



Appendix H: Test Data for E-UTRA Band 5

Product Name: Smartphone

Test Model: Vision Plus

Environmental Conditions

Temperature:	23.4° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan





H.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.19	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.19	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.17	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.29	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.30	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.32	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.53	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.96	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.06	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.04	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.12	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.10	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.14	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.97	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.14	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.27	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.24	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.21	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.22	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.20	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.16	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.12	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.79	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.77	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.12	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.13	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.29	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.77	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	21.75	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.71	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.71	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.71	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.93	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.63	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.63	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.59	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.76	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.76	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.85	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.06	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.08	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.03	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.15	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.61	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.61	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.15	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.60	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.96	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.93	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.91	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.93	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.95	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.04	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.00	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.25	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.28	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.30	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.13	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.15	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.06	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.11	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.43	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.43	PASS





Band5	3MHz	16QAM	20415	1RB#14	22.02	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.76	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.76	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.27	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.56	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.80	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.75	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.73	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.06	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.06	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.99	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.87	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.56	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.21	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.18	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.47	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.48	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.98	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.44	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.09	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.09	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.07	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.47	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.46	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.12	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.09	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.92	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.00	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.98	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.81	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.98	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.99	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.98	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.08	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.15	PASS





Band5	5MHz	QPSK	20625	1RB#24	23.26	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.48	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.13	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.08	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.78	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.44	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.32	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.48	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.46	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.05	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.20	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.80	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.73	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.83	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.98	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.81	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.87	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.85	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.40	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.09	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.97	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.37	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.41	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.36	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.07	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.95	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.95	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.01	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.14	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.89	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.91	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.99	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.02	PASS





Band5	10MHz	QPSK	20525	1RB#49	22.92	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.94	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.94	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.99	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.89	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.15	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.13	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.17	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.93	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.95	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.00	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.06	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.26	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.77	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.69	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.06	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.06	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.01	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.92	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.57	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.62	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.62	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.08	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.04	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.10	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.00	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.44	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.51	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.58	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.04	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.97	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.50	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.07	PASS





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

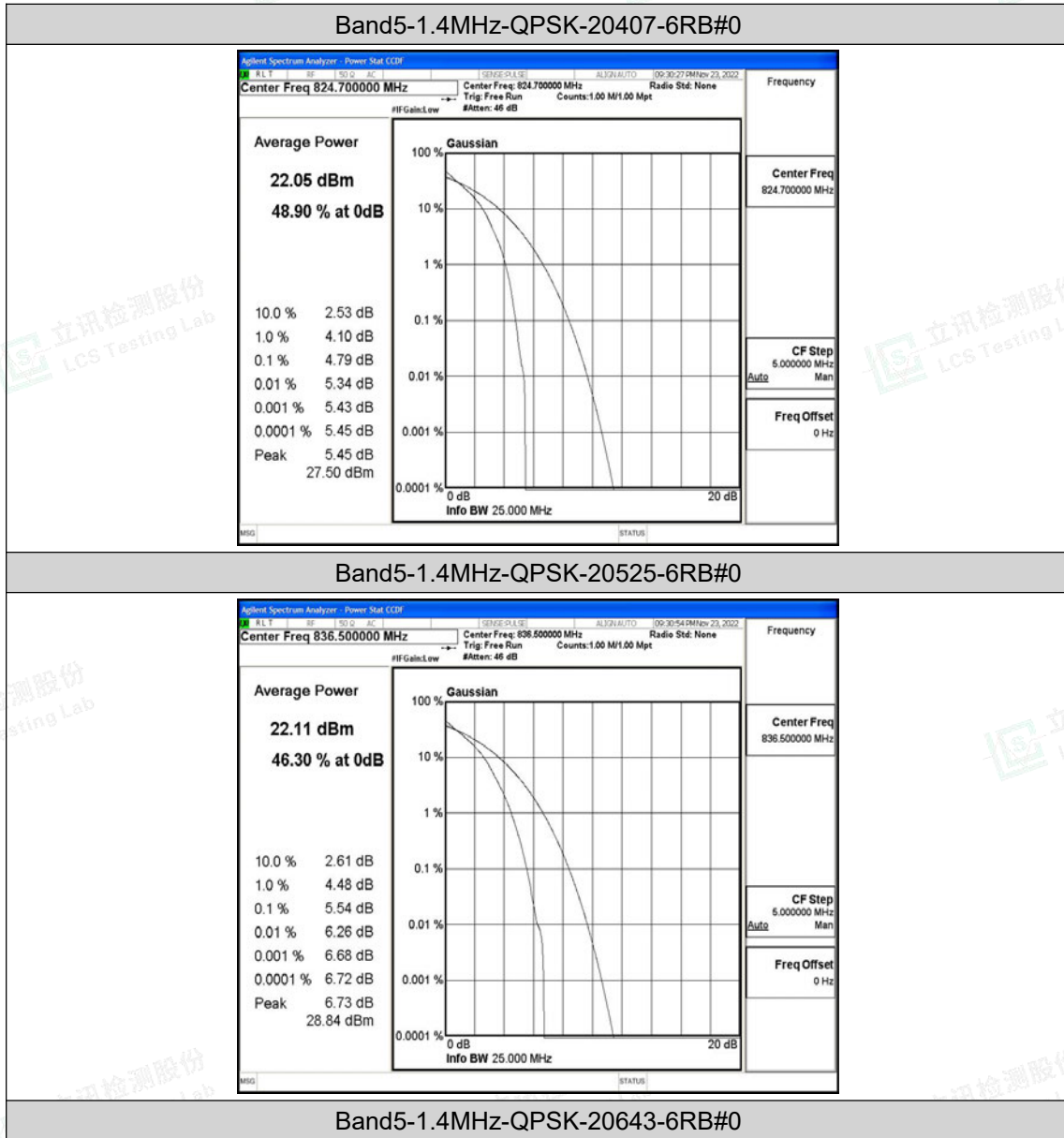
Test Result

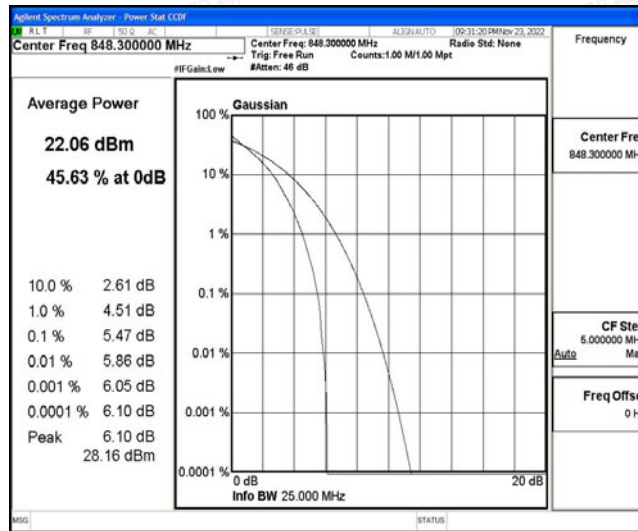
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	4.79	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.54	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.47	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.55	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.29	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.26	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.83	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.51	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.49	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.72	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.34	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.19	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.12	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.52	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.36	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.83	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.27	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.14	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.37	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.51	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.37	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.15	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.22	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.18	13	PASS



