



Appendix J: Test Data for E-UTRA Band 5

Product Name: Smart Phone

Test Model: HLTE241E

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li huan





J.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	22.75	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.00	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.66	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.83	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.86	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.81	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.90	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.59	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.68	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.57	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.65	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.65	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.66	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.71	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.70	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.80	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.69	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.76	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.72	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.72	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.78	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.67	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.84	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.66	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.64	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.65	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.61	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.82	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.50	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.70	PASS





Band5	1.4MHz	16QAM	20525	1RB#5	21.47	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.47	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.40	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.70	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.57	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.67	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.51	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	21.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.75	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.79	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.73	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.77	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.81	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.83	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.81	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.77	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.66	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.64	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.67	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.70	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.69	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.66	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.65	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.73	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.73	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.72	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.79	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.77	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.77	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.71	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.84	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.81	PASS





Band5	3MHz	16QAM	20415	1RB#14	21.78	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.83	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.87	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.80	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.80	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.63	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.64	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.62	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.68	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.70	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.65	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.68	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.74	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.70	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.73	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.76	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.81	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.75	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.72	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.79	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.89	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.71	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.79	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.83	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.79	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.80	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.57	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.64	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.52	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.68	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.65	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.60	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.66	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.69	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.83	PASS





Band5	5MHz	QPSK	20625	1RB#24	22.71	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.72	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.71	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.63	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.72	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.70	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.76	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.63	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.79	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.79	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.76	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.78	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.68	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.71	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.59	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.68	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.69	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.65	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.66	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.60	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.69	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.52	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.71	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.74	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.68	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.78	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.83	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.89	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.73	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.81	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.81	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.83	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.75	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.65	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.74	PASS





Band5	10MHz	QPSK	20525	1RB#49	22.64	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.74	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.71	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.69	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.64	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.64	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.82	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.68	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.74	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.77	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.69	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.75	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.71	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.70	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.54	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.83	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.80	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.83	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.78	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.44	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.48	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.47	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.69	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.69	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.72	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.62	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.66	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.79	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.68	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.71	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.76	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.71	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.76	PASS





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

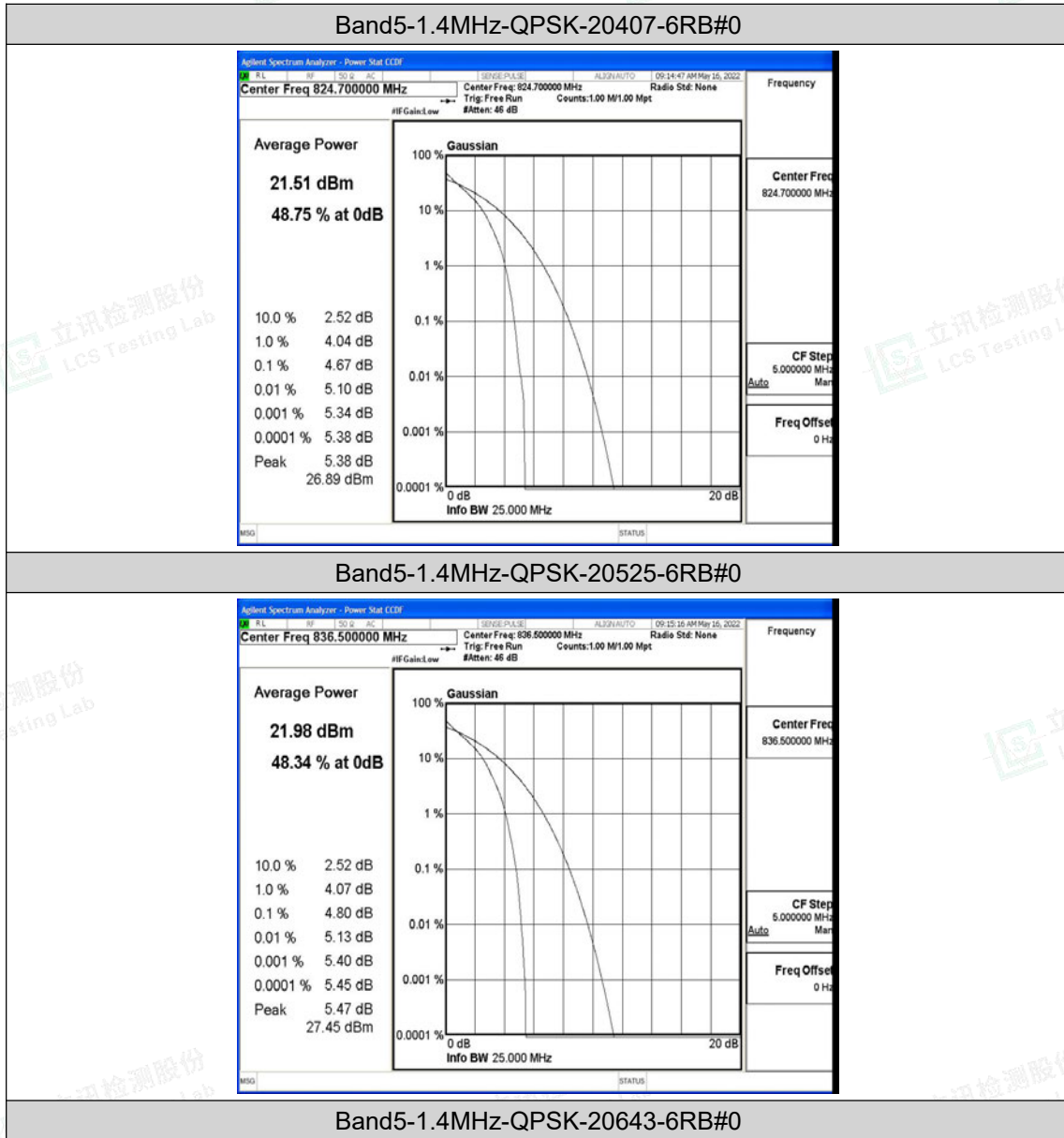
Test Result

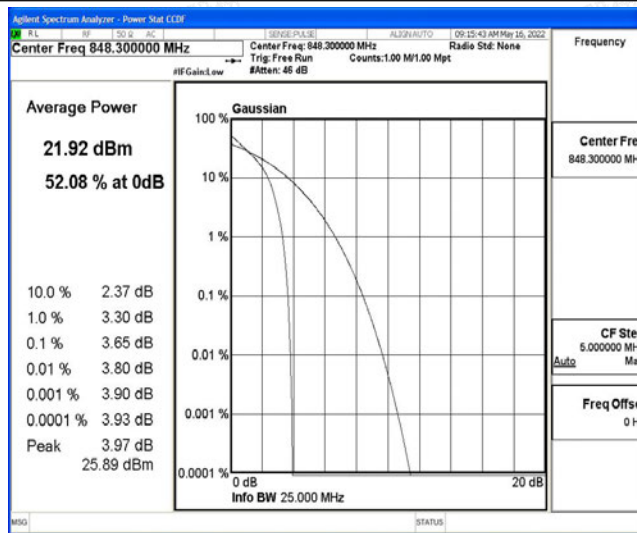
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	4.67	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.80	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3.65	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.58	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.67	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	4.72	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.79	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	4.88	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.41	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.65	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.69	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.32	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.82	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.87	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.79	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.65	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.68	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.60	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.08	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.87	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.92	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.89	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.72	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.75	13	PASS



