



Appendix F: Test Data for E-UTRA Band 5

Product Name: Smart phone

Test Model: Smooth 6.0

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan





F.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	21.60	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	21.56	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	21.56	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	21.63	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	21.62	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	21.61	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	20.98	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	21.66	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	21.72	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	21.78	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	21.81	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	21.79	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	21.73	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.28	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	21.73	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	21.76	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	21.77	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	21.75	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	21.75	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	21.72	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.18	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.97	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.95	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.89	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	20.80	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	20.53	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	20.54	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.76	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.18	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.32	PASS





Band5	1.4MHz	16QAM	20525	1RB#5	21.38	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.26	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.20	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.16	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.50	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.86	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.04	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.89	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	20.90	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	20.95	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	20.87	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.22	PASS
Band5	3MHz	QPSK	20415	1RB#0	21.56	PASS
Band5	3MHz	QPSK	20415	1RB#8	21.53	PASS
Band5	3MHz	QPSK	20415	1RB#14	21.68	PASS
Band5	3MHz	QPSK	20415	8RB#0	20.98	PASS
Band5	3MHz	QPSK	20415	8RB#4	20.94	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.13	PASS
Band5	3MHz	QPSK	20415	15RB#0	20.98	PASS
Band5	3MHz	QPSK	20525	1RB#0	21.67	PASS
Band5	3MHz	QPSK	20525	1RB#8	21.77	PASS
Band5	3MHz	QPSK	20525	1RB#14	21.73	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.07	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.21	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.30	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.35	PASS
Band5	3MHz	QPSK	20635	1RB#0	21.70	PASS
Band5	3MHz	QPSK	20635	1RB#8	21.80	PASS
Band5	3MHz	QPSK	20635	1RB#14	21.64	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.29	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.28	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.30	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.18	PASS
Band5	3MHz	16QAM	20415	1RB#0	20.78	PASS
Band5	3MHz	16QAM	20415	1RB#8	20.73	PASS





Band5	3MHz	16QAM	20415	1RB#14	20.60	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.67	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.66	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.41	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.39	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.67	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.80	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.80	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.32	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.31	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.36	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.43	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.21	PASS
Band5	3MHz	16QAM	20635	1RB#8	20.86	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.14	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.81	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.78	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.52	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.49	PASS
Band5	5MHz	QPSK	20425	1RB#0	21.37	PASS
Band5	5MHz	QPSK	20425	1RB#12	21.49	PASS
Band5	5MHz	QPSK	20425	1RB#24	21.60	PASS
Band5	5MHz	QPSK	20425	12RB#0	20.83	PASS
Band5	5MHz	QPSK	20425	12RB#6	20.96	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.03	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.09	PASS
Band5	5MHz	QPSK	20525	1RB#0	21.59	PASS
Band5	5MHz	QPSK	20525	1RB#12	21.83	PASS
Band5	5MHz	QPSK	20525	1RB#24	21.72	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.05	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.06	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.19	PASS
Band5	5MHz	QPSK	20525	25RB#0	20.99	PASS
Band5	5MHz	QPSK	20625	1RB#0	21.82	PASS
Band5	5MHz	QPSK	20625	1RB#12	21.71	PASS





Band5	5MHz	QPSK	20625	1RB#24	21.64	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.63	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.50	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.08	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.26	PASS
Band5	5MHz	16QAM	20425	1RB#0	20.26	PASS
Band5	5MHz	16QAM	20425	1RB#12	20.48	PASS
Band5	5MHz	16QAM	20425	1RB#24	20.62	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.35	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.43	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.02	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.12	PASS
Band5	5MHz	16QAM	20525	1RB#0	20.71	PASS
Band5	5MHz	16QAM	20525	1RB#12	20.90	PASS
Band5	5MHz	16QAM	20525	1RB#24	20.91	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.10	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.10	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.18	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.10	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.35	PASS
Band5	5MHz	16QAM	20625	1RB#12	20.85	PASS
Band5	5MHz	16QAM	20625	1RB#24	20.80	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.63	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.66	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.59	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.59	PASS
Band5	10MHz	QPSK	20450	1RB#0	21.41	PASS
Band5	10MHz	QPSK	20450	1RB#24	21.51	PASS
Band5	10MHz	QPSK	20450	1RB#49	21.59	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.13	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.09	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.54	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.17	PASS
Band5	10MHz	QPSK	20525	1RB#0	21.63	PASS
Band5	10MHz	QPSK	20525	1RB#24	21.74	PASS





Band5	10MHz	QPSK	20525	1RB#49	21.69	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.19	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.03	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.34	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.17	PASS
Band5	10MHz	QPSK	20600	1RB#0	21.62	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.02	PASS
Band5	10MHz	QPSK	20600	1RB#49	21.51	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.52	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.65	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.03	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.64	PASS
Band5	10MHz	16QAM	20450	1RB#0	20.35	PASS
Band5	10MHz	16QAM	20450	1RB#24	20.38	PASS
Band5	10MHz	16QAM	20450	1RB#49	20.88	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.24	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.15	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.67	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.12	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.36	PASS
Band5	10MHz	16QAM	20525	1RB#24	20.97	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.38	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.23	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.24	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.53	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.30	PASS
Band5	10MHz	16QAM	20600	1RB#0	20.87	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.60	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.14	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.59	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.59	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.57	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.60	PASS





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

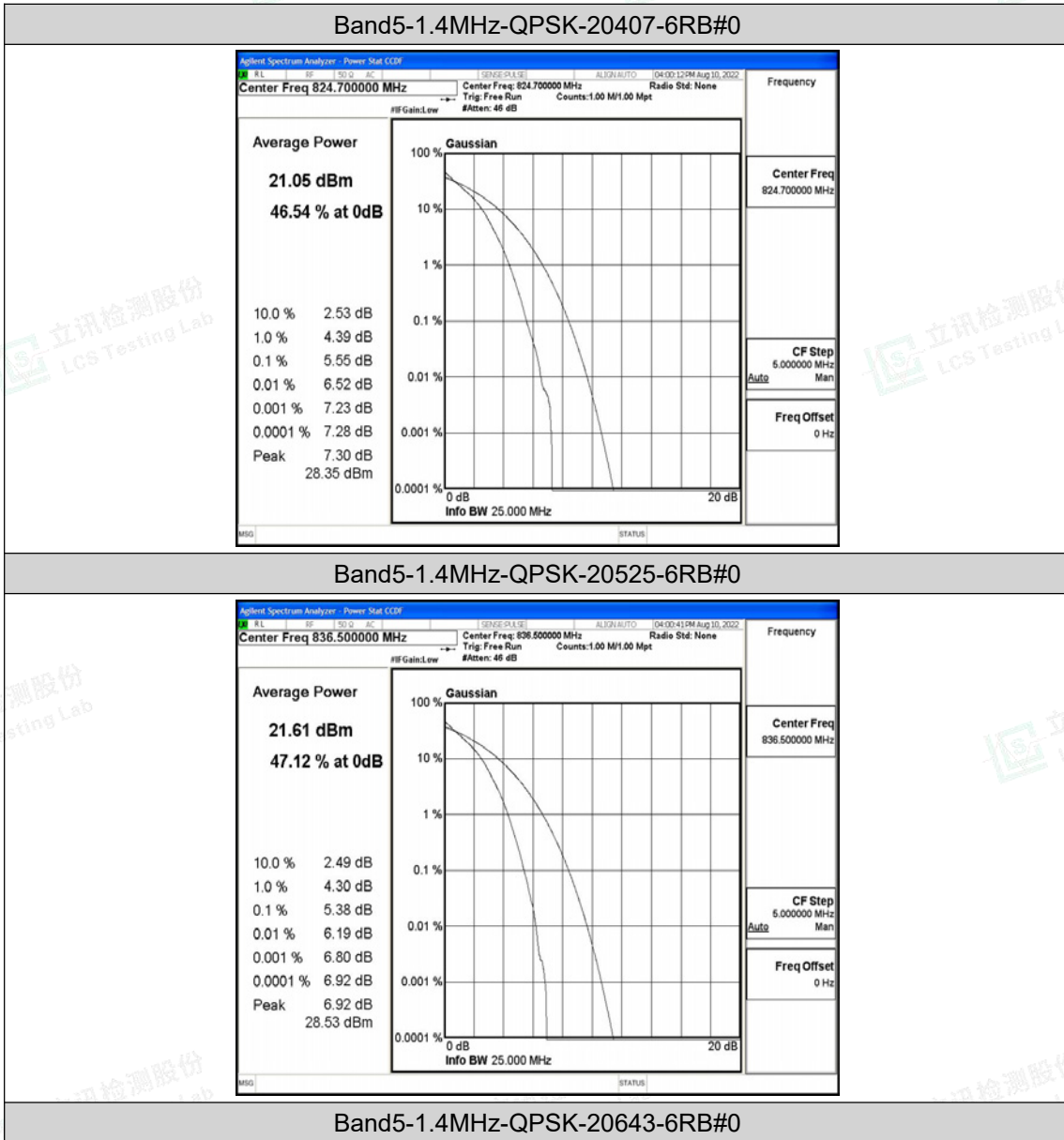
Test Result

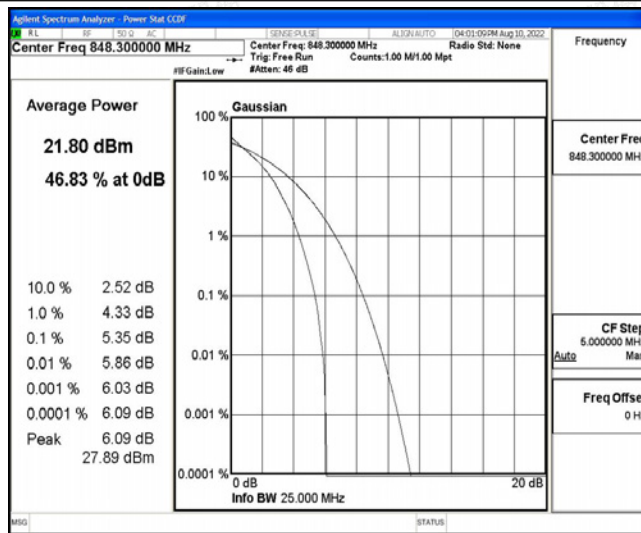
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.55	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.38	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.35	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.20	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.17	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.12	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.50	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.43	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.40	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.23	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.18	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.08	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.40	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.46	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.40	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.12	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.07	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.03	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.34	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.44	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.38	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.04	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.16	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.11	13	PASS