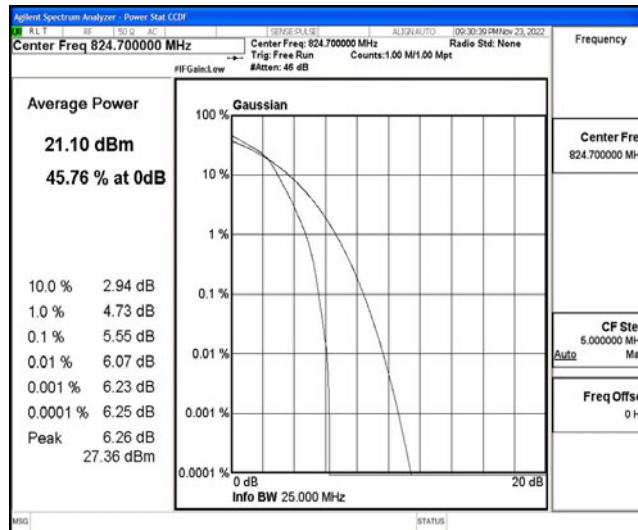


Test Graphs

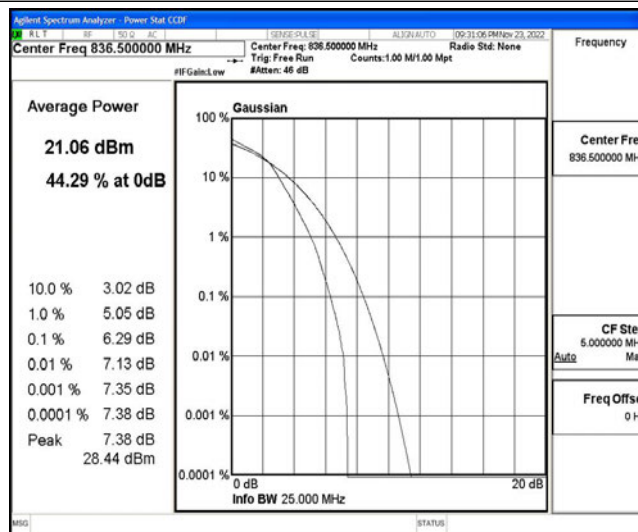




Band5-1.4MHz-16QAM-20407-6RB#0

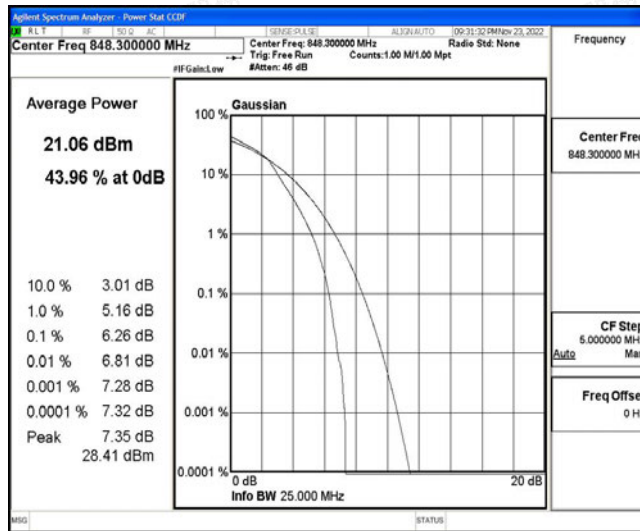


Band5-1.4MHz-16QAM-20525-6RB#0

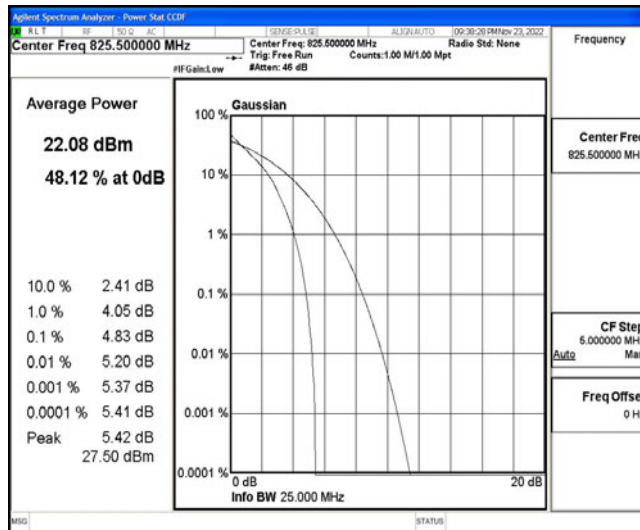


Band5-1.4MHz-16QAM-20643-6RB#0

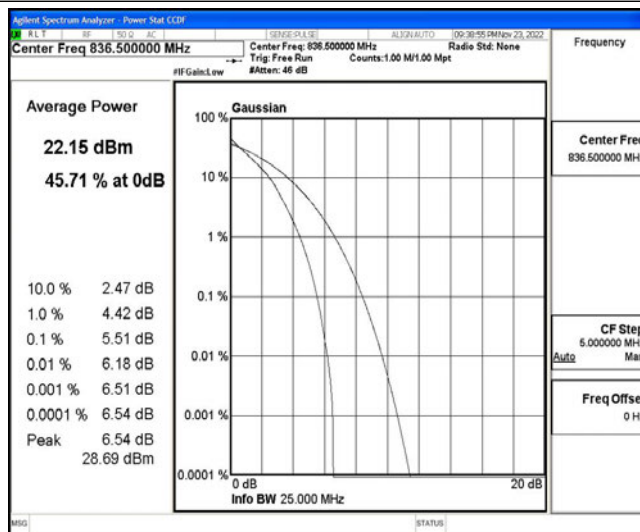




Band5-3MHz-QPSK-20415-15RB#0

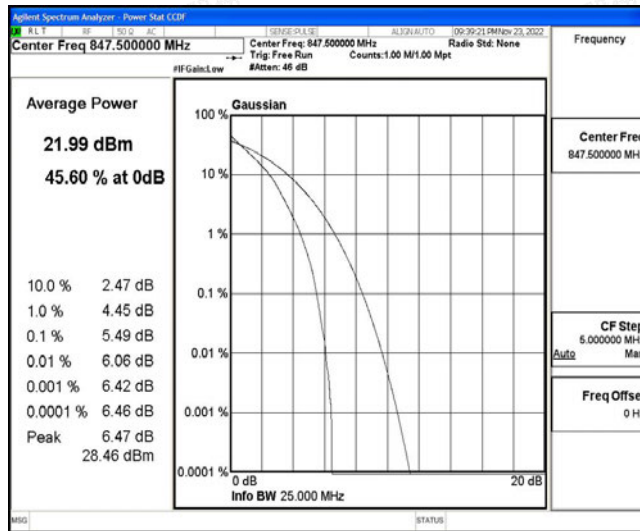


Band5-3MHz-QPSK-20525-15RB#0

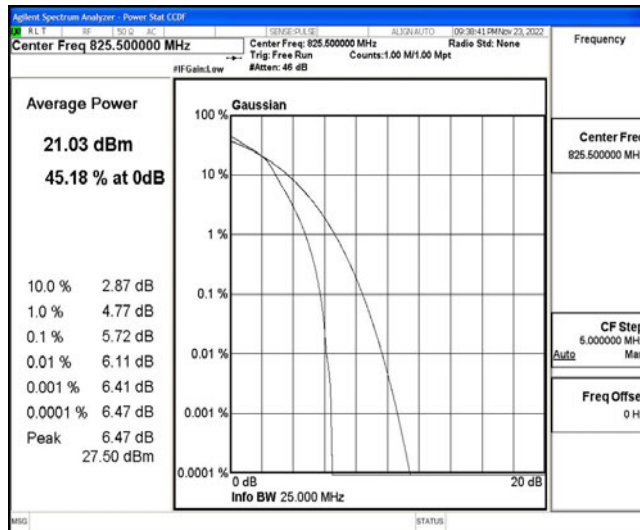


Band5-3MHz-QPSK-20635-15RB#0

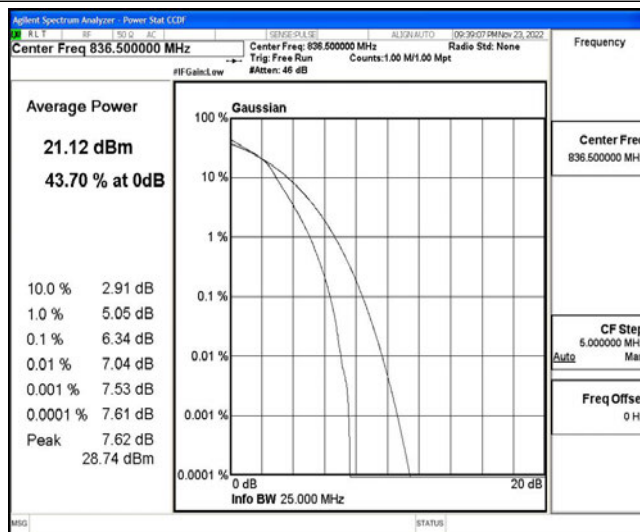




Band5-3MHz-16QAM-20415-15RB#0

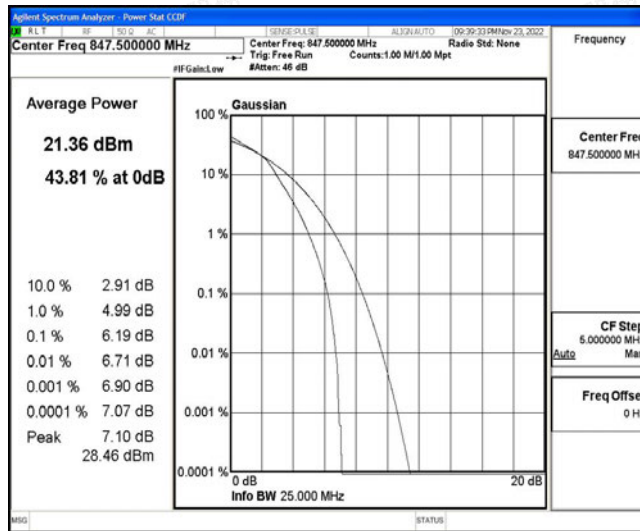


Band5-3MHz-16QAM-20525-15RB#0

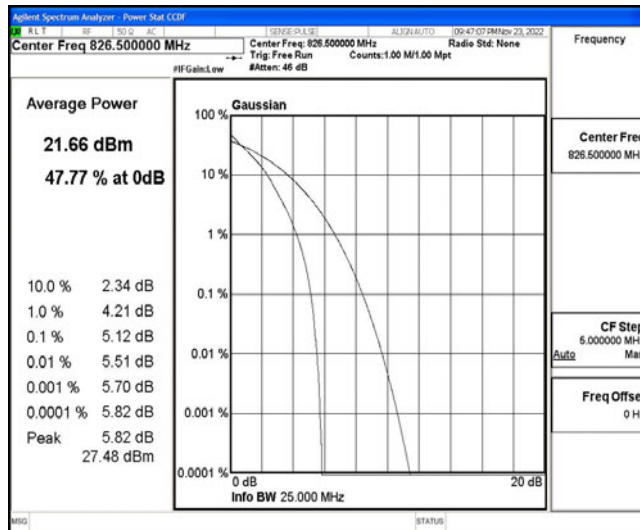


Band5-3MHz-16QAM-20635-15RB#0

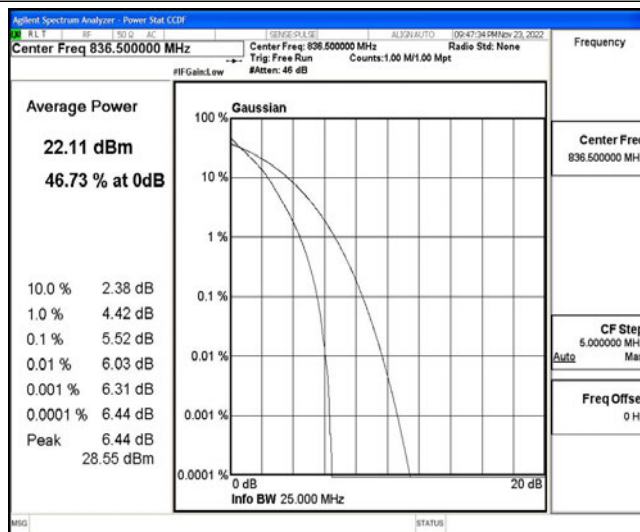




Band5-5MHz-QPSK-20425-25RB#0

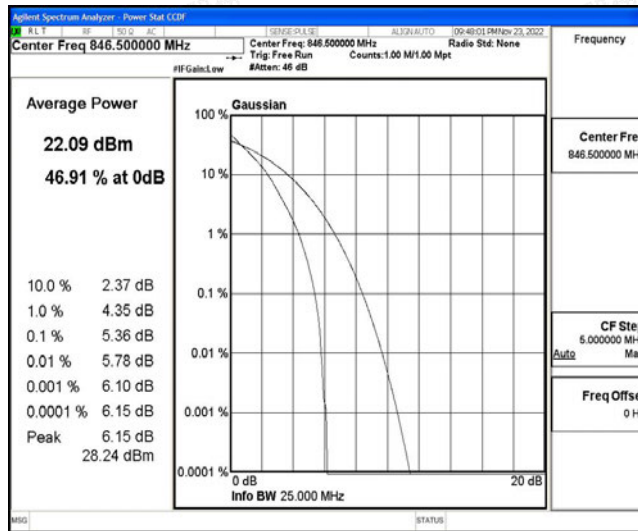


Band5-5MHz-QPSK-20525-25RB#0

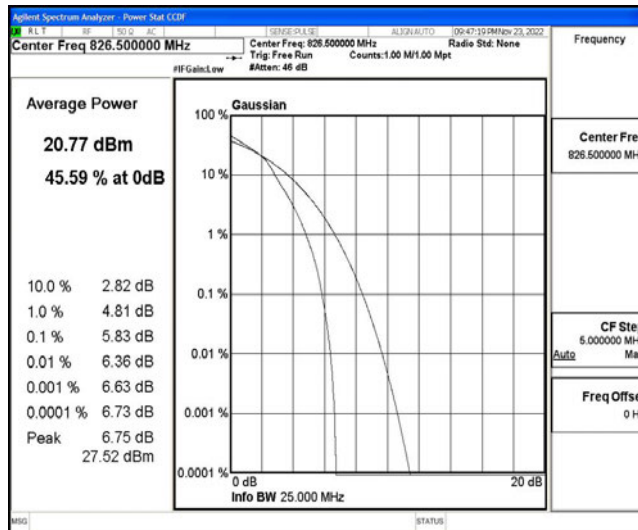


Band5-5MHz-QPSK-20625-25RB#0

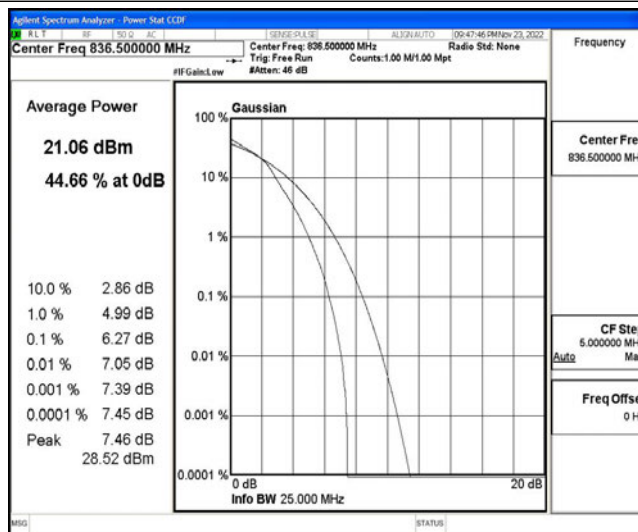




Band5-5MHz-16QAM-20425-25RB#0

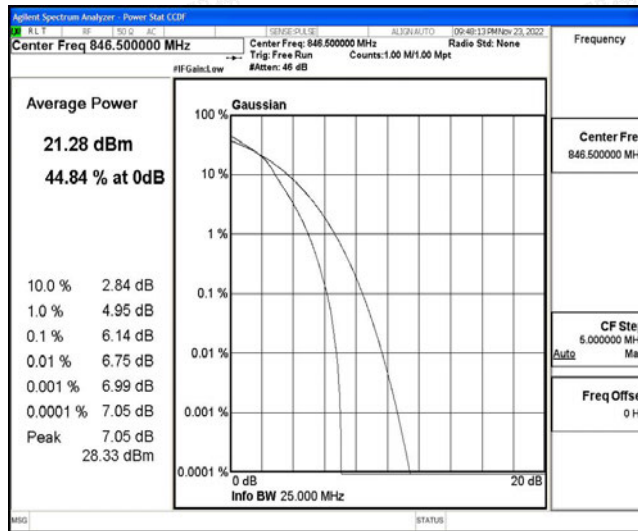


Band5-5MHz-16QAM-20525-25RB#0

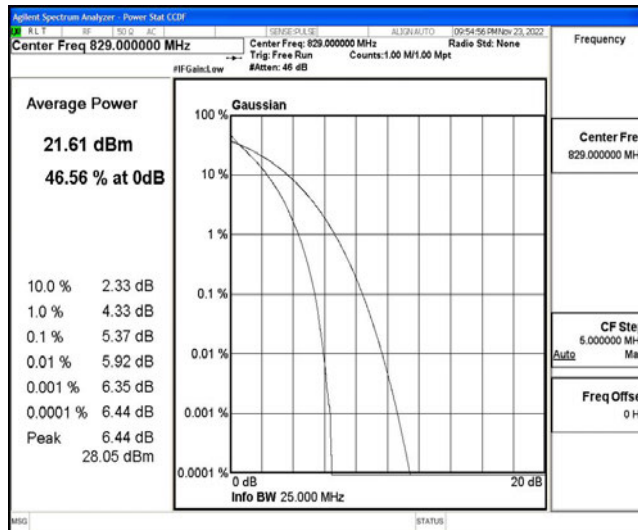


Band5-5MHz-16QAM-20625-25RB#0

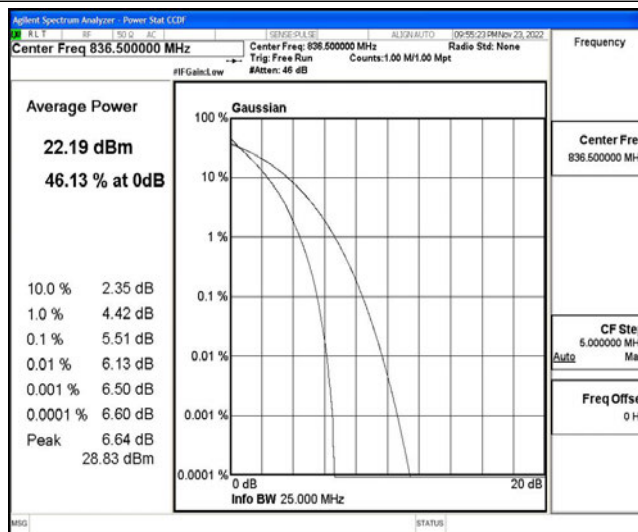




Band5-10MHz-QPSK-20450-50RB#0

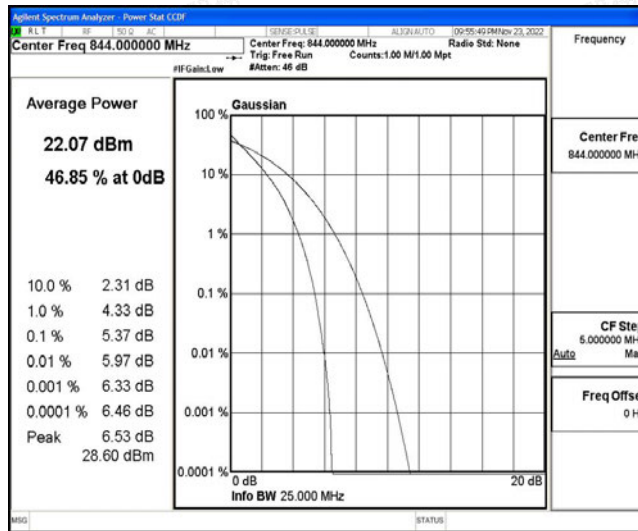


Band5-10MHz-QPSK-20525-50RB#0

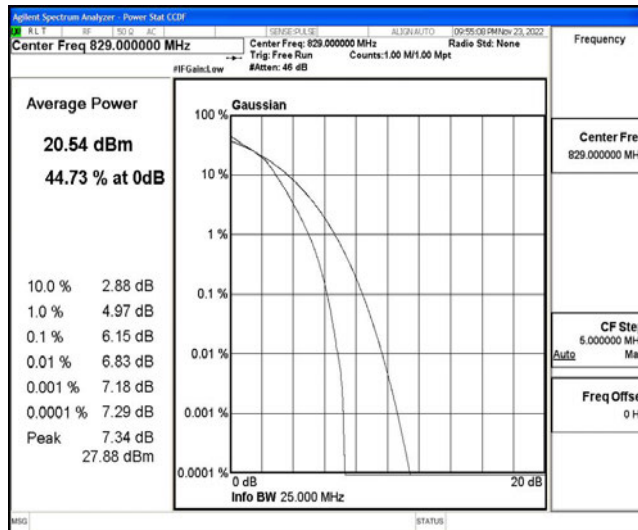


Band5-10MHz-QPSK-20600-50RB#0

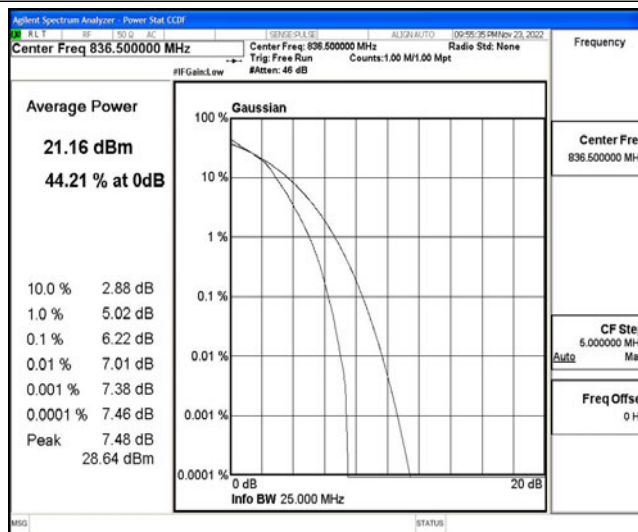




Band5-10MHz-16QAM-20450-50RB#0

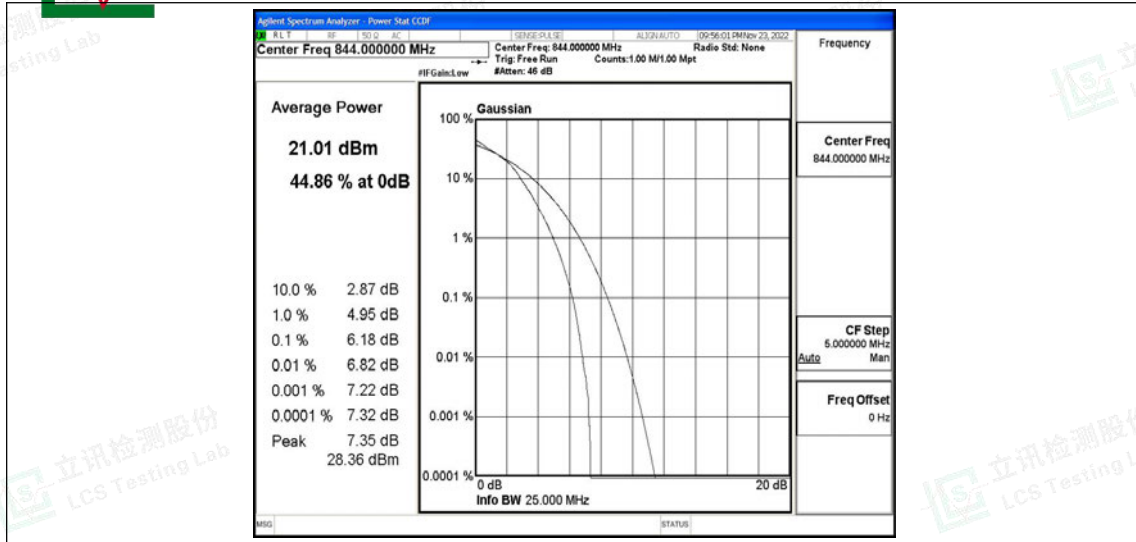


Band5-10MHz-16QAM-20525-50RB#0



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







H.3 26dB Bandwidth and Occupied Bandwidth

Test Result

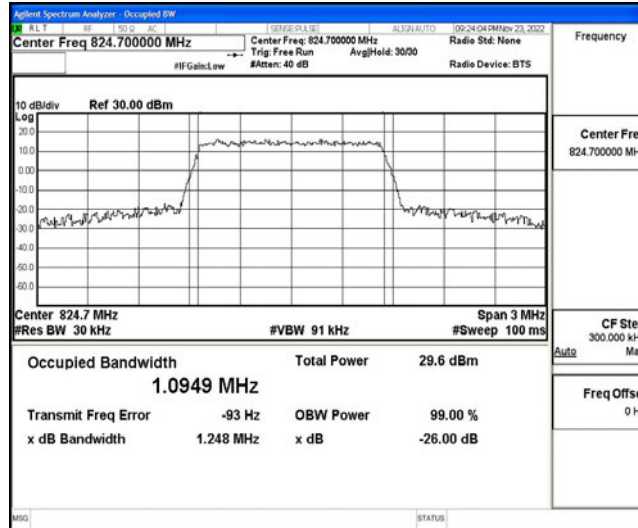
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0949	1.248	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0874	1.249	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0919	1.221	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1051	1.252	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1058	1.244	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0974	1.245	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7067	3.021	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7178	3.051	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7121	3.020	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7082	3.034	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7025	3.030	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7075	3.030	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5126	4.973	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5179	4.970	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5043	4.937	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5066	4.983	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5089	4.965	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5369	4.981	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0014	9.890	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0131	9.929	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9669	9.884	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9695	9.885	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9931	9.913	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9799	9.989	PASS