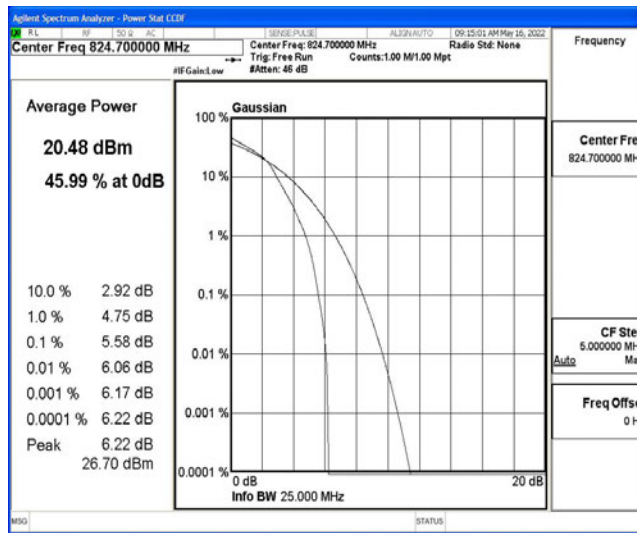


Test Graphs

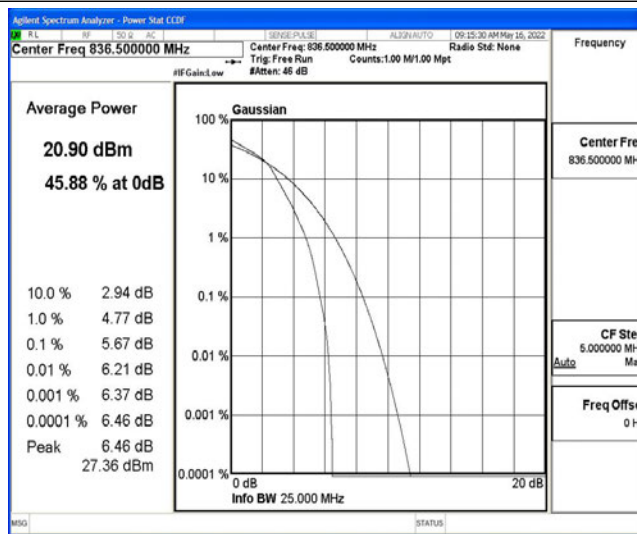




Band5-1.4MHz-16QAM-20407-6RB#0

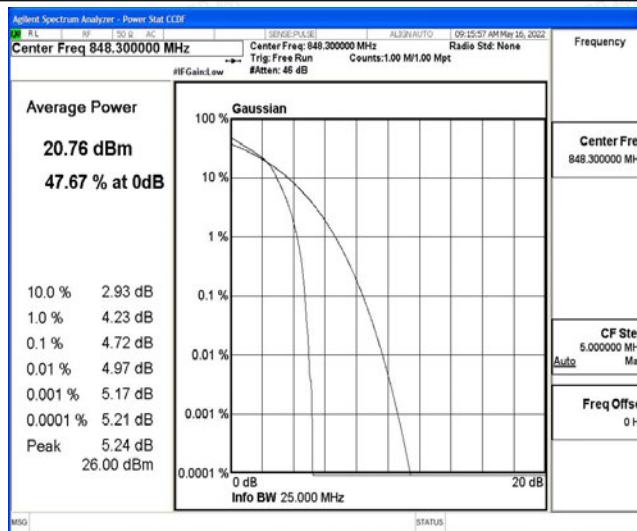


Band5-1.4MHz-16QAM-20525-6RB#0

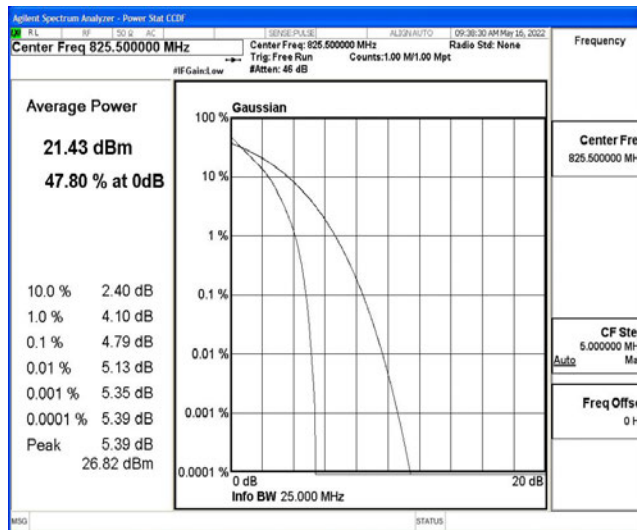


Band5-1.4MHz-16QAM-20643-6RB#0

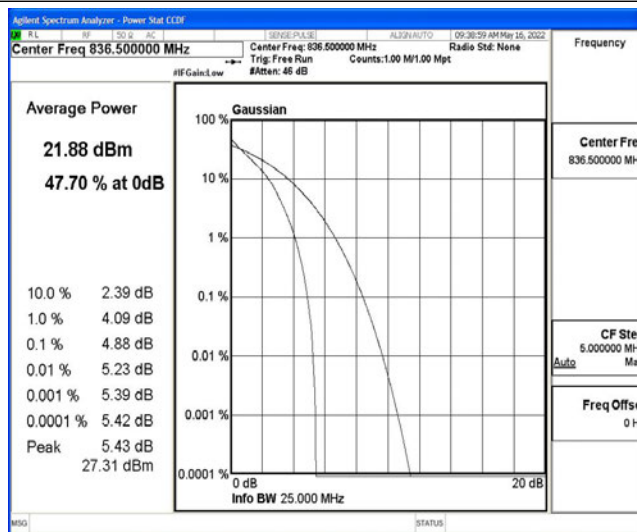




Band5-3MHz-QPSK-20415-15RB#0

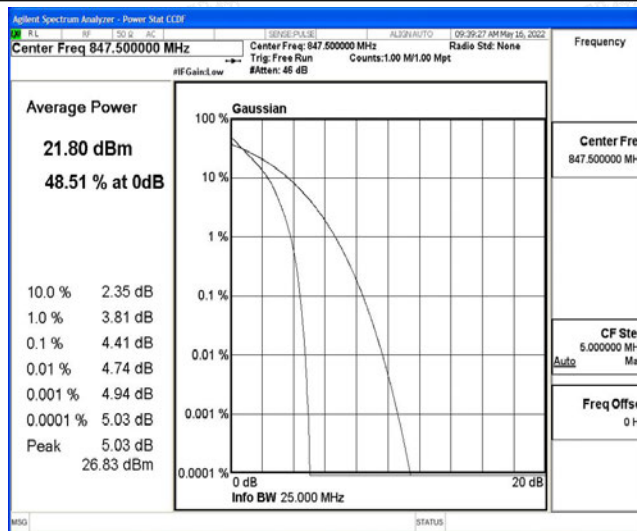


Band5-3MHz-QPSK-20525-15RB#0

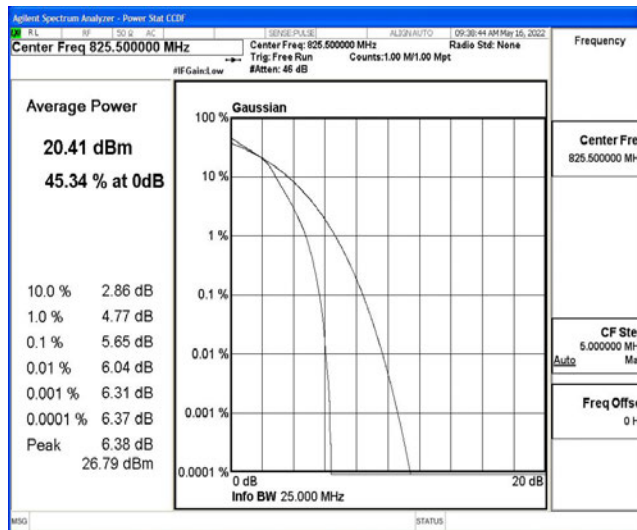


Band5-3MHz-QPSK-20635-15RB#0

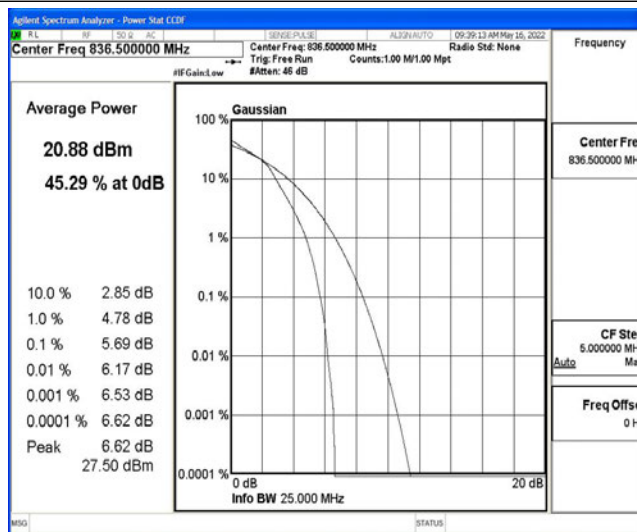




Band5-3MHz-16QAM-20415-15RB#0

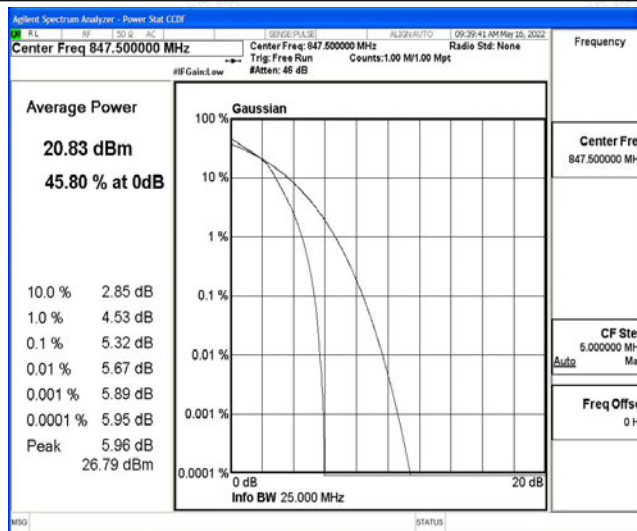


Band5-3MHz-16QAM-20525-15RB#0

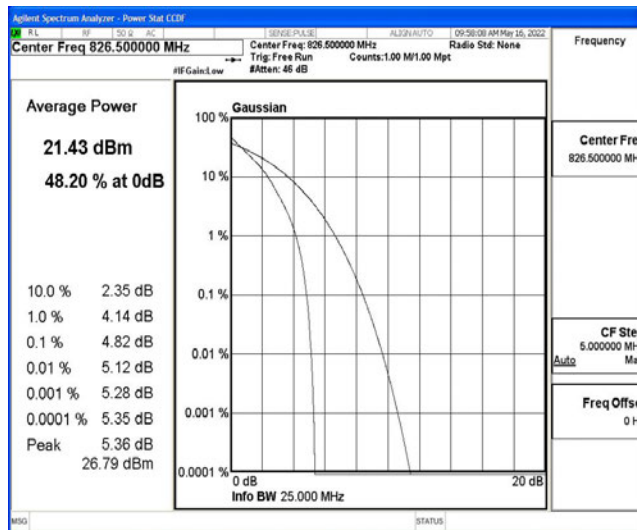


Band5-3MHz-16QAM-20635-15RB#0

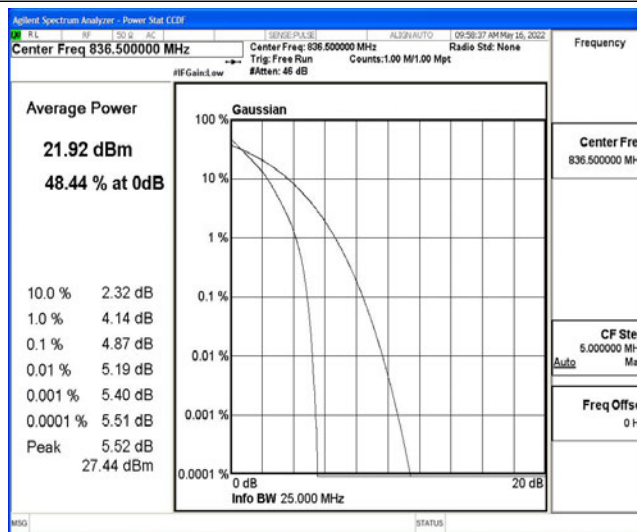




Band5-5MHz-QPSK-20425-25RB#0

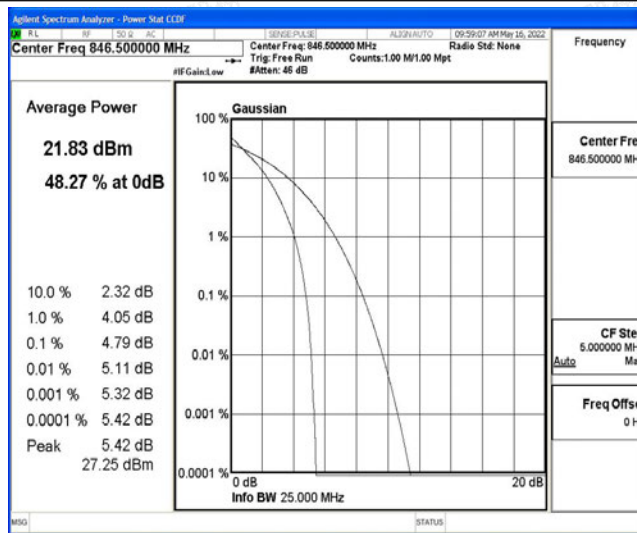


Band5-5MHz-QPSK-20525-25RB#0

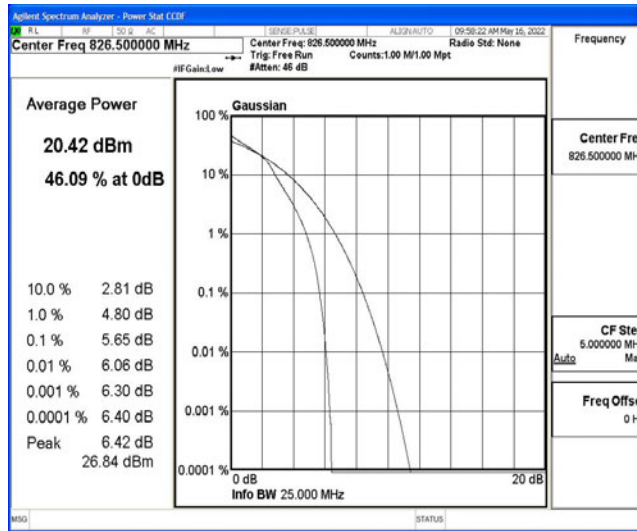


Band5-5MHz-QPSK-20625-25RB#0

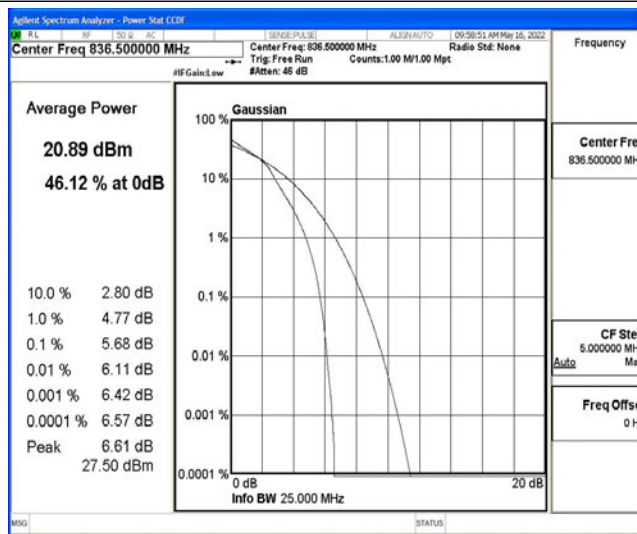




Band5-5MHz-16QAM-20425-25RB#0

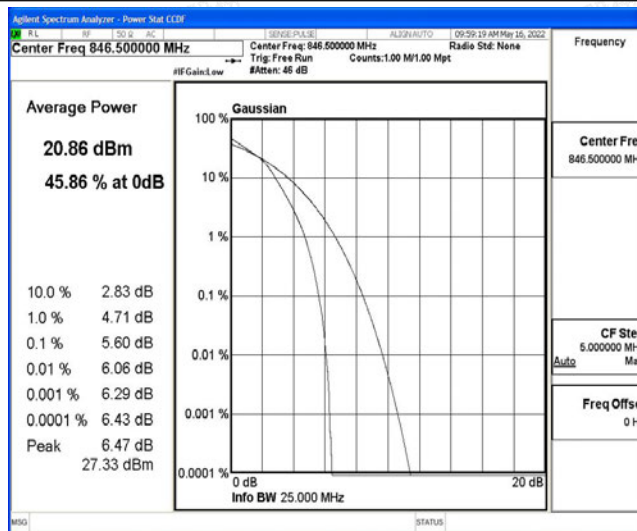


Band5-5MHz-16QAM-20525-25RB#0

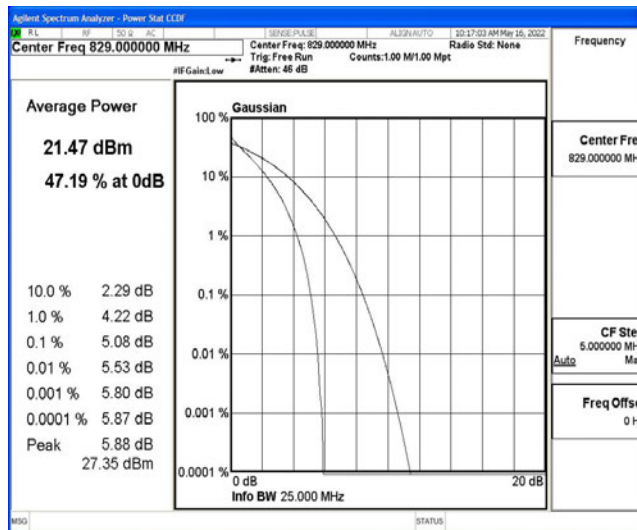


Band5-5MHz-16QAM-20625-25RB#0

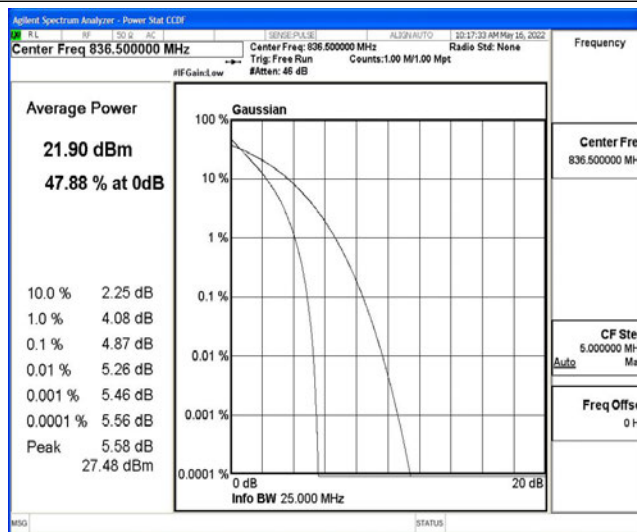




Band5-10MHz-QPSK-20450-50RB#0

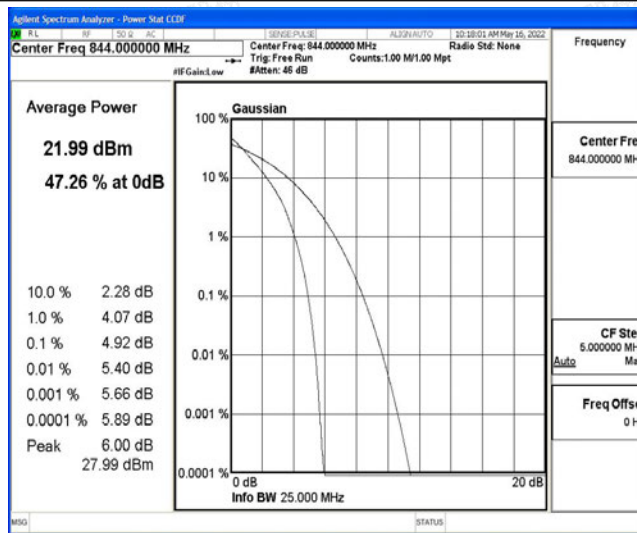


Band5-10MHz-QPSK-20525-50RB#0

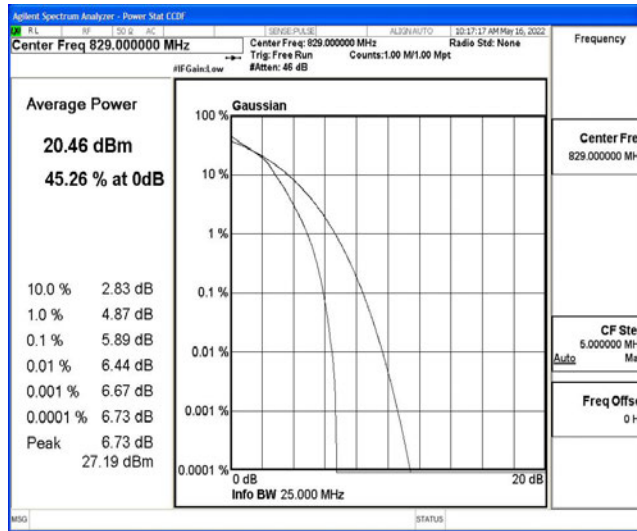


Band5-10MHz-QPSK-20600-50RB#0

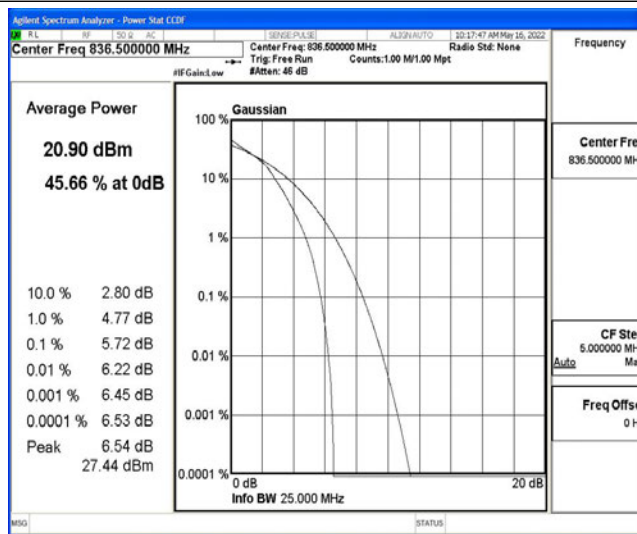




Band5-10MHz-16QAM-20450-50RB#0

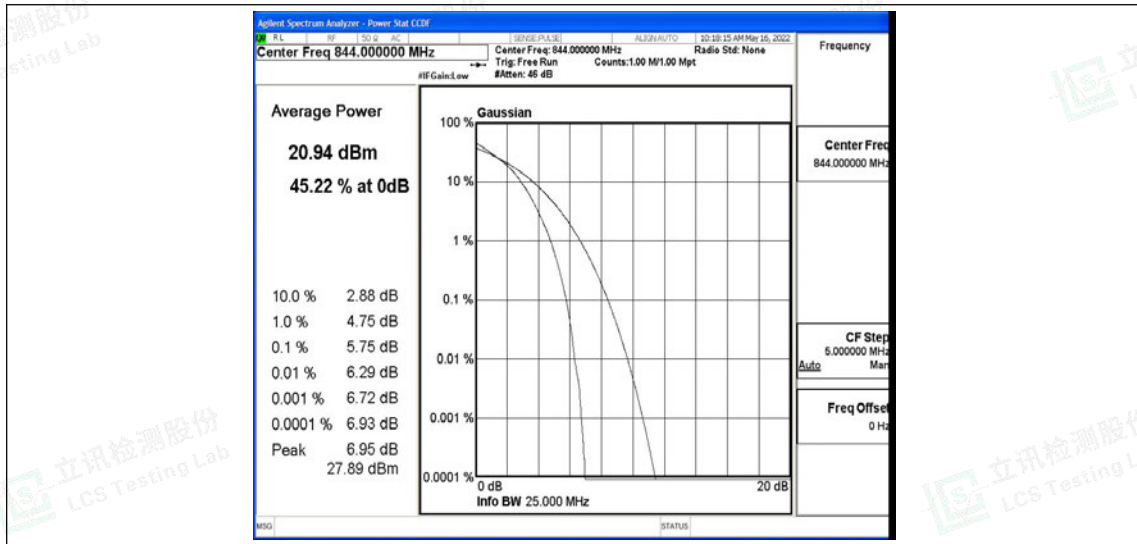


Band5-10MHz-16QAM-20525-50RB#0



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