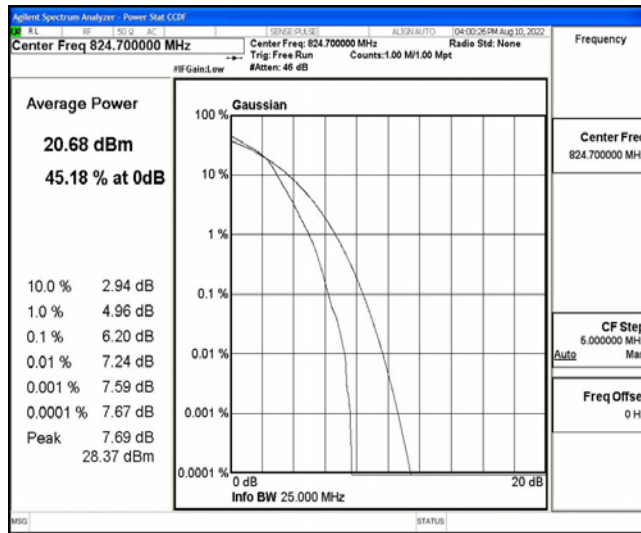


Test Graphs

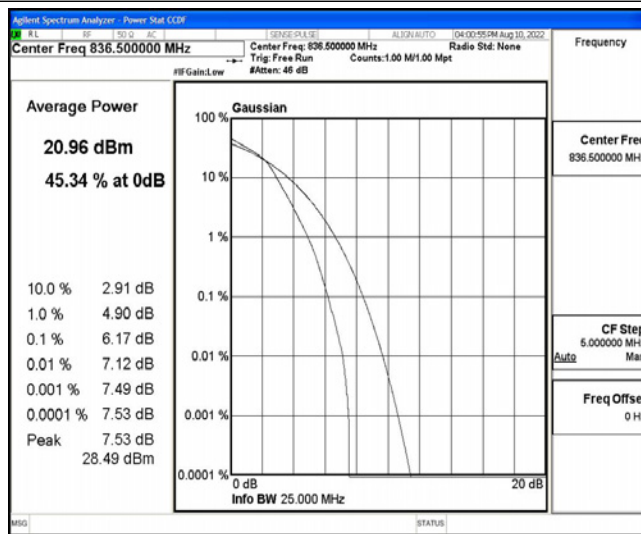




Band5-1.4MHz-16QAM-20407-6RB#0

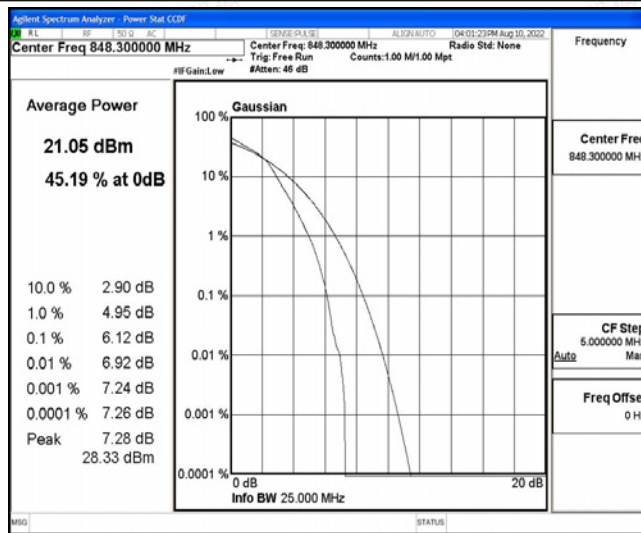


Band5-1.4MHz-16QAM-20525-6RB#0

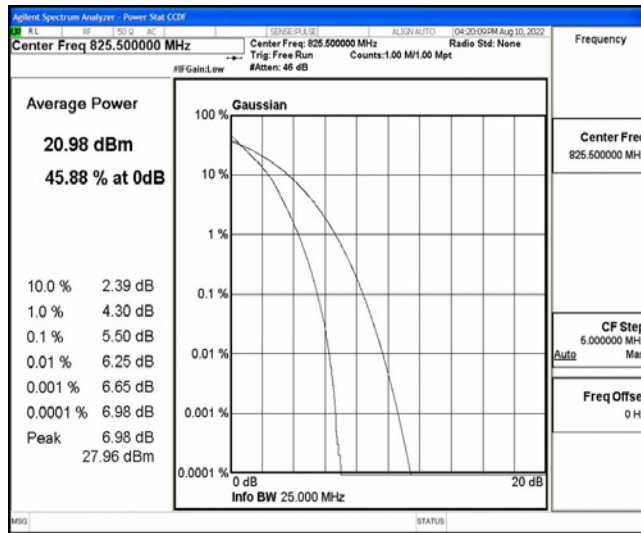


Band5-1.4MHz-16QAM-20643-6RB#0

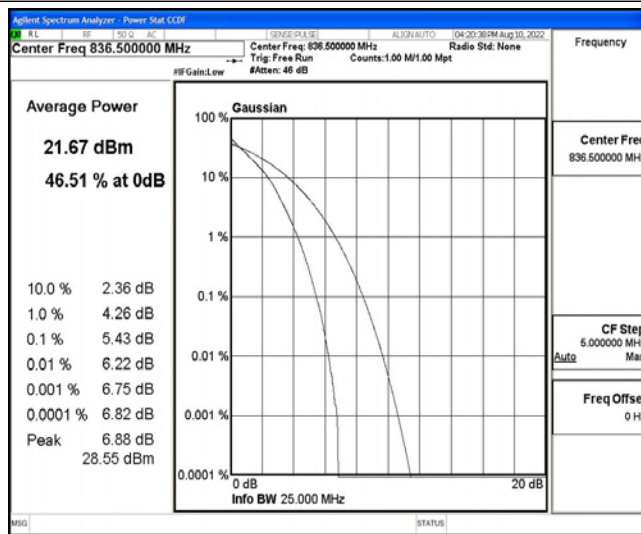




Band5-3MHz-QPSK-20415-15RB#0

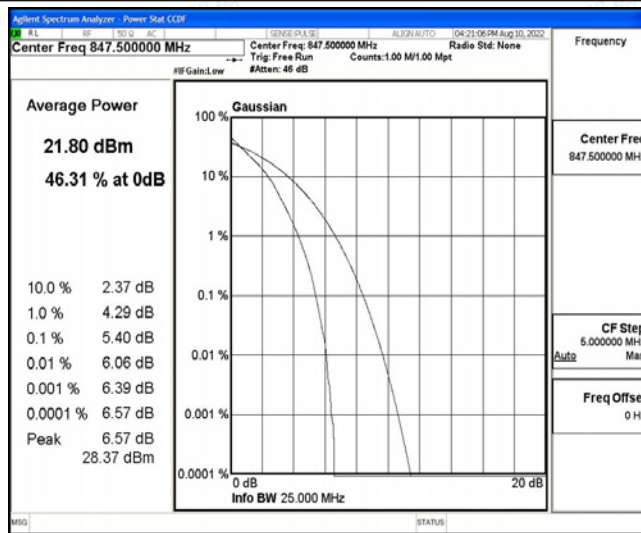


Band5-3MHz-QPSK-20525-15RB#0

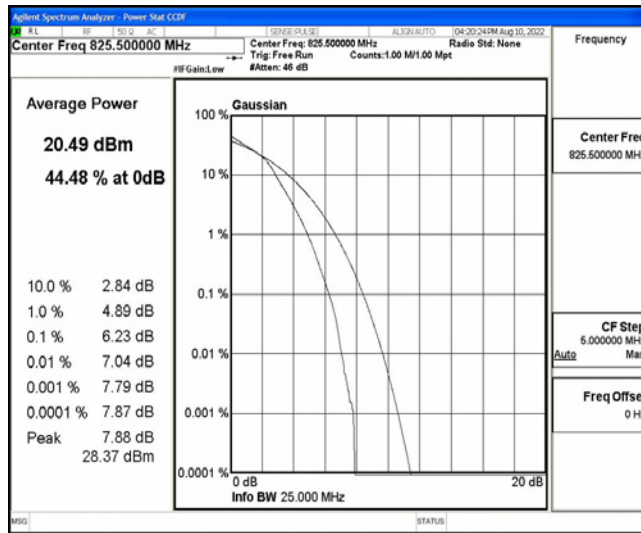


Band5-3MHz-QPSK-20635-15RB#0

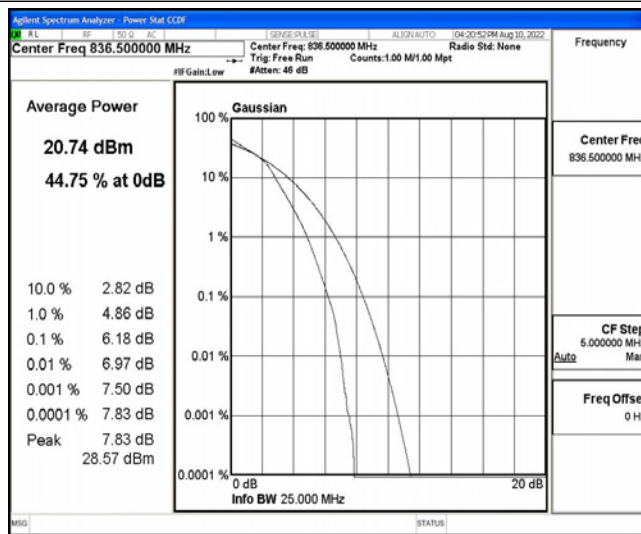




Band5-3MHz-16QAM-20415-15RB#0

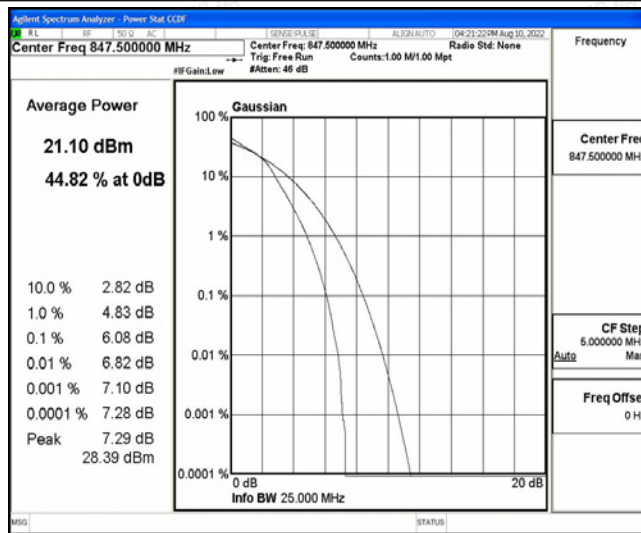


Band5-3MHz-16QAM-20525-15RB#0

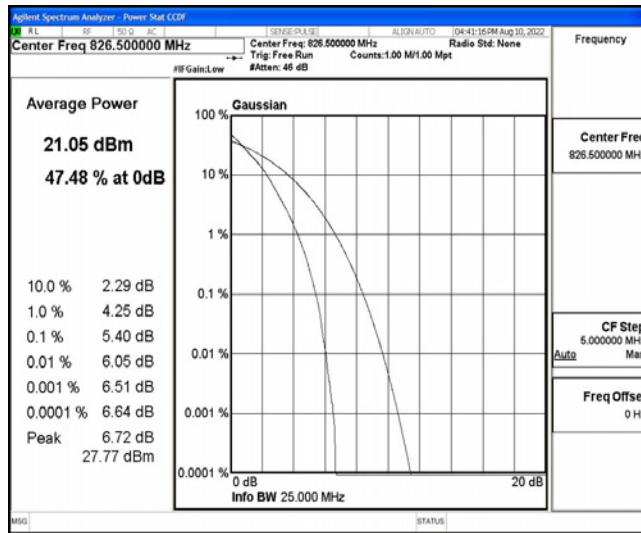


Band5-3MHz-16QAM-20635-15RB#0

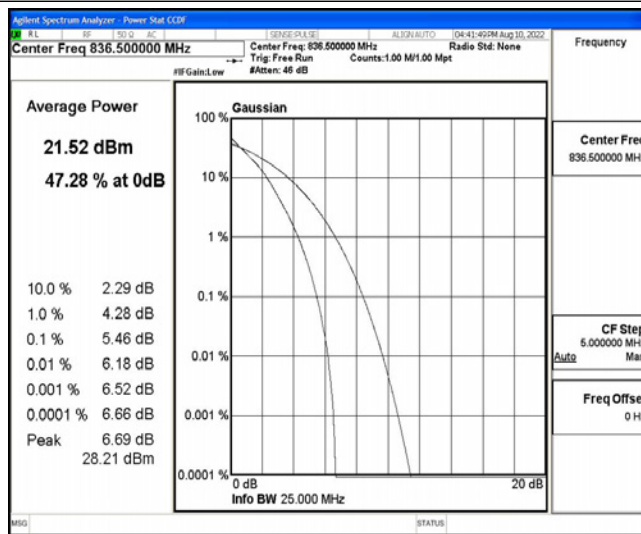




Band5-5MHz-QPSK-20425-25RB#0

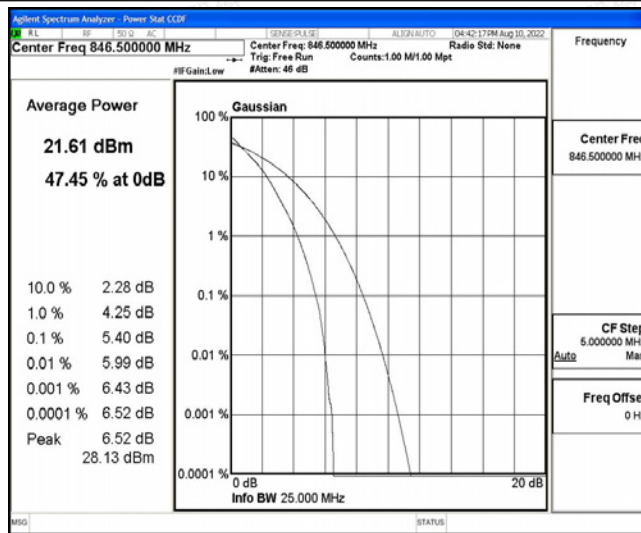


Band5-5MHz-QPSK-20525-25RB#0

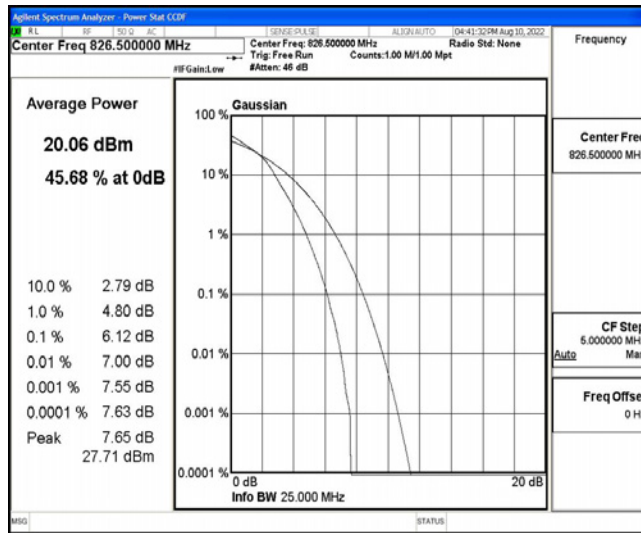


Band5-5MHz-QPSK-20625-25RB#0

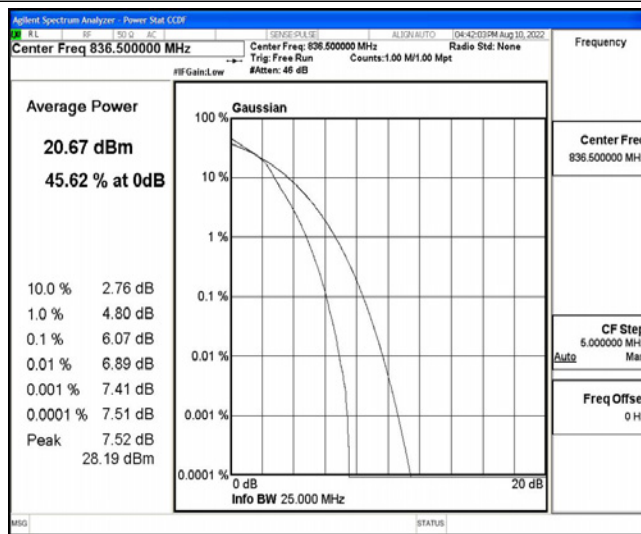




Band5-5MHz-16QAM-20425-25RB#0

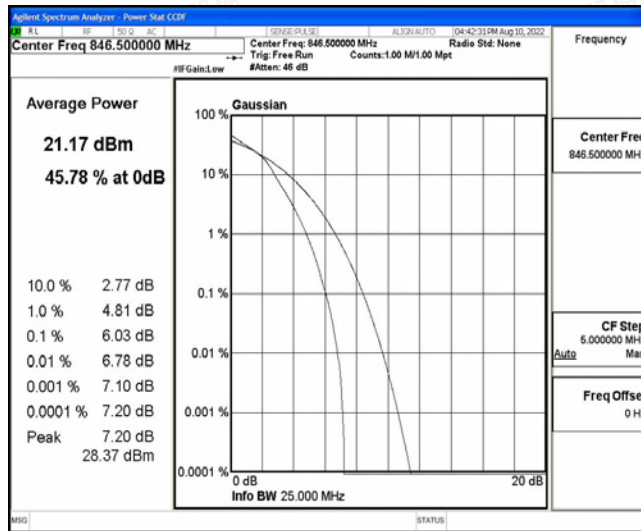


Band5-5MHz-16QAM-20525-25RB#0

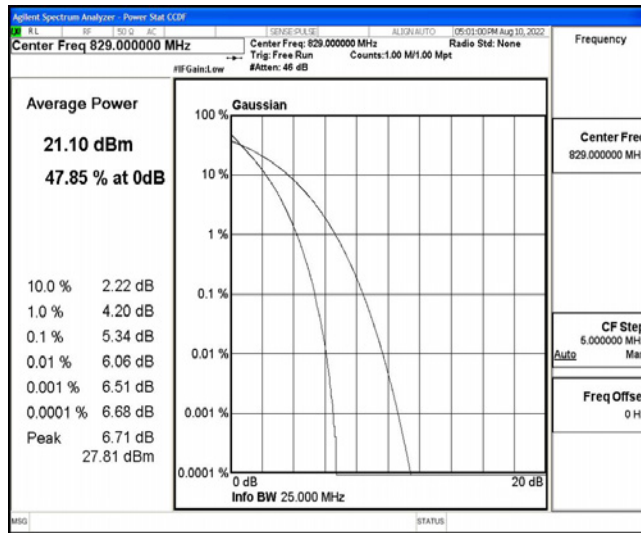


Band5-5MHz-16QAM-20625-25RB#0

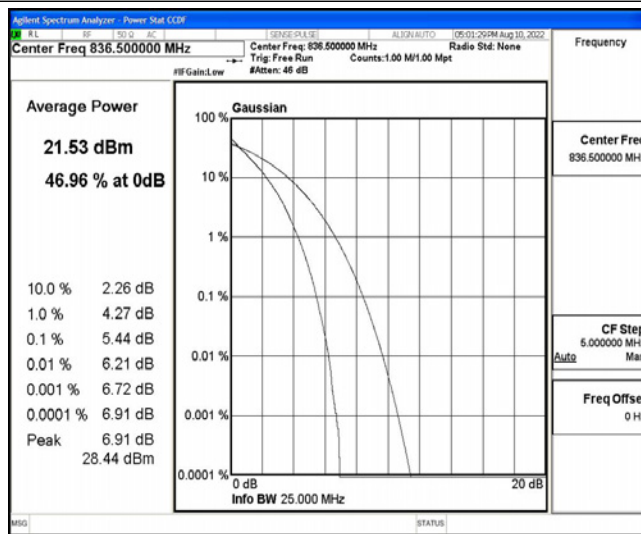




Band5-10MHz-QPSK-20450-50RB#0

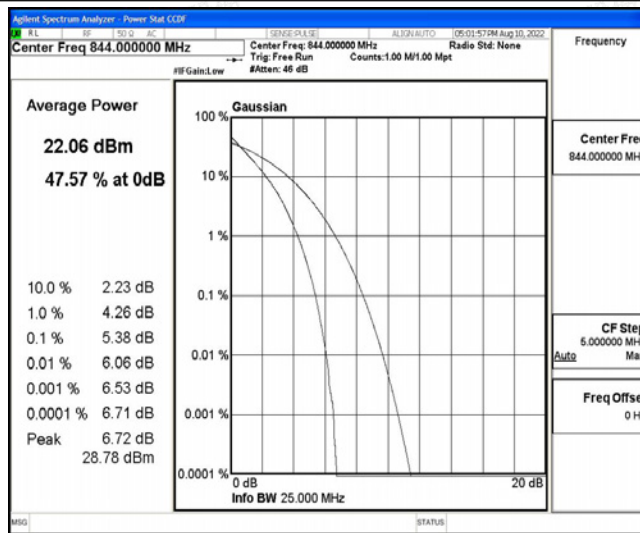


Band5-10MHz-QPSK-20525-50RB#0

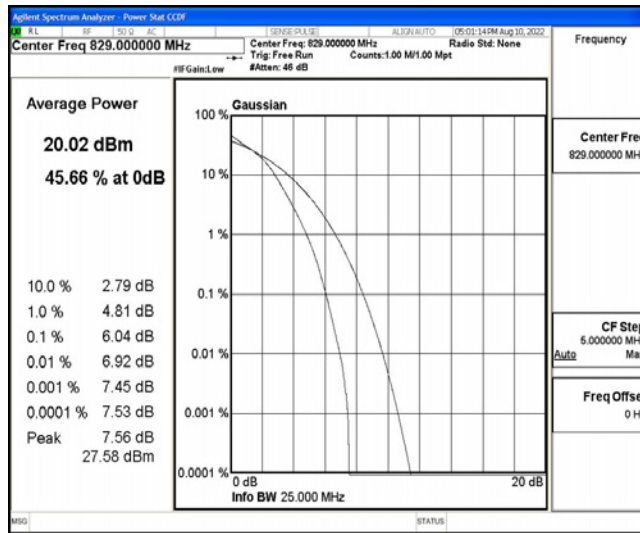


Band5-10MHz-QPSK-20600-50RB#0

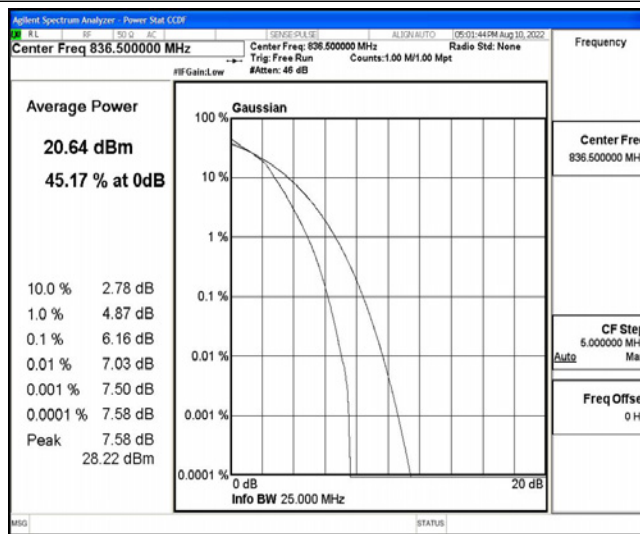




Band5-10MHz-16QAM-20450-50RB#0

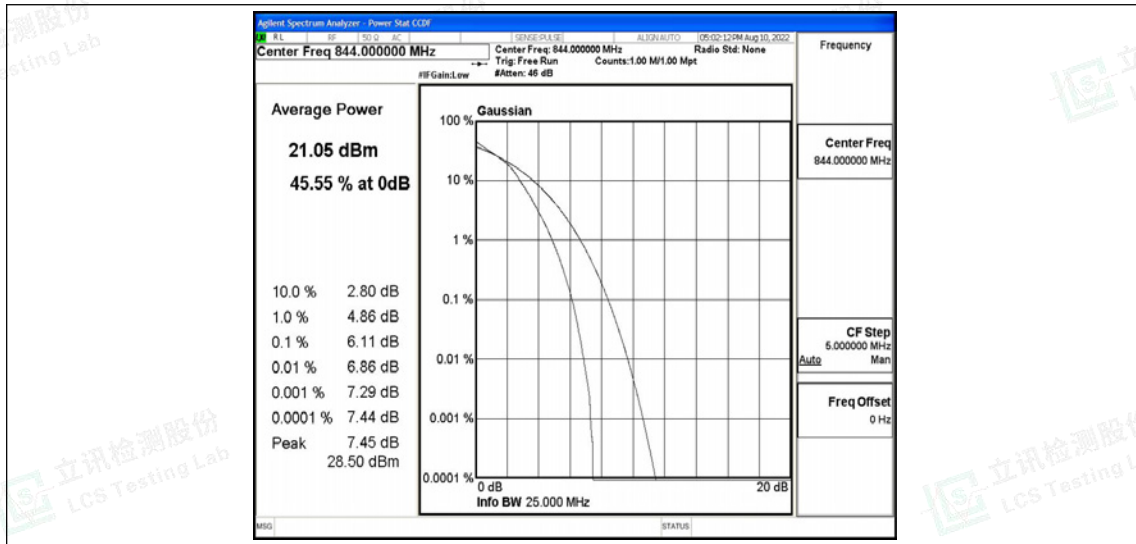


Band5-10MHz-16QAM-20525-50RB#0



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







