

Appendix Test Data

Report No.:	18220WC40069803	Test Sample No.:	1-2-2
Start Test Date:	2024.4.13	Finish Test Date:	2024.4.30
Test Engineer:	Hayman Chen	Auditor:	Justin Feng
Temperature:	24.3℃	Relative Humidity:	57 %
Pressure:	101 kPa		

Appendix A: Conducted Output Power

Test Result

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band4	1312	22.04	30.00	PASS
Band4	1413	22.97	30.00	PASS
Band4	1513	21.77	30.00	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band4	1312	1	21.94	30.00	PASS
Band4	1413	1	21.97	30.00	PASS
Band4	1513	1	20.88	30.00	PASS
Band4	1312	2	20.54	30.00	PASS
Band4	1413	2	20.58	30.00	PASS
Band4	1513	2	20.25	30.00	PASS
Band4	1312	3	20.47	30.00	PASS
Band4	1413	3	20.51	30.00	PASS
Band4	1513	3	20.28	30.00	PASS
Band4	1312	4	20.49	30.00	PASS
Band4	1413	4	20.53	30.00	PASS
Band4	1513	4	20.31	30.00	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band4	1312	1	20.95	30.00	PASS
Band4	1413	1	20.99	30.00	PASS
Band4	1513	1	21.17	30.00	PASS
Band4	1312	2	19.89	30.00	PASS
Band4	1413	2	19.59	30.00	PASS
Band4	1513	2	19.37	30.00	PASS

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Band4	1312	3	19.63	30.00	PASS
Band4	1413	3	20.07	30.00	PASS
Band4	1513	3	19.75	30.00	PASS
Band4	1312	4	20.05	30.00	PASS
Band4	1413	4	20.71	30.00	PASS
Band4	1513	4	20.89	30.00	PASS
Band4	1312	5	21.68	30.00	PASS
Band4	1413	5	21.19	30.00	PASS
Band4	1513	5	20.95	30.00	PASS

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Appendix B: Peak-to-Average Ratio

Test Result

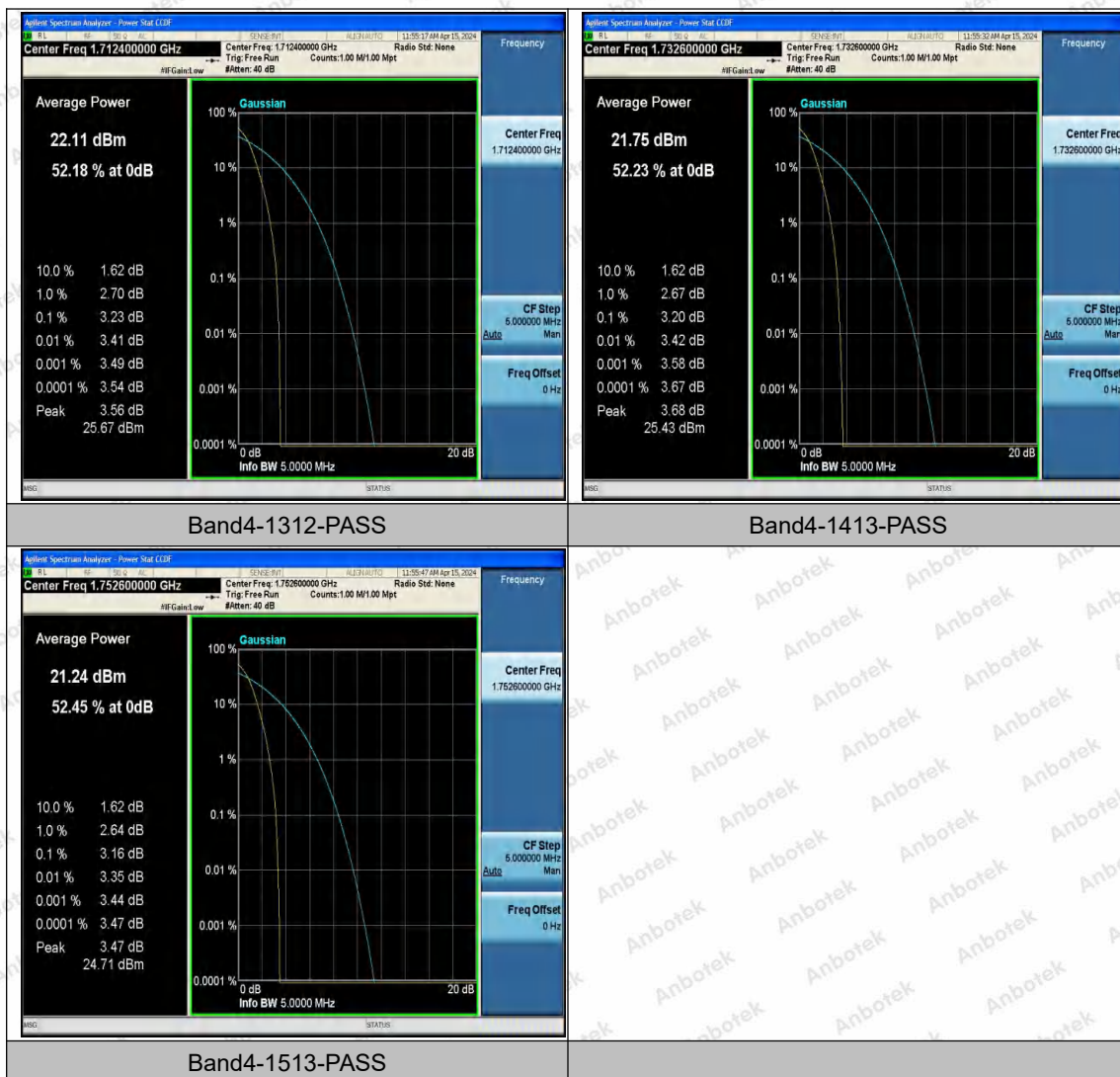
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1312	3.23	13	PASS
Band4	1413	3.2	13	PASS
Band4	1513	3.16	13	PASS

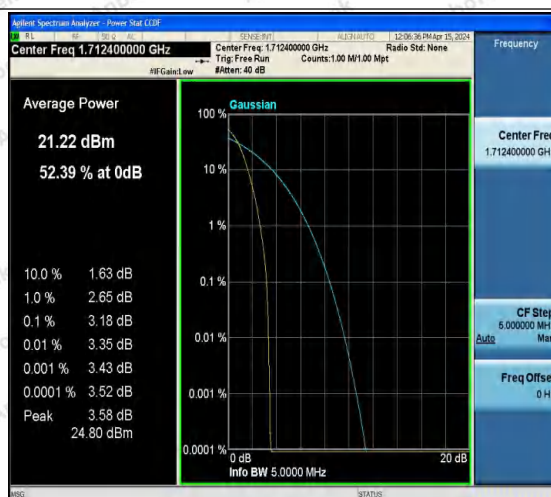
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1312	1	3.18	13	PASS
Band4	1413	1	3.13	13	PASS
Band4	1513	1	3.1	13	PASS
Band4	1312	2	3.46	13	PASS
Band4	1413	2	3.45	13	PASS
Band4	1513	2	3.47	13	PASS
Band4	1312	3	3.65	13	PASS
Band4	1413	3	3.65	13	PASS
Band4	1513	3	3.7	13	PASS
Band4	1312	4	3.7	13	PASS
Band4	1413	4	3.7	13	PASS
Band4	1513	4	3.73	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1312	1	4.4	13	PASS
Band4	1413	1	4.56	13	PASS
Band4	1513	1	4.4	13	PASS
Band4	1312	2	5.09	13	PASS
Band4	1413	2	5.02	13	PASS
Band4	1513	2	5.01	13	PASS
Band4	1312	3	5.31	13	PASS
Band4	1413	3	5.31	13	PASS
Band4	1513	3	5.28	13	PASS
Band4	1312	4	4.93	13	PASS
Band4	1413	4	4.77	13	PASS
Band4	1513	4	4.84	13	PASS
Band4	1312	5	4.25	13	PASS
Band4	1413	5	4.26	13	PASS
Band4	1513	5	4.21	13	PASS

