



Appendix E: Test Data for E-UTRA Band 5

Product Name: Smartphone

Trade Mark: S Smooth

Test Model: Smooth 6.26 Lite

Environmental Conditions

Temperature:	23.7° C
Relative Humidity:	51.9%
ATM Pressure:	100.0 kPa
Test Engineer:	Kay Hu
Supervised by:	Li Huan



E.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.81	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.71	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.69	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.75	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.73	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.69	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.68	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.61	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.58	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.51	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.48	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.49	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.50	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.58	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.56	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.59	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.60	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.54	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.55	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.54	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.57	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.30	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.25	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.14	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.59	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.59	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.62	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.95	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.40	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.27	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.38	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.54	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.52	PASS



Band5	1.4MHz	16QAM	20525	3RB#3	21.55	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.71	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.35	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.38	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.42	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.48	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.49	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.83	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.88	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.70	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.70	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.85	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.81	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.74	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.70	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.62	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.41	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.58	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.57	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.67	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.60	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.62	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.44	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.52	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.61	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.48	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.50	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.68	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.44	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.81	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.37	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.30	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.83	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.86	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.08	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.79	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.11	PASS



Band5	3MHz	16QAM	20525	1RB#8	21.01	PASS
Band5	3MHz	16QAM	20525	1RB#14	20.98	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.01	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.04	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.58	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.44	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.07	PASS
Band5	3MHz	16QAM	20635	1RB#8	20.98	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.17	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.73	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.75	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.98	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.50	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.86	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.90	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.77	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.81	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.80	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.72	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.76	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.72	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.63	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.75	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.50	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.52	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.43	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.49	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.67	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.68	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.70	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.50	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.58	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.60	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.52	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.51	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.38	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.46	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.72	PASS



Band5	5MHz	16QAM	20425	12RB#6	20.79	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.06	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.88	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.48	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.40	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.33	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.97	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.99	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.63	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.57	PASS
Band5	5MHz	16QAM	20625	1RB#0	20.92	PASS
Band5	5MHz	16QAM	20625	1RB#12	20.84	PASS
Band5	5MHz	16QAM	20625	1RB#24	20.90	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.51	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.51	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.65	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.66	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.73	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.62	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.59	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.79	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.78	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.62	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.71	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.66	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.56	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.42	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.71	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.62	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.55	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.65	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.56	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.52	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.65	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.66	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.59	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.46	PASS



Band5	10MHz	16QAM	20450	1RB#0	21.20	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.08	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.04	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.19	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.19	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.77	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.63	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.51	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.46	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.36	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.16	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.16	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.70	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.67	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.24	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.15	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.20	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.42	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.41	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.55	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.05	PASS



E.2 Peak-to-Average Ratio(CCDF)

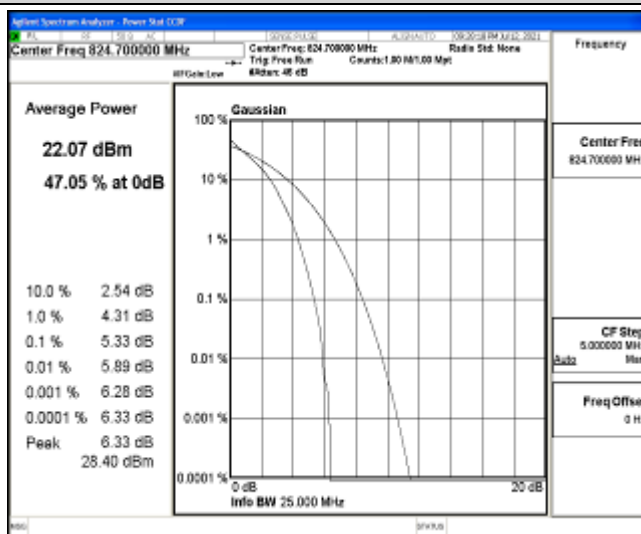
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.33	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.61	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.49	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.05	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.24	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.25	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.36	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.62	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.64	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.20	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.40	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.39	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.37	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.62	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.55	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.02	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.27	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.31	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.55	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.65	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.65	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.26	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.34	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.32	13	PASS

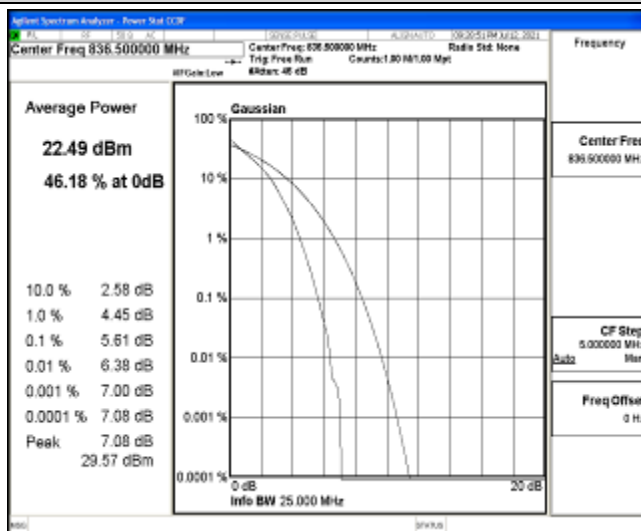


Test Graphs

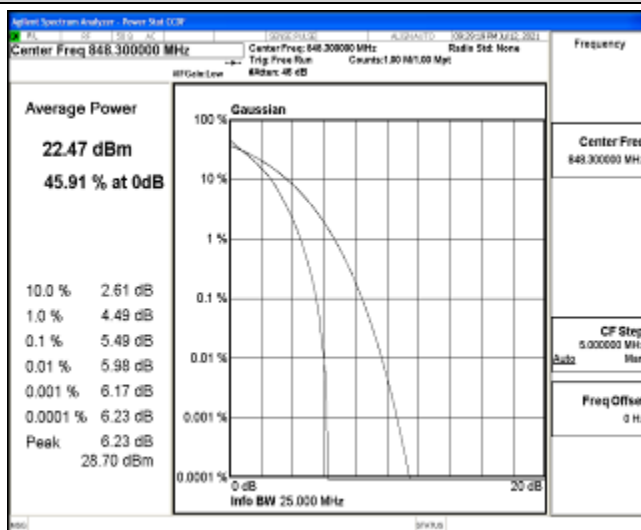
Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20525-6RB#0

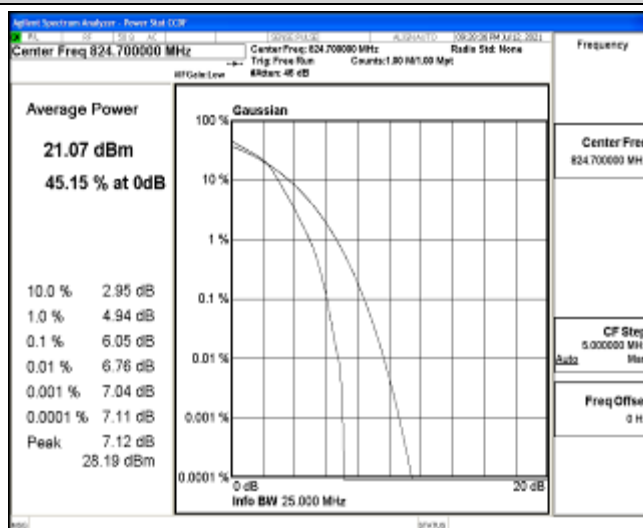


Band5-1.4MHz-QPSK-20643-6RB#0

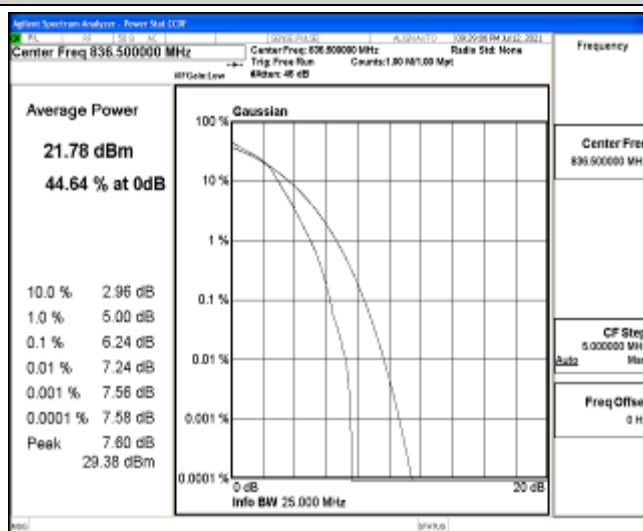




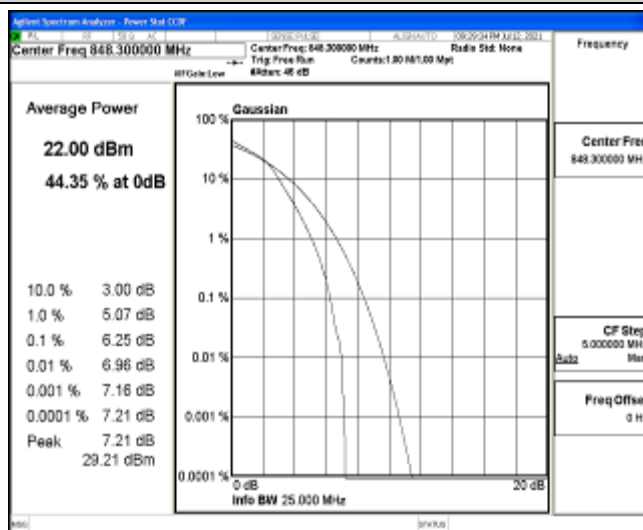
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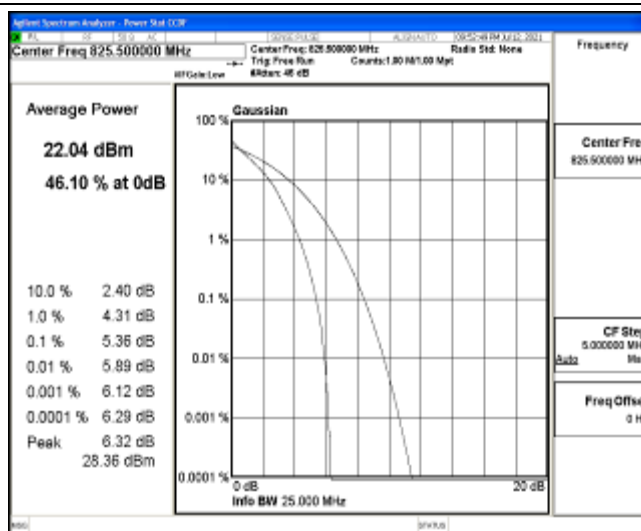
Band5-1.4MHz-16QAM-20525-6RB#0



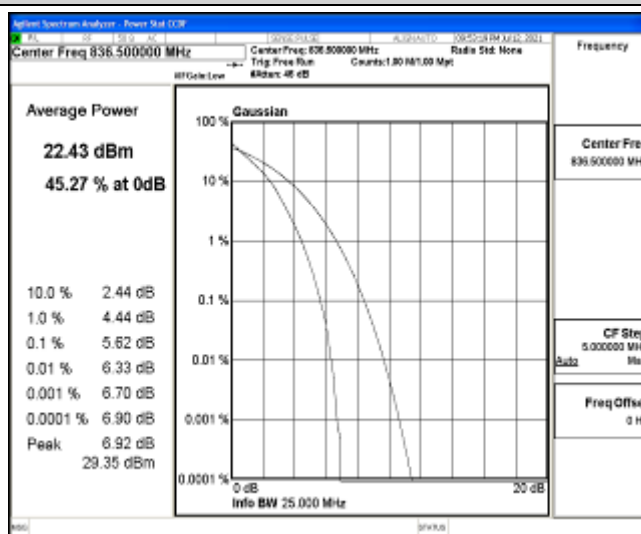
Band5-1.4MHz-16QAM-20643-6RB#0



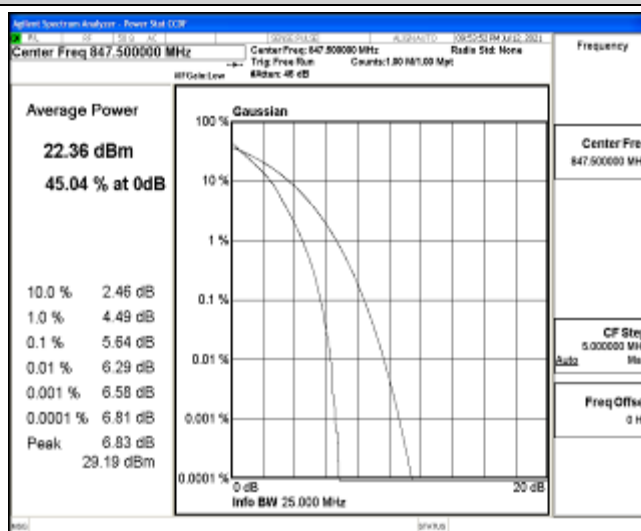
Band5-3MHz-QPSK-20415-15RB#0



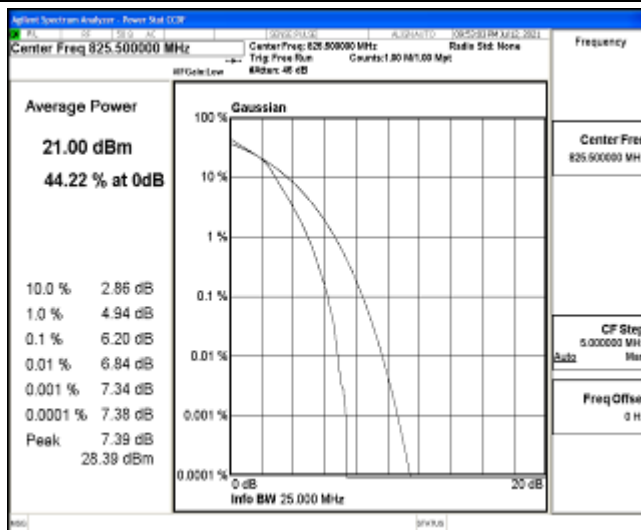
Band5-3MHz-QPSK-20525-15RB#0



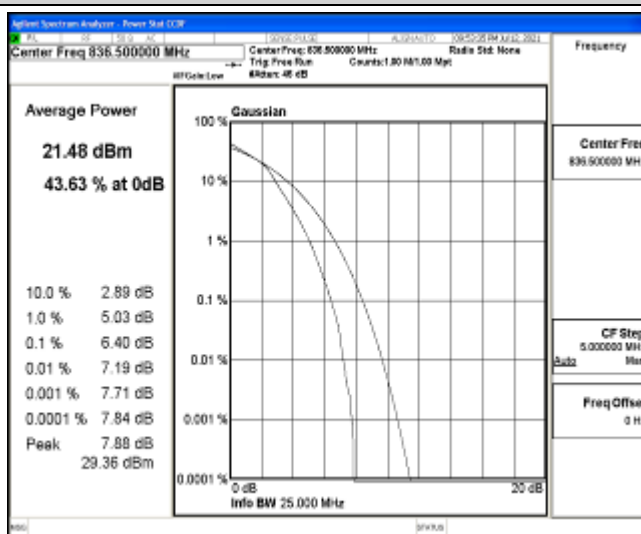
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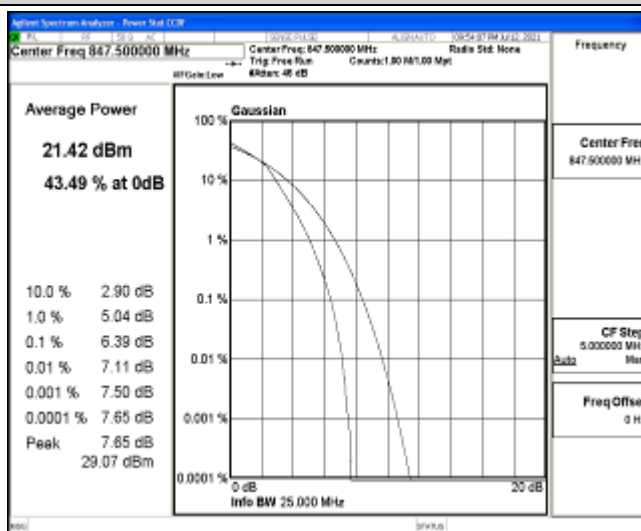
Band5-3MHz-16QAM-20415-15RB#0