F.3 26dB Bandwidth and Occupied Bandwidth

Test Result

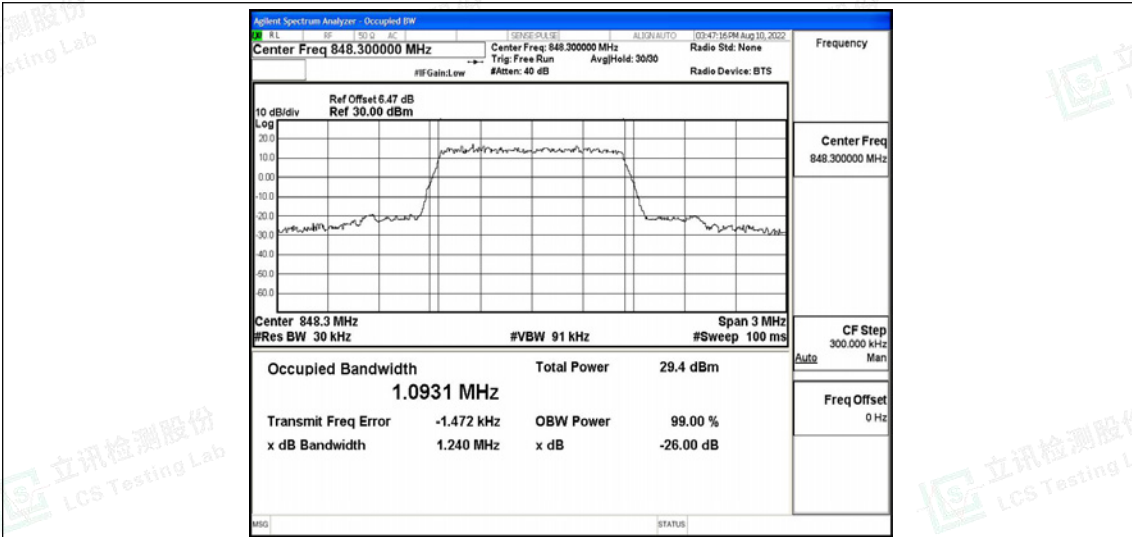
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0913	1.239	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0915	1.239	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0931	1.240	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1034	1.248	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1028	1.256	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0999	1.243	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7079	3.015	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7140	3.011	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7017	3.024	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6949	3.033	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7013	3.037	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7051	3.049	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5041	4.963	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5007	4.971	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4937	4.972	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5061	4.943	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5037	4.976	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5162	4.982	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9426	9.871	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9882	9.904	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9843	9.883	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9656	9.850	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9968	9.925	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9778	9.920	PASS