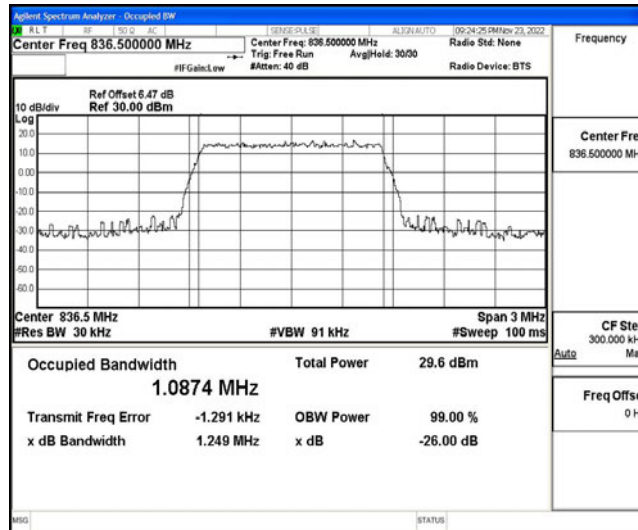


Test Graphs

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

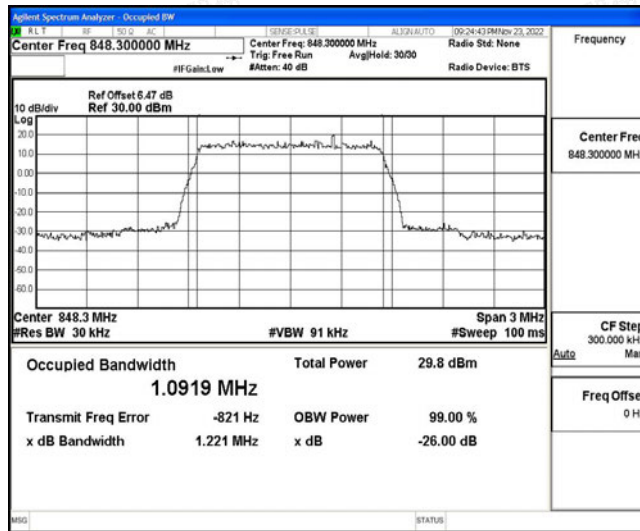


Band5-1.4MHz-QPSK-20525-6RB#0

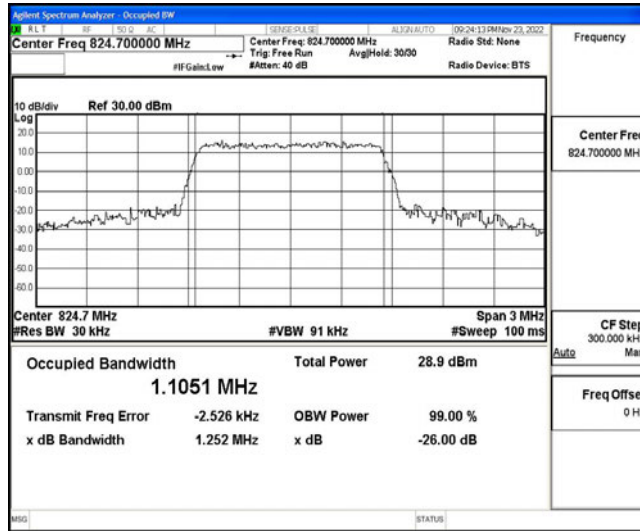


Band5-1.4MHz-QPSK-20643-6RB#0

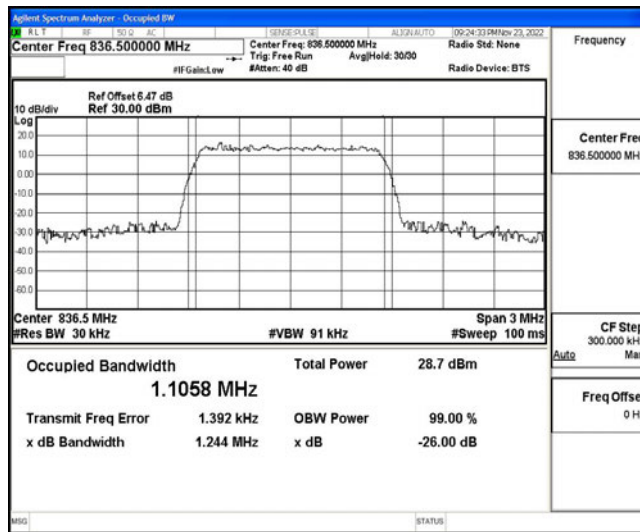




Band5-1.4MHz-16QAM-20407-6RB#0

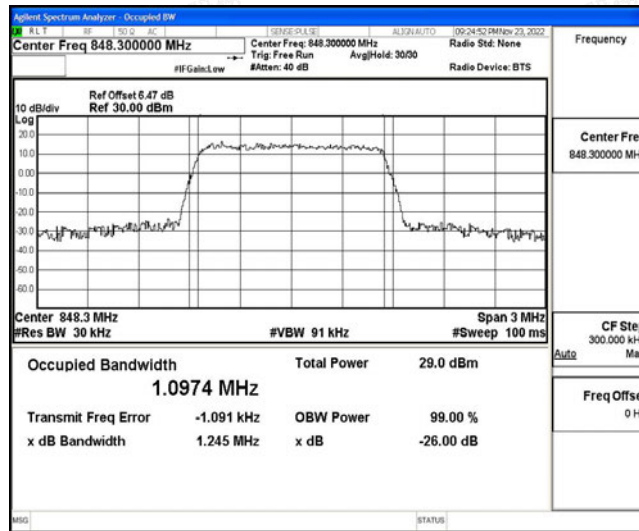


Band5-1.4MHz-16QAM-20525-6RB#0

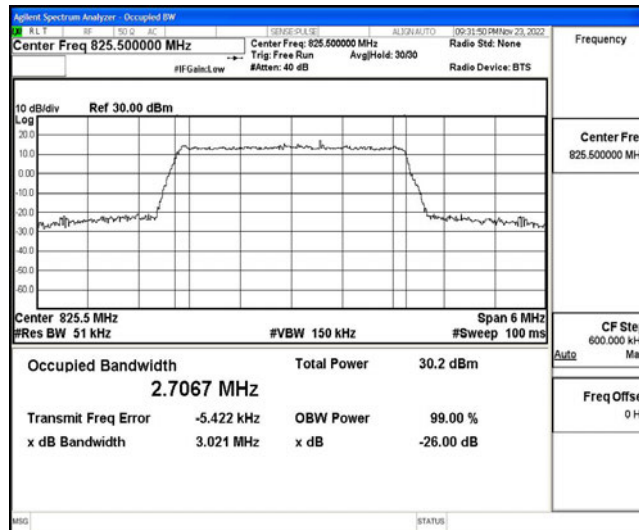


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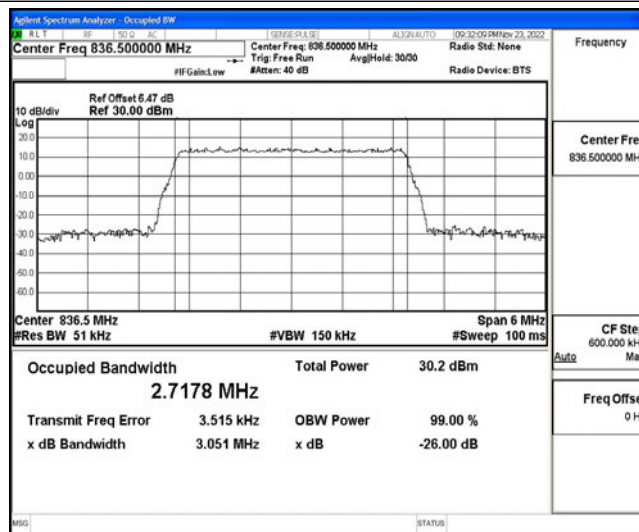




Band5-3MHz-QPSK-20415-15RB#0

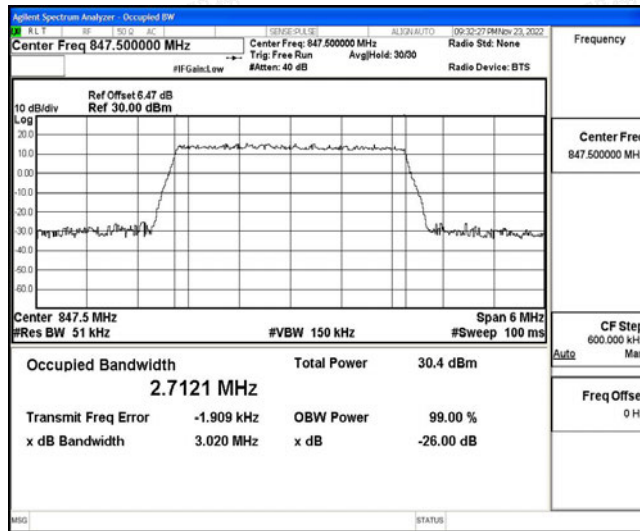


Band5-3MHz-QPSK-20525-15RB#0

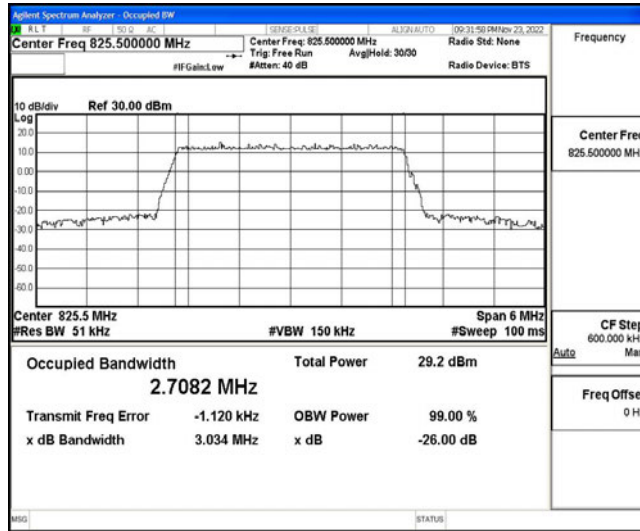


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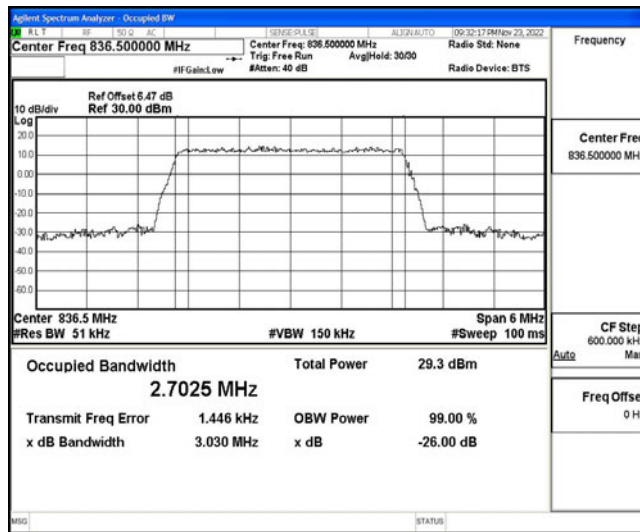




Band5-3MHz-16QAM-20415-15RB#0

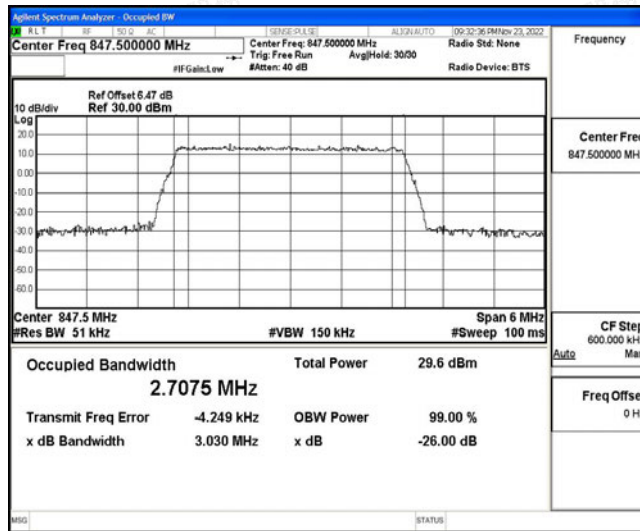


Band5-3MHz-16QAM-20525-15RB#0

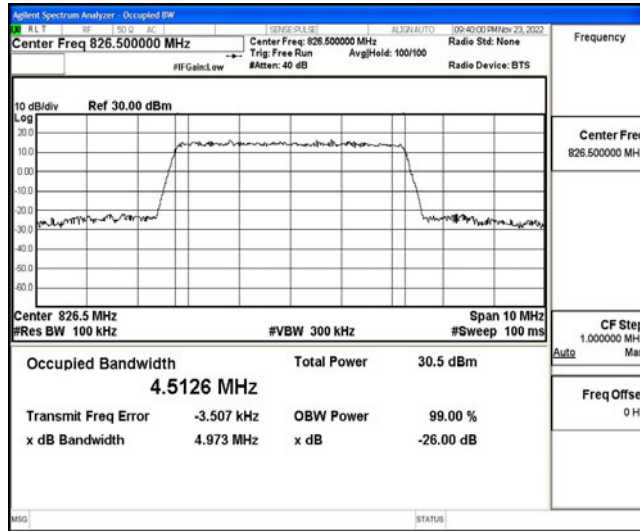


Band5-3MHz-16QAM-20635-15RB#0

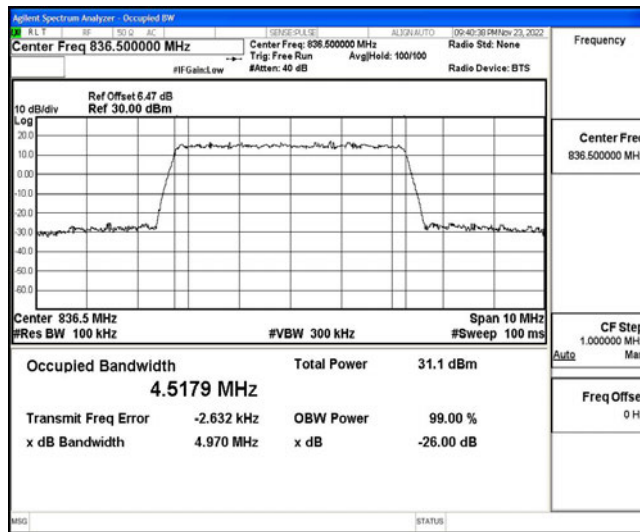




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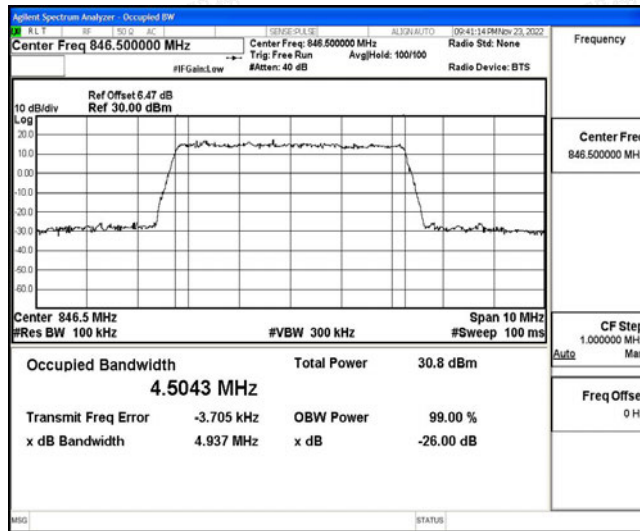