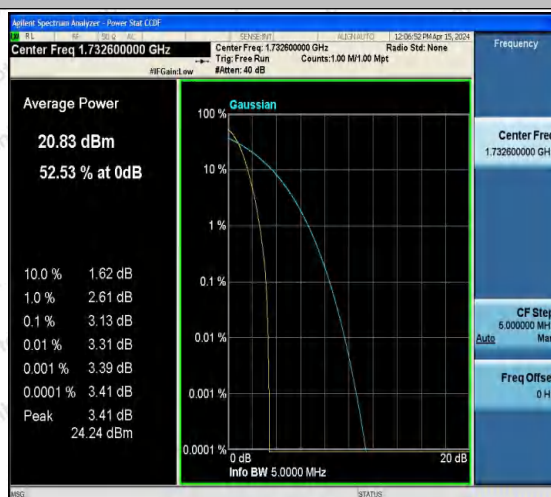


Test Graphs

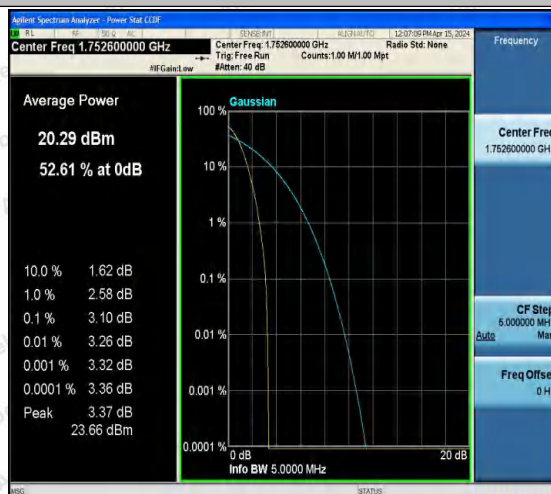




Band4-1312-1-PASS

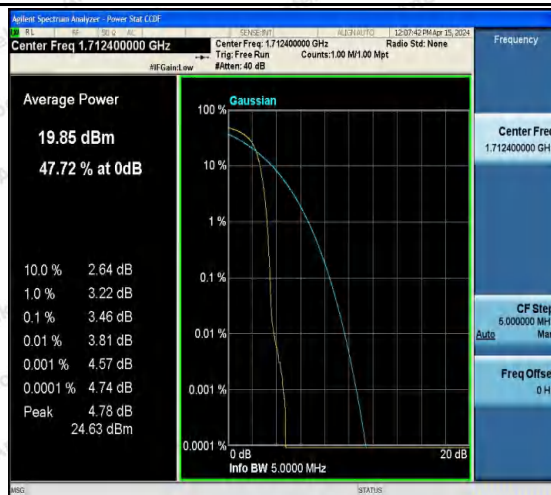


Band4-1413-1-PASS



Band4-1513-1-PASS

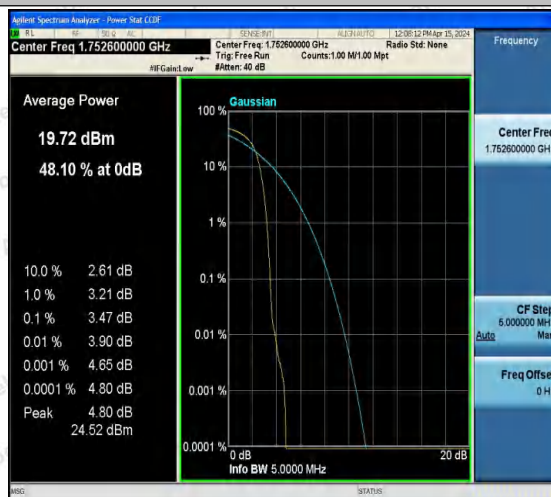




Band4-1312-2-PASS

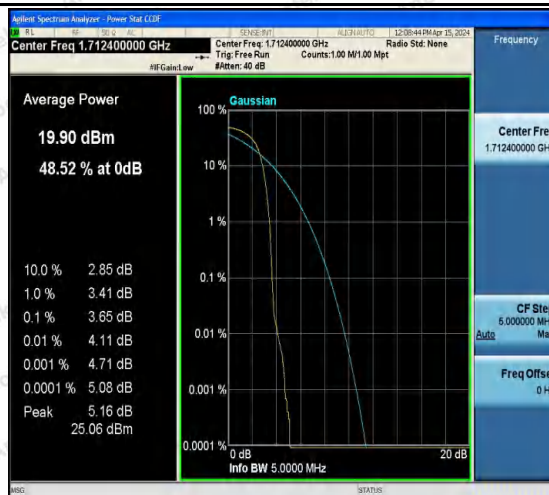


Band4-1413-2-PASS

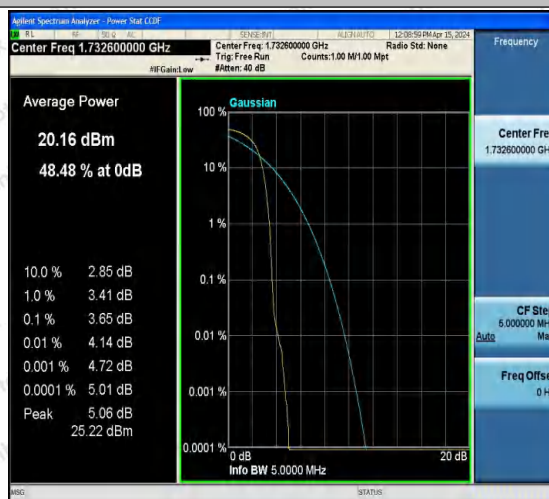


Band4-1513-2-PASS

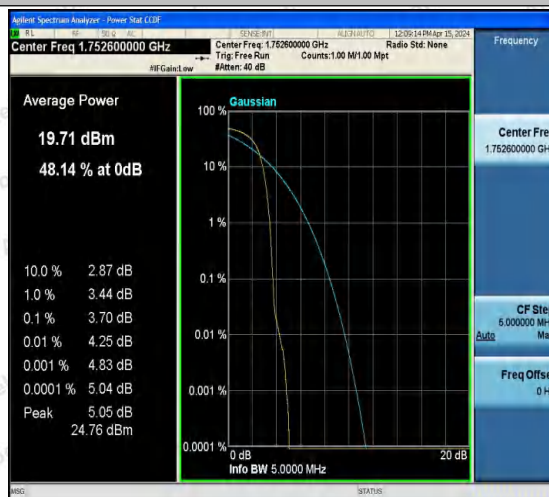




Band4-1312-3-PASS

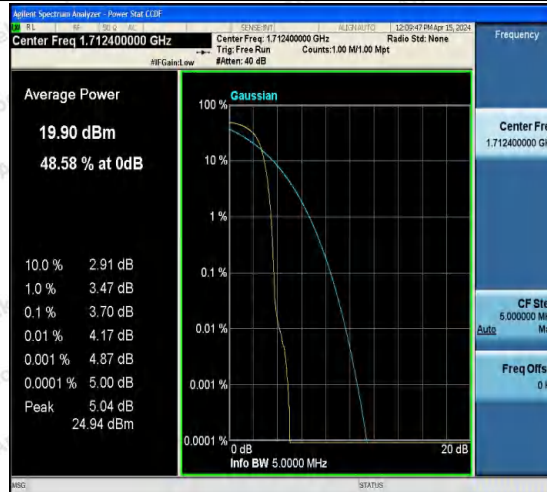


Band4-1413-3-PASS

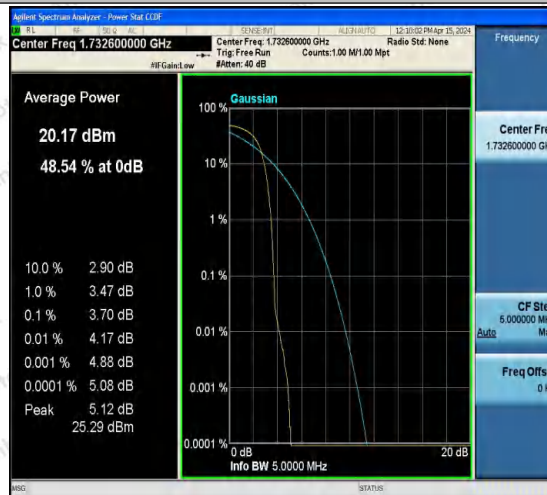


Band4-1513-3-PASS

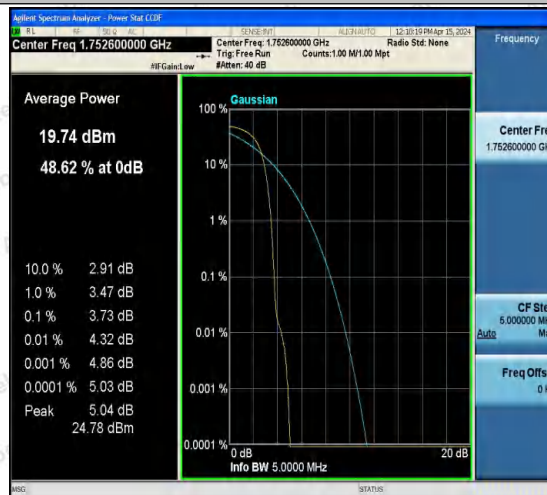




Band4-1312-4-PASS

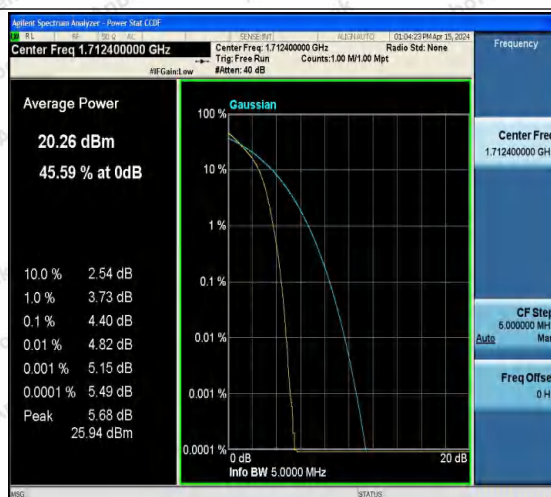


Band4-1413-4-PASS

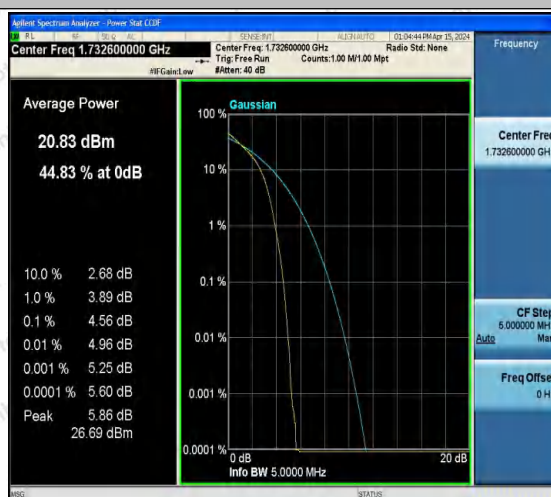


Band4-1513-4-PASS

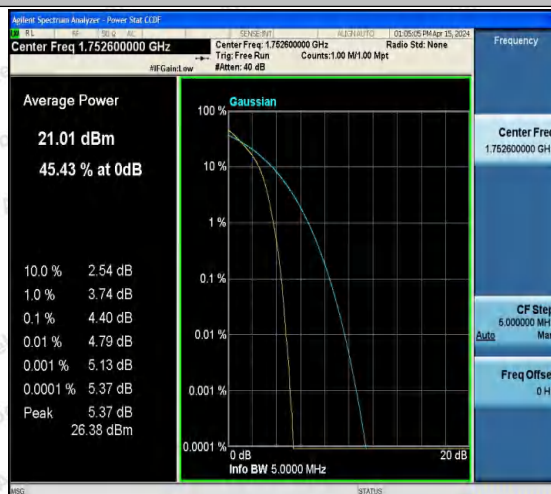




Band4-1312-1-PASS

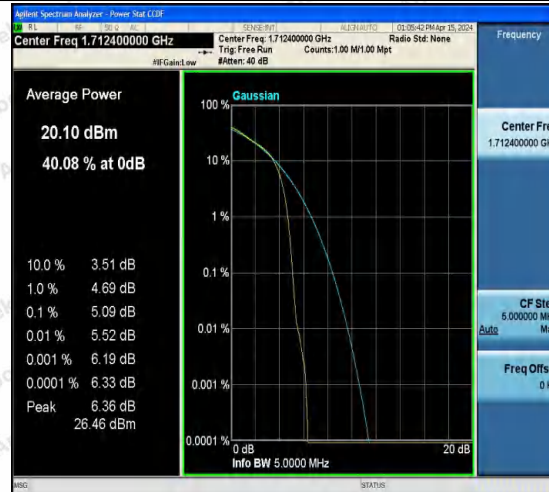


Band4-1413-1-PASS

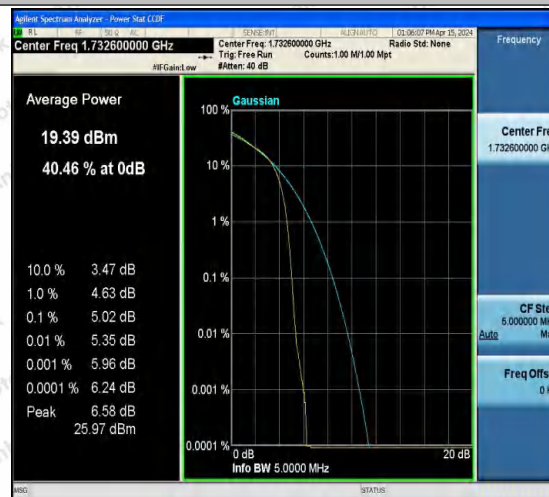


Band4-1513-1-PASS

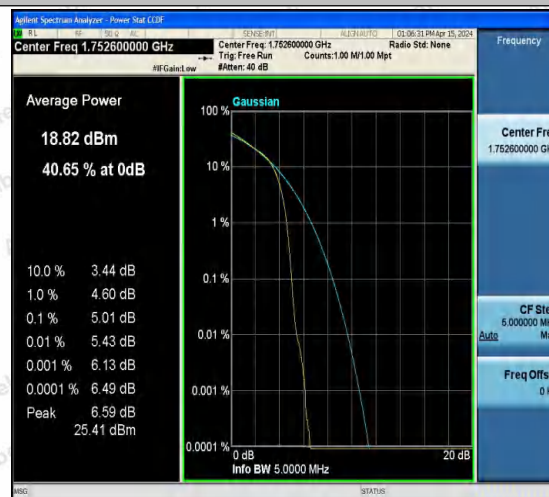




Band4-1312-2-PASS

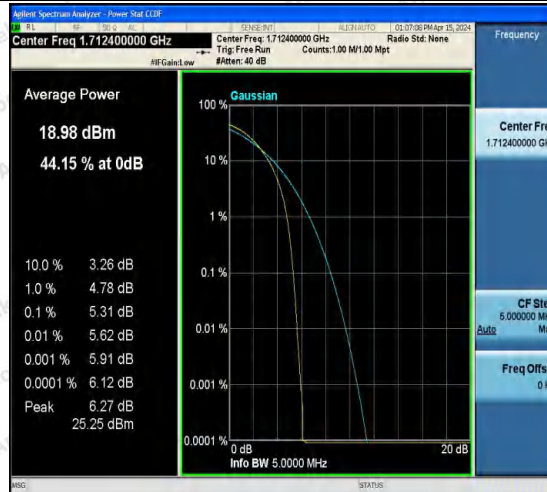


Band4-1413-2-PASS

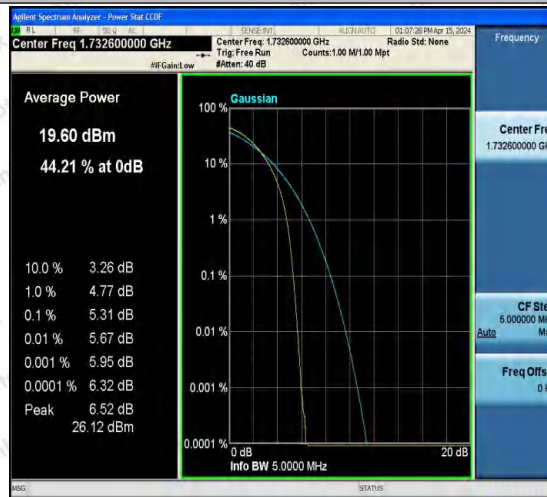


Band4-1513-2-PASS

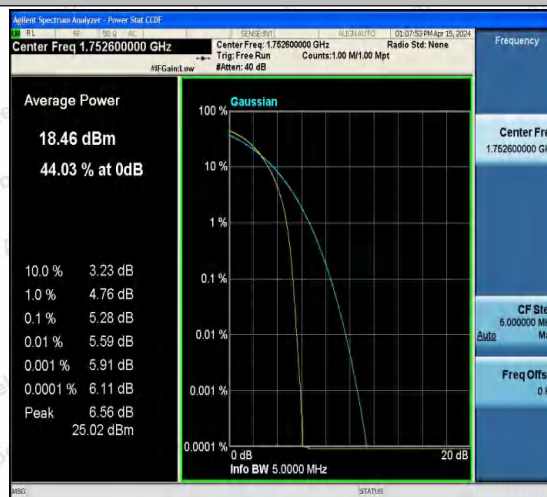




Band4-1312-3-PASS

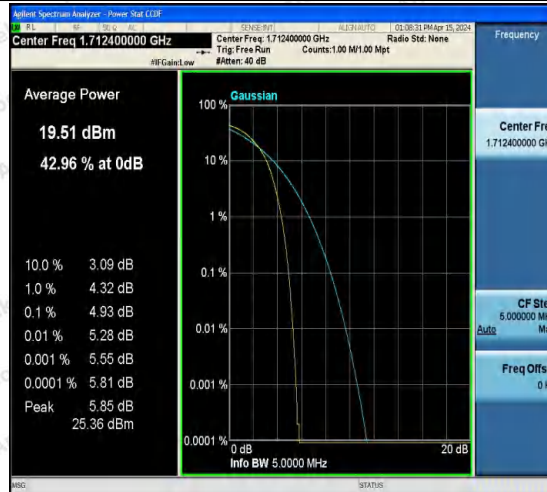


Band4-1413-3-PASS

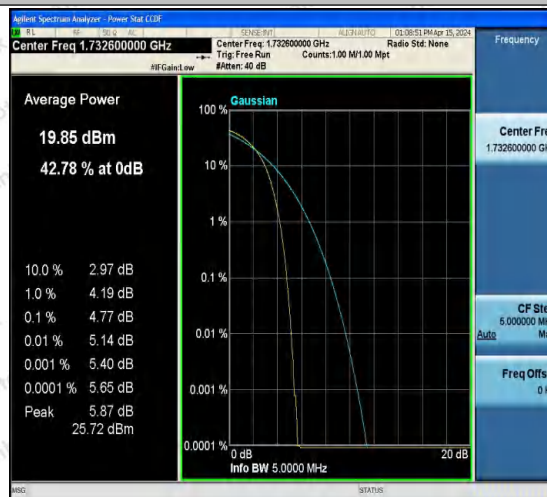


Band4-1513-3-PASS

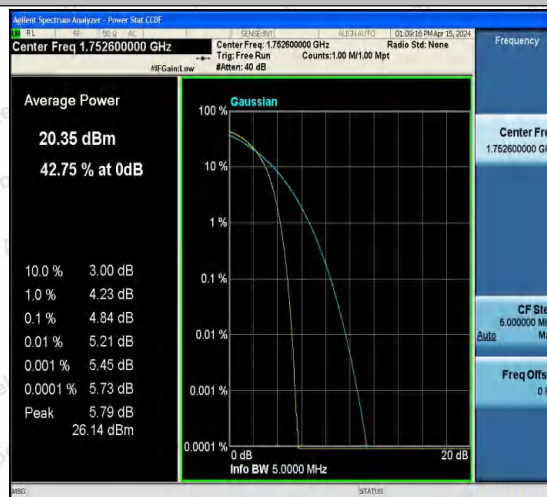




Band4-1312-4-PASS

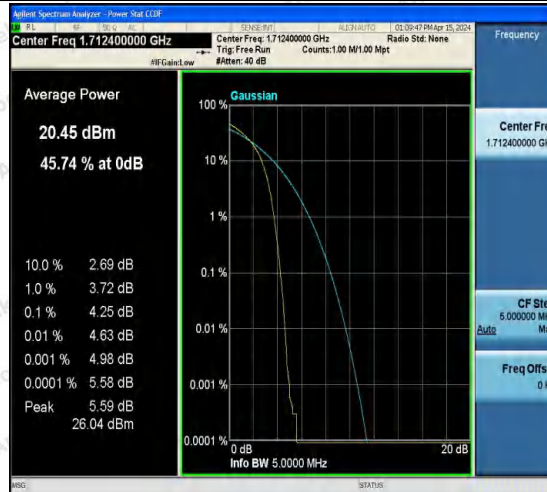


Band4-1413-4-PASS

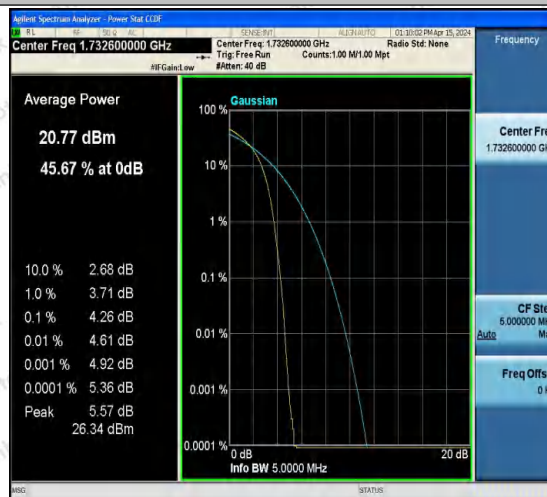


Band4-1513-4-PASS

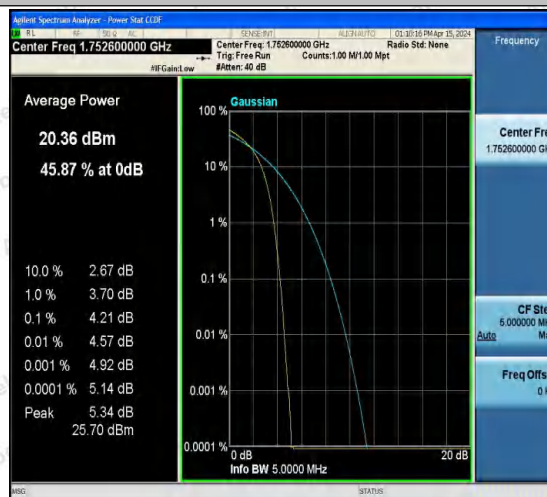




Band4-1312-5-PASS



Band4-1413-5-PASS



Band4-1513-5-PASS



Appendix C:26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band4	1312	4.1233	4.691	---	PASS
Band4	1413	4.1267	4.694	---	PASS
Band4	1513	4.1373	4.699	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band4	1312	1	4.1262	4.716	---	PASS
Band4	1413	1	4.1281	4.710	---	PASS
Band4	1513	1	4.1345	4.708	---	PASS
Band4	1312	2	4.1287	4.715	---	PASS
Band4	1413	2	4.1230	4.719	---	PASS
Band4	1513	2	4.1413	4.710	---	PASS
Band4	1312	3	4.1256	4.698	---	PASS
Band4	1413	3	4.1231	4.712	---	PASS
Band4	1513	3	4.1406	4.693	---	PASS
Band4	1312	4	4.1323	4.696	---	PASS
Band4	1413	4	4.1448	4.713	---	PASS
Band4	1513	4	4.1241	4.703	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band4	1312	1	4.1391	4.715	---	PASS
Band4	1413	1	4.1400	4.730	---	PASS
Band4	1513	1	4.1412	4.725	---	PASS
Band4	1312	2	4.1302	4.714	---	PASS
Band4	1413	2	4.1431	4.705	---	PASS
Band4	1513	2	4.1441	4.722	---	PASS
Band4	1312	3	4.1437	4.729	---	PASS
Band4	1413	3	4.1414	4.726	---	PASS
Band4	1513	3	4.1434	4.711	---	PASS
Band4	1312	4	4.1341	4.695	---	PASS
Band4	1413	4	4.1407	4.712	---	PASS

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Band4	1513	4	4.1455	4.719	---	PASS
Band4	1312	5	4.1243	4.706	---	PASS
Band4	1413	5	4.1294	4.714	---	PASS
Band4	1513	5	4.1421	4.715	---	PASS

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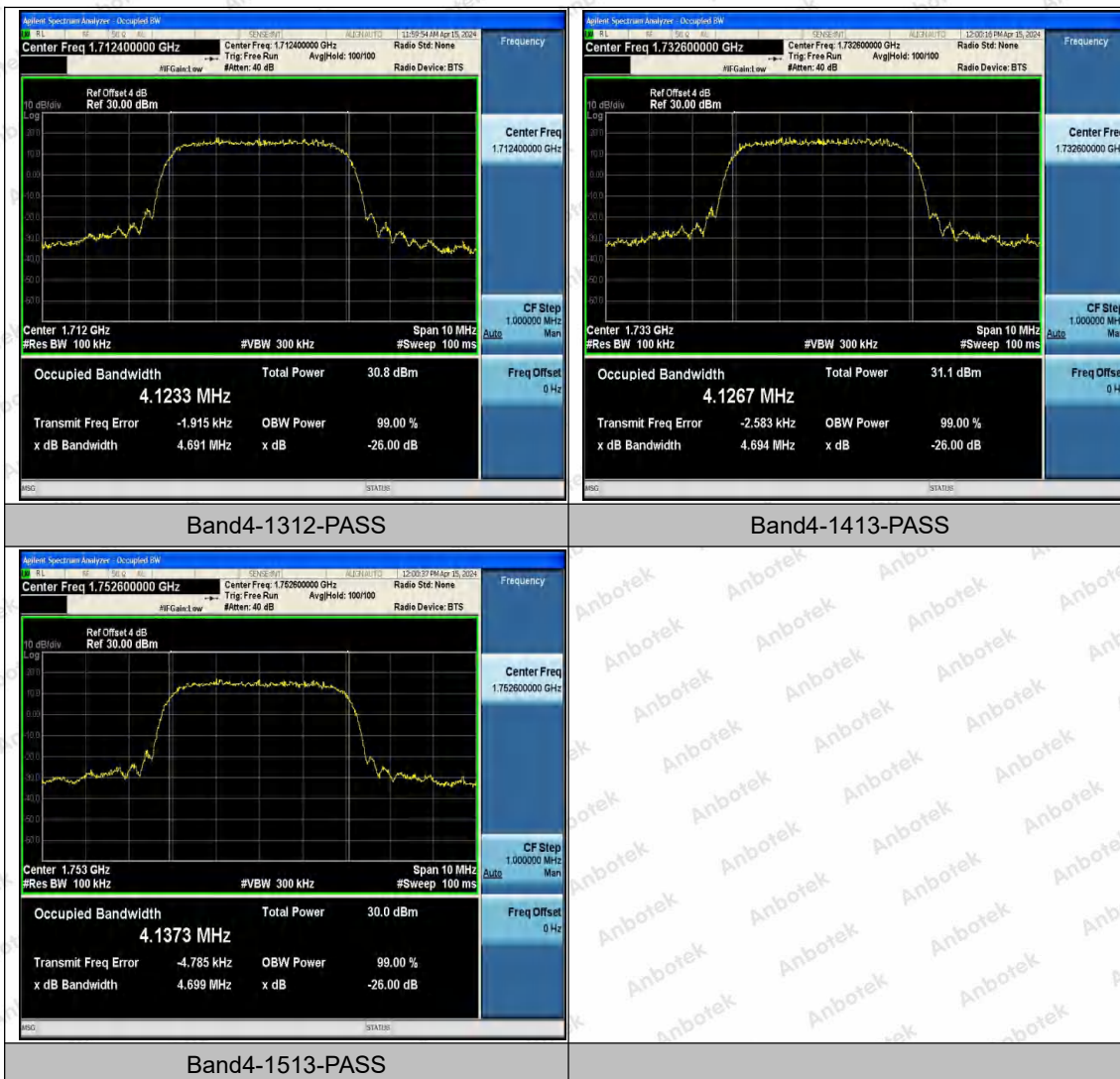
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Test Graphs