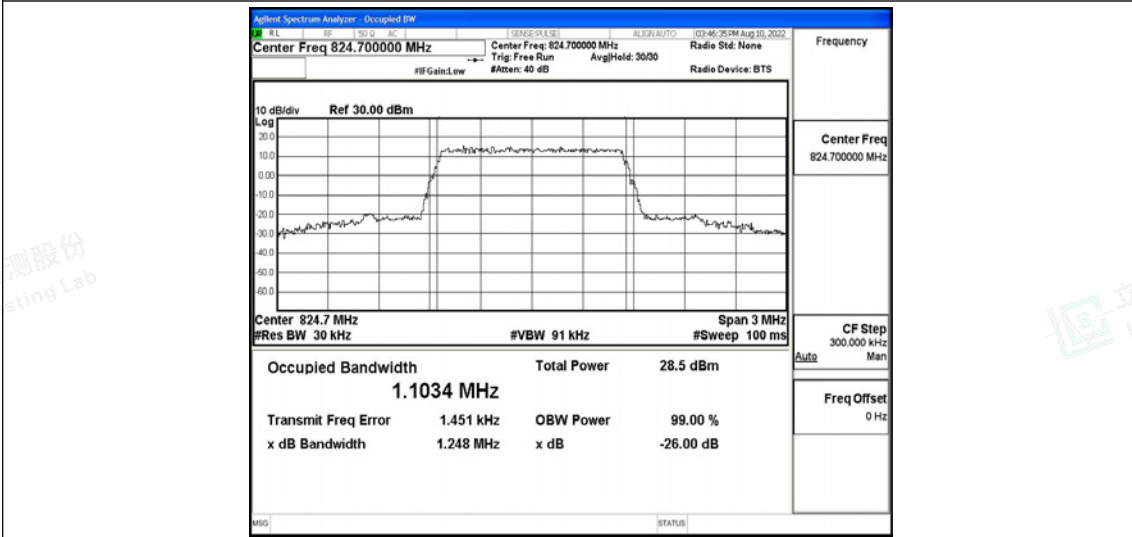


Test Graphs

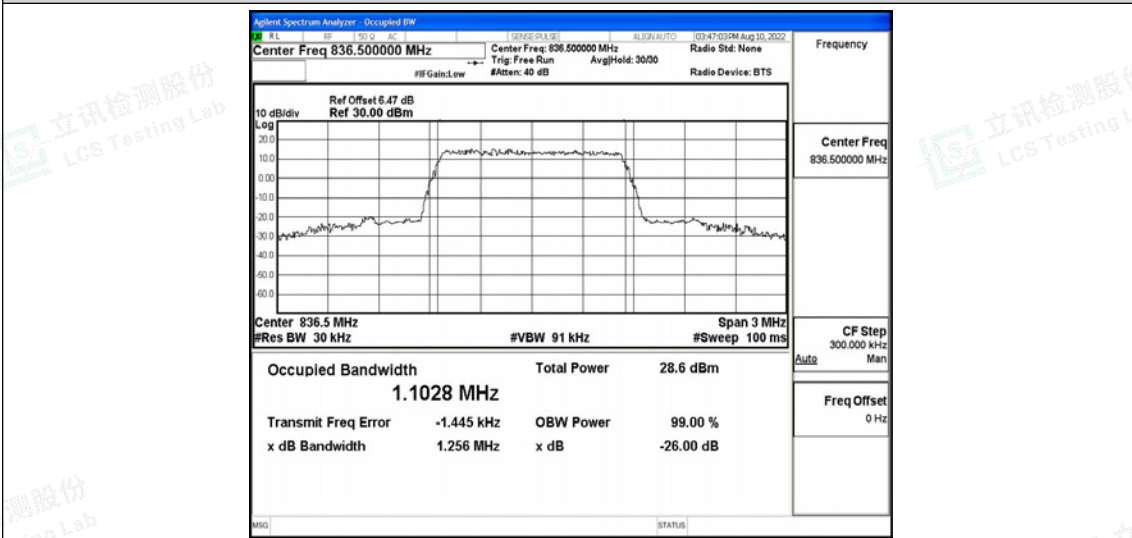




Band5-1.4MHz-16QAM-20407-6RB#0

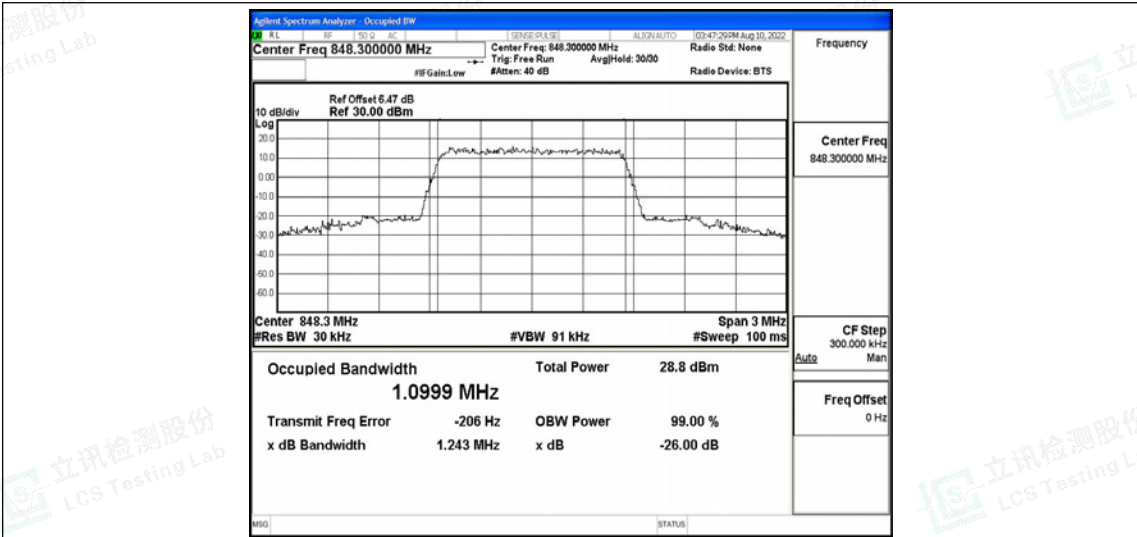


Band5-1.4MHz-16QAM-20525-6RB#0

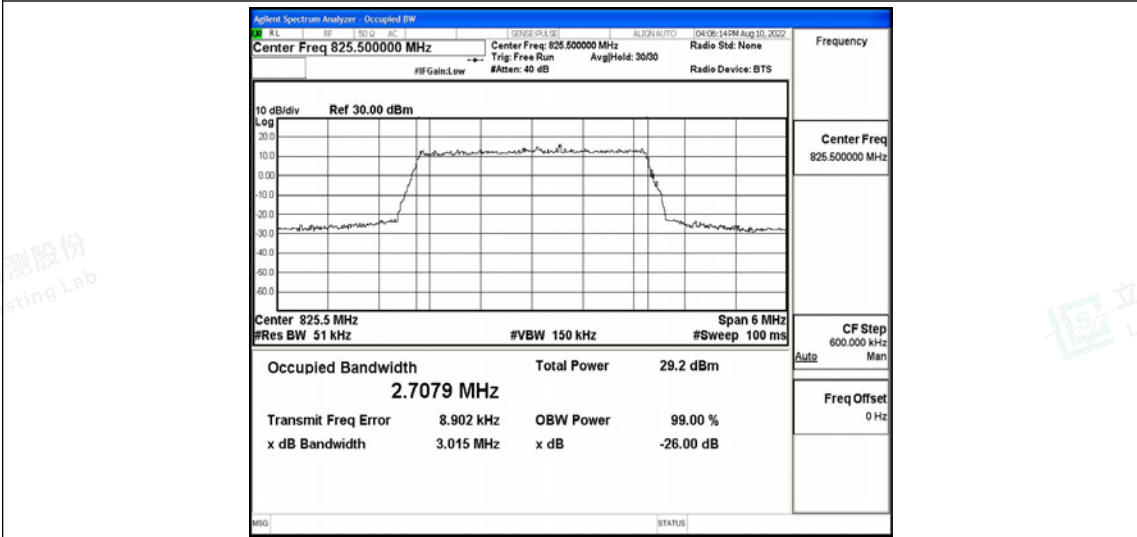


Band5-1.4MHz-16QAM-20643-6RB#0

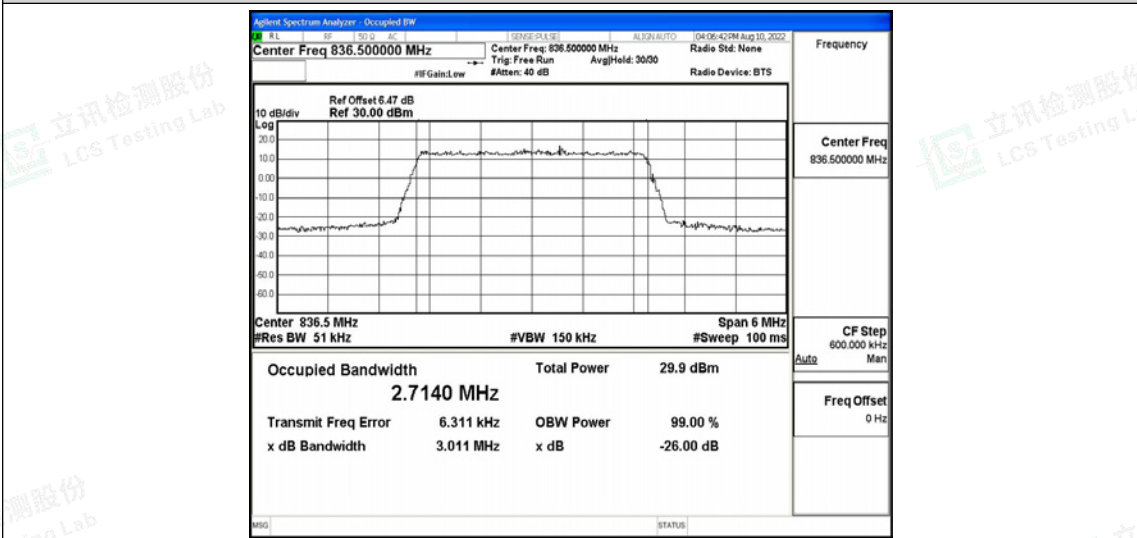




Band5-3MHz-QPSK-20415-15RB#0

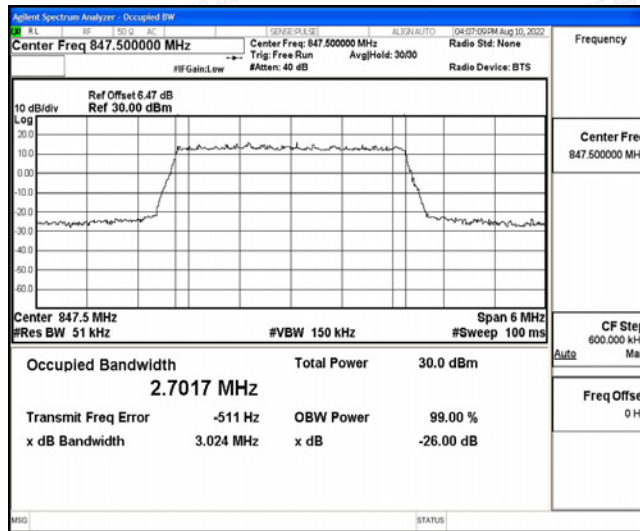


Band5-3MHz-QPSK-20525-15RB#0

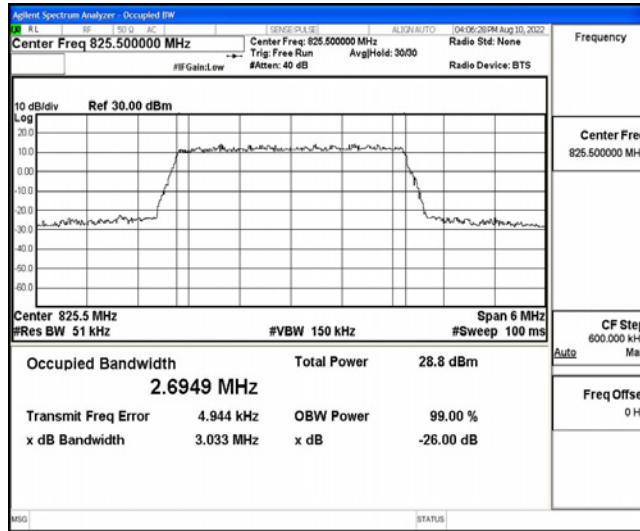


Band5-3MHz-QPSK-20635-15RB#0

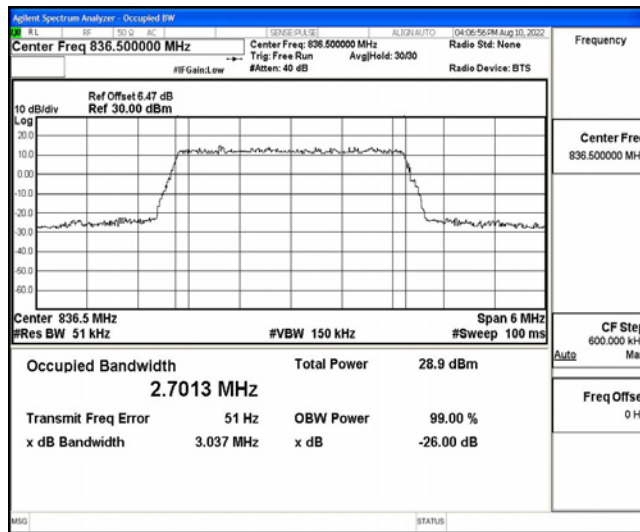




Band5-3MHz-16QAM-20415-15RB#0

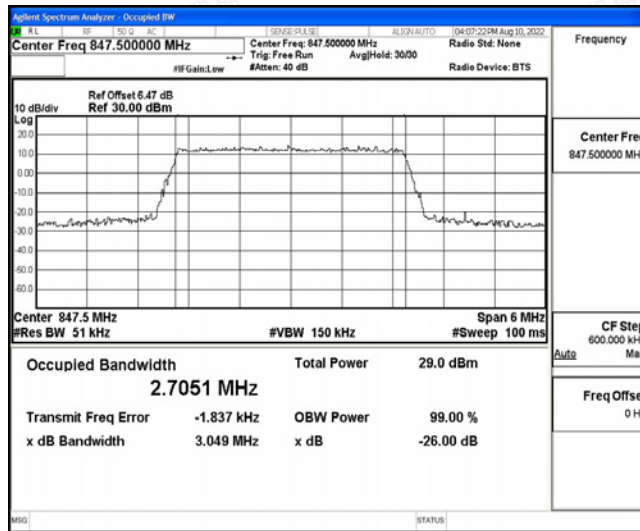


Band5-3MHz-16QAM-20525-15RB#0

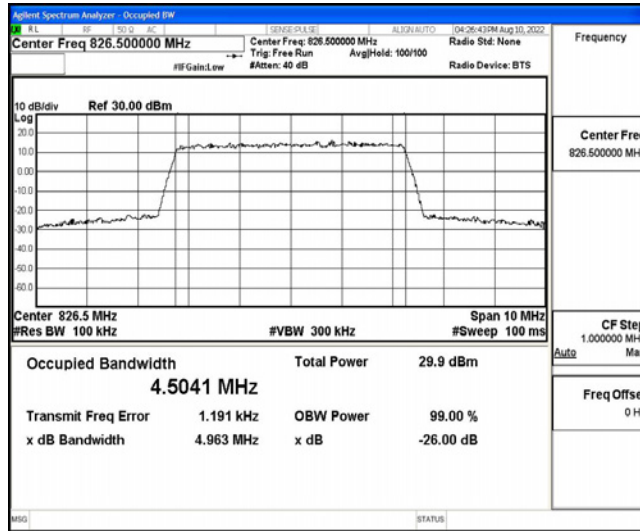


Band5-3MHz-16QAM-20635-15RB#0

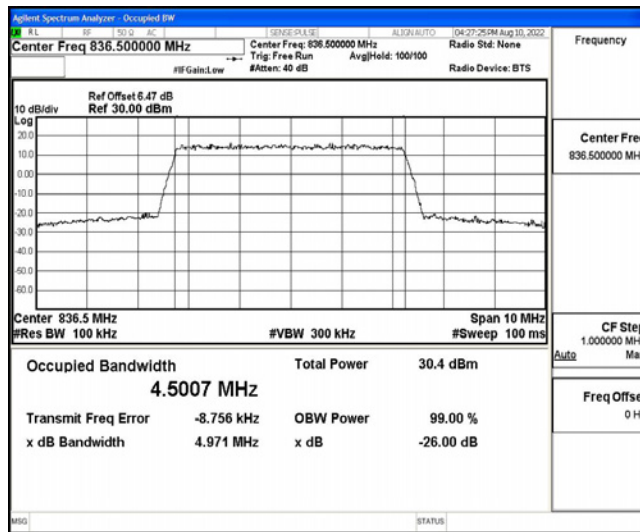




Band5-5MHz-QPSK-20425-25RB#0

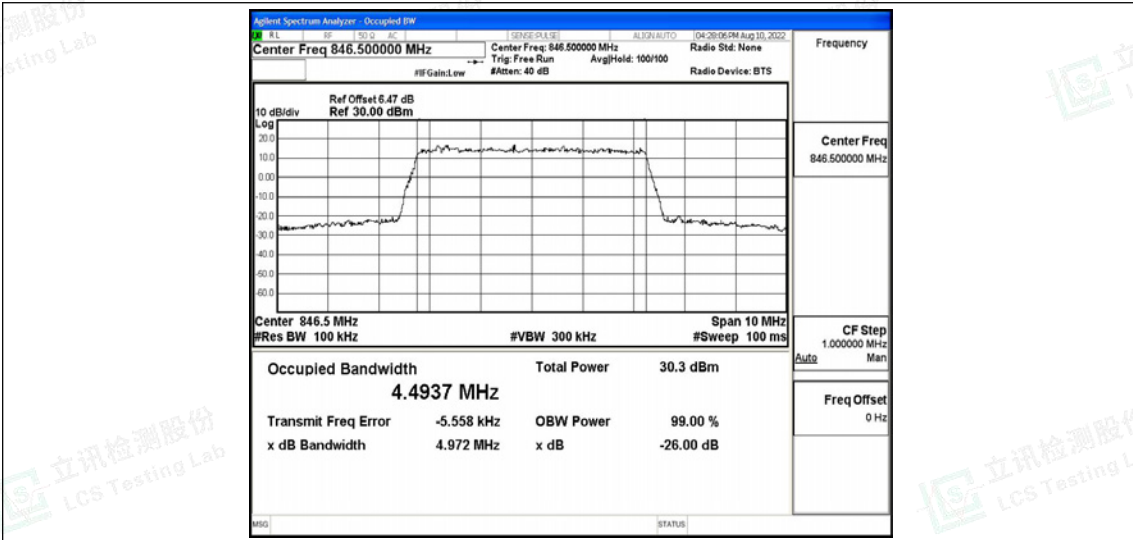


Band5-5MHz-QPSK-20525-25RB#0

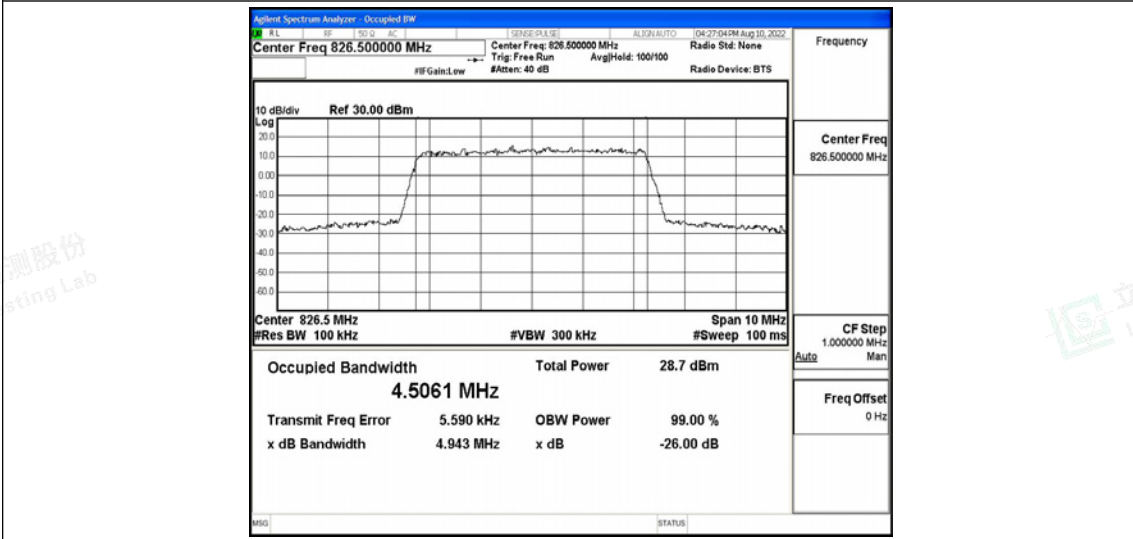


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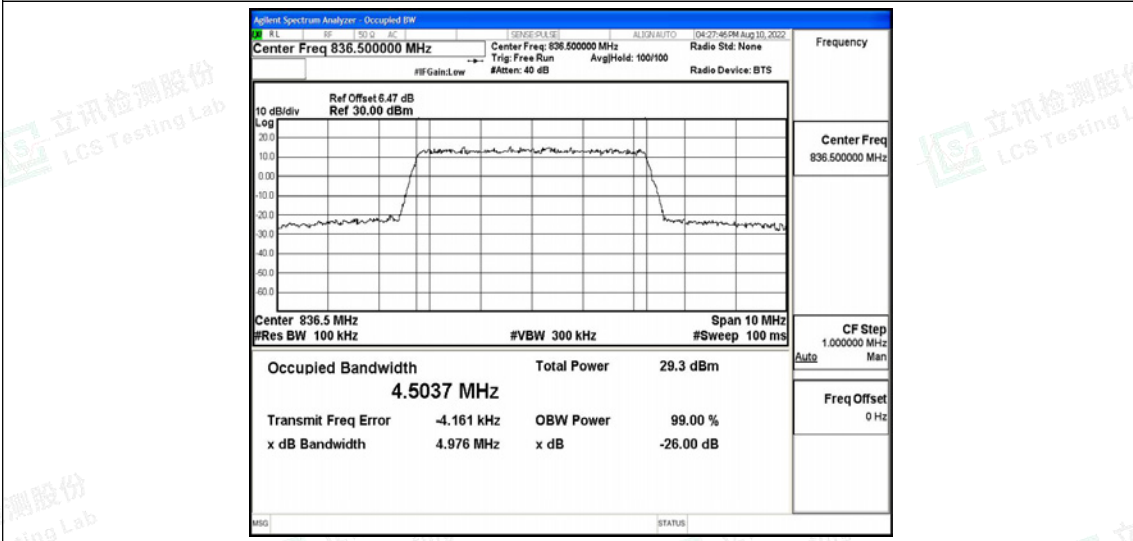




