



Appendix C: Test Data for E-UTRA Band 5

Product Name: GPS Vehicle Tracker

Test Model: VT08F

Environmental Conditions

Temperature:	22.6° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Li
Supervised by:	Li Huan



C.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	22.55	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.38	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.50	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.51	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.53	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.48	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.58	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.72	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.09	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.69	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.69	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.74	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.76	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.86	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.58	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.74	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.85	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.85	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.80	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.84	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.83	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.65	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.55	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.56	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.18	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.27	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.22	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.70	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.71	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.76	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.73	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.74	PASS



Band5	1.4MHz	16QAM	20525	3RB#1	21.56	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.78	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.81	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.89	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.96	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.93	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.90	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.68	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.73	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.00	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.53	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.29	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.95	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.60	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.48	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.59	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.55	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.68	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.52	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.47	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.74	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.70	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.65	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.66	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.60	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.78	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.80	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.86	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.89	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.67	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.56	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.27	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.46	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.81	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.55	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.42	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.53	PASS



Band5	3MHz	16QAM	20415	15RB#0	20.53	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.47	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.51	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.64	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.66	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.70	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.64	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.98	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.79	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.83	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.01	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.77	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.64	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.64	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.54	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.50	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.77	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.51	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.59	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.64	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.67	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.75	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.63	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.91	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.77	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.95	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.82	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.83	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.84	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.60	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.76	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.68	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.83	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.83	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.83	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.70	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.43	PASS



Band5	5MHz	16QAM	20425	1RB#12	21.74	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.49	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.53	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.81	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.66	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.75	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.64	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.74	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.60	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.93	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.89	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.82	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.84	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.34	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.68	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.69	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.85	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.74	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.83	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.81	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.33	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.59	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.74	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.82	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.85	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.95	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.81	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.97	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.14	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.61	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.03	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.99	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.98	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.90	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.82	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.58	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.52	PASS



Band5	10MHz	QPSK	20600	25RB#0	21.91	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.89	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.97	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.92	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.61	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.97	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.76	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.77	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.90	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.93	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.74	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.27	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.82	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.88	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.06	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.92	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.99	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.89	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.75	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.04	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.72	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.80	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.97	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.88	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.93	PASS



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.56	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.15	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.24	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.98	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.93	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.64	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.59	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.03	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.46	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.85	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.97	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.63	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.55	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.23	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.33	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.00	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	3.91	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.72	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.46	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.10	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.09	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.94	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.70	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.60	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.50	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.14	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.25	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.97	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	3.92	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.65	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.37	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.97	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.17	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.80	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.80	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.53	13	PASS



Band5	10MHz	QPSK	20450	1RB#0	4.70	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.10	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.23	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.03	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.32	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.84	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.56	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.97	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.05	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.90	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.32	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.75	13	PASS

Note: Peak-to-Average Ratio= maximum PK burst power-maximum Avg. burst power.



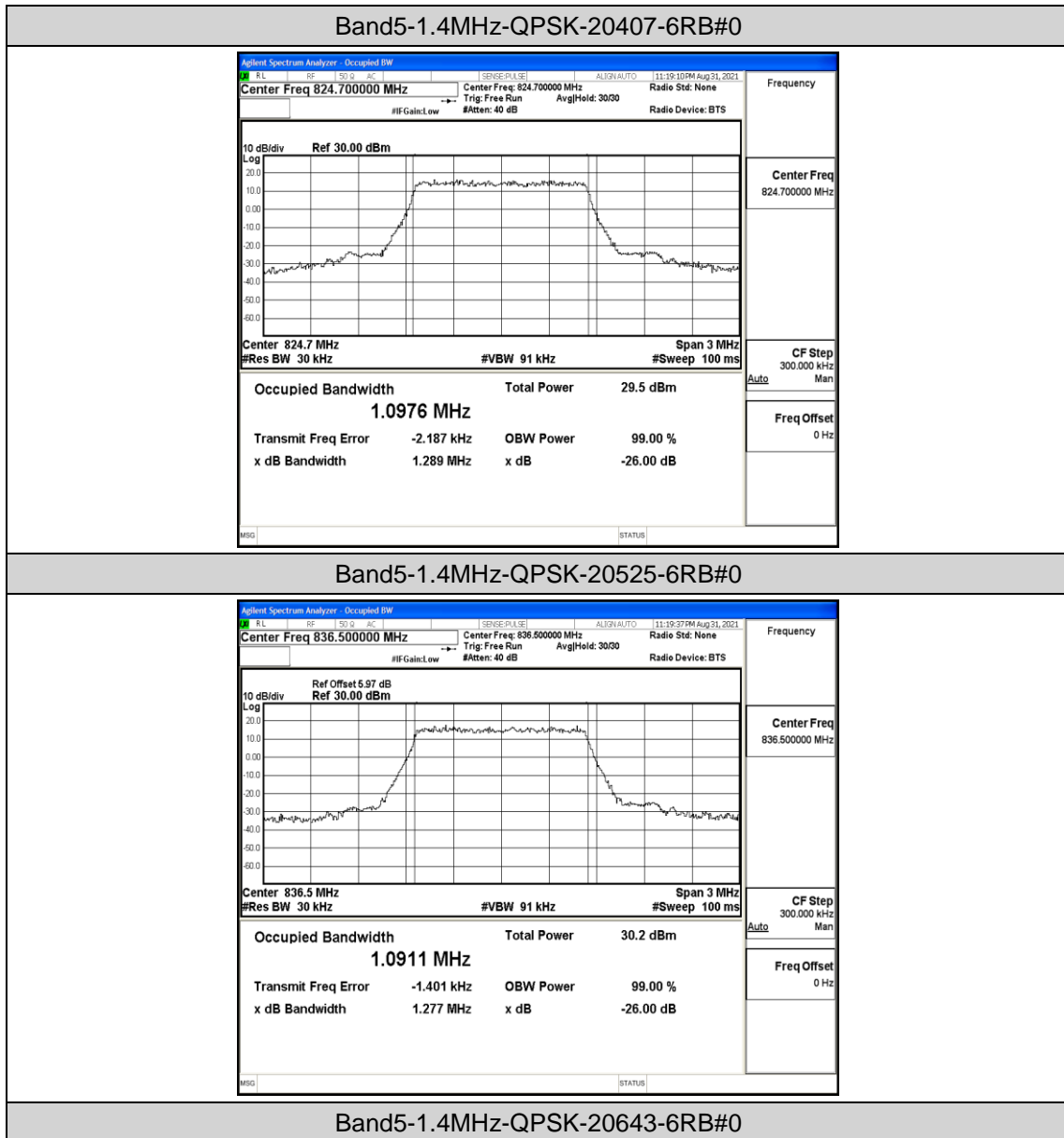
C.3 26dB Bandwidth and Occupied Bandwidth

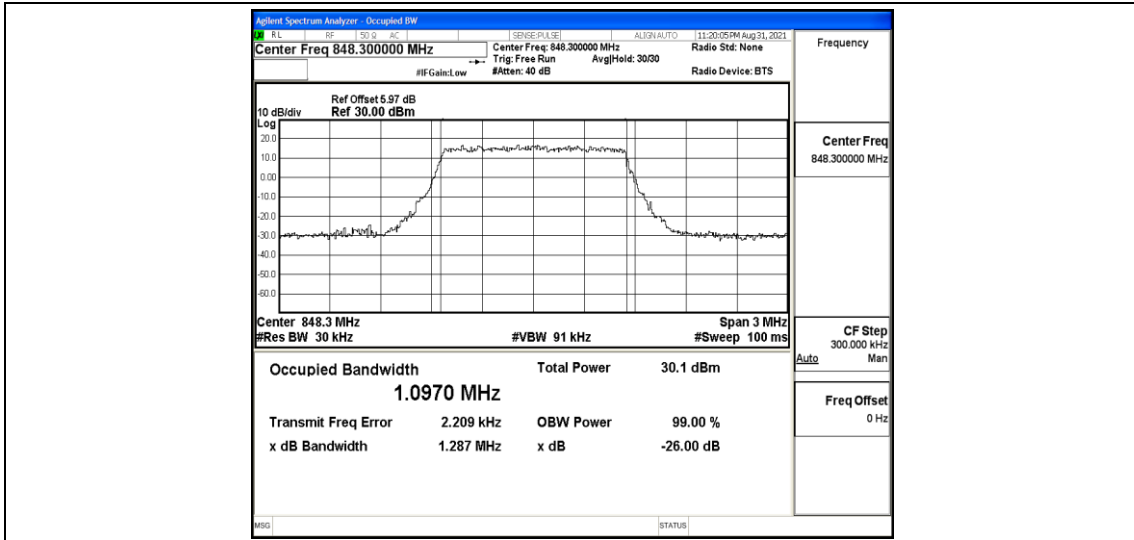
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0976	1.289	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0911	1.277	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0970	1.287	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0912	1.283	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0972	1.292	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0876	1.271	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7028	2.960	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6951	2.988	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7012	2.938	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6878	2.947	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6493	2.931	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6654	2.937	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5230	5.034	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5027	5.020	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4923	4.986	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5086	4.976	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5061	4.958	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5060	5.013	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9742	9.874	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9757	9.917	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9759	9.933	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9789	9.815	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9642	9.869	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9590	9.795	PASS