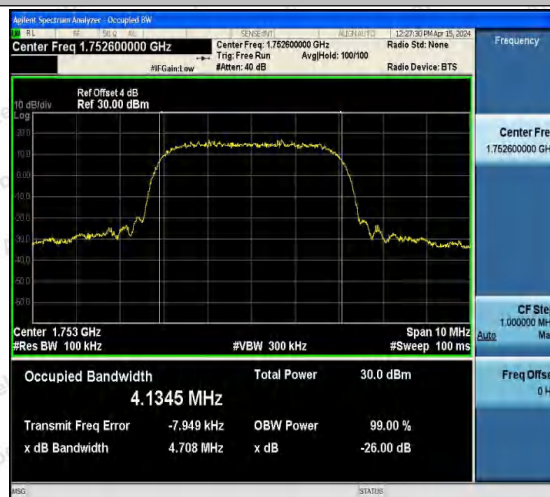




Band4-1312-1-PASS



Band4-1413-1-PASS



Band4-1513-1-PASS

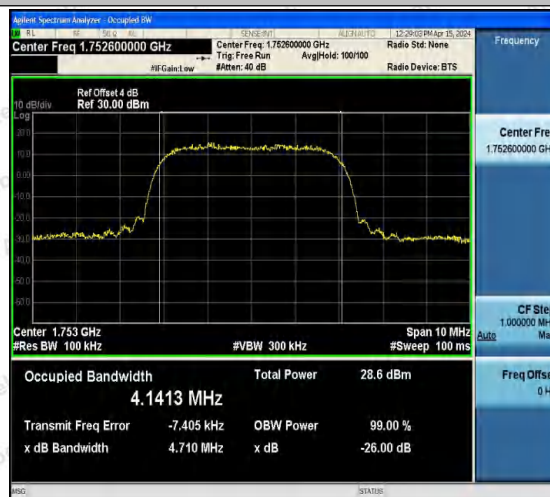




Band4-1312-2-PASS



Band4-1413-2-PASS



Band4-1513-2-PASS

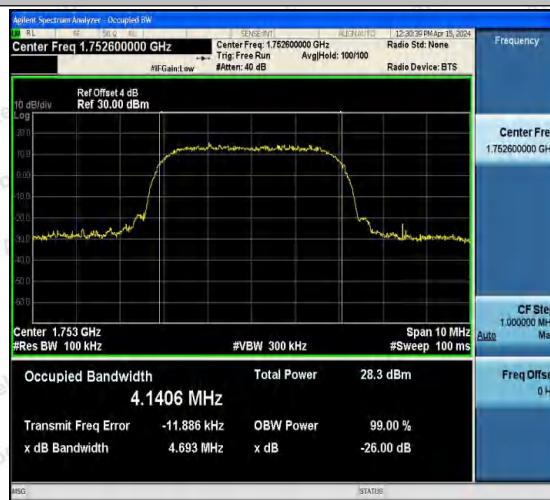




Band4-1312-3-PASS

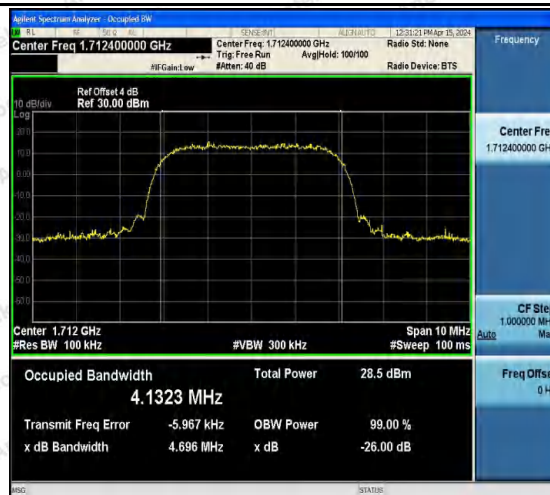


Band4-1413-3-PASS

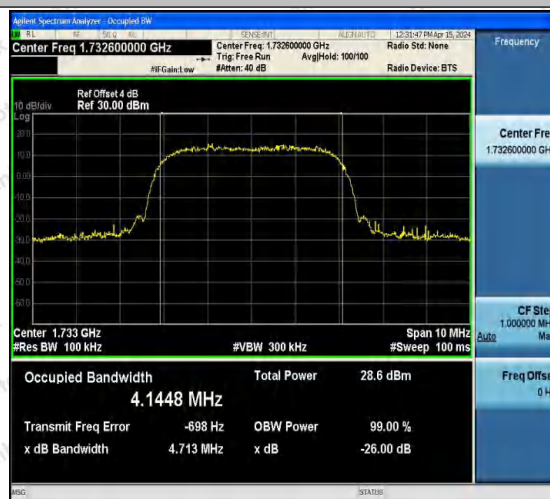


Band4-1513-3-PASS

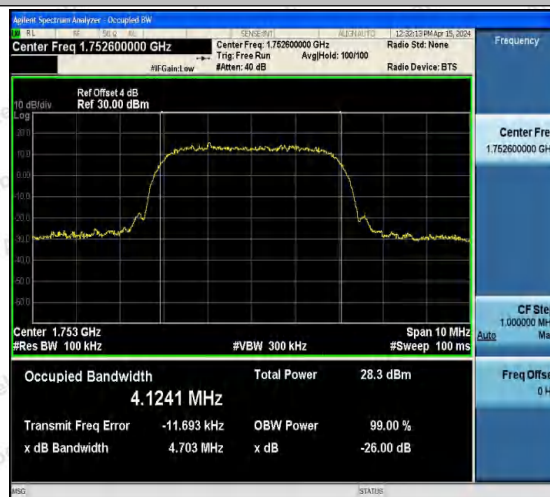




Band4-1312-4-PASS



Band4-1413-4-PASS

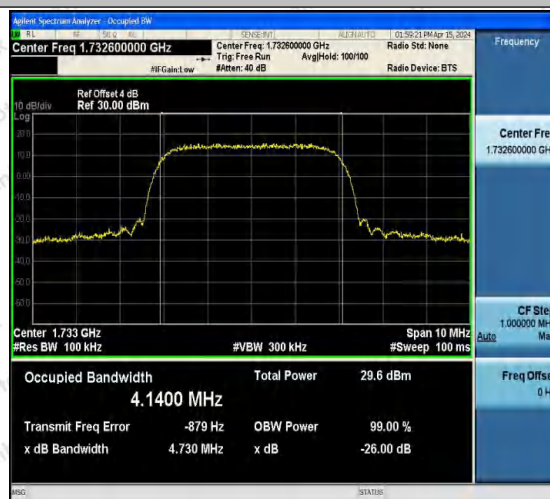


Band4-1513-4-PASS

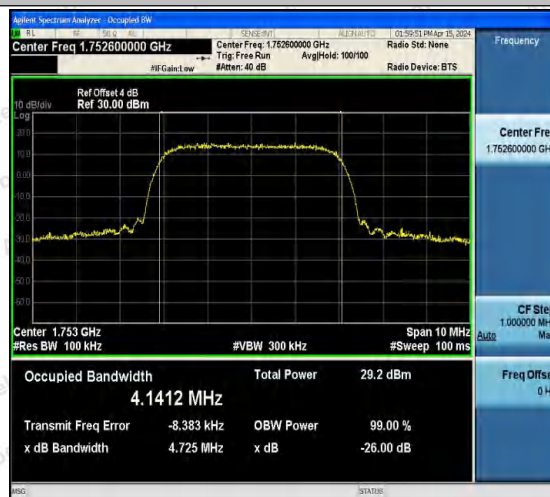




Band4-1312-1-PASS

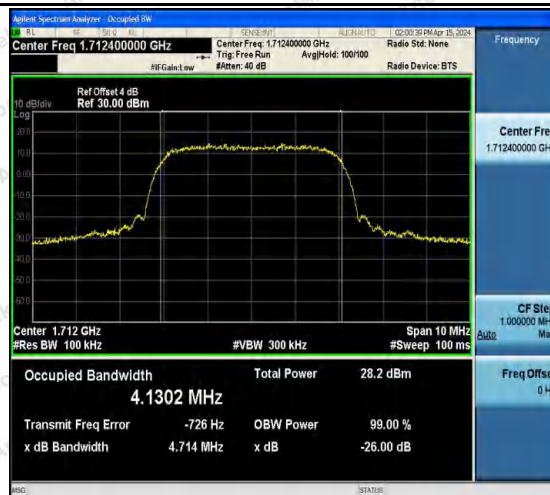


Band4-1413-1-PASS

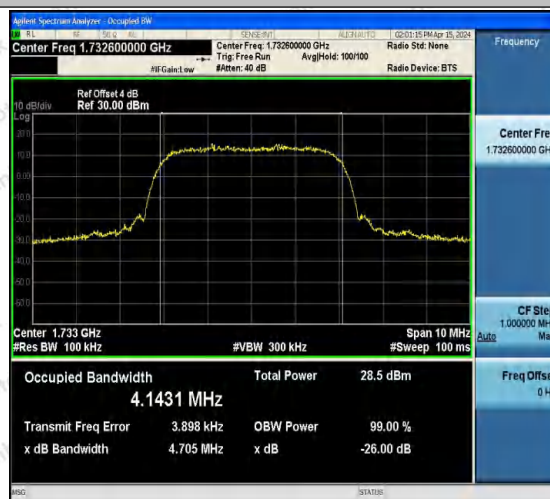


Band4-1513-1-PASS

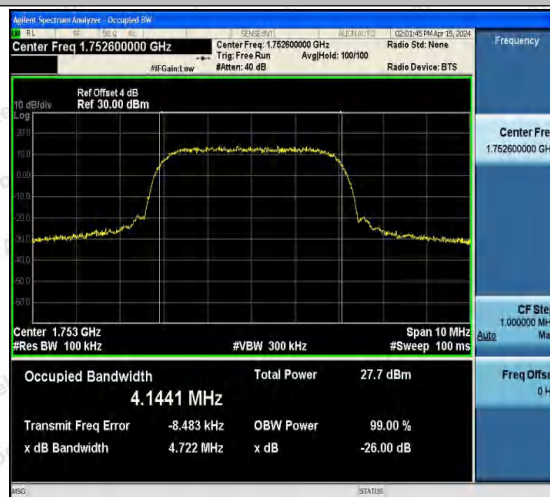




Band4-1312-2-PASS



Band4-1413-2-PASS



Band4-1513-2-PASS

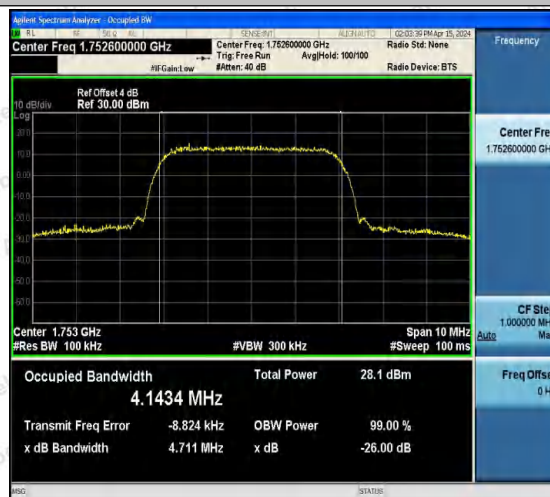




Band4-1312-3-PASS

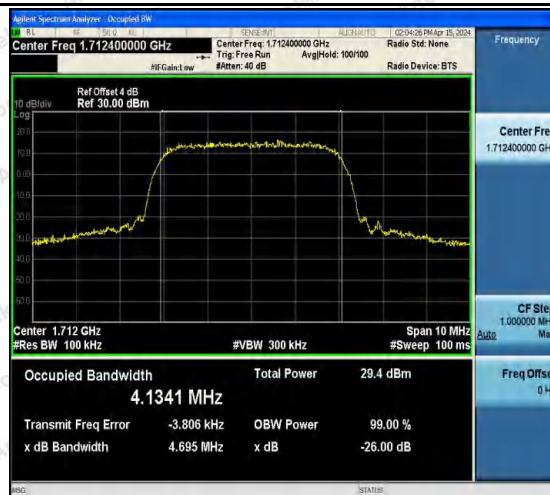


Band4-1413-3-PASS



Band4-1513-3-PASS





Band4-1312-4-PASS

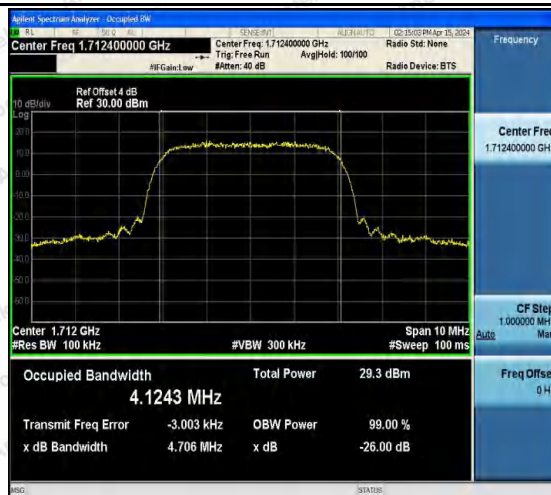


Band4-1413-4-PASS

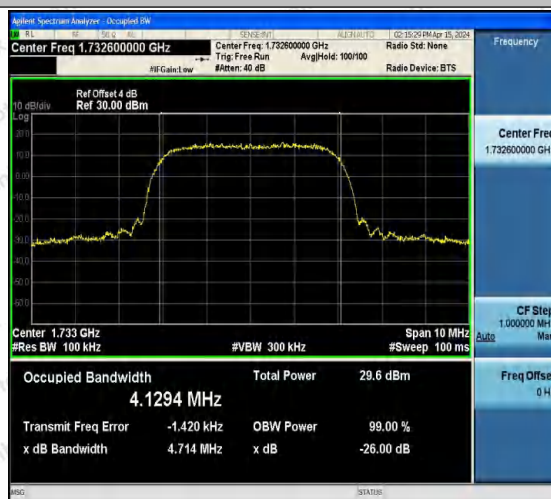


Band4-1513-4-PASS

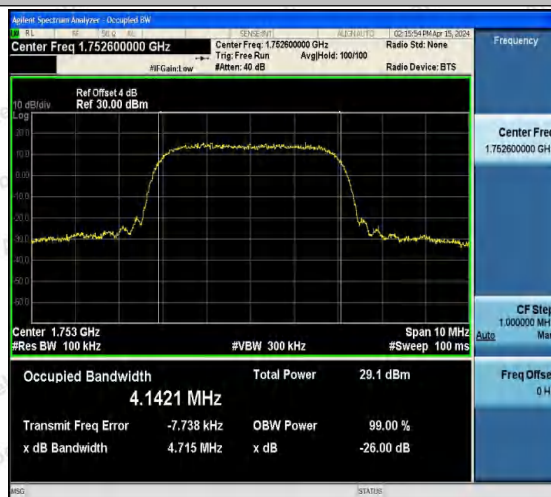




Band4-1312-5-PASS



Band4-1413-5-PASS



Band4-1513-5-PASS



Appendix D:Band Edge

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1710.00	-28.53	-13	PASS
Band4	1513	1755.00	-28.66	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1	1710.00	-28.81	-13	PASS
Band4	1513	1	1755.00	-29.59	-13	PASS
Band4	1312	2	1710.00	-29.82	-13	PASS
Band4	1513	2	1755.00	-30.95	-13	PASS
Band4	1312	3	1710.00	-30.14	-13	PASS
Band4	1513	3	1755.14	-30.43	-13	PASS
Band4	1312	4	1709.84	-30.12	-13	PASS
Band4	1513	4	1755.14	-29.94	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1	1710.00	-29.65	-13	PASS
Band4	1513	1	1755.00	-30.20	-13	PASS
Band4	1312	2	1710.00	-30.88	-13	PASS
Band4	1513	2	1755.17	-31.15	-13	PASS
Band4	1312	3	1710.00	-31.44	-13	PASS
Band4	1513	3	1755.00	-31.47	-13	PASS
Band4	1312	4	1710.00	-28.92	-13	PASS
Band4	1513	4	1755.00	-29.86	-13	PASS
Band4	1312	5	1710.00	-28.81	-13	PASS
Band4	1513	5	1755.00	-30.38	-13	PASS