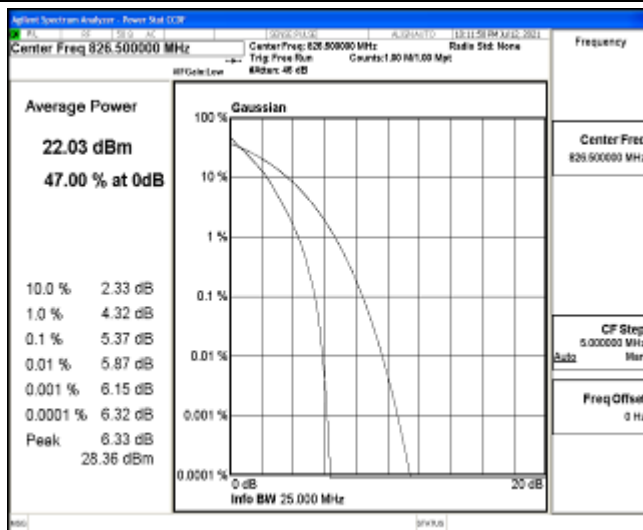
Band5-3MHz-16QAM-20525-15RB#0



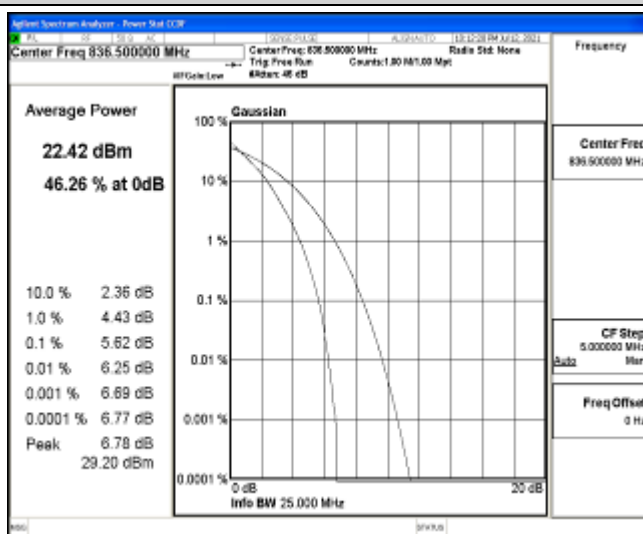
Band5-3MHz-16QAM-20635-15RB#0



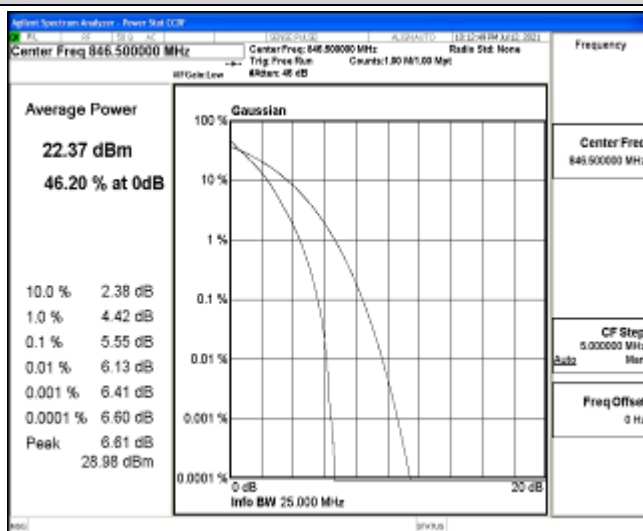
Band5-5MHz-QPSK-20425-25RB#0



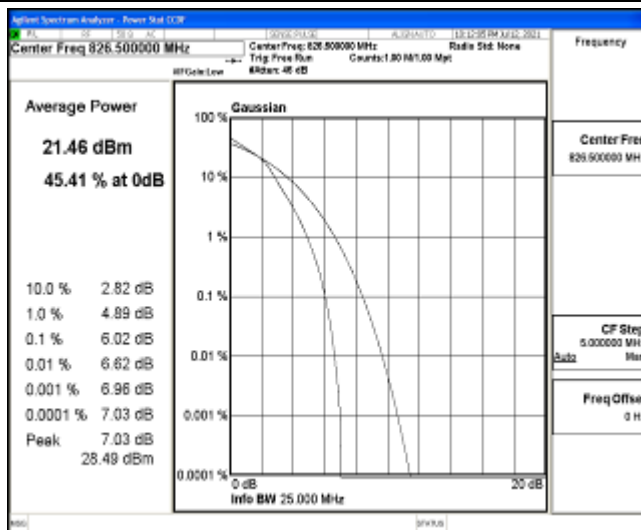
Band5-5MHz-QPSK-20525-25RB#0



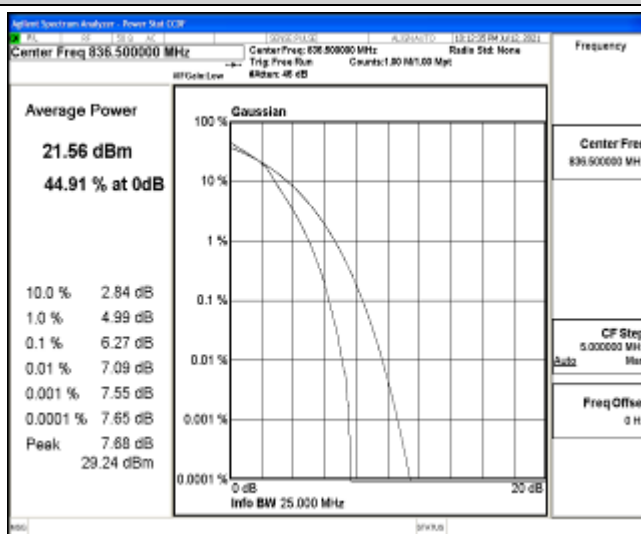
Band5-5MHz-QPSK-20625-25RB#0



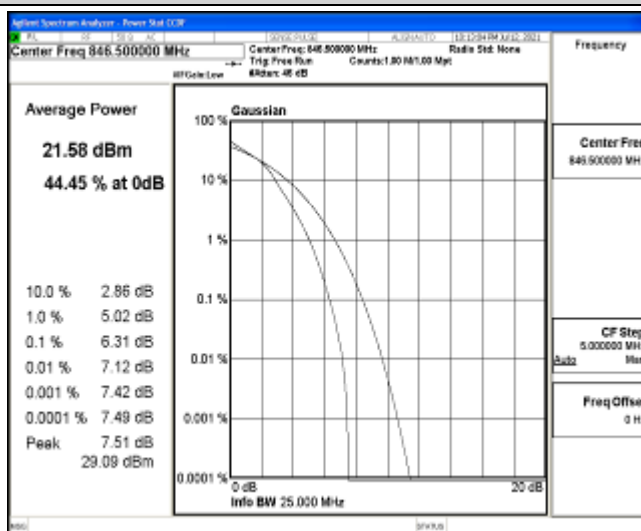
Band5-5MHz-16QAM-20425-25RB#0



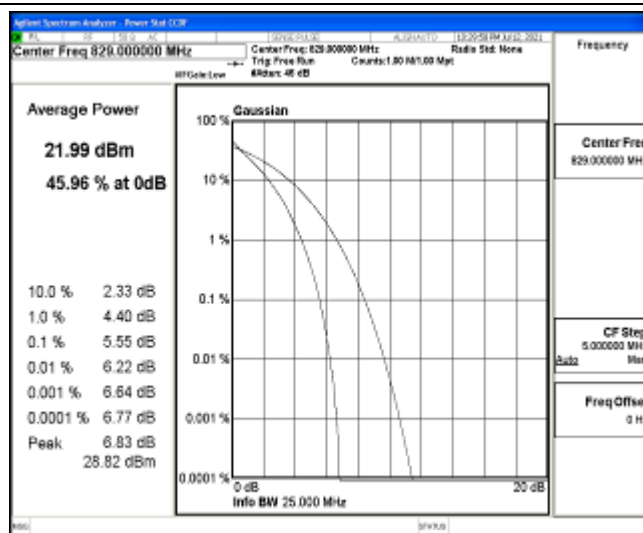
Band5-5MHz-16QAM-20525-25RB#0



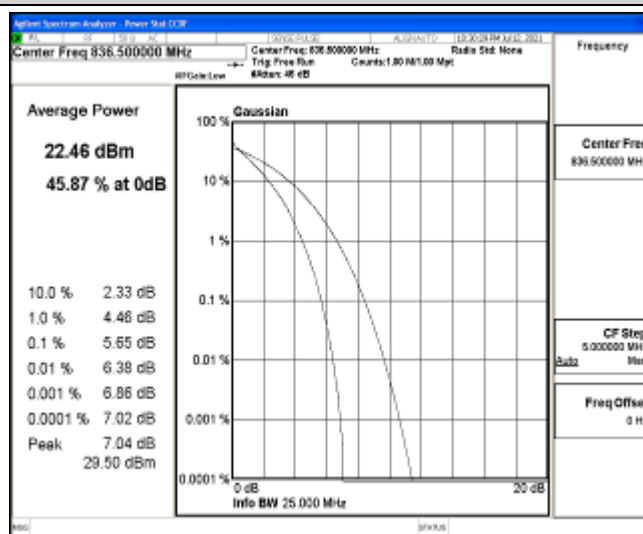
Band5-5MHz-16QAM-20625-25RB#0



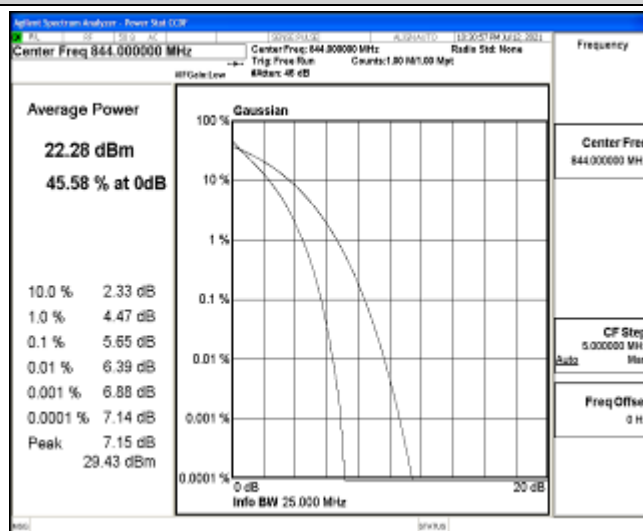
Band5-10MHz-QPSK-20450-50RB#0



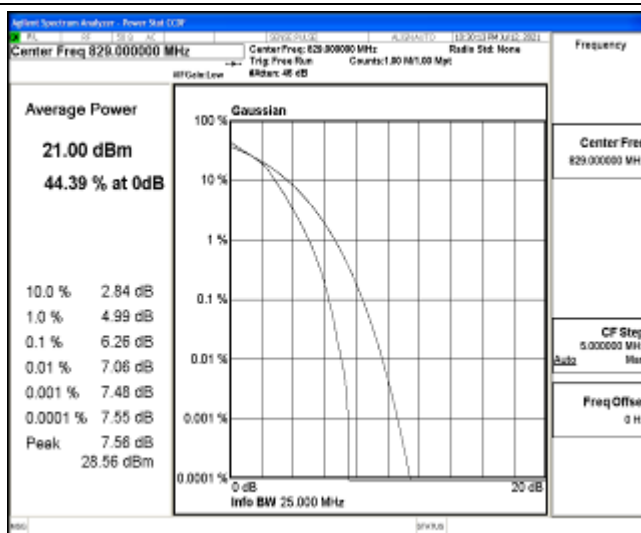
Band5-10MHz-QPSK-20525-50RB#0



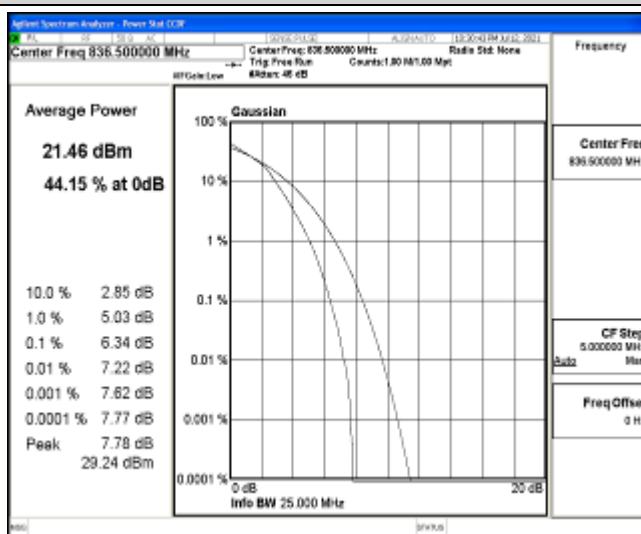
Band5-10MHz-QPSK-20600-50RB#0



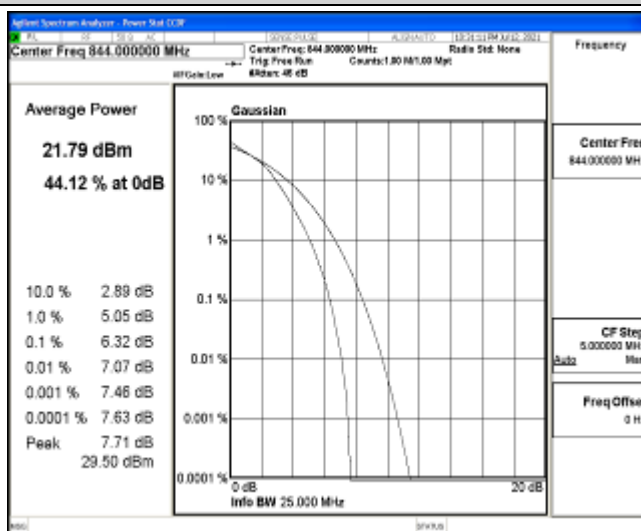
Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0





E.3 26dB Bandwidth and Occupied Bandwidth

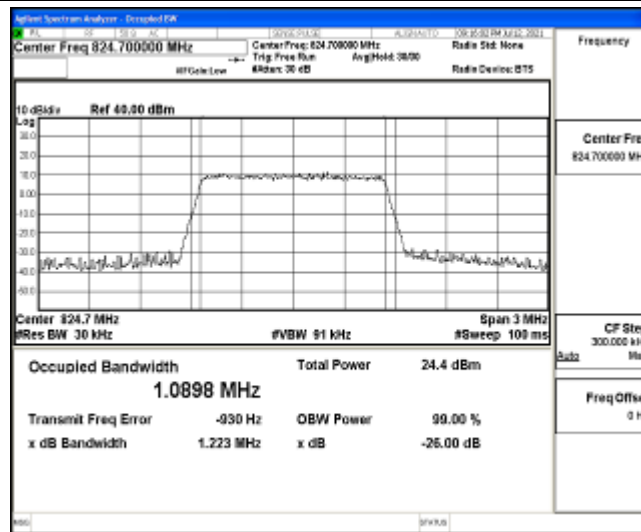
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0898	1.223	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0894	1.223	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0911	1.231	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0879	1.235	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0907	1.236	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0874	1.230	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6984	2.986	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6940	2.977	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6993	2.964	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6890	2.954	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6898	2.938	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6955	2.985	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4913	4.880	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4848	4.865	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4835	4.877	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4995	4.862	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4984	4.854	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4924	4.864	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9866	9.589	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9753	9.584	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9723	9.557	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9811	9.545	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9718	9.558	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9797	9.564	PASS

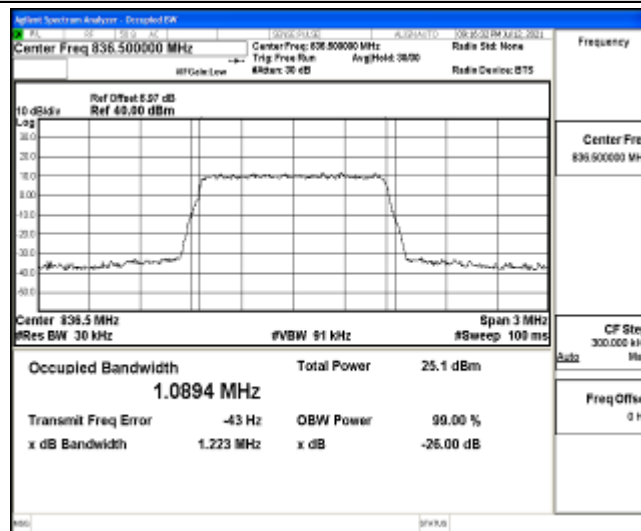


Test Graphs

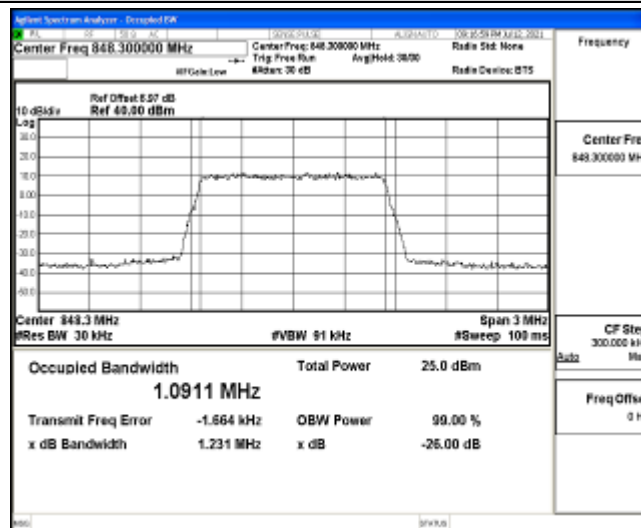
Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20525-6RB#0