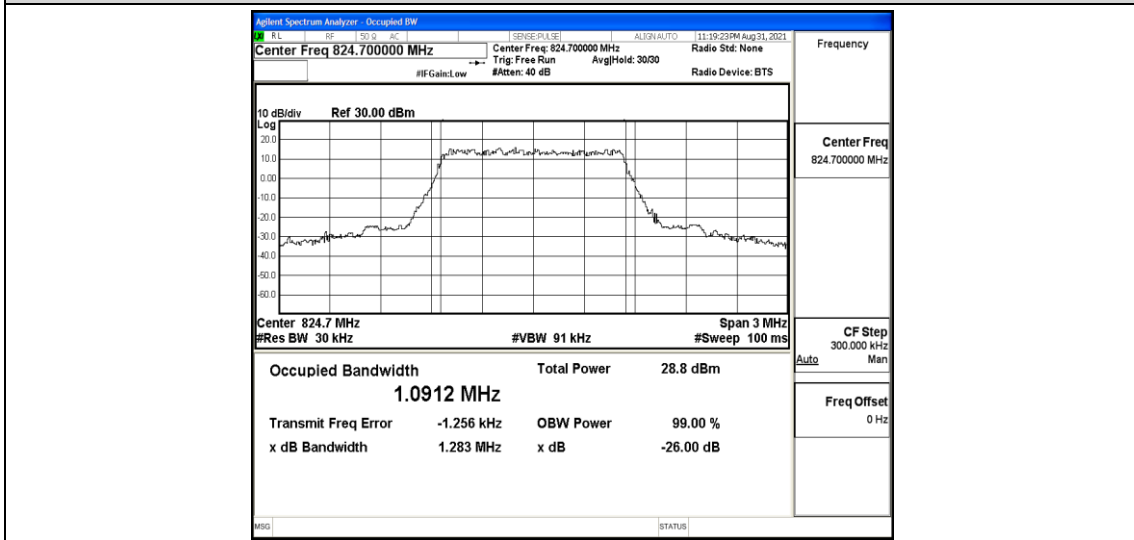


Test Graphs

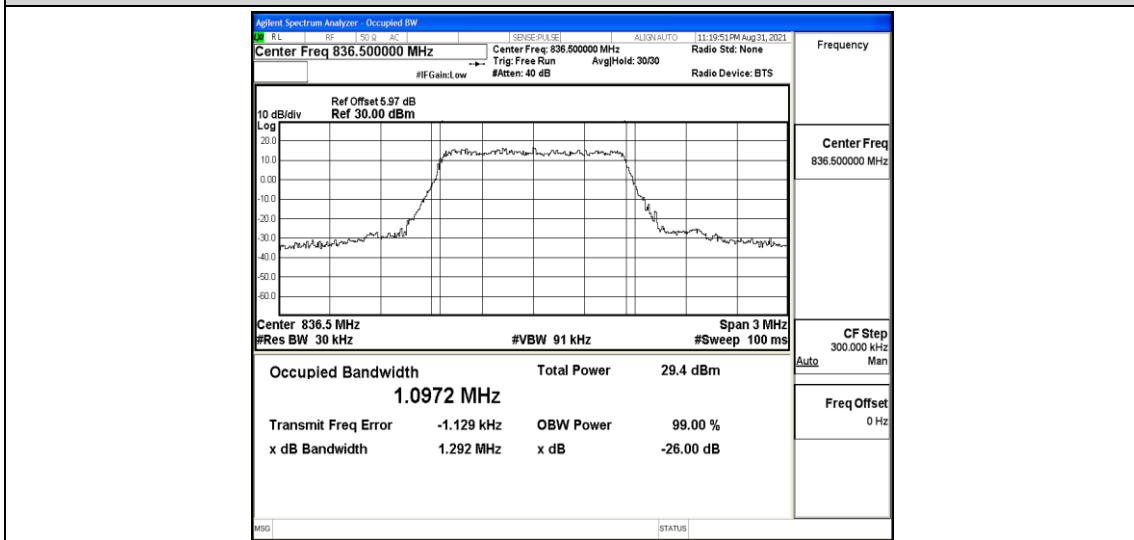




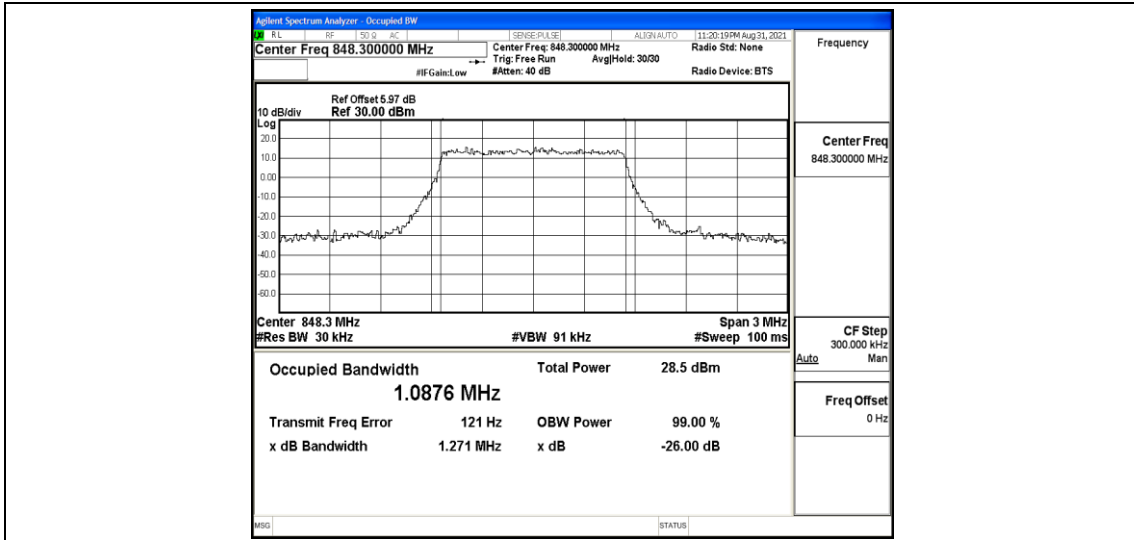
Band5-1.4MHz-16QAM-20407-6RB#0



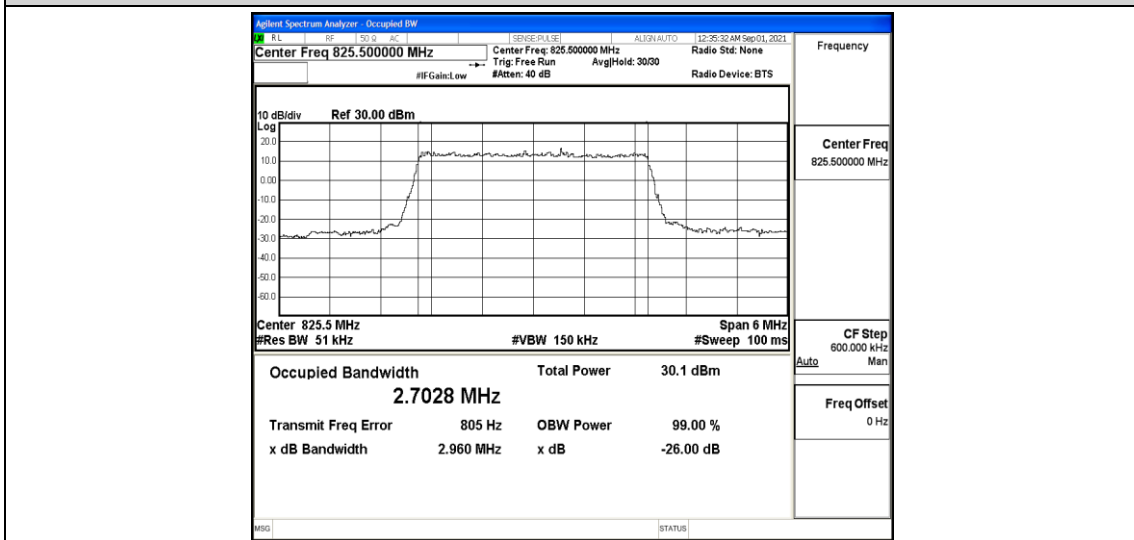
Band5-1.4MHz-16QAM-20525-6RB#0



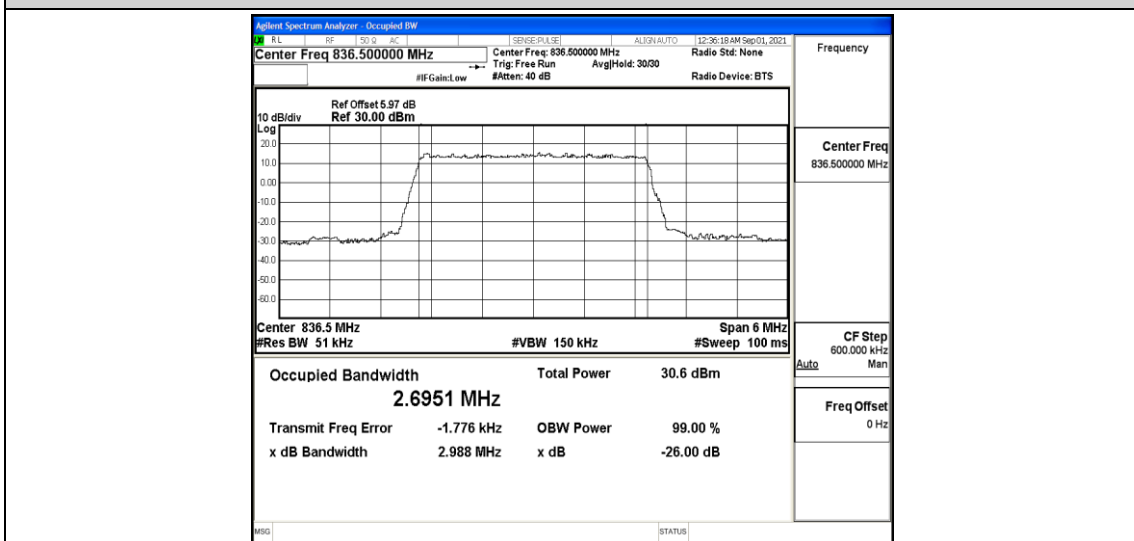
Band5-1.4MHz-16QAM-20643-6RB#0



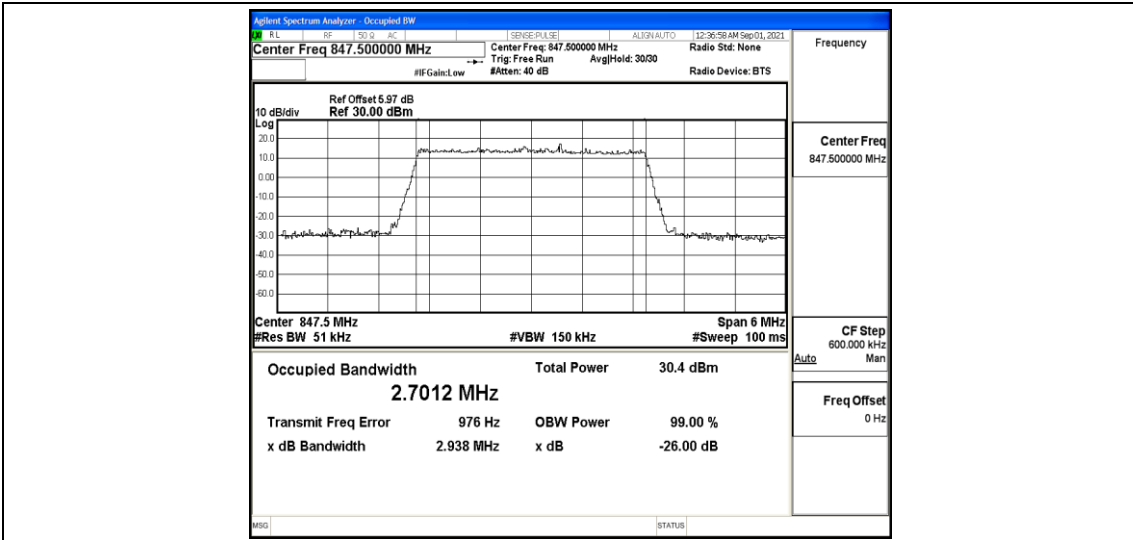
Band5-3MHz-QPSK-20415-15RB#0



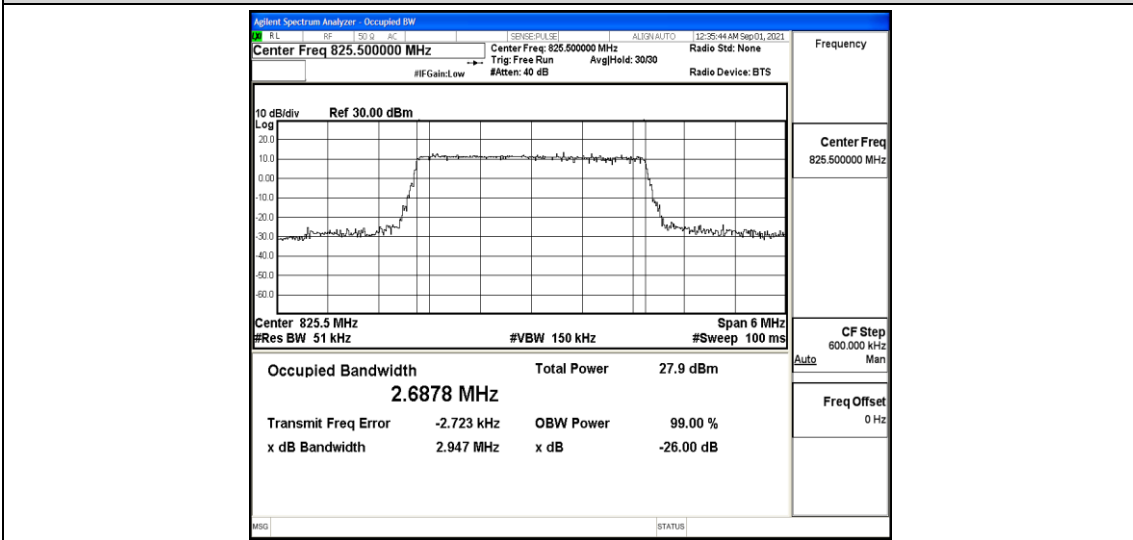
Band5-3MHz-QPSK-20525-15RB#0



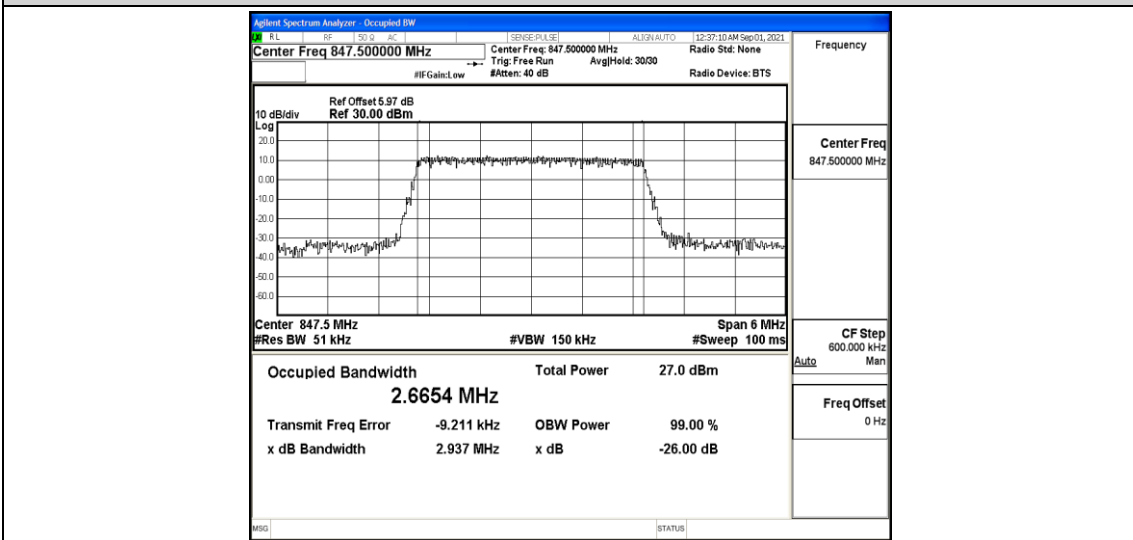
Band5-3MHz-QPSK-20635-15RB#0



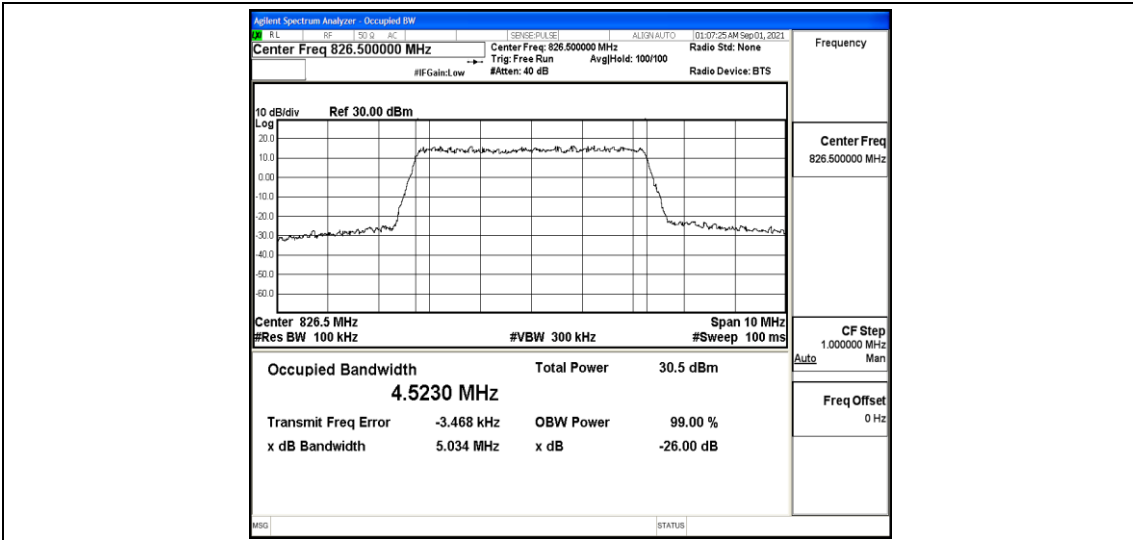
Band5-3MHz-16QAM-20415-15RB#0



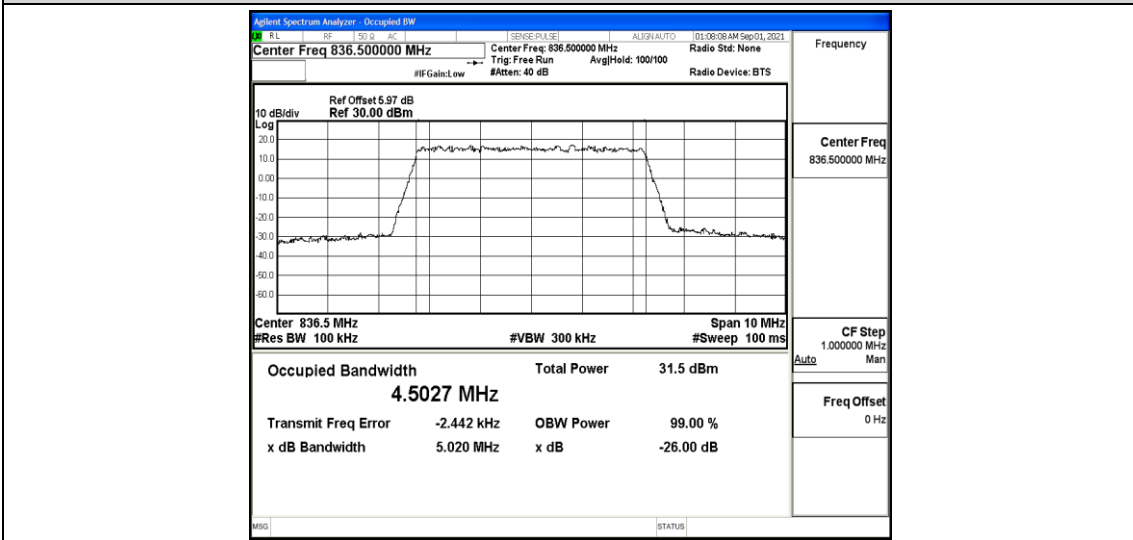
Band5-3MHz-16QAM-20635-15RB#0



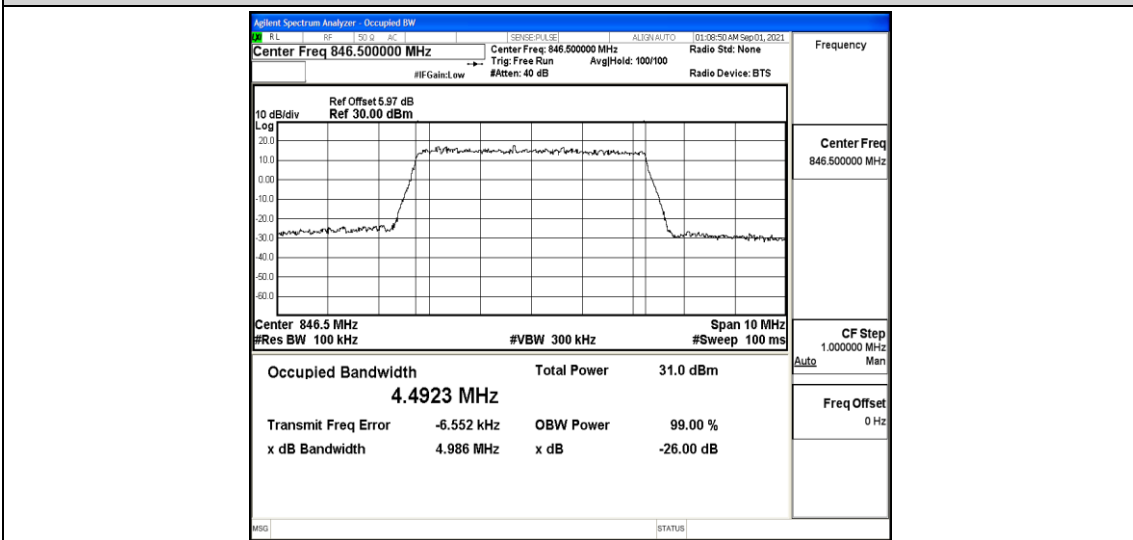
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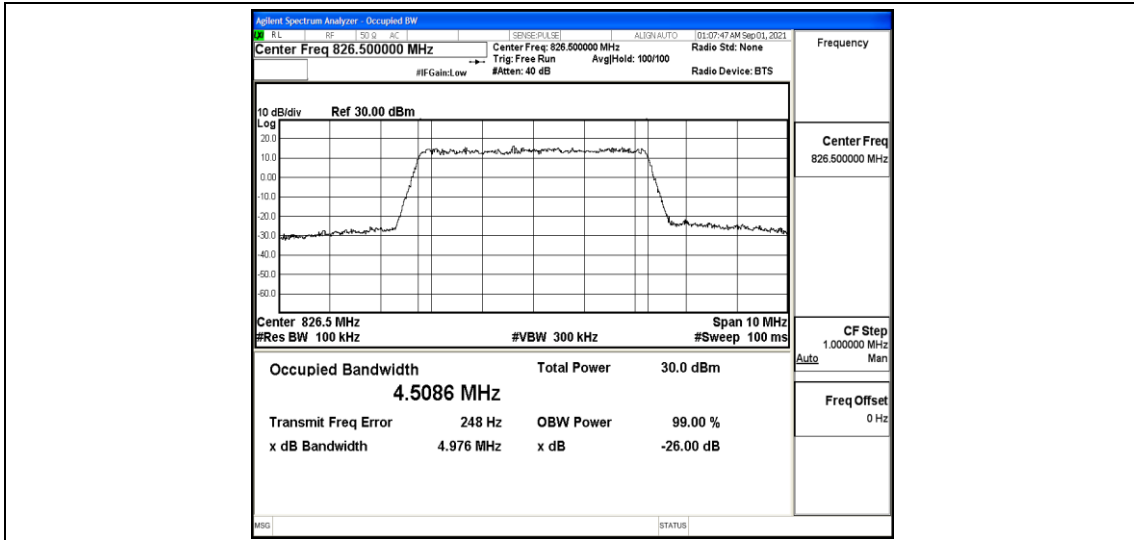
Band5-5MHz-QPSK-20525-25RB#0