Test Graphs





Band4-1312-1-PASS



Band4-1513-1-PASS



Band4-1312-2-PASS





Band4-1513-2-PASS



Band4-1312-3-PASS



Band4-1513-3-PASS





Band4-1312-4-PASS



Band4-1513-4-PASS





Band4-1312-1-PASS



Band4-1513-1-PASS



Band4-1312-2-PASS





Band4-1513-2-PASS



Band4-1312-3-PASS



Band4-1513-3-PASS





Band4-1312-4-PASS

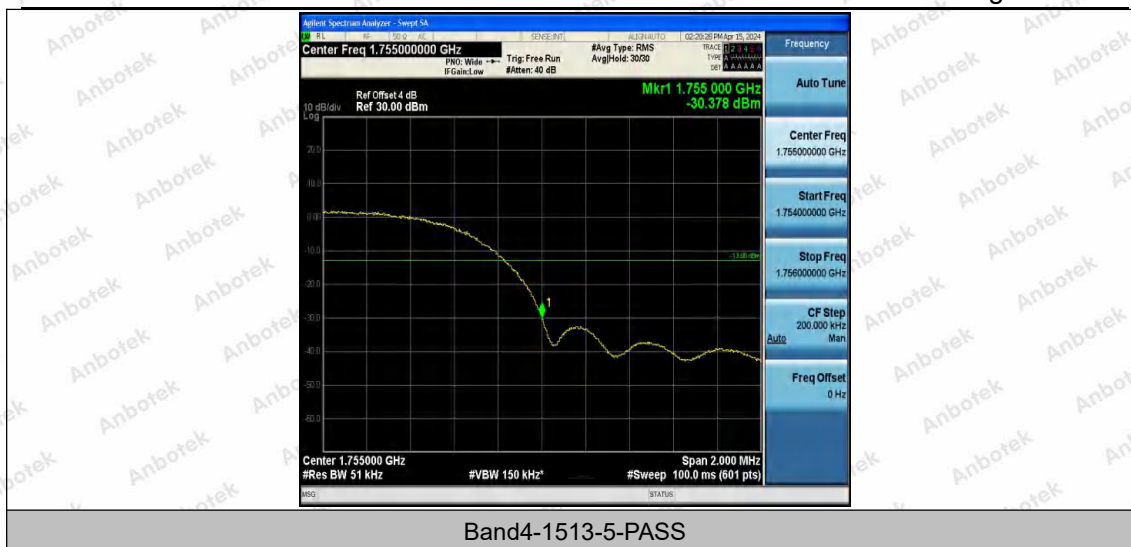


Band4-1513-4-PASS



Band4-1312-5-PASS





Band4-1513-5-PASS

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Appendix E: Conducted Spurious Emission

Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	0.009~0.15MHz	0.01	-47.98	-43	PASS
Band4	1312	0.15~30MHz	0.15	-53.41	-33	PASS
Band4	1312	30~1000MHz	803.58	-51.85	-13	PASS
Band4	1312	1000~20000MHz	19478.93	-41.92	-13	PASS
Band4	1413	0.009~0.15MHz	0.01	-47.47	-43	PASS
Band4	1413	0.15~30MHz	0.15	-55.23	-33	PASS
Band4	1413	30~1000MHz	933.56	-51.78	-13	PASS
Band4	1413	1000~20000MHz	19004.4	-41.92	-13	PASS
Band4	1513	0.009~0.15MHz	0.01	-46.13	-43	PASS
Band4	1513	0.15~30MHz	0.15	-55.05	-33	PASS
Band4	1513	30~1000MHz	870.02	-51.82	-13	PASS
Band4	1513	1000~20000MHz	19517.4	-42.26	-13	PASS

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	1	0.009~0.15MHz	0.02	-48.29	-43	PASS
Band4	1312	1	0.15~30MHz	0.15	-53.24	-33	PASS
Band4	1312	1	30~1000MHz	790	-51.67	-13	PASS
Band4	1312	1	1000~20000MHz	18791.6	-41.68	-13	PASS
Band4	1413	1	0.009~0.15MHz	0.01	-46.21	-43	PASS
Band4	1413	1	0.15~30MHz	0.15	-53.81	-33	PASS
Band4	1413	1	30~1000MHz	801.64	-51.73	-13	PASS
Band4	1413	1	1000~20000MHz	19523.58	-41.59	-13	PASS
Band4	1513	1	0.009~0.15MHz	0.01	-47.13	-43	PASS
Band4	1513	1	0.15~30MHz	0.15	-52.79	-33	PASS
Band4	1513	1	30~1000MHz	811.82	-51.61	-13	PASS
Band4	1513	1	1000~20000MHz	19905.48	-42	-13	PASS
Band4	1312	2	0.009~0.15MHz	0.01	-48.42	-43	PASS
Band4	1312	2	0.15~30MHz	0.15	-53.49	-33	PASS
Band4	1312	2	30~1000MHz	806.97	-51.62	-13	PASS
Band4	1312	2	1000~20000MHz	19472.28	-42.03	-13	PASS
Band4	1413	2	0.009~0.15MHz	0.01	-47.28	-43	PASS
Band4	1413	2	0.15~30MHz	0.15	-52.4	-33	PASS
Band4	1413	2	30~1000MHz	797.76	-51.79	-13	PASS
Band4	1413	2	1000~20000MHz	19525	-41.65	-13	PASS
Band4	1513	2	0.009~0.15MHz	0.01	-48.92	-43	PASS
Band4	1513	2	0.15~30MHz	0.15	-54.07	-33	PASS

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Band4	1513	2	30~1000MHz	914.16	-51.64	-13	PASS
Band4	1513	2	1000~20000MHz	18905.13	-41.68	-13	PASS
Band4	1312	3	0.009~0.15MHz	0.01	-45.86	-43	PASS
Band4	1312	3	0.15~30MHz	0.15	-54.6	-33	PASS
Band4	1312	3	30~1000MHz	903.97	-51.64	-13	PASS
Band4	1312	3	1000~20000MHz	19890.28	-41.75	-13	PASS
Band4	1413	3	0.009~0.15MHz	0.01	-46.51	-43	PASS
Band4	1413	3	0.15~30MHz	0.15	-53.77	-33	PASS
Band4	1413	3	30~1000MHz	915.61	-51.63	-13	PASS
Band4	1413	3	1000~20000MHz	19478.93	-41.54	-13	PASS
Band4	1513	3	0.009~0.15MHz	0.01	-48.72	-43	PASS
Band4	1513	3	0.15~30MHz	0.15	-55.82	-33	PASS
Band4	1513	3	30~1000MHz	798.24	-51.57	-13	PASS
Band4	1513	3	1000~20000MHz	19495.55	-41.52	-13	PASS
Band4	1312	4	0.009~0.15MHz	0.01	-47.89	-43	PASS
Band4	1312	4	0.15~30MHz	0.15	-55.73	-33	PASS
Band4	1312	4	30~1000MHz	894.76	-51.7	-13	PASS
Band4	1312	4	1000~20000MHz	19510.75	-41.57	-13	PASS
Band4	1413	4	0.009~0.15MHz	0.01	-47.37	-43	PASS
Band4	1413	4	0.15~30MHz	0.15	-53.64	-33	PASS
Band4	1413	4	30~1000MHz	880.69	-51.69	-13	PASS
Band4	1413	4	1000~20000MHz	19497.45	-41.39	-13	PASS
Band4	1513	4	0.009~0.15MHz	0.01	-47.82	-43	PASS
Band4	1513	4	0.15~30MHz	0.15	-55.01	-33	PASS
Band4	1513	4	30~1000MHz	802.61	-51.8	-13	PASS
Band4	1513	4	1000~20000MHz	19477.98	-41.68	-13	PASS

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	1	0.009~0.15MHz	0.01	-48.84	-43	PASS
Band4	1312	1	0.15~30MHz	0.15	-55.18	-33	PASS
Band4	1312	1	30~1000MHz	919.49	-51.8	-13	PASS
Band4	1312	1	1000~20000MHz	19526.43	-41.8	-13	PASS
Band4	1413	1	0.009~0.15MHz	0.01	-43.94	-43	PASS
Band4	1413	1	0.15~30MHz	0.15	-53.46	-33	PASS
Band4	1413	1	30~1000MHz	822.98	-51.76	-13	PASS
Band4	1413	1	1000~20000MHz	19543.53	-41.74	-13	PASS
Band4	1513	1	0.009~0.15MHz	0.01	-47.15	-43	PASS
Band4	1513	1	0.15~30MHz	0.15	-54.59	-33	PASS
Band4	1513	1	30~1000MHz	796.3	-51.63	-13	PASS
Band4	1513	1	1000~20000MHz	18752.18	-41.53	-13	PASS

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Band4	1312	2	0.009~0.15MHz	0.01	-50.16	-43	PASS
Band4	1312	2	0.15~30MHz	0.15	-54.41	-33	PASS
Band4	1312	2	30~1000MHz	923.86	-51.68	-13	PASS
Band4	1312	2	1000~20000MHz	19519.78	-41.79	-13	PASS
Band4	1413	2	0.009~0.15MHz	0.01	-46.46	-43	PASS
Band4	1413	2	0.15~30MHz	0.15	-55.79	-33	PASS
Band4	1413	2	30~1000MHz	794.36	-51.69	-13	PASS
Band4	1413	2	1000~20000MHz	18759.3	-41.69	-13	PASS
Band4	1513	2	0.009~0.15MHz	0.01	-47.32	-43	PASS
Band4	1513	2	0.15~30MHz	0.15	-53.31	-33	PASS
Band4	1513	2	30~1000MHz	887.97	-51.62	-13	PASS
Band4	1513	2	1000~20000MHz	19507.43	-41.78	-13	PASS
Band4	1312	3	0.009~0.15MHz	0.01	-47.16	-43	PASS
Band4	1312	3	0.15~30MHz	0.15	-55.9	-33	PASS
Band4	1312	3	30~1000MHz	930.65	-51.79	-13	PASS
Band4	1312	3	1000~20000MHz	18727.48	-41.77	-13	PASS
Band4	1413	3	0.009~0.15MHz	0.01	-45.93	-43	PASS
Band4	1413	3	0.15~30MHz	0.15	-53.89	-33	PASS
Band4	1413	3	30~1000MHz	887.97	-51.75	-13	PASS
Band4	1413	3	1000~20000MHz	19536.4	-41.45	-13	PASS
Band4	1513	3	0.009~0.15MHz	0.01	-47.05	-43	PASS
Band4	1513	3	0.15~30MHz	0.15	-54.43	-33	PASS
Band4	1513	3	30~1000MHz	918.04	-51.76	-13	PASS
Band4	1513	3	1000~20000MHz	18879.48	-41.99	-13	PASS
Band4	1312	4	0.009~0.15MHz	0.01	-46.98	-43	PASS
Band4	1312	4	0.15~30MHz	0.15	-53.72	-33	PASS
Band4	1312	4	30~1000MHz	913.19	-51.72	-13	PASS
Band4	1312	4	1000~20000MHz	19492.7	-41.86	-13	PASS
Band4	1413	4	0.009~0.15MHz	0.01	-45.59	-43	PASS
Band4	1413	4	0.15~30MHz	0.15	-51.66	-33	PASS
Band4	1413	4	30~1000MHz	787.09	-51.78	-13	PASS
Band4	1413	4	1000~20000MHz	19024.83	-41.48	-13	PASS
Band4	1513	4	0.009~0.15MHz	0.01	-47.4	-43	PASS
Band4	1513	4	0.15~30MHz	0.18	-55.84	-33	PASS
Band4	1513	4	30~1000MHz	791.94	-51.78	-13	PASS
Band4	1513	4	1000~20000MHz	19532.13	-40.8	-13	PASS
Band4	1312	5	0.009~0.15MHz	0.01	-46.93	-43	PASS
Band4	1312	5	0.15~30MHz	0.15	-53.76	-33	PASS
Band4	1312	5	30~1000MHz	783.69	-51.66	-13	PASS
Band4	1312	5	1000~20000MHz	18751.7	-41.65	-13	PASS
Band4	1413	5	0.009~0.15MHz	0.01	-48.56	-43	PASS
Band4	1413	5	0.15~30MHz	0.15	-53.89	-33	PASS

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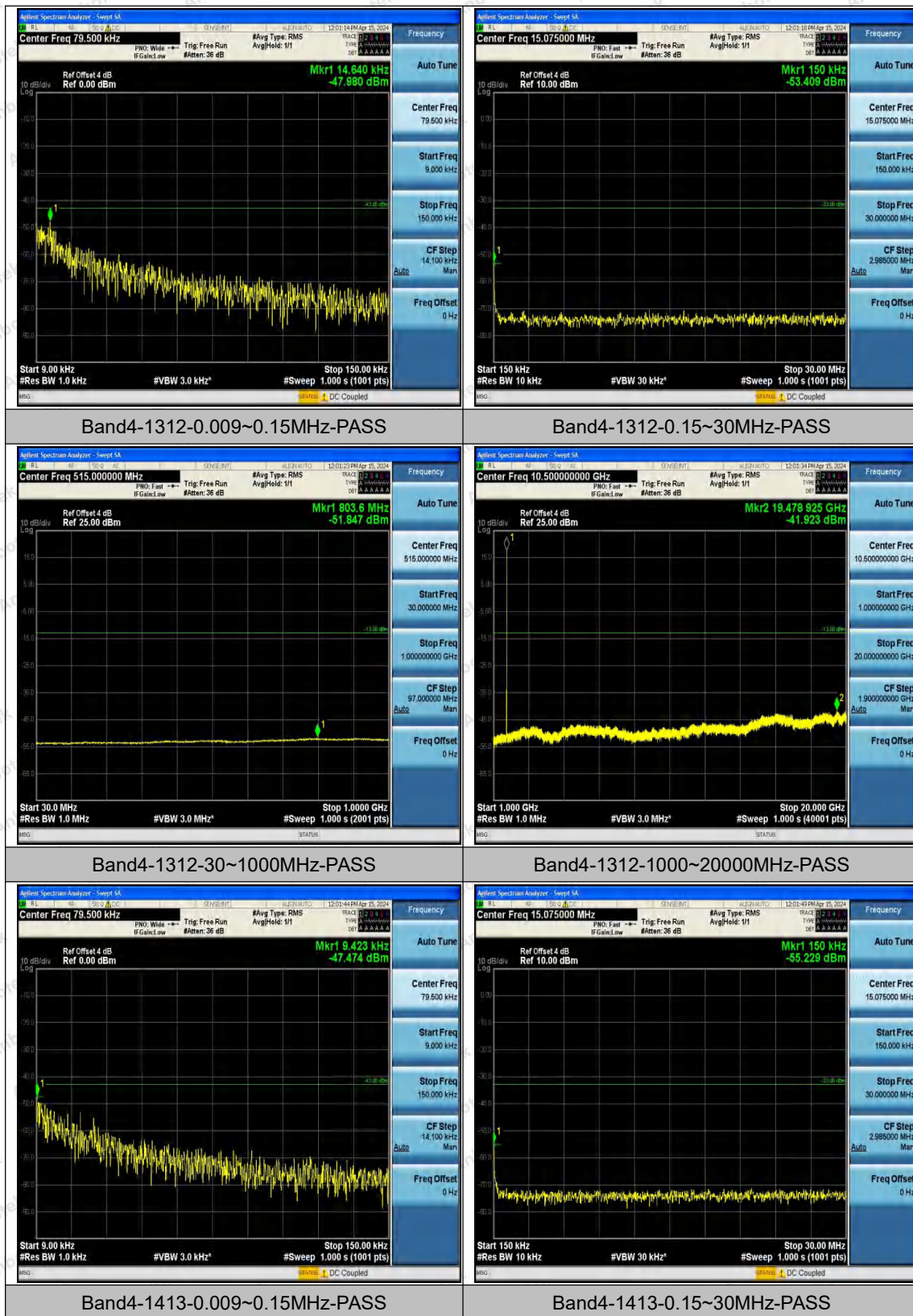
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Band4	1413	5	30~1000MHz	918.04	-51.8	-13	PASS
Band4	1413	5	1000~20000MHz	19477.5	-41.39	-13	PASS
Band4	1513	5	0.009~0.15MHz	0.01	-46.36	-43	PASS
Band4	1513	5	0.15~30MHz	0.15	-53.87	-33	PASS
Band4	1513	5	30~1000MHz	785.15	-51.73	-13	PASS
Band4	1513	5	1000~20000MHz	19497.93	-41.65	-13	PASS