J.3 26dB Bandwidth and Occupied Bandwidth

Test Result

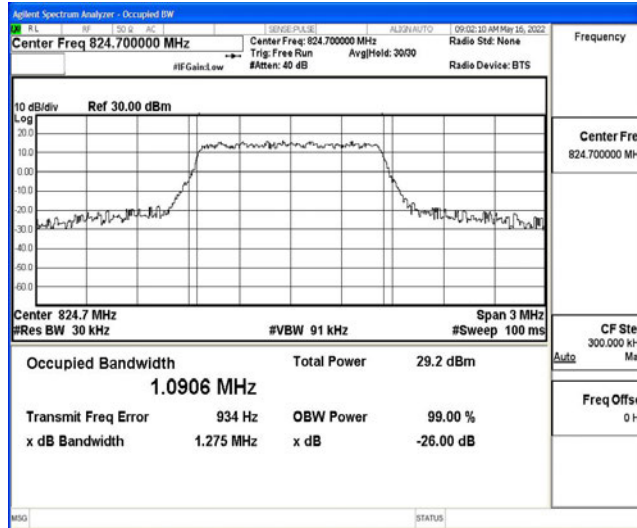
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0906	1.275	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0911	1.298	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1012	1.320	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0932	1.297	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0936	1.292	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0901	1.298	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6836	2.887	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6831	2.882	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6843	2.903	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6784	2.896	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6806	2.891	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6824	2.902	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4887	4.924	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4928	4.920	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4879	4.909	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4915	4.918	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4915	4.918	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4981	4.938	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9904	9.815	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9808	9.754	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9867	9.802	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9836	9.707	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9747	9.757	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9828	9.746	PASS