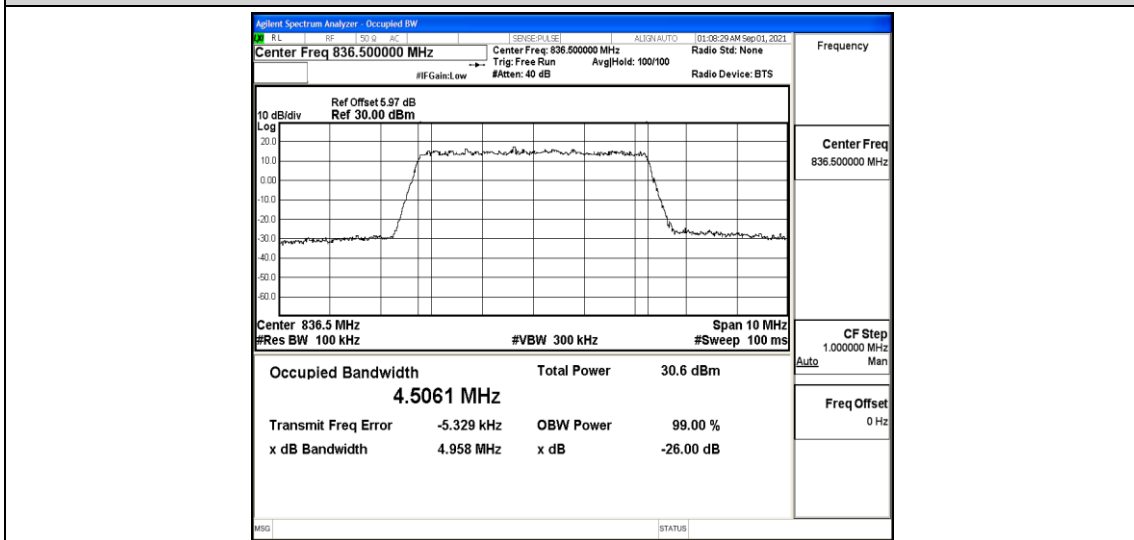
Band5-5MHz-QPSK-20625-25RB#0



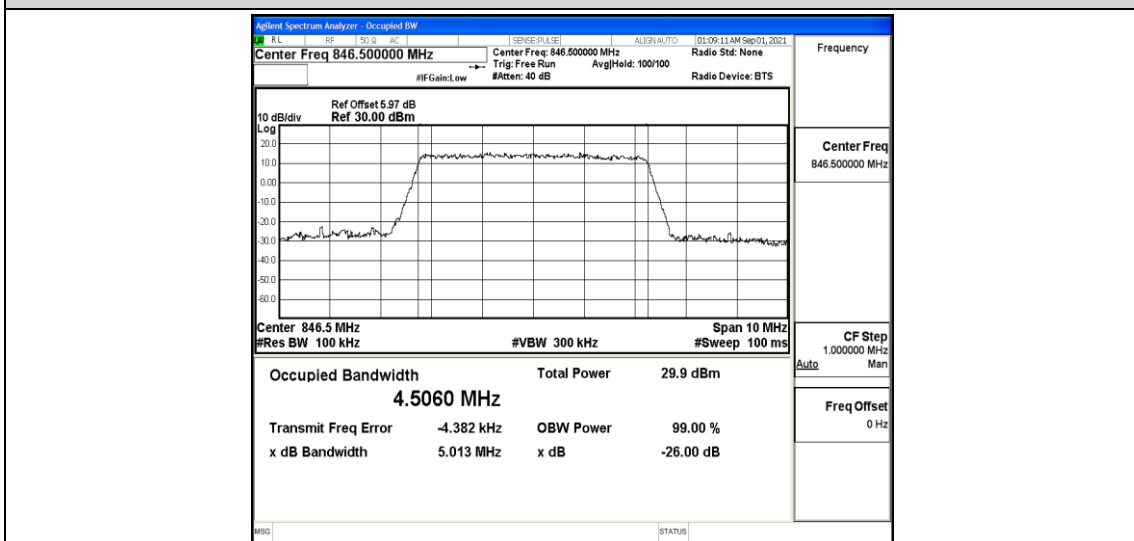
Band5-5MHz-16QAM-20425-25RB#0



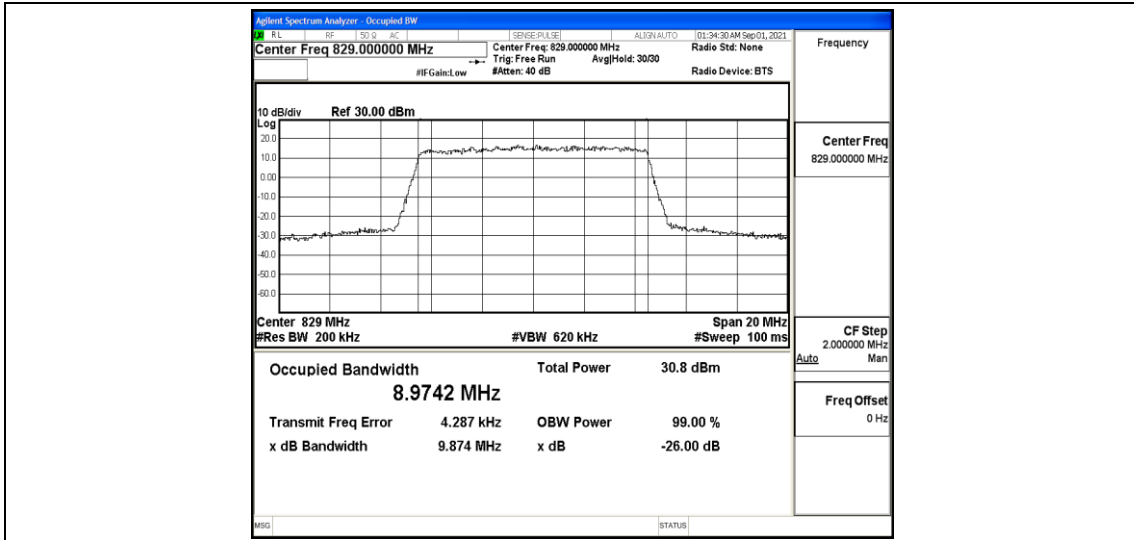
Band5-5MHz-16QAM-20525-25RB#0



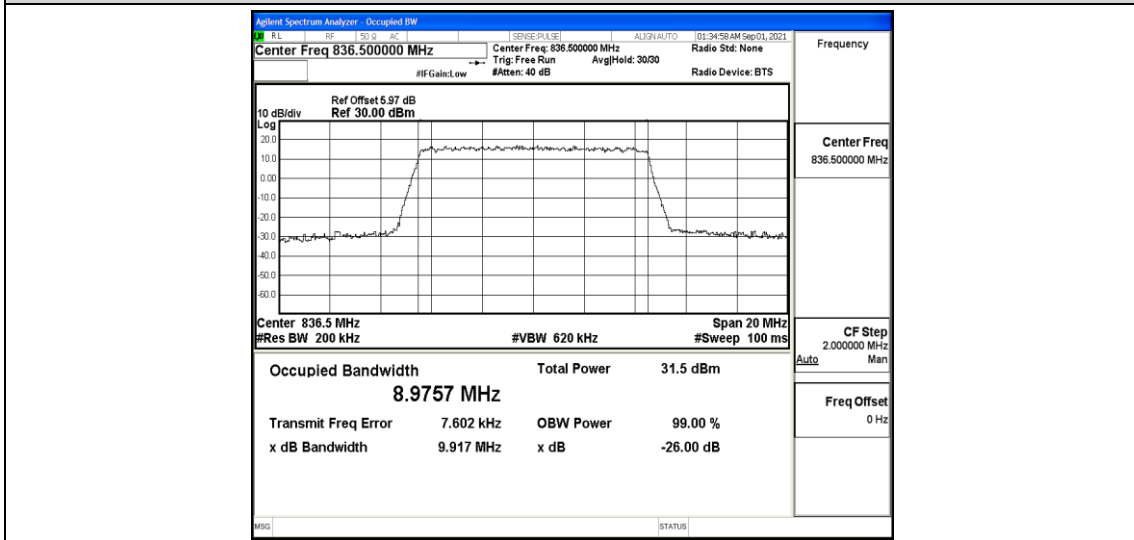
Band5-5MHz-16QAM-20625-25RB#0



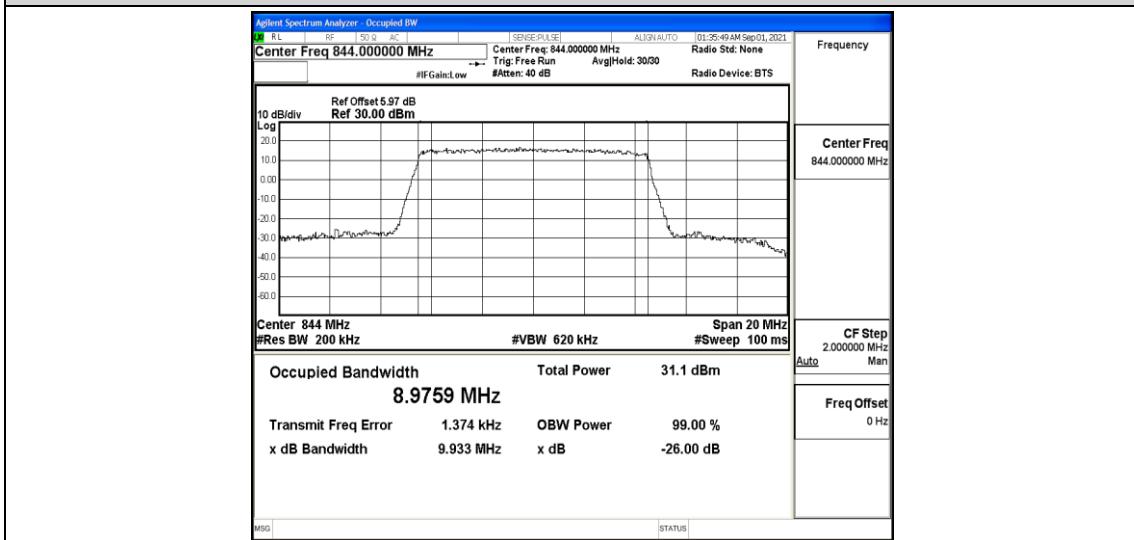
Band5-10MHz-QPSK-20450-50RB#0



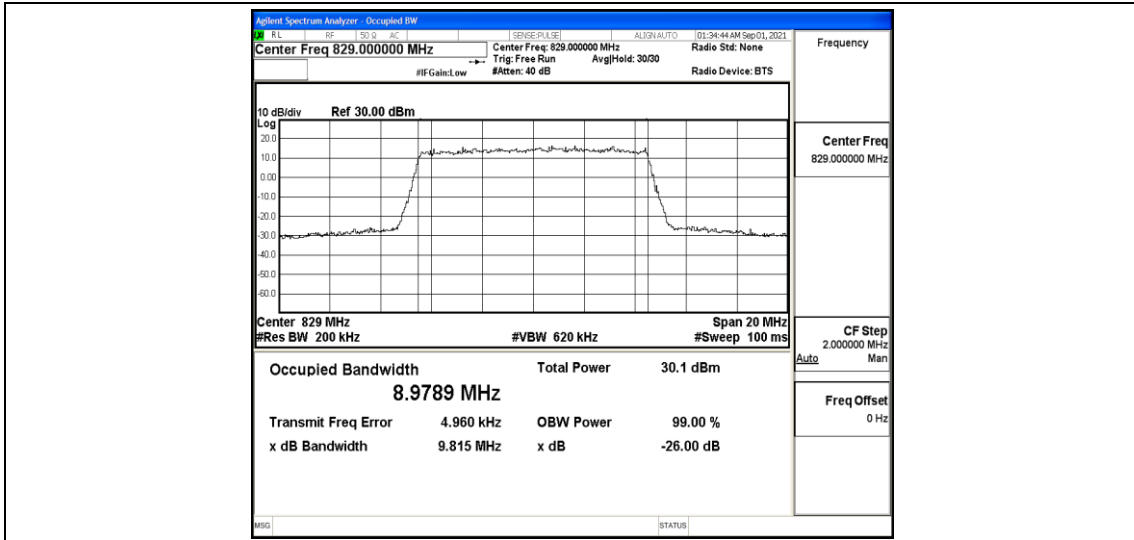
Band5-10MHz-QPSK-20525-50RB#0



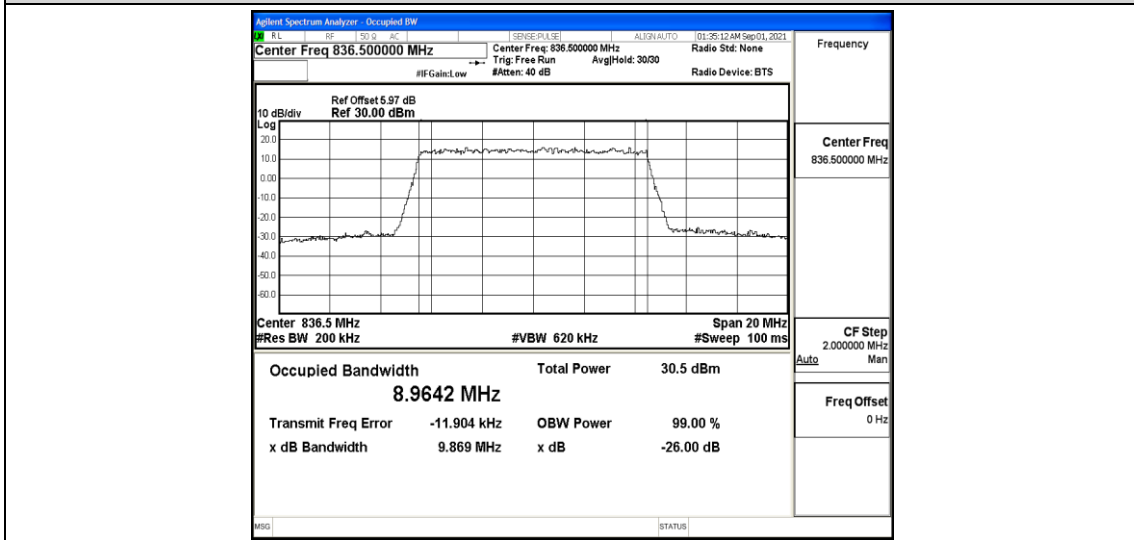
Band5-10MHz-QPSK-20600-50RB#0



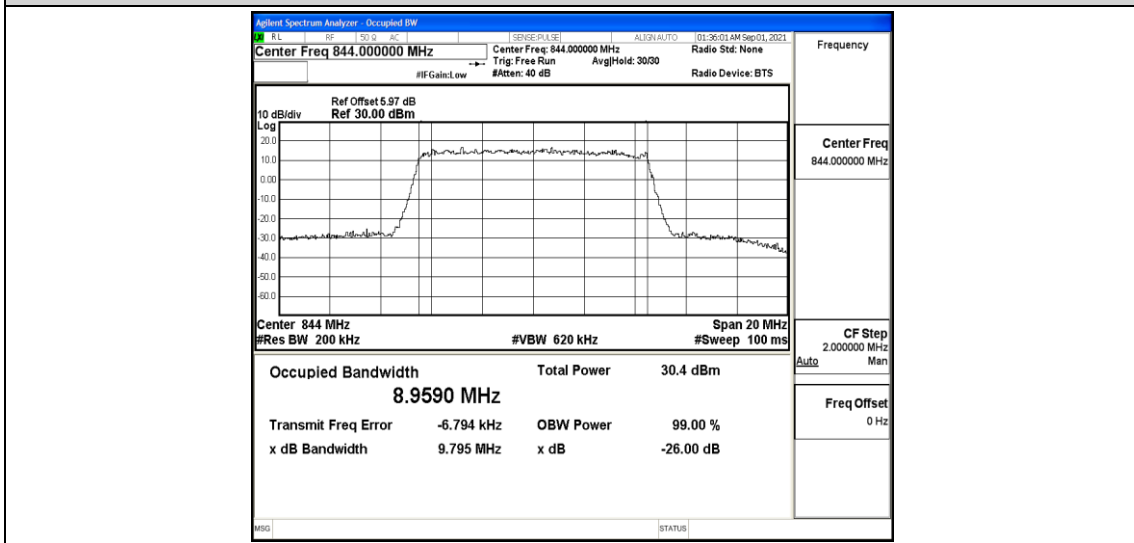
Band5-10MHz-16QAM-20450-50RB#0



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



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



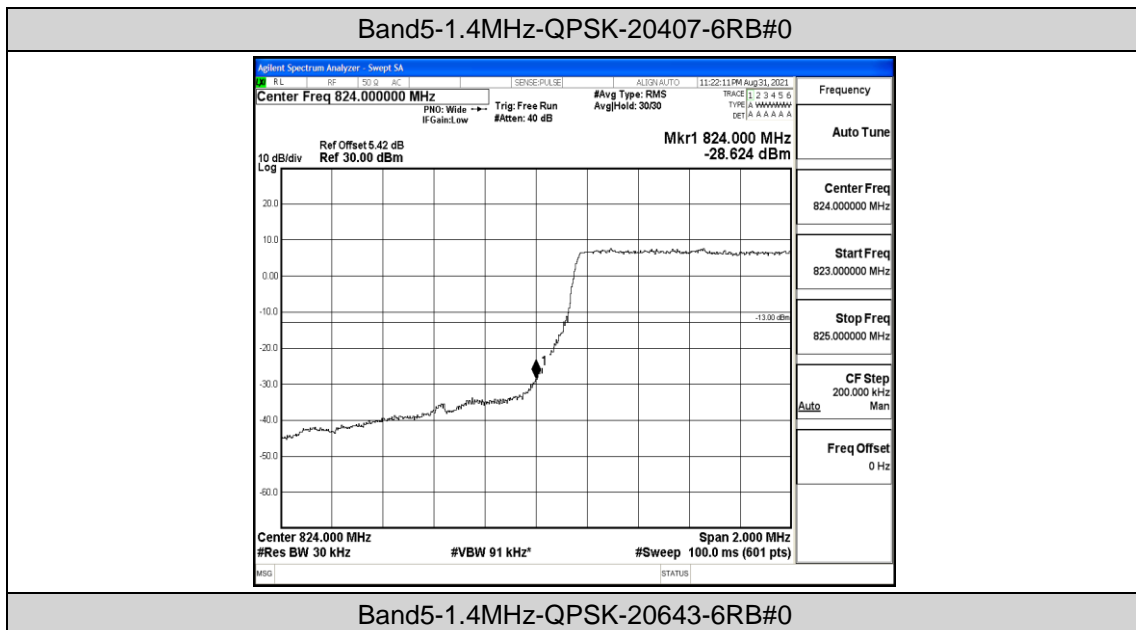


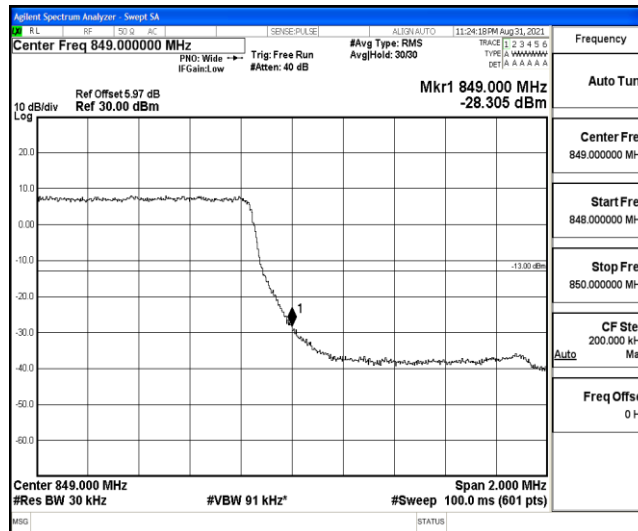
C.4 Band Edge

Test Result

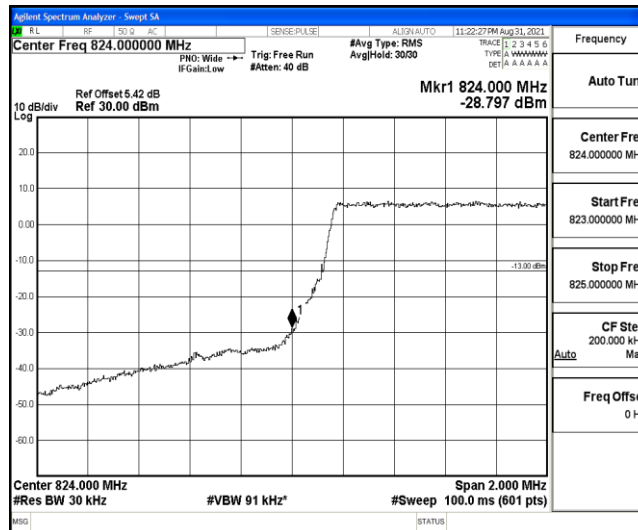
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-28.62	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-28.31	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-28.80	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-28.40	PASS
Band5	3MHz	QPSK	20415	15RB#0	-24.95	PASS
Band5	3MHz	QPSK	20635	15RB#0	-27.27	PASS
Band5	3MHz	16QAM	20415	15RB#0	-27.25	PASS
Band5	3MHz	16QAM	20635	15RB#0	-28.16	PASS
Band5	5MHz	QPSK	20425	25RB#0	-25.83	PASS
Band5	5MHz	QPSK	20625	25RB#0	-26.61	PASS
Band5	5MHz	16QAM	20425	25RB#0	-27.30	PASS
Band5	5MHz	16QAM	20625	25RB#0	-26.88	PASS
Band5	10MHz	QPSK	20450	50RB#0	-29.26	PASS
Band5	10MHz	QPSK	20600	50RB#0	-29.86	PASS
Band5	10MHz	16QAM	20450	50RB#0	-30.83	PASS
Band5	10MHz	16QAM	20600	50RB#0	-30.90	PASS