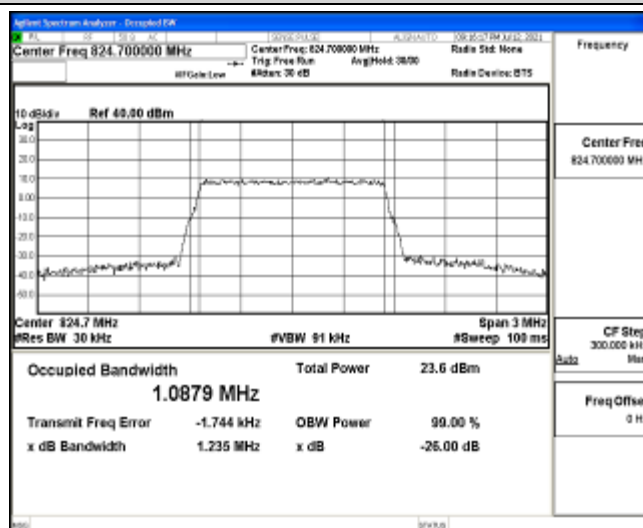


Band5-1.4MHz-QPSK-20643-6RB#0

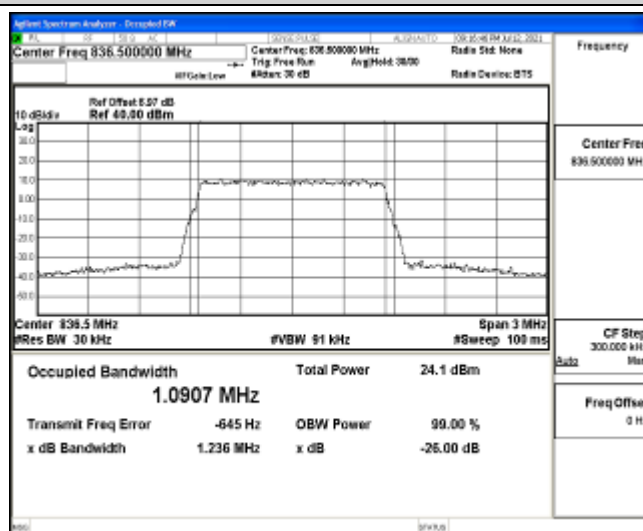




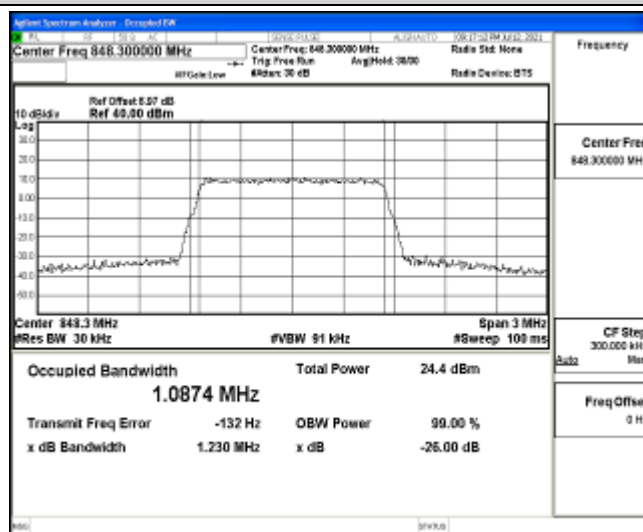
Band5-1.4MHz-16QAM-20407-6RB#0



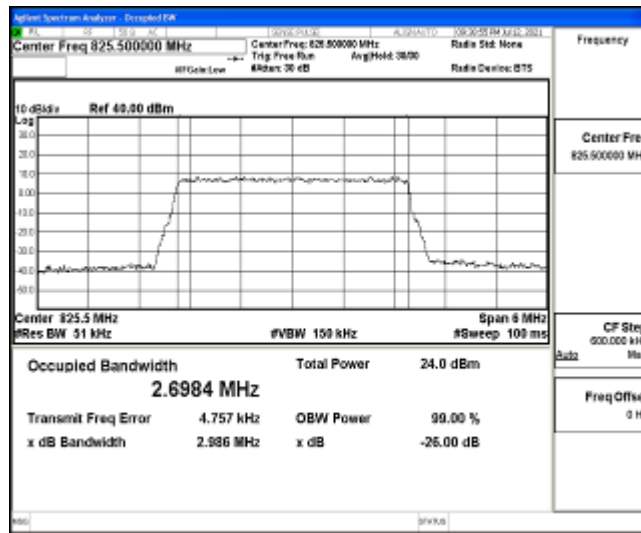
Band5-1.4MHz-16QAM-20525-6RB#0



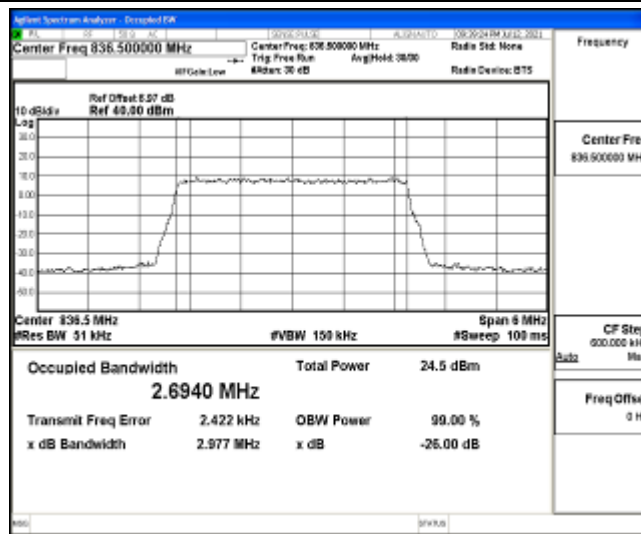
Band5-1.4MHz-16QAM-20643-6RB#0



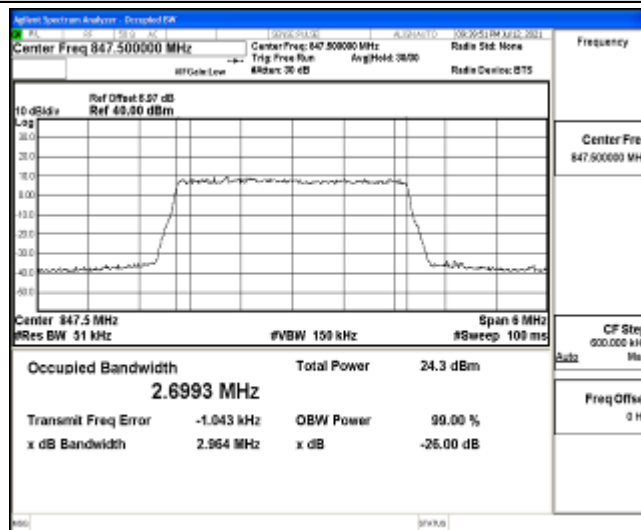
Band5-3MHz-QPSK-20415-15RB#0



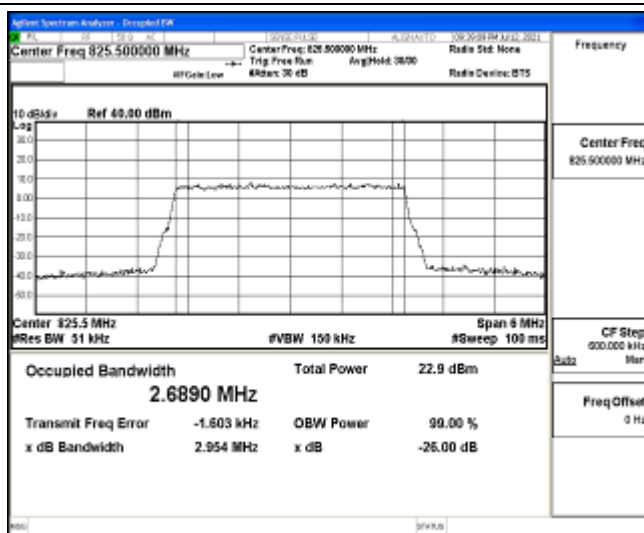
Band5-3MHz-QPSK-20525-15RB#0



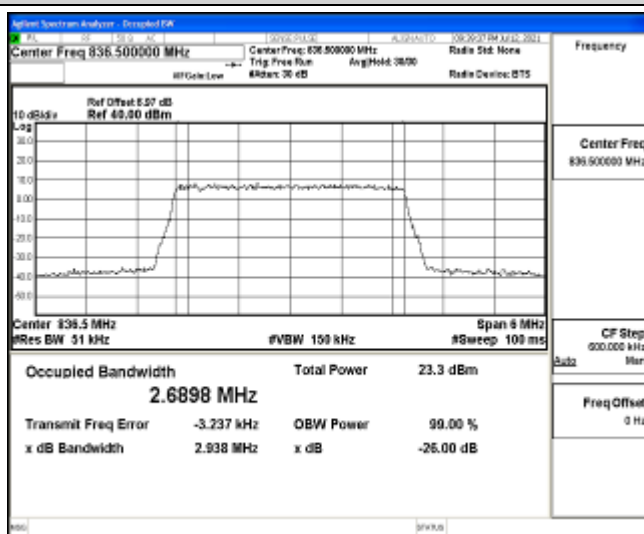
Band5-3MHz-QPSK-20635-15RB#0



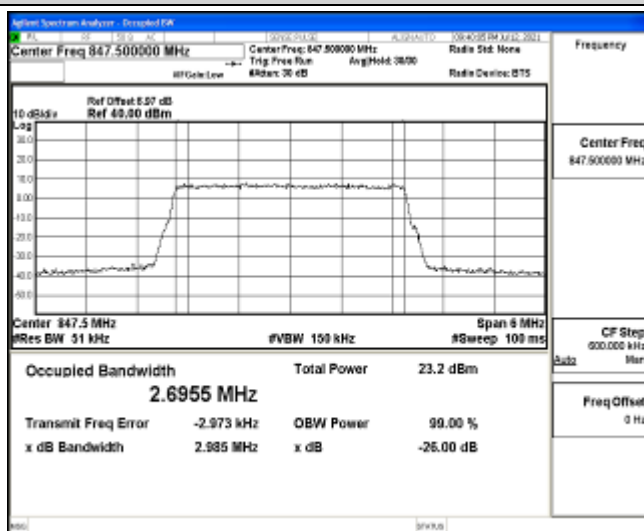
Band5-3MHz-16QAM-20415-15RB#0



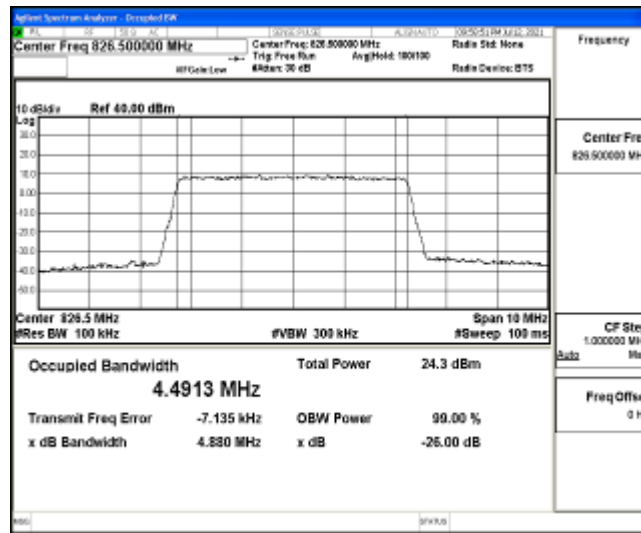
Band5-3MHz-16QAM-20525-15RB#0



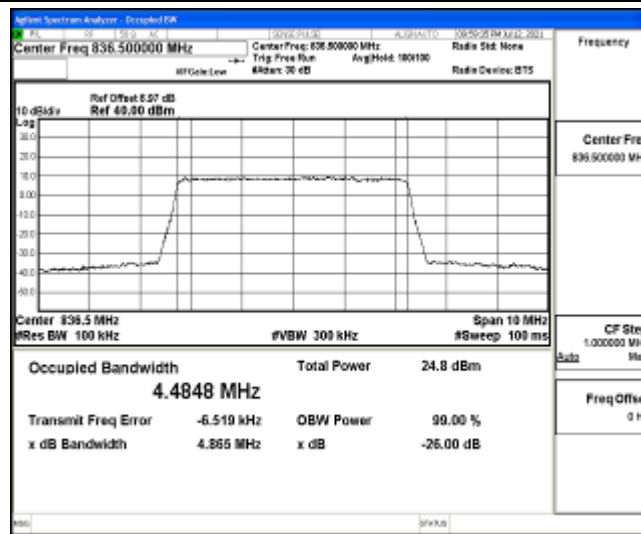
Band5-3MHz-16QAM-20635-15RB#0



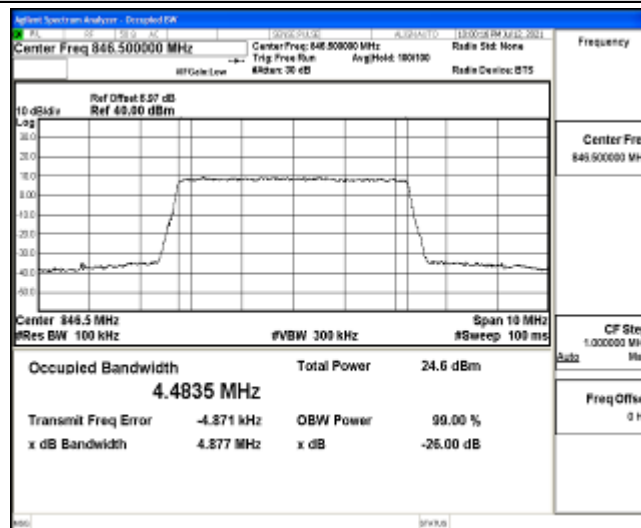
Band5-5MHz-QPSK-20425-25RB#0



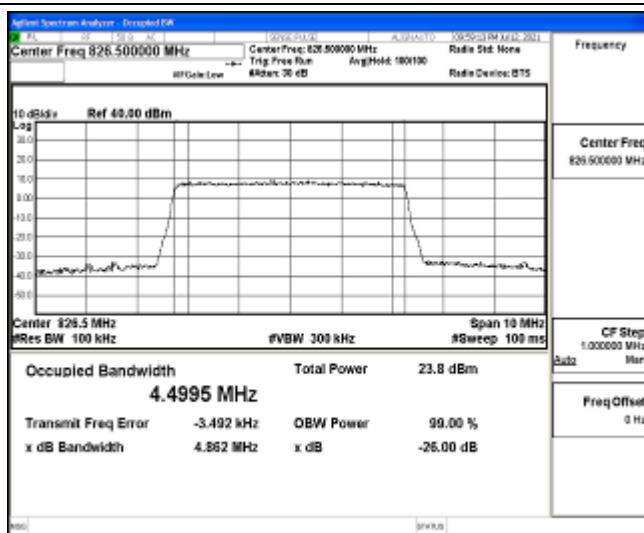
Band5-5MHz-QPSK-20525-25RB#0



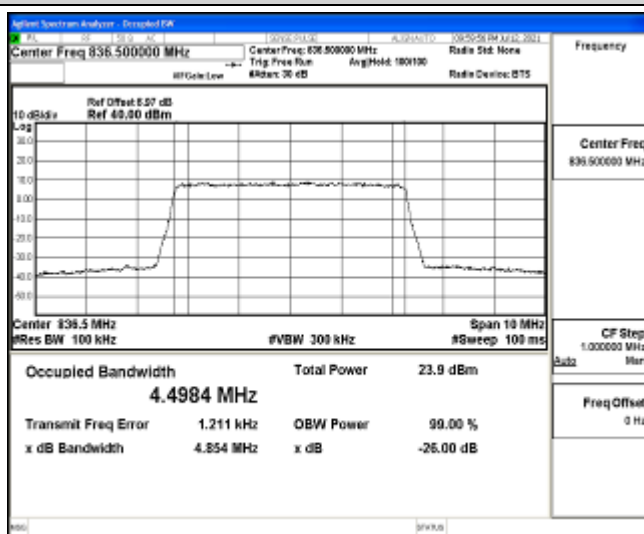
Band5-5MHz-QPSK-20625-25RB#0



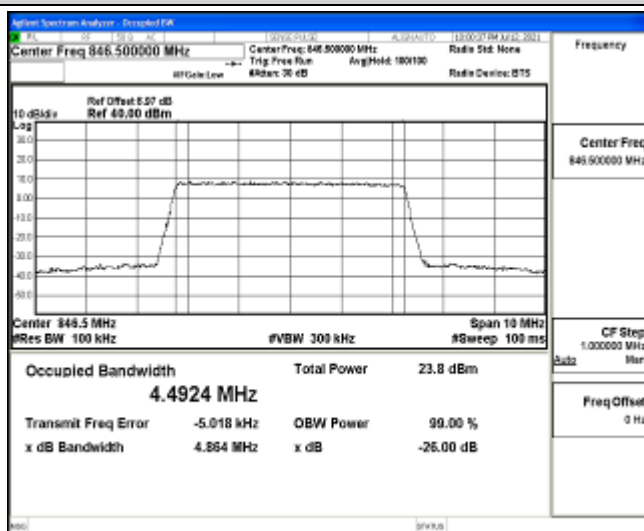
Band5-5MHz-16QAM-20425-25RB#0



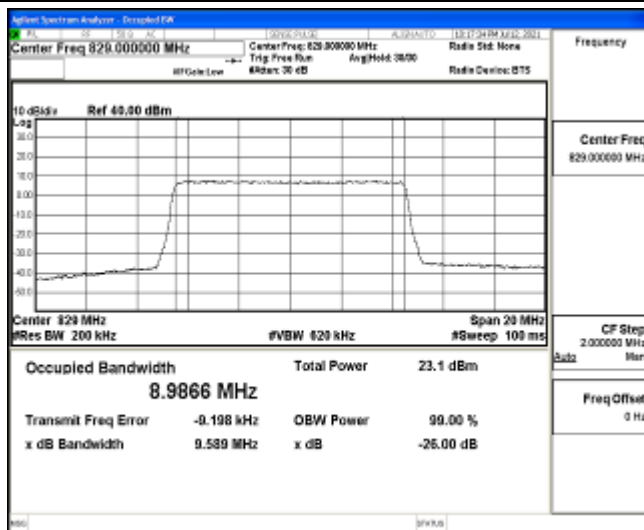
Band5-5MHz-16QAM-20525-25RB#0



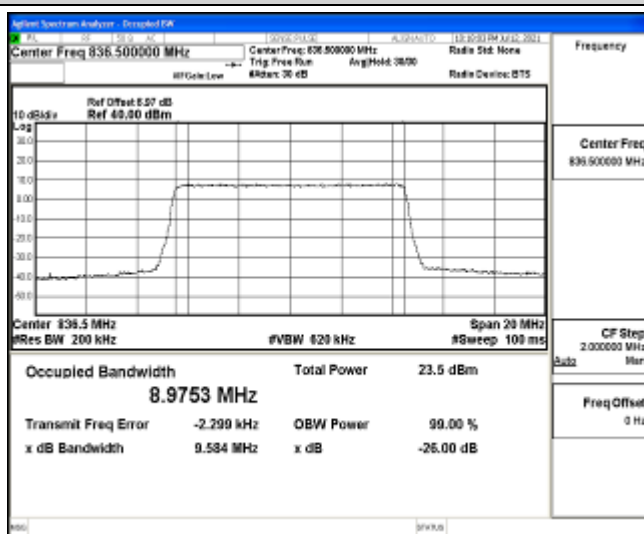
Band5-5MHz-16QAM-20625-25RB#0



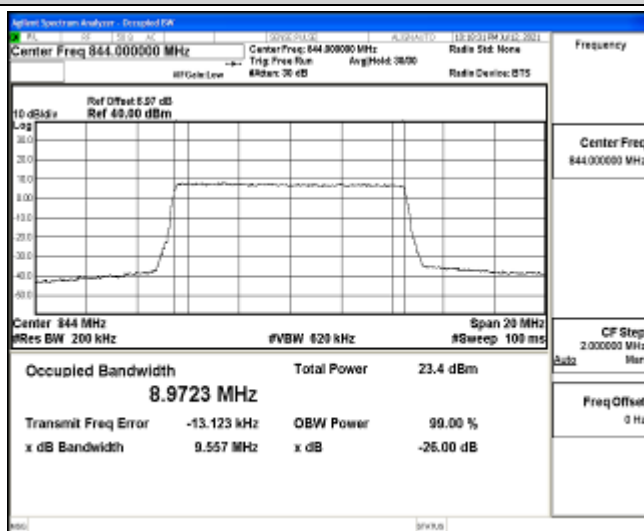
Band5-10MHz-QPSK-20450-50RB#0



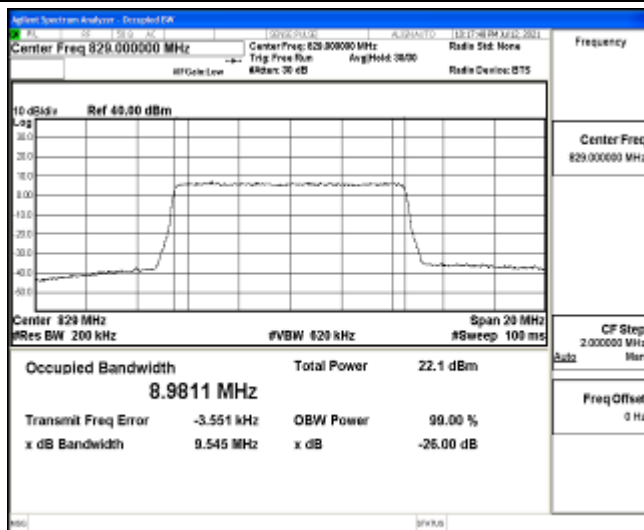
Band5-10MHz-QPSK-20525-50RB#0



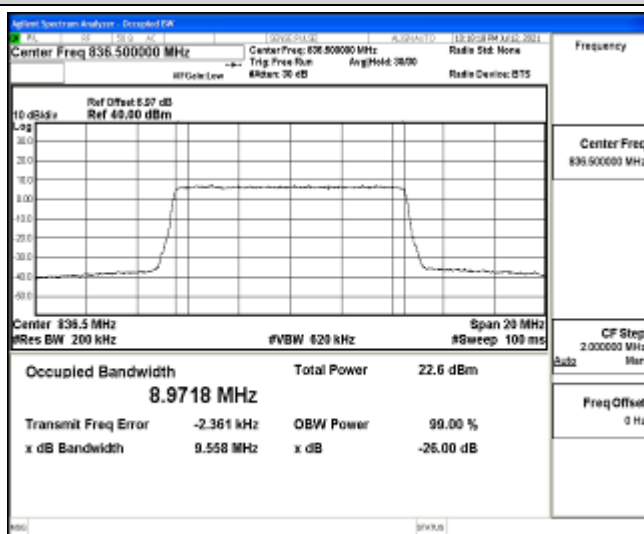
Band5-10MHz-QPSK-20600-50RB#0



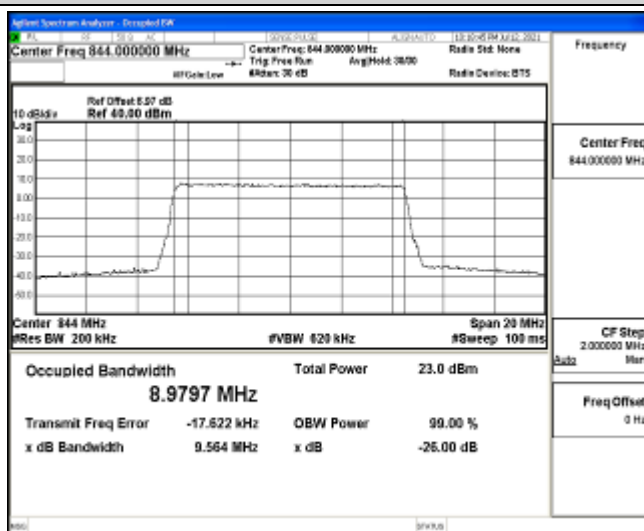
Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0

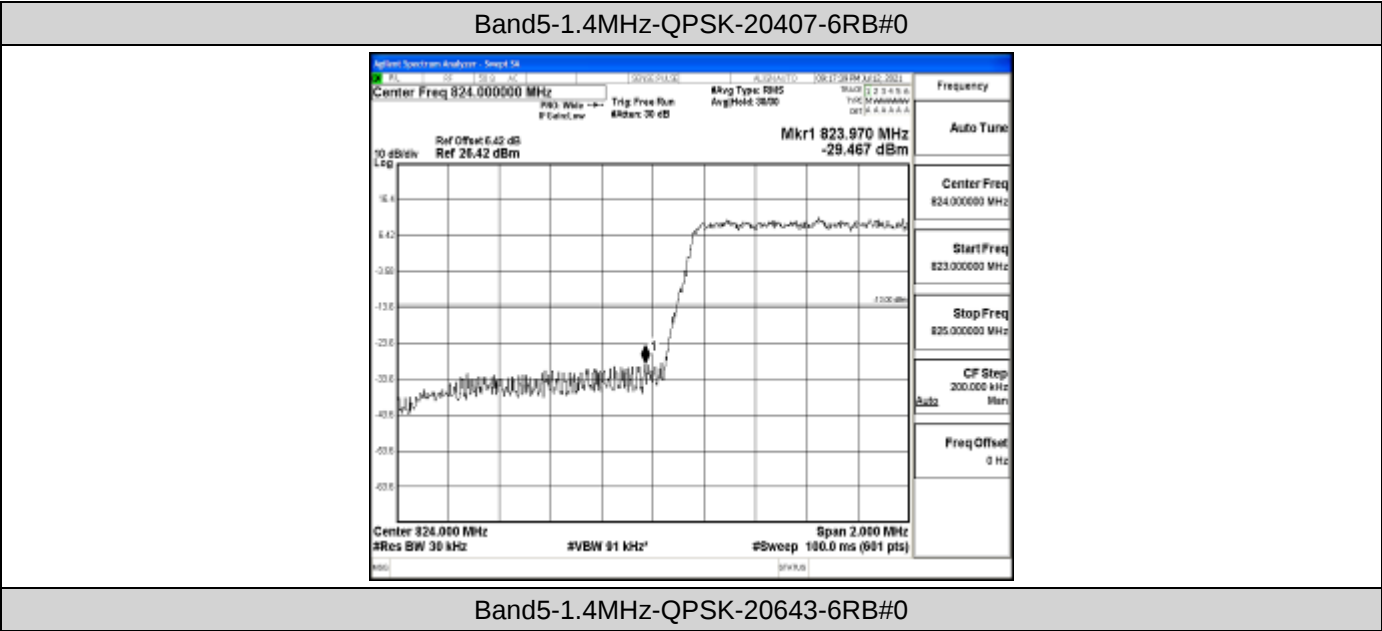


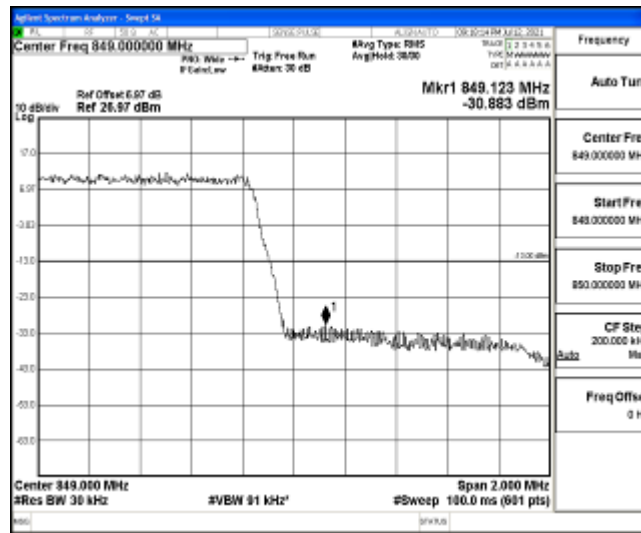
E.4 Band Edge

Test Result

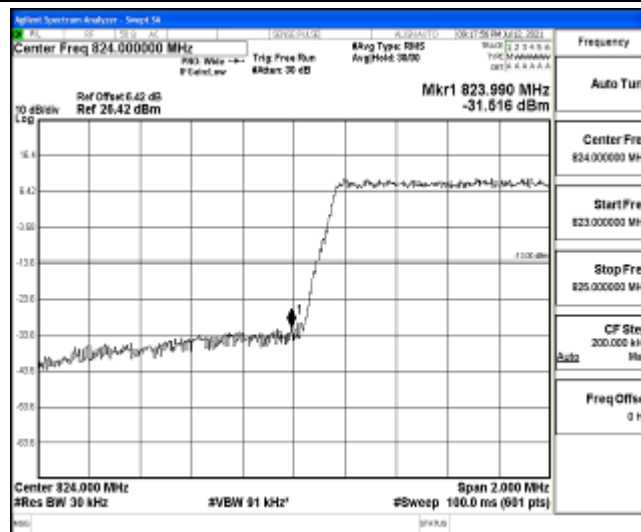
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-29.47	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-30.88	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-31.52	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-31.30	PASS
Band5	3MHz	QPSK	20415	15RB#0	-18.33	PASS
Band5	3MHz	QPSK	20635	15RB#0	-17.19	PASS
Band5	3MHz	16QAM	20415	15RB#0	-19.91	PASS
Band5	3MHz	16QAM	20635	15RB#0	-20.93	PASS
Band5	5MHz	QPSK	20425	25RB#0	-23.12	PASS
Band5	5MHz	QPSK	20625	25RB#0	-23.56	PASS
Band5	5MHz	16QAM	20425	25RB#0	-24.37	PASS
Band5	5MHz	16QAM	20625	25RB#0	-24.40	PASS
Band5	10MHz	QPSK	20450	50RB#0	-26.44	PASS
Band5	10MHz	QPSK	20600	50RB#0	-27.13	PASS
Band5	10MHz	16QAM	20450	50RB#0	-27.97	PASS
Band5	10MHz	16QAM	20600	50RB#0	-26.77	PASS

Test Graphs

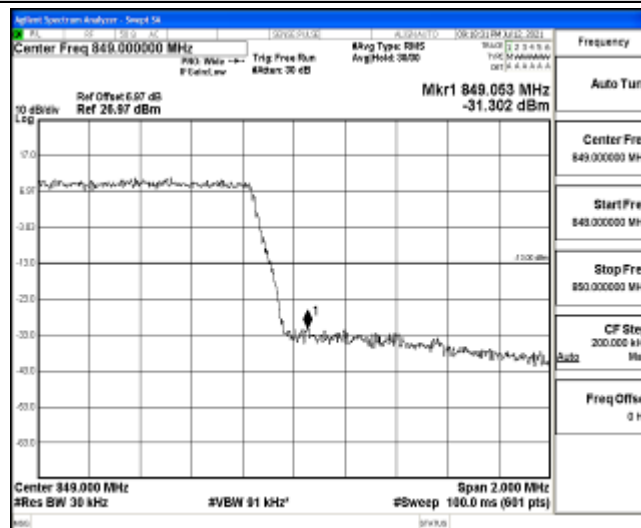




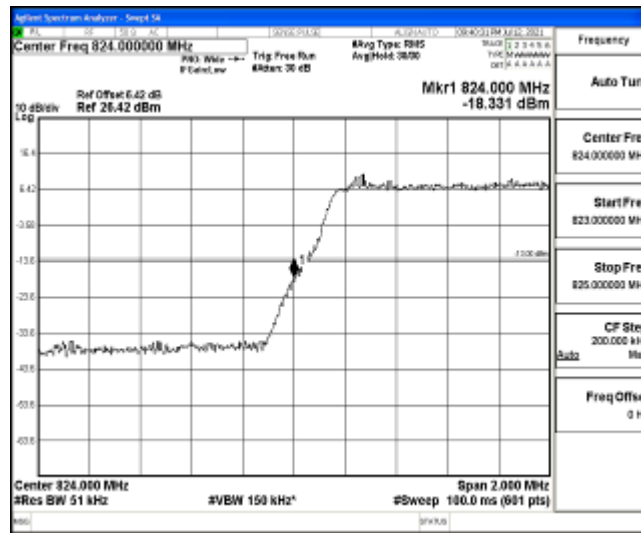
Band5-1.4MHz-16QAM-20407-6RB#0



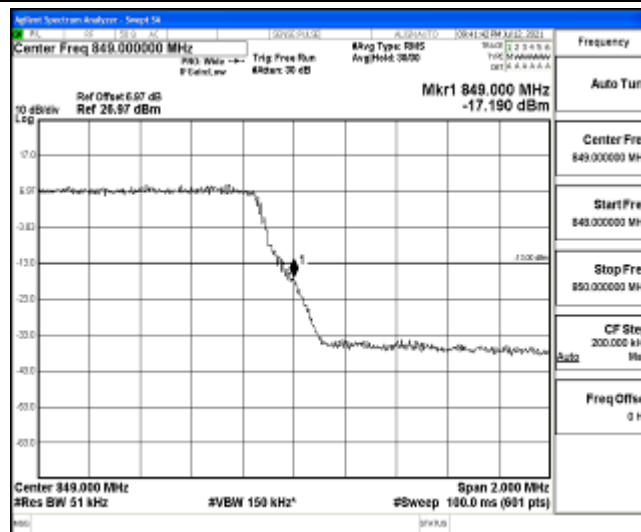
Band5-1.4MHz-16QAM-20643-6RB#0



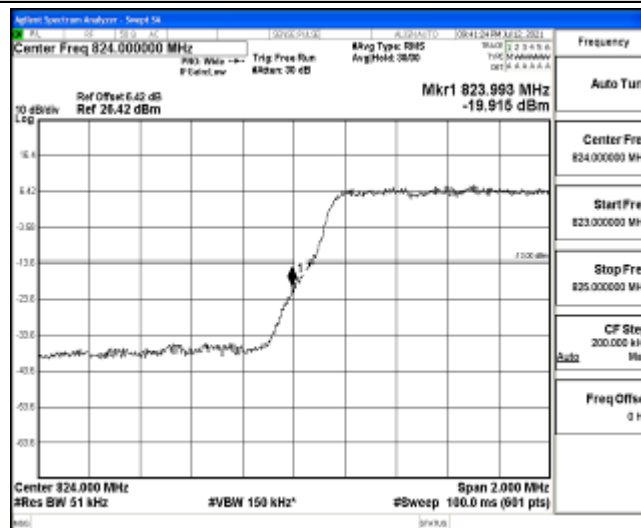
Band5-3MHz-QPSK-20415-15RB#0



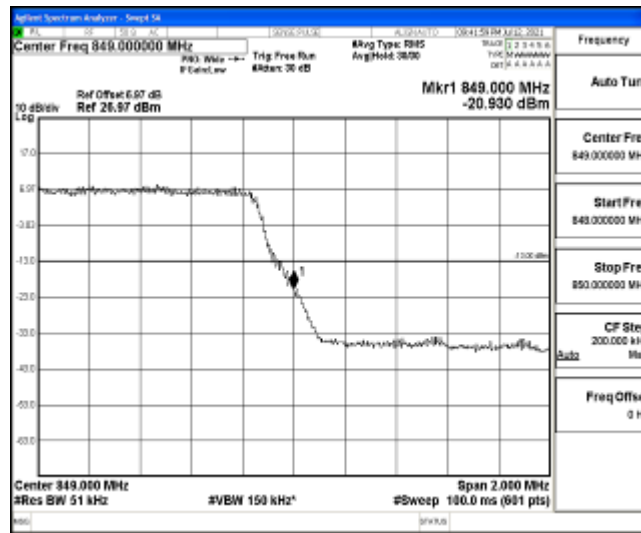
Band5-3MHz-QPSK-20635-15RB#0



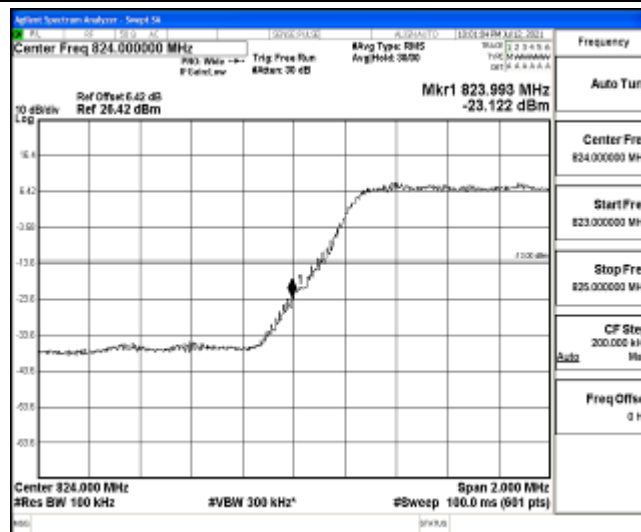
Band5-3MHz-16QAM-20415-15RB#0



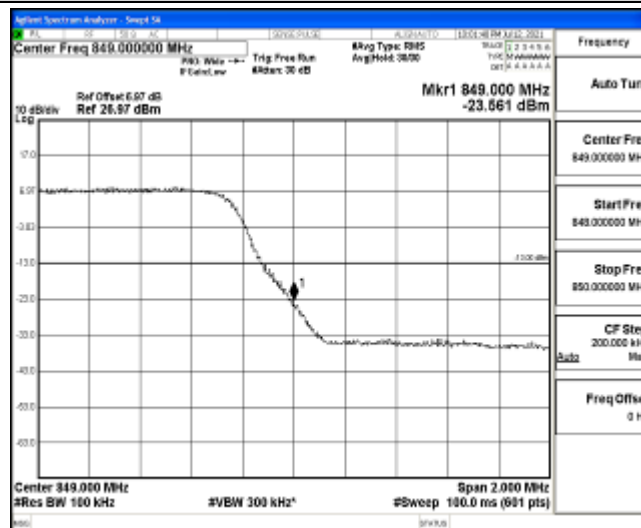
Band5-3MHz-16QAM-20635-15RB#0



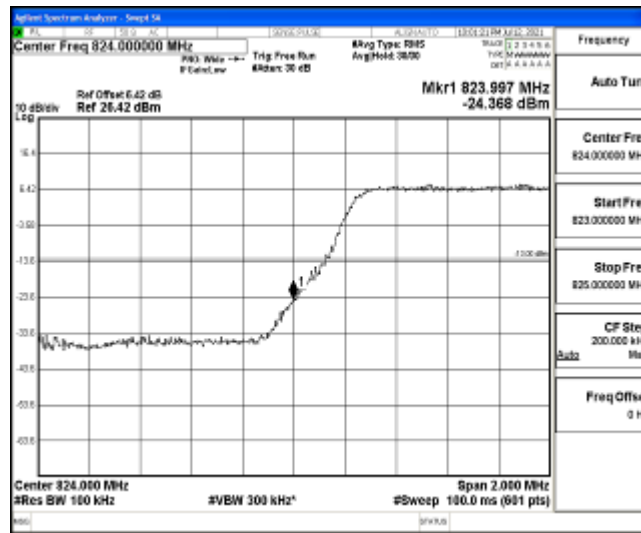
Band5-5MHz-QPSK-20425-25RB#0



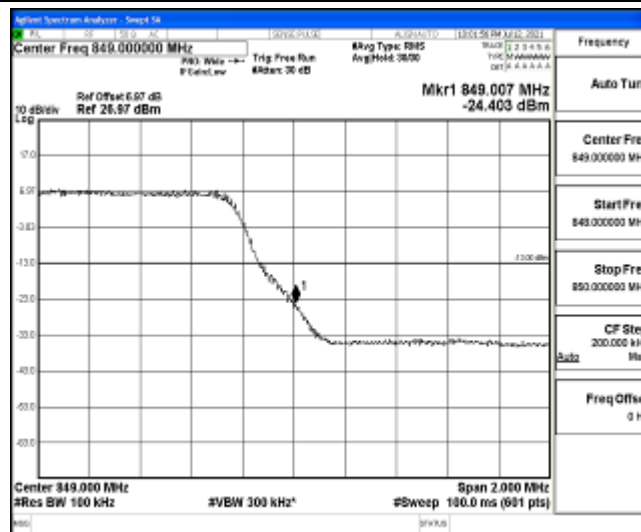
Band5-5MHz-QPSK-20625-25RB#0



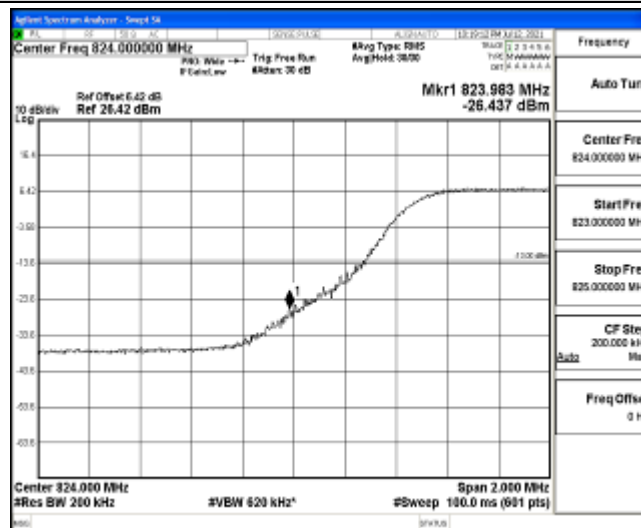
Band5-5MHz-16QAM-20425-25RB#0



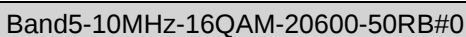
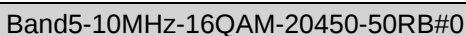
Band5-5MHz-16QAM-20625-25RB#0



Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20600-50RB#0





E.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:0.009~0.15MHz	-53.87	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:0.15~30MHz	-50.62	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range3:30~1000MHz	-41.65	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range4:1000~10000MHz	-44.53	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-54.64	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-50.16	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.2	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.46	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:0.009~0.15MHz	-55.07	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:0.15~30MHz	-51.22	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range3:30~1000MHz	-41.28	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range4:1000~10000MHz	-44.46	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:0.009~0.15MHz	-54.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:0.15~30MHz	-51.25	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range3:30~1000MHz	-41.11	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range4:1000~10000MHz	-44.52	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-54.6	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-50.31	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.88	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.48	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:0.009~0.15MHz	-55.67	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:0.15~30MHz	-49.21	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range3:30~1000MHz	-41.56	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range4:1000~10000MHz	-44.48	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:0.009~0.15MHz	-54.64	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:0.15~30MHz	-50.67	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range3:30~1000MHz	-40.62	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range4:1000~10000MHz	-44.53	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-54.78	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-52.17	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.74	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.23	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:0.009~0.15MHz	-54.67	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:0.15~30MHz	-51.18	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range3:30~1000MHz	-39.93	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range4:1000~10000MHz	-44.58	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:0.009~0.15MHz	-55.84	PASS