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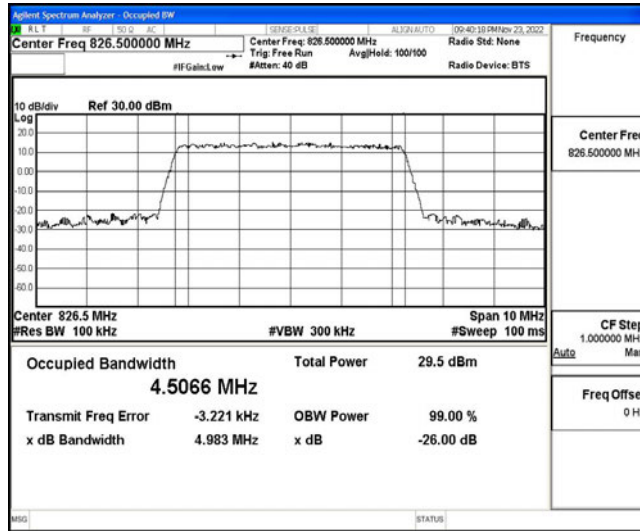


Band5-5MHz-QPSK-20625-25RB#0

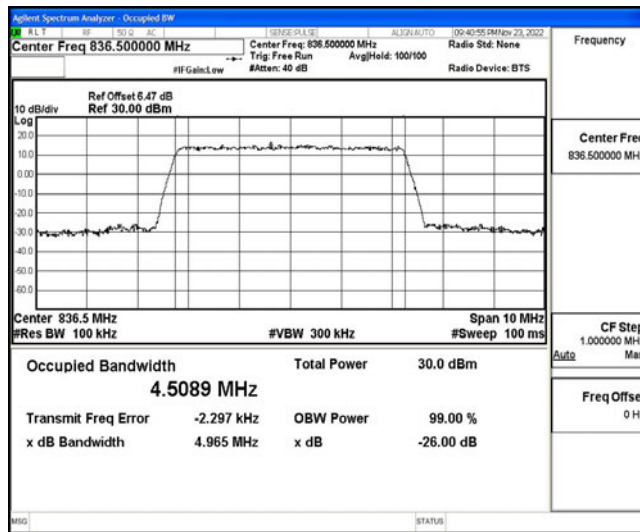




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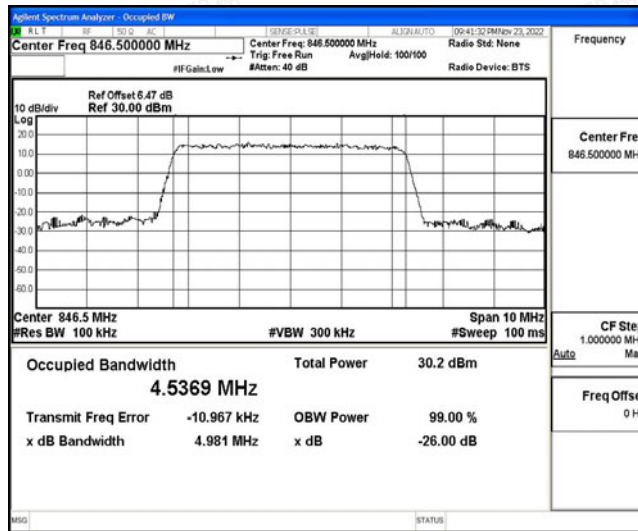


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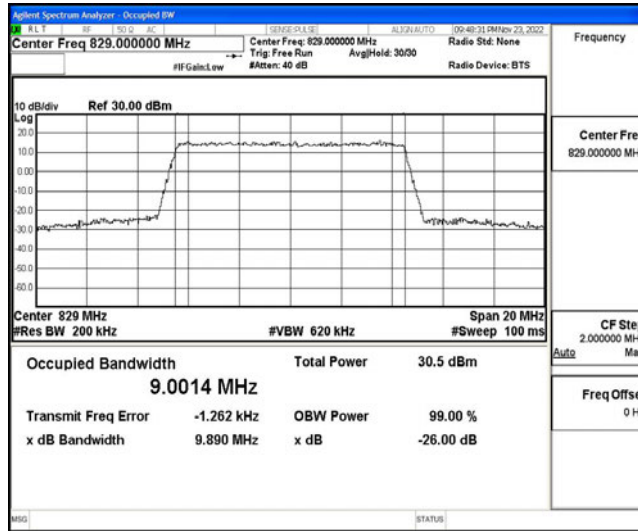


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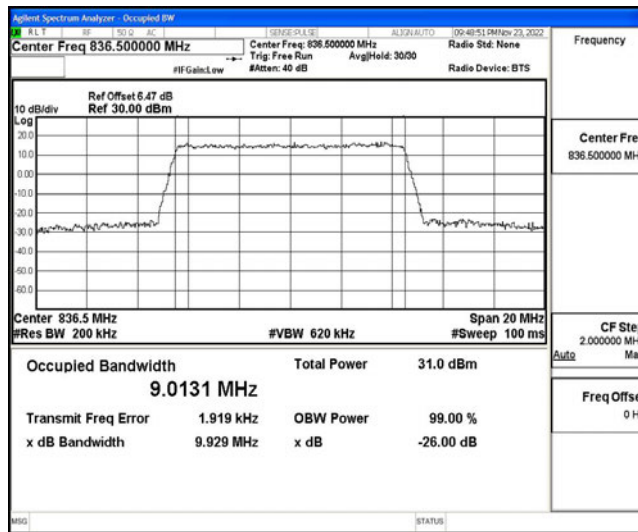




Band5-10MHz-QPSK-20450-50RB#0

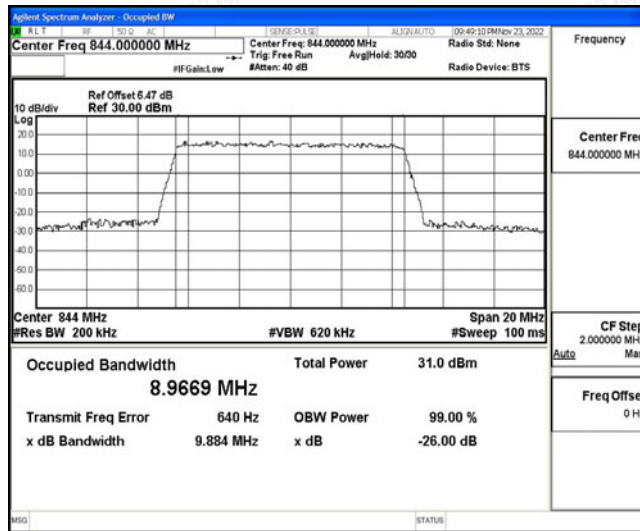


Band5-10MHz-QPSK-20525-50RB#0

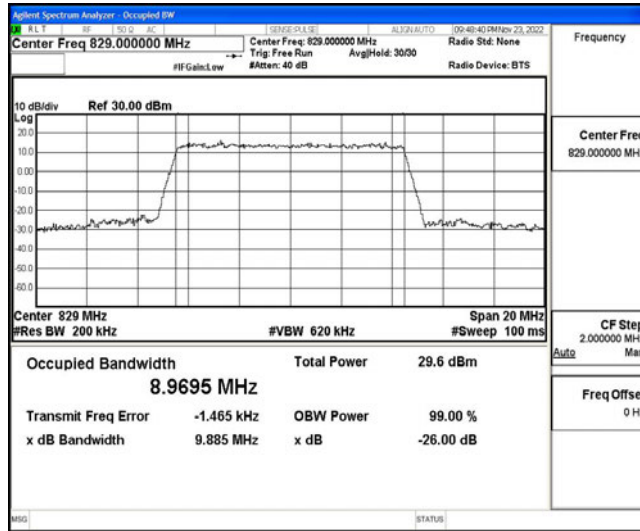


Band5-10MHz-QPSK-20600-50RB#0

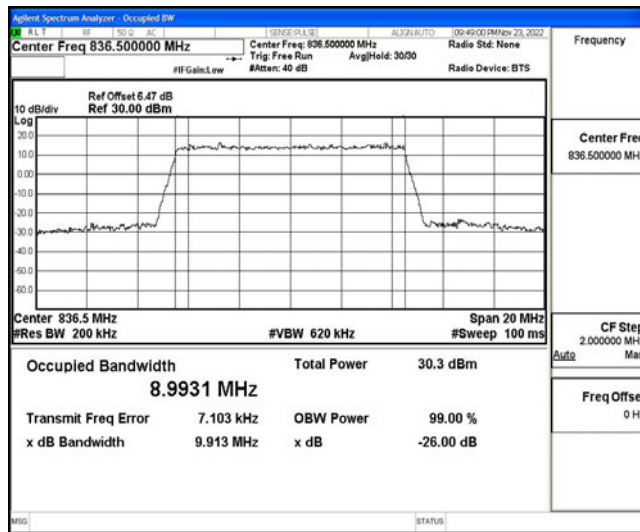




Band5-10MHz-16QAM-20450-50RB#0

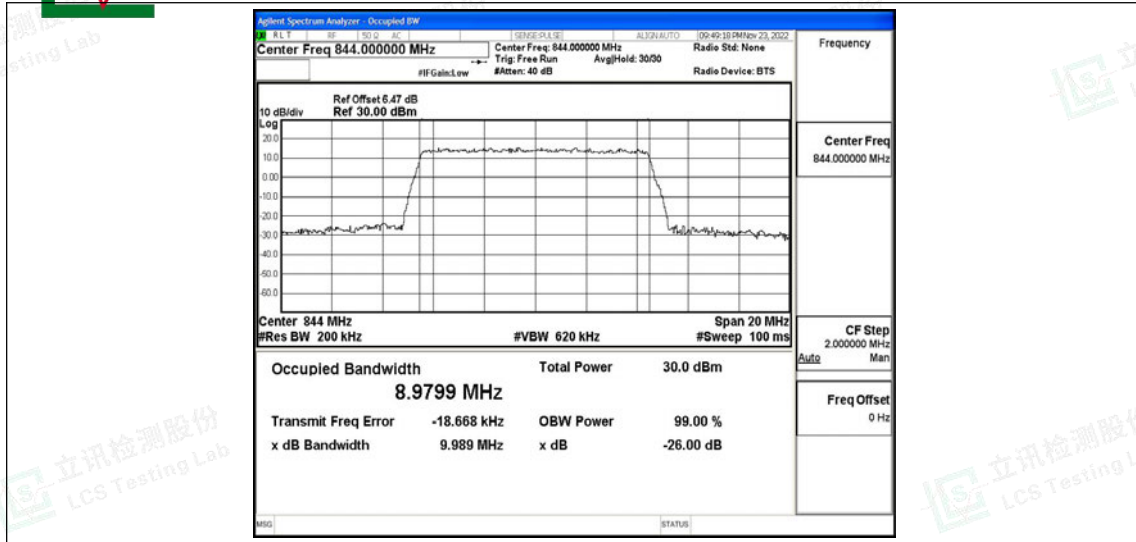


Band5-10MHz-16QAM-20525-50RB#0



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





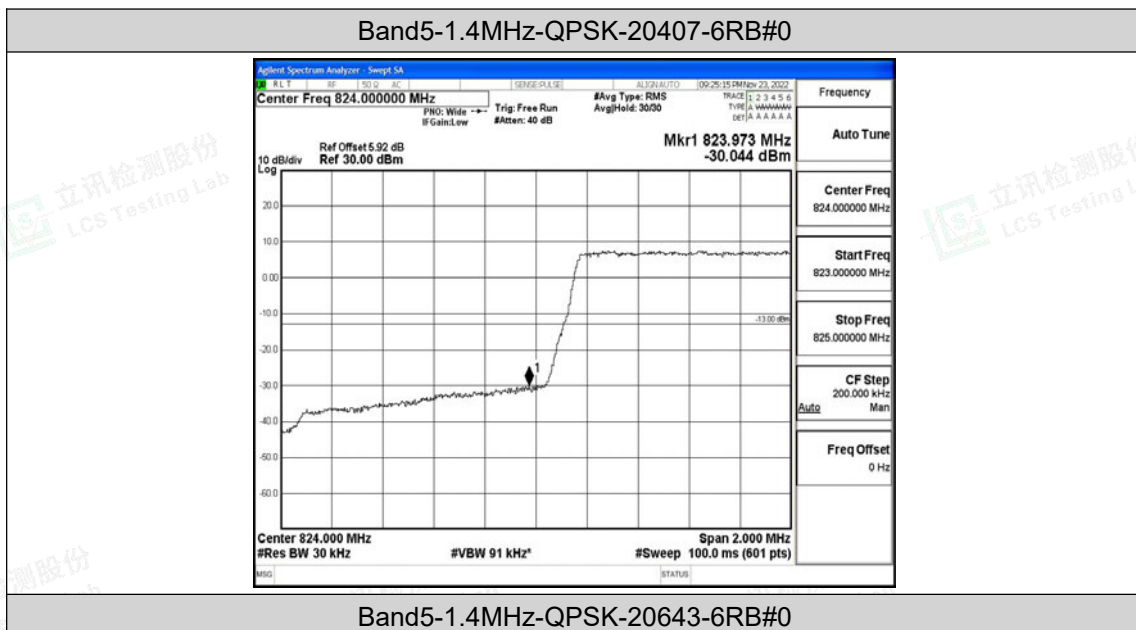


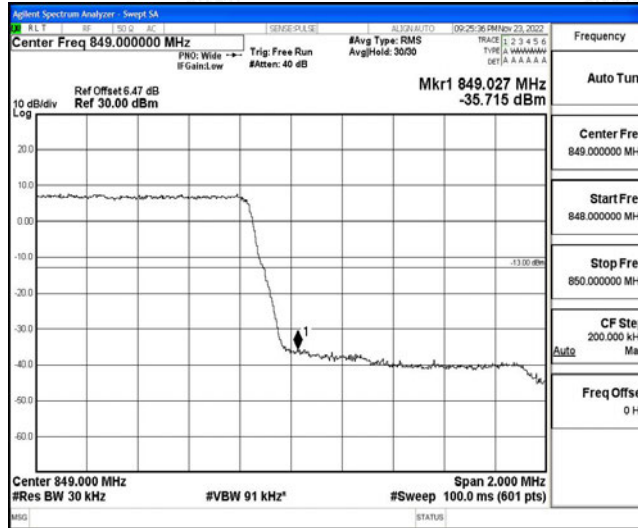
H.4 Band Edge

Test Result

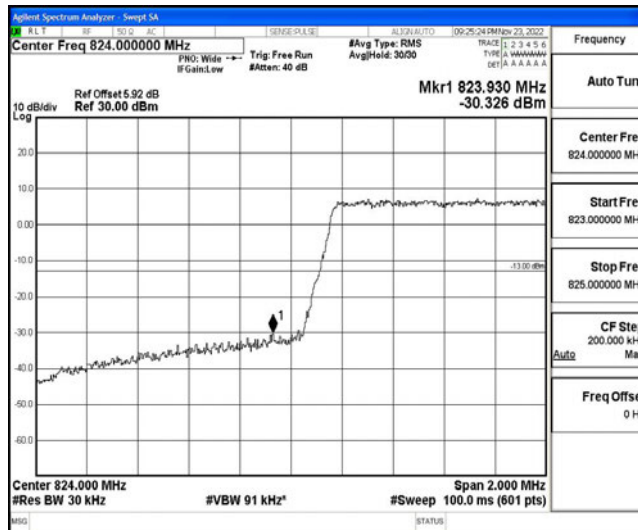
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-30.04	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-35.71	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-30.33	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-36.48	PASS
Band5	3MHz	QPSK	20415	15RB#0	-22.16	PASS
Band5	3MHz	QPSK	20635	15RB#0	-22.82	PASS
Band5	3MHz	16QAM	20415	15RB#0	-23.26	PASS
Band5	3MHz	16QAM	20635	15RB#0	-24.06	PASS
Band5	5MHz	QPSK	20425	25RB#0	-27.40	PASS
Band5	5MHz	QPSK	20625	25RB#0	-28.01	PASS
Band5	5MHz	16QAM	20425	25RB#0	-28.54	PASS
Band5	5MHz	16QAM	20625	25RB#0	-28.67	PASS
Band5	10MHz	QPSK	20450	50RB#0	-30.72	PASS
Band5	10MHz	QPSK	20600	50RB#0	-31.36	PASS
Band5	10MHz	16QAM	20450	50RB#0	-31.95	PASS
Band5	10MHz	16QAM	20600	50RB#0	-32.15	PASS