Band5-5MHz-16QAM-20425-25RB#0

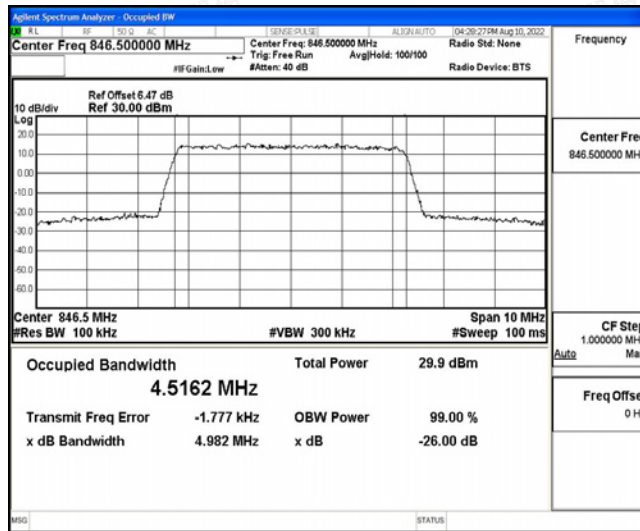


Band5-5MHz-16QAM-20525-25RB#0

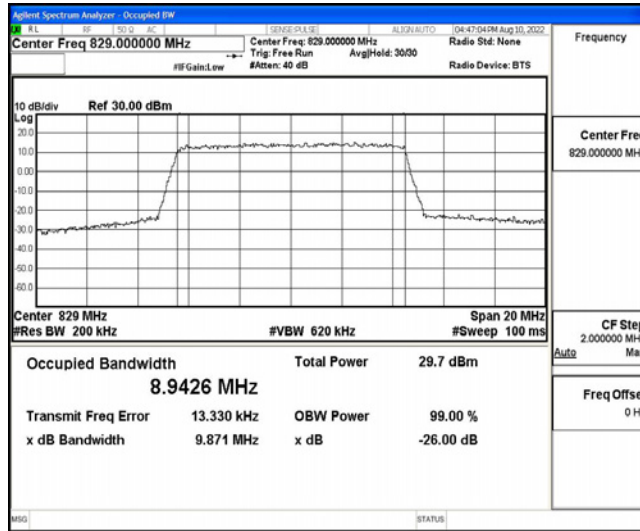


Band5-5MHz-16QAM-20625-25RB#0

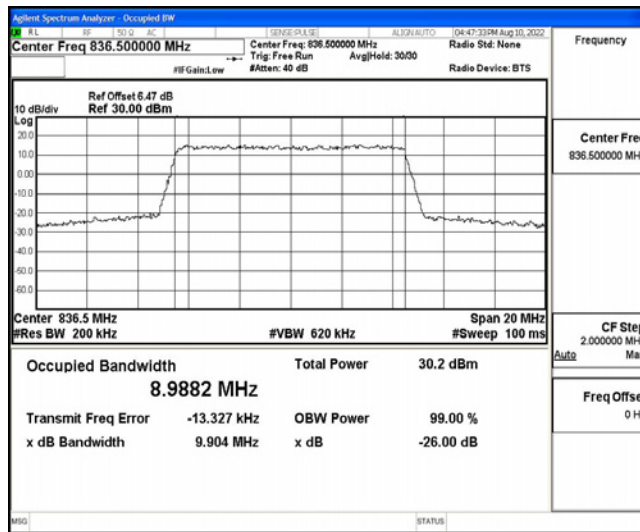




Band5-10MHz-QPSK-20450-50RB#0

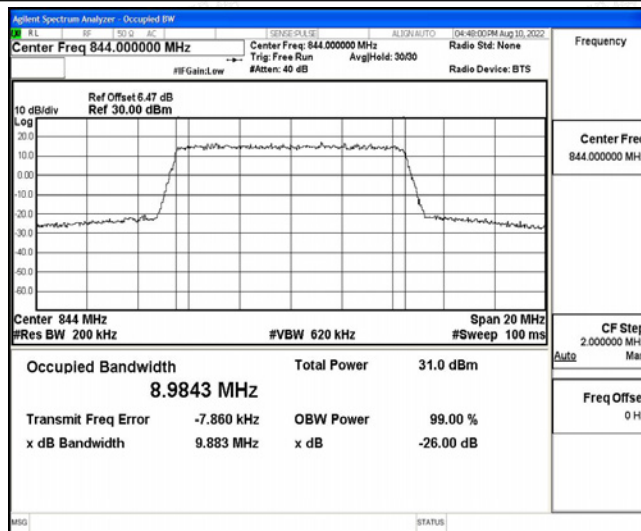


Band5-10MHz-QPSK-20525-50RB#0

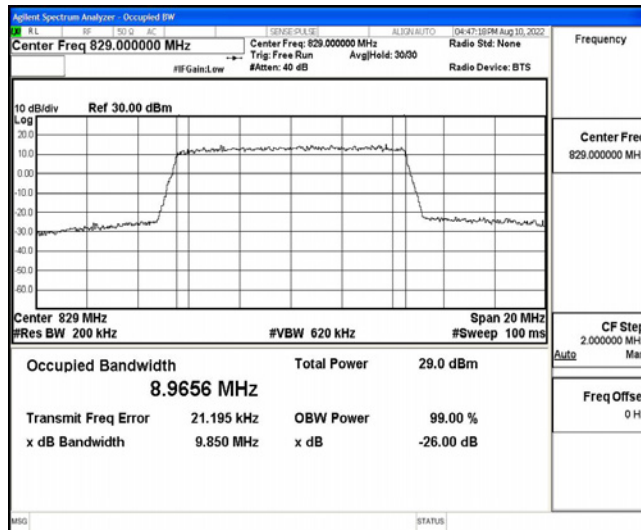


Band5-10MHz-QPSK-20600-50RB#0

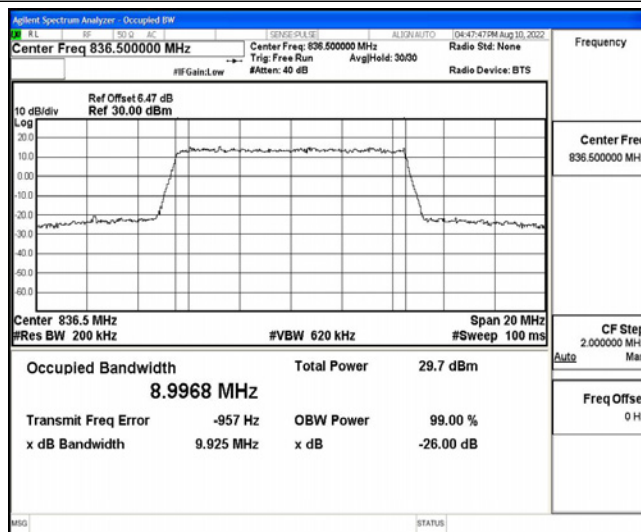




Band5-10MHz-16QAM-20450-50RB#0

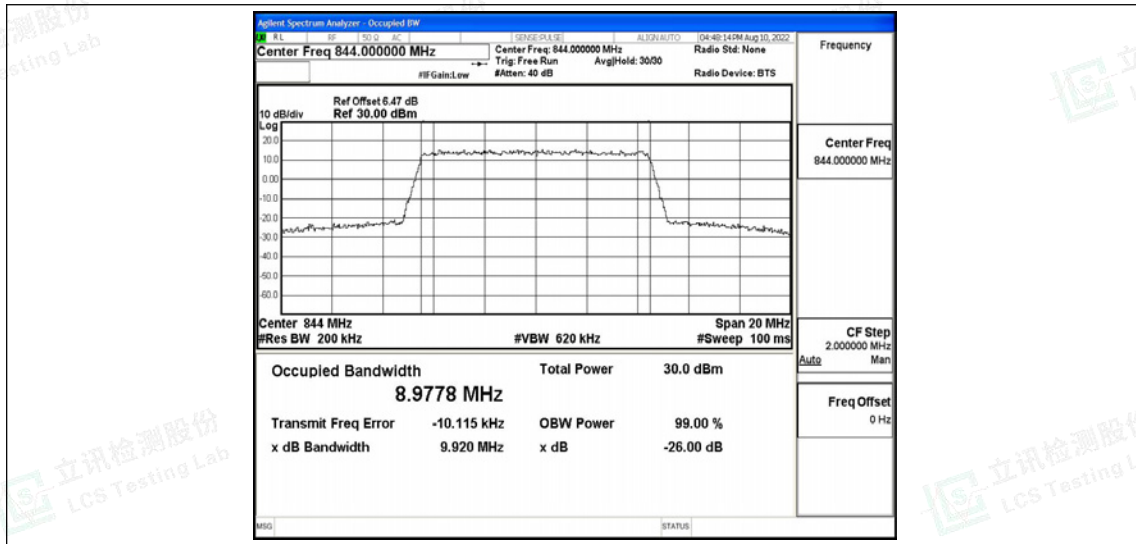


Band5-10MHz-16QAM-20525-50RB#0



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





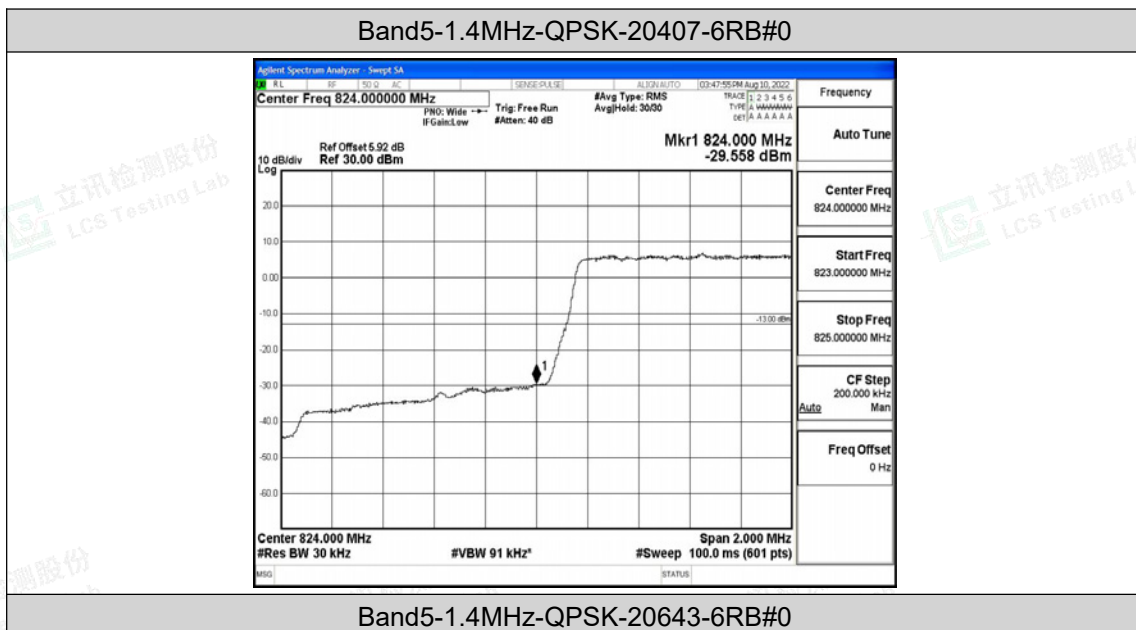


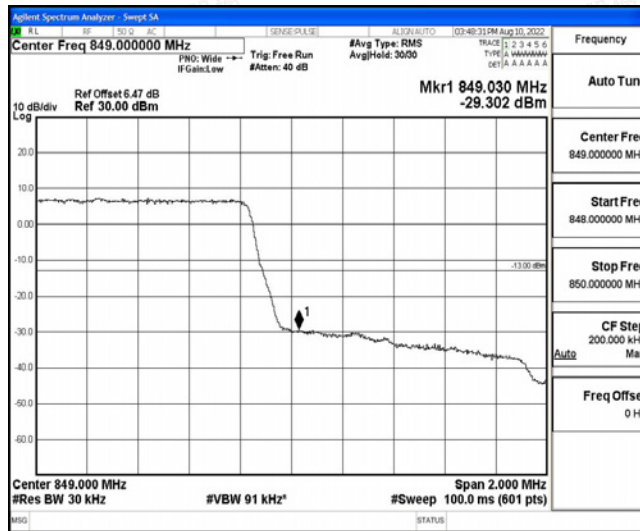
F.4 Band Edge

Test Result

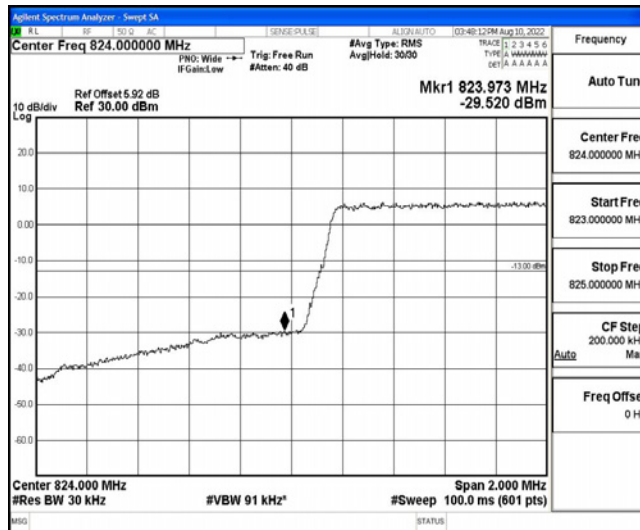
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-29.56	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-29.30	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-29.52	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-29.24	PASS
Band5	3MHz	QPSK	20415	15RB#0	-23.56	PASS
Band5	3MHz	QPSK	20635	15RB#0	-22.37	PASS
Band5	3MHz	16QAM	20415	15RB#0	-23.94	PASS
Band5	3MHz	16QAM	20635	15RB#0	-23.65	PASS
Band5	5MHz	QPSK	20425	25RB#0	-27.54	PASS
Band5	5MHz	QPSK	20625	25RB#0	-26.99	PASS
Band5	5MHz	16QAM	20425	25RB#0	-28.48	PASS
Band5	5MHz	16QAM	20625	25RB#0	-27.62	PASS
Band5	10MHz	QPSK	20450	50RB#0	-30.07	PASS
Band5	10MHz	QPSK	20600	50RB#0	-28.12	PASS
Band5	10MHz	16QAM	20450	50RB#0	-31.15	PASS
Band5	10MHz	16QAM	20600	50RB#0	-28.87	PASS