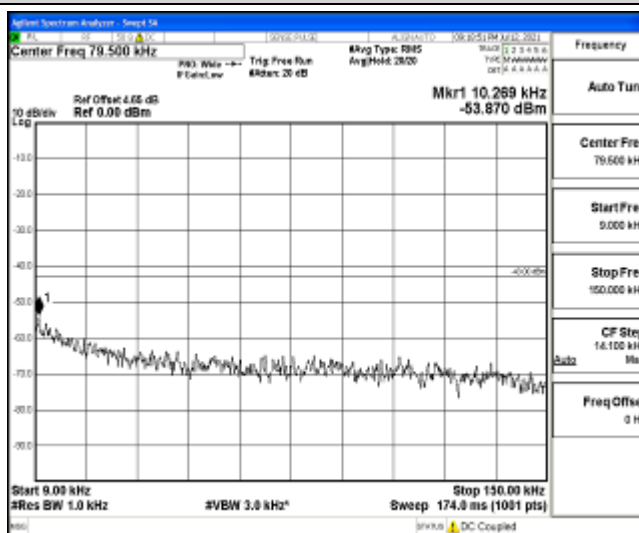
Band5	3MHz	16QAM	20415	1RB#0	Range2:0.15~30MHz	-50.61	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range3:30~1000MHz	-40.63	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range4:1000~10000MHz	-44.46	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-54.64	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-51.27	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-41.09	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.5	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:0.009~0.15MHz	-55.27	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:0.15~30MHz	-50.84	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range3:30~1000MHz	-40.98	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range4:1000~10000MHz	-44.5	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:0.009~0.15MHz	-54.12	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:0.15~30MHz	-50.09	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range3:30~1000MHz	-41.43	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range4:1000~10000MHz	-44.47	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.57	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-49.28	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.98	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.54	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:0.009~0.15MHz	-55.97	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:0.15~30MHz	-51.27	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range3:30~1000MHz	-41.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range4:1000~10000MHz	-44.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:0.009~0.15MHz	-54.9	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:0.15~30MHz	-51.12	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range3:30~1000MHz	-41.11	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range4:1000~10000MHz	-44.48	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-54.93	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-48.72	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-41.3	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.44	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:0.009~0.15MHz	-54.66	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:0.15~30MHz	-50.36	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range3:30~1000MHz	-41.31	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range4:1000~10000MHz	-44.36	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:0.009~0.15MHz	-55.27	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:0.15~30MHz	-50.95	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range3:30~1000MHz	-40.92	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range4:1000~10000MHz	-44.46	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-56.34	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.02	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.77	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.34	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:0.009~0.15MHz	-52.54	PASS



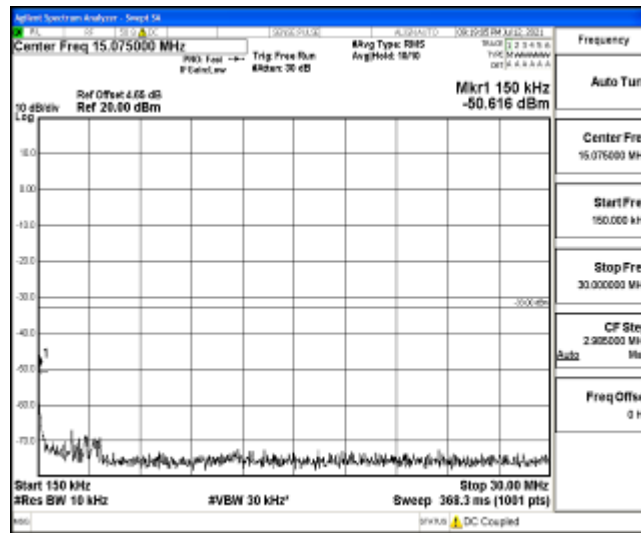
Band5	10MHz	QPSK	20600	1RB#0	Range2:0.15~30MHz	-50.03	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range3:30~1000MHz	-39.74	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range4:1000~10000MHz	-44.43	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:0.009~0.15MHz	-55.16	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:0.15~30MHz	-52	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range3:30~1000MHz	-40.54	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range4:1000~10000MHz	-44.48	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-54.26	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-50.21	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-39.46	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.48	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:0.009~0.15MHz	-51.68	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:0.15~30MHz	-51.64	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range3:30~1000MHz	-40.83	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range4:1000~10000MHz	-44.53	PASS

Test Graphs

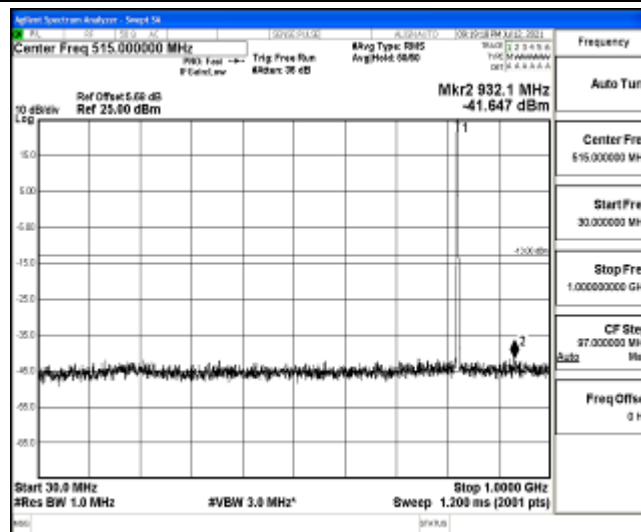
Band5-1.4MHz-QPSK-20407-1RB#0-Range1:0.009~0.15MHz