Test Graphs



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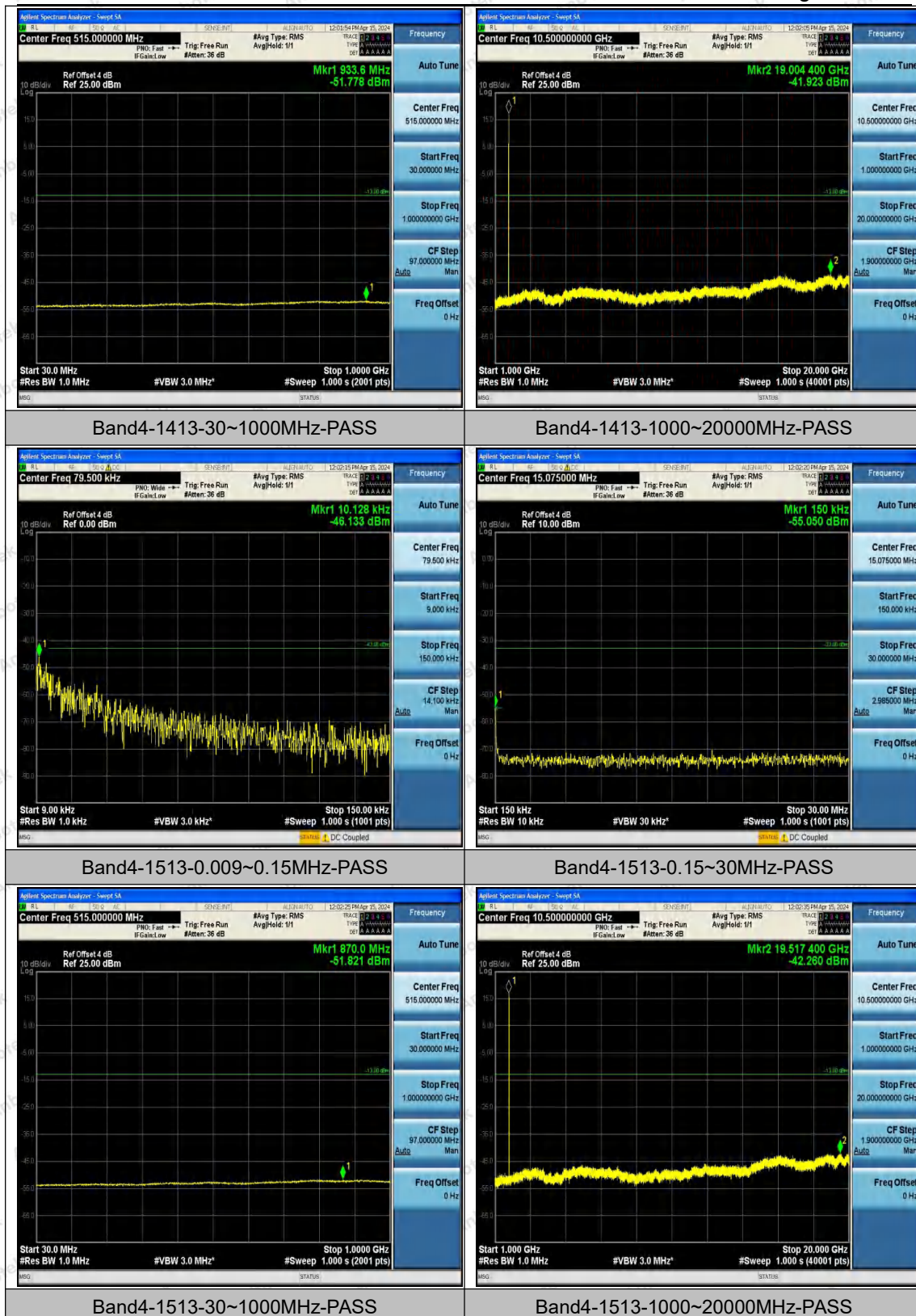


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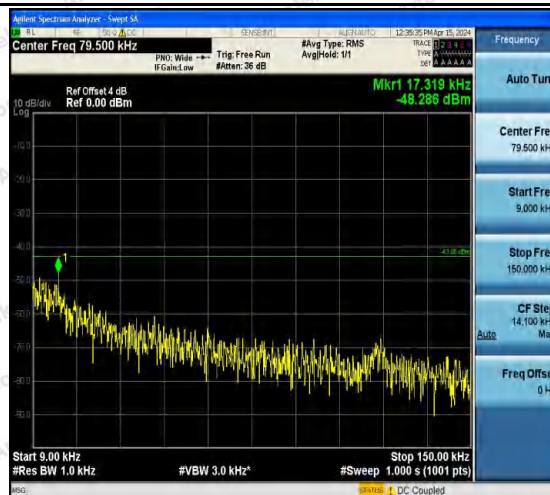
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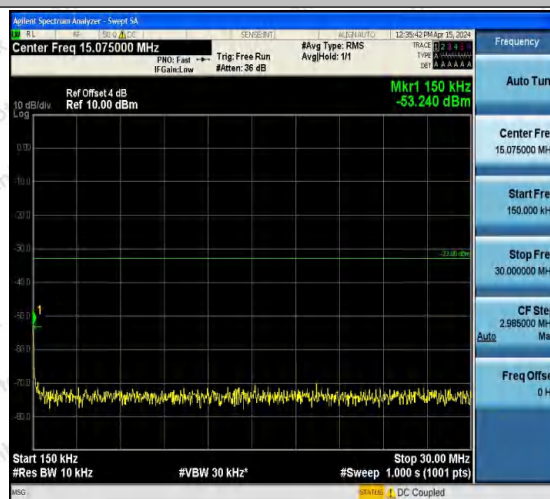


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Band4-1312-1-0.009~0.15MHz-PASS



Band4-1312-1-0.15~30MHz-PASS

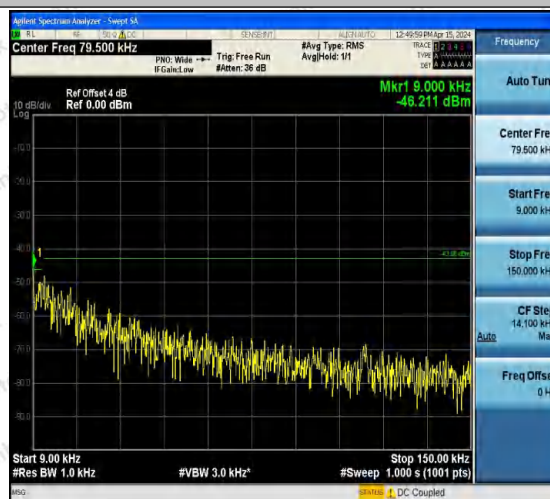


Band4-1312-1-30~1000MHz-PASS

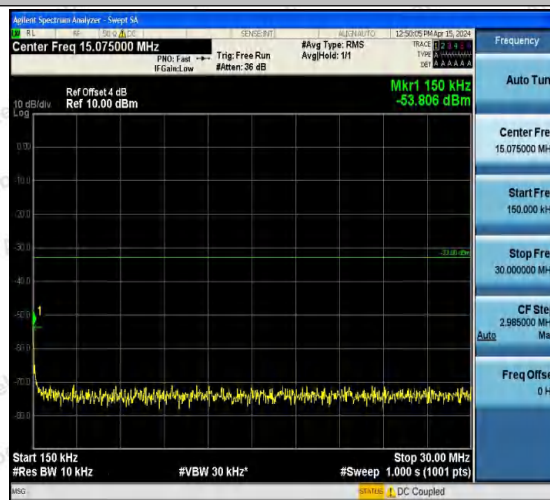




Band4-1312-1-1000~20000MHz-PASS



Band4-1413-1-0.009~0.15MHz-PASS



Band4-1413-1-0.15~30MHz-PASS

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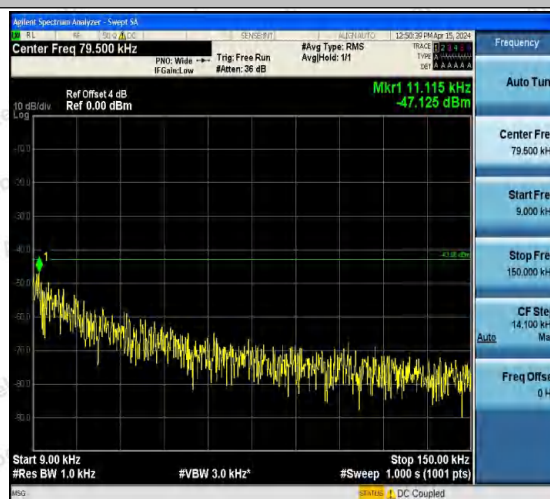




Band4-1413-1-30~1000MHz-PASS

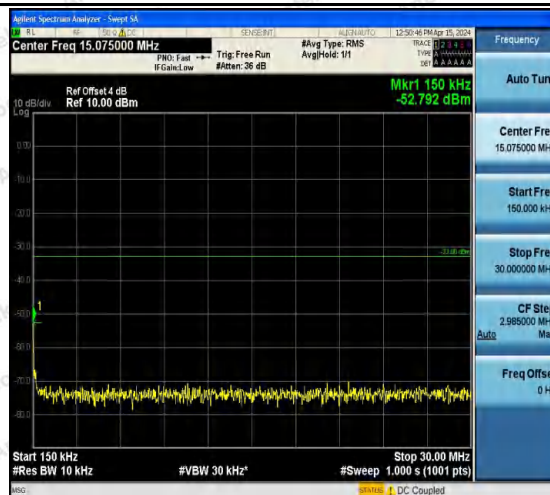


Band4-1413-1-1000~20000MHz-PASS



Band4-1513-1-0.009~0.15MHz-PASS





Band4-1513-1-0.15~30MHz-PASS

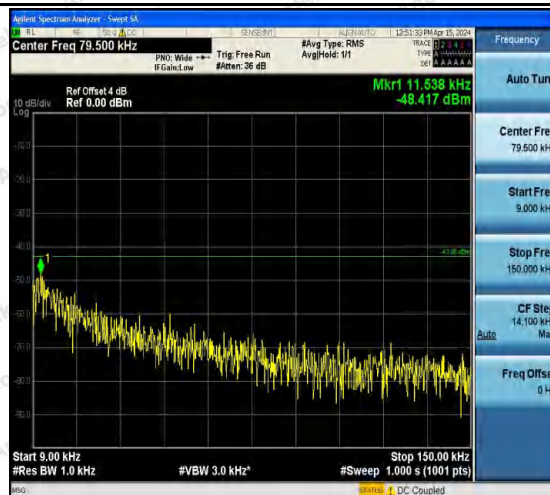


Band4-1513-1-30~1000MHz-PASS

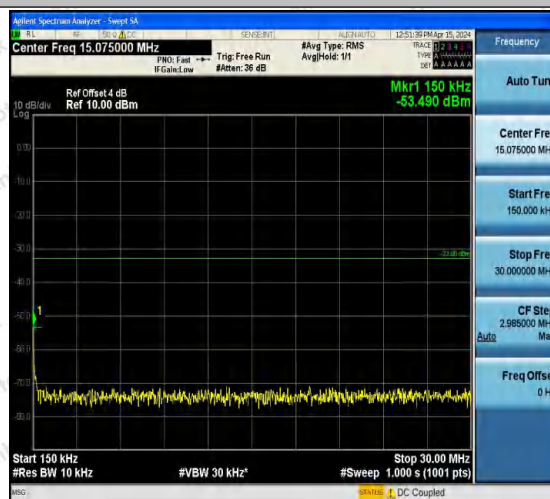


Band4-1513-1-1000~20000MHz-PASS





Band4-1312-2-0.009~0.15MHz-PASS



Band4-1312-2-0.15~30MHz-PASS



Band4-1312-2-30~1000MHz-PASS

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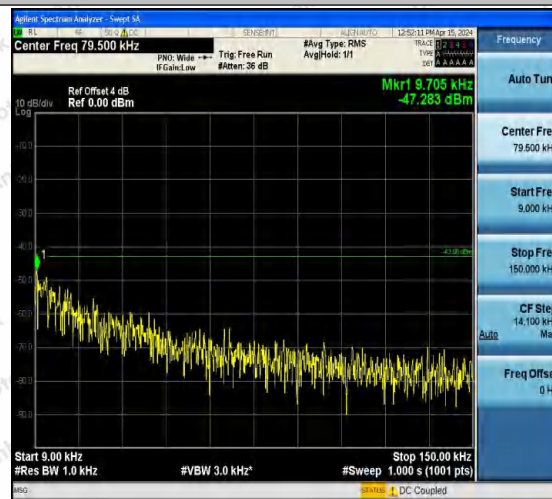


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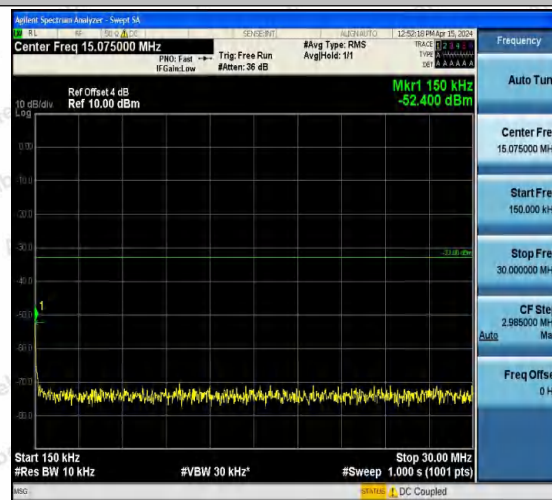




Band4-1312-2-1000~20000MHz-PASS



Band4-1413-2-0.009~0.15MHz-PASS



Band4-1413-2-0.15~30MHz-PASS

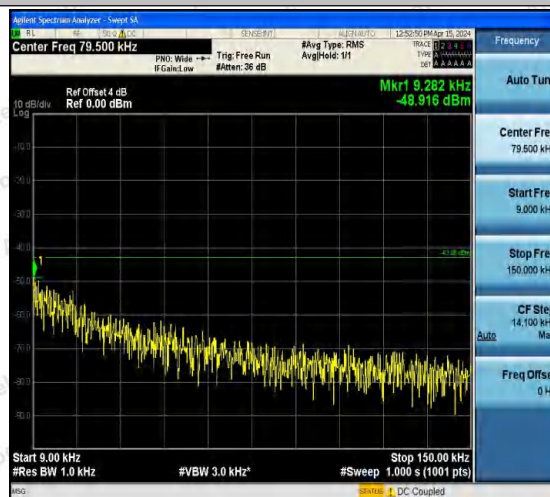




Band4-1413-2-30~1000MHz-PASS

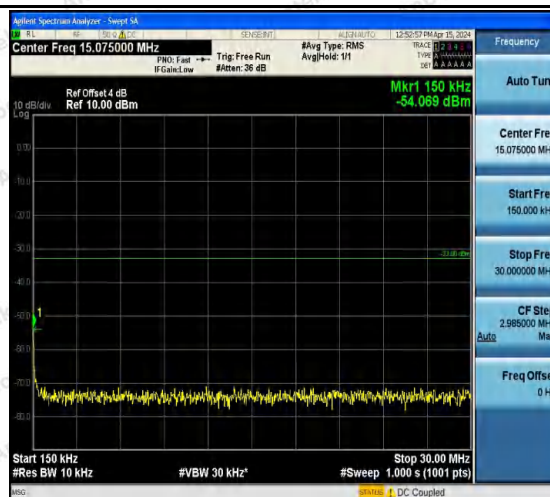


Band4-1413-2-1000~20000MHz-PASS



Band4-1513-2-0.009~0.15MHz-PASS





Band4-1513-2-0.15~30MHz-PASS

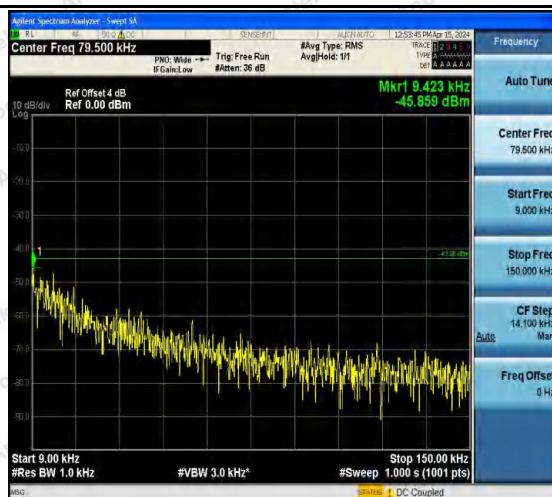


Band4-1513-2-30~1000MHz-PASS

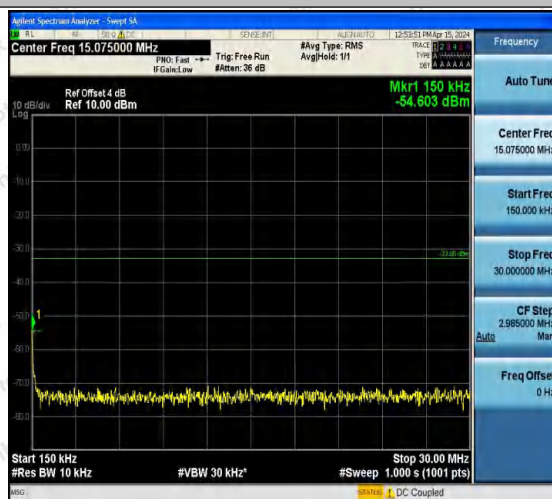


Band4-1513-2-1000~20000MHz-PASS





Band4-1312-3-0.009~0.15MHz-PASS



Band4-1312-3-0.15~30MHz-PASS



Band4-1312-3-30~1000MHz-PASS

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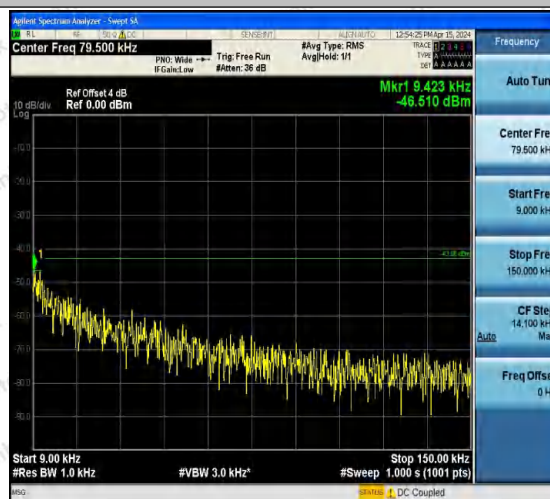