Test Graphs

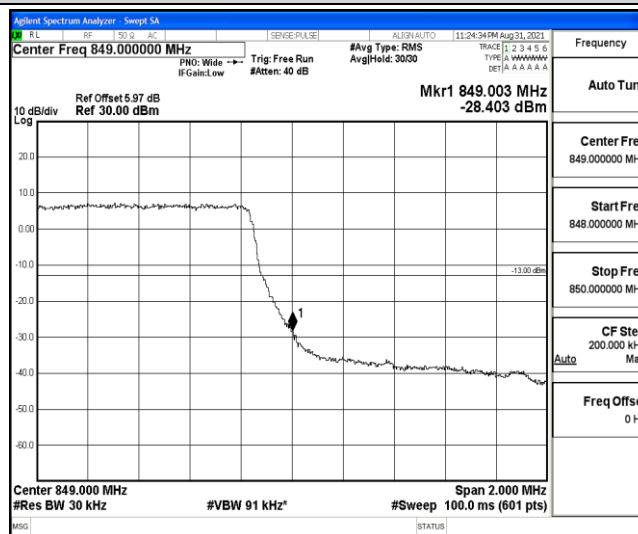




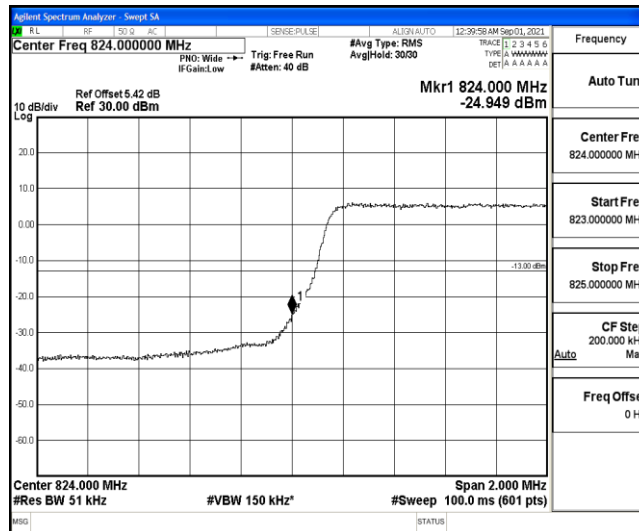
Band5-1.4MHz-16QAM-20407-6RB#0



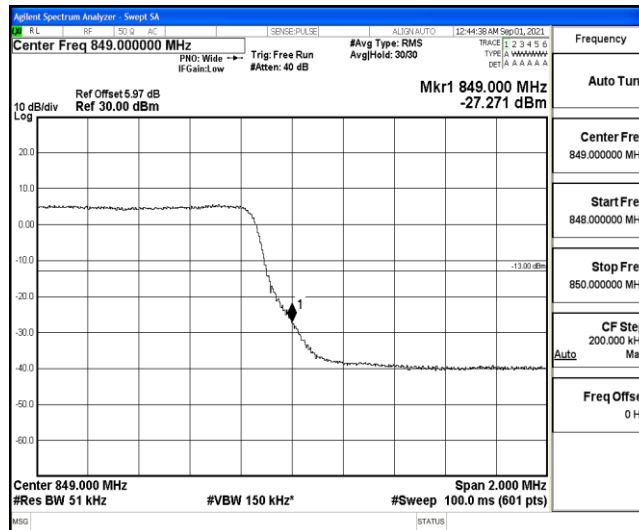
Band5-1.4MHz-16QAM-20643-6RB#0



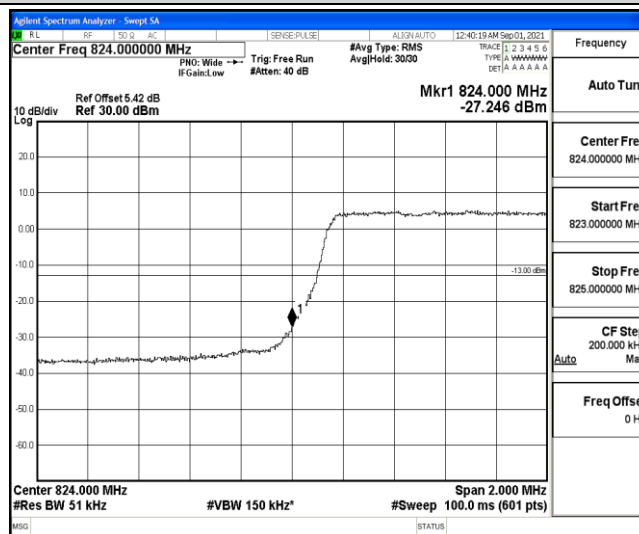
Band5-3MHz-QPSK-20415-15RB#0



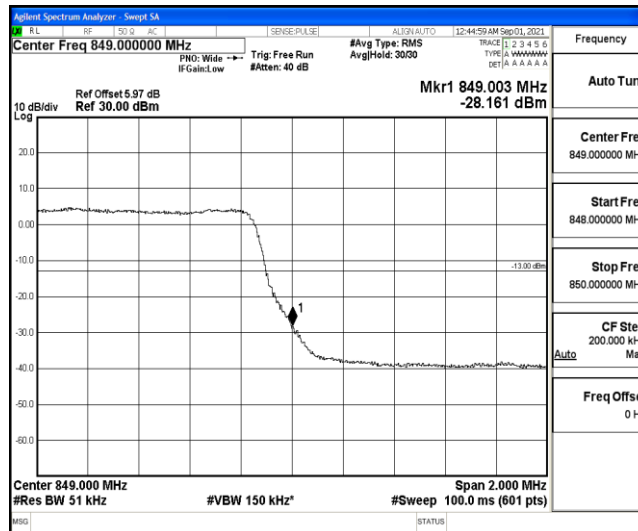
Band5-3MHz-QPSK-20635-15RB#0



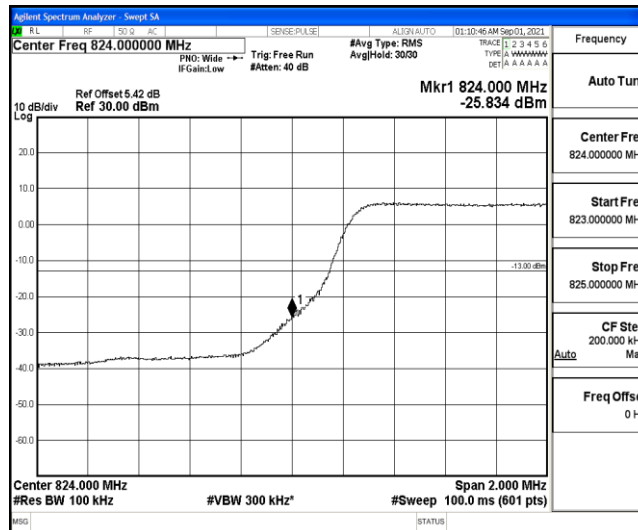
Band5-3MHz-16QAM-20415-15RB#0



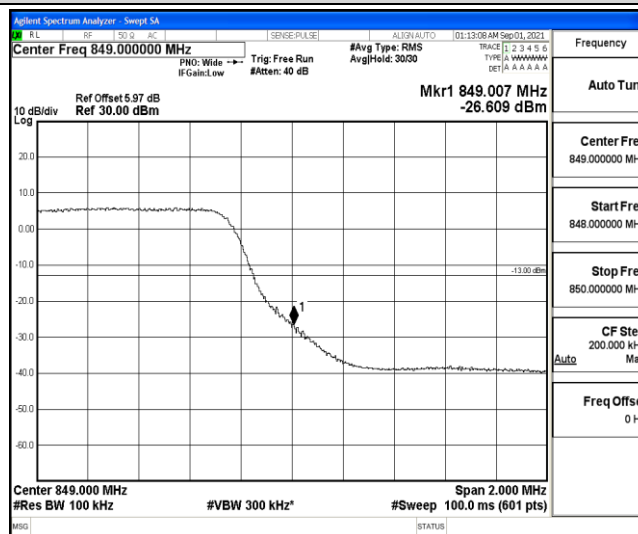
Band5-3MHz-16QAM-20635-15RB#0



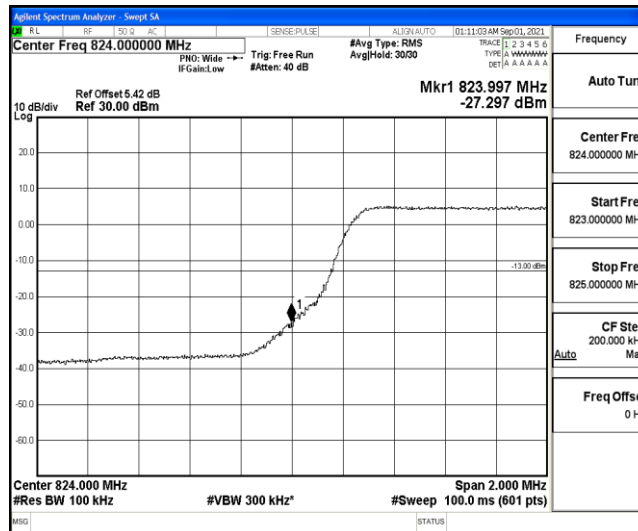
Band5-5MHz-QPSK-20425-25RB#0



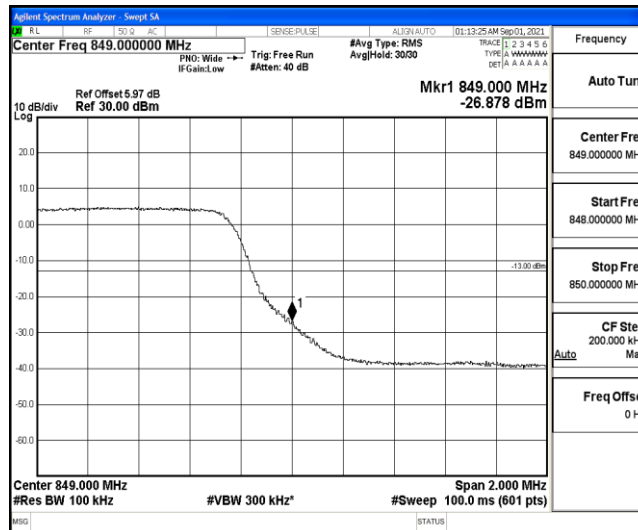
Band5-5MHz-QPSK-20625-25RB#0



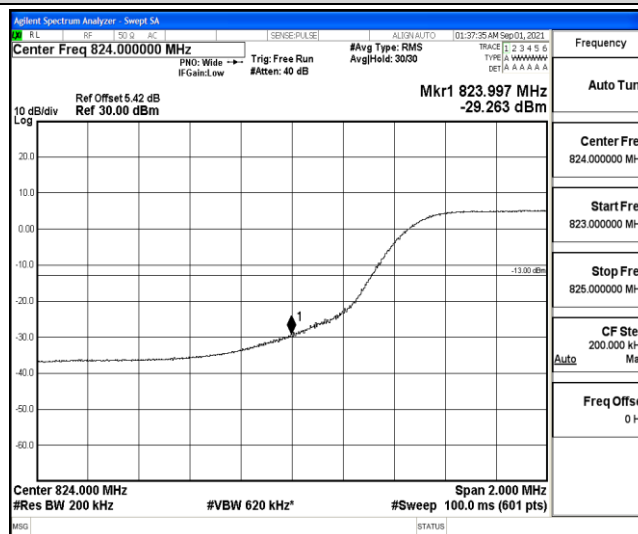
Band5-5MHz-16QAM-20425-25RB#0



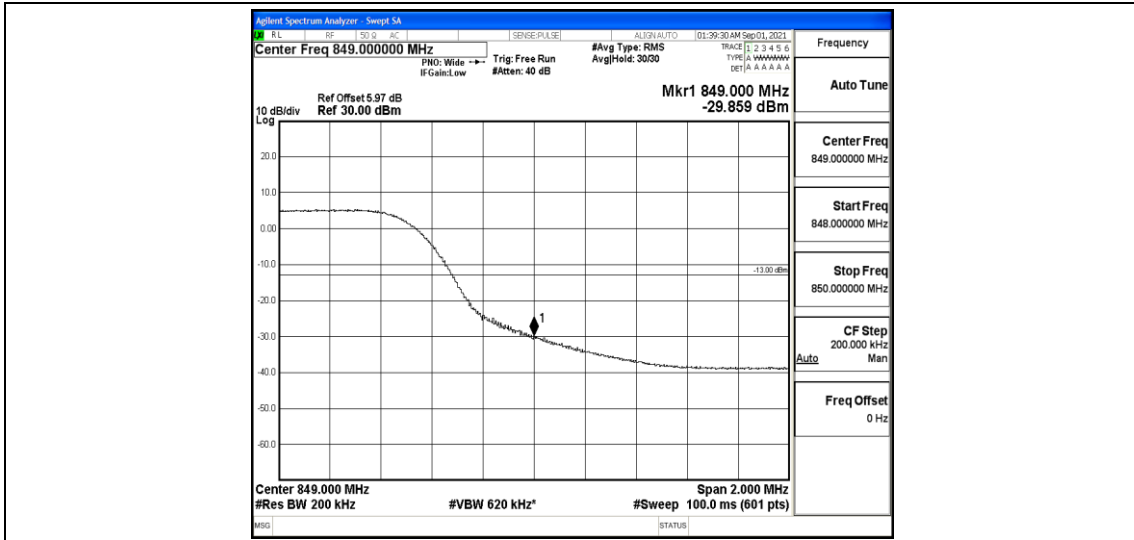
Band5-5MHz-16QAM-20625-25RB#0



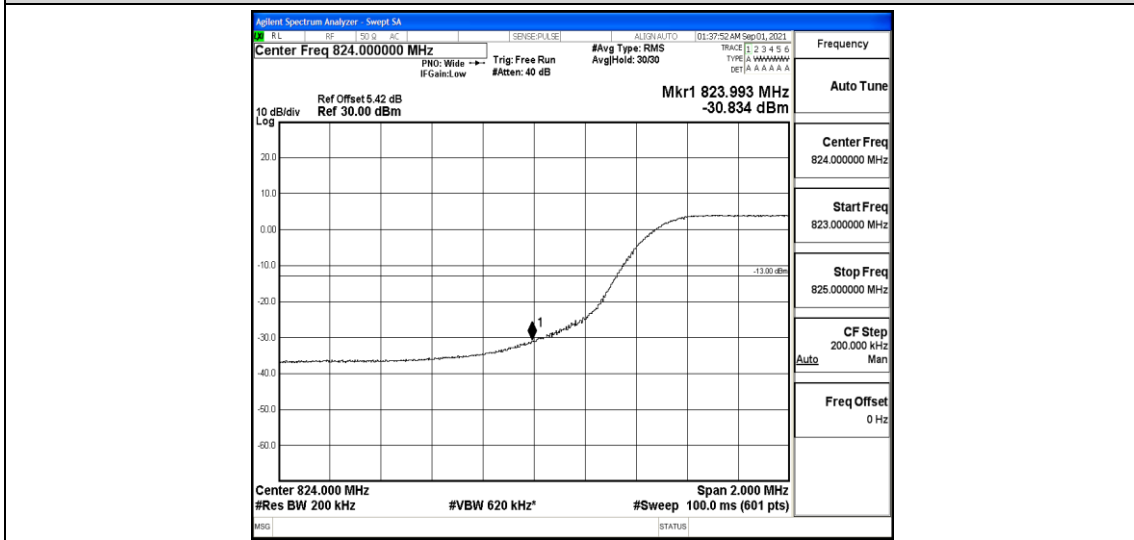
Band5-10MHz-QPSK-20450-50RB#0



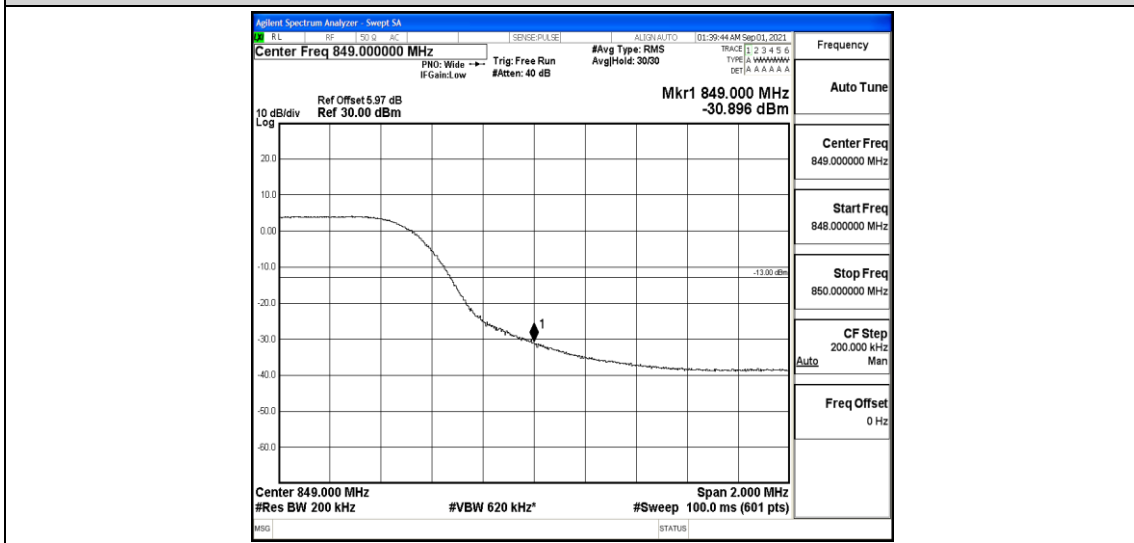
Band5-10MHz-QPSK-20600-50RB#0



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



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





C.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	-56.69	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:0.15~30MHz	-52.56	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range3:30~1000MHz	-42.16	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range4:1000~10000MHz	-45.36	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-54.84	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.43	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.68	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45.46	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:0.009~0.15MHz	-54.59	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:0.15~30MHz	-52.8	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range3:30~1000MHz	-42.57	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range4:1000~10000MHz	-45.51	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:0.009~0.15MHz	-55.74	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:0.15~30MHz	-52.26	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range3:30~1000MHz	-42.22	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range4:1000~10000MHz	-45.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.81	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-52.26	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-42.05	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-45.5	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:0.009~0.15MHz	-55.8	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:0.15~30MHz	-51.06	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range3:30~1000MHz	-41.31	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range4:1000~10000MHz	-45.57	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:0.009~0.15MHz	-55.41	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:0.15~30MHz	-51.38	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range3:30~1000MHz	-41.65	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range4:1000~10000MHz	-45.29	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.56	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.2	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-42.25	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45.41	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:0.009~0.15MHz	-55.92	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:0.15~30MHz	-50.71	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range3:30~1000MHz	-42.1	PASS

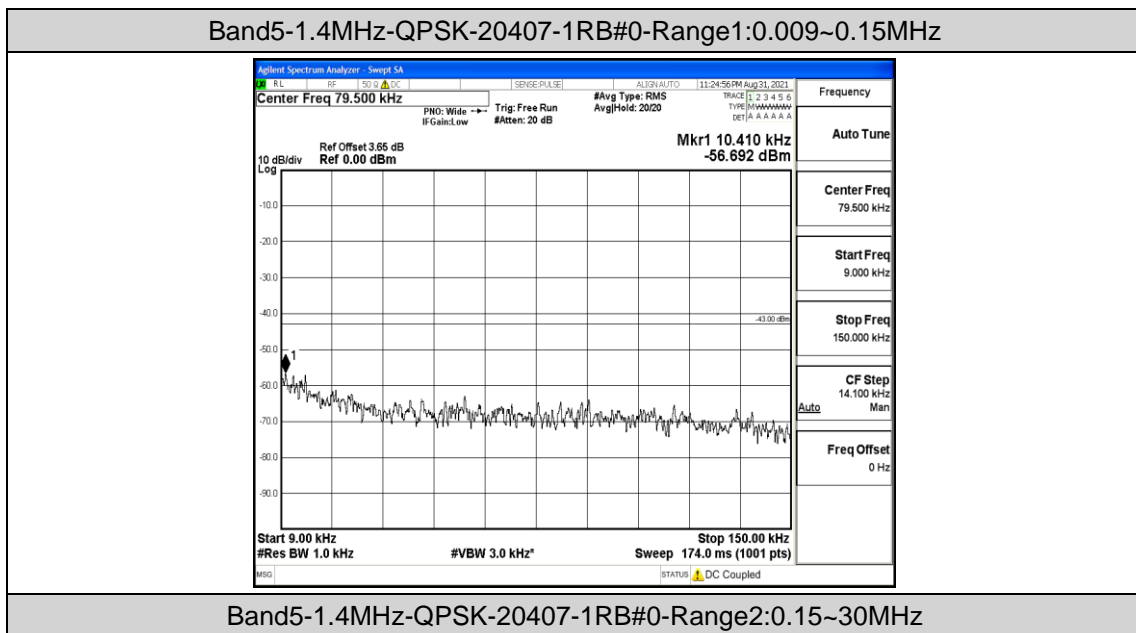


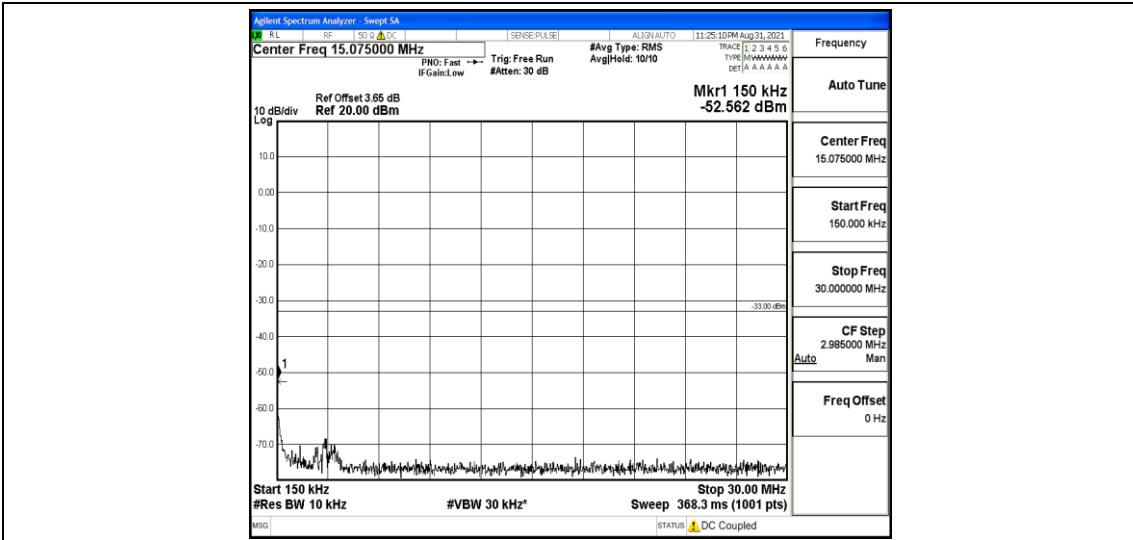
Band5	3MHz	QPSK	20635	1RB#0	Range4:1000~10000MHz	-45.35	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:0.009~0.15MHz	-54.73	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:0.15~30MHz	-52.04	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range3:30~1000MHz	-42	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range4:1000~10000MHz	-45.52	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-56.81	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-51.1	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-41.94	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-45.28	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:0.009~0.15MHz	-56.95	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:0.15~30MHz	-51.76	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range3:30~1000MHz	-41.85	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range4:1000~10000MHz	-45.48	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:0.009~0.15MHz	-56.09	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:0.15~30MHz	-52.08	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range3:30~1000MHz	-41.36	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range4:1000~10000MHz	-45.48	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.66	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-52.53	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.88	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45.5	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:0.009~0.15MHz	-56.1	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:0.15~30MHz	-49.1	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range3:30~1000MHz	-42.21	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range4:1000~10000MHz	-45.53	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:0.009~0.15MHz	-55.5	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:0.15~30MHz	-51.28	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range3:30~1000MHz	-42.05	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range4:1000~10000MHz	-45.55	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-56.97	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-51.46	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-41.2	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-45.42	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:0.009~0.15MHz	-53.53	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:0.15~30MHz	-52.61	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range3:30~1000MHz	-42.44	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range4:1000~10000MHz	-45.51	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:0.009~0.15MHz	-56.42	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:0.15~30MHz	-50.74	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range3:30~1000MHz	-41.64	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range4:1000~10000MHz	-45.49	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-54	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-50.83	PASS