Test Graphs

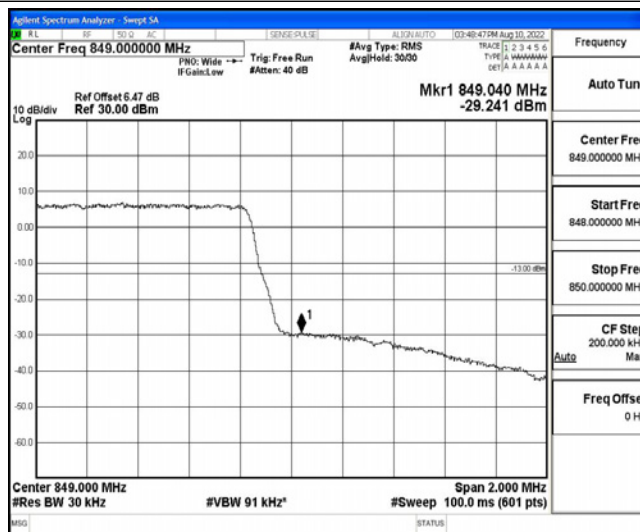




Band5-1.4MHz-16QAM-20407-6RB#0

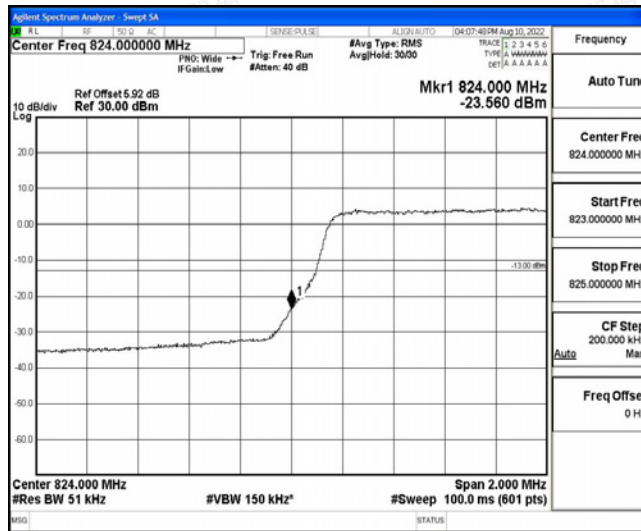


Band5-1.4MHz-16QAM-20643-6RB#0

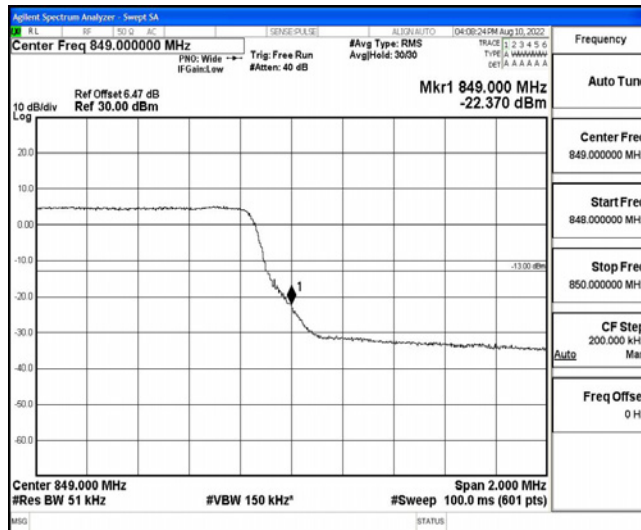


Band5-3MHz-QPSK-20415-15RB#0

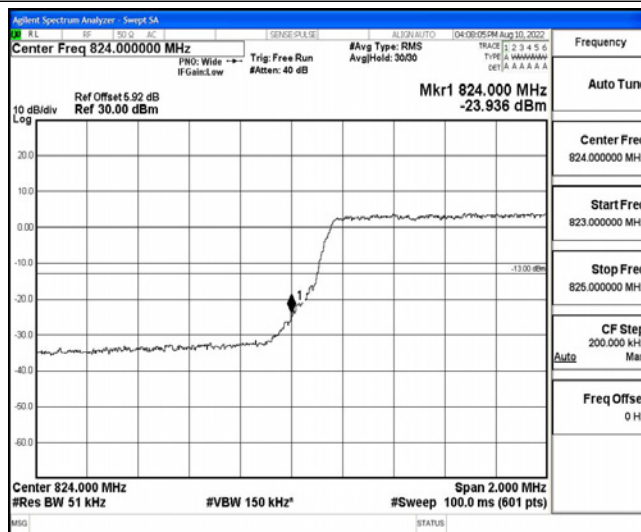




Band5-3MHz-QPSK-20635-15RB#0

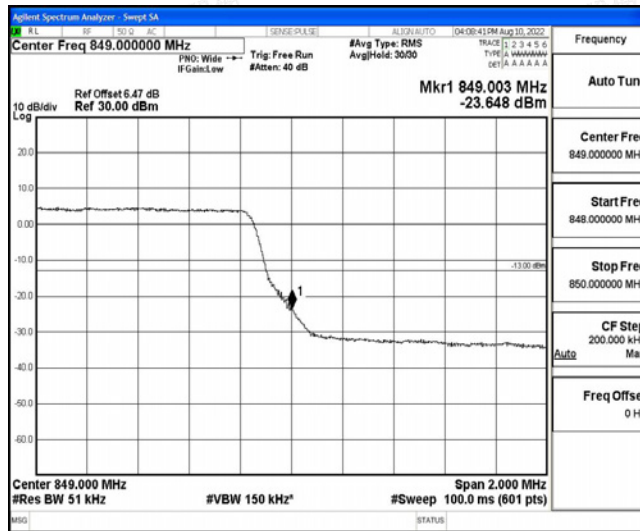


Band5-3MHz-16QAM-20415-15RB#0

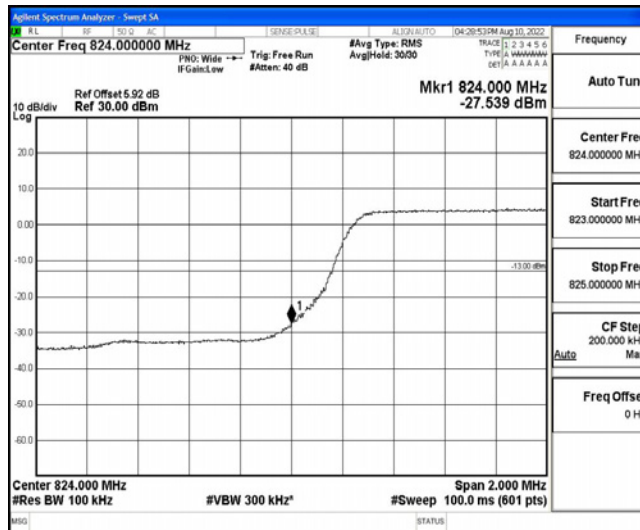


Band5-3MHz-16QAM-20635-15RB#0

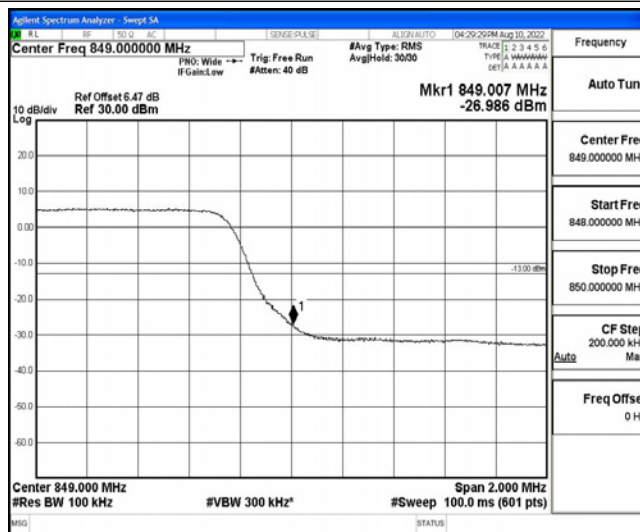




Band5-5MHz-QPSK-20425-25RB#0

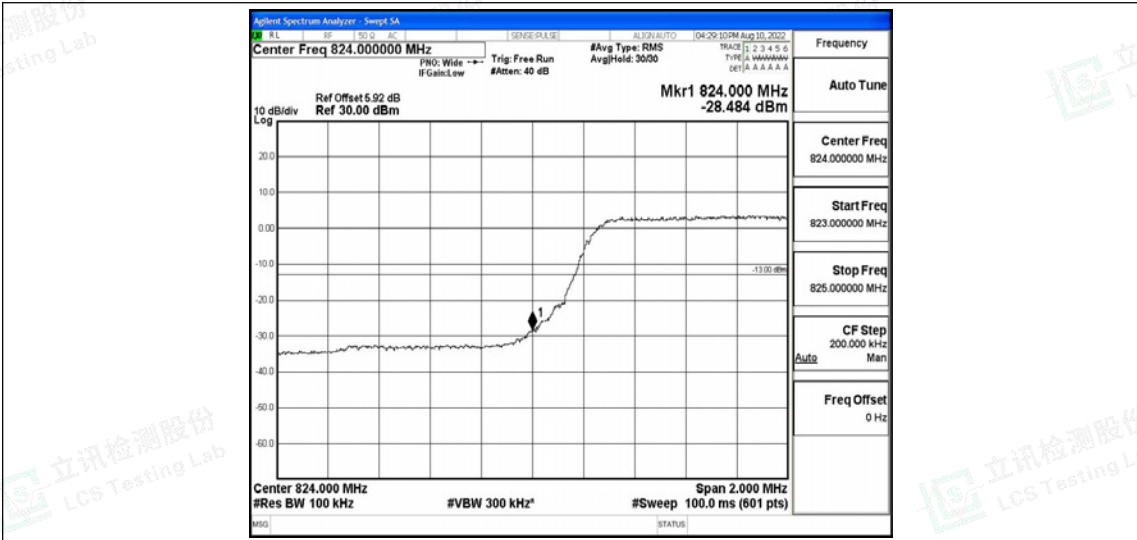


Band5-5MHz-QPSK-20625-25RB#0

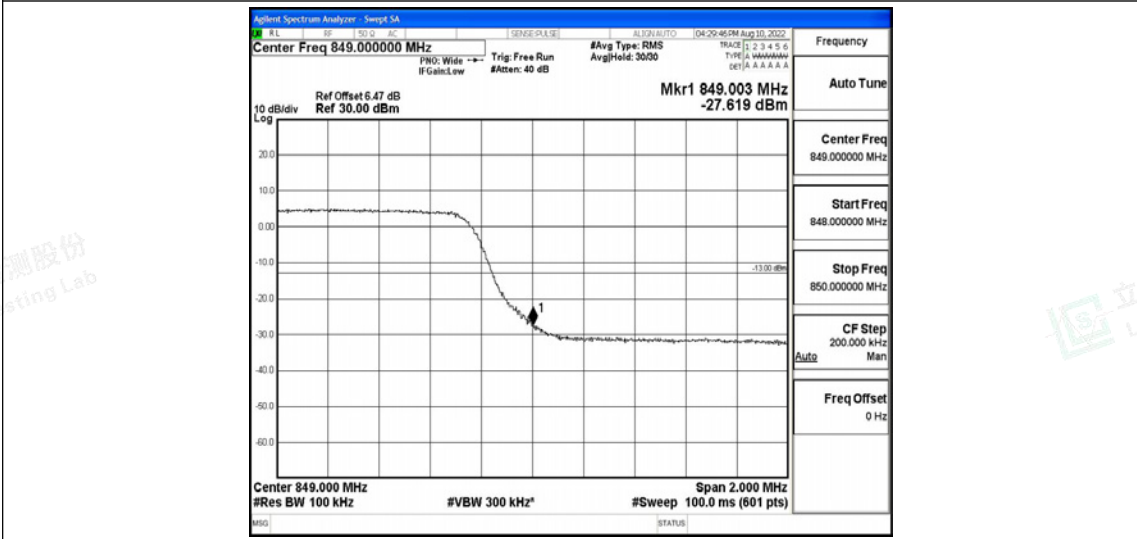


Band5-5MHz-16QAM-20425-25RB#0

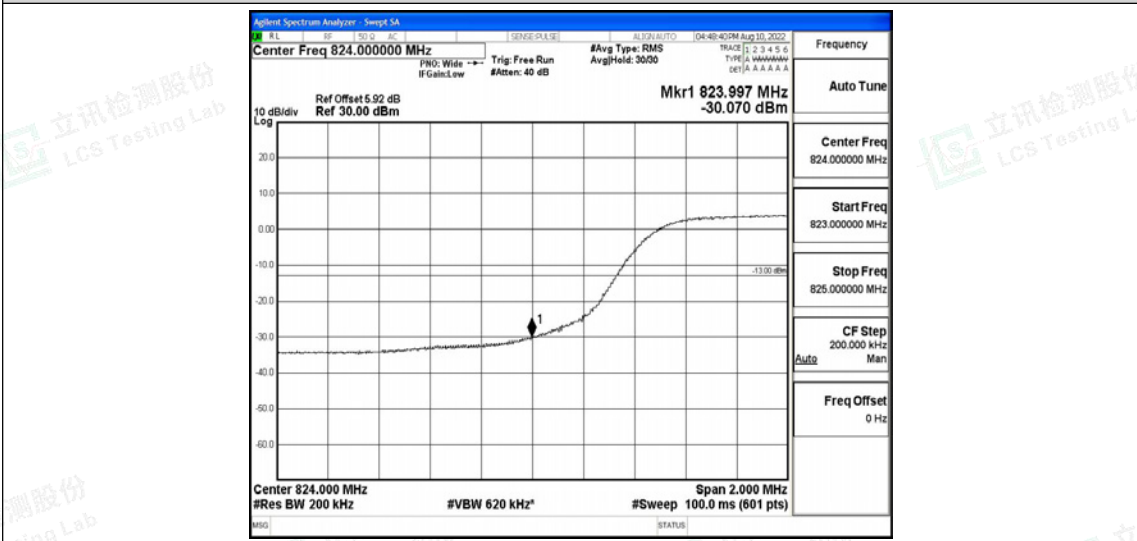




Band5-5MHz-16QAM-20625-25RB#0

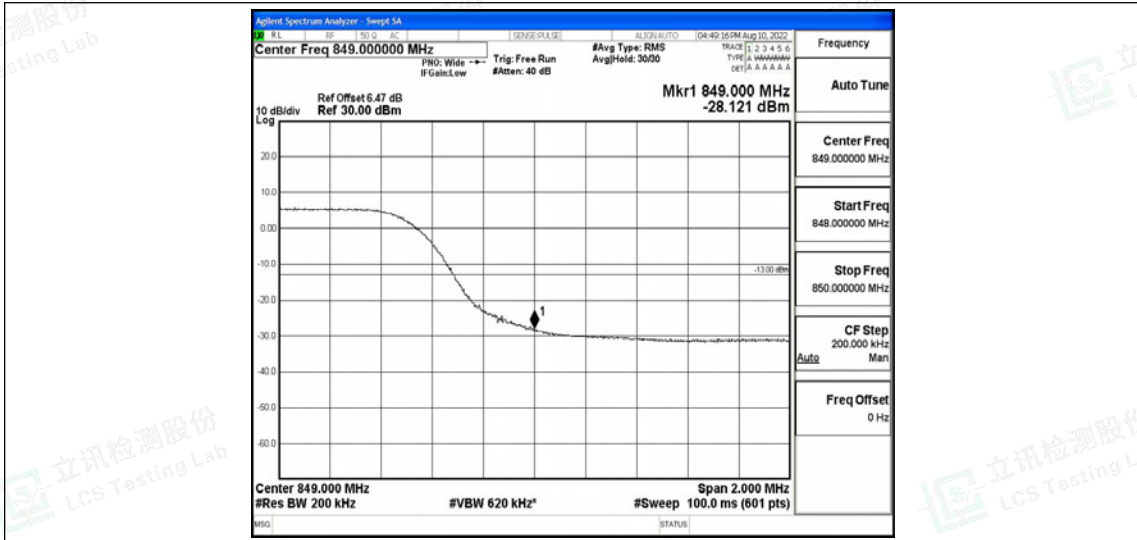


Band5-10MHz-QPSK-20450-50RB#0

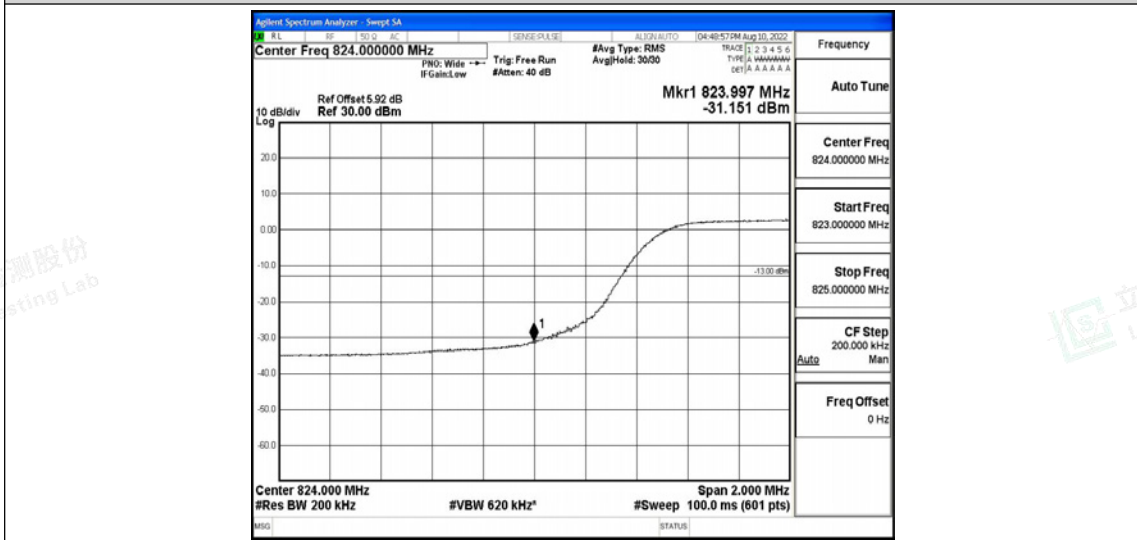


Band5-10MHz-QPSK-20600-50RB#0

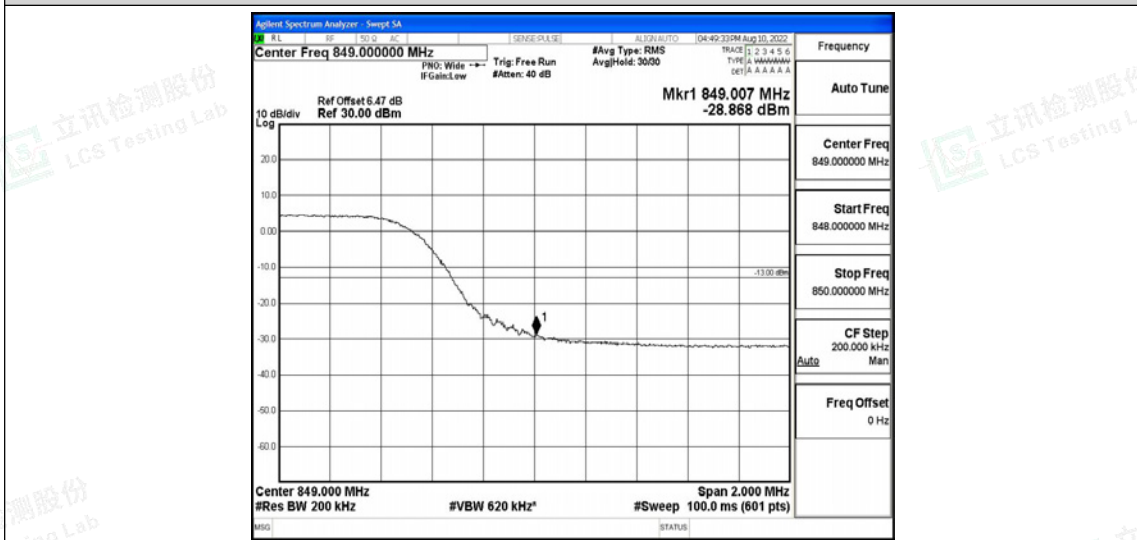




Band5-10MHz-16QAM-20450-50RB#0



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





F.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	-55.43	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:0.15~30MHz	-51.26	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range3:30~1000MHz	-41.2	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-53.96	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.14	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.55	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45.05	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:0.009~0.15MHz	-55	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:0.15~30MHz	-52.6	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range3:30~1000MHz	-40.93	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range4:1000~10000MHz	-45.15	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:0.009~0.15MHz	-54.14	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:0.15~30MHz	-50.24	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range3:30~1000MHz	-41.23	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range4:1000~10000MHz	-44.92	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-53.3	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-51.36	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.87	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:0.009~0.15MHz	-54.87	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:0.15~30MHz	-52.5	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range3:30~1000MHz	-40.96	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range4:1000~10000MHz	-44.61	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:0.009~0.15MHz	-55.81	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:0.15~30MHz	-51.46	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range3:30~1000MHz	-41.3	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range4:1000~10000MHz	-44.81	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.84	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-52.06	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.27	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:0.009~0.15MHz	-55.73	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:0.15~30MHz	-51.64	PASS