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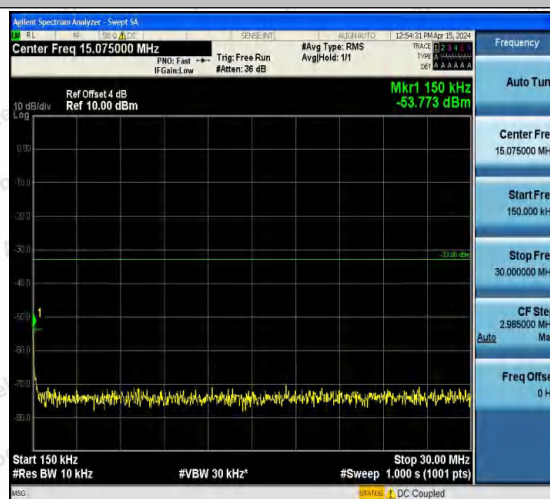




Band4-1312-3-1000~20000MHz-PASS



Band4-1413-3-0.009~0.15MHz-PASS



Band4-1413-3-0.15~30MHz-PASS

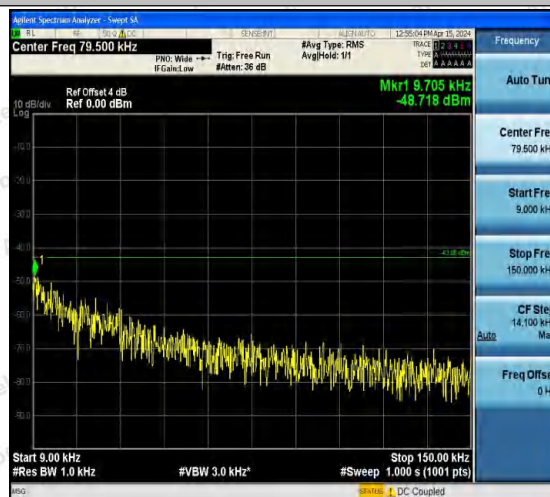




Band4-1413-3-30~1000MHz-PASS

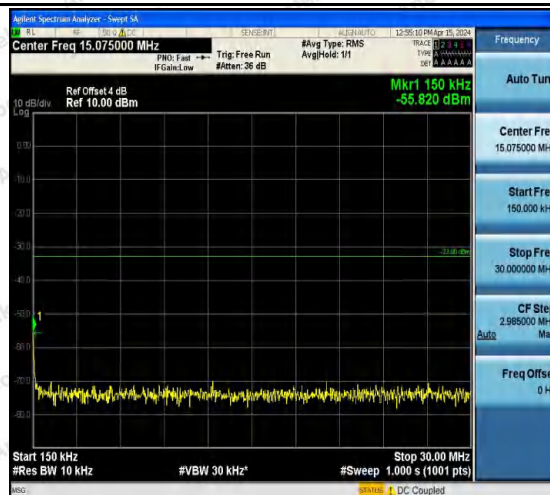


Band4-1413-3-1000~20000MHz-PASS



Band4-1513-3-0.009~0.15MHz-PASS





Band4-1513-3-0.15~30MHz-PASS

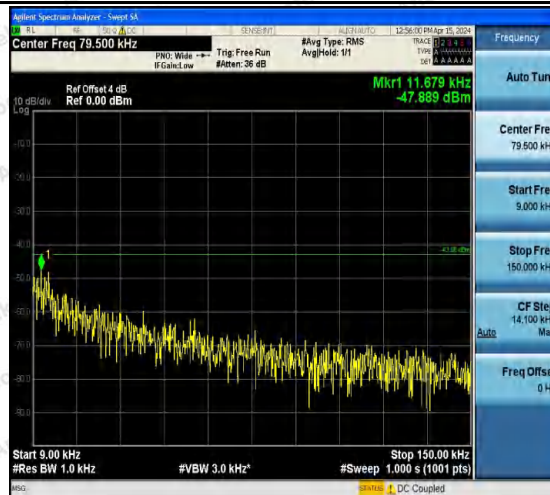


Band4-1513-3-30~1000MHz-PASS

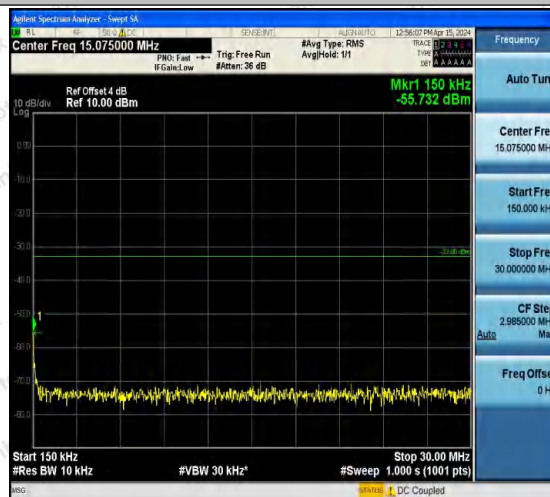


Band4-1513-3-1000~20000MHz-PASS





Band4-1312-4-0.009~0.15MHz-PASS



Band4-1312-4-0.15~30MHz-PASS

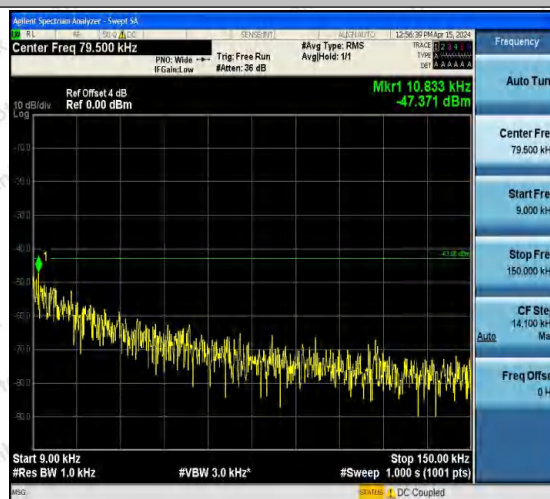


Band4-1312-4-30~1000MHz-PASS

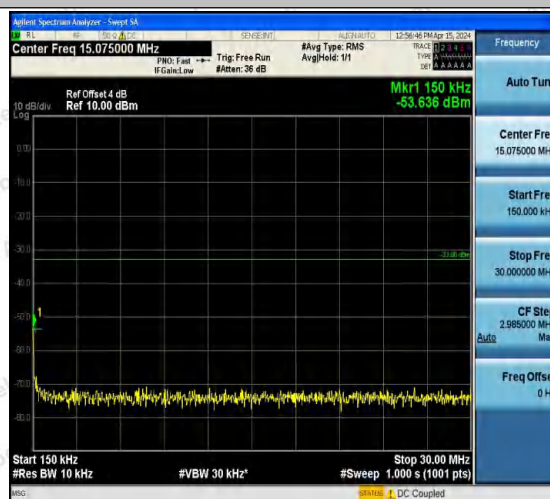




Band4-1312-4-1000~20000MHz-PASS



Band4-1413-4-0.009~0.15MHz-PASS



Band4-1413-4-0.15~30MHz-PASS

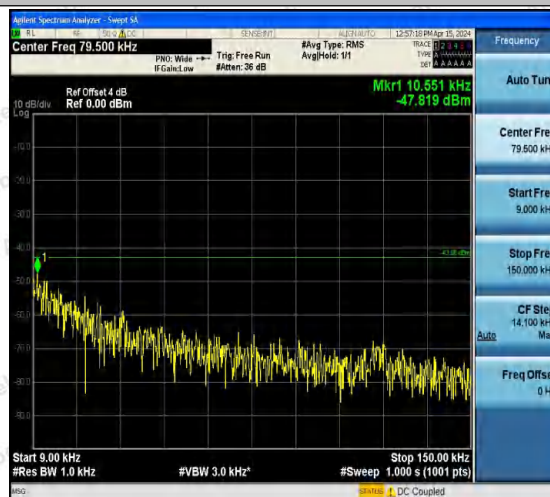




Band4-1413-4-30~1000MHz-PASS

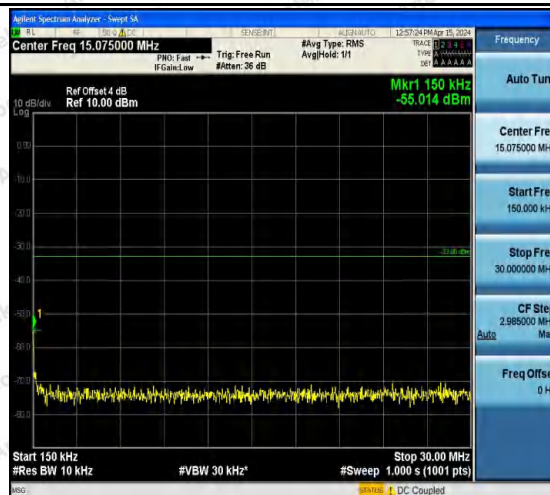


Band4-1413-4-1000~20000MHz-PASS



Band4-1513-4-0.009~0.15MHz-PASS





Band4-1513-4-0.15~30MHz-PASS

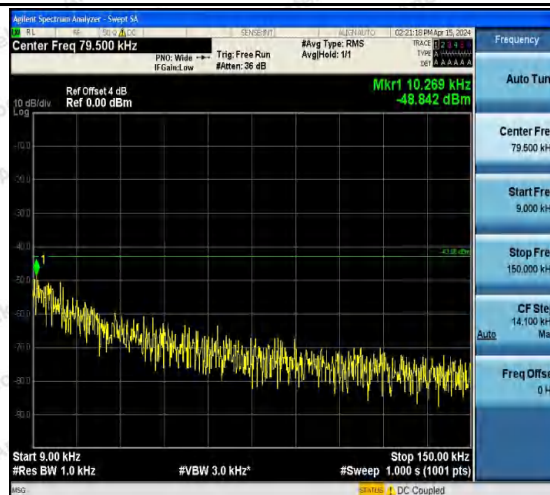


Band4-1513-4-30~1000MHz-PASS

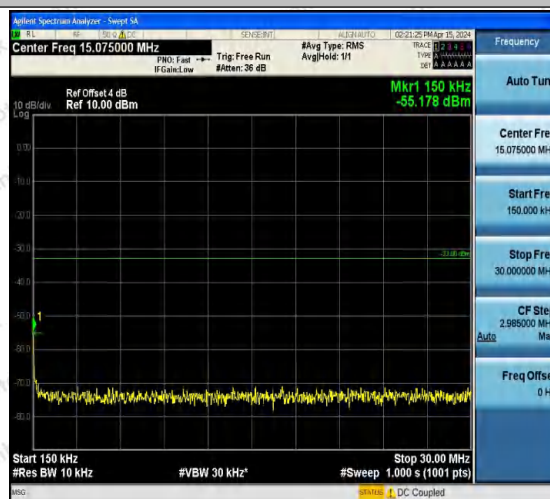


Band4-1513-4-1000~20000MHz-PASS





Band4-1312-1-0.009~0.15MHz-PASS



Band4-1312-1-0.15~30MHz-PASS



Band4-1312-1-30~1000MHz-PASS

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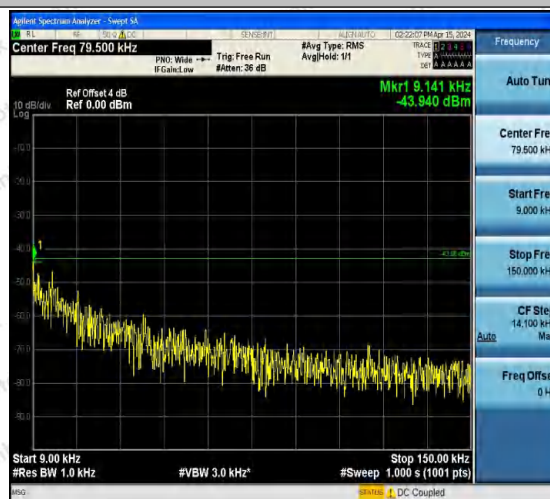


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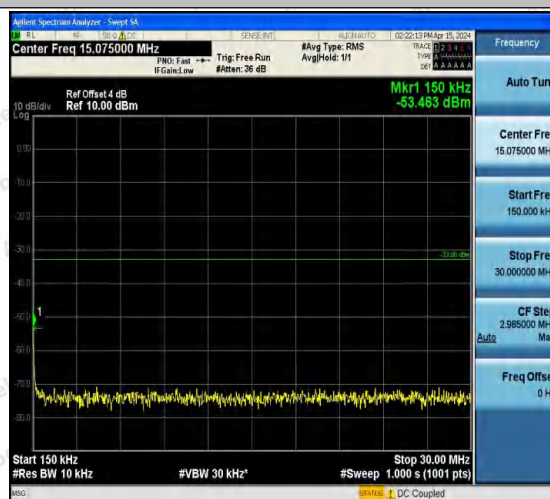




Band4-1312-1-1000~20000MHz-PASS



Band4-1413-1-0.009~0.15MHz-PASS



Band4-1413-1-0.15~30MHz-PASS

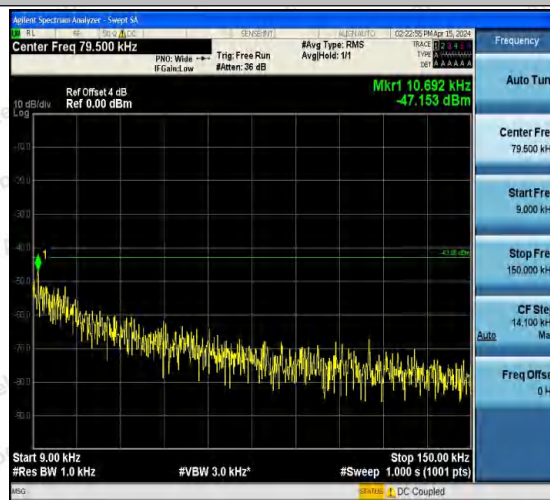




Band4-1413-1-30~1000MHz-PASS

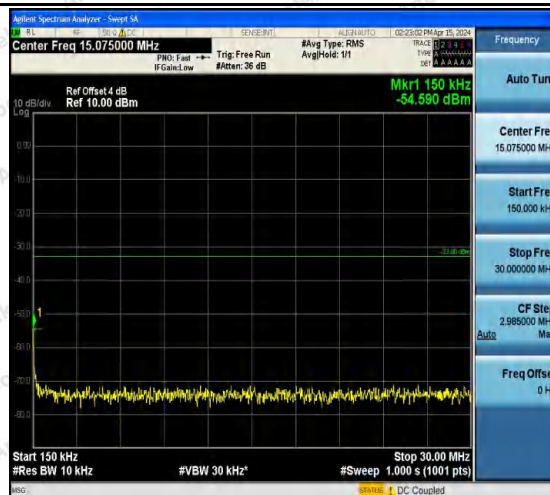


Band4-1413-1-1000~20000MHz-PASS



Band4-1513-1-0.009~0.15MHz-PASS





Band4-1513-1-0.15~30MHz-PASS

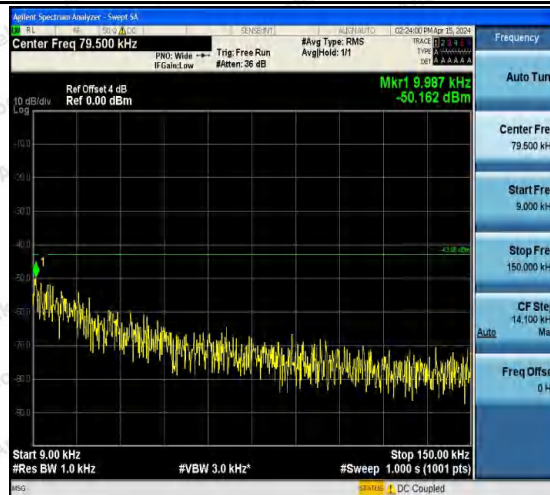


Band4-1513-1-30~1000MHz-PASS

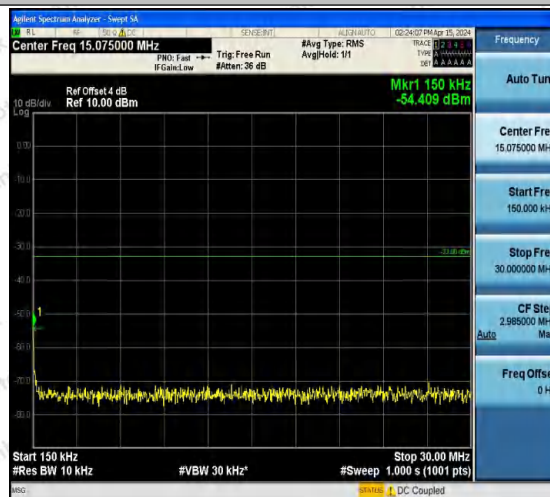


Band4-1513-1-1000~20000MHz-PASS





Band4-1312-2-0.009~0.15MHz-PASS



Band4-1312-2-0.15~30MHz-PASS



Band4-1312-2-30~1000MHz-PASS

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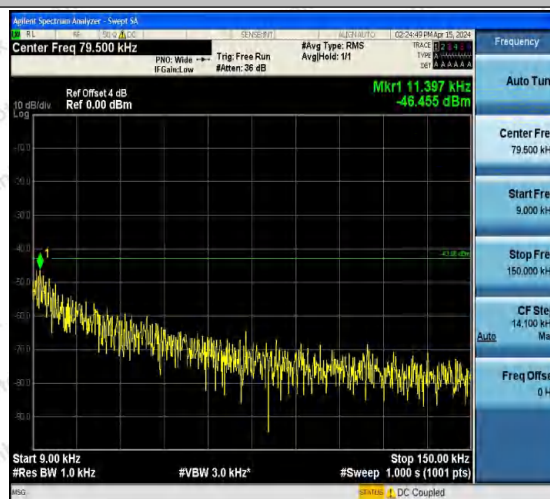