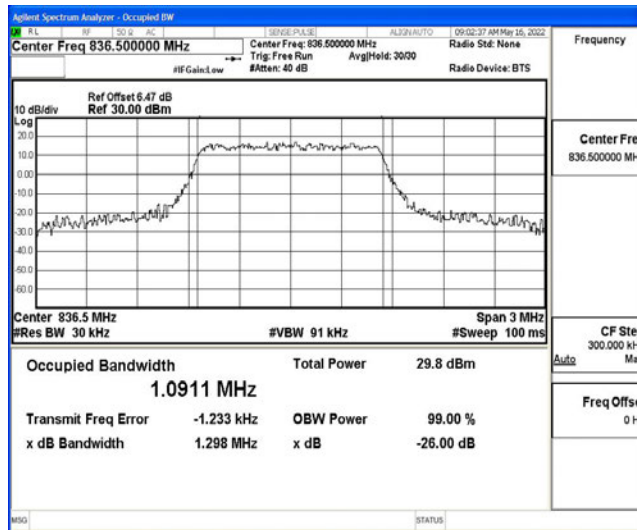


Test Graphs

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

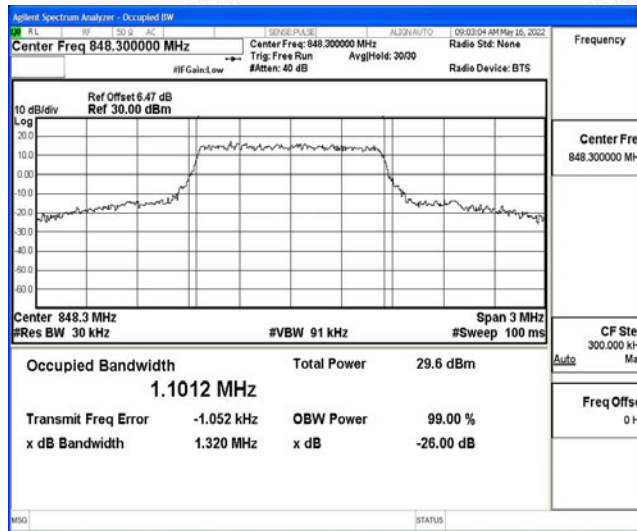


Band5-1.4MHz-QPSK-20525-6RB#0

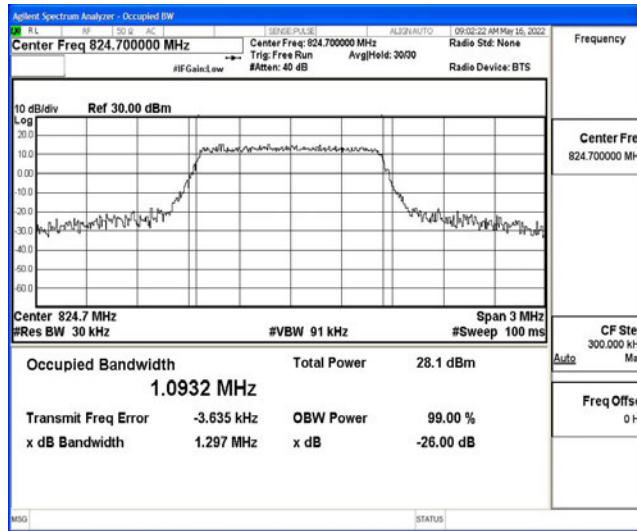


Band5-1.4MHz-QPSK-20643-6RB#0

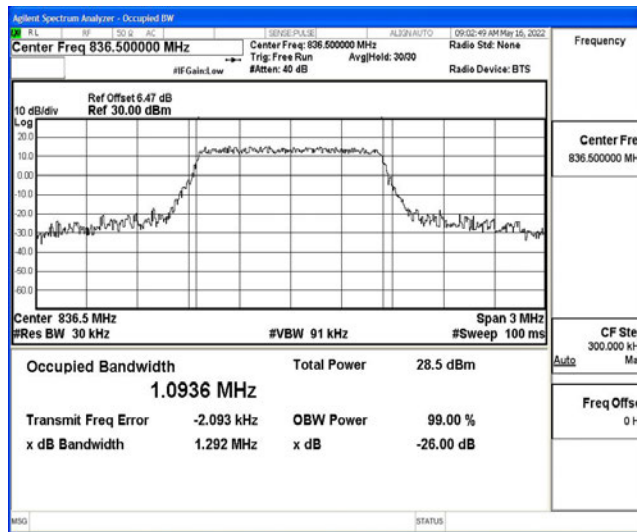




Band5-1.4MHz-16QAM-20407-6RB#0

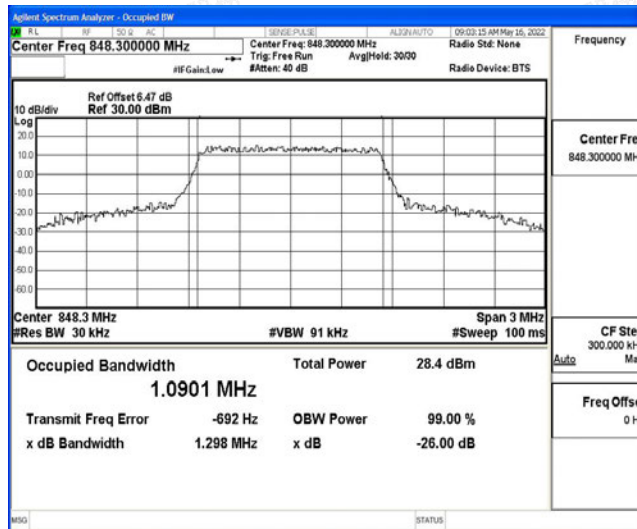


Band5-1.4MHz-16QAM-20525-6RB#0

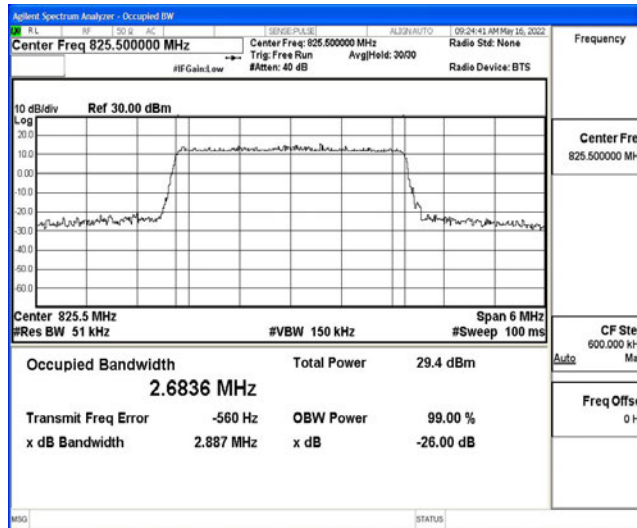


Band5-1.4MHz-16QAM-20643-6RB#0

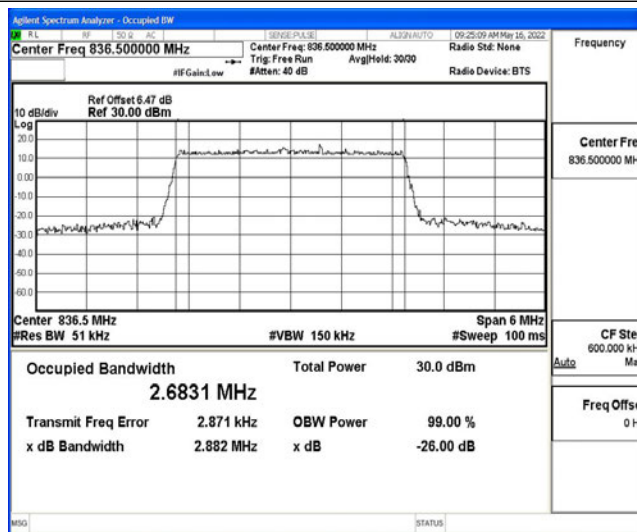




Band5-3MHz-QPSK-20415-15RB#0

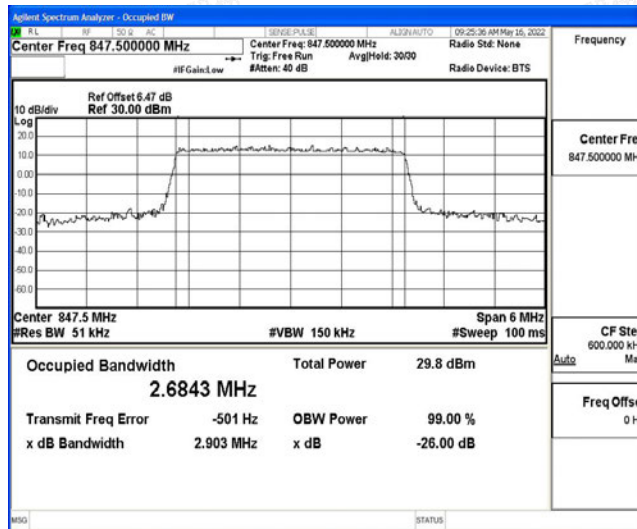


Band5-3MHz-QPSK-20525-15RB#0

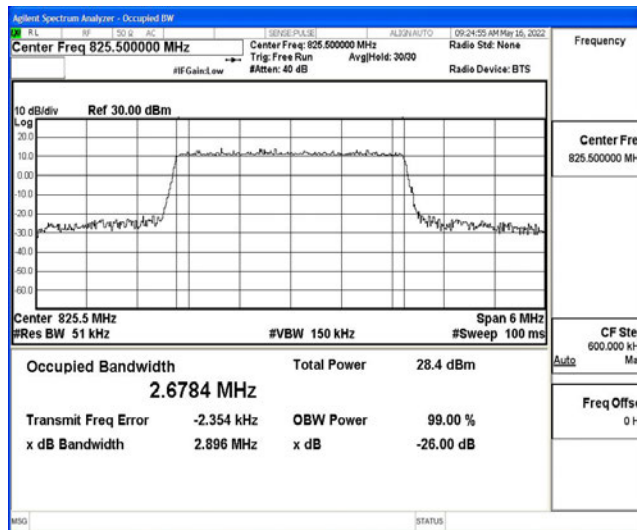


Band5-3MHz-QPSK-20635-15RB#0

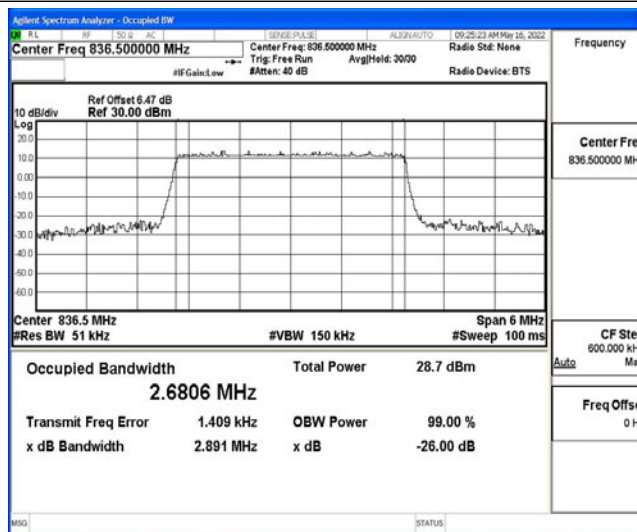




Band5-3MHz-16QAM-20415-15RB#0

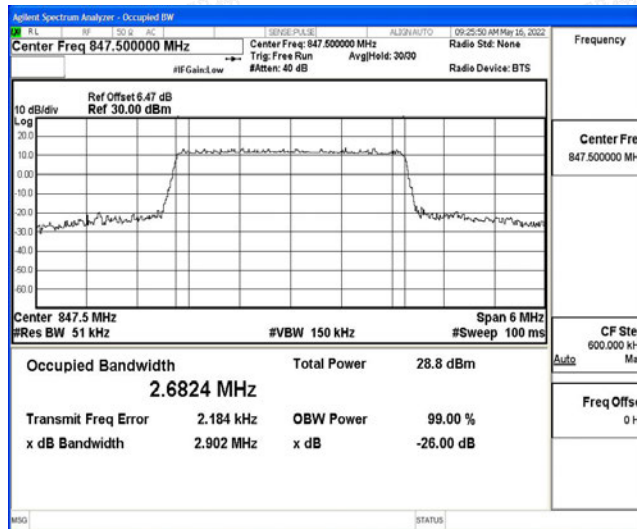


Band5-3MHz-16QAM-20525-15RB#0

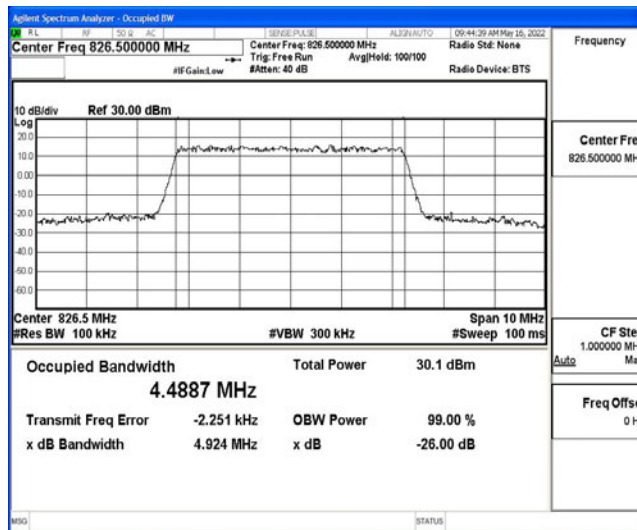


Band5-3MHz-16QAM-20635-15RB#0

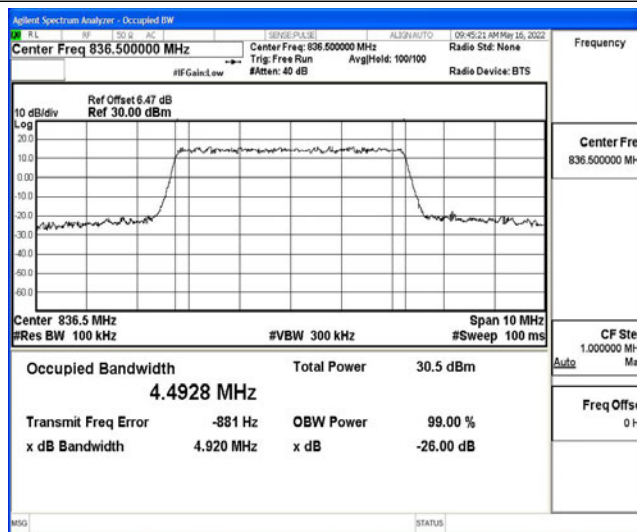




Band5-5MHz-QPSK-20425-25RB#0

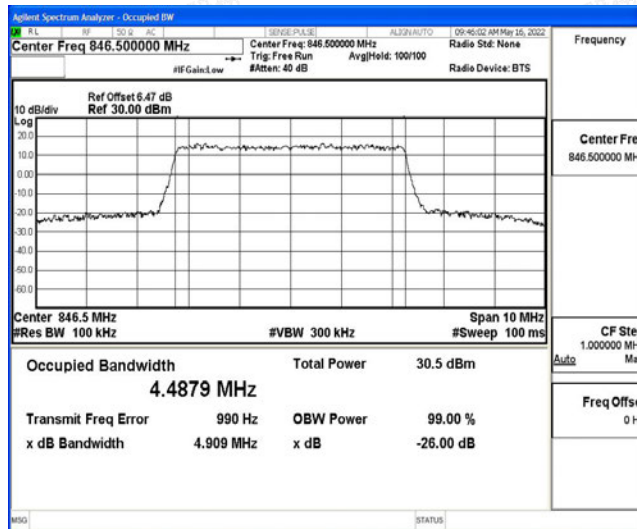


Band5-5MHz-QPSK-20525-25RB#0

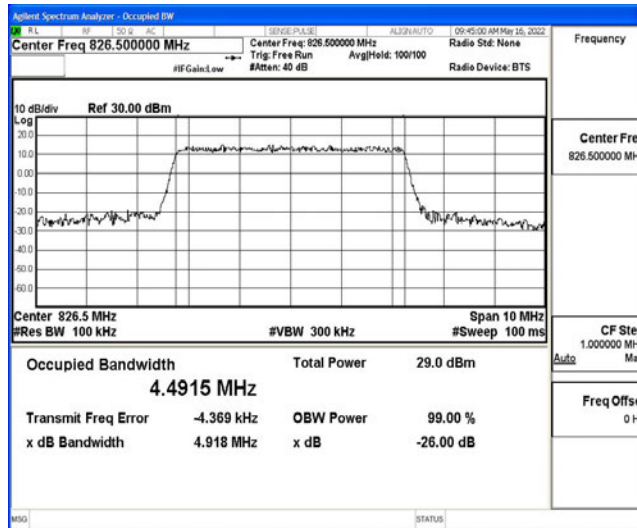


Band5-5MHz-QPSK-20625-25RB#0

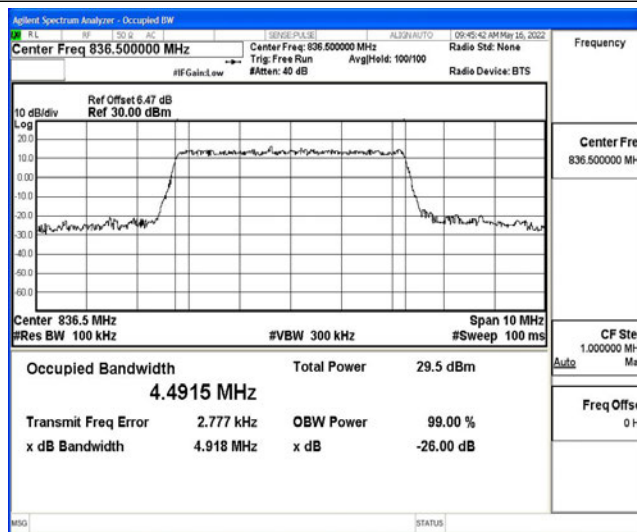




Band5-5MHz-16QAM-20425-25RB#0

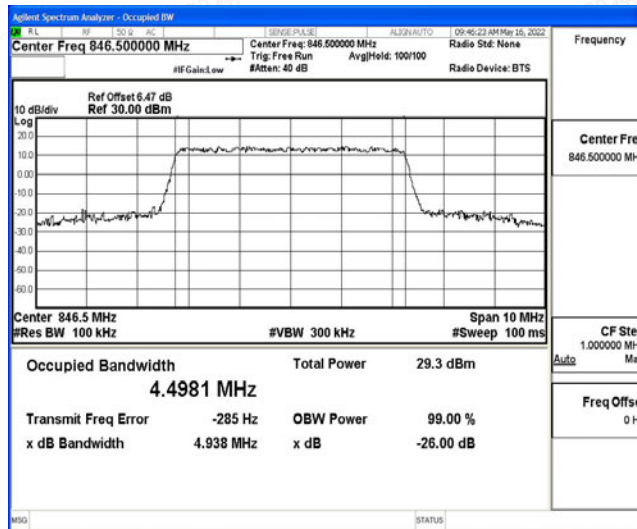


Band5-5MHz-16QAM-20525-25RB#0

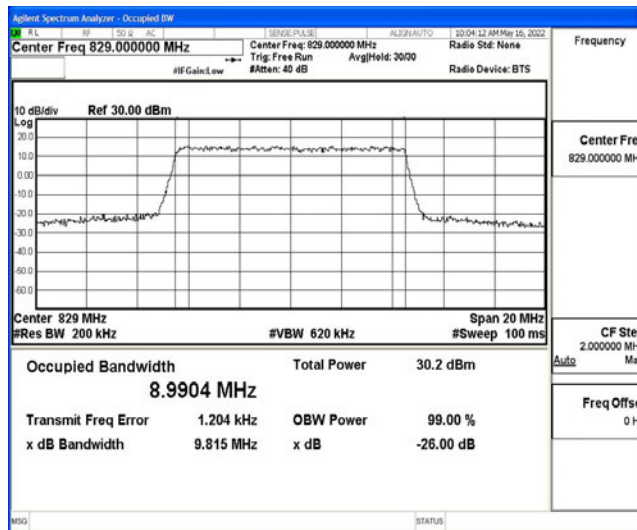


