	1	HIGH	23.11	26.32	3.21	13	0.09	21.05	38.5	Pass
Band5	10	844	16QAM	50	LOW	21.07	27.99	6.92	13	0.09	19.01	38.5	Pass
Band5	10	844	16QAM	25	LOW	21.09	27.14	6.05	13	0.09	19.03	38.5	Pass
Band5	10	844	16QAM	25	MID	21.09	27.16	6.07	13	0.09	19.03	38.5	Pass
Band5	10	844	16QAM	25	HIGH	21.1	27.12	6.02	13	0.09	19.04	38.5	Pass
Band5	10	844	16QAM	1	LOW	22.22	26.2	3.98	13	0.09	20.16	38.5	Pass
Band5	10	844	16QAM	1	MID	22.35	26.5	4.15	13	0.09	20.29	38.5	Pass
Band5	10	844	16QAM	1	HIGH	22.18	26.07	3.89	13	0.09	20.12	38.5	Pass