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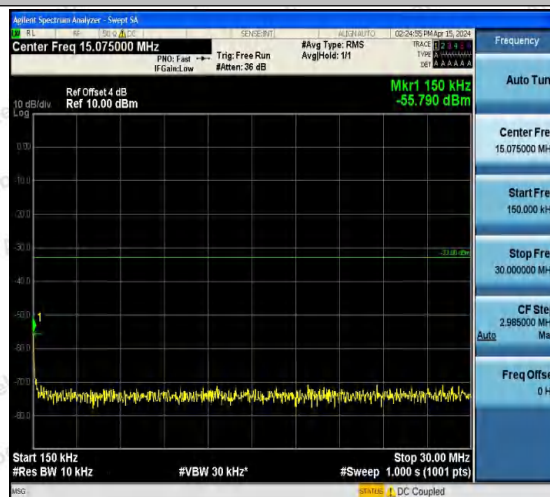




Band4-1312-2-1000~20000MHz-PASS



Band4-1413-2-0.009~0.15MHz-PASS



Band4-1413-2-0.15~30MHz-PASS

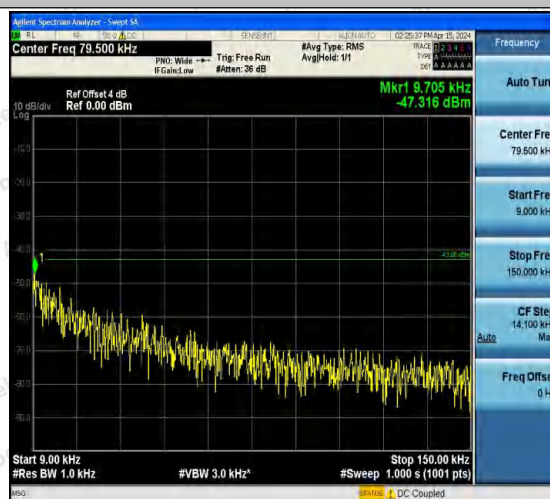




Band4-1413-2-30~1000MHz-PASS

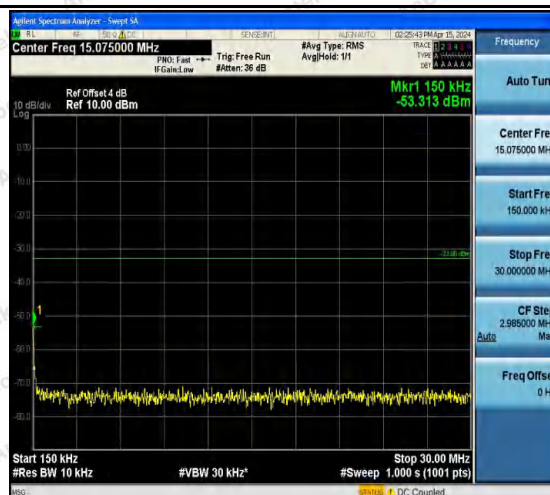


Band4-1413-2-1000~20000MHz-PASS



Band4-1513-2-0.009~0.15MHz-PASS





Band4-1513-2-0.15~30MHz-PASS

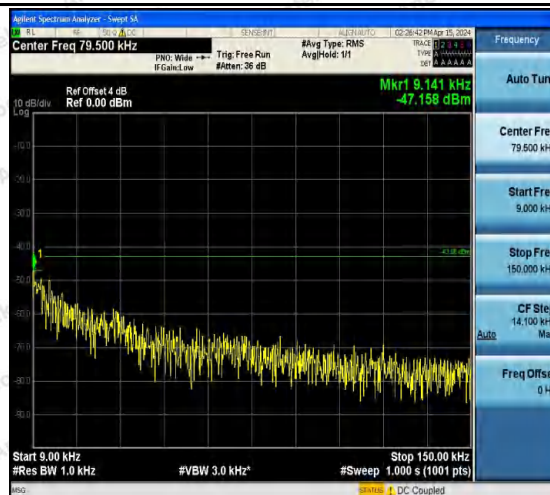


Band4-1513-2-30~1000MHz-PASS

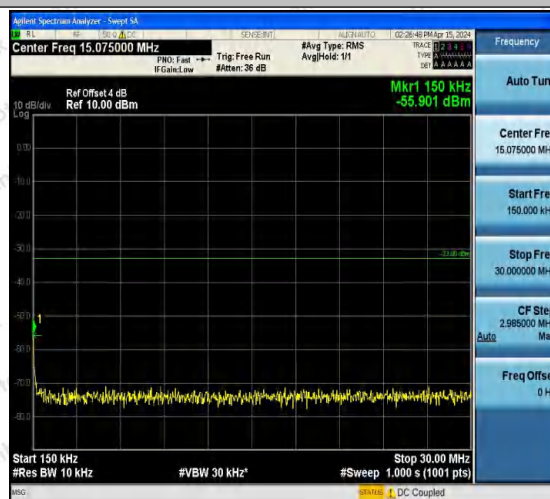


Band4-1513-2-1000~20000MHz-PASS





Band4-1312-3-0.009~0.15MHz-PASS



Band4-1312-3-0.15~30MHz-PASS

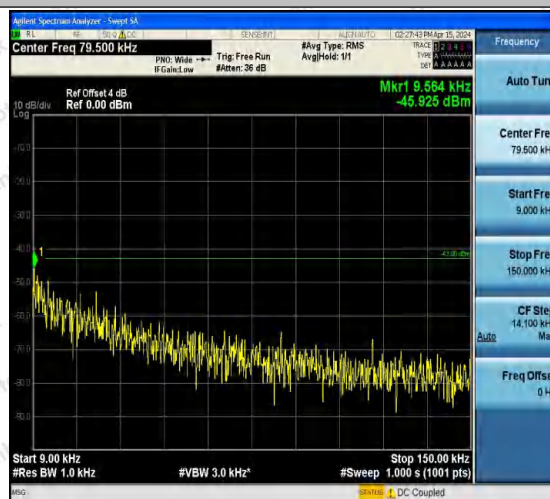


Band4-1312-3-30~1000MHz-PASS

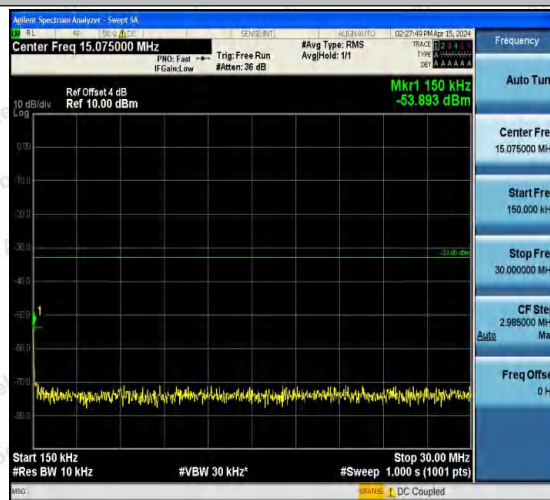




Band4-1312-3-1000~20000MHz-PASS



Band4-1413-3-0.009~0.15MHz-PASS



Band4-1413-3-0.15~30MHz-PASS

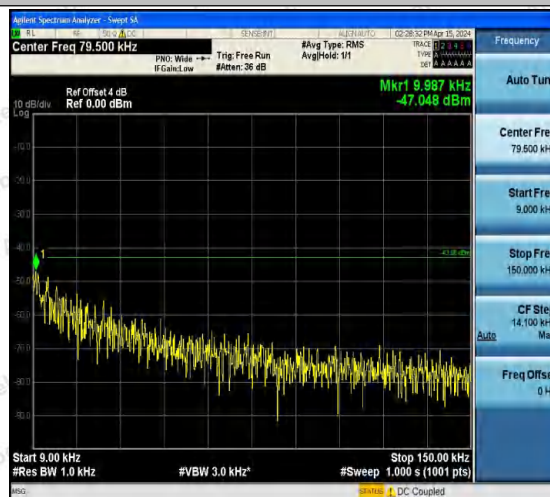




Band4-1413-3-30~1000MHz-PASS



Band4-1413-3-1000~20000MHz-PASS



Band4-1513-3-0.009~0.15MHz-PASS





Band4-1513-3-0.15~30MHz-PASS

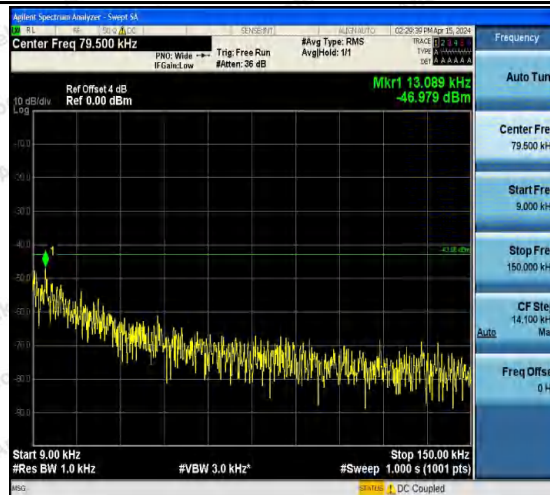


Band4-1513-3-30~1000MHz-PASS

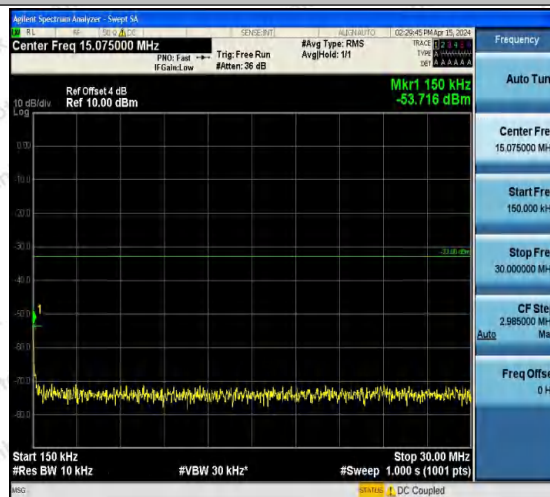


Band4-1513-3-1000~20000MHz-PASS





Band4-1312-4-0.009~0.15MHz-PASS



Band4-1312-4-0.15~30MHz-PASS



Band4-1312-4-30~1000MHz-PASS

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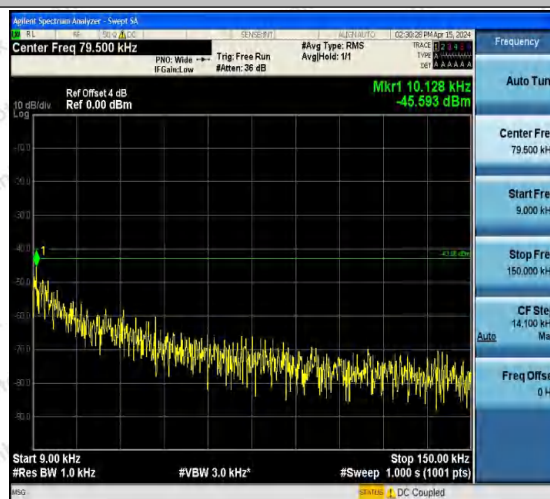


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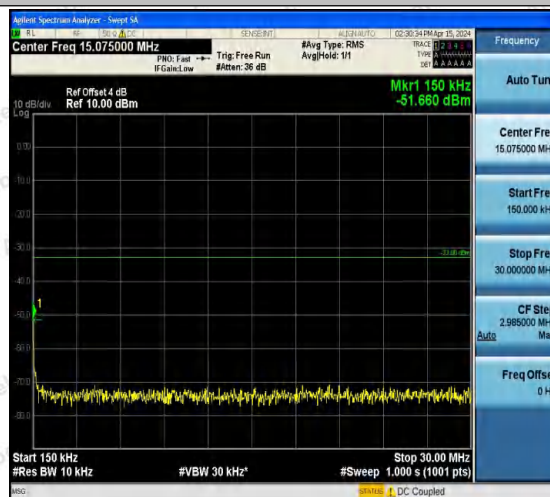




Band4-1312-4-1000~20000MHz-PASS



Band4-1413-4-0.009~0.15MHz-PASS



Band4-1413-4-0.15~30MHz-PASS

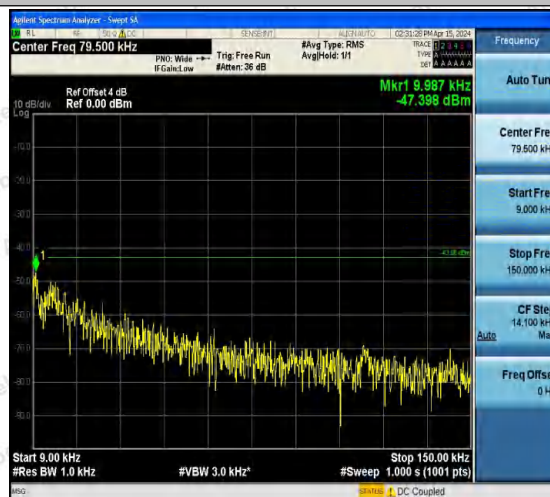




Band4-1413-4-30~1000MHz-PASS

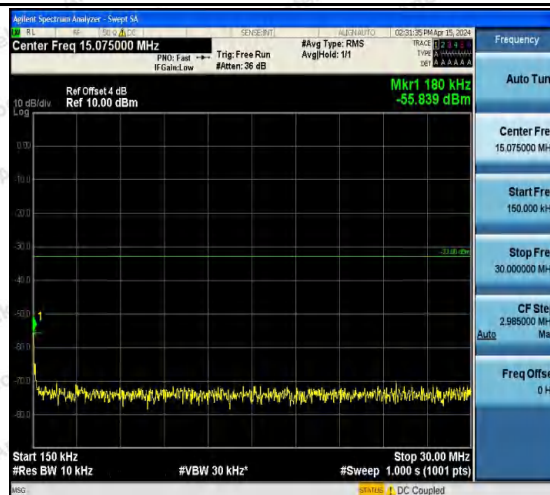


Band4-1413-4-1000~20000MHz-PASS



Band4-1513-4-0.009~0.15MHz-PASS





Band4-1513-4-0.15~30MHz-PASS

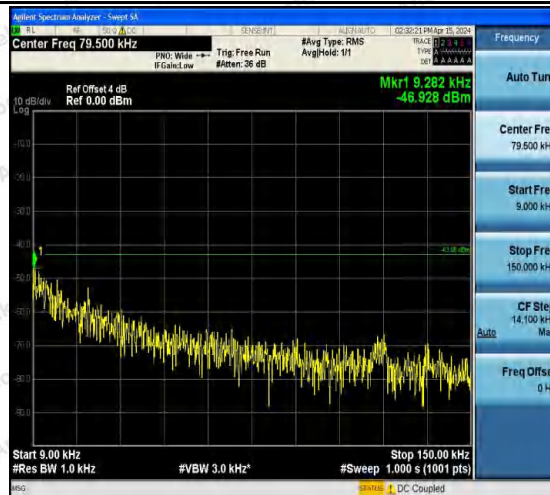


Band4-1513-4-30~1000MHz-PASS

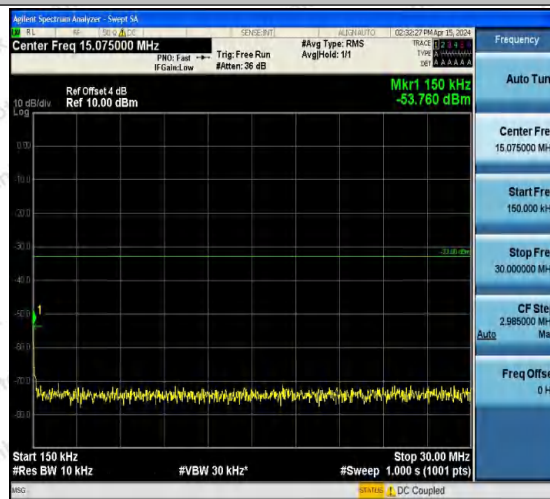


Band4-1513-4-1000~20000MHz-PASS





Band4-1312-5-0.009~0.15MHz-PASS



Band4-1312-5-0.15~30MHz-PASS



Band4-1312-5-30~1000MHz-PASS

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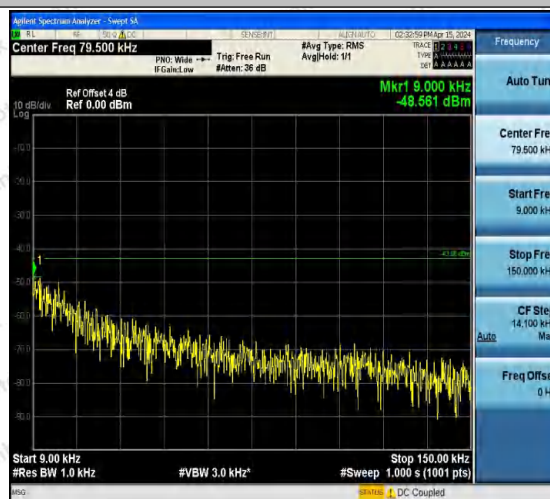