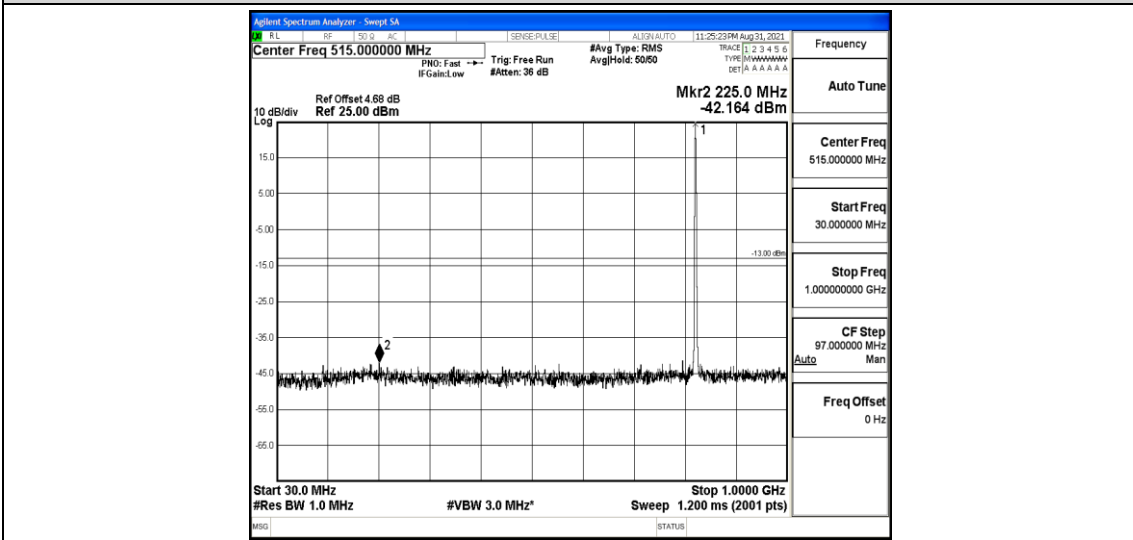
Band5	10MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-42.44	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45.43	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:0.009~0.15MHz	-56.8	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:0.15~30MHz	-53.24	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range3:30~1000MHz	-42.14	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range4:1000~10000MHz	-45.28	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:0.009~0.15MHz	-55.47	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:0.15~30MHz	-50.9	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range3:30~1000MHz	-41.24	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range4:1000~10000MHz	-45.56	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-56.29	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-53.46	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-42.09	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-45.43	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:0.009~0.15MHz	-56.71	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:0.15~30MHz	-50.92	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range3:30~1000MHz	-42.32	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range4:1000~10000MHz	-45.46	PASS

Test Graphs

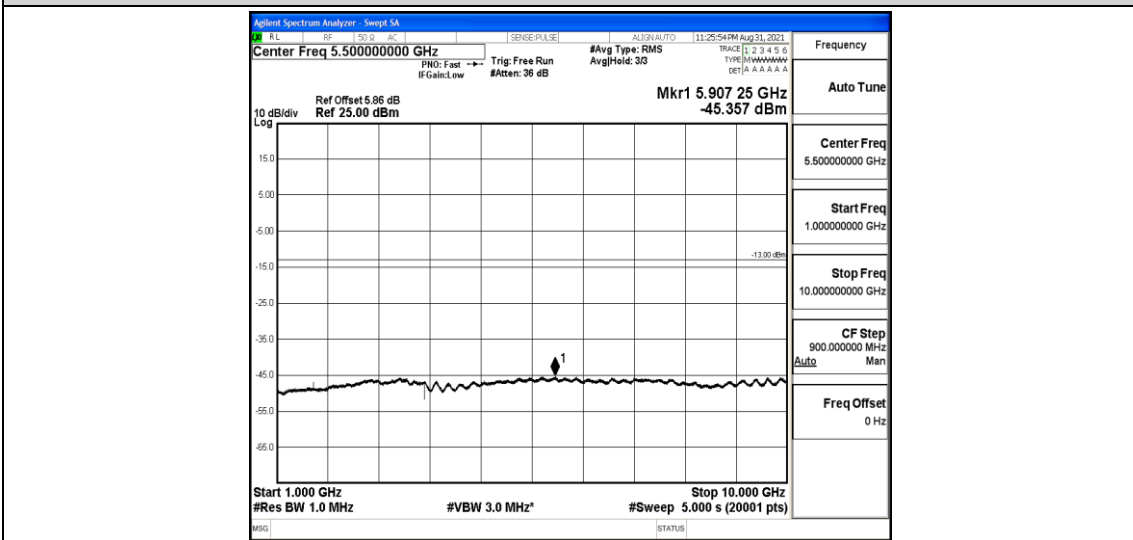




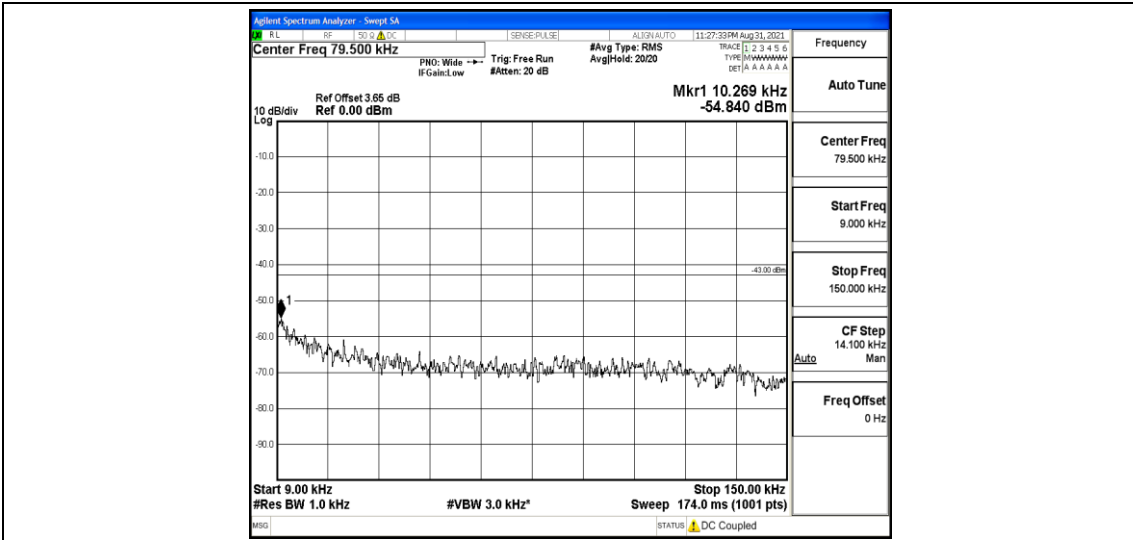
Band5-1.4MHz-QPSK-20407-1RB#0-Range3:30~1000MHz



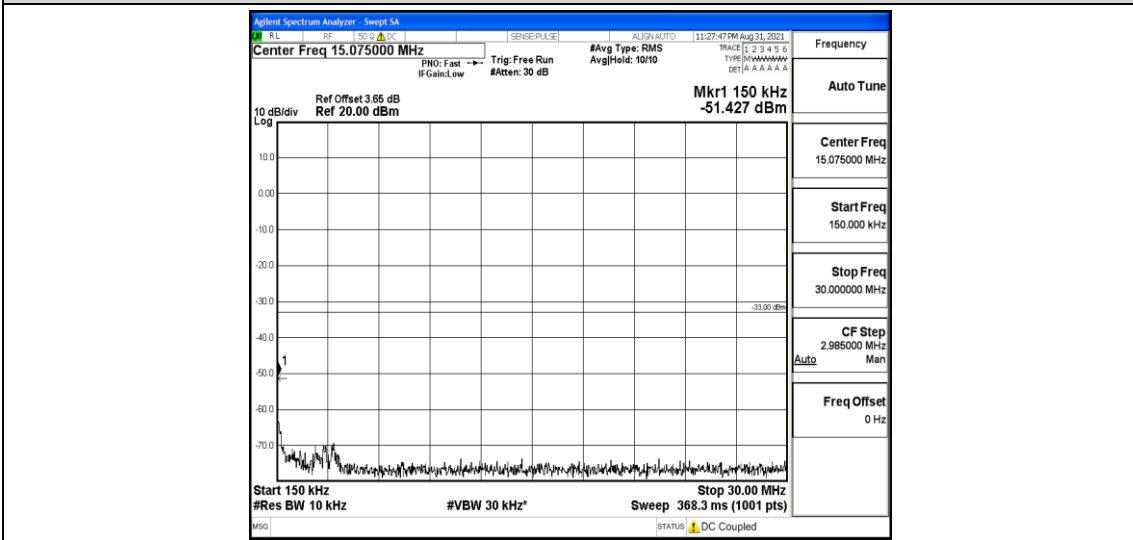
Band5-1.4MHz-QPSK-20407-1RB#0-Range4:1000~10000MHz



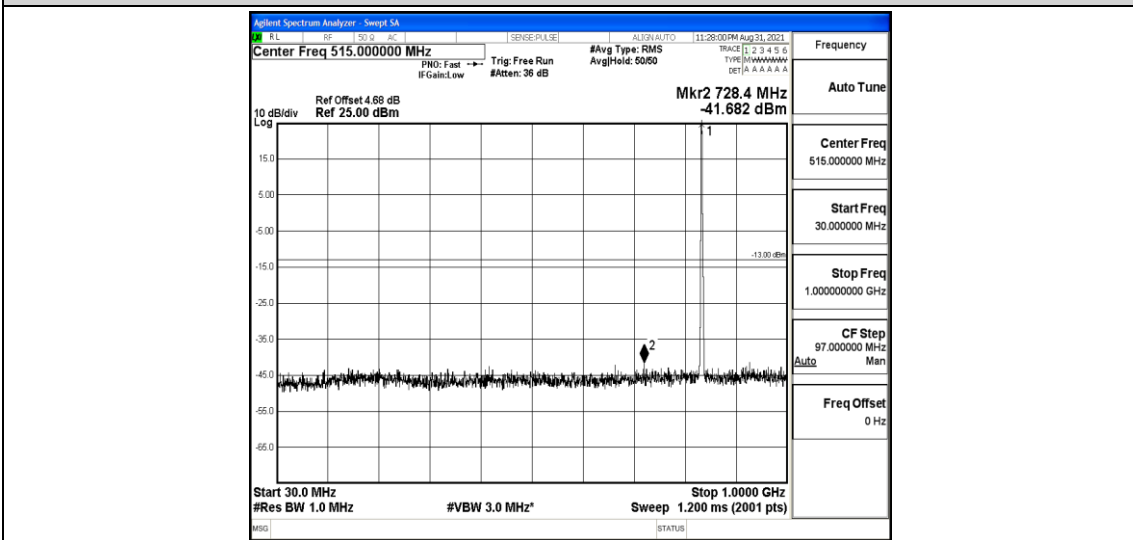
Band5-1.4MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz



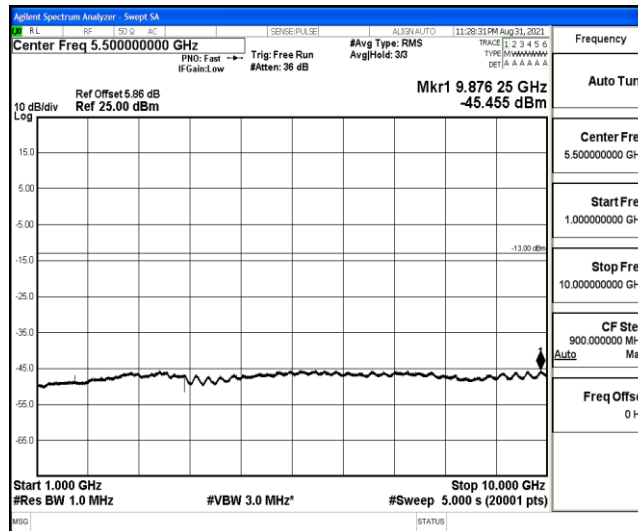
Band5-1.4MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz



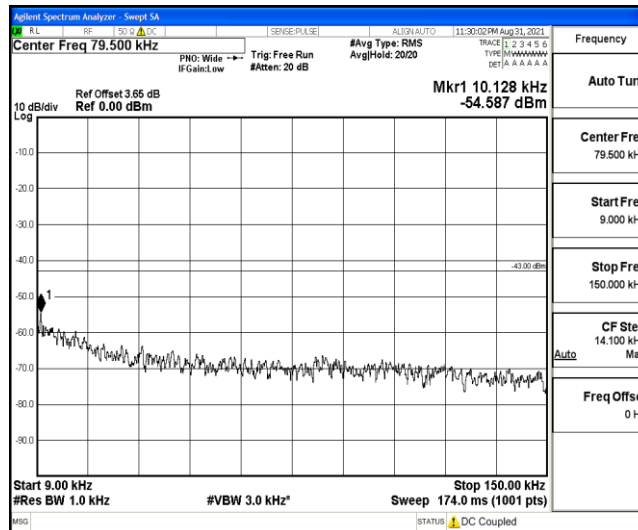
Band5-1.4MHz-QPSK-20525-1RB#0-Range3:30~1000MHz



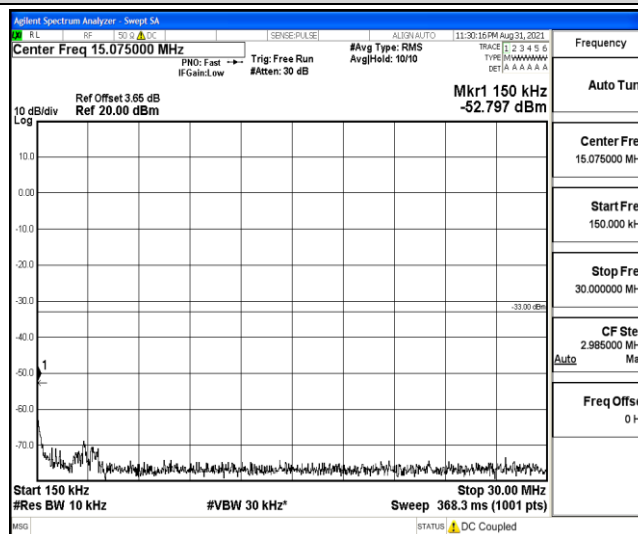
Band5-1.4MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz



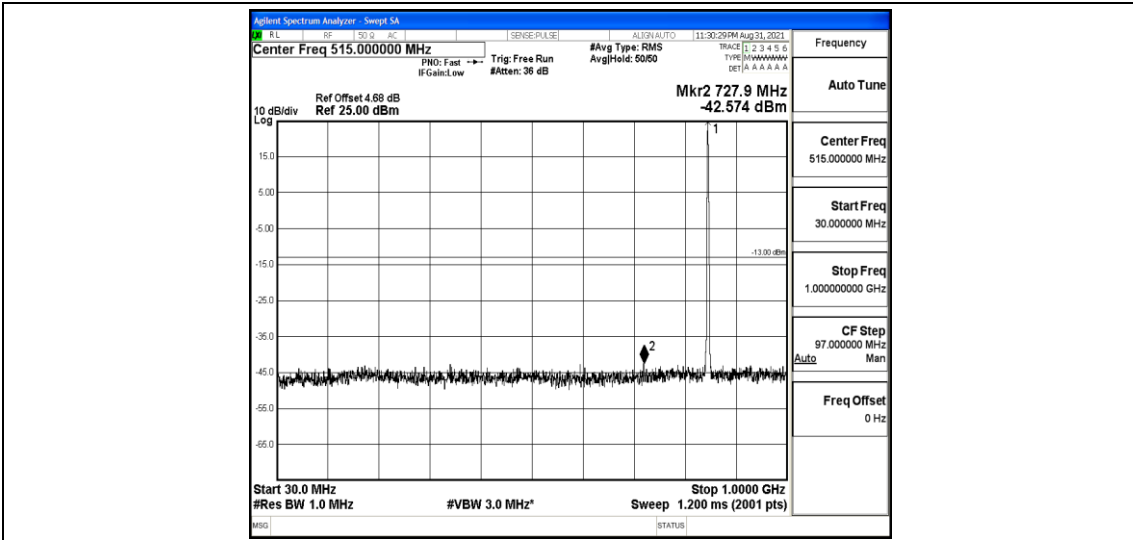
Band5-1.4MHz-QPSK-20643-1RB#0-Range1:0.009~0.15MHz



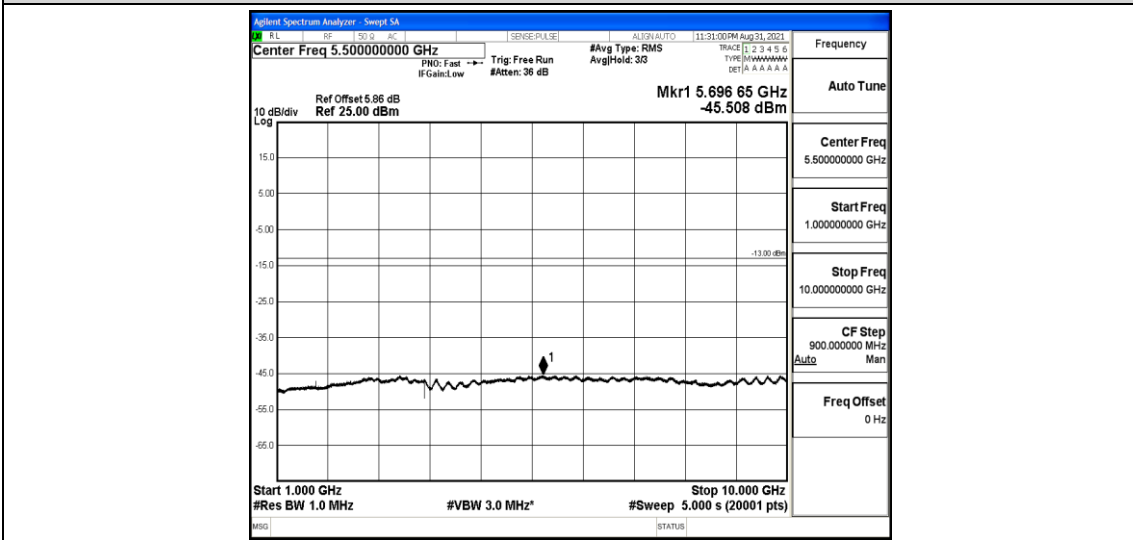
Band5-1.4MHz-QPSK-20643-1RB#0-Range2:0.15~30MHz