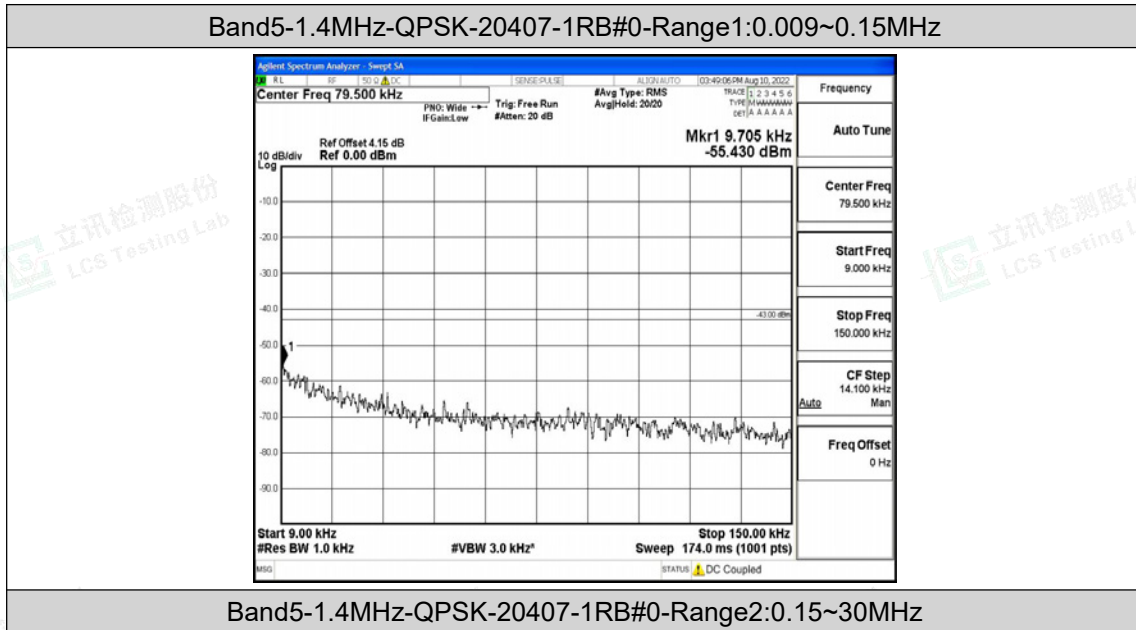
Band5	3MHz	QPSK	20635	1RB#0	Range3:30~1000MHz	-41.22	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:0.009~0.15MHz	-55.68	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:0.15~30MHz	-52.34	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range3:30~1000MHz	-41.29	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range4:1000~10000MHz	-45.02	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.16	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-50.83	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.76	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-45.14	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:0.009~0.15MHz	-56.81	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:0.15~30MHz	-50.54	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range3:30~1000MHz	-41.15	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:0.009~0.15MHz	-54.75	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:0.15~30MHz	-51.49	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range3:30~1000MHz	-40.23	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range4:1000~10000MHz	-44.31	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.69	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-52.19	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.2	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.4	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:0.009~0.15MHz	-55.39	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:0.15~30MHz	-50.3	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range3:30~1000MHz	-41.33	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range4:1000~10000MHz	-44.59	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:0.009~0.15MHz	-54.82	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:0.15~30MHz	-51.49	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range3:30~1000MHz	-40.95	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range4:1000~10000MHz	-44.53	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-56.02	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-51.39	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-41.12	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.34	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:0.009~0.15MHz	-56.78	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:0.15~30MHz	-50.36	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range3:30~1000MHz	-41.5	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range4:1000~10000MHz	-44.61	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:0.009~0.15MHz	-54.76	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:0.15~30MHz	-50.16	PASS

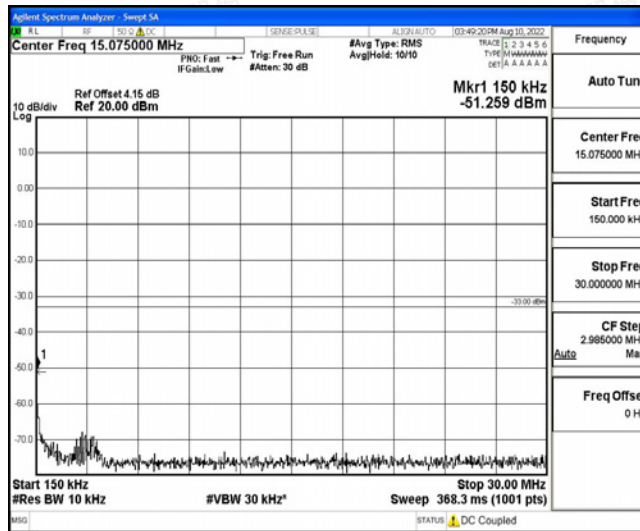




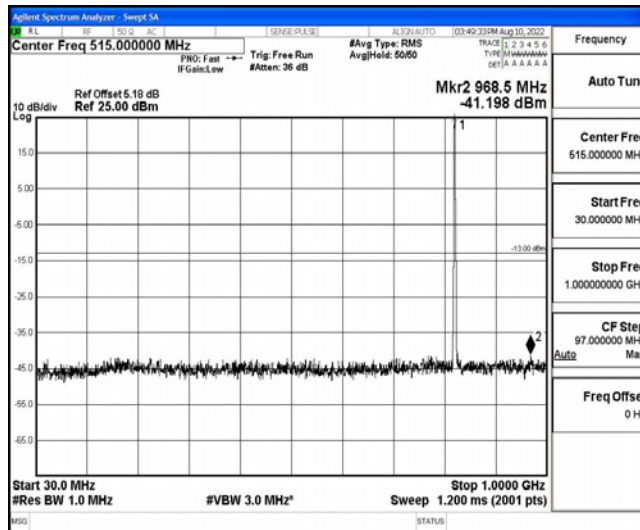
Band5	10MHz	QPSK	20450	1RB#0	Range3:30~1000MHz	-40.35	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-56.14	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.25	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.06	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45.14	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:0.009~0.15MHz	-52.26	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:0.15~30MHz	-50.38	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range3:30~1000MHz	-41.06	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range4:1000~10000MHz	-45.09	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	-51.57	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range3:30~1000MHz	-40.47	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range4:1000~10000MHz	-44.96	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.2	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-49.8	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.83	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-45.09	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:0.009~0.15MHz	-55.79	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:0.15~30MHz	-51.71	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range3:30~1000MHz	-41.03	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range4:1000~10000MHz	-45.14	PASS