Band5-5MHz-16QAM-20625-25RB#0

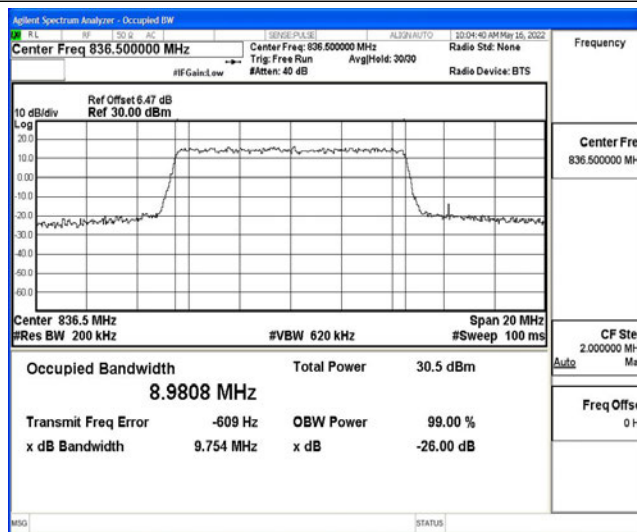




Band5-10MHz-QPSK-20450-50RB#0

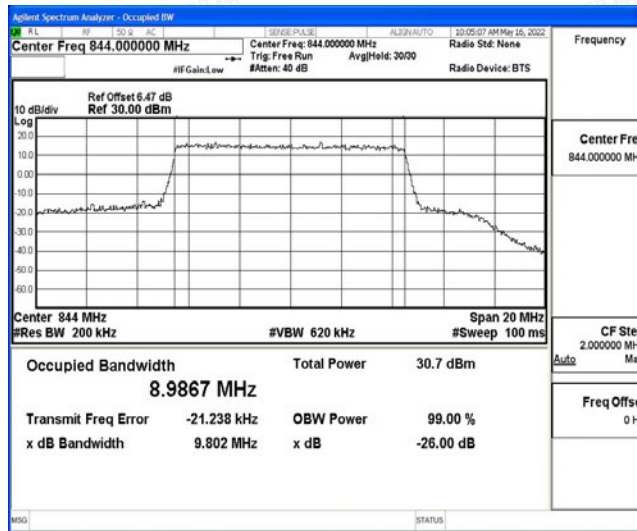


Band5-10MHz-QPSK-20525-50RB#0

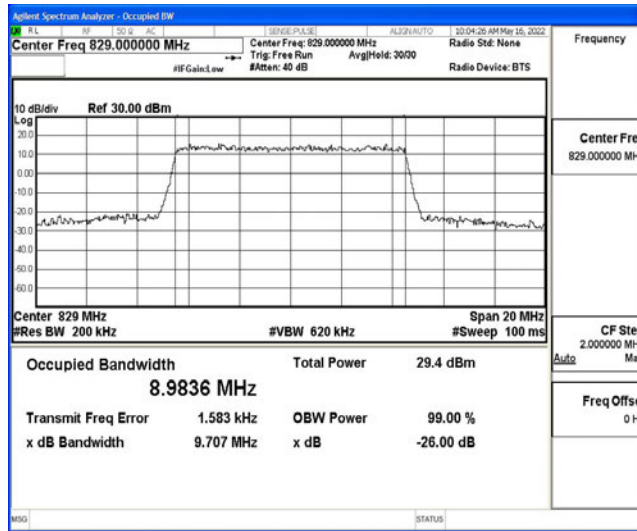


Band5-10MHz-QPSK-20600-50RB#0

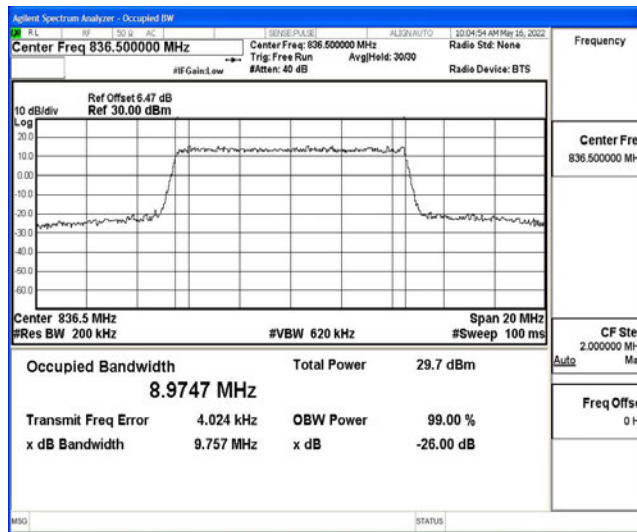




Band5-10MHz-16QAM-20450-50RB#0

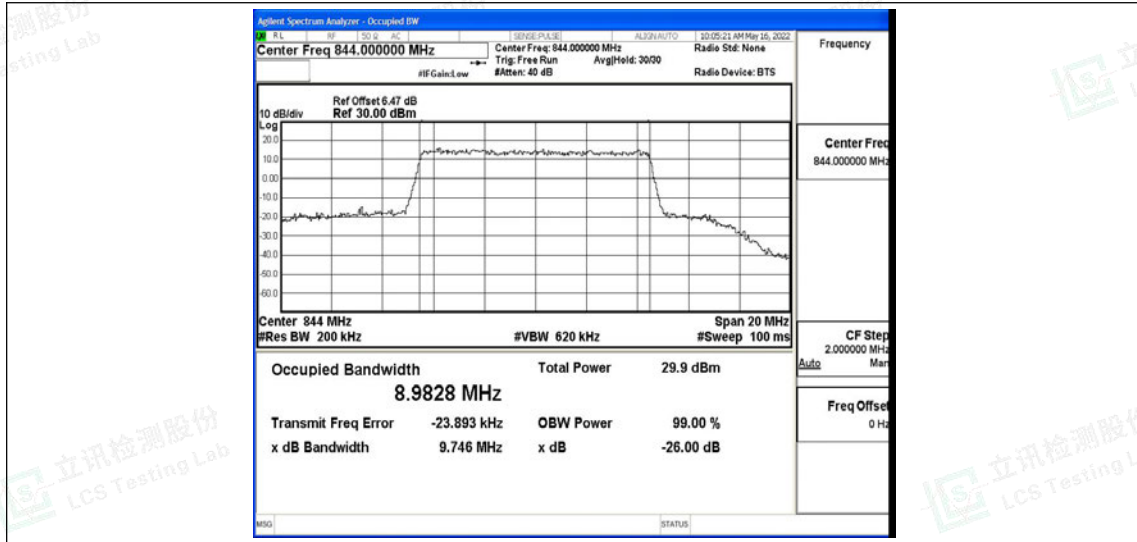


Band5-10MHz-16QAM-20525-50RB#0



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





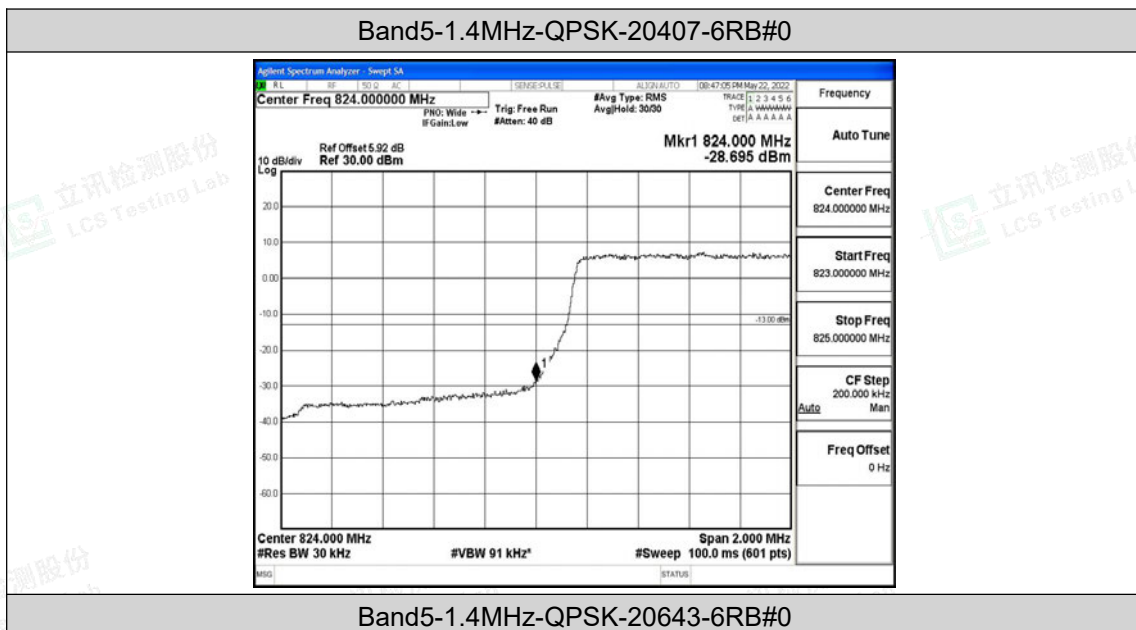


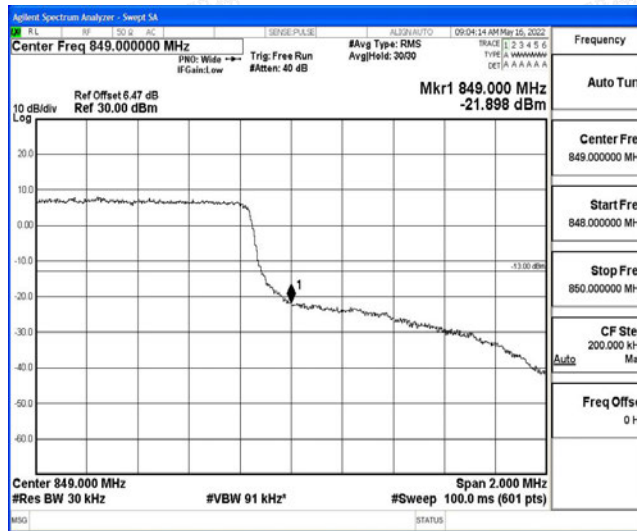
J.4 Band Edge

Test Result

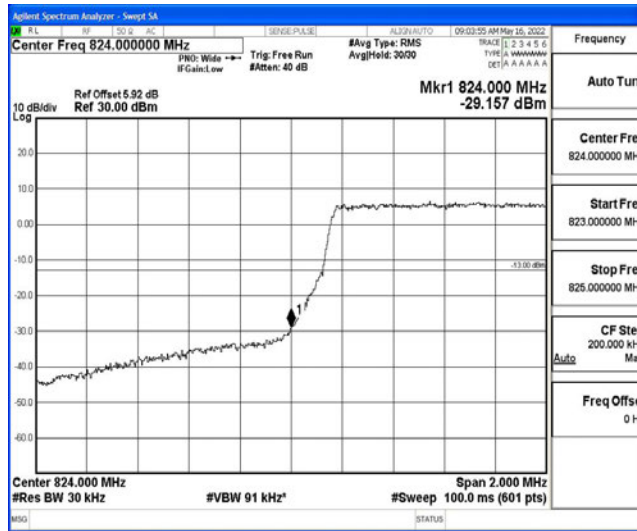
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-28.69	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-21.90	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-29.16	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-25.12	PASS
Band5	3MHz	QPSK	20415	15RB#0	-29.68	PASS
Band5	3MHz	QPSK	20635	15RB#0	-27.03	PASS
Band5	3MHz	16QAM	20415	15RB#0	-30.90	PASS
Band5	3MHz	16QAM	20635	15RB#0	-29.76	PASS
Band5	5MHz	QPSK	20425	25RB#0	-28.22	PASS
Band5	5MHz	QPSK	20625	25RB#0	-26.76	PASS
Band5	5MHz	16QAM	20425	25RB#0	-29.43	PASS
Band5	5MHz	16QAM	20625	25RB#0	-28.21	PASS
Band5	10MHz	QPSK	20450	50RB#0	-30.70	PASS
Band5	10MHz	QPSK	20600	50RB#0	-27.26	PASS
Band5	10MHz	16QAM	20450	50RB#0	-32.42	PASS
Band5	10MHz	16QAM	20600	50RB#0	-30.25	PASS