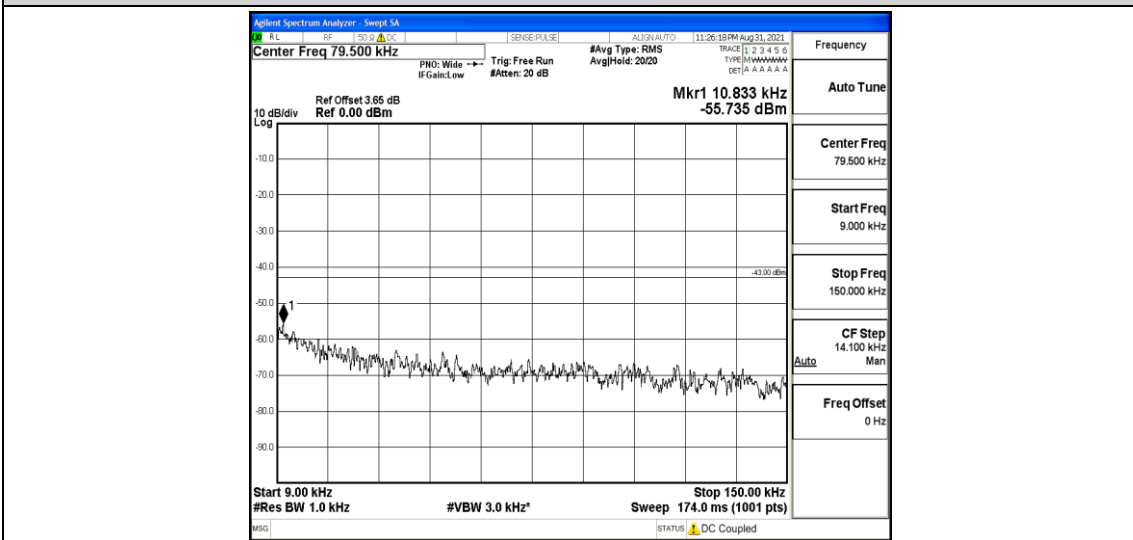
Band5-1.4MHz-QPSK-20643-1RB#0-Range3:30~1000MHz



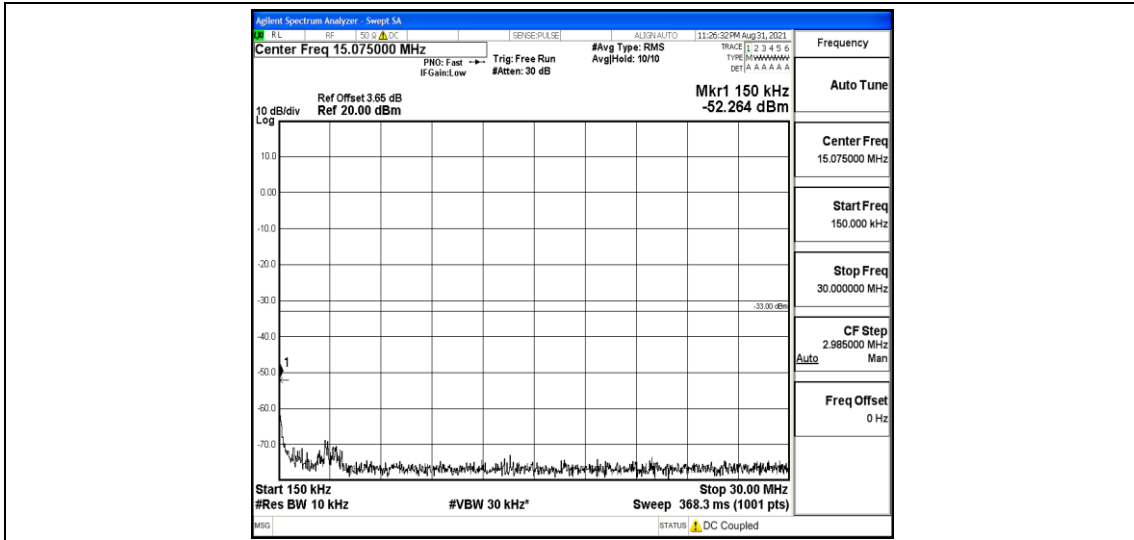
Band5-1.4MHz-QPSK-20643-1RB#0-Range4:1000~10000MHz



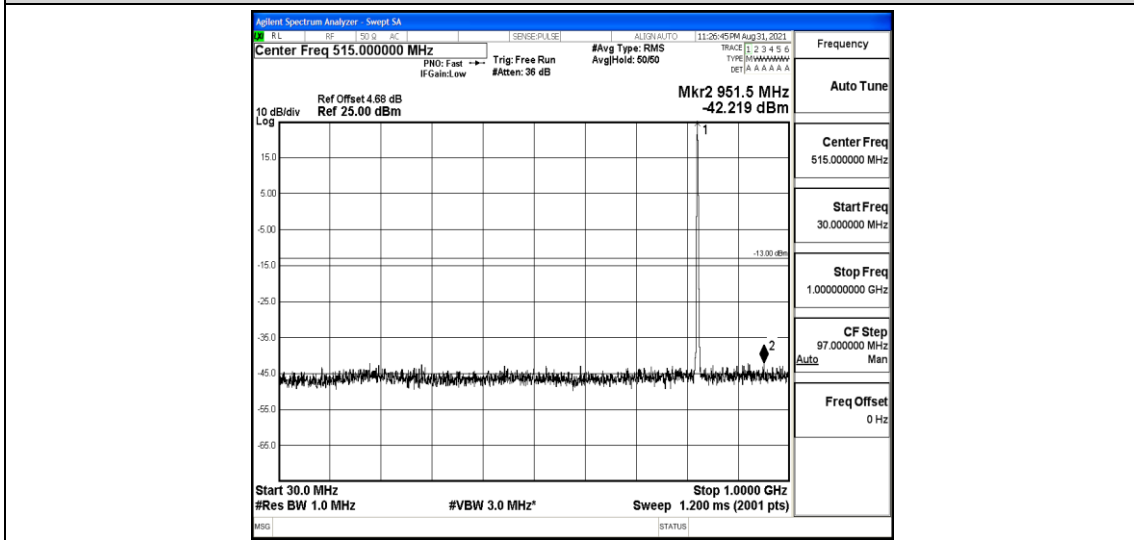
Band5-1.4MHz-16QAM-20407-1RB#0-Range1:0.009~0.15MHz



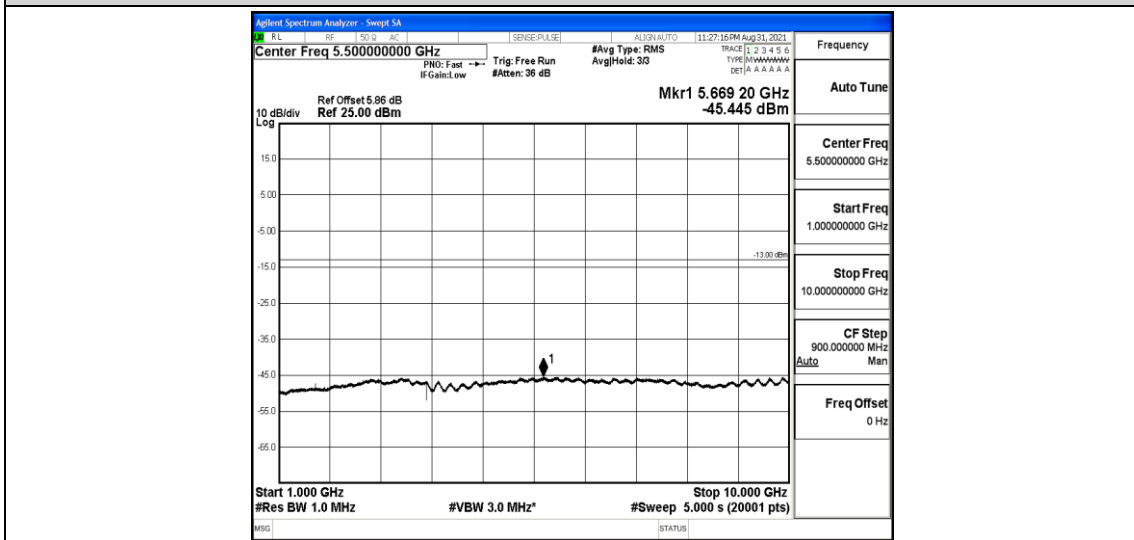
Band5-1.4MHz-16QAM-20407-1RB#0-Range2:0.15~30MHz



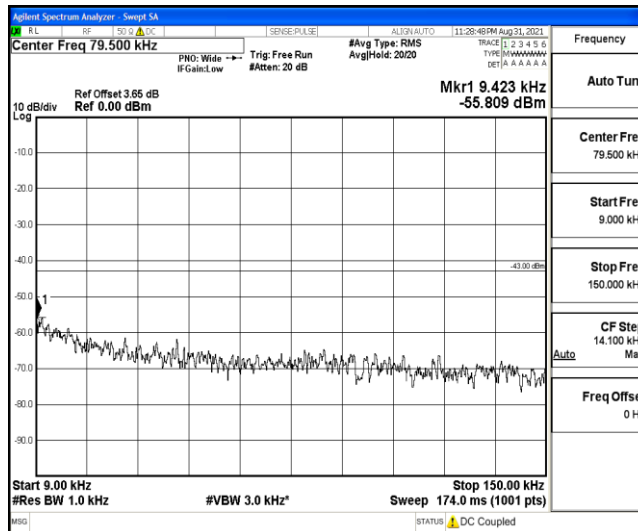
Band5-1.4MHz-16QAM-20407-1RB#0-Range3:30~1000MHz



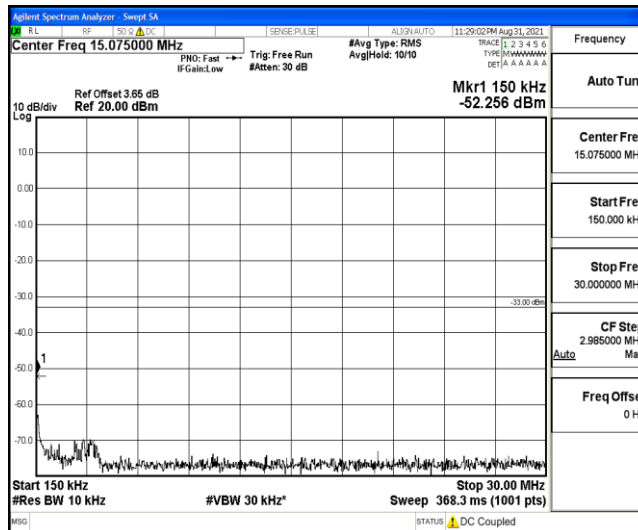
Band5-1.4MHz-16QAM-20407-1RB#0-Range4:1000~10000MHz



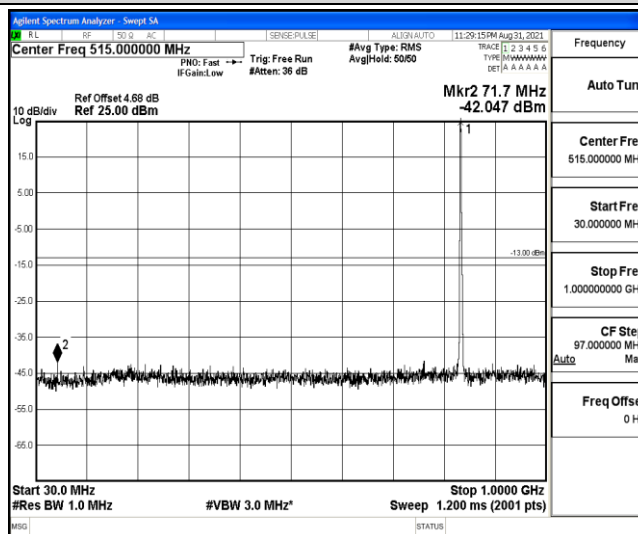
Band5-1.4MHz-16QAM-20525-1RB#0-Range1:0.009~0.15MHz