Test Graphs

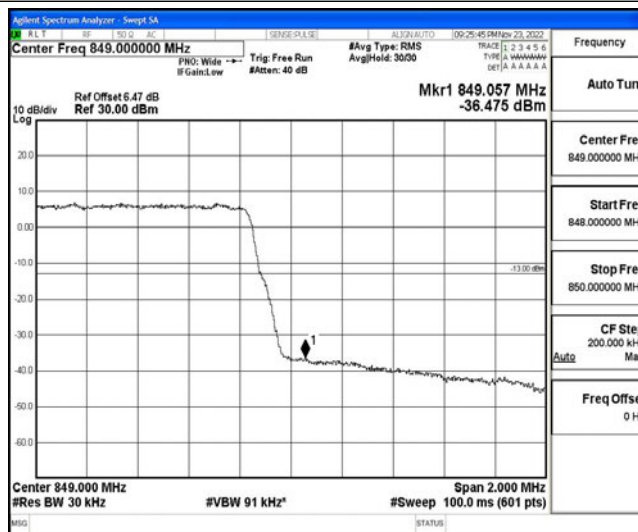




Band5-1.4MHz-16QAM-20407-6RB#0

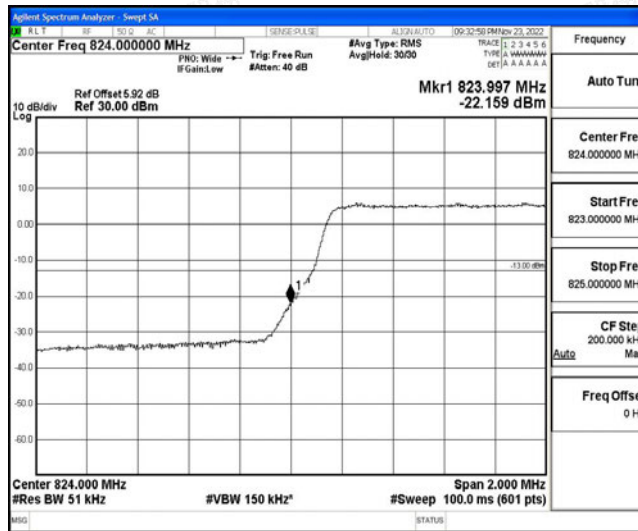


Band5-1.4MHz-16QAM-20643-6RB#0

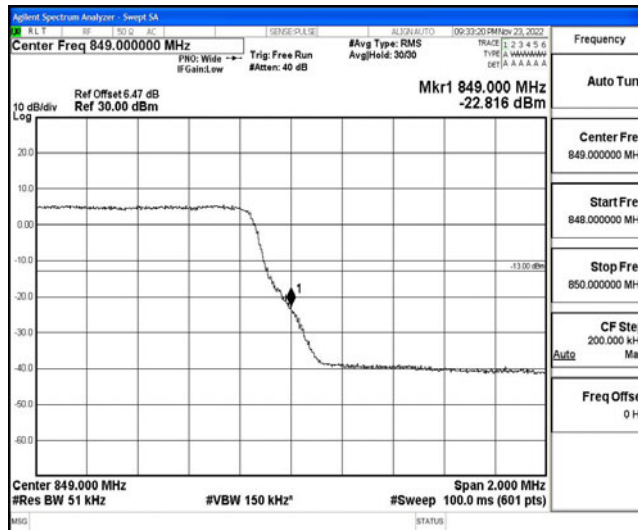


Band5-3MHz-QPSK-20415-15RB#0

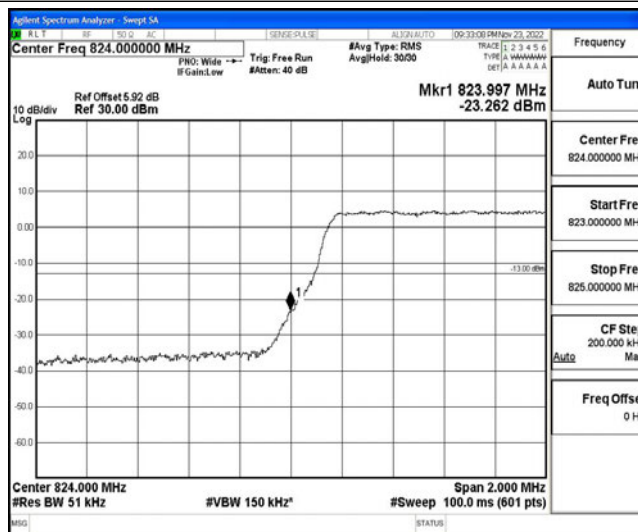




Band5-3MHz-QPSK-20635-15RB#0

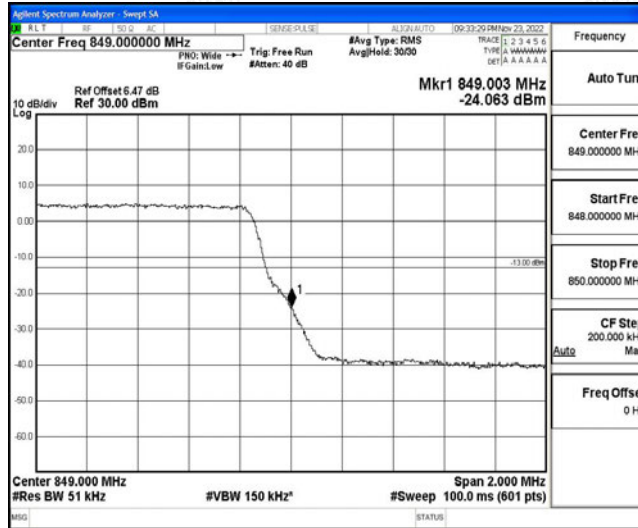


Band5-3MHz-16QAM-20415-15RB#0

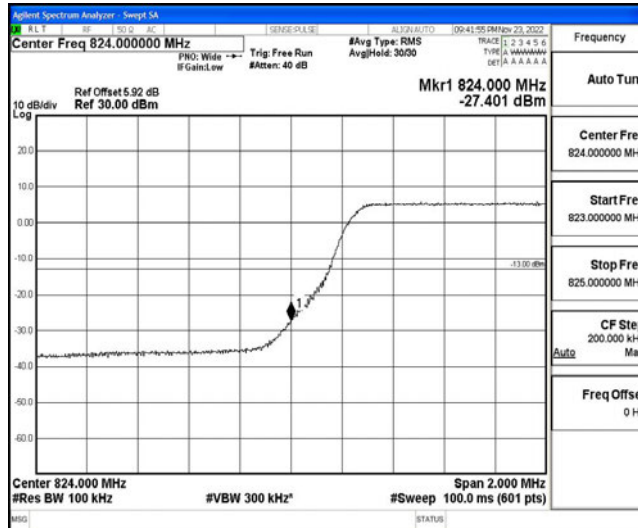


Band5-3MHz-16QAM-20635-15RB#0

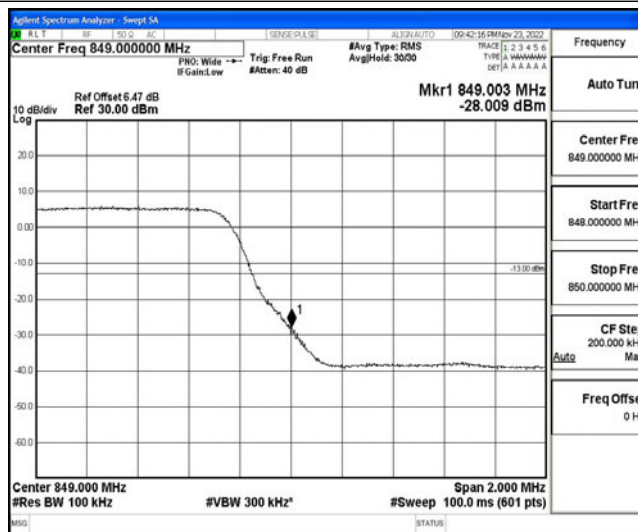




Band5-5MHz-QPSK-20425-25RB#0

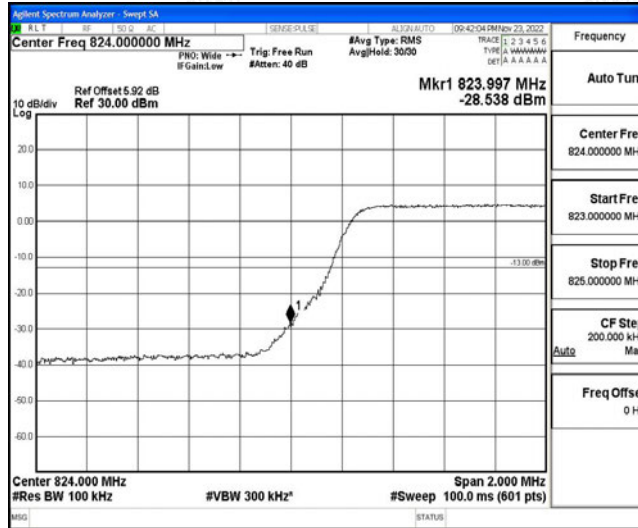


Band5-5MHz-QPSK-20625-25RB#0

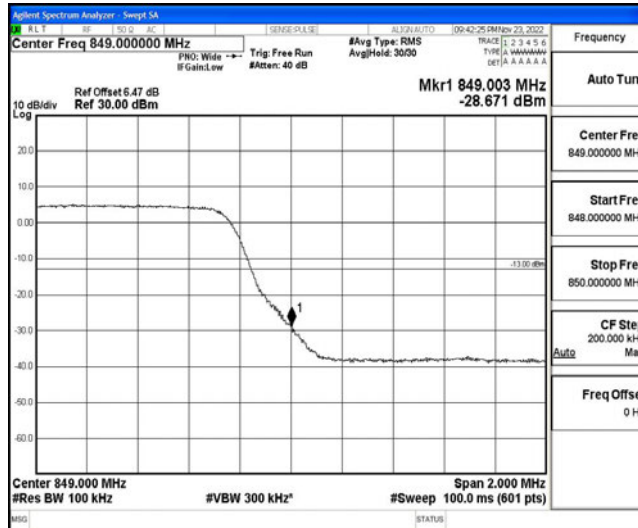


Band5-5MHz-16QAM-20425-25RB#0

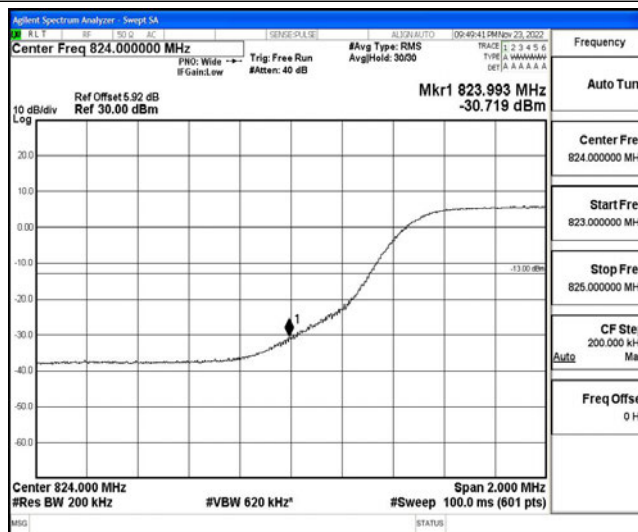




Band5-5MHz-16QAM-20625-25RB#0

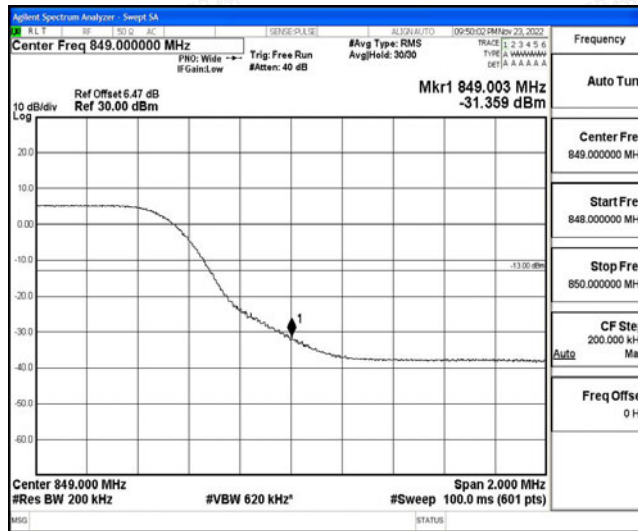


Band5-10MHz-QPSK-20450-50RB#0

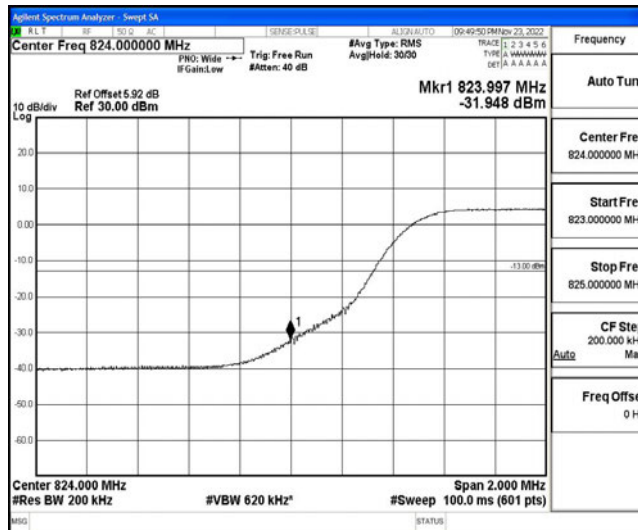


Band5-10MHz-QPSK-20600-50RB#0

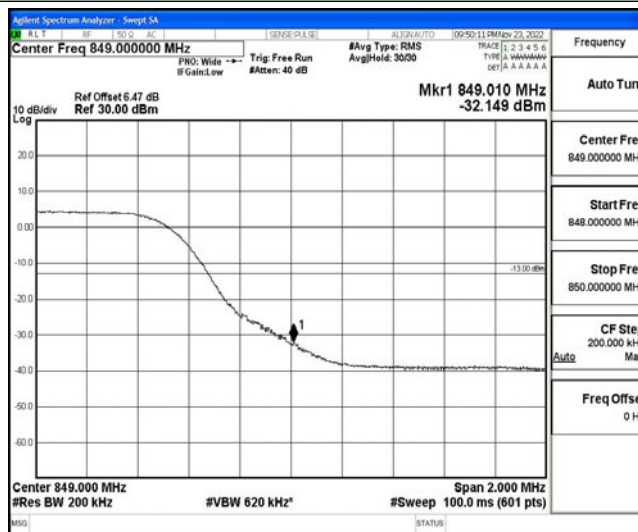




Band5-10MHz-16QAM-20450-50RB#0



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







H.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	-54.63	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:0.15~30MHz	-51.05	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range3:30~1000MHz	-40.78	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range4:1000~10000MHz	-45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-56.61	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-49.55	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.61	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:0.009~0.15MHz	-56.39	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:0.15~30MHz	-50.13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range3:30~1000MHz	-39.53	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:0.009~0.15MHz	-55.88	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:0.15~30MHz	-49.52	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range3:30~1000MHz	-39.12	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range4:1000~10000MHz	-44.96	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-54.9	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-52.57	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.79	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:0.009~0.15MHz	-55.28	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:0.15~30MHz	-52.18	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range3:30~1000MHz	-40.48	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:0.009~0.15MHz	-55.16	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:0.15~30MHz	-51.07	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range3:30~1000MHz	-40.92	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range4:1000~10000MHz	-44.96	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.06	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-49.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.06	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:0.009~0.15MHz	-55.11	PASS