Test Graphs

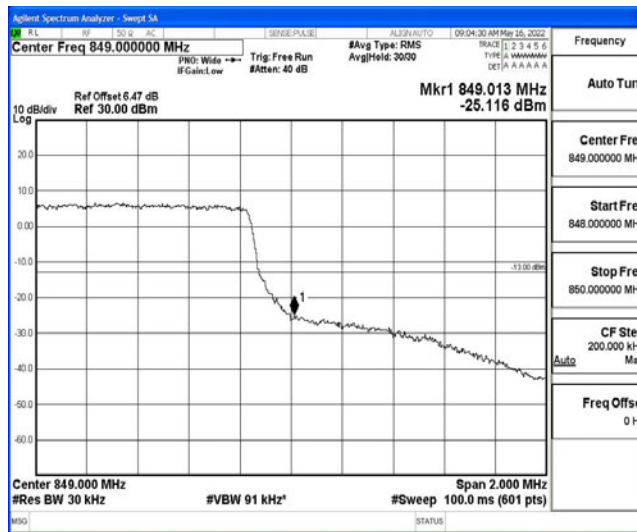




Band5-1.4MHz-16QAM-20407-6RB#0

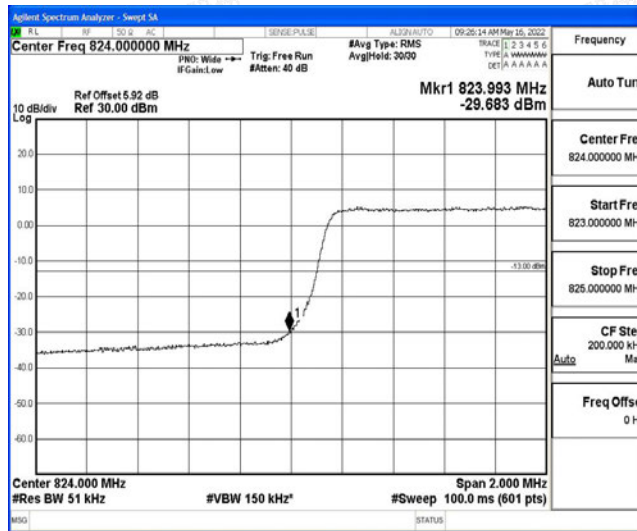


Band5-1.4MHz-16QAM-20643-6RB#0

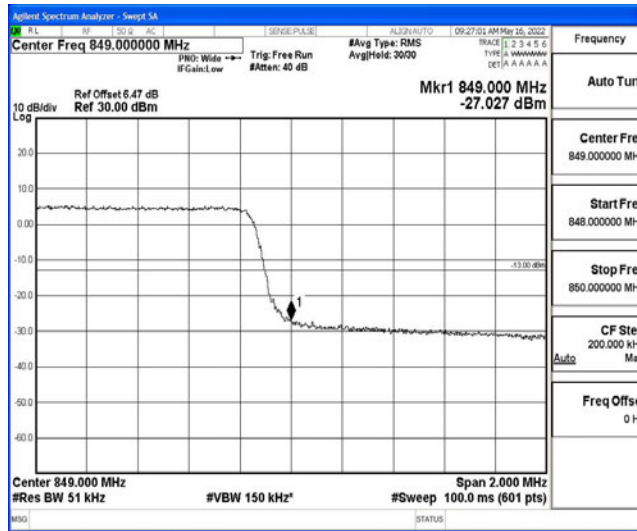


Band5-3MHz-QPSK-20415-15RB#0

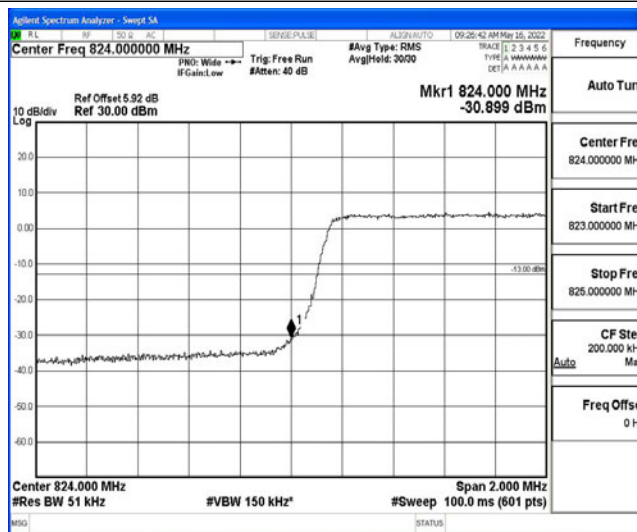




Band5-3MHz-QPSK-20635-15RB#0

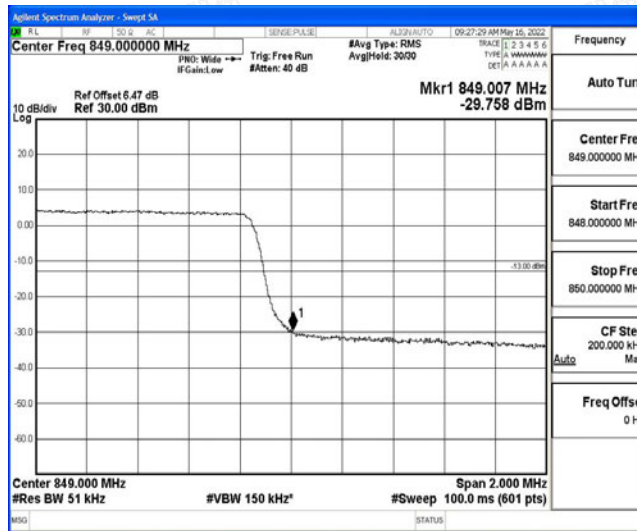


Band5-3MHz-16QAM-20415-15RB#0

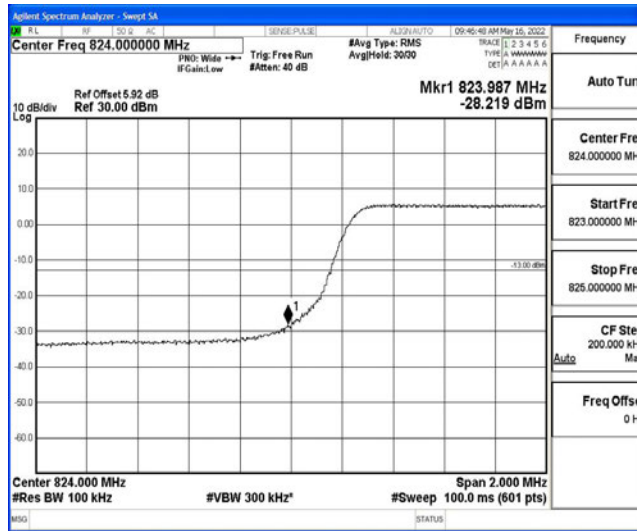


Band5-3MHz-16QAM-20635-15RB#0

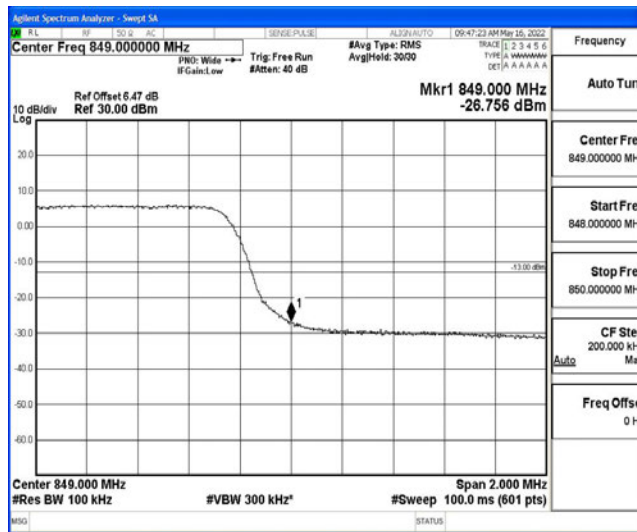




Band5-5MHz-QPSK-20425-25RB#0

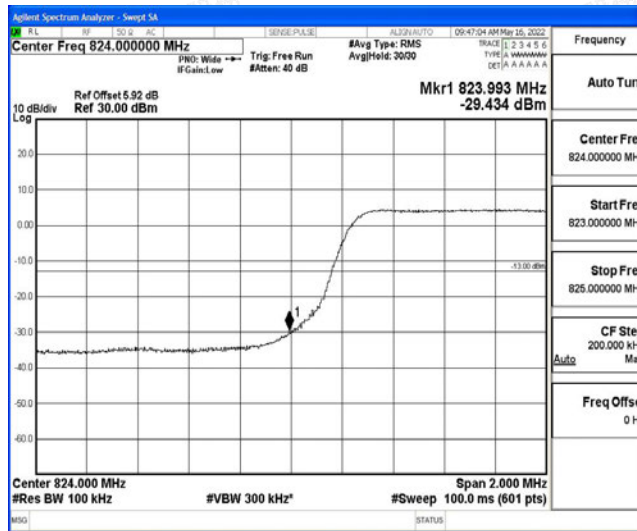


Band5-5MHz-QPSK-20625-25RB#0

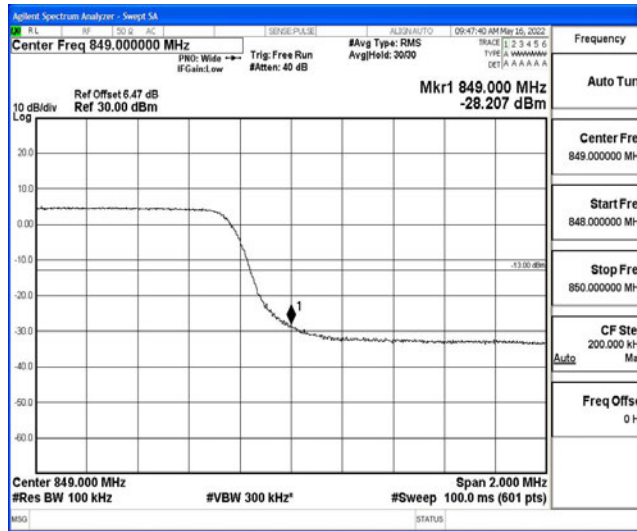


Band5-5MHz-16QAM-20425-25RB#0

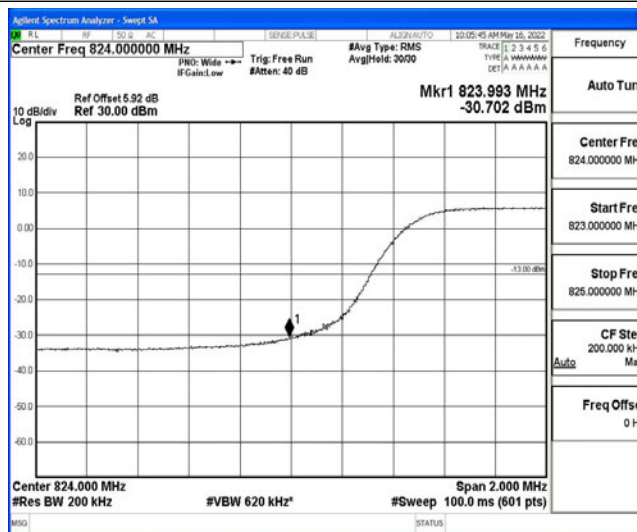




Band5-5MHz-16QAM-20625-25RB#0

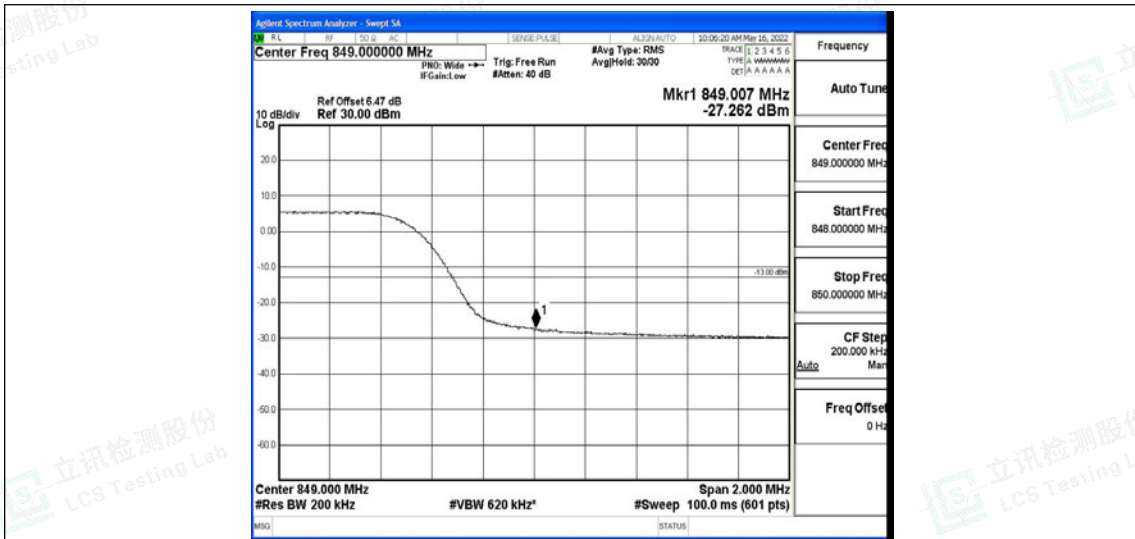


Band5-10MHz-QPSK-20450-50RB#0

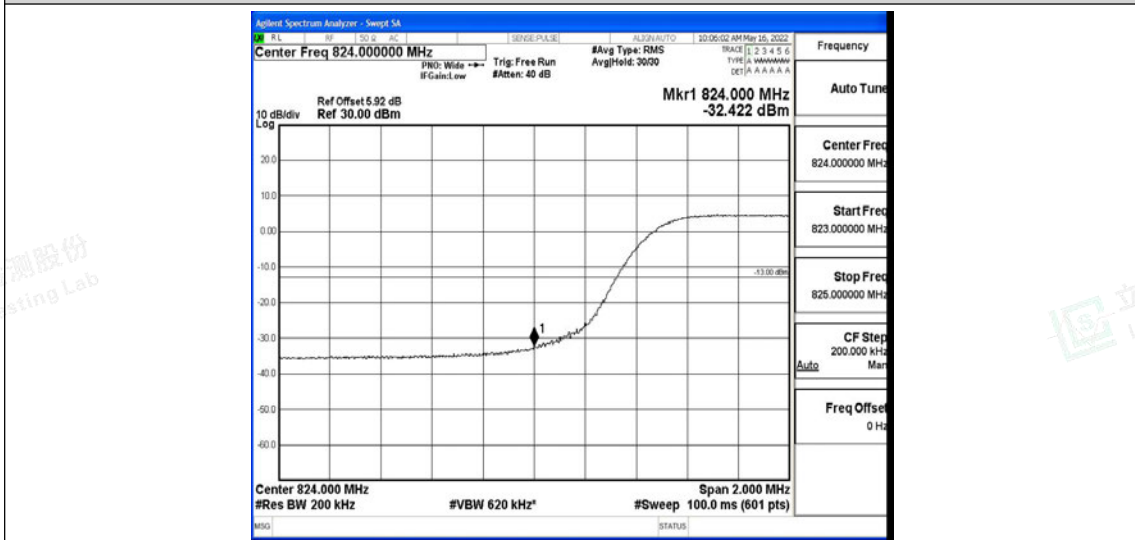


Band5-10MHz-QPSK-20600-50RB#0

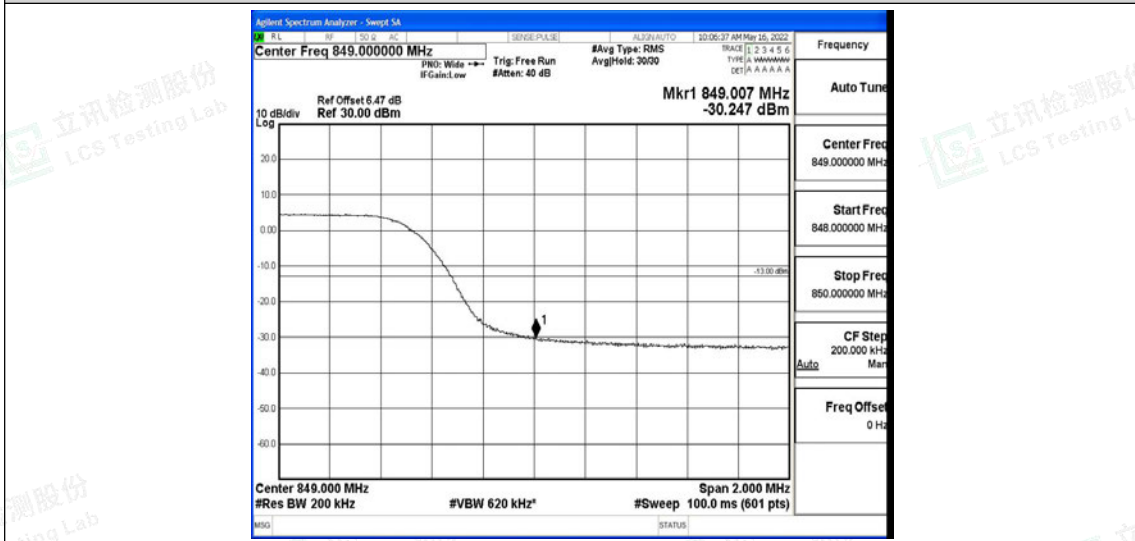




Band5-10MHz-16QAM-20450-50RB#0



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





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Scan code to check authenticity



J.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	-54.94	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:0.15~30MHz	-50.43	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range3:30~1000MHz	-39.94	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range4:1000~10000MHz	-44.77	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-56.33	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-49.44	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.32	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:0.009~0.15MHz	-55.95	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:0.15~30MHz	-51.35	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range3:30~1000MHz	-40.31	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range4:1000~10000MHz	-44.79	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:0.009~0.15MHz	-56.19	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:0.15~30MHz	-52	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range3:30~1000MHz	-41.43	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-57.09	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-50.86	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.65	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:0.009~0.15MHz	-55.89	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:0.15~30MHz	-52.16	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range3:30~1000MHz	-40.52	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:0.009~0.15MHz	-55.13	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:0.15~30MHz	-51.3	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range3:30~1000MHz	-41.15	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range4:1000~10000MHz	-44.81	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-54.5	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.7	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.7	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:0.009~0.15MHz	-55.58	PASS





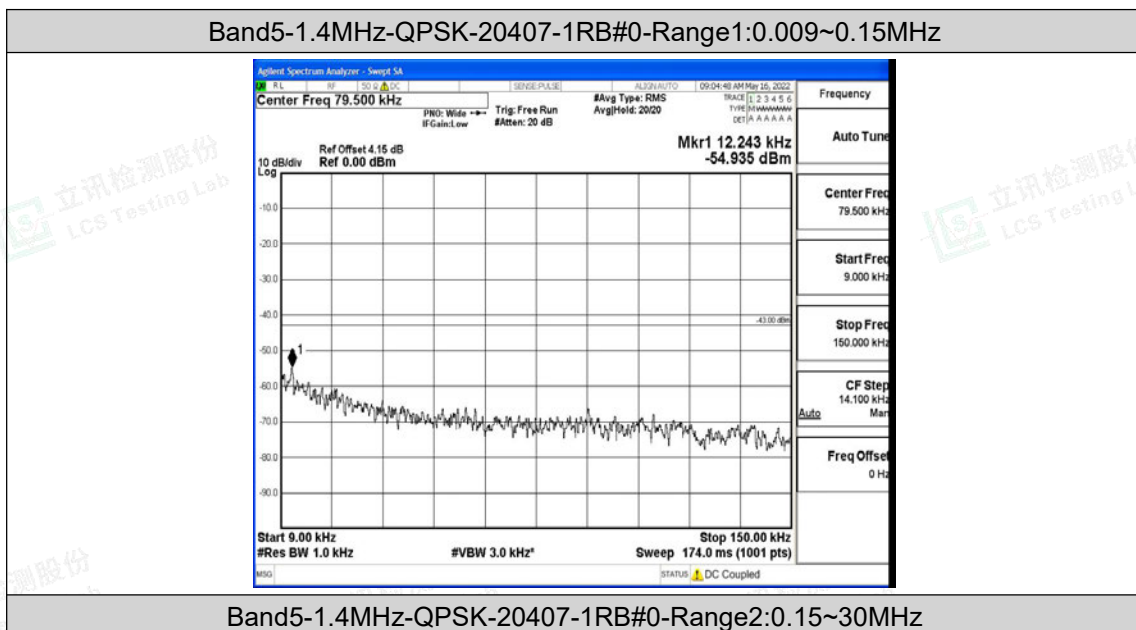
Band5	3MHz	QPSK	20635	1RB#0	Range2:0.15~30MHz	-52.46	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range3:30~1000MHz	-40.63	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:0.009~0.15MHz	-54.9	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:0.15~30MHz	-52.48	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range3:30~1000MHz	-40.42	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range4:1000~10000MHz	-44.8	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-56.29	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-50.82	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.13	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:0.009~0.15MHz	-55.34	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:0.15~30MHz	-51.02	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range3:30~1000MHz	-40.79	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:0.009~0.15MHz	-56.26	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:0.15~30MHz	-51.06	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range3:30~1000MHz	-40.36	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.83	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.83	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-39.3	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.81	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:0.009~0.15MHz	-55.23	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:0.15~30MHz	-51.68	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range3:30~1000MHz	-40.42	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:0.009~0.15MHz	-56.22	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:0.15~30MHz	-50.3	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range3:30~1000MHz	-40.76	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range4:1000~10000MHz	-44.92	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-54.57	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-49.86	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.96	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:0.009~0.15MHz	-56.59	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:0.15~30MHz	-50.56	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range3:30~1000MHz	-40.96	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range4:1000~10000MHz	-44.83	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:0.009~0.15MHz	-54.88	PASS

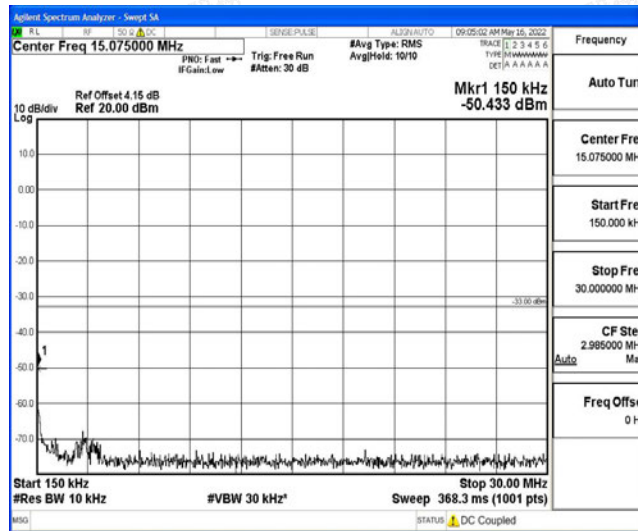




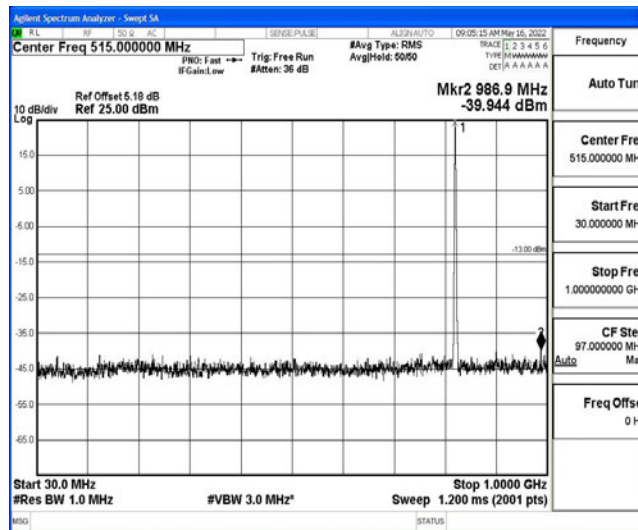
Band5	10MHz	QPSK	20450	1RB#0	Range2:0.15~30MHz	-50.75	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range3:30~1000MHz	-40.27	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.39	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-48.01	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.06	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:0.009~0.15MHz	-56.52	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:0.15~30MHz	-50.9	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range3:30~1000MHz	-41.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range4:1000~10000MHz	-44.75	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:0.009~0.15MHz	-55.8	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:0.15~30MHz	-51.84	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range3:30~1000MHz	-41.11	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range4:1000~10000MHz	-44.78	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.79	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-50.81	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.74	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:0.009~0.15MHz	-52.4	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:0.15~30MHz	-52	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range3:30~1000MHz	-40.04	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range4:1000~10000MHz	-44.86	PASS