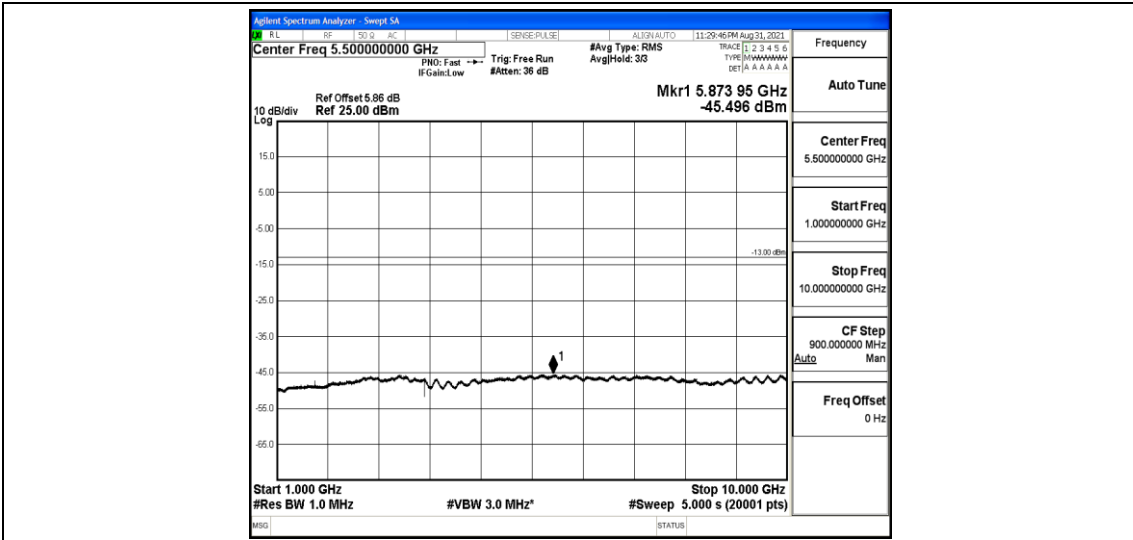
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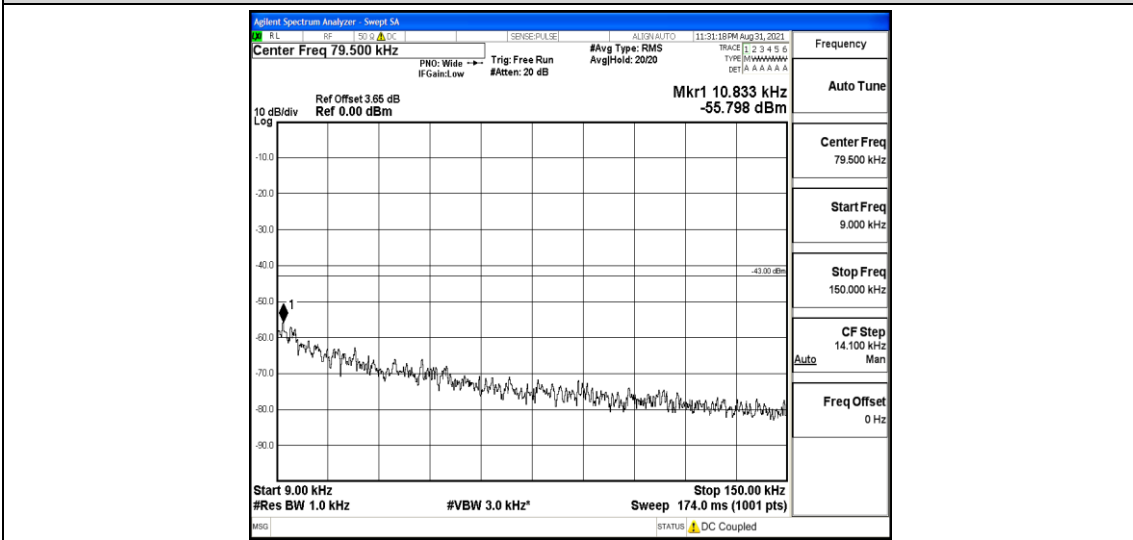
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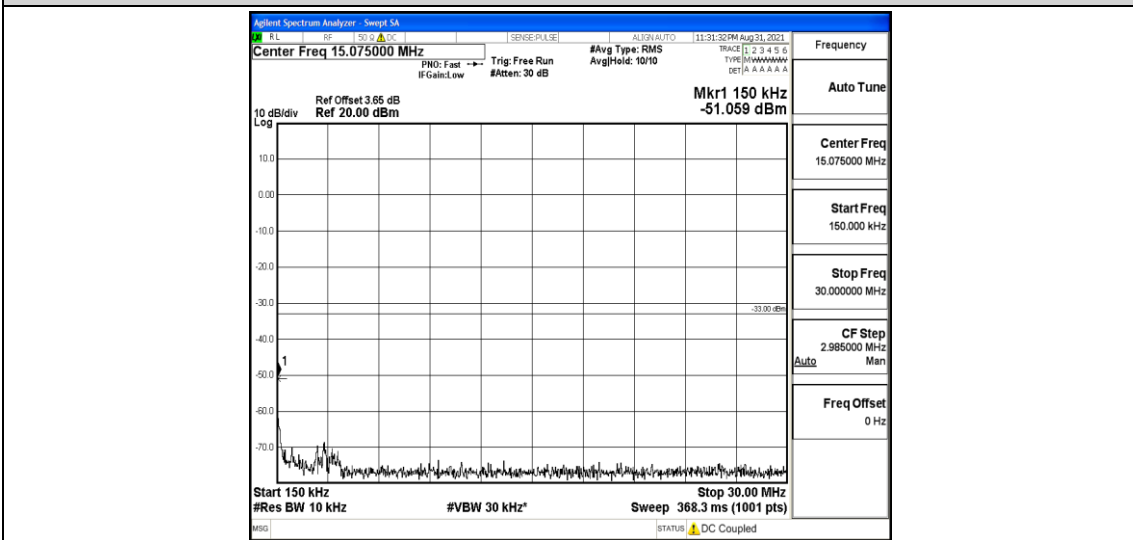
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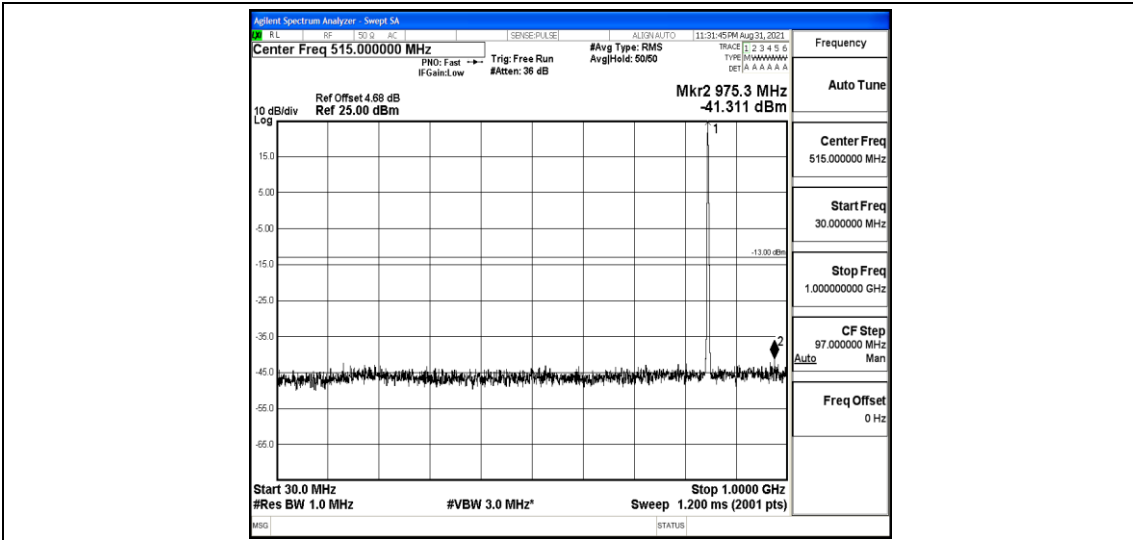
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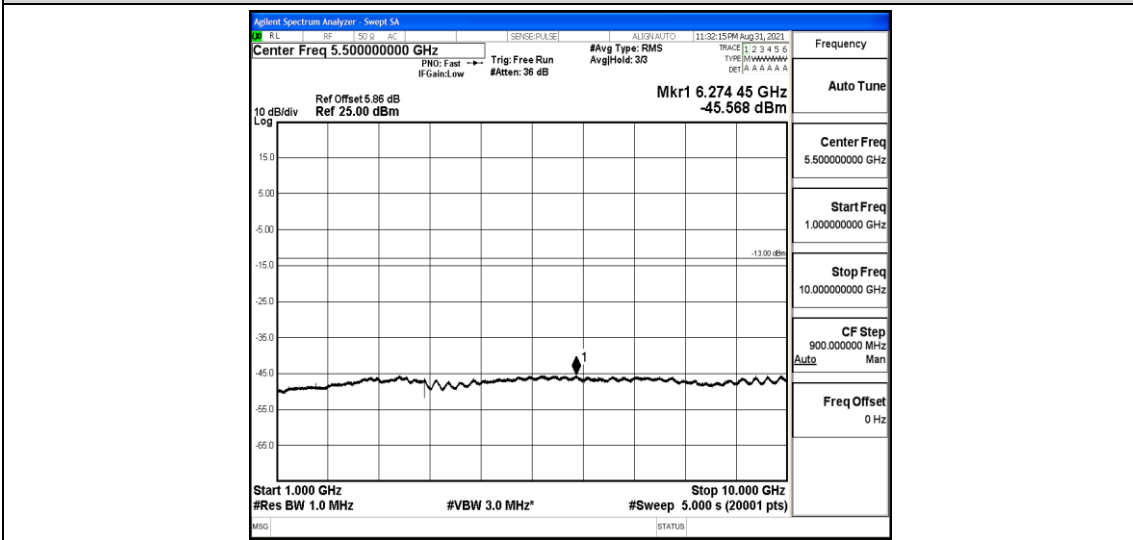
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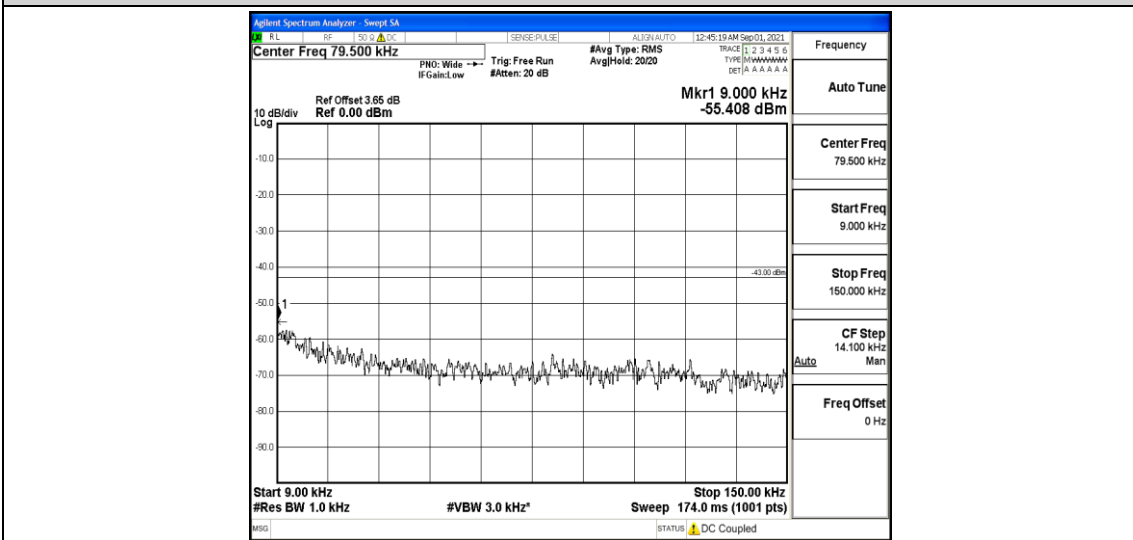
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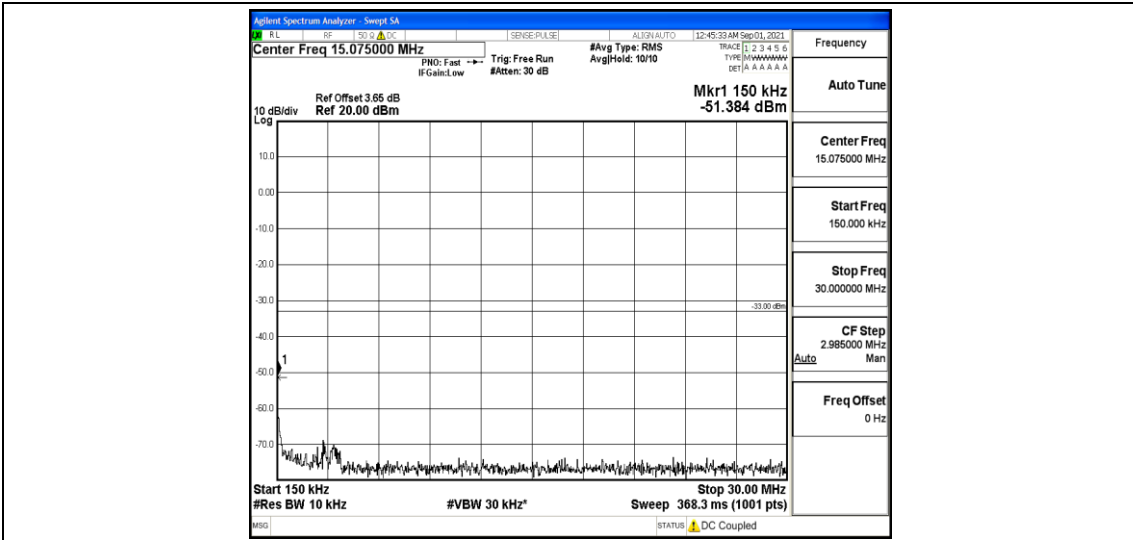
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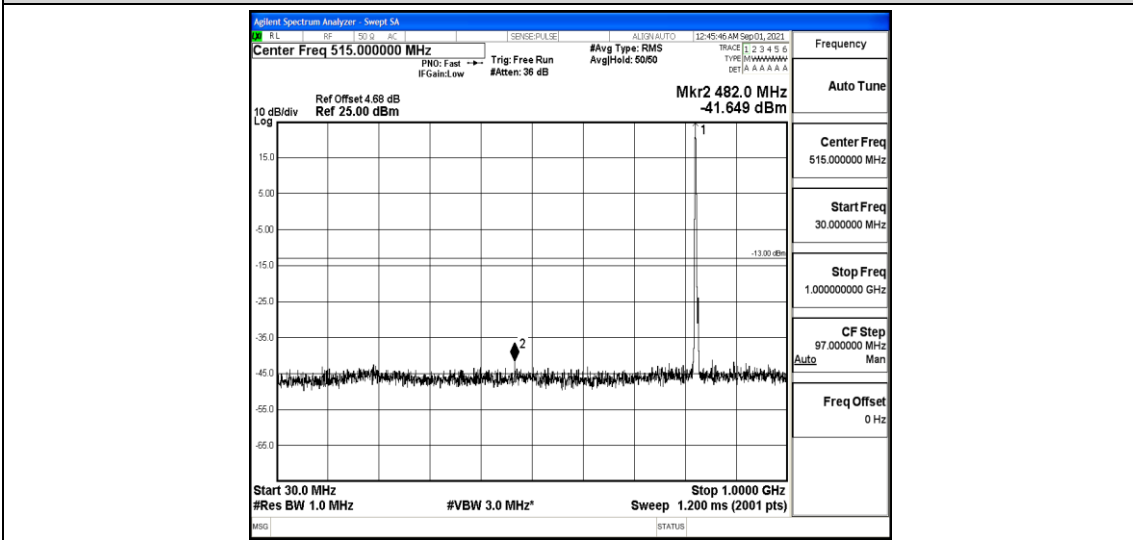
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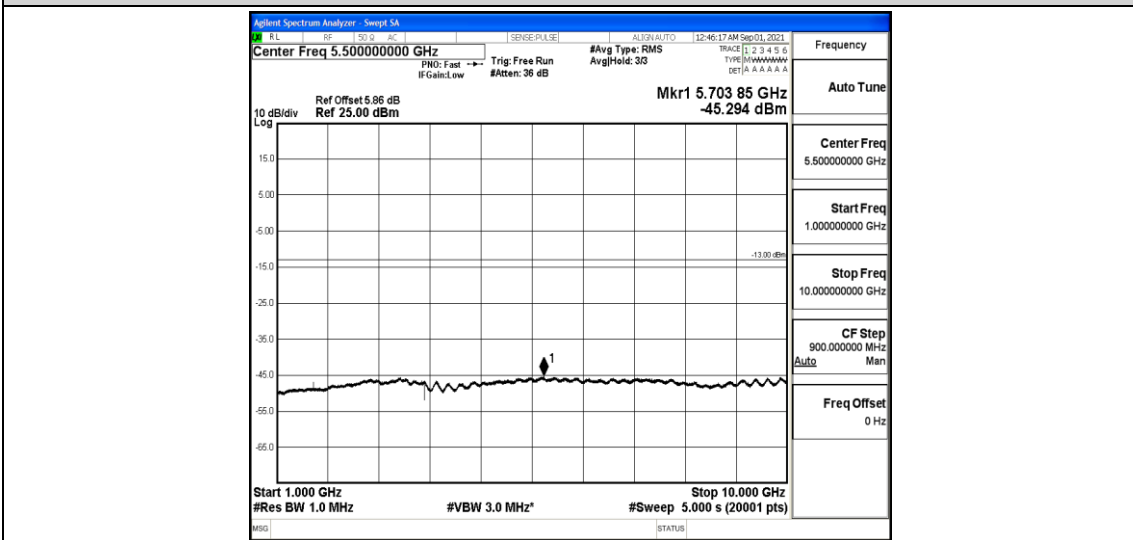
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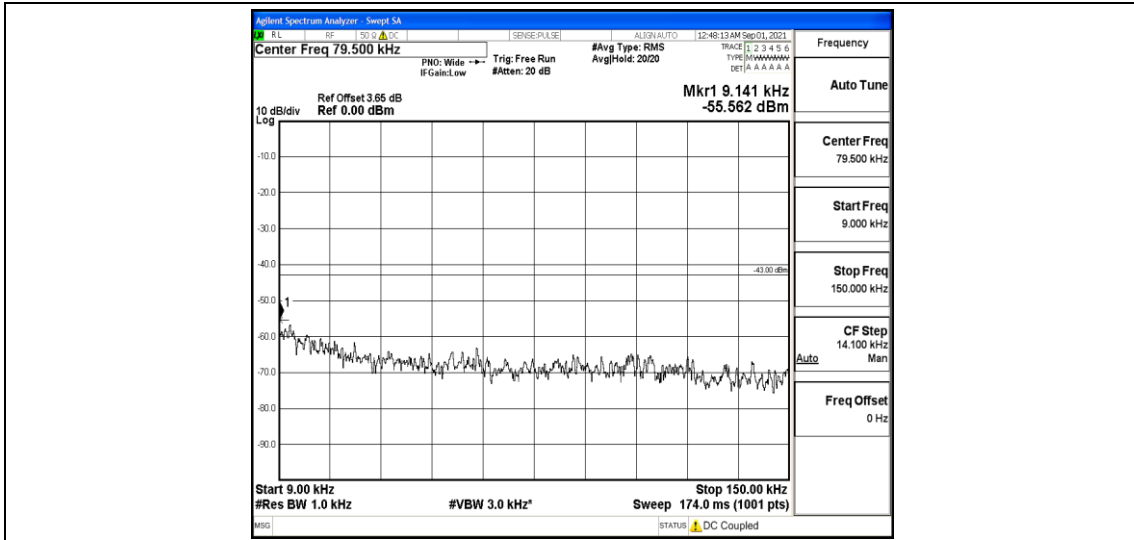
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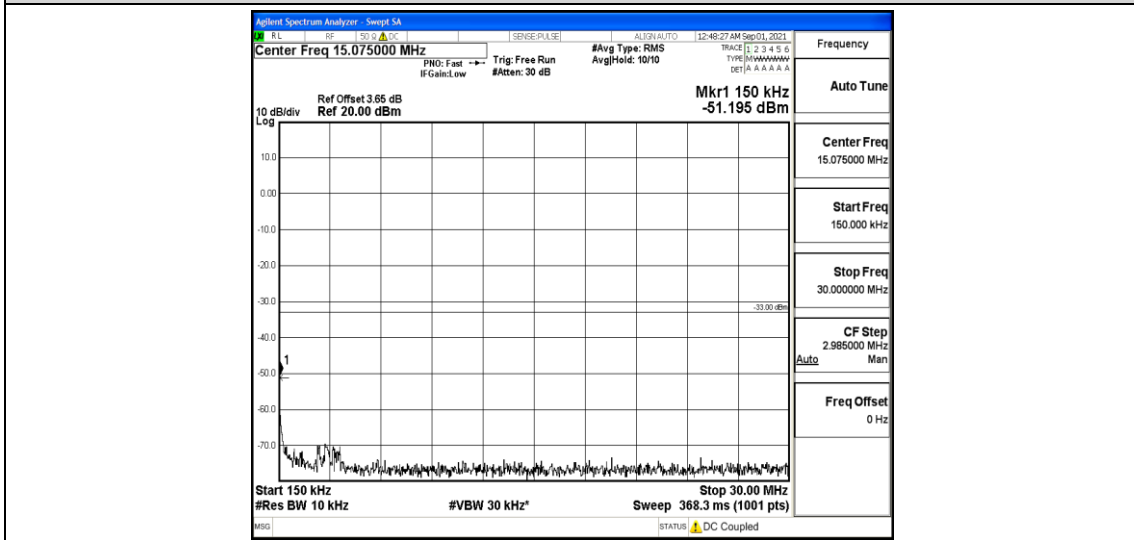
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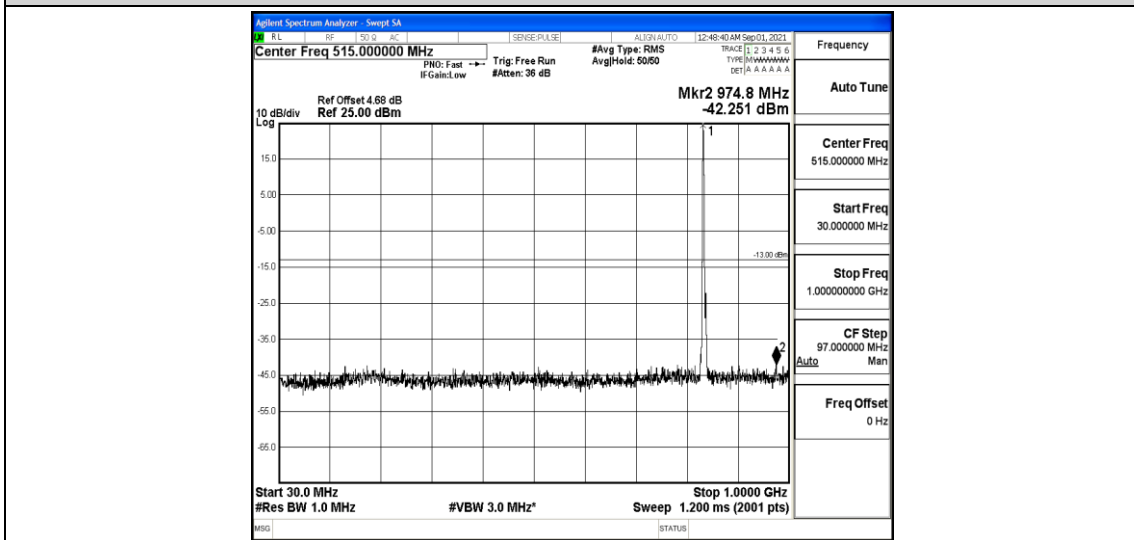
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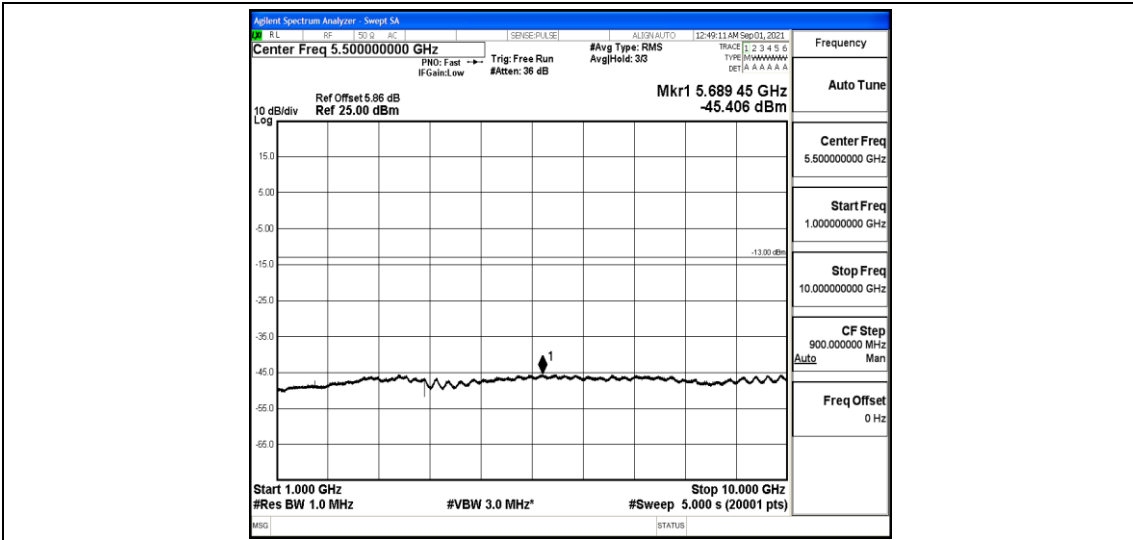
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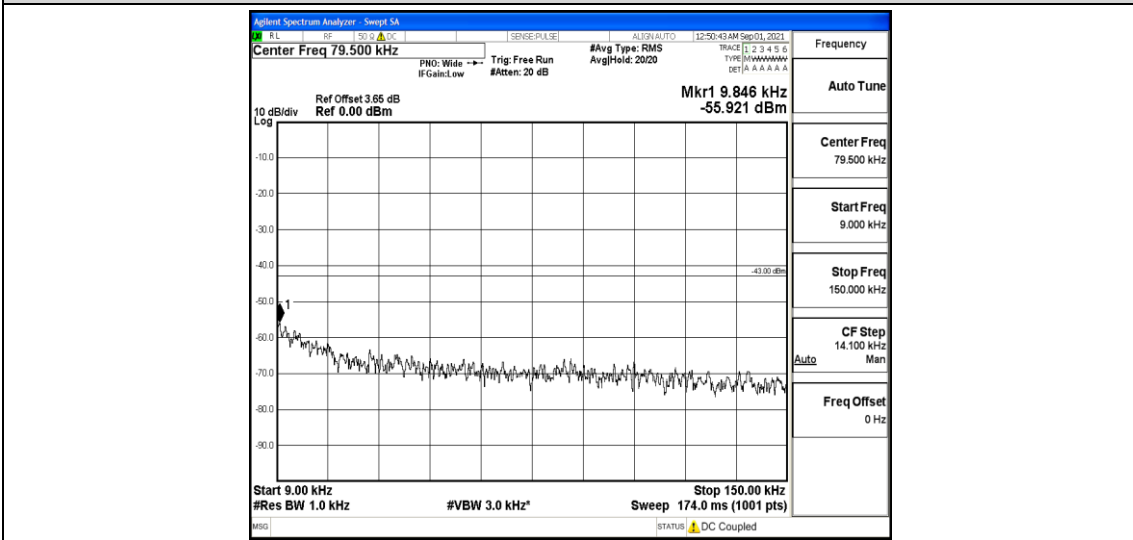
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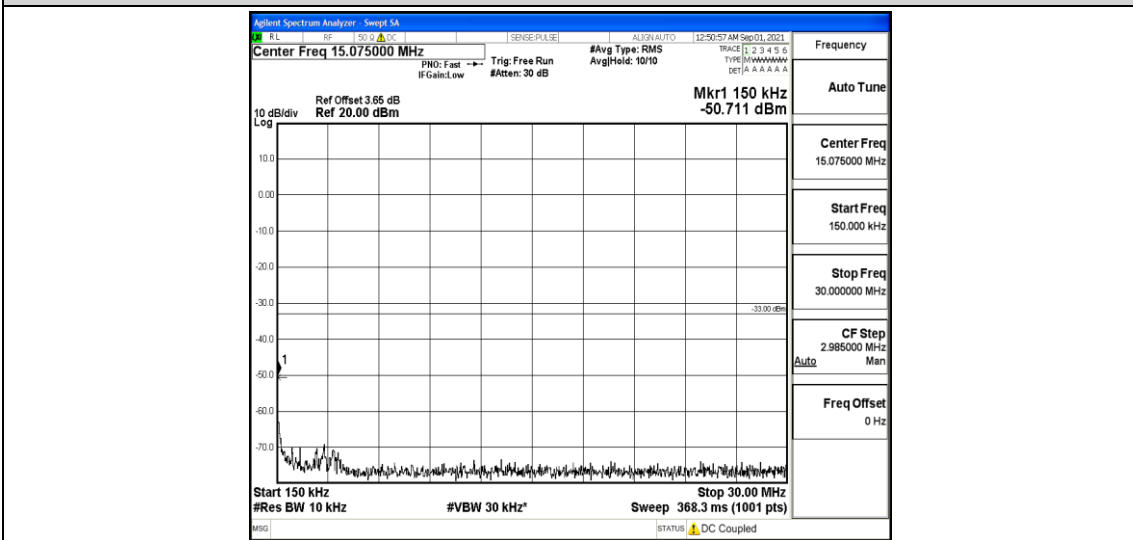
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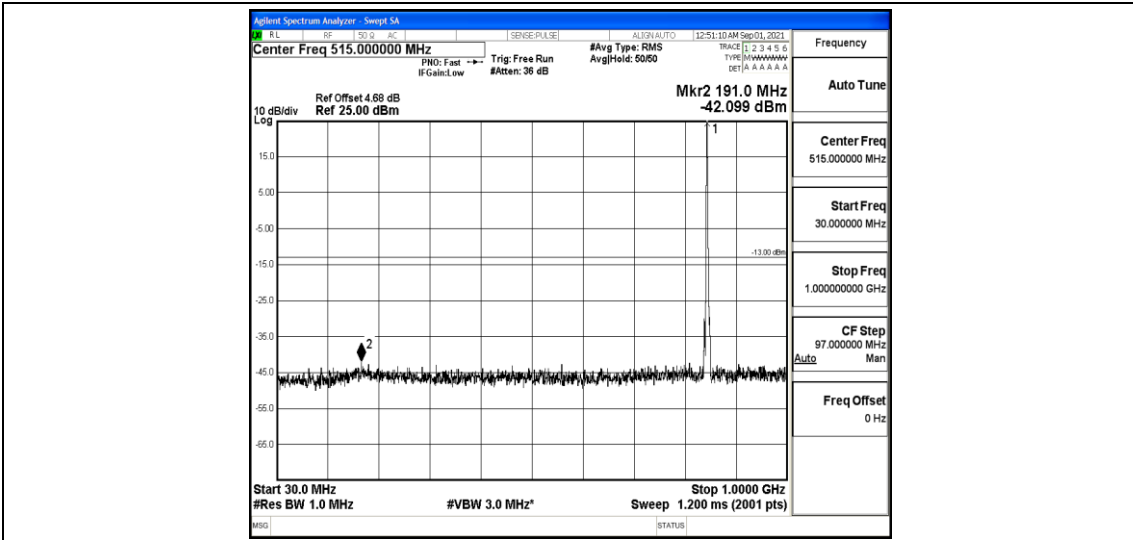
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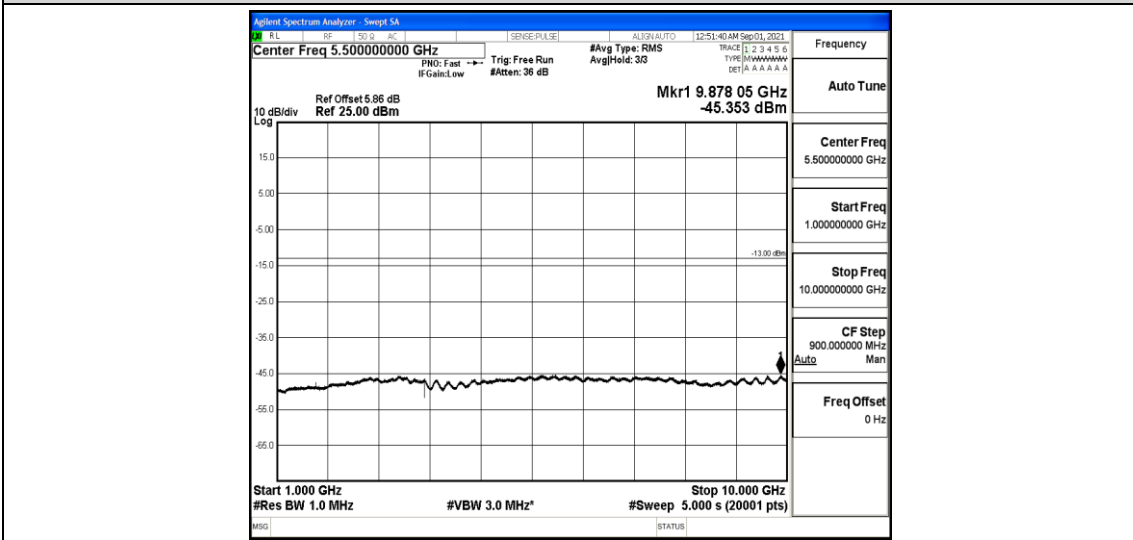
Band5-3MHz-QPSK-20635-1RB#0-Range2:0.15~30MHz