Test Graphs

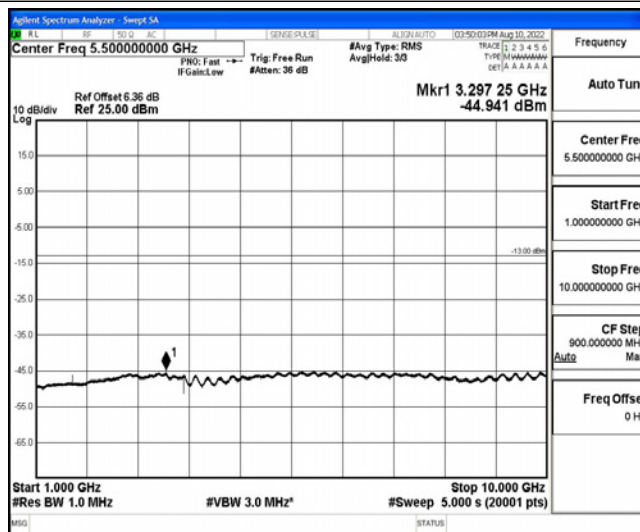




Band5-1.4MHz-QPSK-20407-1RB#0-Range3:30~1000MHz

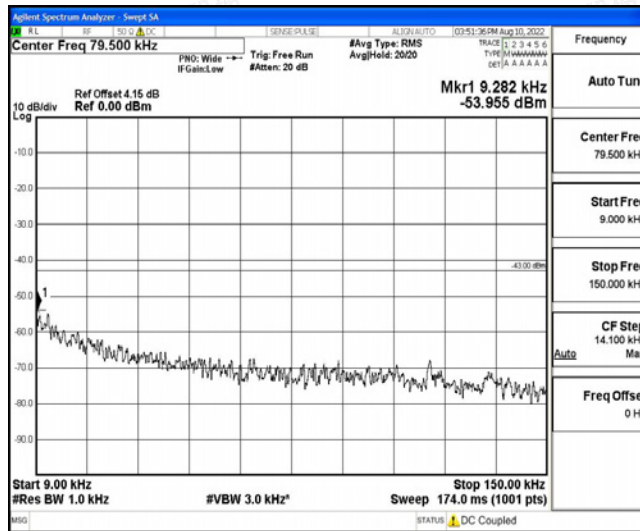


Band5-1.4MHz-QPSK-20407-1RB#0-Range4:1000~10000MHz

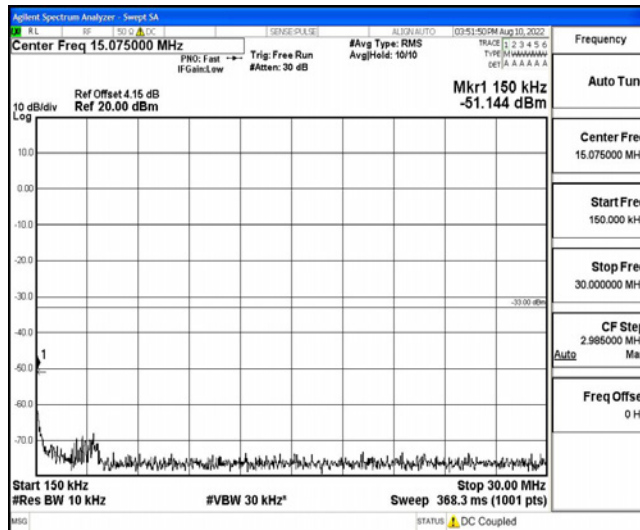


Band5-1.4MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz

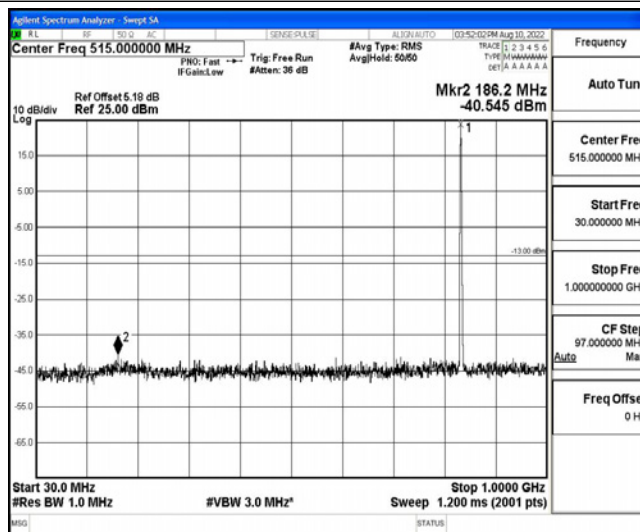




Band5-1.4MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz

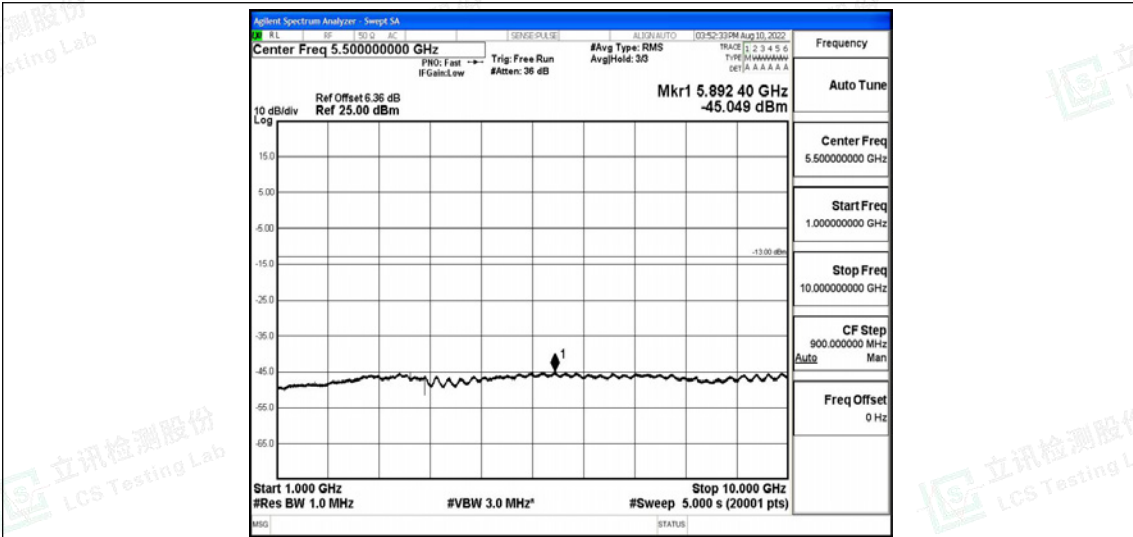


Band5-1.4MHz-QPSK-20525-1RB#0-Range3:30~1000MHz

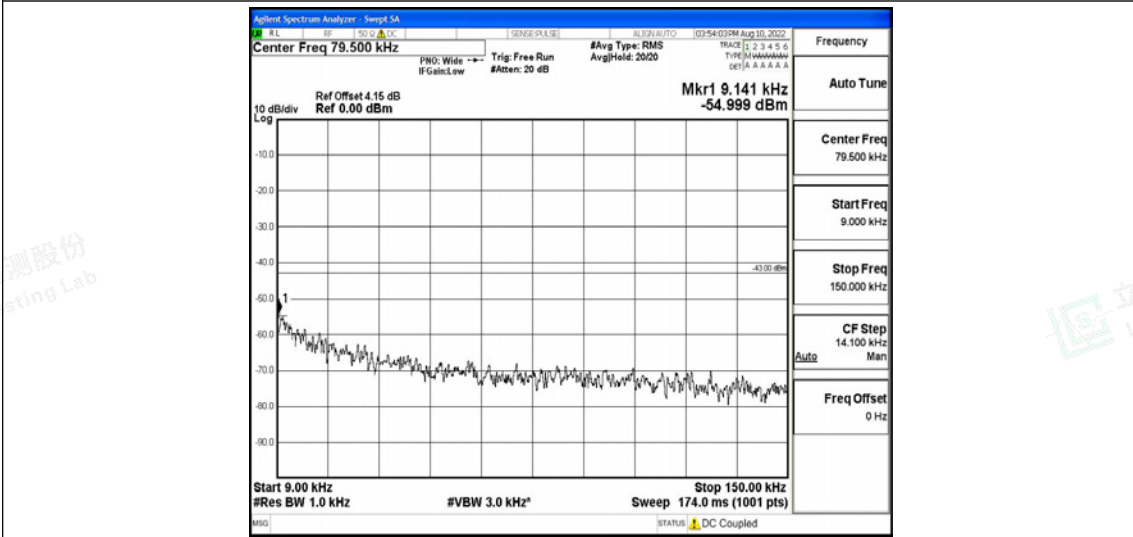


Band5-1.4MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz

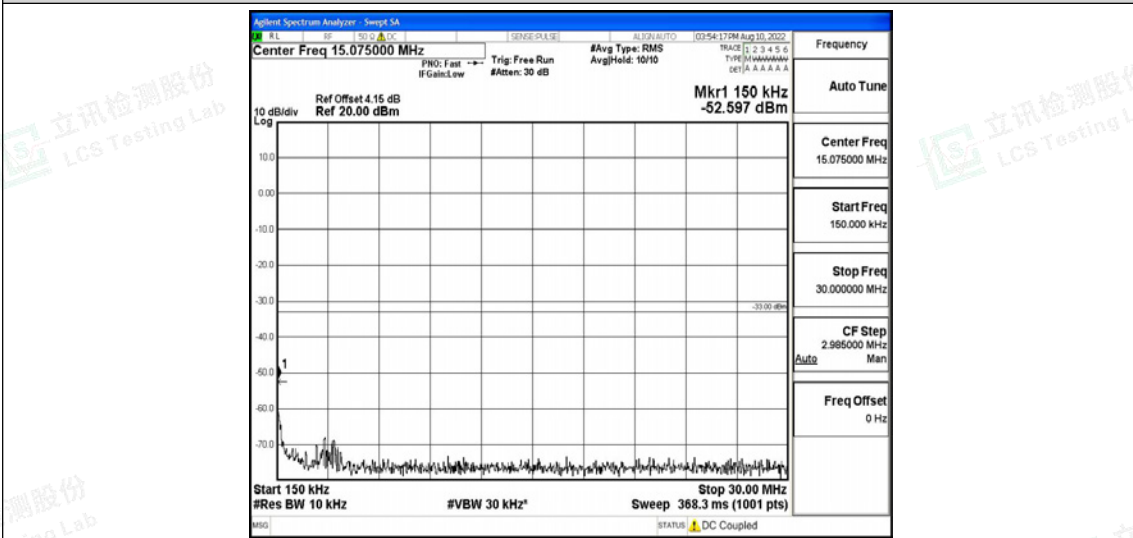




Band5-1.4MHz-QPSK-20643-1RB#0-Range1:0.009~0.15MHz

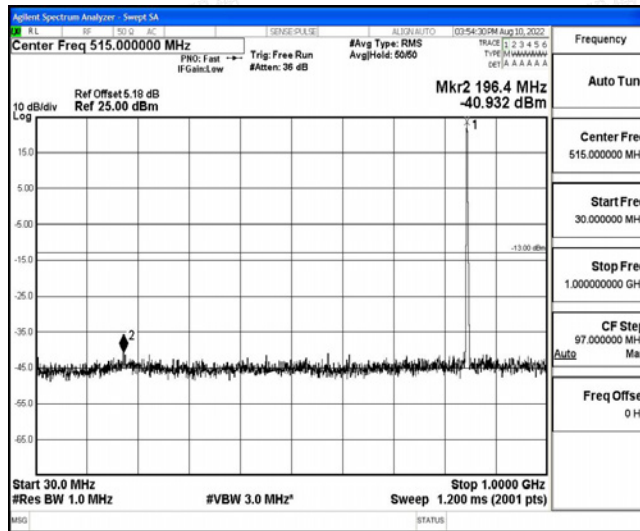


Band5-1.4MHz-QPSK-20643-1RB#0-Range2:0.15~30MHz

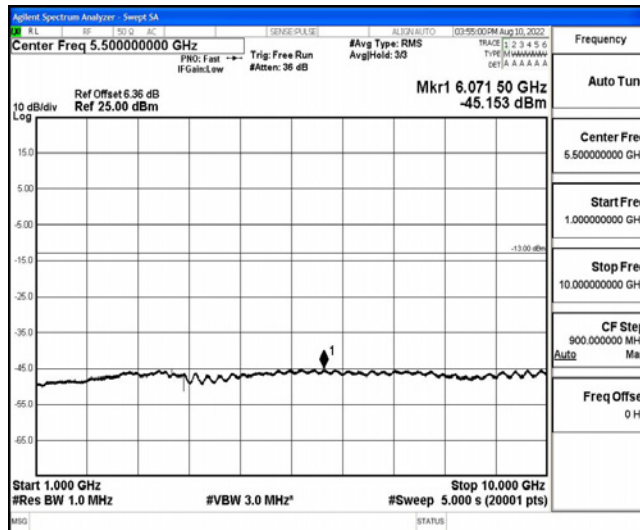


Band5-1.4MHz-QPSK-20643-1RB#0-Range3:30~1000MHz

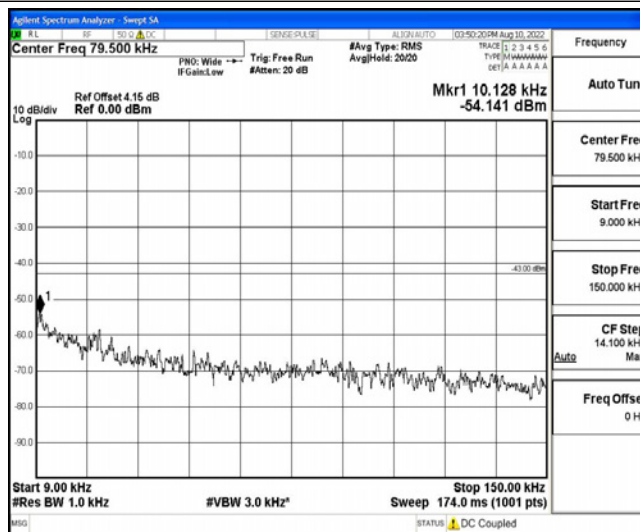




Band5-1.4MHz-QPSK-20643-1RB#0-Range4:1000~10000MHz

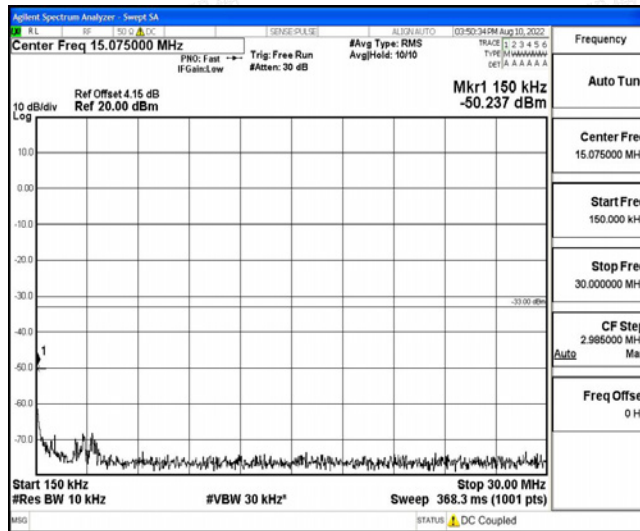


Band5-1.4MHz-16QAM-20407-1RB#0-Range1:0.009~0.15MHz

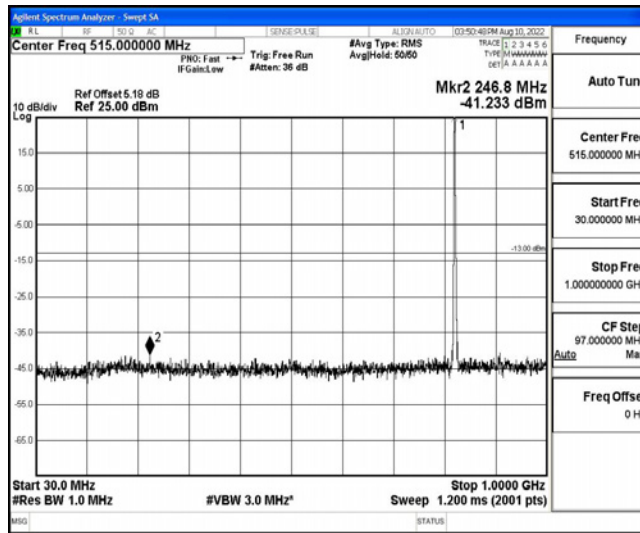


Band5-1.4MHz-16QAM-20407-1RB#0-Range2:0.15~30MHz

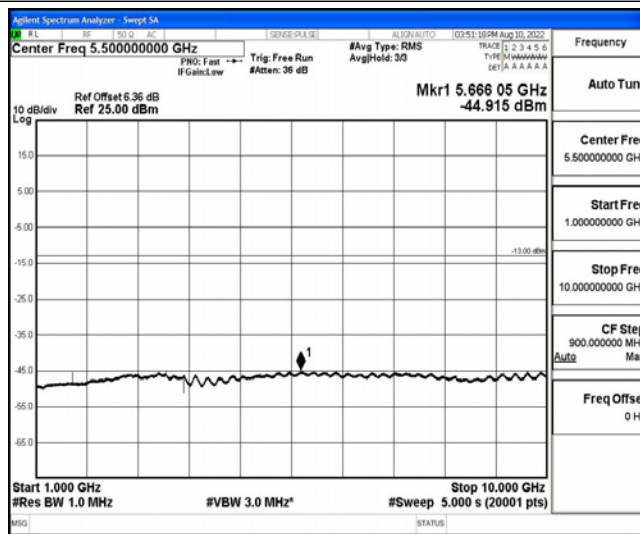




Band5-1.4MHz-16QAM-20407-1RB#0-Range3:30~1000MHz

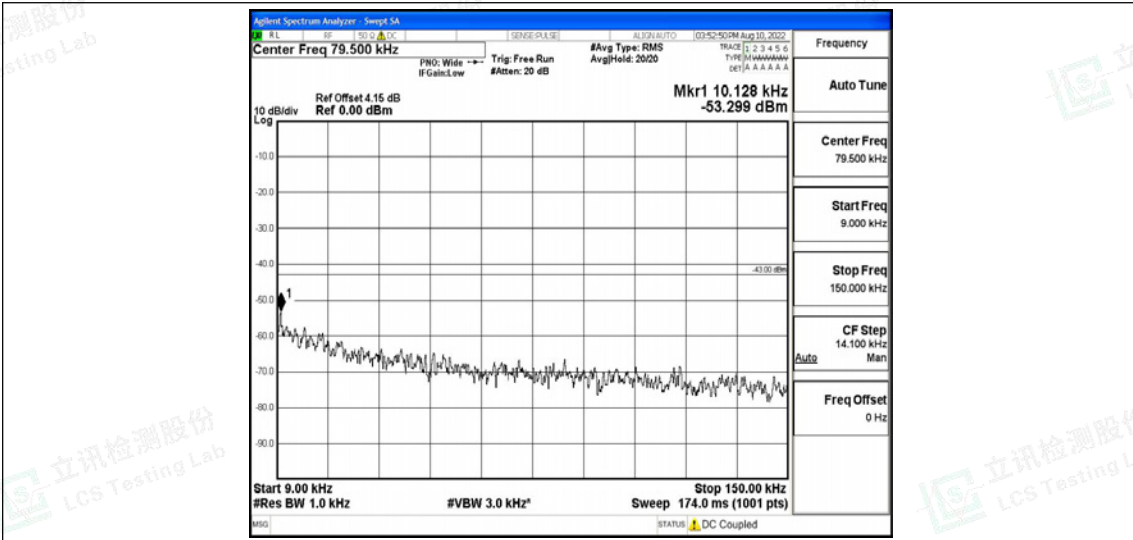


Band5-1.4MHz-16QAM-20407-1RB#0-Range4:1000~10000MHz

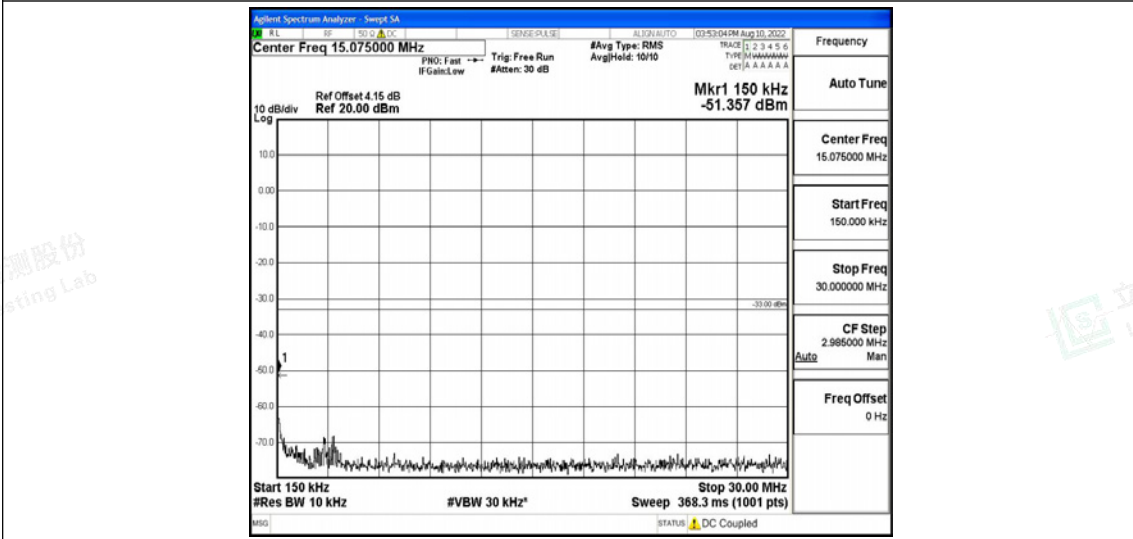


Band5-1.4MHz-16QAM-20525-1RB#0-Range1:0.009~0.15MHz

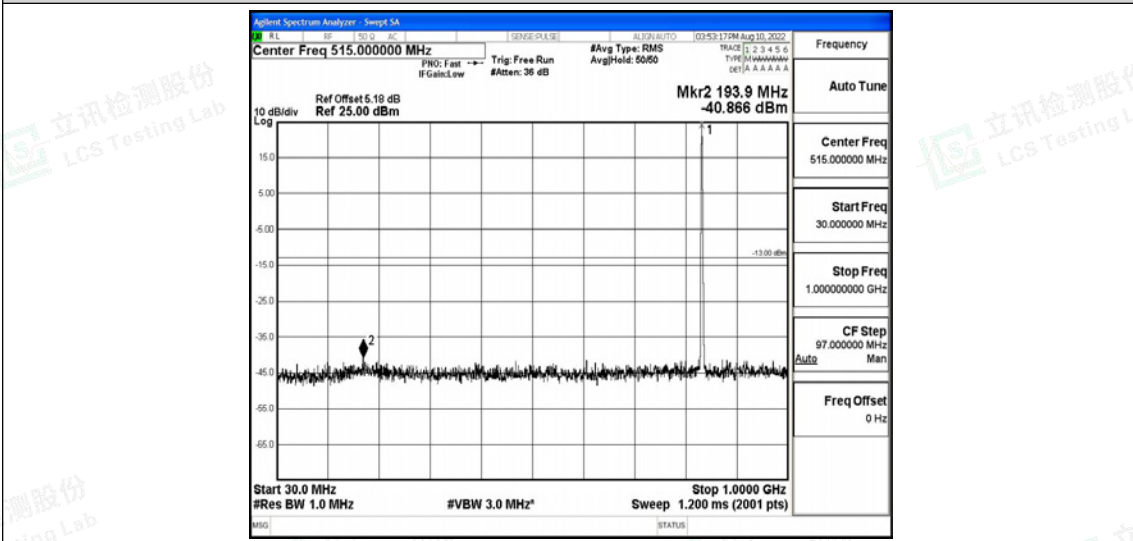




Band5-1.4MHz-16QAM-20525-1RB#0-Range2:0.15~30MHz



Band5-1.4MHz-16QAM-20525-1RB#0-Range3:30~1000MHz



Band5-1.4MHz-16QAM-20525-1RB#0-Range4:1000~10000MHz