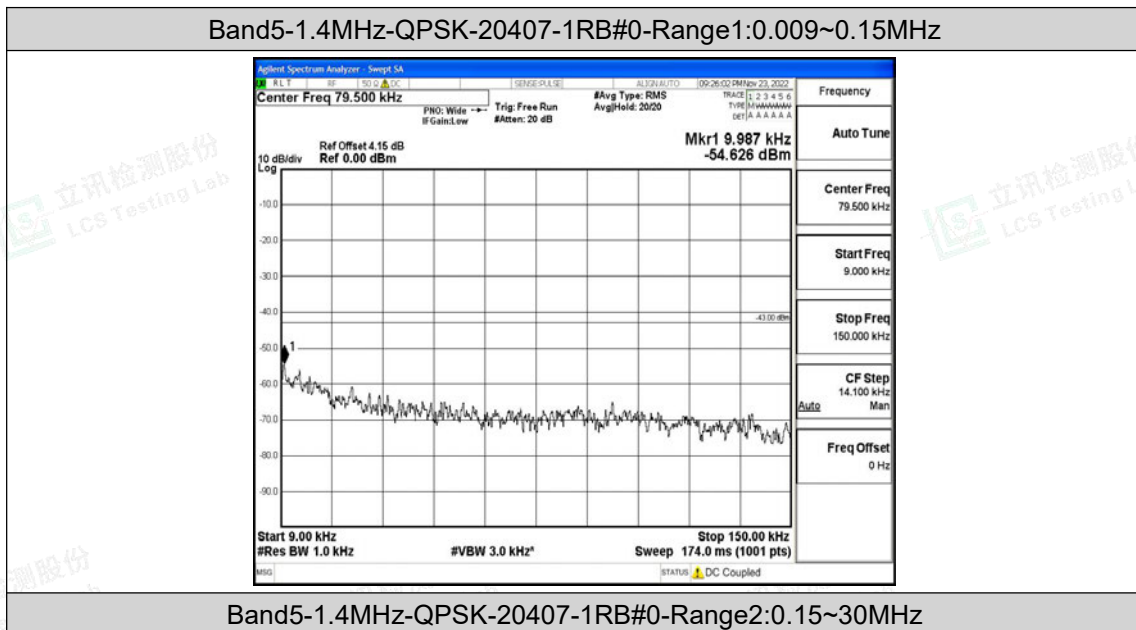
Band5	3MHz	QPSK	20635	1RB#0	Range2:0.15~30MHz	-52.84	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range3:30~1000MHz	-41.21	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range4:1000~10000MHz	-44.96	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:0.009~0.15MHz	-54.54	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:0.15~30MHz	-49.85	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range3:30~1000MHz	-40.89	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.74	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-49.42	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.5	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:0.009~0.15MHz	-56.5	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:0.15~30MHz	-49.65	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range3:30~1000MHz	-40.77	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:0.009~0.15MHz	-55.62	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:0.15~30MHz	-50.87	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range3:30~1000MHz	-41.07	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-56.29	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.34	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.59	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.72	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:0.009~0.15MHz	-53.14	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:0.15~30MHz	-51.56	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range3:30~1000MHz	-40.36	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range4:1000~10000MHz	-44.67	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:0.009~0.15MHz	-54.73	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:0.15~30MHz	-50.54	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range3:30~1000MHz	-41.38	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range4:1000~10000MHz	-44.72	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-54.95	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-50.25	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-41.15	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.96	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:0.009~0.15MHz	-54.62	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:0.15~30MHz	-51.49	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range3:30~1000MHz	-41.24	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:0.009~0.15MHz	-55.05	PASS

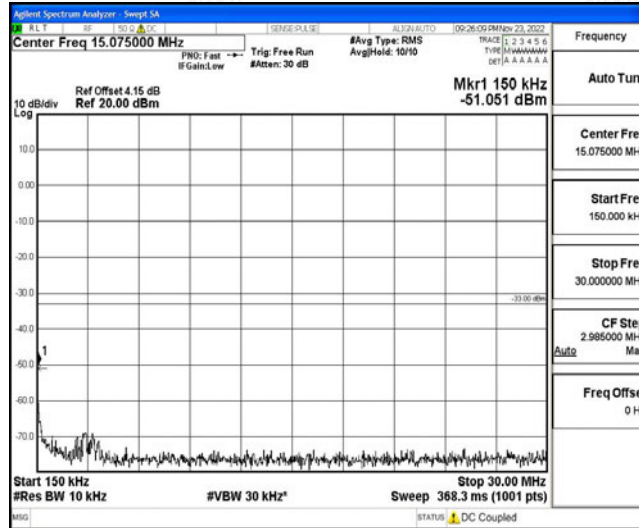




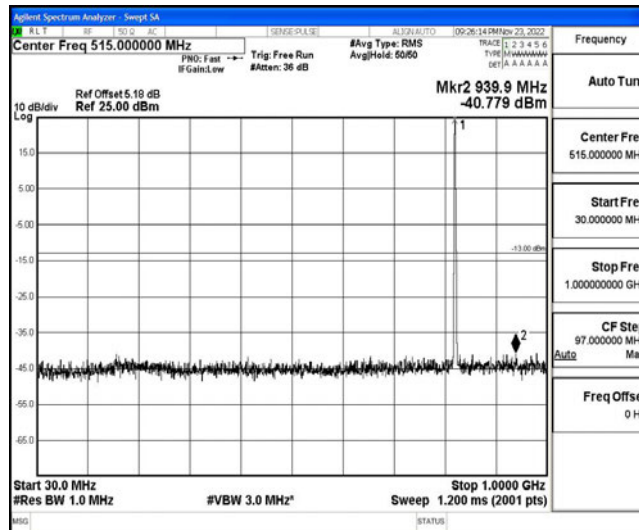
Band5	10MHz	QPSK	20450	1RB#0	Range2:0.15~30MHz	-51.25	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range3:30~1000MHz	-41.14	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.25	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.55	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.11	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:0.009~0.15MHz	-55.72	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:0.15~30MHz	-52.1	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range3:30~1000MHz	-40.8	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:0.009~0.15MHz	-54.89	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:0.15~30MHz	-49.69	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range3:30~1000MHz	-41.02	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-56.13	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-53.13	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.78	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:0.009~0.15MHz	-55.94	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:0.15~30MHz	-51.38	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range3:30~1000MHz	-41.34	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range4:1000~10000MHz	-44.91	PASS