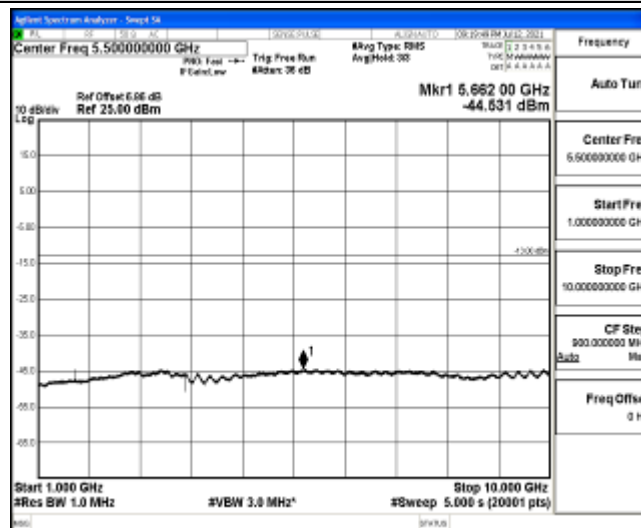
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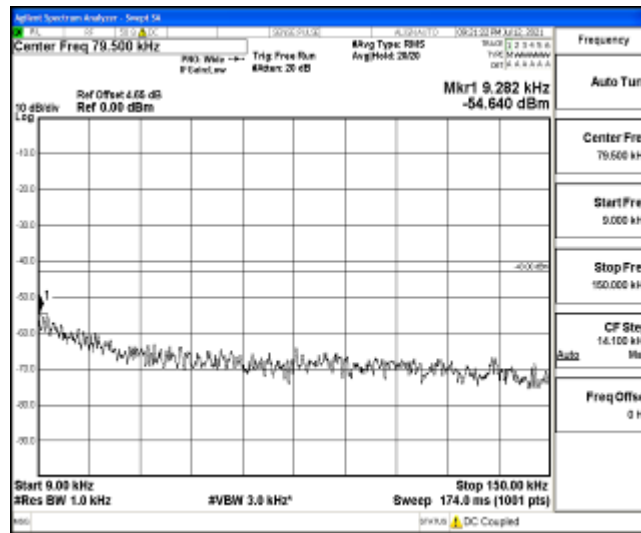
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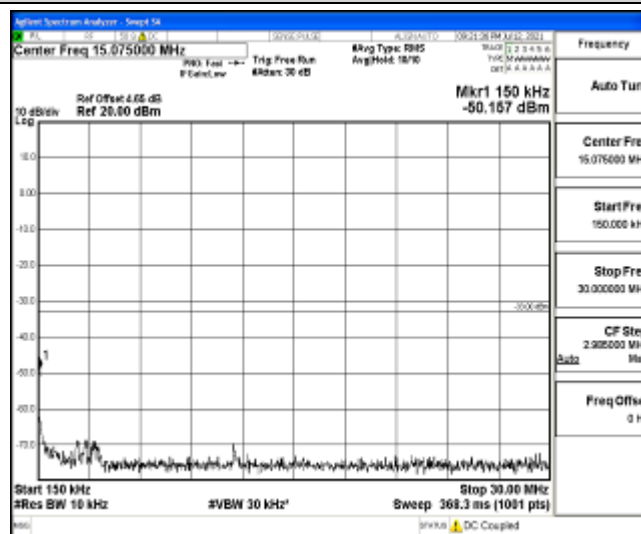
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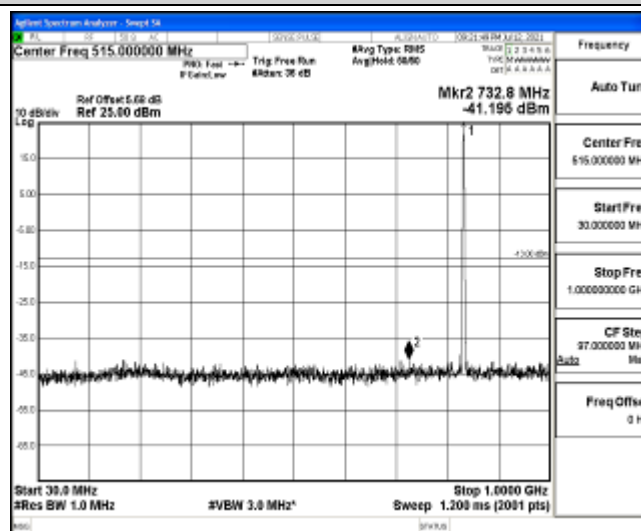
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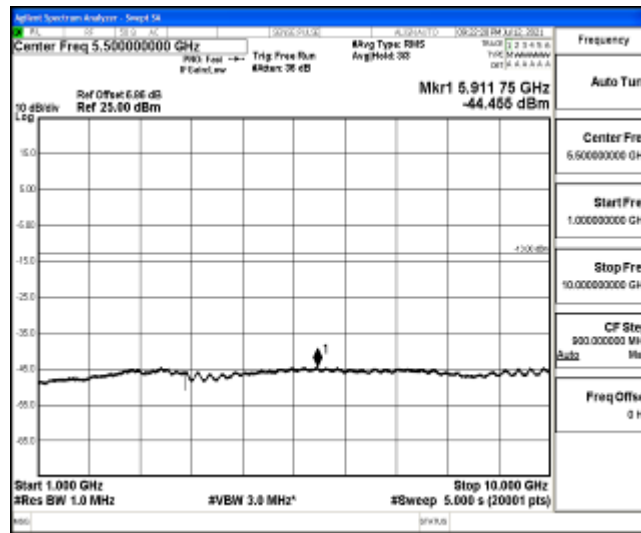
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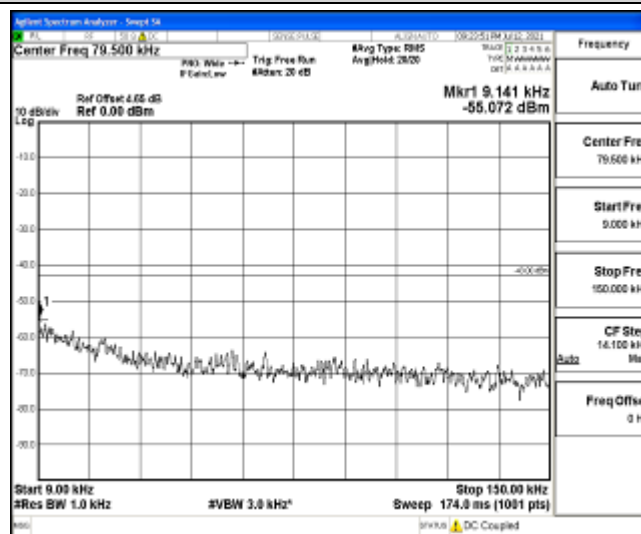
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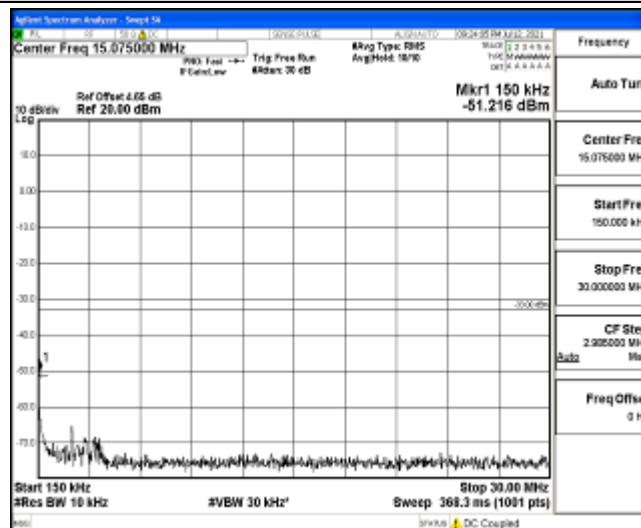
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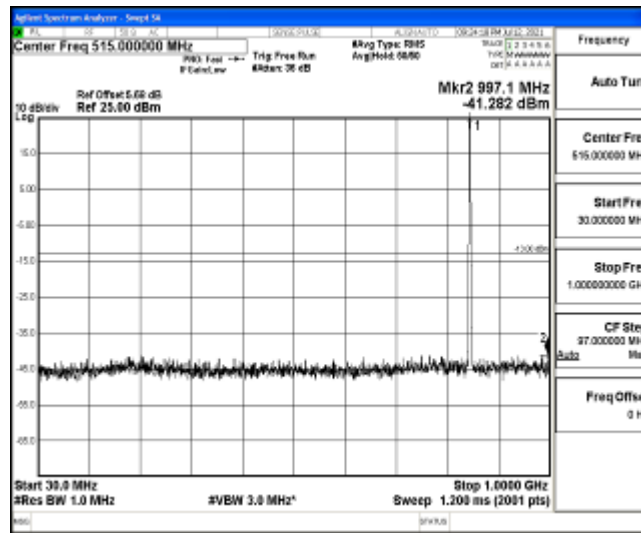
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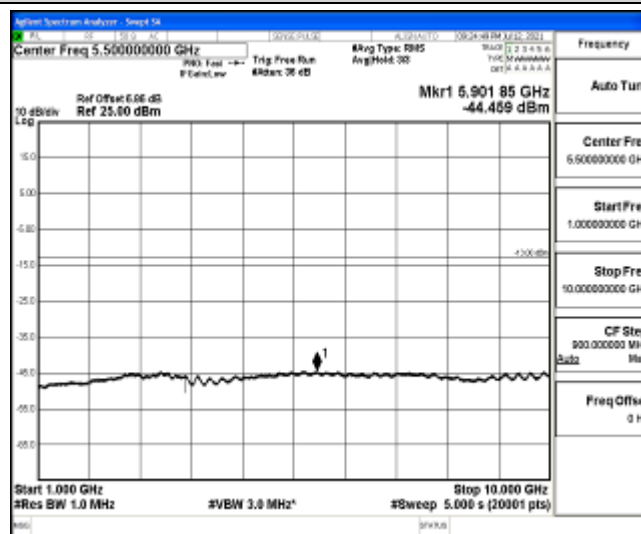
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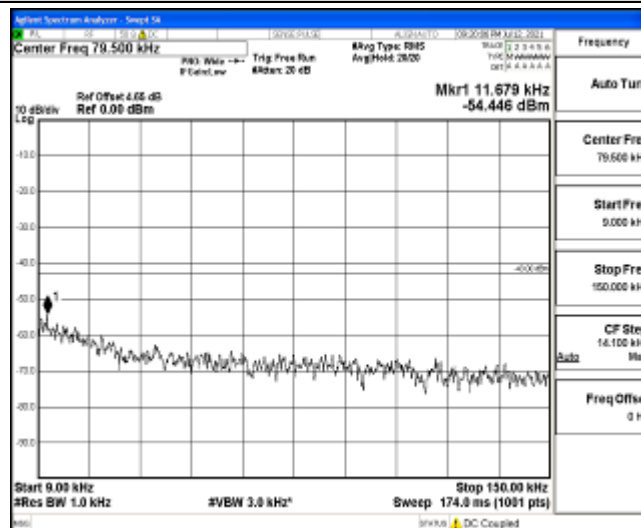
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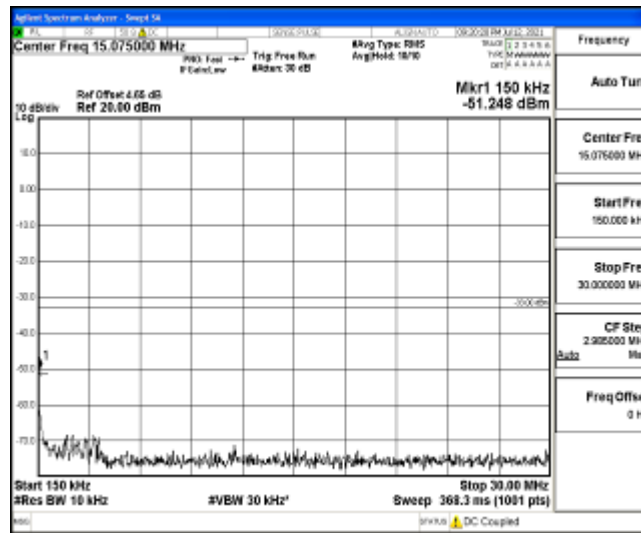
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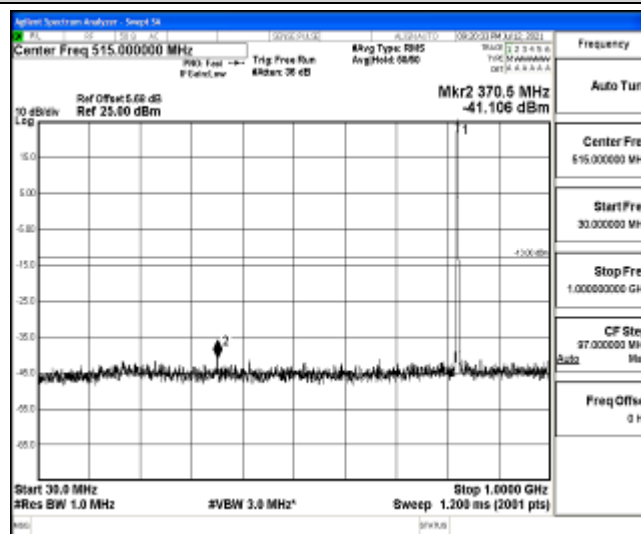
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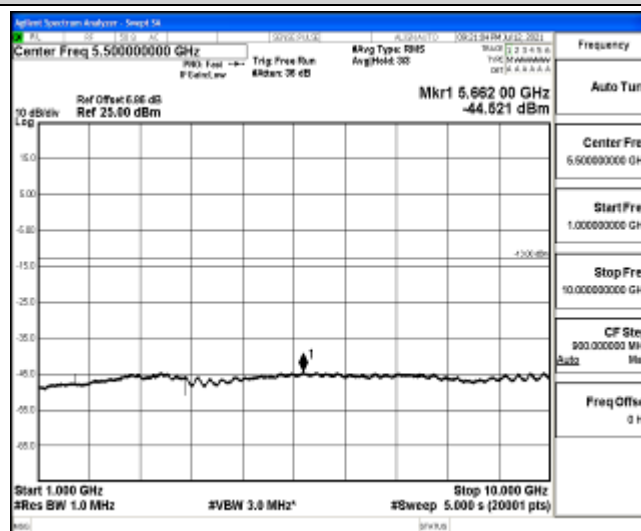
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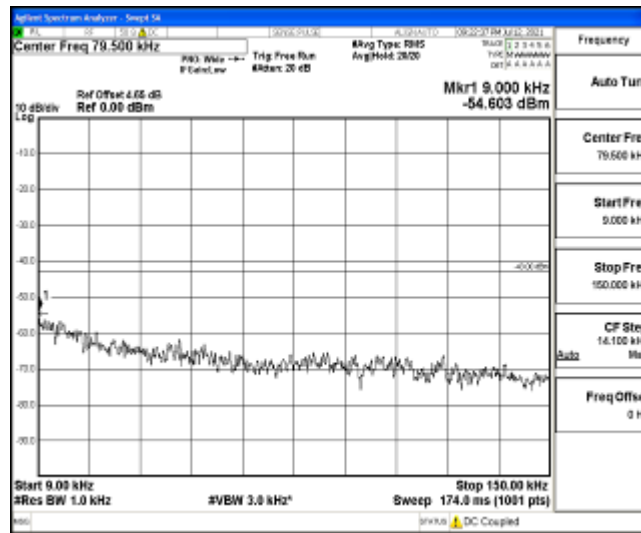
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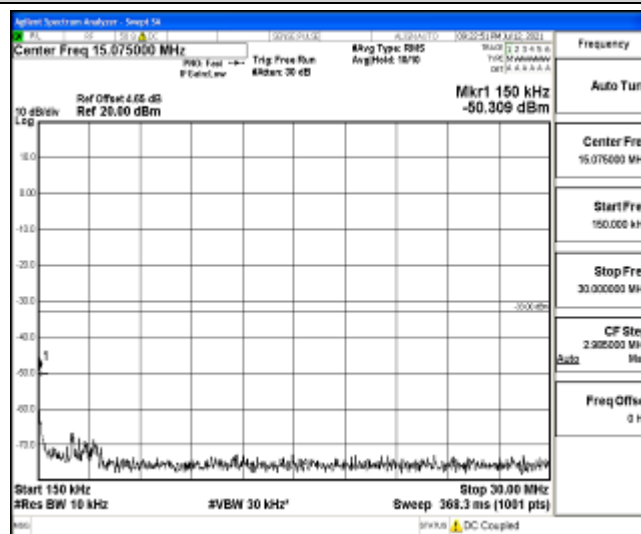
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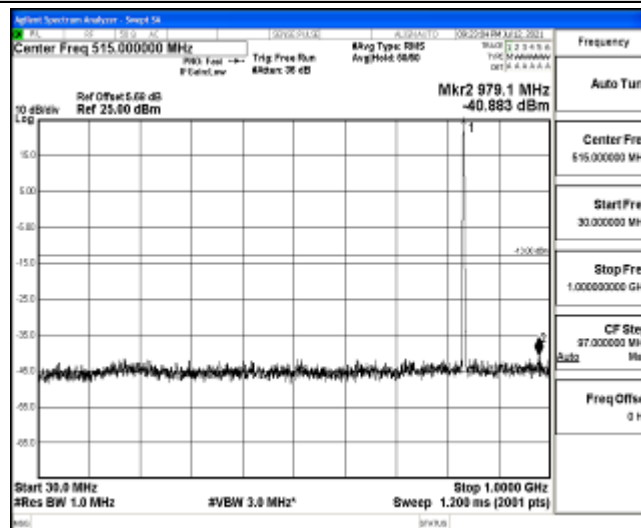
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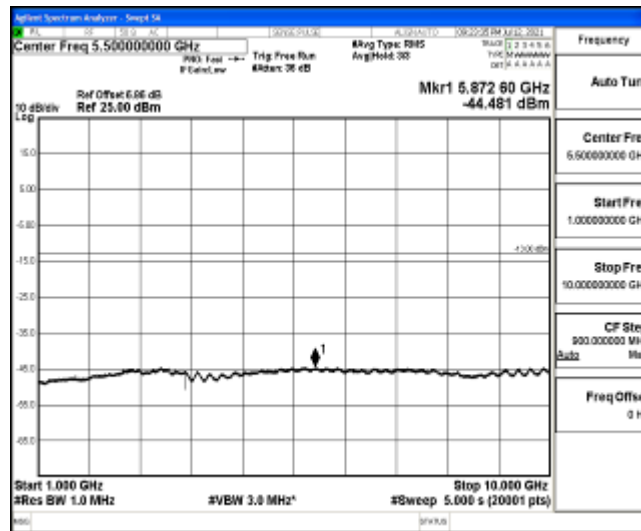
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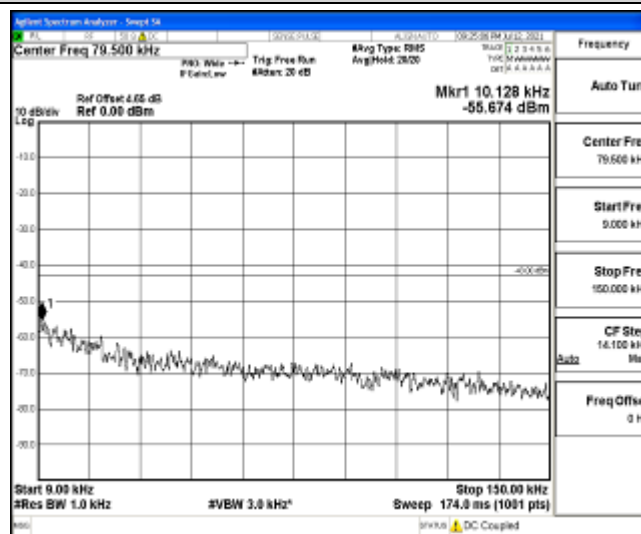
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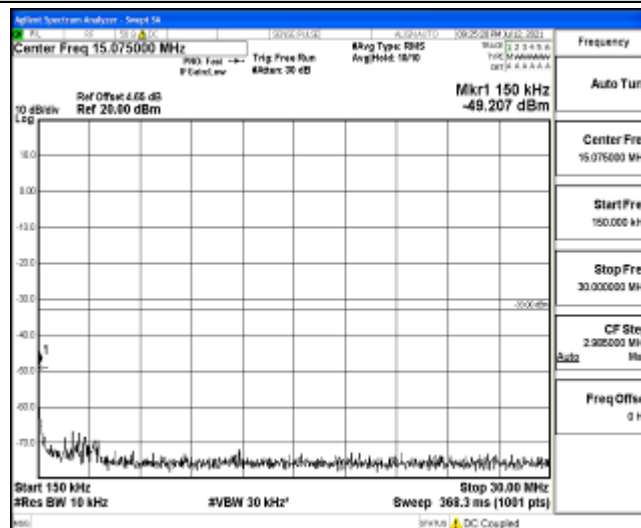
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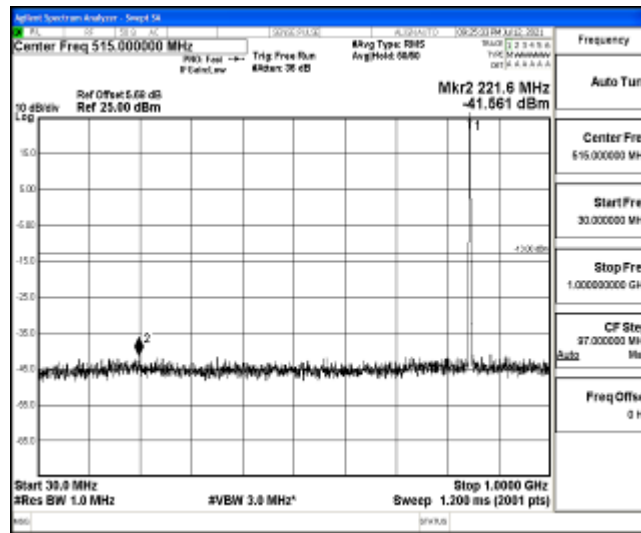
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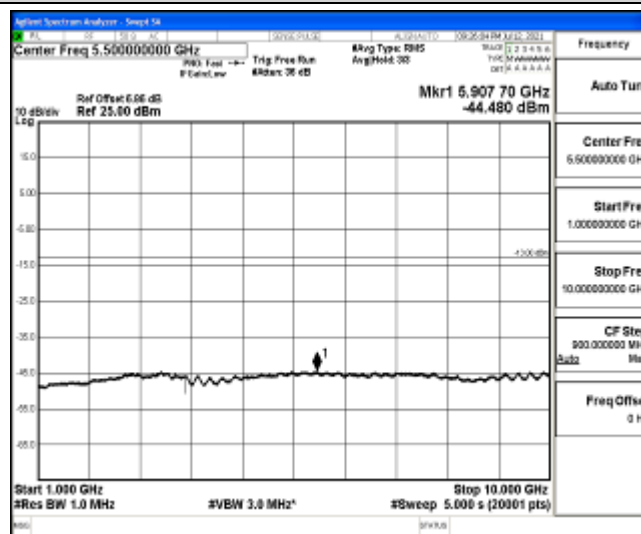
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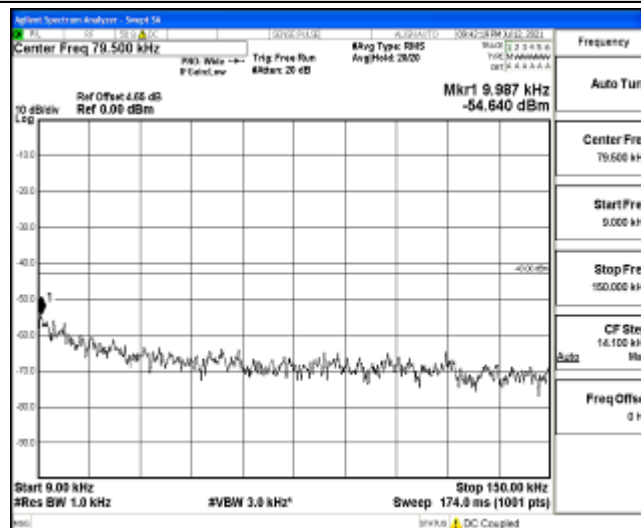
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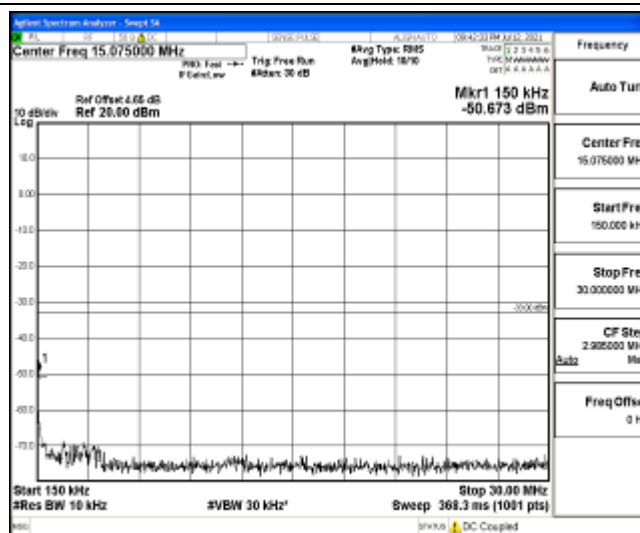
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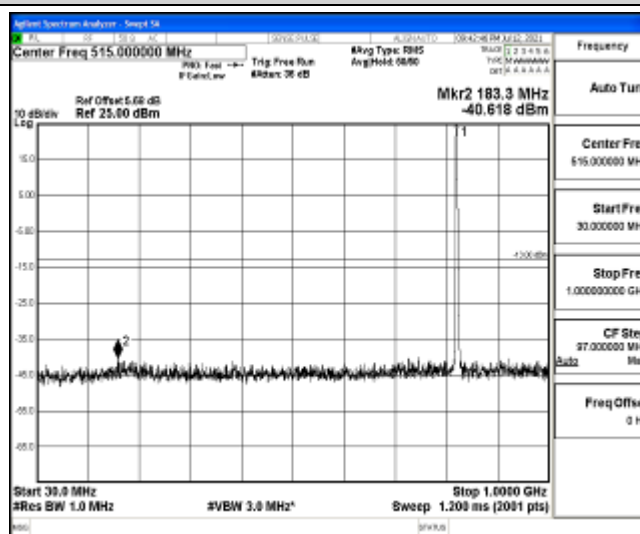
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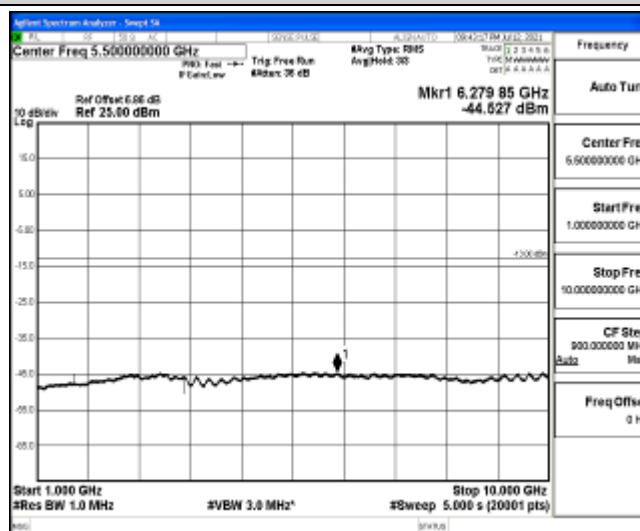
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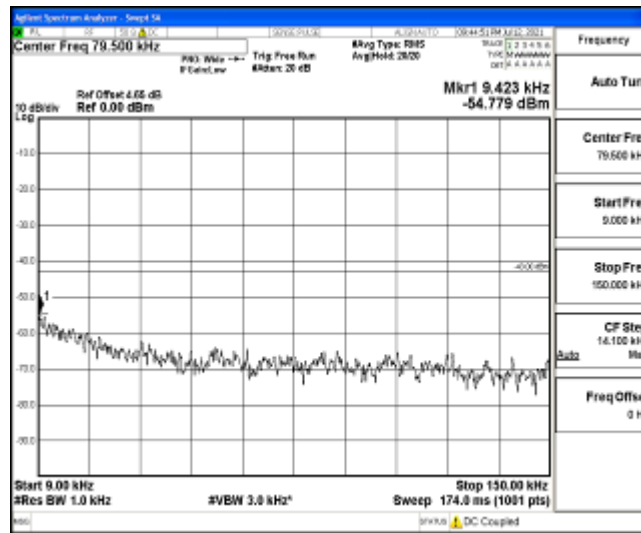
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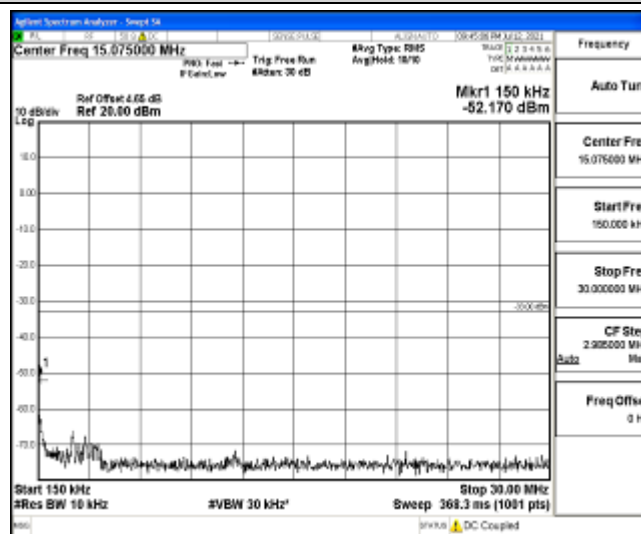
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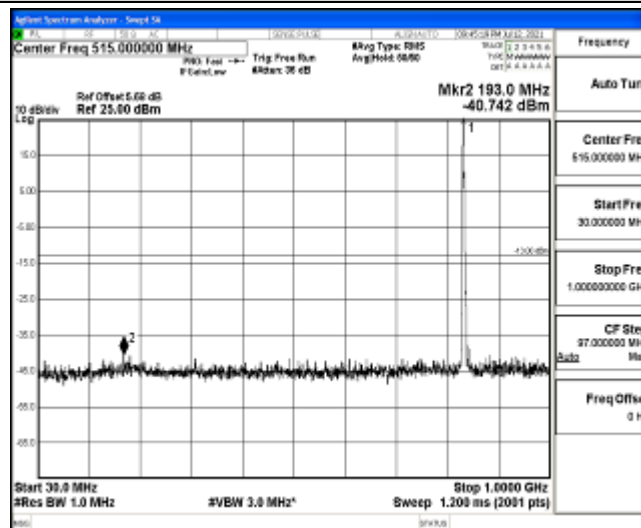
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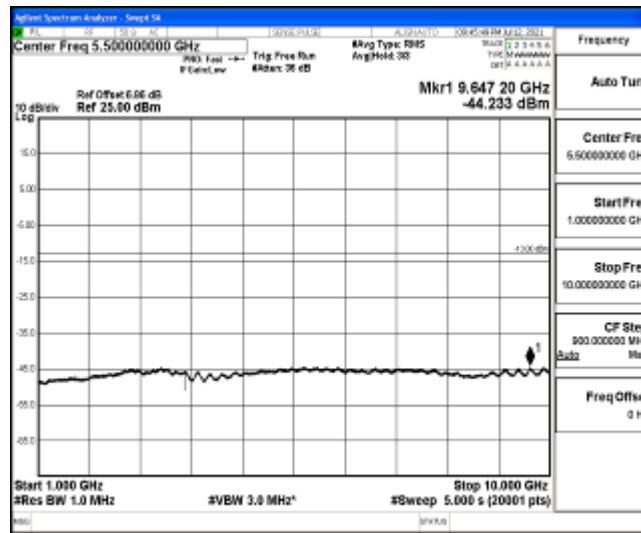
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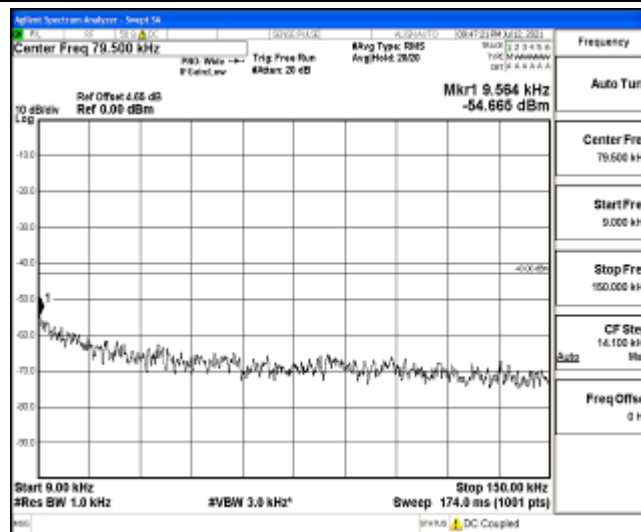
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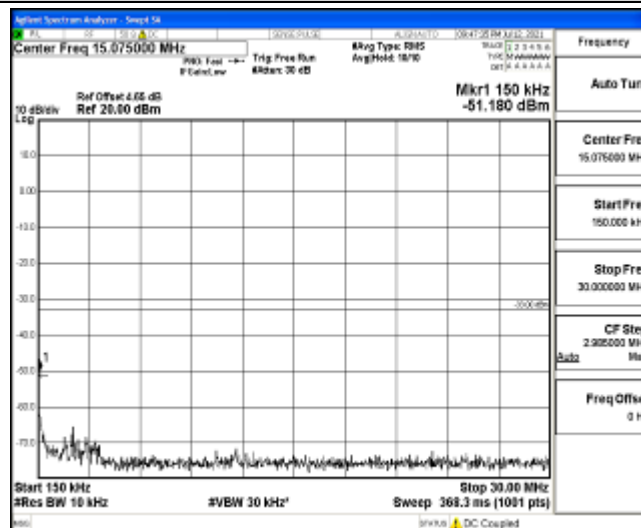
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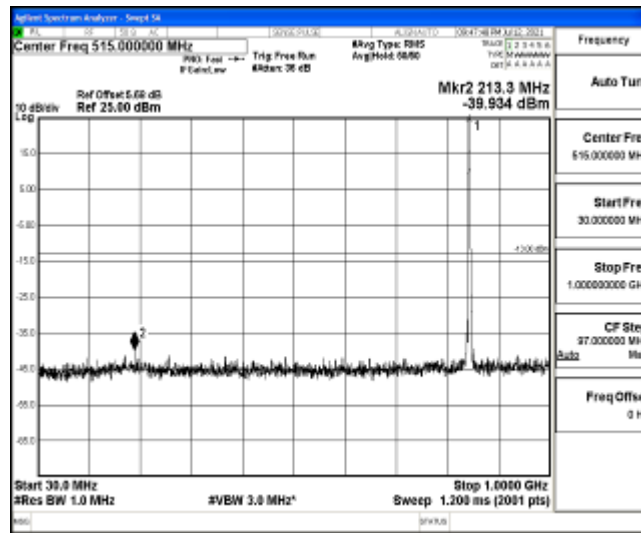
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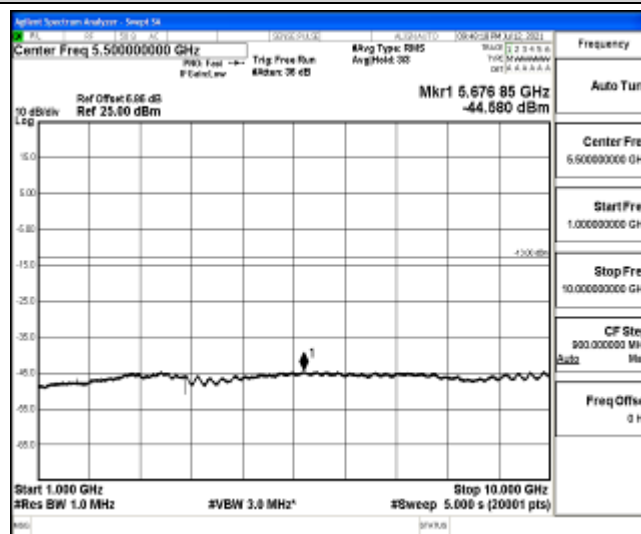
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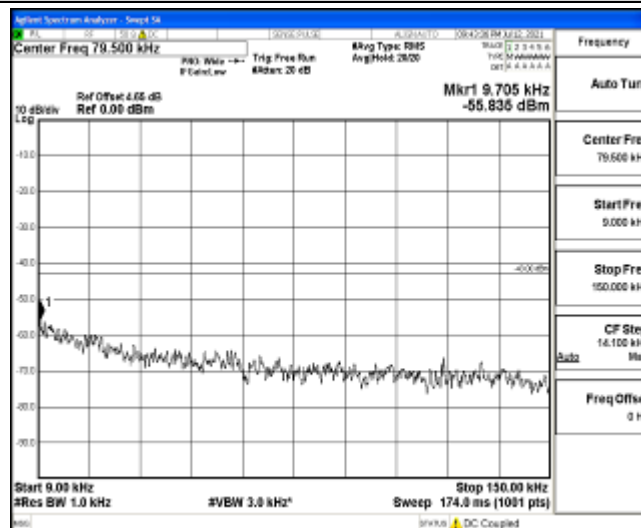