Test Graphs

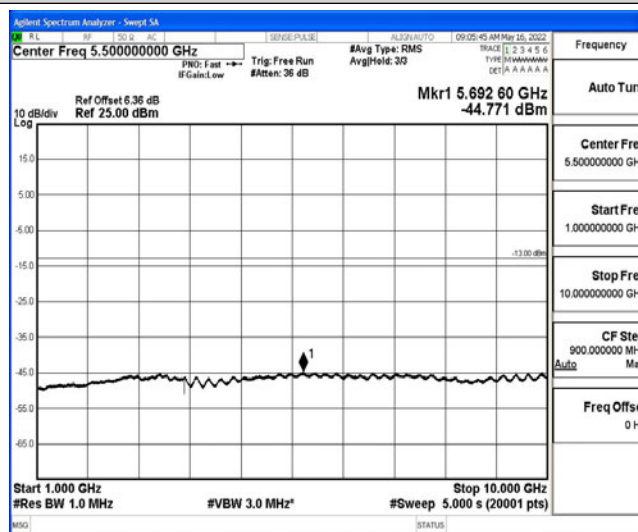




Band5-1.4MHz-QPSK-20407-1RB#0-Range3:30~1000MHz

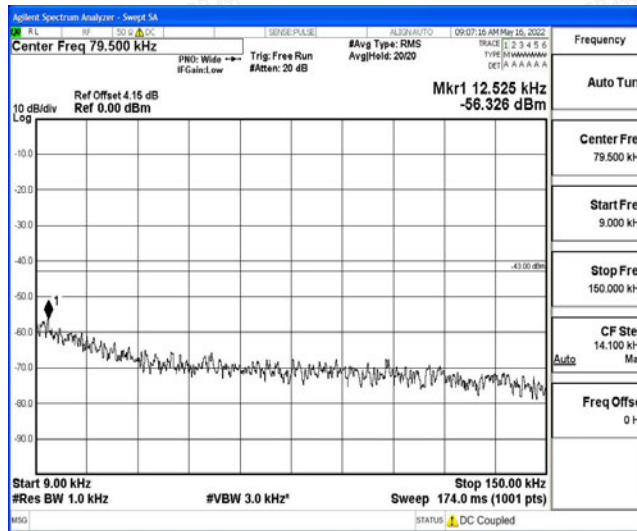


Band5-1.4MHz-QPSK-20407-1RB#0-Range4:1000~10000MHz

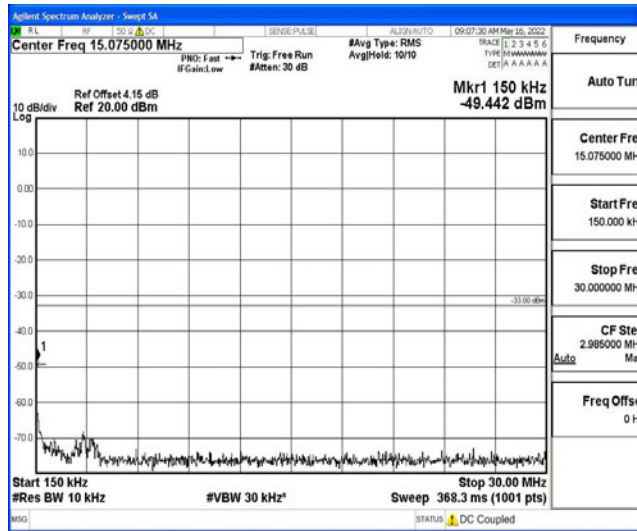


Band5-1.4MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz

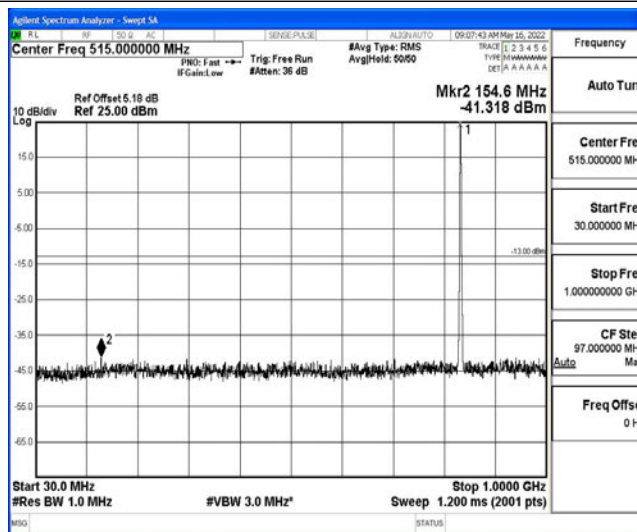




Band5-1.4MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz

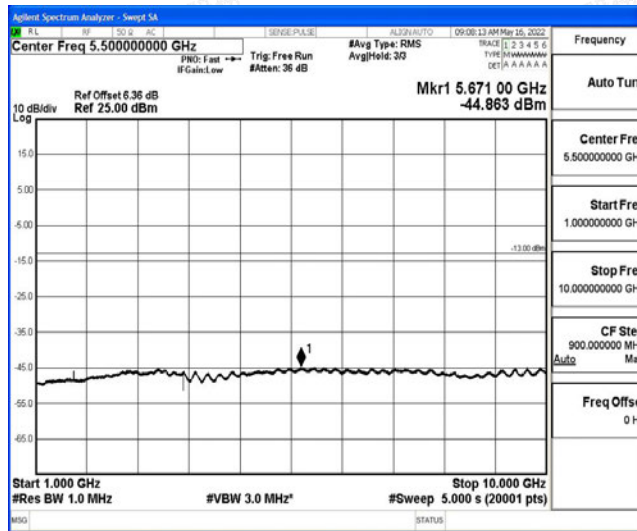


Band5-1.4MHz-QPSK-20525-1RB#0-Range3:30~1000MHz

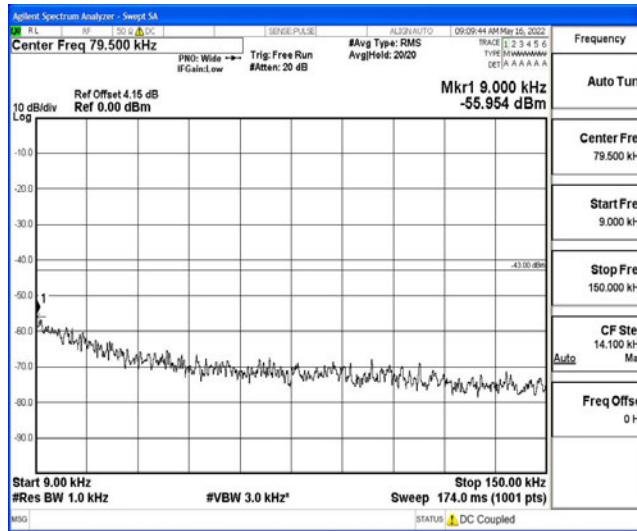


Band5-1.4MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz

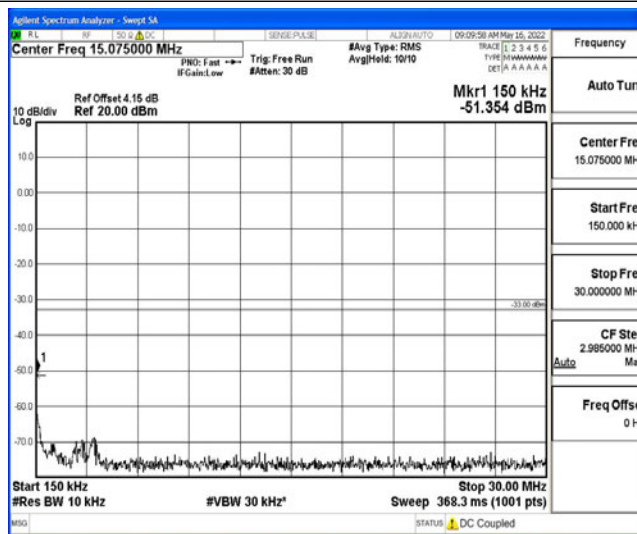




Band5-1.4MHz-QPSK-20643-1RB#0-Range1:0.009~0.15MHz

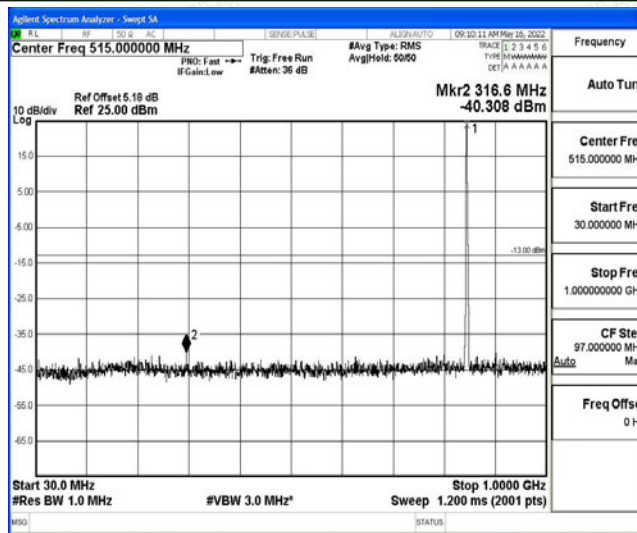


Band5-1.4MHz-QPSK-20643-1RB#0-Range2:0.15~30MHz

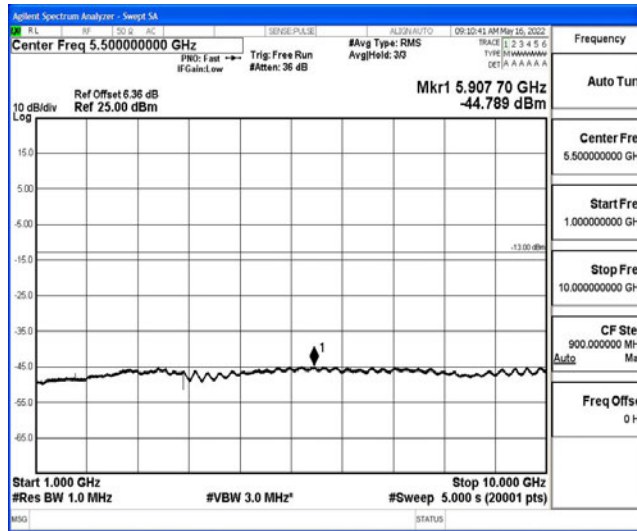


Band5-1.4MHz-QPSK-20643-1RB#0-Range3:30~1000MHz

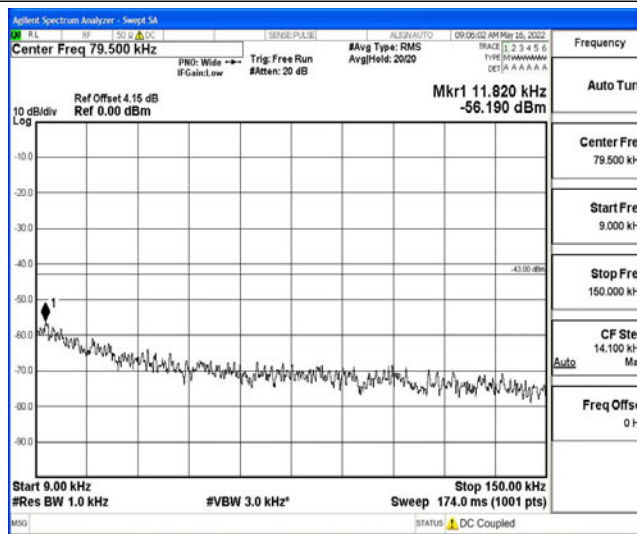




Band5-1.4MHz-QPSK-20643-1RB#0-Range4:1000~10000MHz

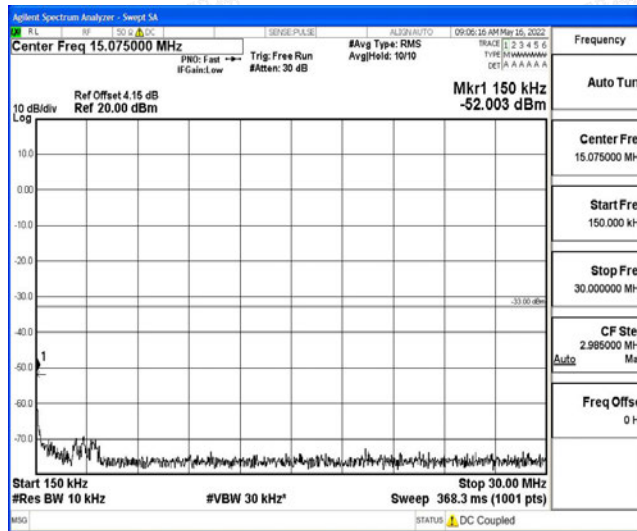


Band5-1.4MHz-16QAM-20407-1RB#0-Range1:0.009~0.15MHz

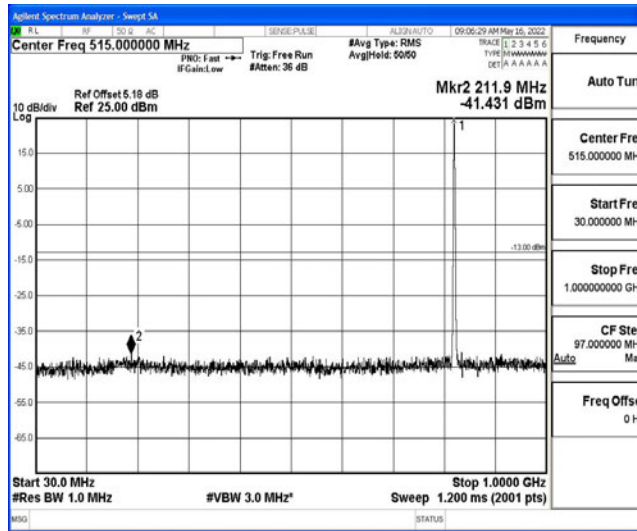


Band5-1.4MHz-16QAM-20407-1RB#0-Range2:0.15~30MHz

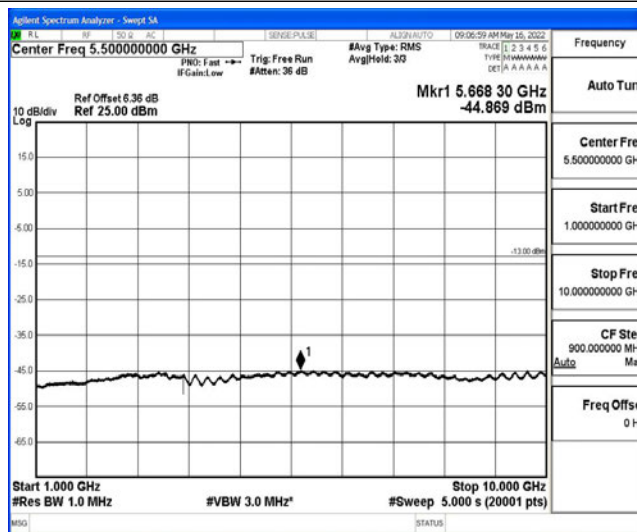




Band5-1.4MHz-16QAM-20407-1RB#0-Range3:30~1000MHz

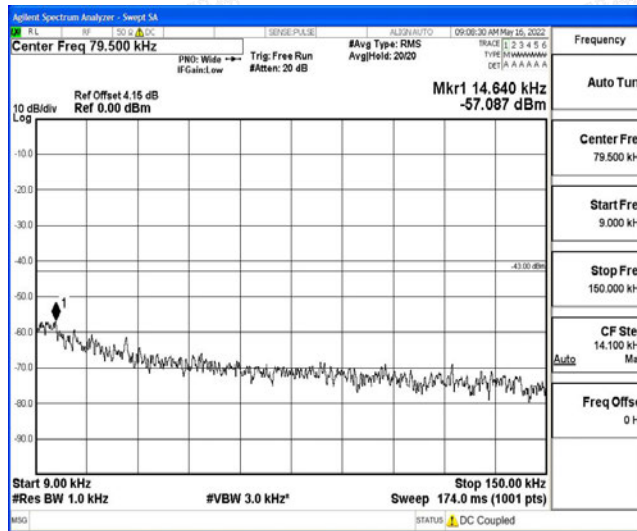


Band5-1.4MHz-16QAM-20407-1RB#0-Range4:1000~10000MHz

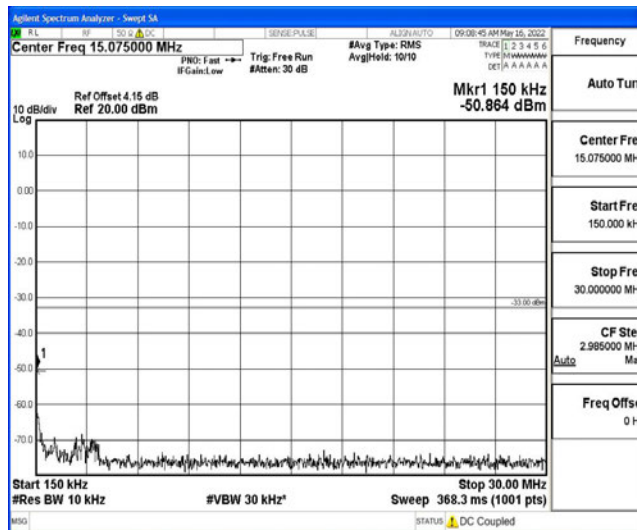


Band5-1.4MHz-16QAM-20525-1RB#0-Range1:0.009~0.15MHz

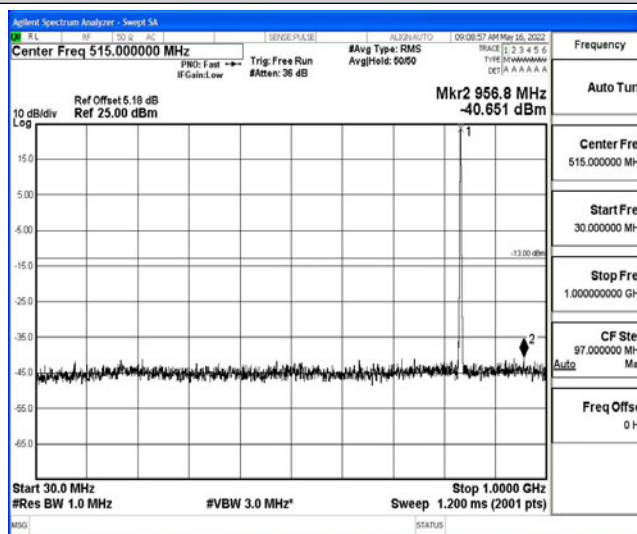




Band5-1.4MHz-16QAM-20525-1RB#0-Range2:0.15~30MHz