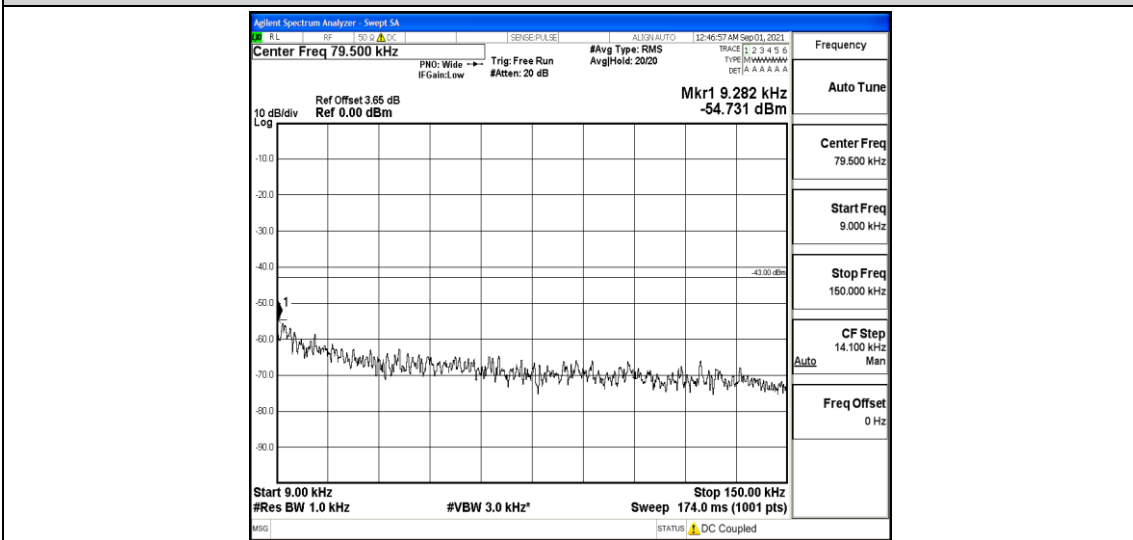
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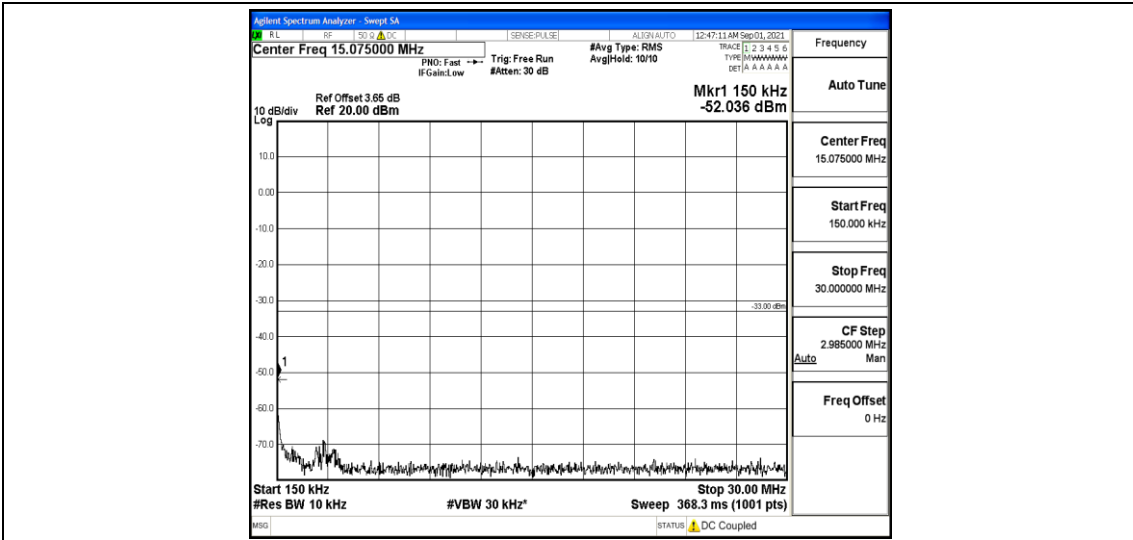
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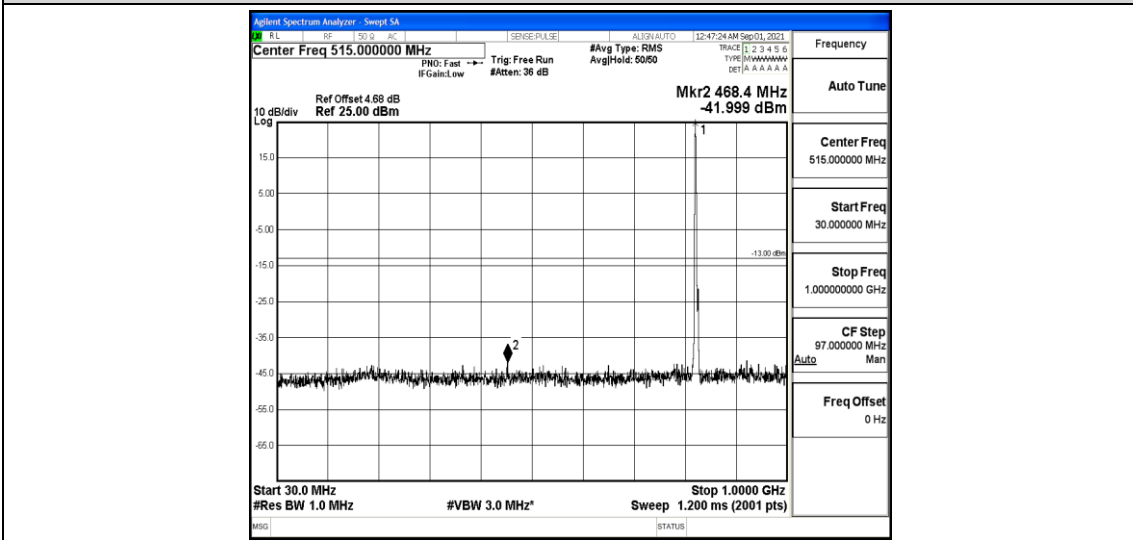
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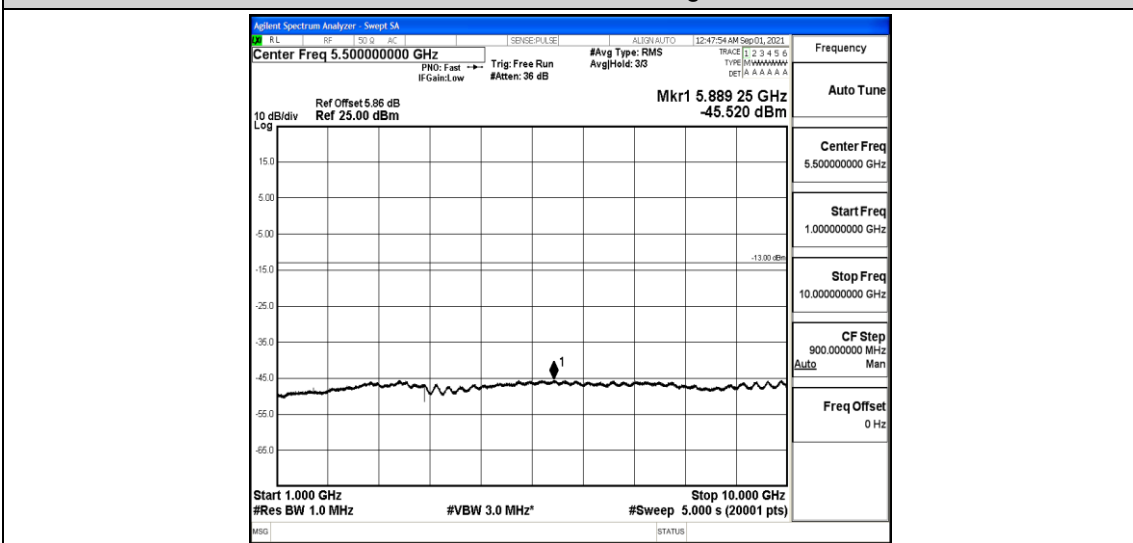
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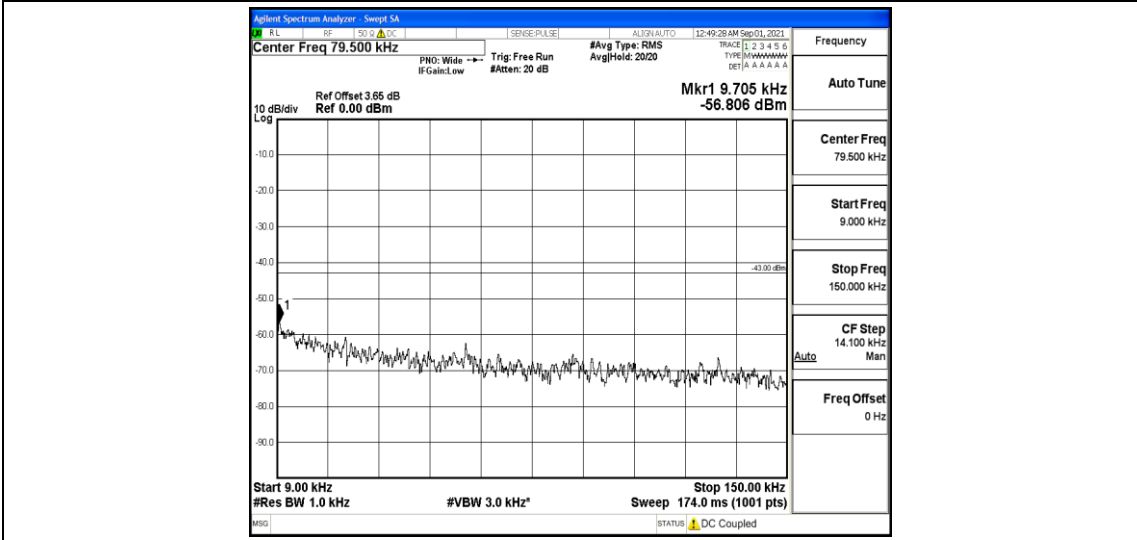
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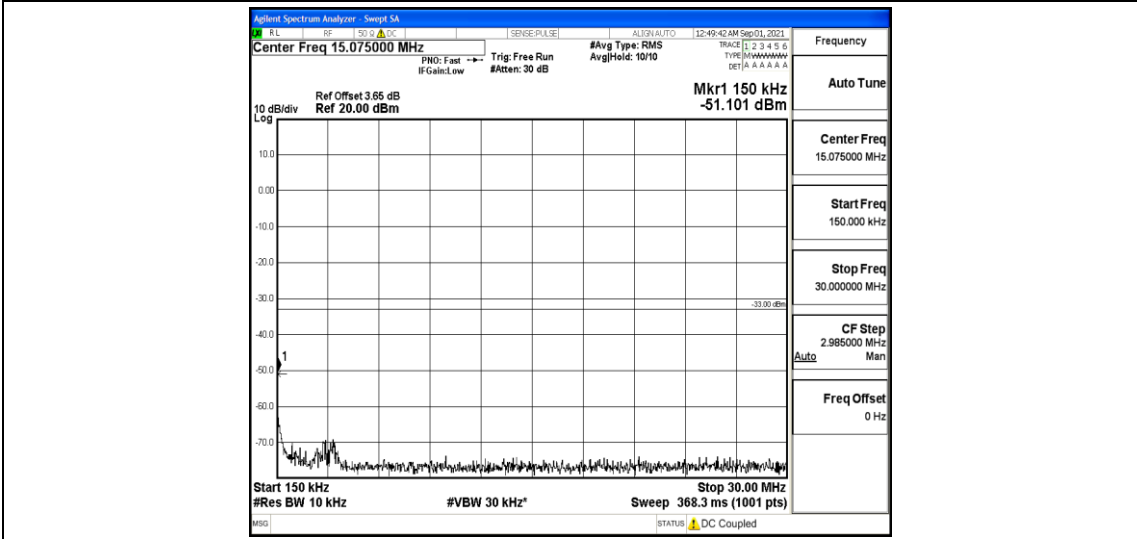
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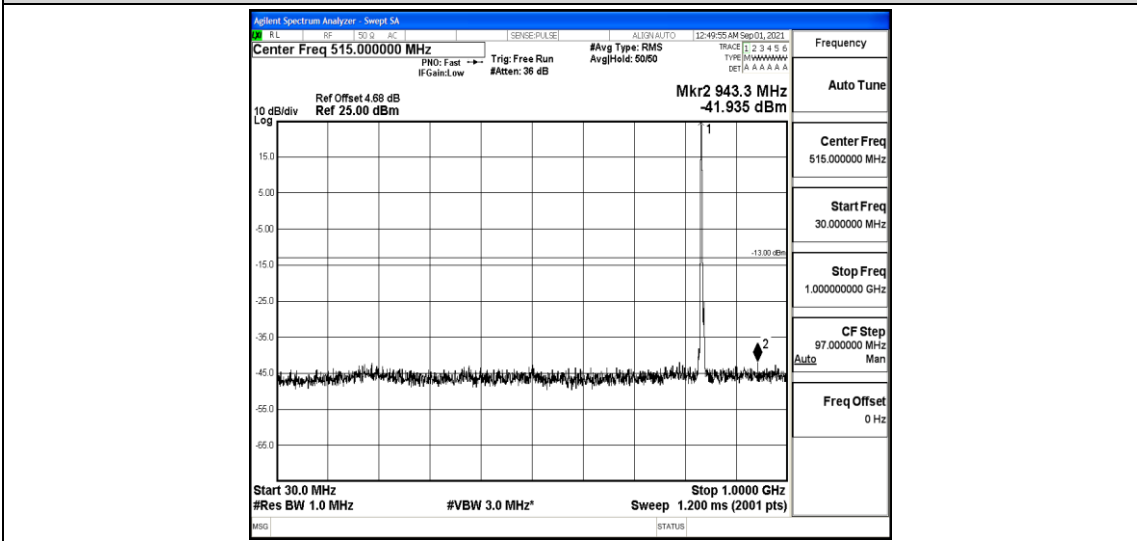
Band5-3MHz-16QAM-20525-1RB#0-Range1:0.009~0.15MHz



Band5-3MHz-16QAM-20525-1RB#0-Range2:0.15~30MHz



Band5-3MHz-16QAM-20525-1RB#0-Range3:30~1000MHz



Band5-3MHz-16QAM-20525-1RB#0-Range4:1000~10000MHz