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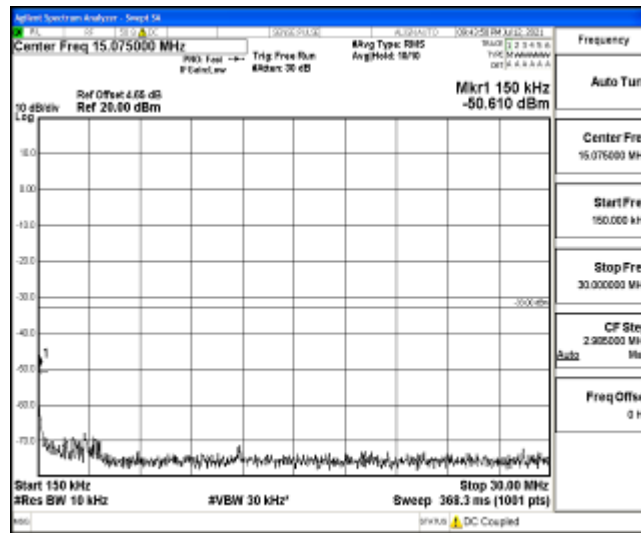
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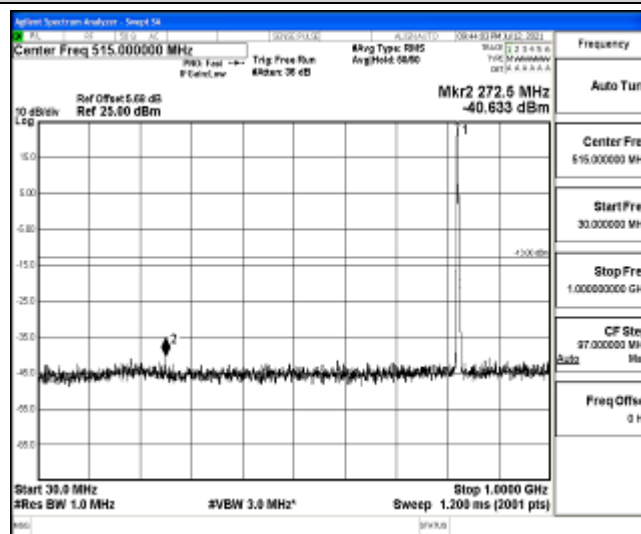
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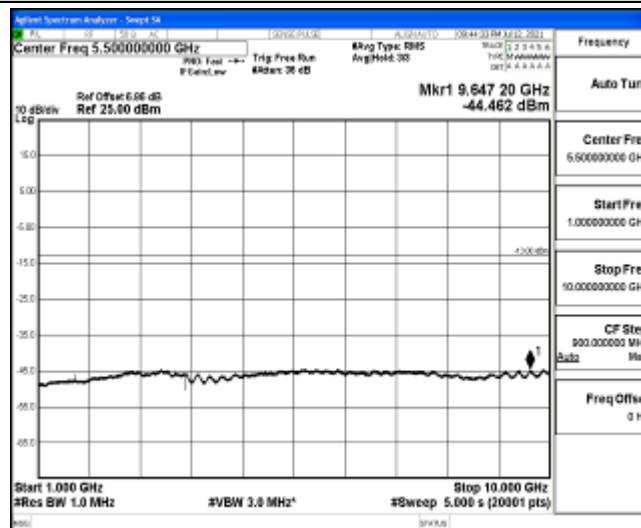
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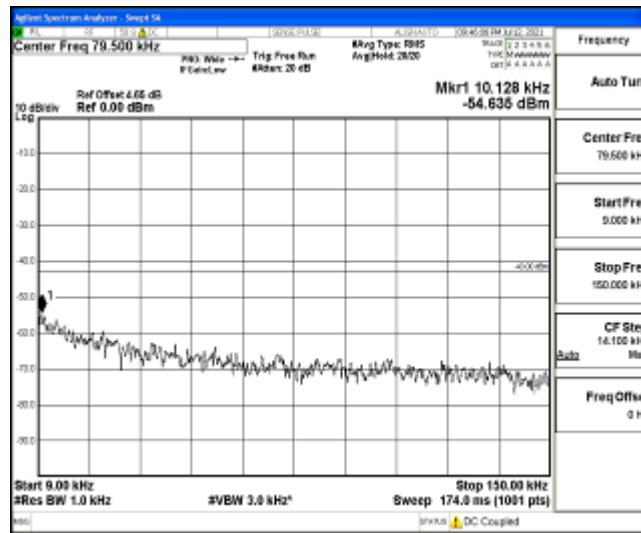
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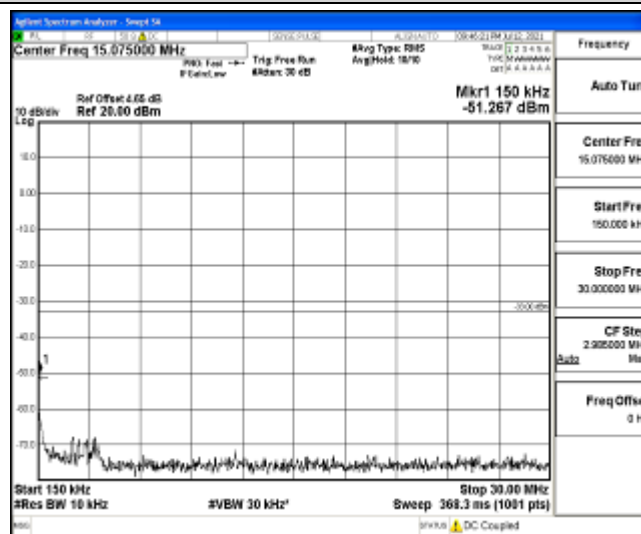
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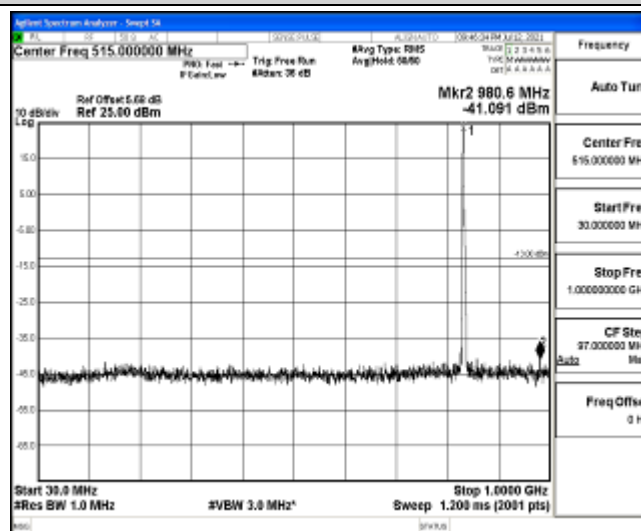
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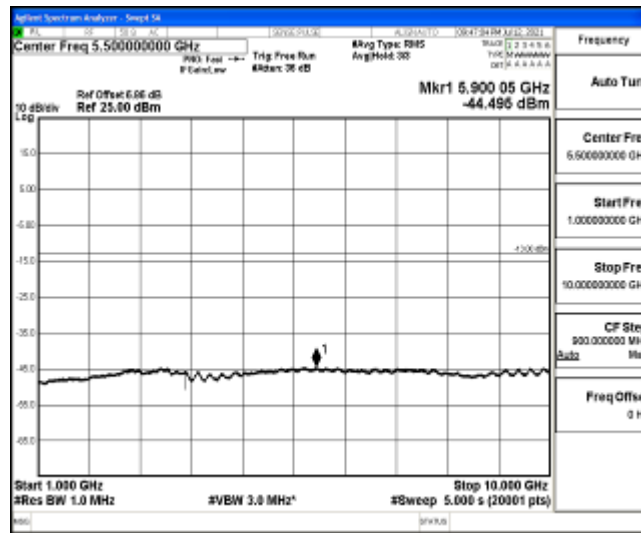
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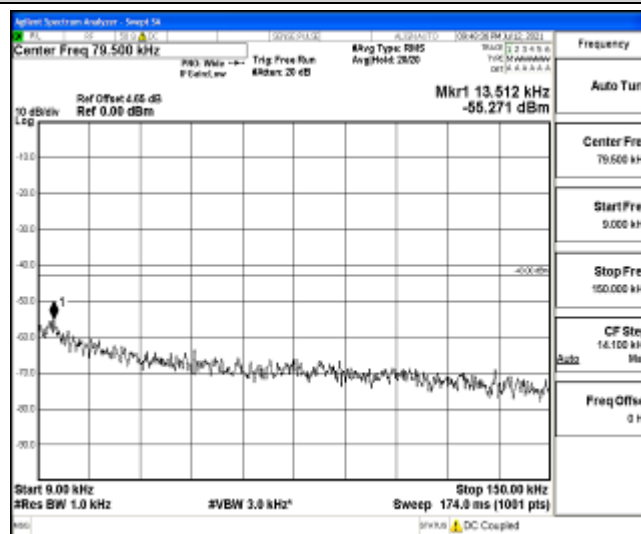
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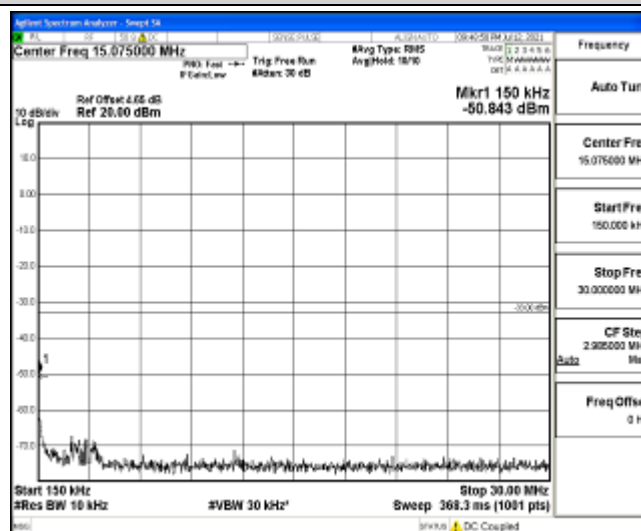
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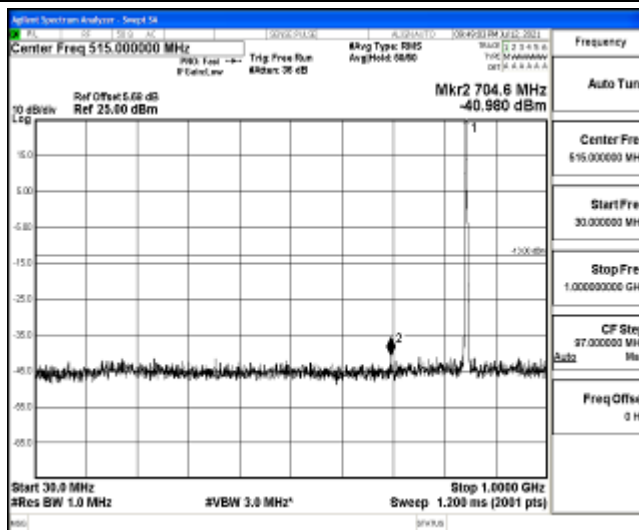
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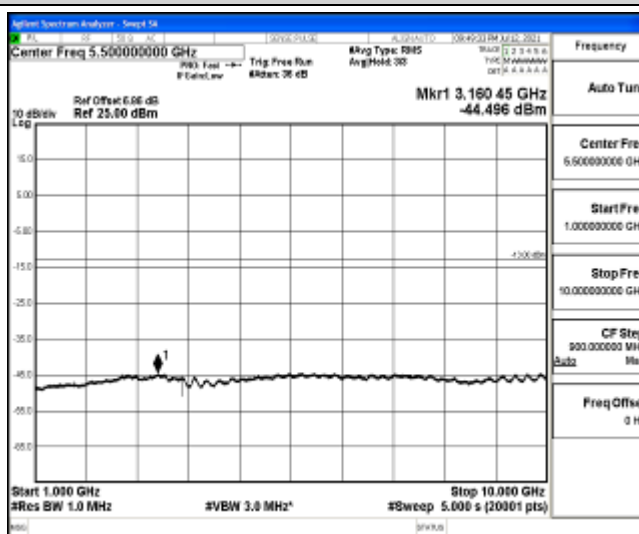
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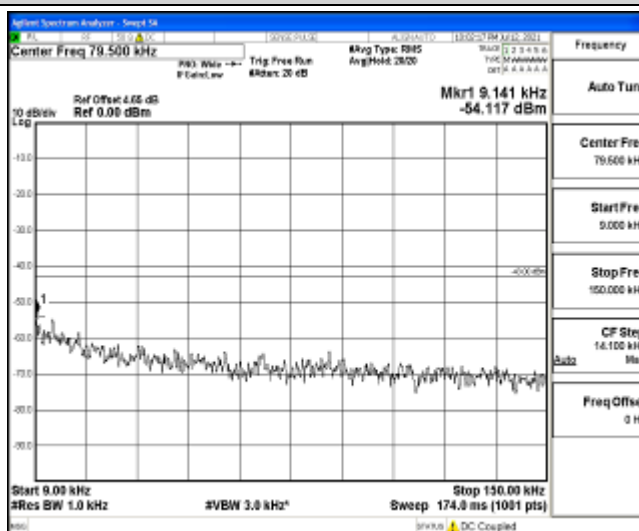
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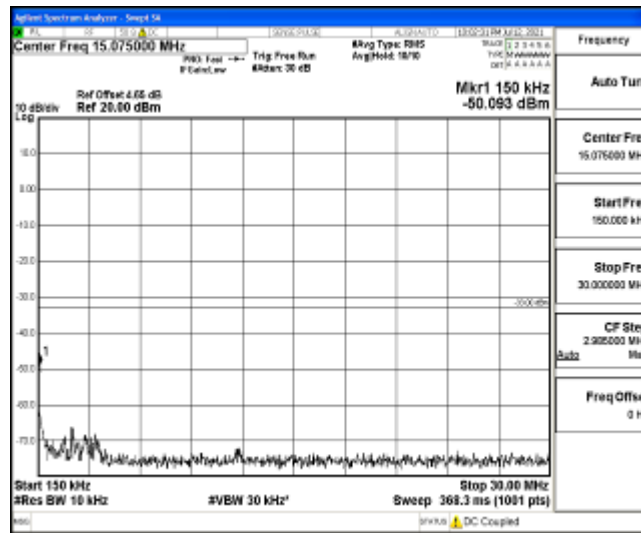
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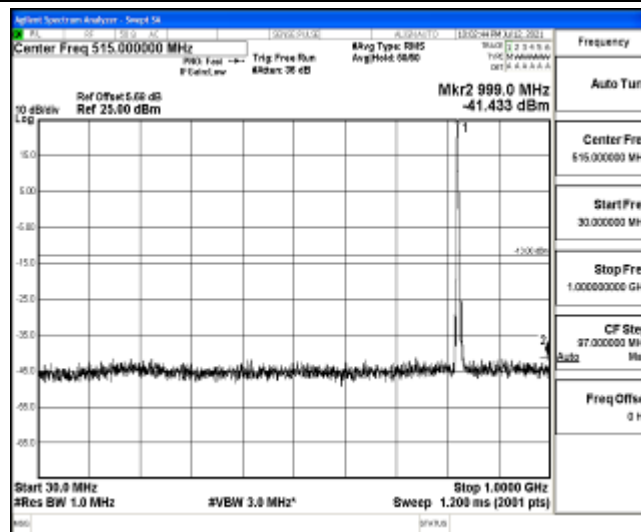
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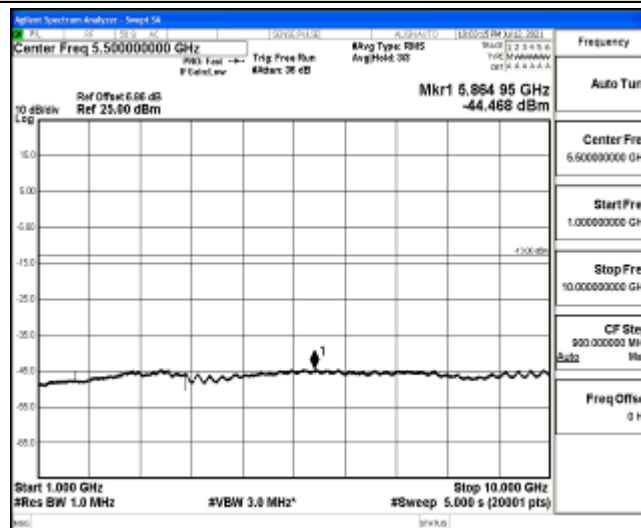
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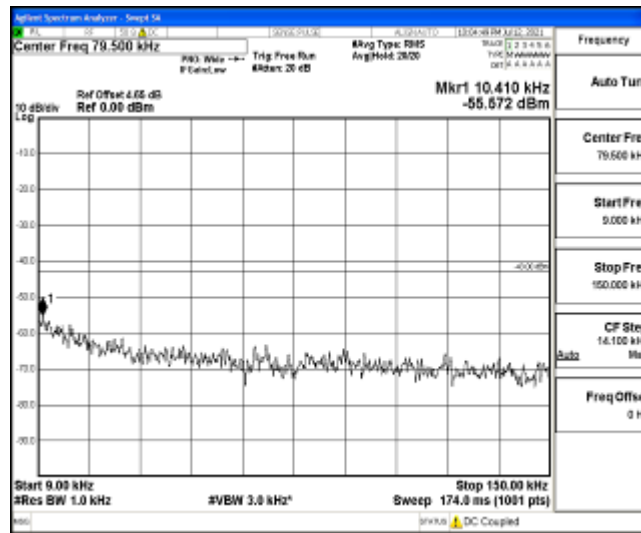
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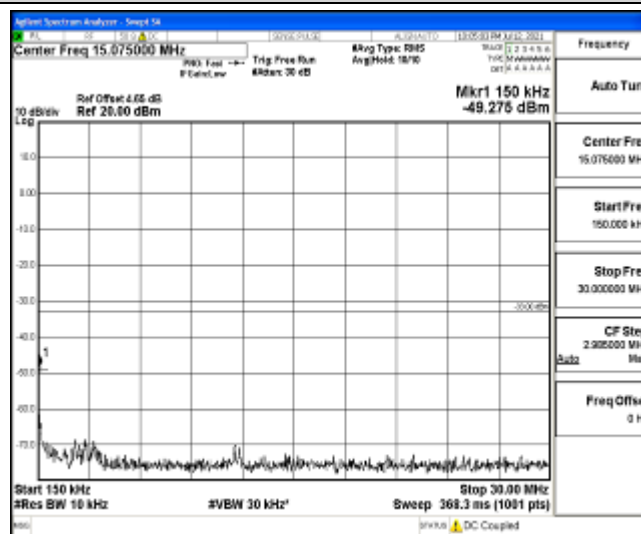
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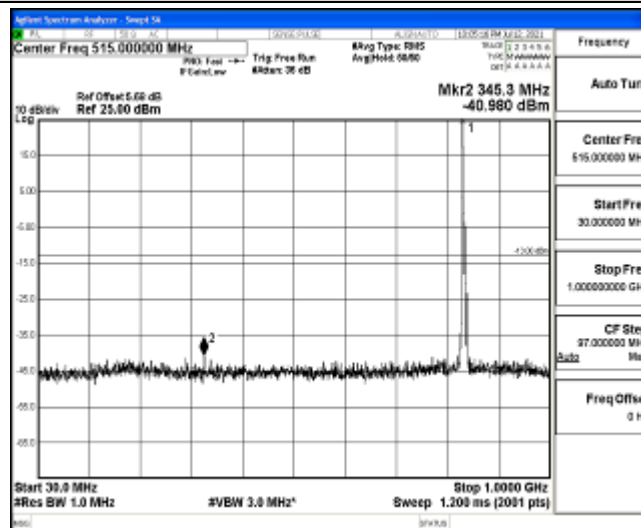
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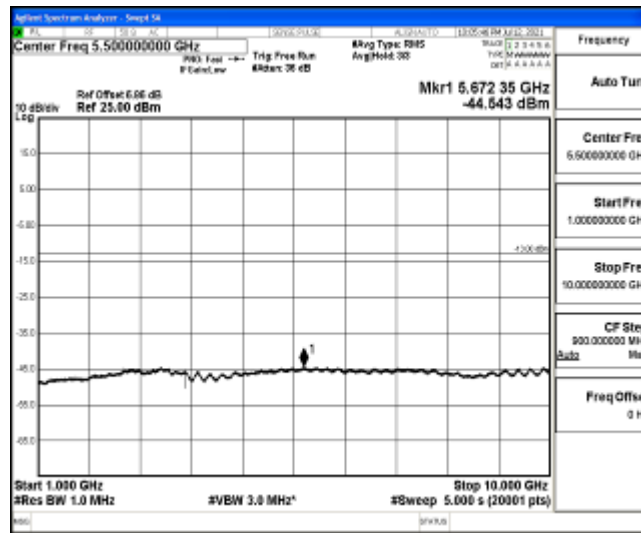
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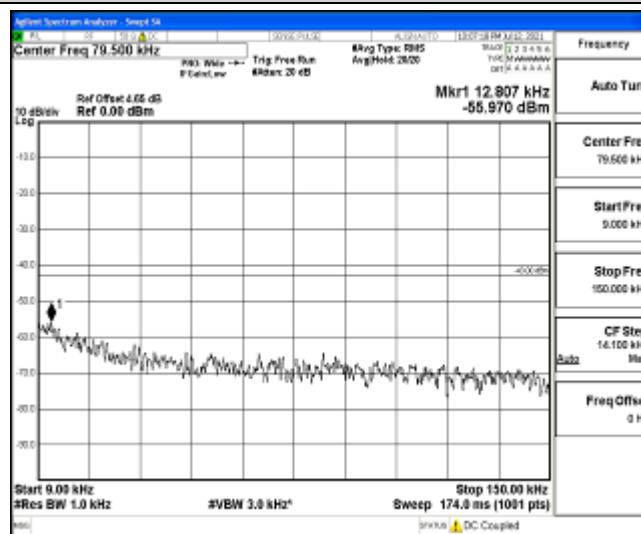
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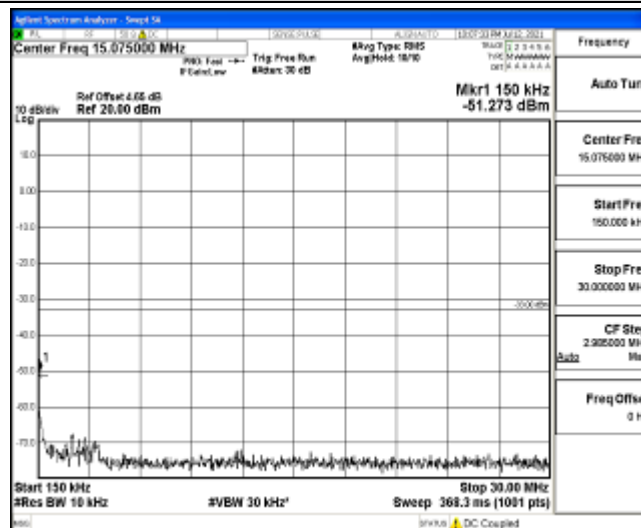
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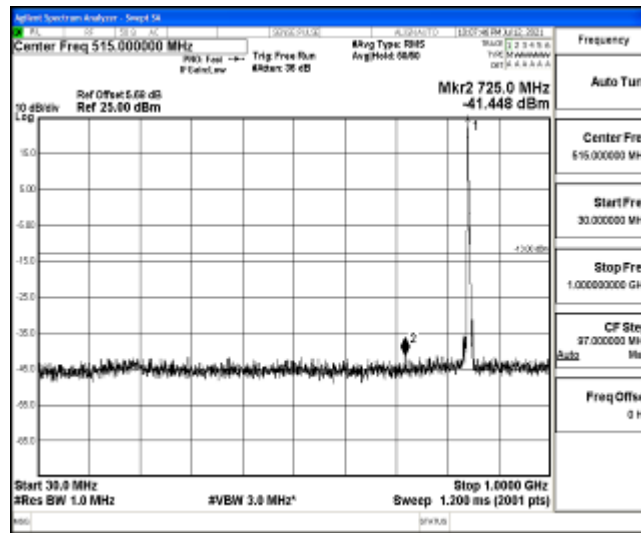
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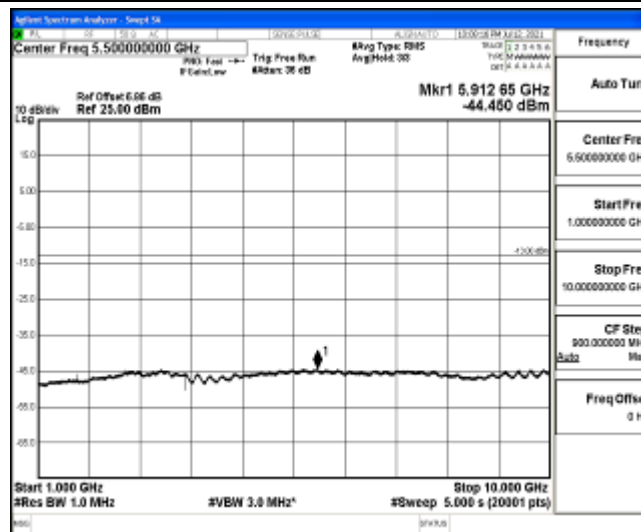
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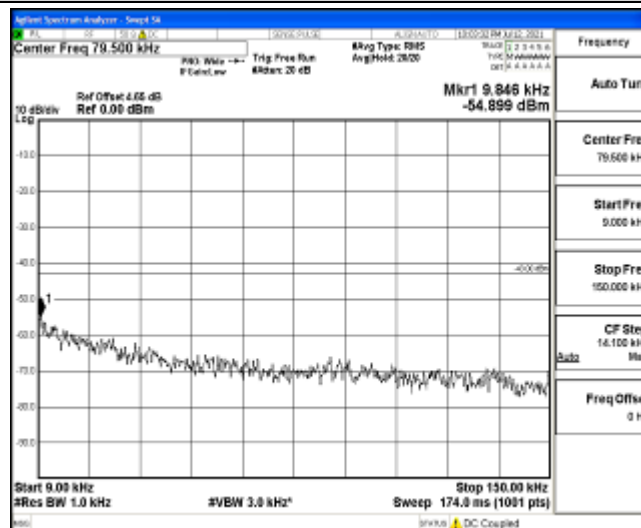
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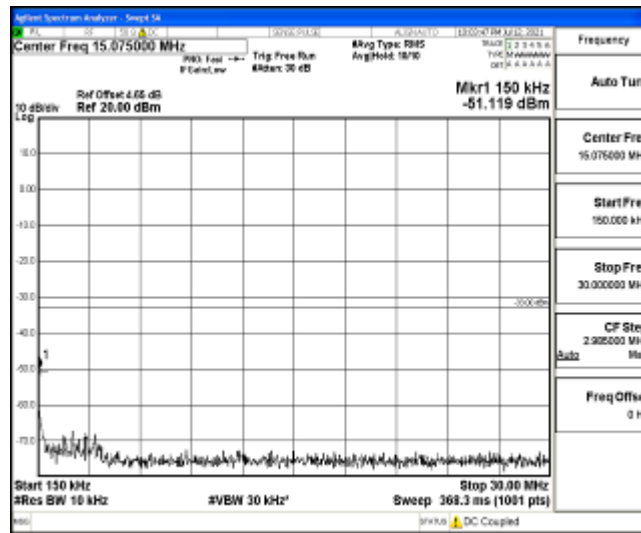
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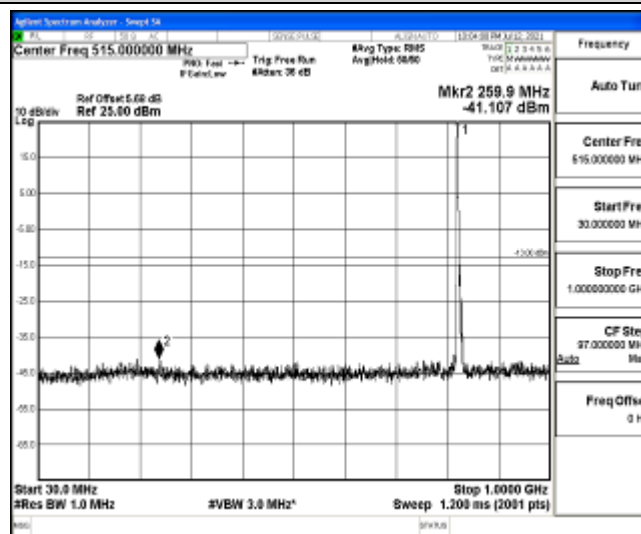
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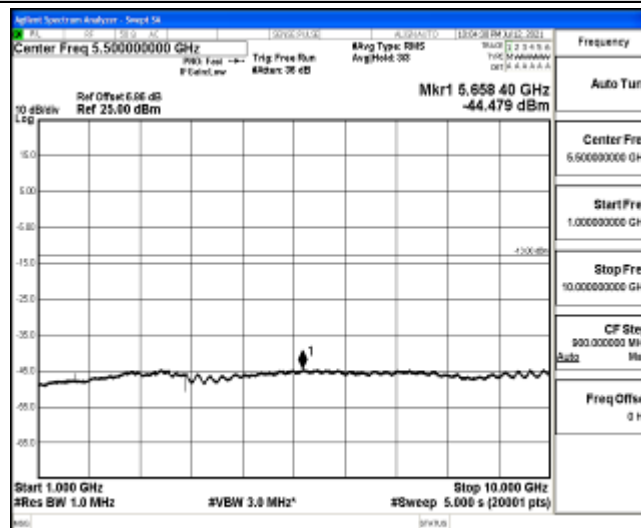
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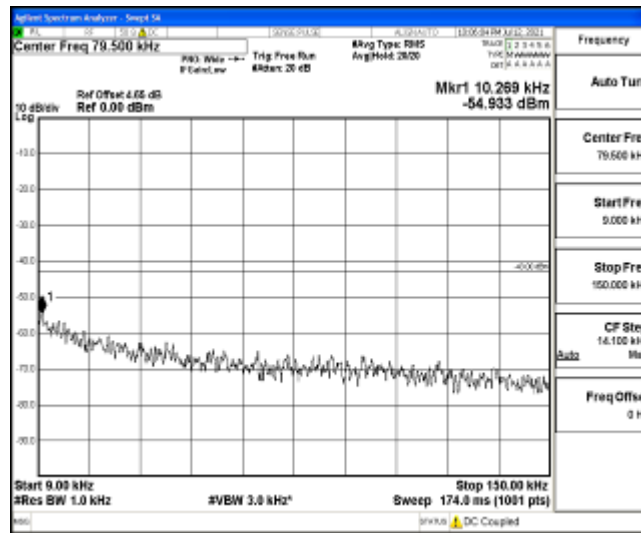
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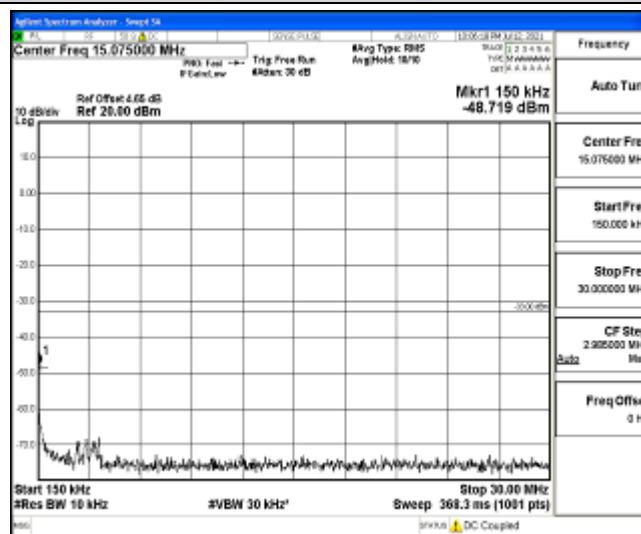
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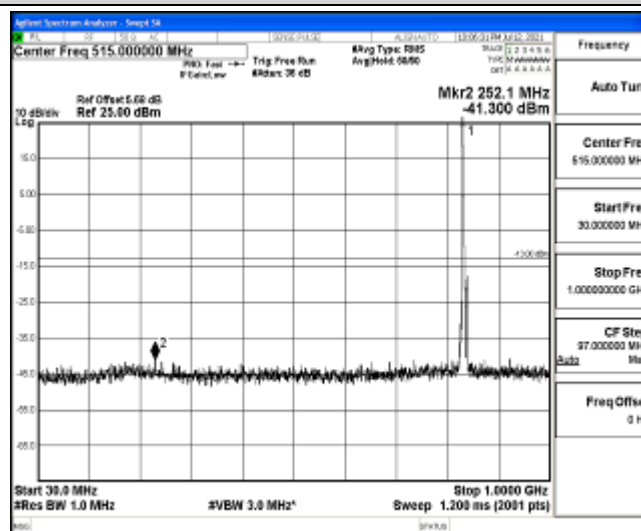
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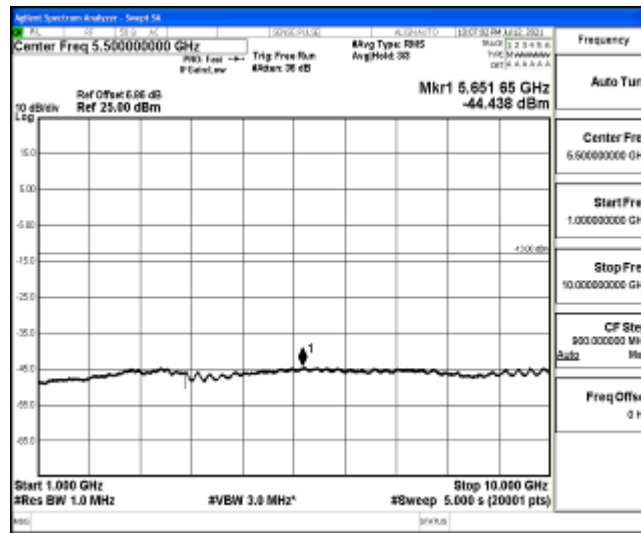
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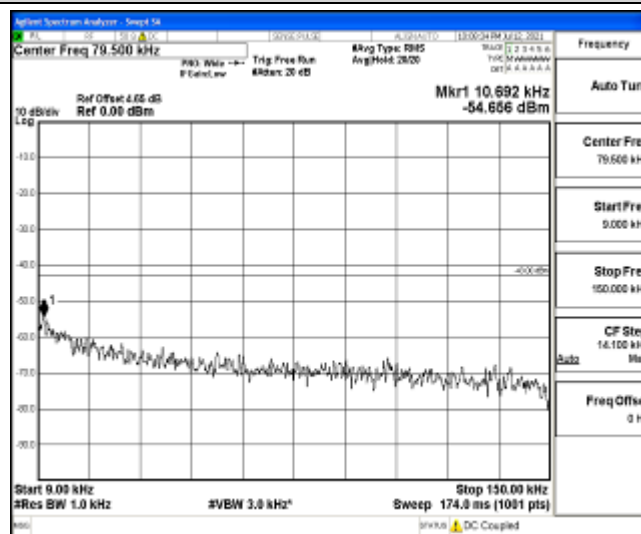
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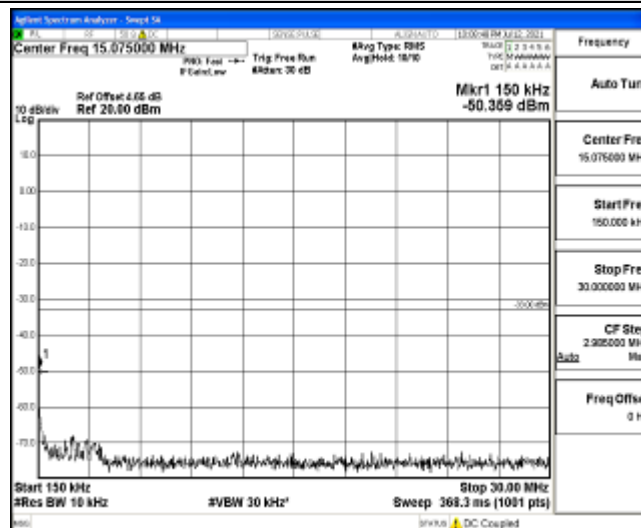
Band5-5MHz-16QAM-20525-1RB#0-Range4:1000~10000MHz