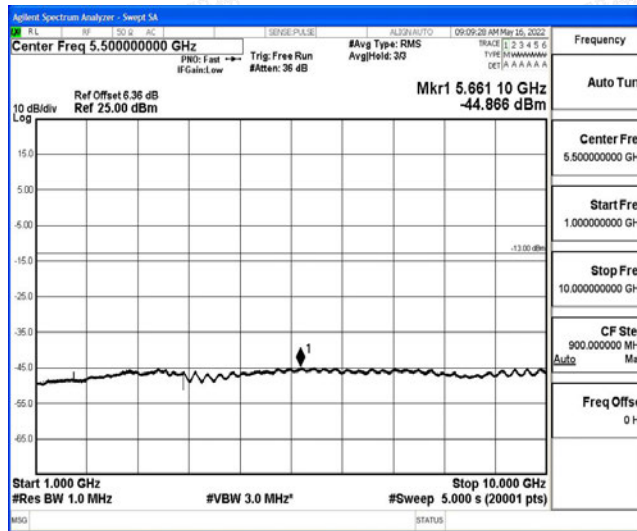


Band5-1.4MHz-16QAM-20525-1RB#0-Range3:30~1000MHz

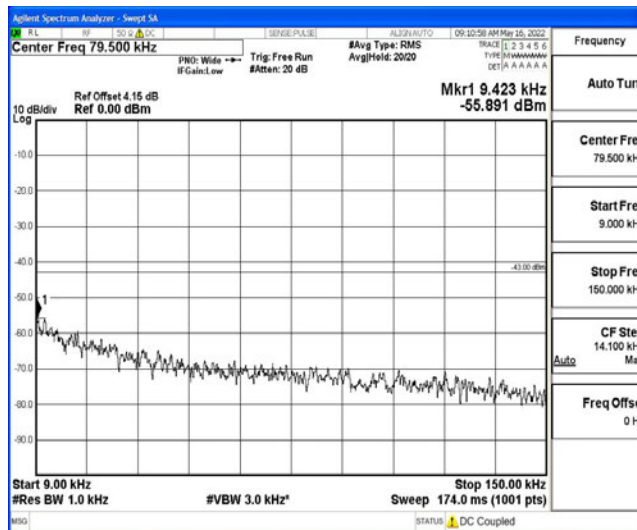


Band5-1.4MHz-16QAM-20525-1RB#0-Range4:1000~10000MHz

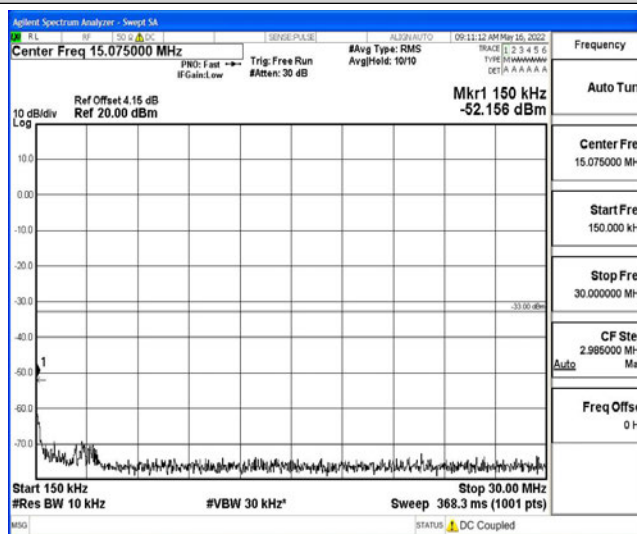




Band5-1.4MHz-16QAM-20643-1RB#0-Range1:0.009~0.15MHz

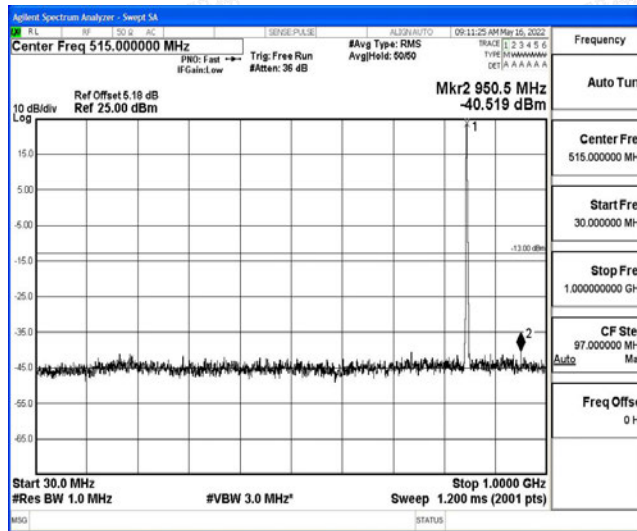


Band5-1.4MHz-16QAM-20643-1RB#0-Range2:0.15~30MHz

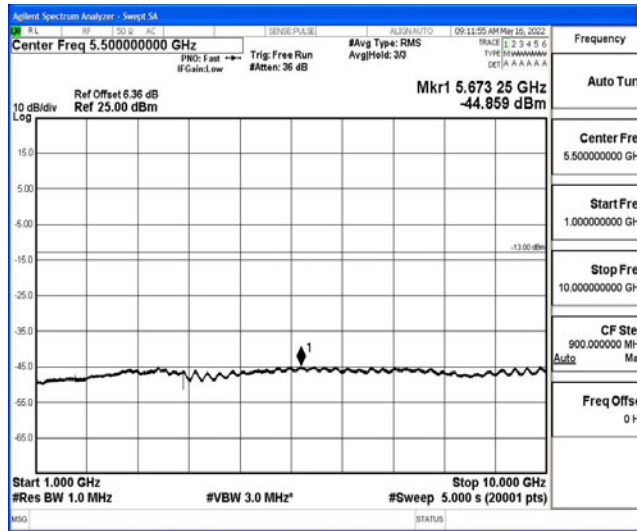


Band5-1.4MHz-16QAM-20643-1RB#0-Range3:30~1000MHz

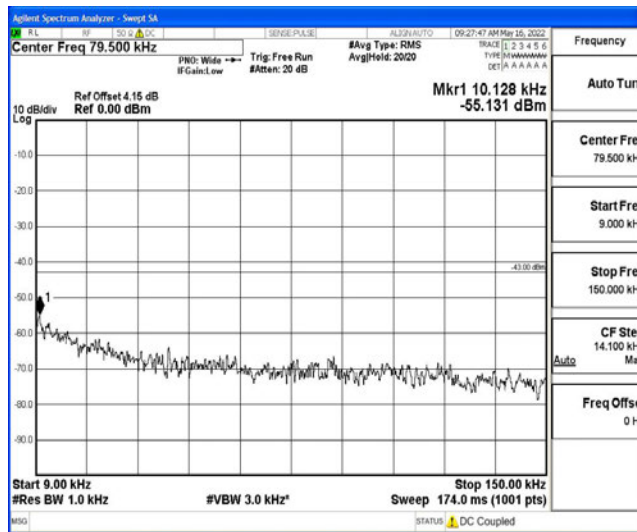




Band5-1.4MHz-16QAM-20643-1RB#0-Range4:1000~10000MHz

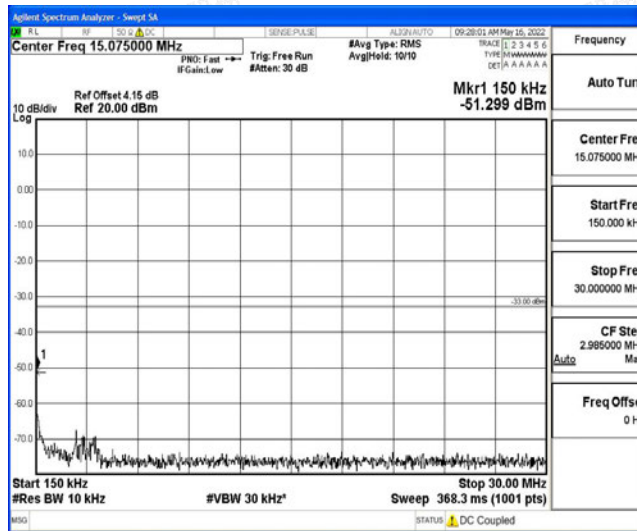


Band5-3MHz-QPSK-20415-1RB#0-Range1:0.009~0.15MHz

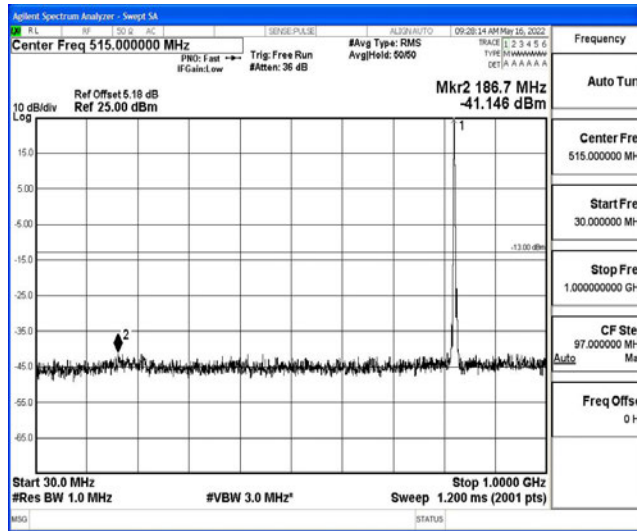


Band5-3MHz-QPSK-20415-1RB#0-Range2:0.15~30MHz

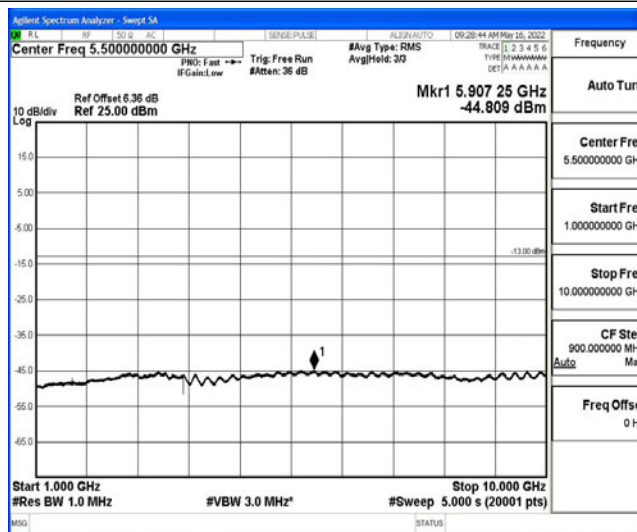




Band5-3MHz-QPSK-20415-1RB#0-Range3:30~1000MHz

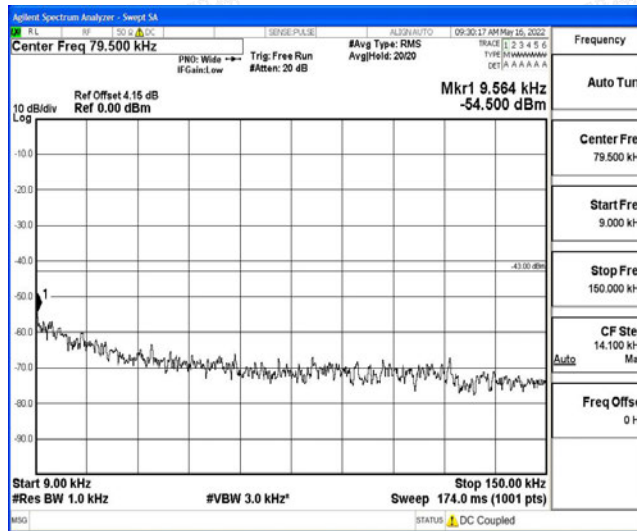


Band5-3MHz-QPSK-20415-1RB#0-Range4:1000~10000MHz

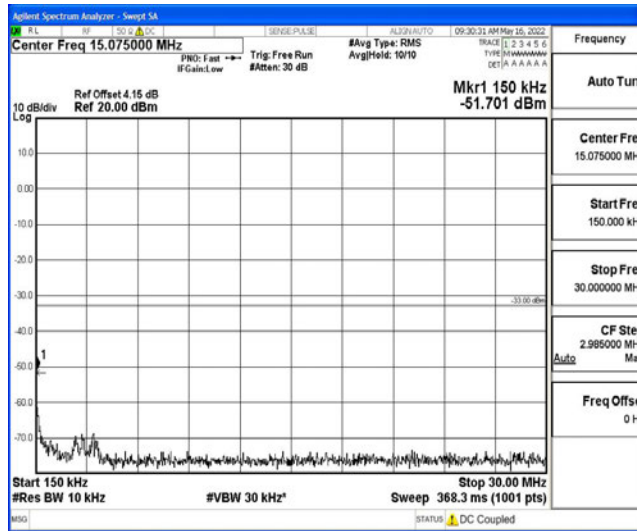


Band5-3MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz

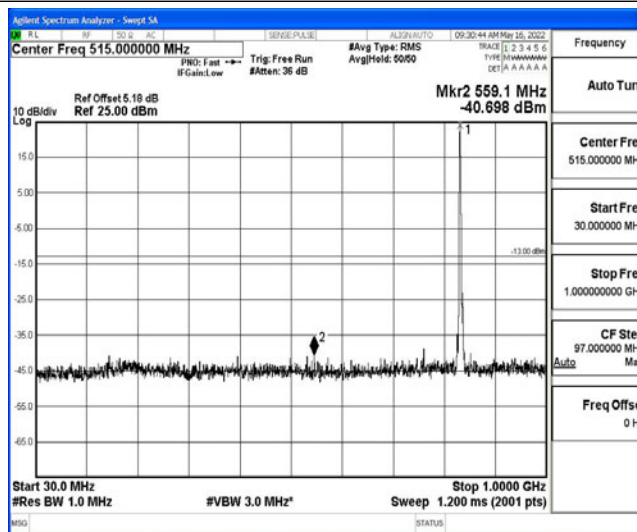




Band5-3MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz

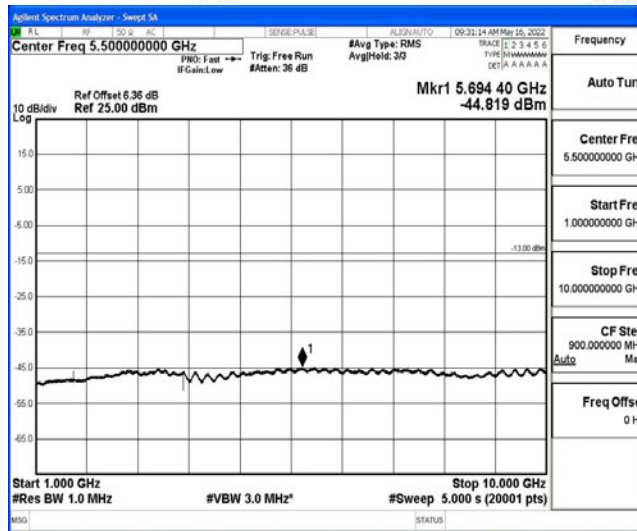


Band5-3MHz-QPSK-20525-1RB#0-Range3:30~1000MHz

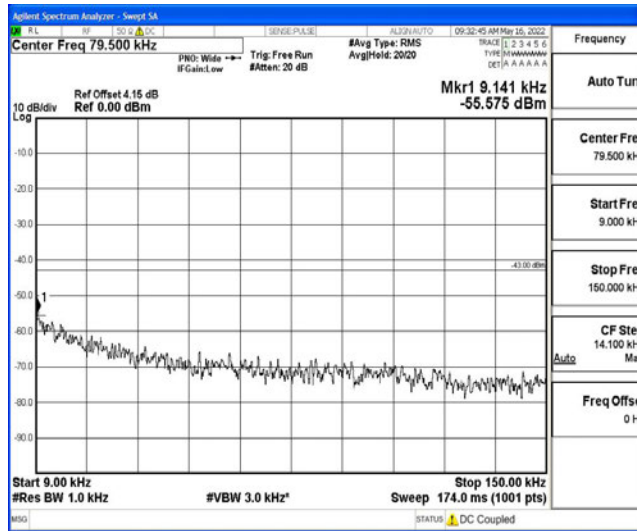


Band5-3MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz

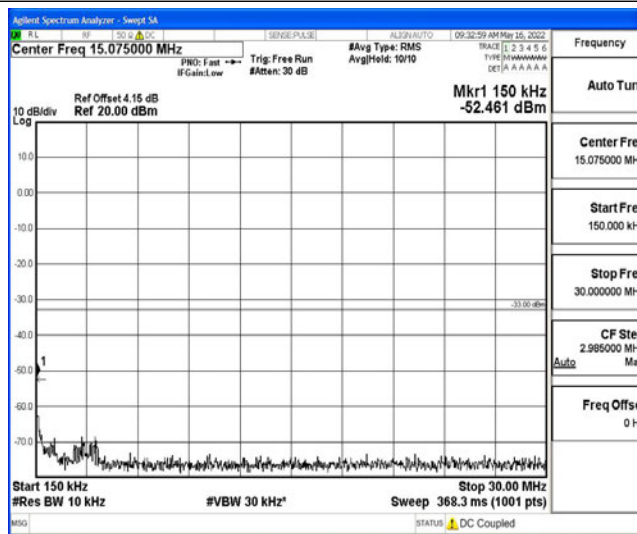




Band5-3MHz-QPSK-20635-1RB#0-Range1:0.009~0.15MHz



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



Band5-3MHz-QPSK-20635-1RB#0-Range3:30~1000MHz