Test Graphs

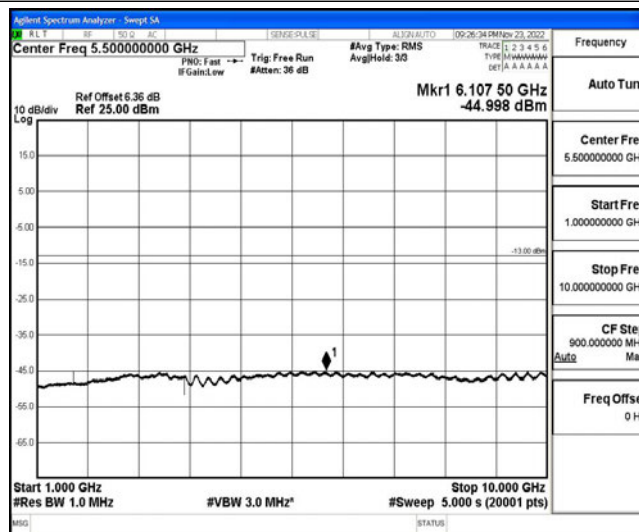




Band5-1.4MHz-QPSK-20407-1RB#0-Range3:30~1000MHz

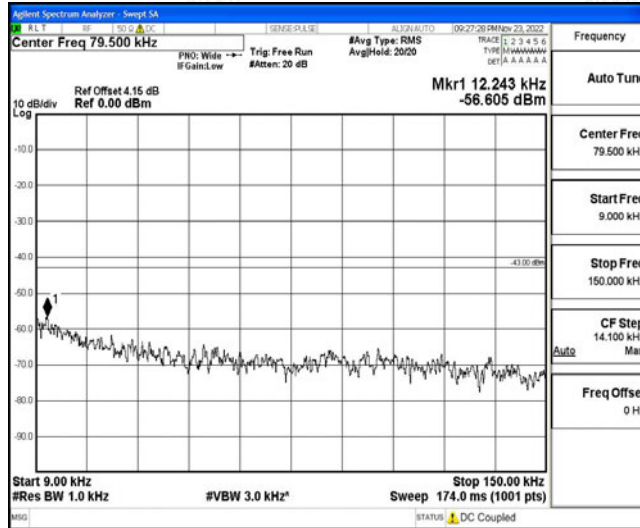


Band5-1.4MHz-QPSK-20407-1RB#0-Range4:1000~10000MHz

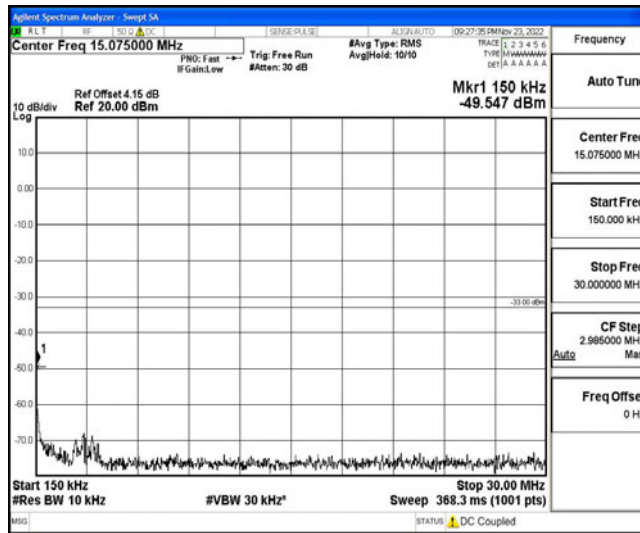


Band5-1.4MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz

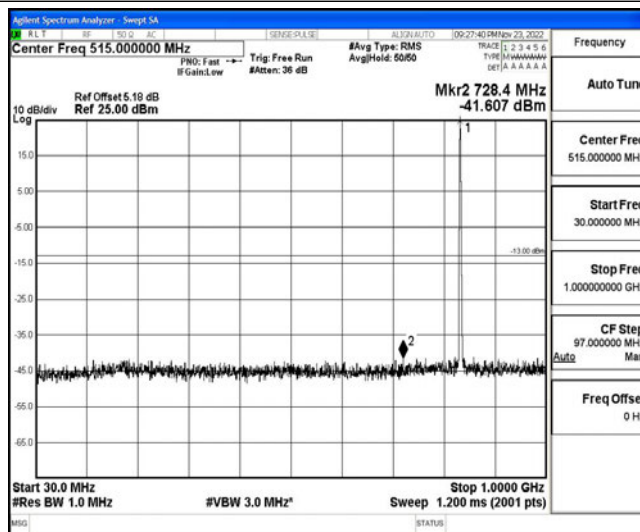




Band5-1.4MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz

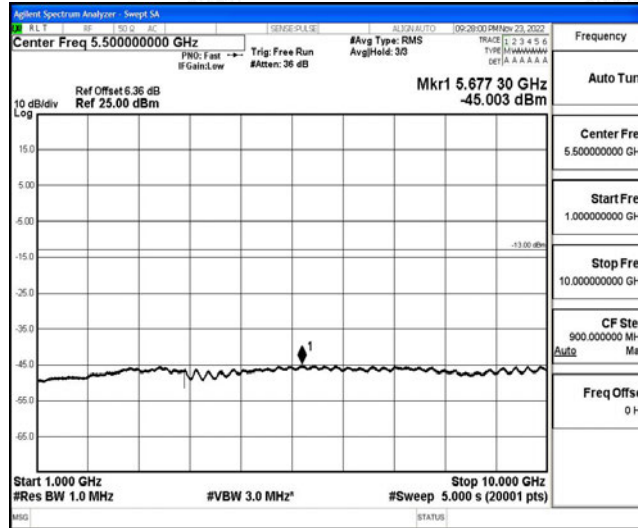


Band5-1.4MHz-QPSK-20525-1RB#0-Range3:30~1000MHz

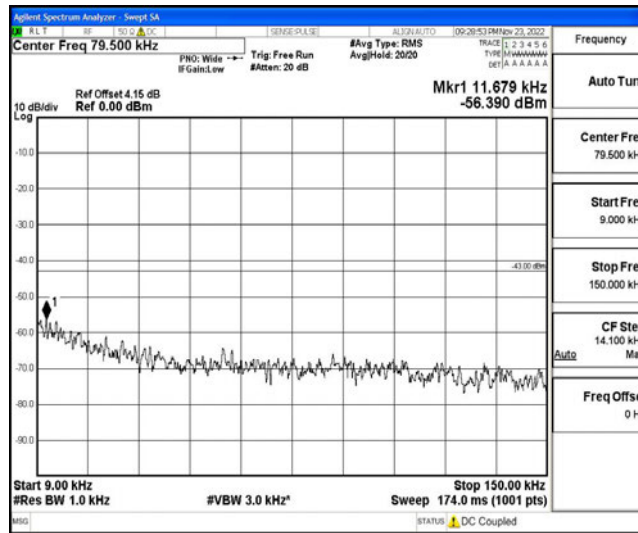


Band5-1.4MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz

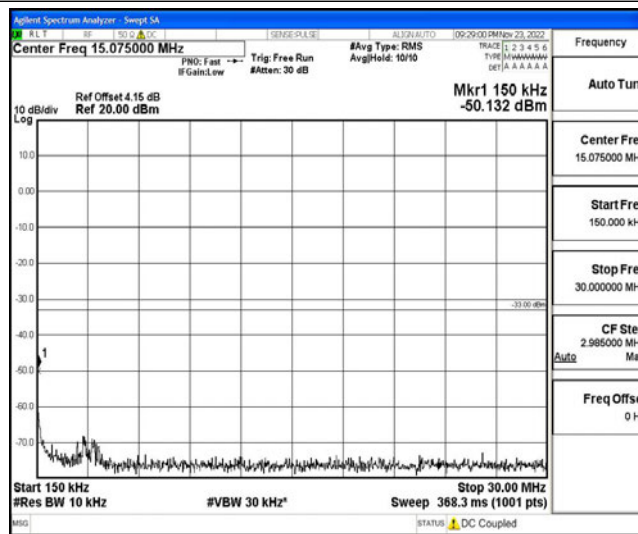




Band5-1.4MHz-QPSK-20643-1RB#0-Range1:0.009~0.15MHz

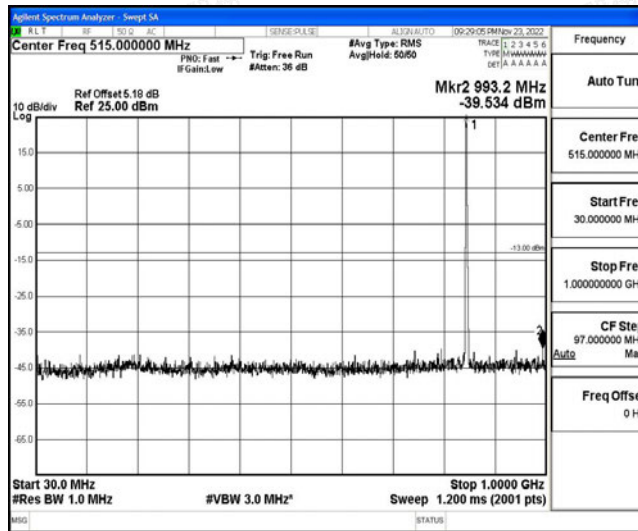


Band5-1.4MHz-QPSK-20643-1RB#0-Range2:0.15~30MHz

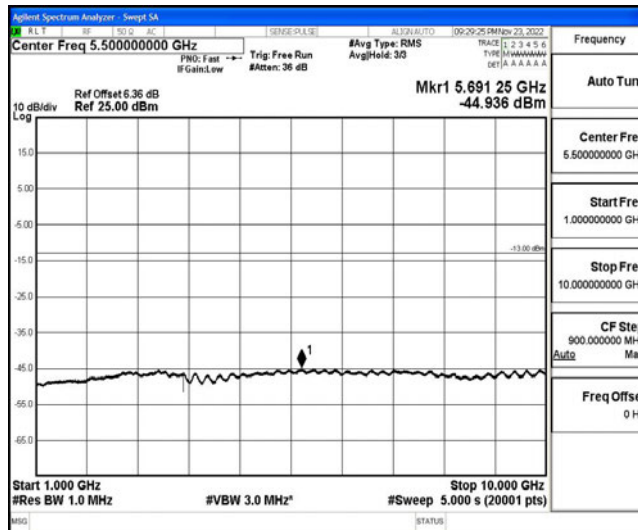


Band5-1.4MHz-QPSK-20643-1RB#0-Range3:30~1000MHz

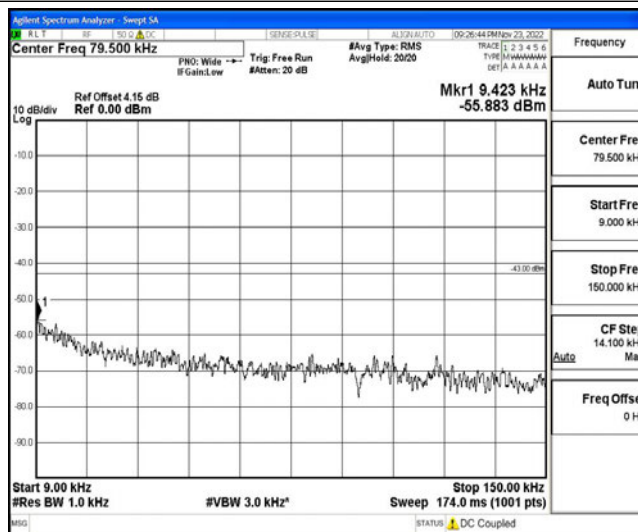




Band5-1.4MHz-QPSK-20643-1RB#0-Range4:1000~10000MHz

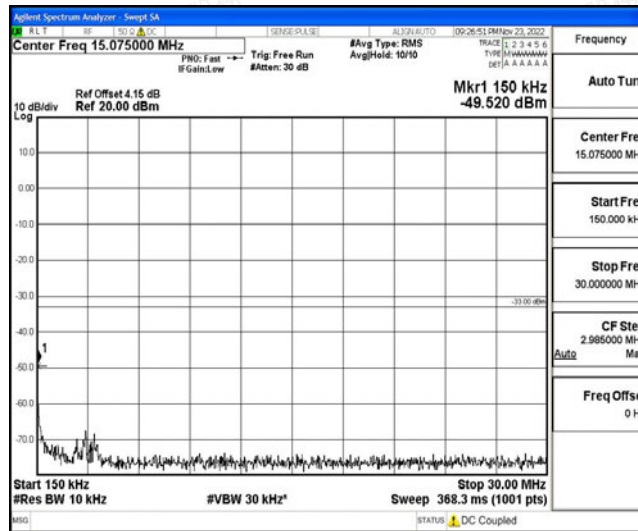


Band5-1.4MHz-16QAM-20407-1RB#0-Range1:0.009~0.15MHz

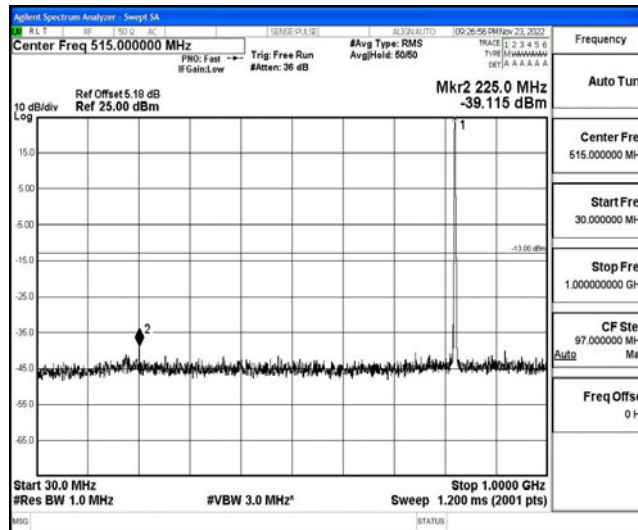


Band5-1.4MHz-16QAM-20407-1RB#0-Range2:0.15~30MHz

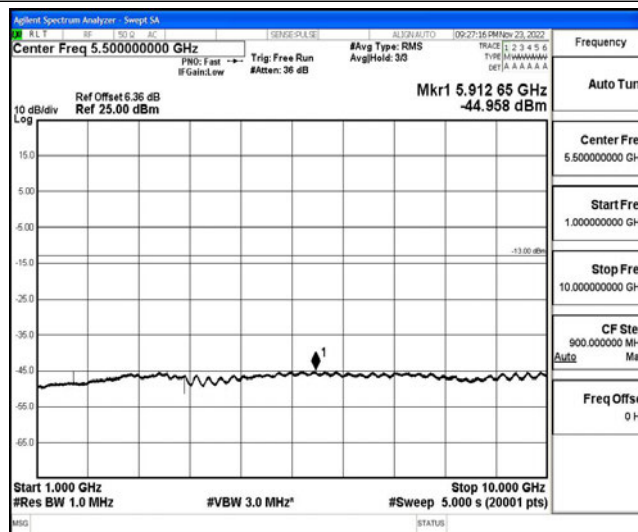




Band5-1.4MHz-16QAM-20407-1RB#0-Range3:30~1000MHz

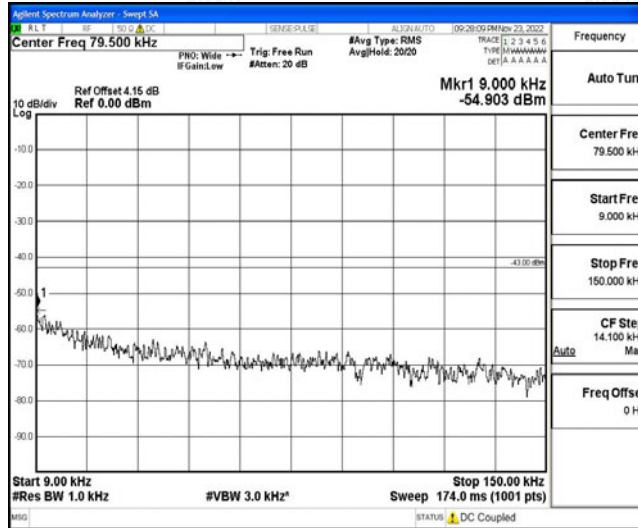


Band5-1.4MHz-16QAM-20407-1RB#0-Range4:1000~10000MHz

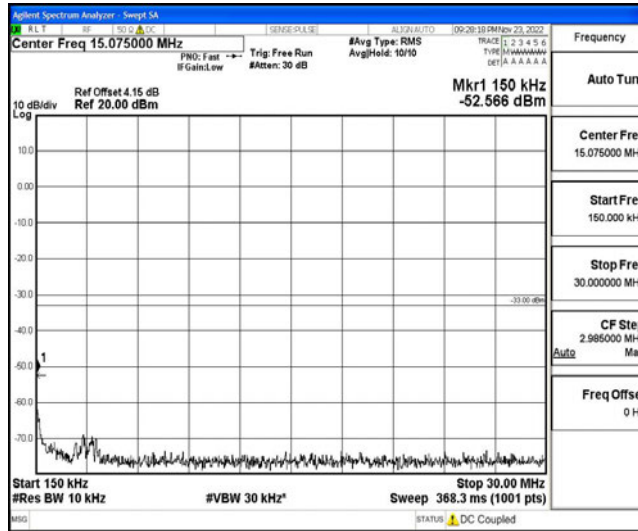


Band5-1.4MHz-16QAM-20525-1RB#0-Range1:0.009~0.15MHz

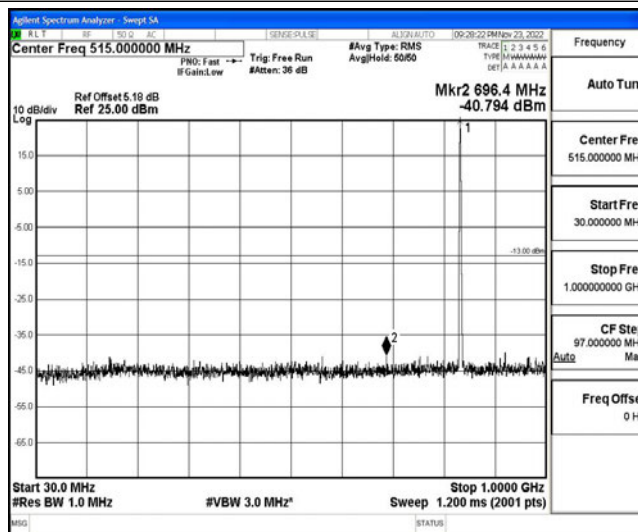




Band5-1.4MHz-16QAM-20525-1RB#0-Range2:0.15~30MHz

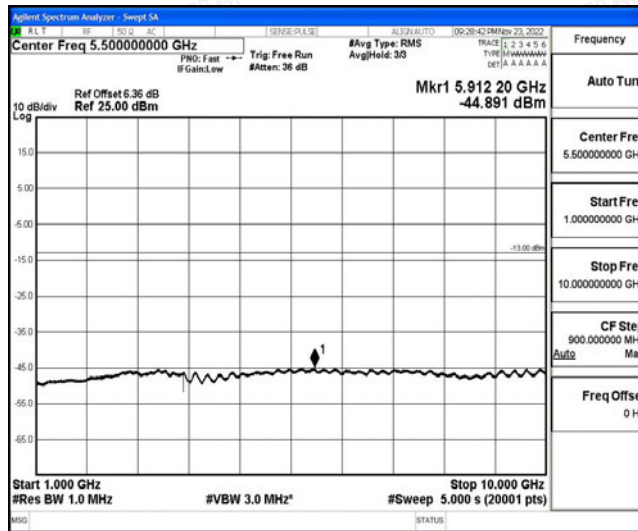


Band5-1.4MHz-16QAM-20525-1RB#0-Range3:30~1000MHz

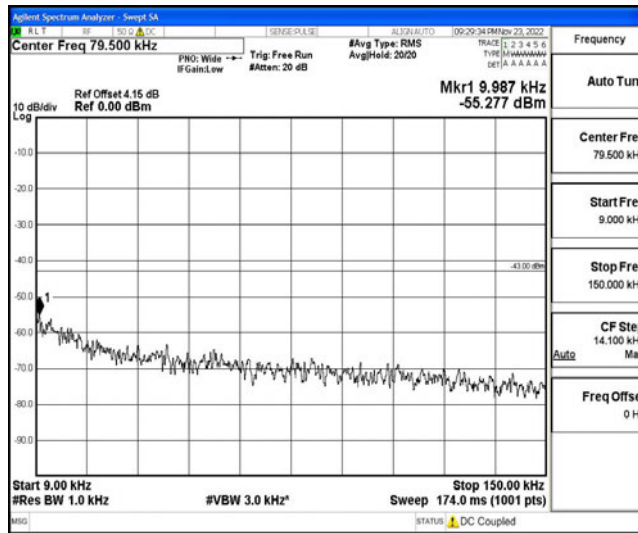


Band5-1.4MHz-16QAM-20525-1RB#0-Range4:1000~10000MHz

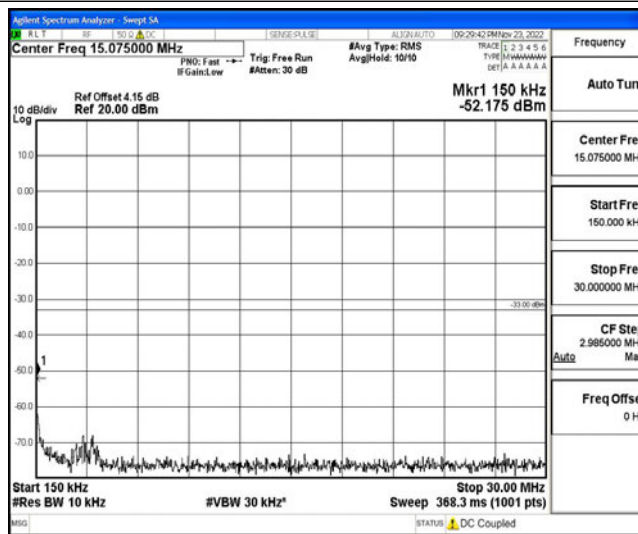




Band5-1.4MHz-16QAM-20643-1RB#0-Range1:0.009~0.15MHz