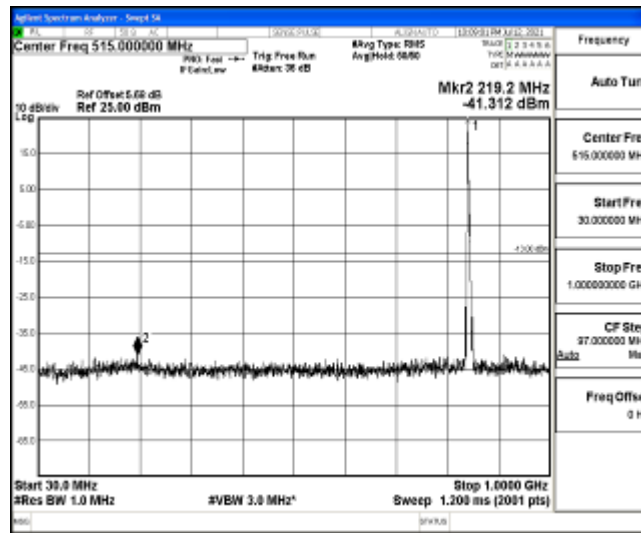
Band5-5MHz-16QAM-20625-1RB#0-Range1:0.009~0.15MHz



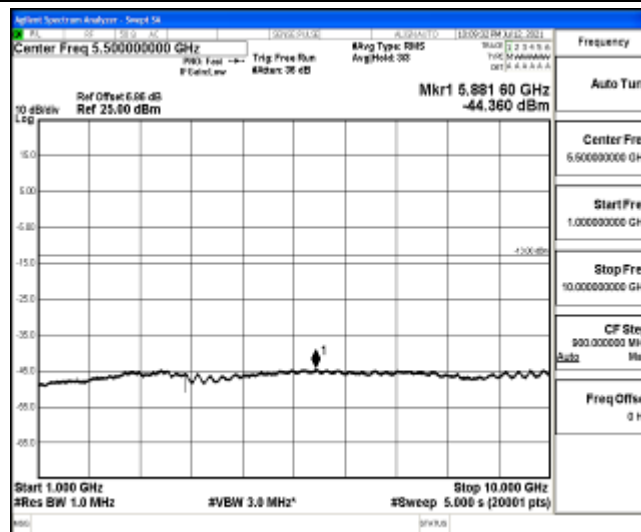
Band5-5MHz-16QAM-20625-1RB#0-Range2:0.15~30MHz



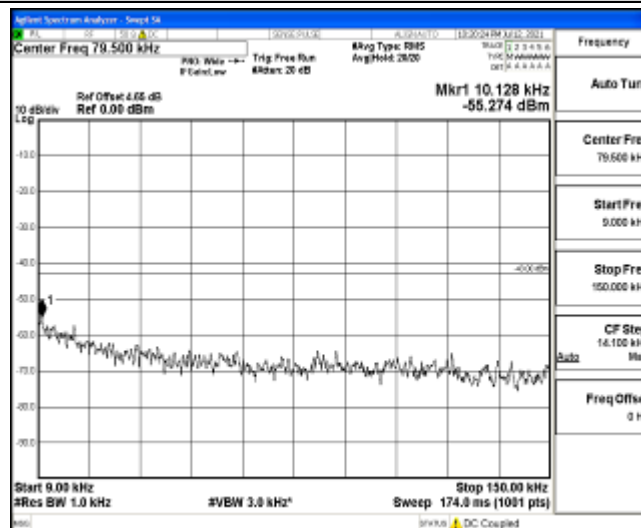
Band5-5MHz-16QAM-20625-1RB#0-Range3:30~1000MHz



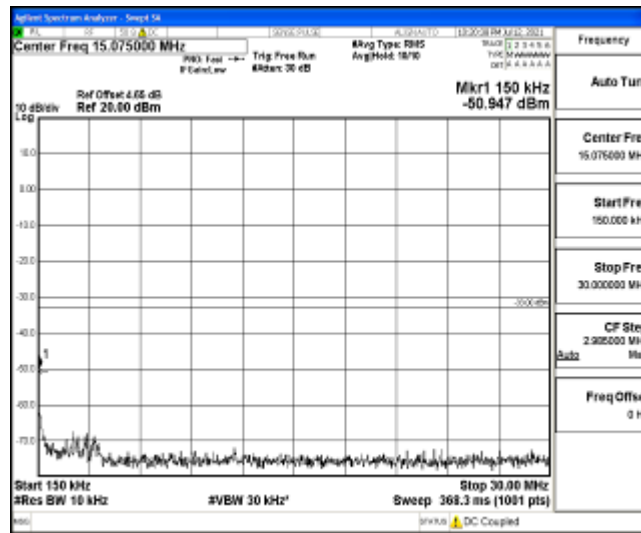
Band5-5MHz-16QAM-20625-1RB#0-Range4:1000~10000MHz



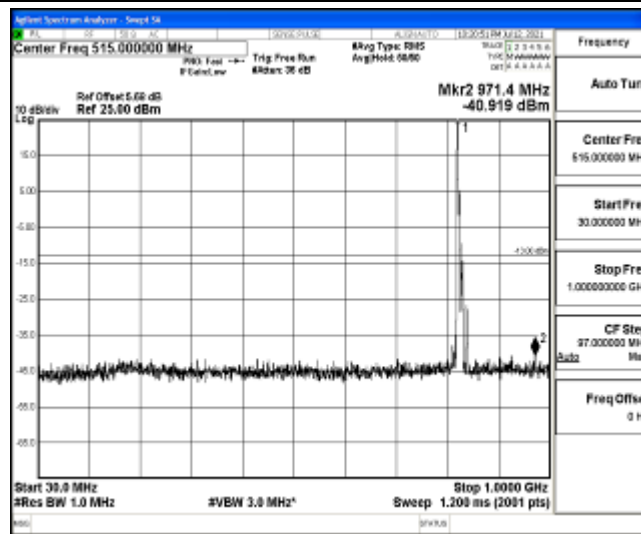
Band5-10MHz-QPSK-20450-1RB#0-Range1:0.009~0.15MHz



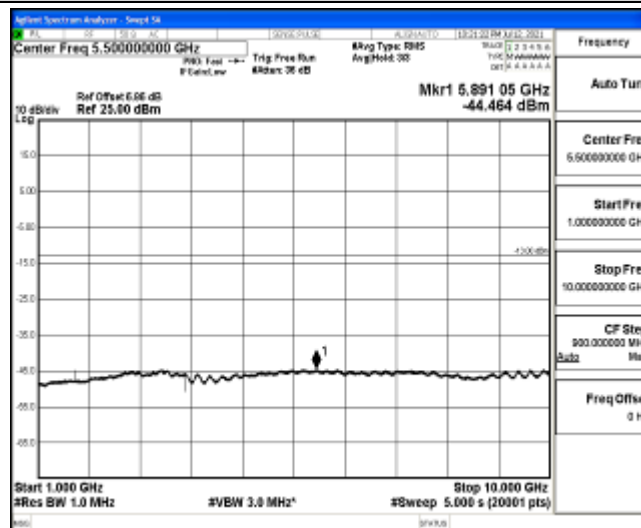
Band5-10MHz-QPSK-20450-1RB#0-Range2:0.15~30MHz



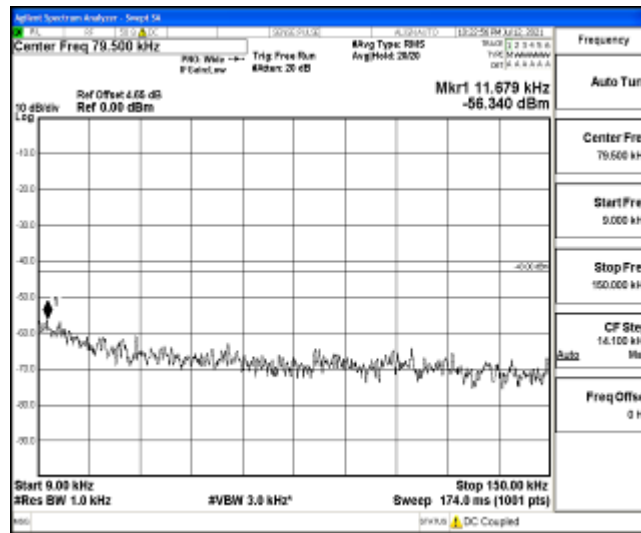
Band5-10MHz-QPSK-20450-1RB#0-Range3:30~1000MHz



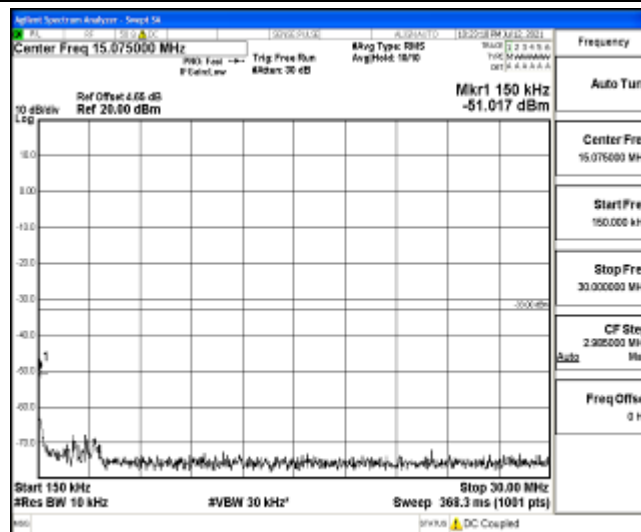
Band5-10MHz-QPSK-20450-1RB#0-Range4:1000~10000MHz



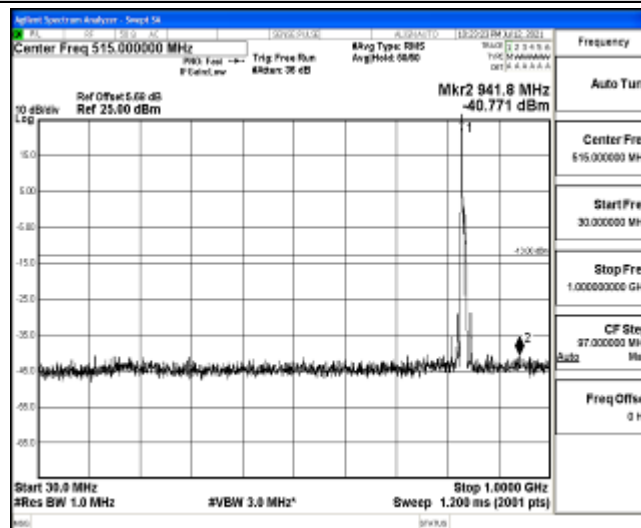
Band5-10MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz



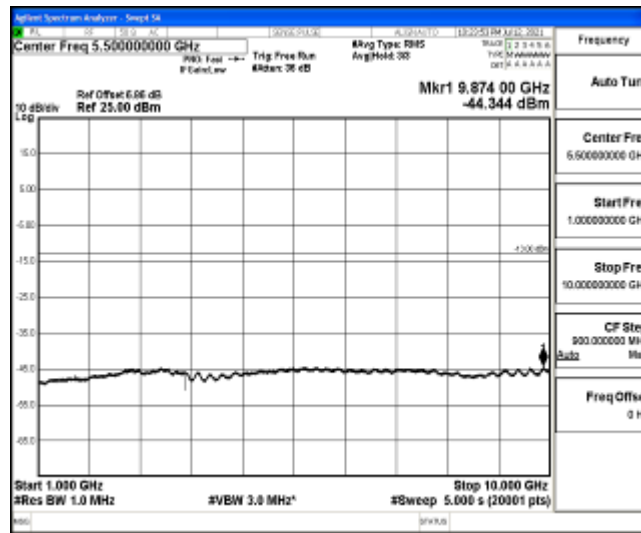
Band5-10MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz



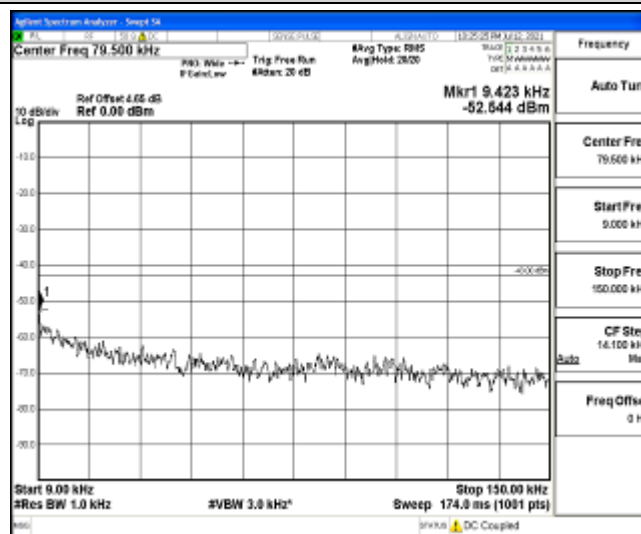
Band5-10MHz-QPSK-20525-1RB#0-Range3:30~1000MHz



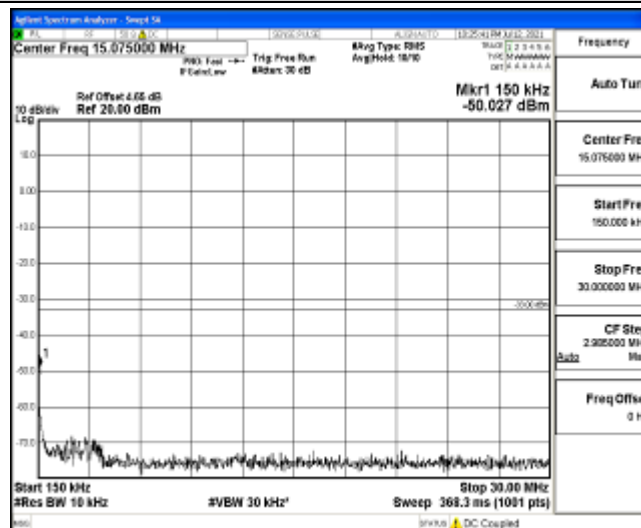
Band5-10MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz



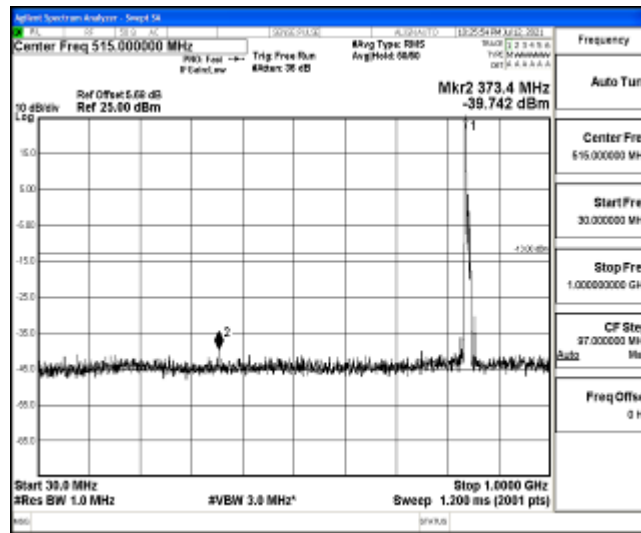
Band5-10MHz-QPSK-20600-1RB#0-Range1:0.009~0.15MHz



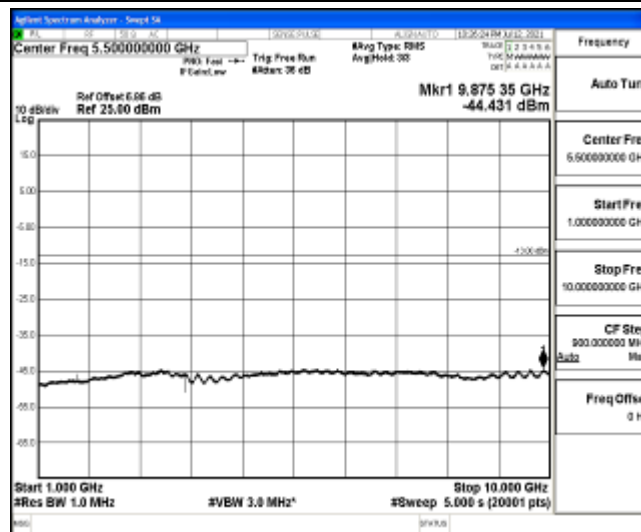
Band5-10MHz-QPSK-20600-1RB#0-Range2:0.15~30MHz



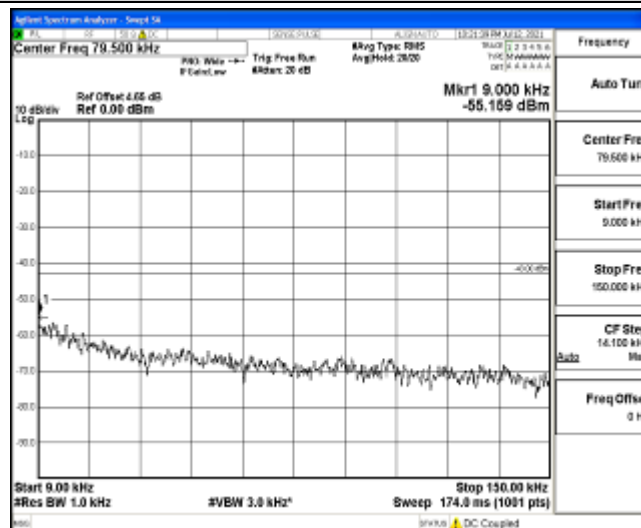
Band5-10MHz-QPSK-20600-1RB#0-Range3:30~1000MHz



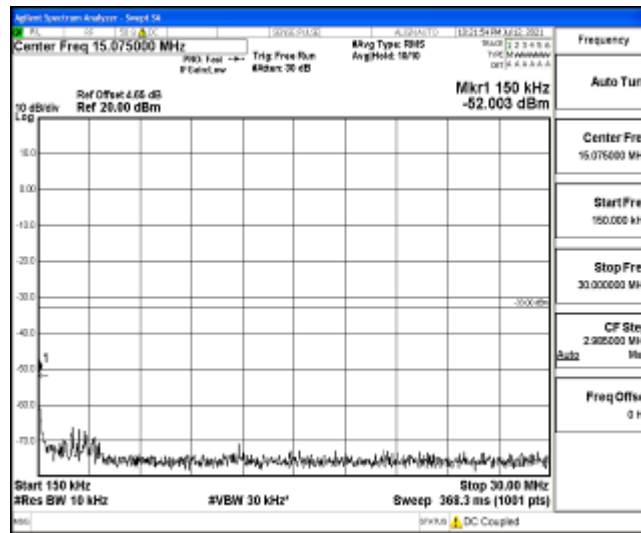
Band5-10MHz-QPSK-20600-1RB#0-Range4:1000~10000MHz



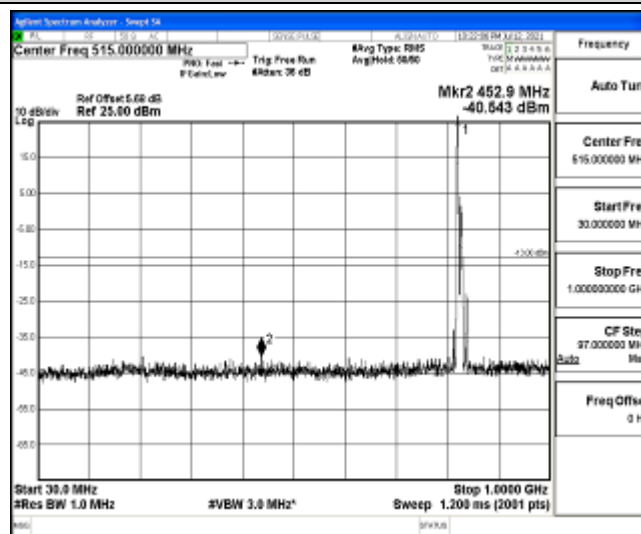
Band5-10MHz-16QAM-20450-1RB#0-Range1:0.009~0.15MHz



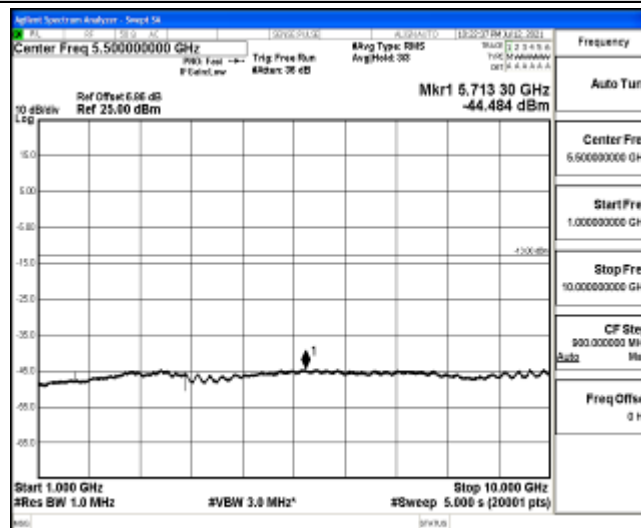
Band5-10MHz-16QAM-20450-1RB#0-Range2:0.15~30MHz



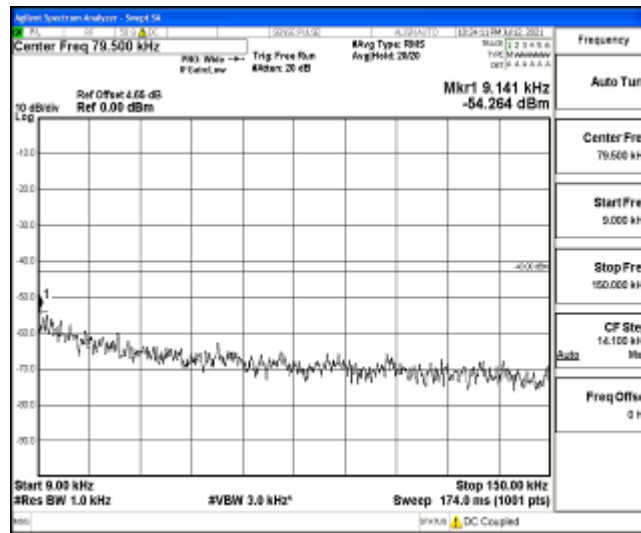
Band5-10MHz-16QAM-20450-1RB#0-Range3:30~1000MHz



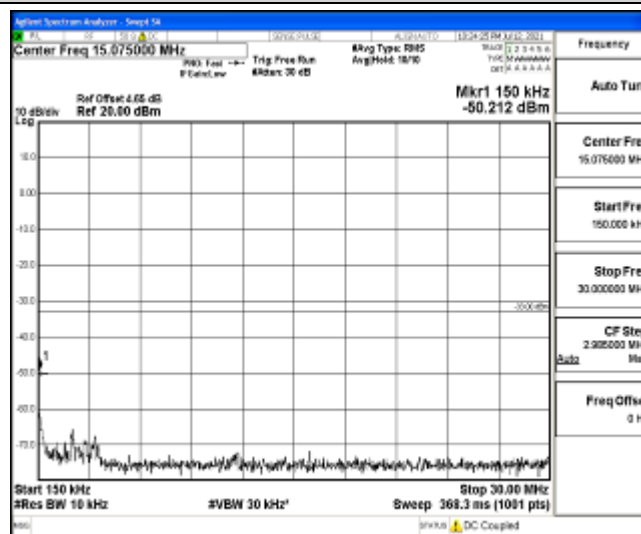
Band5-10MHz-16QAM-20450-1RB#0-Range4:1000~10000MHz



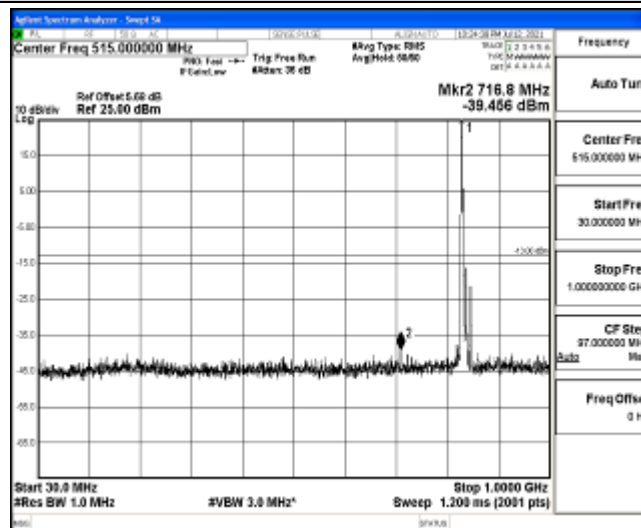
Band5-10MHz-16QAM-20525-1RB#0-Range1:0.009~0.15MHz



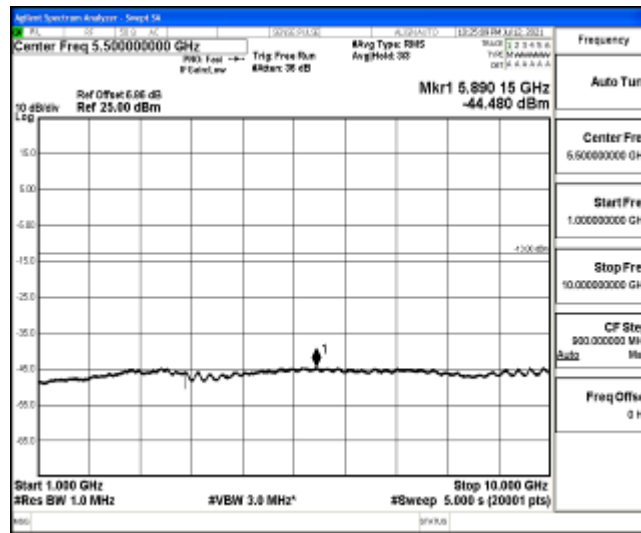
Band5-10MHz-16QAM-20525-1RB#0-Range2:0.15~30MHz