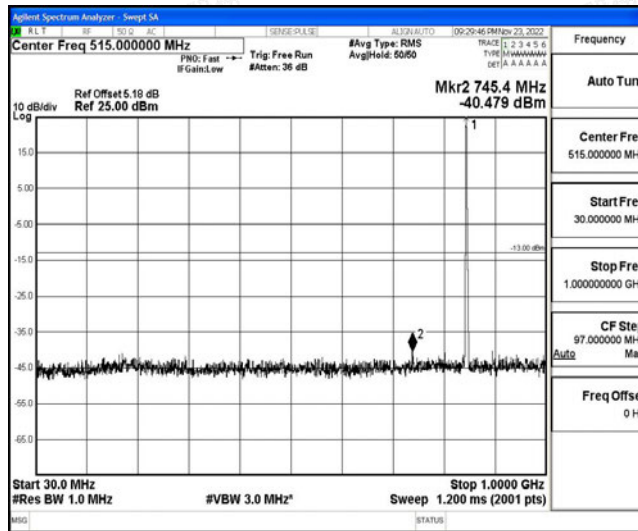


Band5-1.4MHz-16QAM-20643-1RB#0-Range2:0.15~30MHz

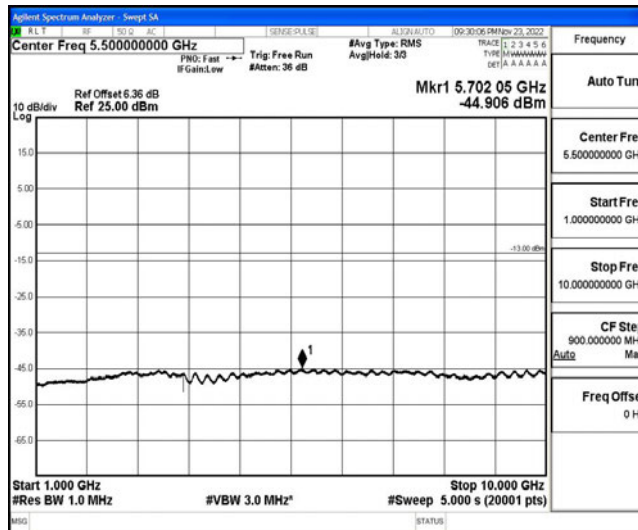


Band5-1.4MHz-16QAM-20643-1RB#0-Range3:30~1000MHz

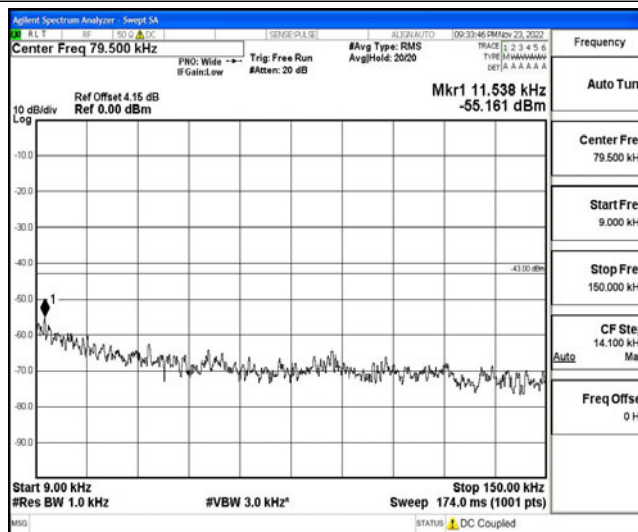




Band5-1.4MHz-16QAM-20643-1RB#0-Range4:1000~10000MHz

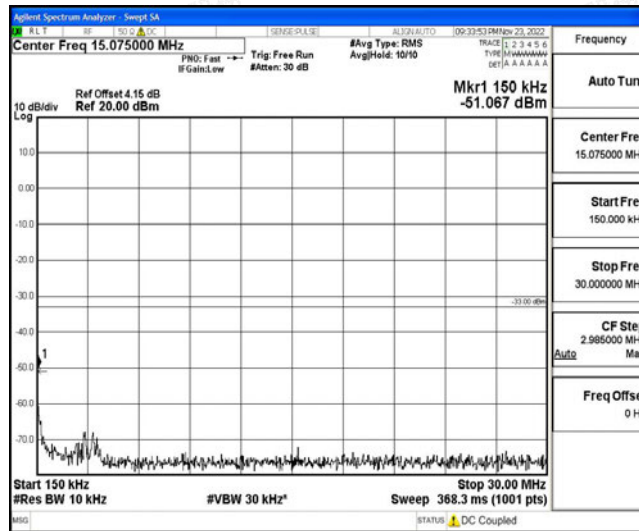


Band5-3MHz-QPSK-20415-1RB#0-Range1:0.009~0.15MHz

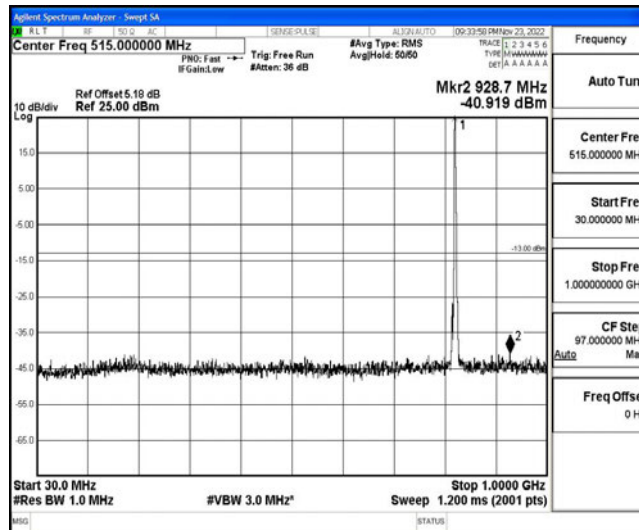


Band5-3MHz-QPSK-20415-1RB#0-Range2:0.15~30MHz

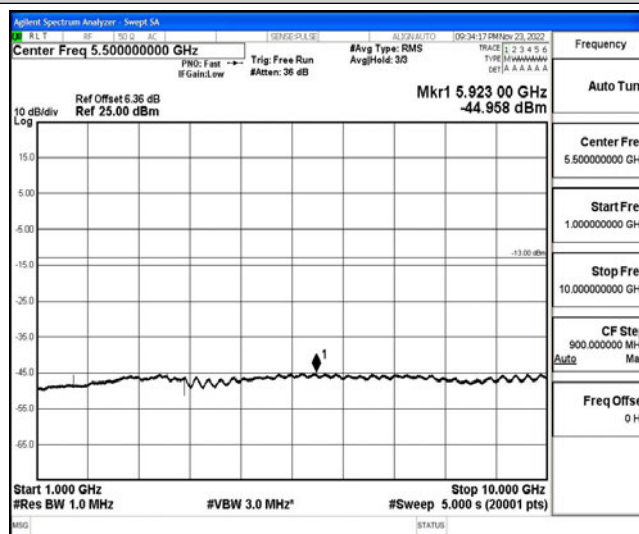




Band5-3MHz-QPSK-20415-1RB#0-Range3:30~1000MHz

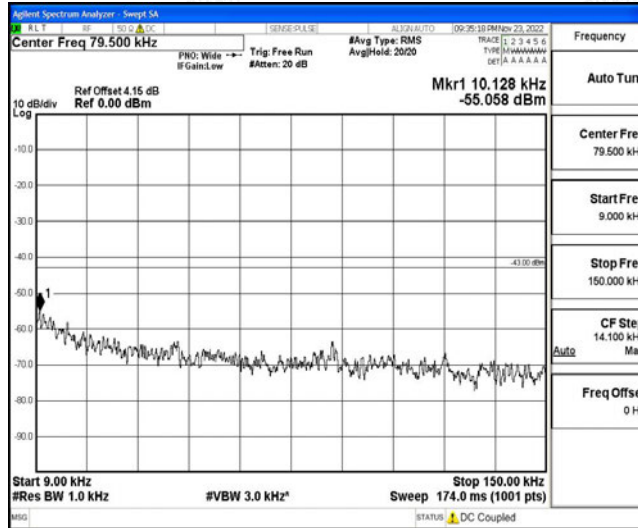


Band5-3MHz-QPSK-20415-1RB#0-Range4:1000~10000MHz

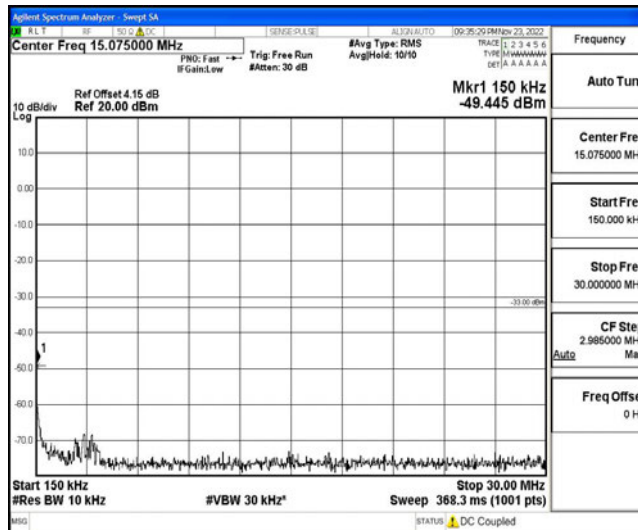


Band5-3MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz

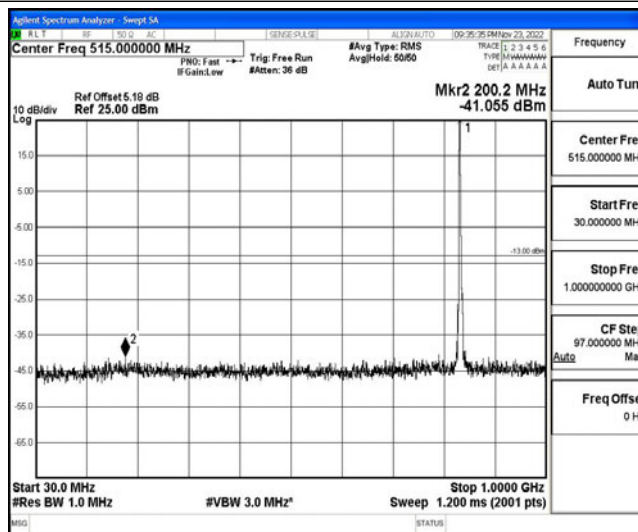




Band5-3MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz

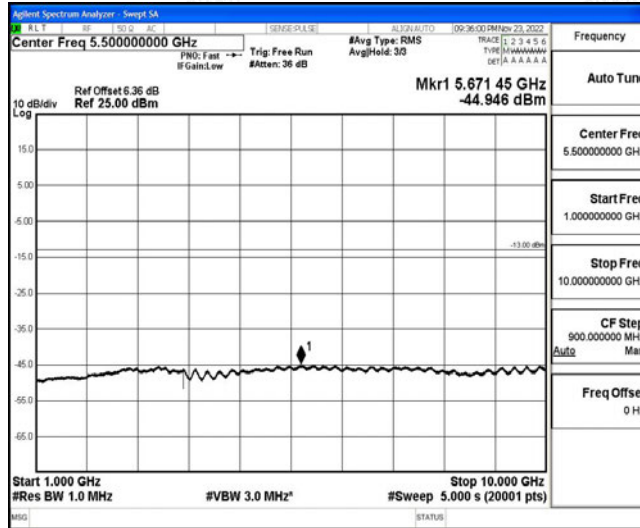


Band5-3MHz-QPSK-20525-1RB#0-Range3:30~1000MHz

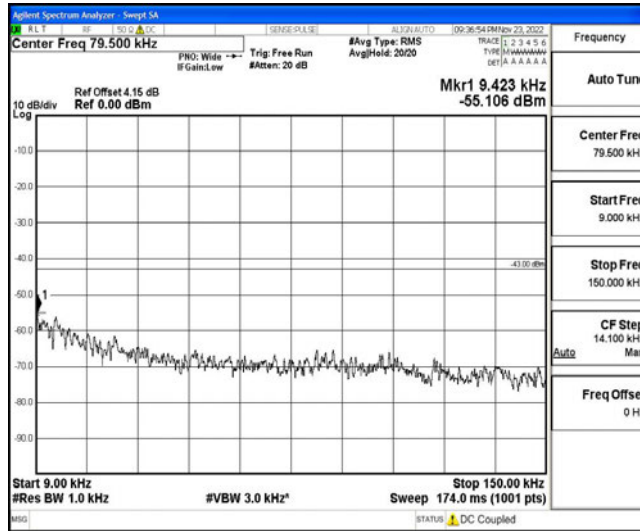


Band5-3MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz

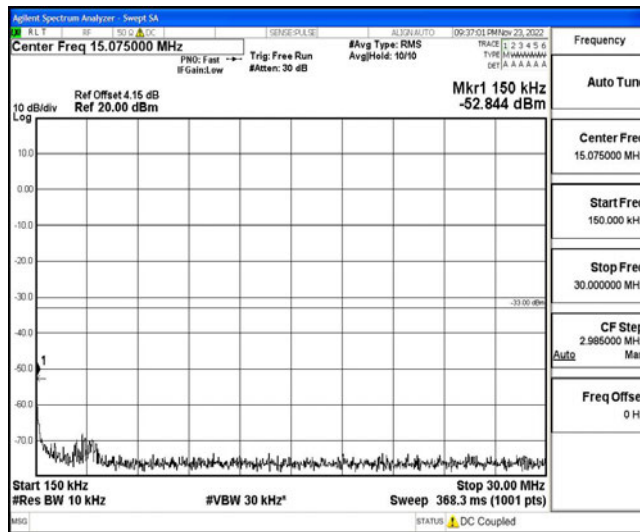




Band5-3MHz-QPSK-20635-1RB#0-Range1:0.009~0.15MHz

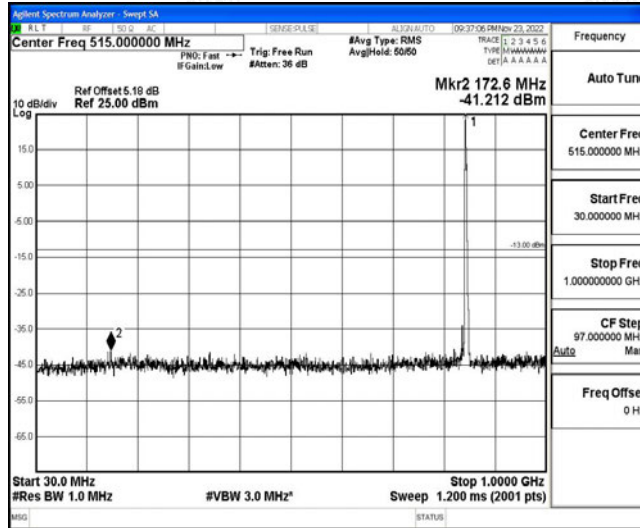


Band5-3MHz-QPSK-20635-1RB#0-Range2:0.15~30MHz

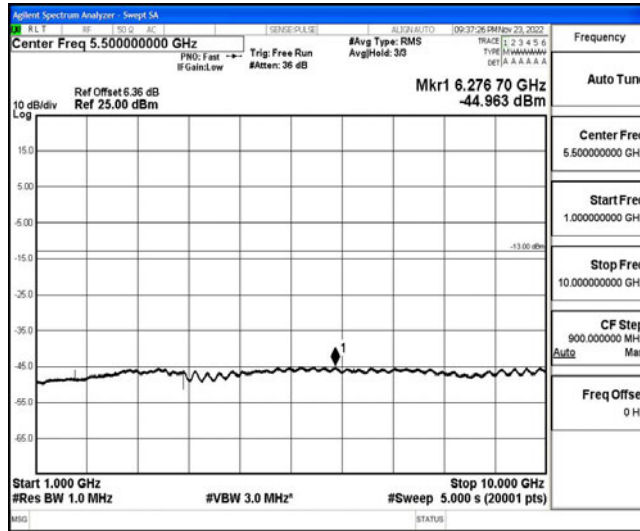


Band5-3MHz-QPSK-20635-1RB#0-Range3:30~1000MHz

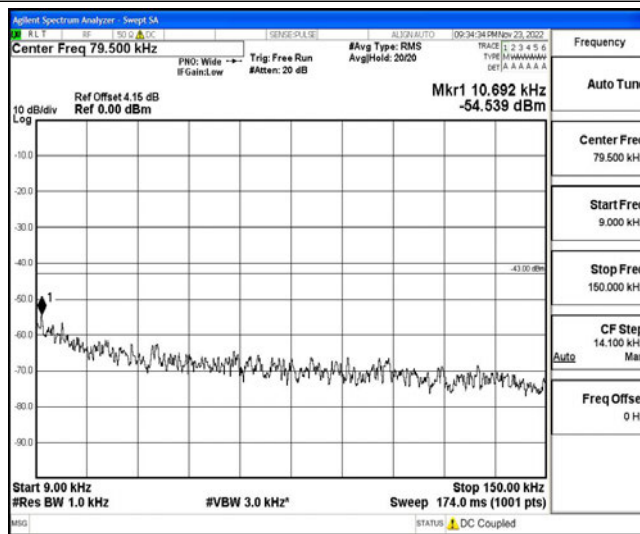




Band5-3MHz-QPSK-20635-1RB#0-Range4:1000~10000MHz

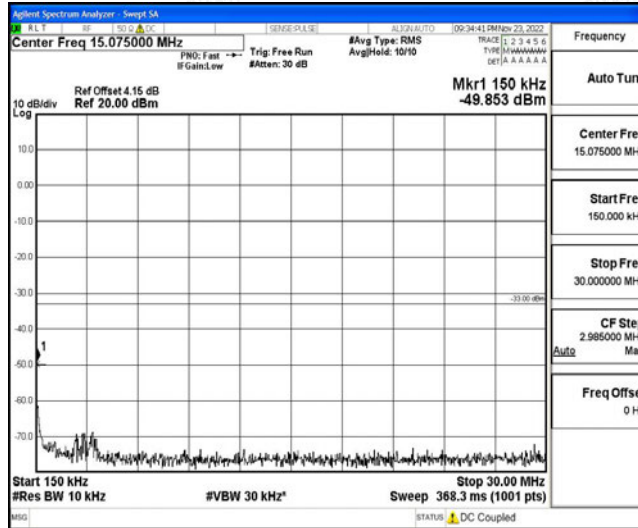


Band5-3MHz-16QAM-20415-1RB#0-Range1:0.009~0.15MHz

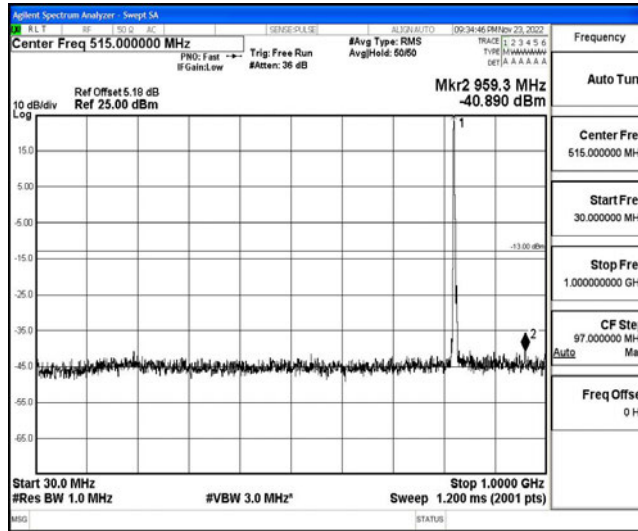


Band5-3MHz-16QAM-20415-1RB#0-Range2:0.15~30MHz

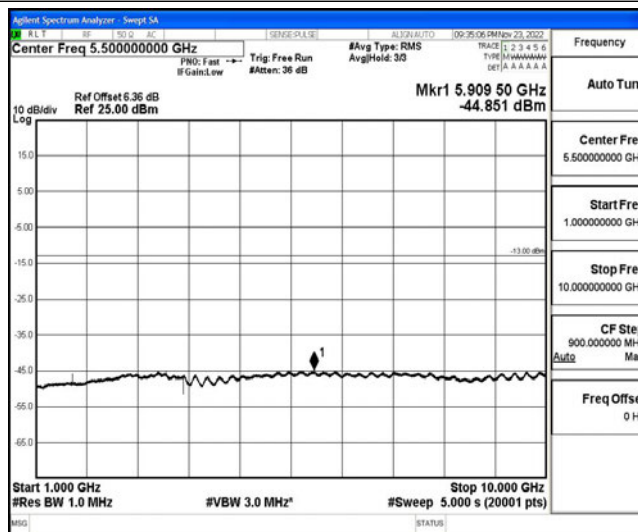




Band5-3MHz-16QAM-20415-1RB#0-Range3:30~1000MHz



Band5-3MHz-16QAM-20415-1RB#0-Range4:1000~10000MHz



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