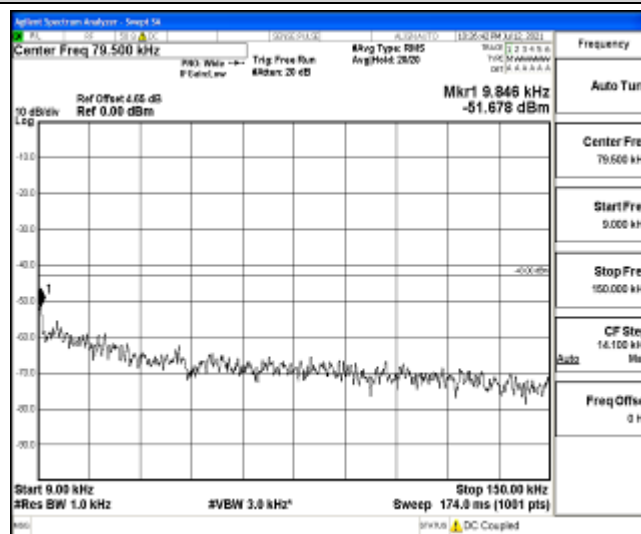
Band5-10MHz-16QAM-20525-1RB#0-Range3:30~1000MHz



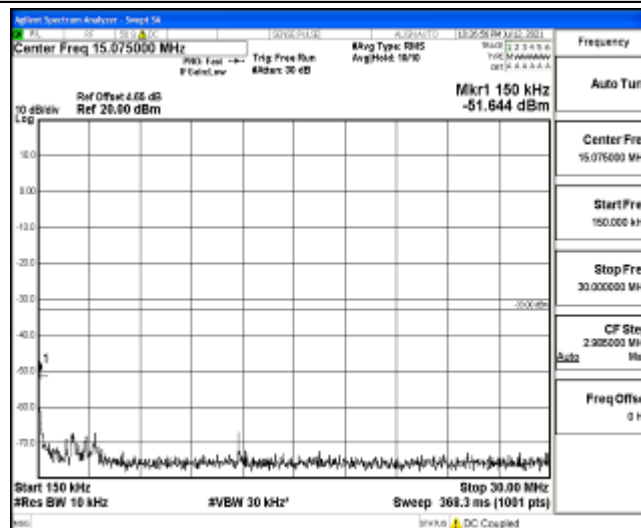
Band5-10MHz-16QAM-20525-1RB#0-Range4:1000~10000MHz



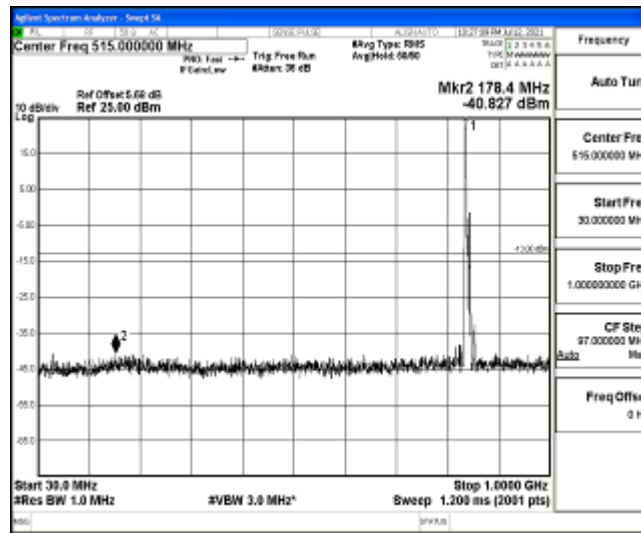
Band5-10MHz-16QAM-20600-1RB#0-Range1:0.009~0.15MHz



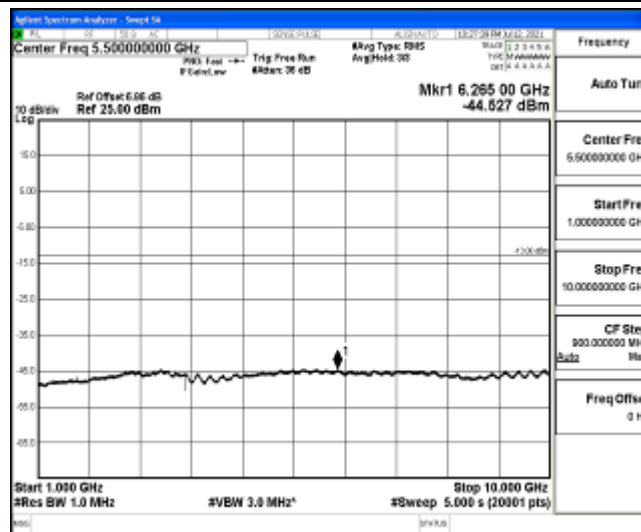
Band5-10MHz-16QAM-20600-1RB#0-Range2:0.15~30MHz



Band5-10MHz-16QAM-20600-1RB#0-Range3:30~1000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range4:1000~10000MHz





E.6 Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
	1.4MHz	QPSK	20407	6RB#0	VL	NT	32.25	0.039105	±2.5	PASS
	1.4MHz	QPSK	20407	6RB#0	VN	NT	27.85	0.033770	±2.5	PASS
	1.4MHz	QPSK	20407	6RB#0	VH	NT	32.31	0.039178	±2.5	PASS
	1.4MHz	QPSK	20525	6RB#0	VL	NT	15.74	0.018816	±2.5	PASS
	1.4MHz	QPSK	20525	6RB#0	VN	NT	18.76	0.022427	±2.5	PASS
	1.4MHz	QPSK	20525	6RB#0	VH	NT	15.39	0.018398	±2.5	PASS
	1.4MHz	QPSK	20643	6RB#0	VL	NT	14.93	0.017600	±2.5	PASS
	1.4MHz	QPSK	20643	6RB#0	VN	NT	15.74	0.018555	±2.5	PASS
	1.4MHz	QPSK	20643	6RB#0	VH	NT	12.56	0.014806	±2.5	PASS
	1.4MHz	16QAM	20407	6RB#0	VL	NT	27.11	0.032873	±2.5	PASS
	1.4MHz	16QAM	20407	6RB#0	VN	NT	29.07	0.035249	±2.5	PASS
	1.4MHz	16QAM	20407	6RB#0	VH	NT	29.26	0.035480	±2.5	PASS
	1.4MHz	16QAM	20525	6RB#0	VL	NT	-10.12	-0.012098	±2.5	PASS
	1.4MHz	16QAM	20525	6RB#0	VN	NT	-7.85	-0.009384	±2.5	PASS
	1.4MHz	16QAM	20525	6RB#0	VH	NT	-11.36	-0.013580	±2.5	PASS
	1.4MHz	16QAM	20643	6RB#0	VL	NT	-8.58	-0.010114	±2.5	PASS
	1.4MHz	16QAM	20643	6RB#0	VN	NT	-4.70	-0.005540	±2.5	PASS
	1.4MHz	16QAM	20643	6RB#0	VH	NT	-11.56	-0.013627	±2.5	PASS
	3MHz	QPSK	20415	15RB#0	VL	NT	35.68	0.043222	±2.5	PASS
	3MHz	QPSK	20415	15RB#0	VN	NT	33.57	0.040666	±2.5	PASS
	3MHz	QPSK	20415	15RB#0	VH	NT	37.05	0.044882	±2.5	PASS
	3MHz	QPSK	20525	15RB#0	VL	NT	-24.46	-0.029241	±2.5	PASS
	3MHz	QPSK	20525	15RB#0	VN	NT	-10.92	-0.013054	±2.5	PASS
	3MHz	QPSK	20525	15RB#0	VH	NT	-34.22	-0.040909	±2.5	PASS
	3MHz	QPSK	20635	15RB#0	VL	NT	-40.90	-0.048260	±2.5	PASS
	3MHz	QPSK	20635	15RB#0	VN	NT	-24.39	-0.028779	±2.5	PASS
	3MHz	QPSK	20635	15RB#0	VH	NT	-9.86	-0.011634	±2.5	PASS



	3MHz	16QAM	20415	15RB# 0	VL	NT	28.08	0.034016	±2.5	PASS
	3MHz	16QAM	20415	15RB# 0	VN	NT	36.72	0.044482	±2.5	PASS
	3MHz	16QAM	20415	15RB# 0	VH	NT	14.99	0.018159	±2.5	PASS
	3MHz	16QAM	20525	15RB# 0	VL	NT	8.37	0.010006	±2.5	PASS
	3MHz	16QAM	20525	15RB# 0	VN	NT	30.33	0.036258	±2.5	PASS
	3MHz	16QAM	20525	15RB# 0	VH	NT	-21.84	-0.026109	±2.5	PASS
	3MHz	16QAM	20635	15RB# 0	VL	NT	19.44	0.022938	±2.5	PASS
	3MHz	16QAM	20635	15RB# 0	VN	NT	32.24	0.038041	±2.5	PASS
	3MHz	16QAM	20635	15RB# 0	VH	NT	4.21	0.004968	±2.5	PASS
	5MHz	QPSK	20425	25RB# 0	VL	NT	40.33	0.048796	±2.5	PASS
	5MHz	QPSK	20425	25RB# 0	VN	NT	36.23	0.043835	±2.5	PASS
	5MHz	QPSK	20425	25RB# 0	VH	NT	38.58	0.046679	±2.5	PASS
	5MHz	QPSK	20525	25RB# 0	VL	NT	12.81	0.015314	±2.5	PASS
	5MHz	QPSK	20525	25RB# 0	VN	NT	13.07	0.015625	±2.5	PASS
	5MHz	QPSK	20525	25RB# 0	VH	NT	9.79	0.011704	±2.5	PASS
	5MHz	QPSK	20625	25RB# 0	VL	NT	7.58	0.008955	±2.5	PASS
	5MHz	QPSK	20625	25RB# 0	VN	NT	9.00	0.010632	±2.5	PASS
	5MHz	QPSK	20625	25RB# 0	VH	NT	6.02	0.007112	±2.5	PASS
	5MHz	16QAM	20425	25RB# 0	VL	NT	28.18	0.034096	±2.5	PASS
	5MHz	16QAM	20425	25RB# 0	VN	NT	30.79	0.037253	±2.5	PASS
	5MHz	16QAM	20425	25RB# 0	VH	NT	31.23	0.037786	±2.5	PASS
	5MHz	16QAM	20525	25RB# 0	VL	NT	8.59	0.010269	±2.5	PASS



	5MHz	16QAM	20525	25RB# 0	VN	NT	9.44	0.011285	±2.5	PASS
	5MHz	16QAM	20525	25RB# 0	VH	NT	8.89	0.010628	±2.5	PASS
	5MHz	16QAM	20625	25RB# 0	VL	NT	-22.94	-0.027100	±2.5	PASS
	5MHz	16QAM	20625	25RB# 0	VN	NT	-27.04	-0.031943	±2.5	PASS
	5MHz	16QAM	20625	25RB# 0	VH	NT	-18.69	-0.022079	±2.5	PASS
	10MHz	QPSK	20450	50RB# 0	VL	NT	32.93	0.039723	±2.5	PASS
	10MHz	QPSK	20450	50RB# 0	VN	NT	34.07	0.041098	±2.5	PASS
	10MHz	QPSK	20450	50RB# 0	VH	NT	28.64	0.034548	±2.5	PASS
	10MHz	QPSK	20525	50RB# 0	VL	NT	10.61	0.012684	±2.5	PASS
	10MHz	QPSK	20525	50RB# 0	VN	NT	13.81	0.016509	±2.5	PASS
	10MHz	QPSK	20525	50RB# 0	VH	NT	5.16	0.006169	±2.5	PASS
	10MHz	QPSK	20600	50RB# 0	VL	NT	17.73	0.021007	±2.5	PASS
	10MHz	QPSK	20600	50RB# 0	VN	NT	19.47	0.023069	±2.5	PASS
	10MHz	QPSK	20600	50RB# 0	VH	NT	16.77	0.019870	±2.5	PASS
	10MHz	16QAM	20450	50RB# 0	VL	NT	5.59	0.006743	±2.5	PASS
	10MHz	16QAM	20450	50RB# 0	VN	NT	9.90	0.011942	±2.5	PASS
	10MHz	16QAM	20450	50RB# 0	VH	NT	7.08	0.008540	±2.5	PASS
	10MHz	16QAM	20525	50RB# 0	VL	NT	-23.50	-0.028093	±2.5	PASS
	10MHz	16QAM	20525	50RB# 0	VN	NT	-22.27	-0.026623	±2.5	PASS
	10MHz	16QAM	20525	50RB# 0	VH	NT	-22.74	-0.027185	±2.5	PASS
	10MHz	16QAM	20600	50RB# 0	VL	NT	8.23	0.009751	±2.5	PASS
	10MHz	16QAM	20600	50RB# 0	VN	NT	10.12	0.011991	±2.5	PASS



	10MHz	16QAM	20600	50RB# 0	VH	NT	6.55	0.007761	±2.5	PASS
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Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
	1.4MHz	QPSK	20407	6RB#0	NV	-30	33.71	0.040875	±2.5	PASS
	1.4MHz	QPSK	20407	6RB#0	NV	-20	33.43	0.040536	±2.5	PASS
	1.4MHz	QPSK	20407	6RB#0	NV	0	38.08	0.046174	±2.5	PASS
	1.4MHz	QPSK	20407	6RB#0	NV	10	36.54	0.044307	±2.5	PASS
	1.4MHz	QPSK	20407	6RB#0	NV	20	35.92	0.043555	±2.5	PASS
	1.4MHz	QPSK	20525	6RB#0	NV	-30	12.36	0.014776	±2.5	PASS
	1.4MHz	QPSK	20525	6RB#0	NV	-20	10.72	0.012815	±2.5	PASS
	1.4MHz	QPSK	20525	6RB#0	NV	0	9.42	0.011261	±2.5	PASS
	1.4MHz	QPSK	20525	6RB#0	NV	10	5.85	0.006993	±2.5	PASS
	1.4MHz	QPSK	20525	6RB#0	NV	20	3.67	0.004387	±2.5	PASS
	1.4MHz	QPSK	20643	6RB#0	NV	-30	11.95	0.014087	±2.5	PASS
	1.4MHz	QPSK	20643	6RB#0	NV	-20	10.66	0.012566	±2.5	PASS
	1.4MHz	QPSK	20643	6RB#0	NV	0	10.00	0.011788	±2.5	PASS
	1.4MHz	QPSK	20643	6RB#0	NV	10	8.10	0.009549	±2.5	PASS
	1.4MHz	QPSK	20643	6RB#0	NV	20	7.28	0.008582	±2.5	PASS
	1.4MHz	16QAM	20407	6RB#0	NV	-30	29.57	0.035855	±2.5	PASS
	1.4MHz	16QAM	20407	6RB#0	NV	-20	32.29	0.039154	±2.5	PASS
	1.4MHz	16QAM	20407	6RB#0	NV	0	35.62	0.043191	±2.5	PASS
	1.4MHz	16QAM	20407	6RB#0	NV	10	34.90	0.042318	±2.5	PASS
	1.4MHz	16QAM	20407	6RB#0	NV	20	38.84	0.047096	±2.5	PASS
	1.4MHz	16QAM	20525	6RB#0	NV	-30	-13.65	-0.016318	±2.5	PASS
	1.4MHz	16QAM	20525	6RB#0	NV	-20	-11.85	-0.014166	±2.5	PASS
	1.4MHz	16QAM	20525	6RB#0	NV	0	-10.10	-0.012074	±2.5	PASS
	1.4MHz	16QAM	20525	6RB#0	NV	10	-6.76	-0.008081	±2.5	PASS
	1.4MHz	16QAM	20525	6RB#0	NV	20	-6.63	-0.007926	±2.5	PASS
	1.4MHz	16QAM	20643	6RB#0	NV	-30	-11.50	-0.013557	±2.5	PASS
	1.4MHz	16QAM	20643	6RB#0	NV	-20	-10.51	-0.012389	±2.5	PASS
	1.4MHz	16QAM	20643	6RB#0	NV	0	-7.26	-0.008558	±2.5	PASS
	1.4MHz	16QAM	20643	6RB#0	NV	10	-6.30	-0.007427	±2.5	PASS
	1.4MHz	16QAM	20643	6RB#0	NV	20	-3.64	-0.004291	±2.5	PASS
	3MHz	QPSK	20415	15RB#0	NV	-30	35.45	0.042944	±2.5	PASS
	3MHz	QPSK	20415	15RB#0	NV	-20	33.42	0.040485	±2.5	PASS
	3MHz	QPSK	20415	15RB#0	NV	0	32.41	0.039261	±2.5	PASS
	3MHz	QPSK	20415	15RB#0	NV	10	31.36	0.037989	±2.5	PASS
	3MHz	QPSK	20415	15RB#0	NV	20	29.29	0.035482	±2.5	PASS
	3MHz	QPSK	20525	15RB#0	NV	-30	-48.67	-0.058183	±2.5	PASS



	3MHz	QPSK	20525	15RB#0	NV	-20	-12.67	-0.015146	±2.5	PASS
	3MHz	QPSK	20525	15RB#0	NV	0	-28.63	-0.034226	±2.5	PASS
	3MHz	QPSK	20525	15RB#0	NV	10	-40.53	-0.048452	±2.5	PASS
	3MHz	QPSK	20525	15RB#0	NV	20	-9.76	-0.011668	±2.5	PASS
	3MHz	QPSK	20635	15RB#0	NV	-30	-31.13	-0.036732	±2.5	PASS
	3MHz	QPSK	20635	15RB#0	NV	-20	2.96	0.003493	±2.5	PASS
	3MHz	QPSK	20635	15RB#0	NV	0	-15.26	-0.018006	±2.5	PASS
	3MHz	QPSK	20635	15RB#0	NV	10	-33.52	-0.039552	±2.5	PASS
	3MHz	QPSK	20635	15RB#0	NV	20	-47.42	-0.055953	±2.5	PASS
	3MHz	16QAM	20415	15RB#0	NV	-30	2.11	0.002556	±2.5	PASS
	3MHz	16QAM	20415	15RB#0	NV	-20	-17.86	-0.021635	±2.5	PASS
	3MHz	16QAM	20415	15RB#0	NV	0	-34.27	-0.041514	±2.5	PASS
	3MHz	16QAM	20415	15RB#0	NV	10	-50.52	-0.061199	±2.5	PASS
	3MHz	16QAM	20415	15RB#0	NV	20	-17.98	-0.021781	±2.5	PASS
	3MHz	16QAM	20525	15RB#0	NV	-30	-45.62	-0.054537	±2.5	PASS
	3MHz	16QAM	20525	15RB#0	NV	-20	-19.22	-0.022977	±2.5	PASS
	3MHz	16QAM	20525	15RB#0	NV	0	-38.42	-0.045929	±2.5	PASS
	3MHz	16QAM	20525	15RB#0	NV	10	-4.06	-0.004854	±2.5	PASS
	3MHz	16QAM	20525	15RB#0	NV	20	-18.97	-0.022678	±2.5	PASS
	3MHz	16QAM	20635	15RB#0	NV	-30	-17.17	-0.020260	±2.5	PASS
	3MHz	16QAM	20635	15RB#0	NV	-20	-35.17	-0.041499	±2.5	PASS
	3MHz	16QAM	20635	15RB#0	NV	0	-47.68	-0.056260	±2.5	PASS
	3MHz	16QAM	20635	15RB#0	NV	10	-12.74	-0.015032	±2.5	PASS
	3MHz	16QAM	20635	15RB#0	NV	20	-24.40	-0.028791	±2.5	PASS
	5MHz	QPSK	20425	25RB#0	NV	-30	37.88	0.045832	±2.5	PASS
	5MHz	QPSK	20425	25RB#0	NV	-20	38.73	0.046860	±2.5	PASS
	5MHz	QPSK	20425	25RB#0	NV	0	39.35	0.047610	±2.5	PASS
	5MHz	QPSK	20425	25RB#0	NV	10	38.16	0.046171	±2.5	PASS
	5MHz	QPSK	20425	25RB#0	NV	20	36.72	0.044428	±2.5	PASS
	5MHz	QPSK	20525	25RB#0	NV	-30	11.36	0.013580	±2.5	PASS
	5MHz	QPSK	20525	25RB#0	NV	-20	8.63	0.010317	±2.5	PASS
	5MHz	QPSK	20525	25RB#0	NV	0	11.05	0.013210	±2.5	PASS
	5MHz	QPSK	20525	25RB#0	NV	10	10.40	0.012433	±2.5	PASS
	5MHz	QPSK	20525	25RB#0	NV	20	9.06	0.010831	±2.5	PASS
	5MHz	QPSK	20625	25RB#0	NV	-30	3.23	0.003816	±2.5	PASS
	5MHz	QPSK	20625	25RB#0	NV	-20	-6.91	-0.008163	±2.5	PASS
	5MHz	QPSK	20625	25RB#0	NV	0	-11.02	-0.013018	±2.5	PASS
	5MHz	QPSK	20625	25RB#0	NV	10	-17.19	-0.020307	±2.5	PASS
	5MHz	QPSK	20625	25RB#0	NV	20	-19.18	-0.022658	±2.5	PASS
	5MHz	16QAM	20425	25RB#0	NV	-30	34.18	0.041355	±2.5	PASS
	5MHz	16QAM	20425	25RB#0	NV	-20	36.58	0.044259	±2.5	PASS
	5MHz	16QAM	20425	25RB#0	NV	0	37.12	0.044912	±2.5	PASS
	5MHz	16QAM	20425	25RB#0	NV	10	37.67	0.045578	±2.5	PASS



	5MHz	16QAM	20425	25RB#0	NV	20	38.04	0.046025	±2.5	PASS
	5MHz	16QAM	20525	25RB#0	NV	-30	12.20	0.014585	±2.5	PASS
	5MHz	16QAM	20525	25RB#0	NV	-20	16.66	0.019916	±2.5	PASS
	5MHz	16QAM	20525	25RB#0	NV	0	17.53	0.020956	±2.5	PASS
	5MHz	16QAM	20525	25RB#0	NV	10	17.93	0.021435	±2.5	PASS
	5MHz	16QAM	20525	25RB#0	NV	20	22.48	0.026874	±2.5	PASS
	5MHz	16QAM	20625	25RB#0	NV	-30	-16.37	-0.019338	±2.5	PASS
	5MHz	16QAM	20625	25RB#0	NV	-20	-15.97	-0.018866	±2.5	PASS
	5MHz	16QAM	20625	25RB#0	NV	0	-11.95	-0.014117	±2.5	PASS
	5MHz	16QAM	20625	25RB#0	NV	10	-9.19	-0.010856	±2.5	PASS
	5MHz	16QAM	20625	25RB#0	NV	20	-2.54	-0.003001	±2.5	PASS
	10MHz	QPSK	20450	50RB#0	NV	-30	26.56	0.032039	±2.5	PASS
	10MHz	QPSK	20450	50RB#0	NV	-20	25.50	0.030760	±2.5	PASS
	10MHz	QPSK	20450	50RB#0	NV	0	20.56	0.024801	±2.5	PASS
	10MHz	QPSK	20450	50RB#0	NV	10	18.49	0.022304	±2.5	PASS
	10MHz	QPSK	20450	50RB#0	NV	20	13.62	0.016429	±2.5	PASS
	10MHz	QPSK	20525	50RB#0	NV	-30	-3.81	-0.004555	±2.5	PASS
	10MHz	QPSK	20525	50RB#0	NV	-20	-6.24	-0.007460	±2.5	PASS
	10MHz	QPSK	20525	50RB#0	NV	0	-9.85	-0.011775	±2.5	PASS
	10MHz	QPSK	20525	50RB#0	NV	10	-10.82	-0.012935	±2.5	PASS
	10MHz	QPSK	20525	50RB#0	NV	20	-12.91	-0.015433	±2.5	PASS
	10MHz	QPSK	20600	50RB#0	NV	-30	17.43	0.020652	±2.5	PASS
	10MHz	QPSK	20600	50RB#0	NV	-20	15.45	0.018306	±2.5	PASS
	10MHz	QPSK	20600	50RB#0	NV	0	15.19	0.017998	±2.5	PASS
	10MHz	QPSK	20600	50RB#0	NV	10	17.17	0.020344	±2.5	PASS
	10MHz	QPSK	20600	50RB#0	NV	20	16.22	0.019218	±2.5	PASS
	10MHz	16QAM	20450	50RB#0	NV	-30	10.04	0.012111	±2.5	PASS
	10MHz	16QAM	20450	50RB#0	NV	-20	10.55	0.012726	±2.5	PASS
	10MHz	16QAM	20450	50RB#0	NV	0	13.80	0.016647	±2.5	PASS
	10MHz	16QAM	20450	50RB#0	NV	10	16.29	0.019650	±2.5	PASS
	10MHz	16QAM	20450	50RB#0	NV	20	20.35	0.024548	±2.5	PASS
	10MHz	16QAM	20525	50RB#0	NV	-30	-18.81	-0.022487	±2.5	PASS
	10MHz	16QAM	20525	50RB#0	NV	-20	-16.64	-0.019892	±2.5	PASS
	10MHz	16QAM	20525	50RB#0	NV	0	-11.38	-0.013604	±2.5	PASS
	10MHz	16QAM	20525	50RB#0	NV	10	-10.26	-0.012265	±2.5	PASS
	10MHz	16QAM	20525	50RB#0	NV	20	-11.70	-0.013987	±2.5	PASS
	10MHz	16QAM	20600	50RB#0	NV	-30	5.50	0.006517	±2.5	PASS
	10MHz	16QAM	20600	50RB#0	NV	-20	3.22	0.003815	±2.5	PASS
	10MHz	16QAM	20600	50RB#0	NV	0	5.42	0.006422	±2.5	PASS
	10MHz	16QAM	20600	50RB#0	NV	10	6.89	0.008164	±2.5	PASS
	10MHz	16QAM	20600	50RB#0	NV	20	4.55	0.005391	±2.5	PASS