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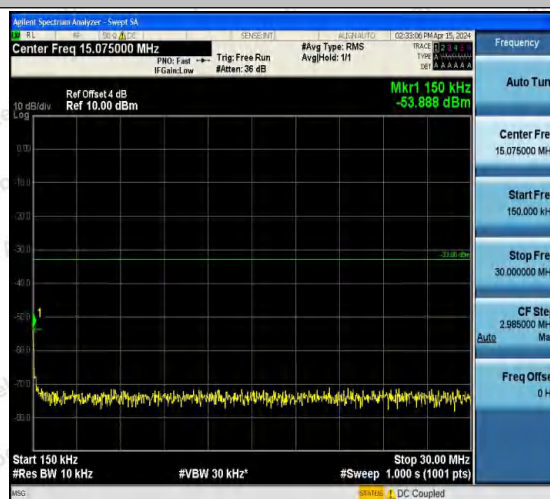




Band4-1312-5-1000~20000MHz-PASS



Band4-1413-5-0.009~0.15MHz-PASS



Band4-1413-5-0.15~30MHz-PASS

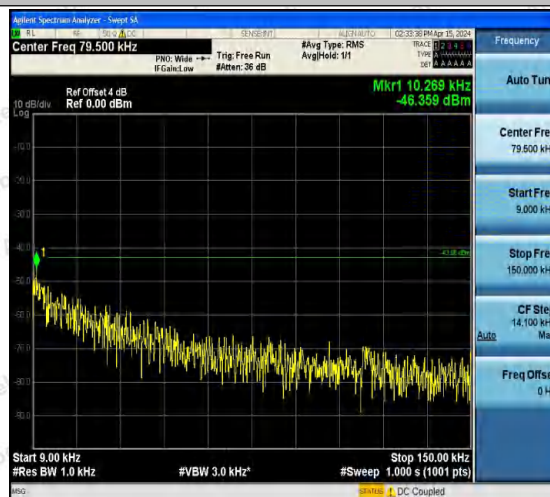




Band4-1413-5-30~1000MHz-PASS

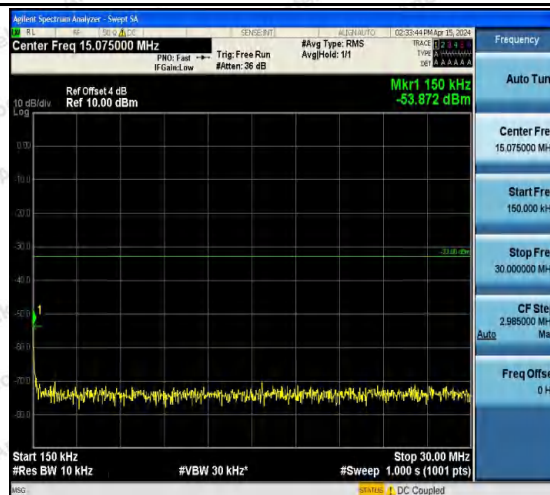


Band4-1413-5-1000~20000MHz-PASS



Band4-1513-5-0.009~0.15MHz-PASS





Band4-1513-5-0.15~30MHz-PASS



Band4-1513-5-30~1000MHz-PASS



Band4-1513-5-1000~20000MHz-PASS



Appendix F: Frequency stability VS Voltage measurement

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	VN	NT	5.80	0.003387	±2.5	PASS
Band4	1312	VL	NT	4.22	0.002464	±2.5	PASS
Band4	1312	VH	NT	3.65	0.002132	±2.5	PASS
Band4	1413	VN	NT	-0.16	-0.000092	±2.5	PASS
Band4	1413	VL	NT	0.68	0.000392	±2.5	PASS
Band4	1413	VH	NT	-0.50	-0.000289	±2.5	PASS
Band4	1513	VN	NT	-4.96	-0.002830	±2.5	PASS
Band4	1513	VL	NT	-4.79	-0.002733	±2.5	PASS
Band4	1513	VH	NT	-2.90	-0.001655	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	VN	NT	-4.16	-0.002429	±2.5	PASS
Band4	1312	1	VL	NT	-4.41	-0.002575	±2.5	PASS
Band4	1312	1	VH	NT	-3.92	-0.002289	±2.5	PASS
Band4	1312	2	VN	NT	8.43	0.004923	±2.5	PASS
Band4	1312	2	VL	NT	-4.36	-0.002546	±2.5	PASS
Band4	1312	2	VH	NT	-4.99	-0.002914	±2.5	PASS
Band4	1312	3	VN	NT	-3.78	-0.002207	±2.5	PASS
Band4	1312	3	VL	NT	-4.67	-0.002727	±2.5	PASS
Band4	1312	3	VH	NT	-3.45	-0.002015	±2.5	PASS
Band4	1312	4	VN	NT	-5.48	-0.003200	±2.5	PASS
Band4	1312	4	VL	NT	-5.24	-0.003060	±2.5	PASS
Band4	1312	4	VH	NT	-4.45	-0.002599	±2.5	PASS
Band4	1413	1	VN	NT	-5.04	-0.002909	±2.5	PASS
Band4	1413	1	VL	NT	-5.69	-0.003284	±2.5	PASS
Band4	1413	1	VH	NT	-5.15	-0.002972	±2.5	PASS
Band4	1413	2	VN	NT	-5.06	-0.002920	±2.5	PASS
Band4	1413	2	VL	NT	-5.35	-0.003088	±2.5	PASS
Band4	1413	2	VH	NT	-5.67	-0.003273	±2.5	PASS
Band4	1413	3	VN	NT	-6.07	-0.003503	±2.5	PASS
Band4	1413	3	VL	NT	-4.94	-0.002851	±2.5	PASS
Band4	1413	3	VH	NT	-5.48	-0.003163	±2.5	PASS
Band4	1413	4	VN	NT	-5.89	-0.003400	±2.5	PASS



Band4	1413	4	VL	NT	-5.40	-0.003117	±2.5	PASS
Band4	1413	4	VH	NT	-4.37	-0.002522	±2.5	PASS
Band4	1513	1	VN	NT	-5.72	-0.003264	±2.5	PASS
Band4	1513	1	VL	NT	-4.56	-0.002602	±2.5	PASS
Band4	1513	1	VH	NT	-4.67	-0.002665	±2.5	PASS
Band4	1513	2	VN	NT	-5.01	-0.002859	±2.5	PASS
Band4	1513	2	VL	NT	-4.65	-0.002653	±2.5	PASS
Band4	1513	2	VH	NT	-5.46	-0.003115	±2.5	PASS
Band4	1513	3	VN	NT	-5.49	-0.003132	±2.5	PASS
Band4	1513	3	VL	NT	-5.44	-0.003104	±2.5	PASS
Band4	1513	3	VH	NT	-5.34	-0.003047	±2.5	PASS
Band4	1513	4	VN	NT	-5.79	-0.003304	±2.5	PASS
Band4	1513	4	VL	NT	-5.30	-0.003024	±2.5	PASS
Band4	1513	4	VH	NT	-5.95	-0.003395	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	VN	NT	3.80	0.002219	±2.5	PASS
Band4	1312	1	VL	NT	4.25	0.002482	±2.5	PASS
Band4	1312	1	VH	NT	4.79	0.002797	±2.5	PASS
Band4	1312	2	VN	NT	6.14	0.003586	±2.5	PASS
Band4	1312	2	VL	NT	5.82	0.003399	±2.5	PASS
Band4	1312	2	VH	NT	6.02	0.003516	±2.5	PASS
Band4	1312	3	VN	NT	6.49	0.003790	±2.5	PASS
Band4	1312	3	VL	NT	6.59	0.003848	±2.5	PASS
Band4	1312	3	VH	NT	6.50	0.003796	±2.5	PASS
Band4	1312	4	VN	NT	6.99	0.004082	±2.5	PASS
Band4	1312	4	VL	NT	6.36	0.003714	±2.5	PASS
Band4	1312	4	VH	NT	6.76	0.003948	±2.5	PASS
Band4	1312	5	VN	NT	6.30	0.003679	±2.5	PASS
Band4	1312	5	VL	NT	6.74	0.003936	±2.5	PASS
Band4	1312	5	VH	NT	6.45	0.003767	±2.5	PASS
Band4	1413	1	VN	NT	6.59	0.003804	±2.5	PASS
Band4	1413	1	VL	NT	6.14	0.003544	±2.5	PASS
Band4	1413	1	VH	NT	7.20	0.004156	±2.5	PASS
Band4	1413	2	VN	NT	7.02	0.004052	±2.5	PASS
Band4	1413	2	VL	NT	7.94	0.004583	±2.5	PASS
Band4	1413	2	VH	NT	6.82	0.003936	±2.5	PASS
Band4	1413	3	VN	NT	6.94	0.004006	±2.5	PASS
Band4	1413	3	VL	NT	6.85	0.003954	±2.5	PASS

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Band4	1413	3	VH	NT	5.75	0.003319	±2.5	PASS
Band4	1413	4	VN	NT	6.19	0.003573	±2.5	PASS
Band4	1413	4	VL	NT	7.26	0.004190	±2.5	PASS
Band4	1413	4	VH	NT	6.09	0.003515	±2.5	PASS
Band4	1413	5	VN	NT	6.16	0.003555	±2.5	PASS
Band4	1413	5	VL	NT	6.98	0.004029	±2.5	PASS
Band4	1413	5	VH	NT	7.25	0.004184	±2.5	PASS
Band4	1513	1	VN	NT	5.49	0.003132	±2.5	PASS
Band4	1513	1	VL	NT	6.24	0.003560	±2.5	PASS
Band4	1513	1	VH	NT	7.32	0.004177	±2.5	PASS
Band4	1513	2	VN	NT	8.17	0.004662	±2.5	PASS
Band4	1513	2	VL	NT	6.64	0.003789	±2.5	PASS
Band4	1513	2	VH	NT	6.54	0.003732	±2.5	PASS
Band4	1513	3	VN	NT	6.90	0.003937	±2.5	PASS
Band4	1513	3	VL	NT	8.02	0.004576	±2.5	PASS
Band4	1513	3	VH	NT	6.87	0.003920	±2.5	PASS
Band4	1513	4	VN	NT	7.64	0.004359	±2.5	PASS
Band4	1513	4	VL	NT	5.34	0.003047	±2.5	PASS
Band4	1513	4	VH	NT	7.60	0.004336	±2.5	PASS
Band4	1513	5	VN	NT	8.40	0.004793	±2.5	PASS
Band4	1513	5	VL	NT	7.41	0.004228	±2.5	PASS
Band4	1513	5	VH	NT	7.17	0.004091	±2.5	PASS



Appendix G: Frequency stability VS Temperature measurement

Test Result

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	NV	-30	5.49	0.003206	±2.5	PASS
Band4	1312	NV	-20	6.08	0.003551	±2.5	PASS
Band4	1312	NV	-10	4.91	0.002867	±2.5	PASS
Band4	1312	NV	0	5.30	0.003095	±2.5	PASS
Band4	1312	NV	10	6.62	0.003866	±2.5	PASS
Band4	1312	NV	20	5.79	0.003381	±2.5	PASS
Band4	1312	NV	30	5.43	0.003171	±2.5	PASS
Band4	1312	NV	40	6.49	0.003790	±2.5	PASS
Band4	1312	NV	50	5.52	0.003224	±2.5	PASS
Band4	1413	NV	-30	0.11	0.000063	±2.5	PASS
Band4	1413	NV	-20	-0.08	-0.000046	±2.5	PASS
Band4	1413	NV	-10	0.47	0.000271	±2.5	PASS
Band4	1413	NV	0	0.79	0.000456	±2.5	PASS
Band4	1413	NV	10	0.08	0.000046	±2.5	PASS
Band4	1413	NV	20	-0.50	-0.000289	±2.5	PASS
Band4	1413	NV	30	1.27	0.000733	±2.5	PASS
Band4	1413	NV	40	0.54	0.000312	±2.5	PASS
Band4	1413	NV	50	0.17	0.000098	±2.5	PASS
Band4	1513	NV	-30	-5.49	-0.003132	±2.5	PASS
Band4	1513	NV	-20	-4.21	-0.002402	±2.5	PASS
Band4	1513	NV	-10	-4.34	-0.002476	±2.5	PASS
Band4	1513	NV	0	-4.60	-0.002625	±2.5	PASS
Band4	1513	NV	10	-4.61	-0.002630	±2.5	PASS
Band4	1513	NV	20	-5.04	-0.002876	±2.5	PASS
Band4	1513	NV	30	-3.25	-0.001854	±2.5	PASS
Band4	1513	NV	40	-4.53	-0.002585	±2.5	PASS
Band4	1513	NV	50	-4.28	-0.002442	±2.5	PASS



Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	NV	-30	-4.31	-0.002517	±2.5	PASS
Band4	1312	1	NV	-20	-5.24	-0.003060	±2.5	PASS
Band4	1312	1	NV	-10	-5.07	-0.002961	±2.5	PASS
Band4	1312	1	NV	0	-4.29	-0.002505	±2.5	PASS
Band4	1312	1	NV	10	-3.60	-0.002102	±2.5	PASS
Band4	1312	1	NV	20	-3.97	-0.002318	±2.5	PASS
Band4	1312	1	NV	30	-5.99	-0.003498	±2.5	PASS
Band4	1312	1	NV	40	-4.47	-0.002610	±2.5	PASS
Band4	1312	1	NV	50	-4.56	-0.002663	±2.5	PASS
Band4	1312	2	NV	-30	-5.56	-0.003247	±2.5	PASS
Band4	1312	2	NV	-20	-3.68	-0.002149	±2.5	PASS
Band4	1312	2	NV	-10	-3.53	-0.002061	±2.5	PASS
Band4	1312	2	NV	0	-4.77	-0.002786	±2.5	PASS
Band4	1312	2	NV	10	-5.06	-0.002955	±2.5	PASS
Band4	1312	2	NV	20	-4.43	-0.002587	±2.5	PASS
Band4	1312	2	NV	30	-4.63	-0.002704	±2.5	PASS
Band4	1312	2	NV	40	-3.90	-0.002278	±2.5	PASS
Band4	1312	2	NV	50	-4.33	-0.002529	±2.5	PASS
Band4	1312	3	NV	-30	-4.41	-0.002575	±2.5	PASS
Band4	1312	3	NV	-20	-4.01	-0.002342	±2.5	PASS
Band4	1312	3	NV	-10	-5.04	-0.002943	±2.5	PASS
Band4	1312	3	NV	0	-6.47	-0.003778	±2.5	PASS
Band4	1312	3	NV	10	-4.49	-0.002622	±2.5	PASS
Band4	1312	3	NV	20	-5.54	-0.003235	±2.5	PASS
Band4	1312	3	NV	30	-4.52	-0.002640	±2.5	PASS
Band4	1312	3	NV	40	-5.51	-0.003218	±2.5	PASS
Band4	1312	3	NV	50	-5.82	-0.003399	±2.5	PASS
Band4	1312	4	NV	-30	-4.97	-0.002902	±2.5	PASS
Band4	1312	4	NV	-20	-4.86	-0.002838	±2.5	PASS
Band4	1312	4	NV	-10	-5.59	-0.003264	±2.5	PASS
Band4	1312	4	NV	0	-4.71	-0.002751	±2.5	PASS
Band4	1312	4	NV	10	-4.64	-0.002710	±2.5	PASS
Band4	1312	4	NV	20	-5.22	-0.003048	±2.5	PASS
Band4	1312	4	NV	30	-3.19	-0.001863	±2.5	PASS
Band4	1312	4	NV	40	-5.09	-0.002972	±2.5	PASS
Band4	1312	4	NV	50	-5.24	-0.003060	±2.5	PASS
Band4	1413	1	NV	-30	-5.26	-0.003036	±2.5	PASS

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Band4	1413	1	NV	-20	-4.04	-0.002332	±2.5	PASS
Band4	1413	1	NV	-10	-4.14	-0.002389	±2.5	PASS
Band4	1413	1	NV	0	-4.03	-0.002326	±2.5	PASS
Band4	1413	1	NV	10	-5.91	-0.003411	±2.5	PASS
Band4	1413	1	NV	20	-4.36	-0.002516	±2.5	PASS
Band4	1413	1	NV	30	-5.91	-0.003411	±2.5	PASS
Band4	1413	1	NV	40	-5.81	-0.003353	±2.5	PASS
Band4	1413	1	NV	50	-12.16	-0.007018	±2.5	PASS
Band4	1413	2	NV	-30	-5.04	-0.002909	±2.5	PASS
Band4	1413	2	NV	-20	-3.99	-0.002303	±2.5	PASS
Band4	1413	2	NV	-10	-4.33	-0.002499	±2.5	PASS
Band4	1413	2	NV	0	-4.09	-0.002361	±2.5	PASS
Band4	1413	2	NV	10	-5.64	-0.003255	±2.5	PASS
Band4	1413	2	NV	20	-4.67	-0.002695	±2.5	PASS
Band4	1413	2	NV	30	-5.11	-0.002949	±2.5	PASS
Band4	1413	2	NV	40	-5.18	-0.002990	±2.5	PASS
Band4	1413	2	NV	50	-4.01	-0.002314	±2.5	PASS
Band4	1413	3	NV	-30	-5.47	-0.003157	±2.5	PASS
Band4	1413	3	NV	-20	-5.54	-0.003198	±2.5	PASS
Band4	1413	3	NV	-10	-4.38	-0.002528	±2.5	PASS
Band4	1413	3	NV	0	-4.78	-0.002759	±2.5	PASS
Band4	1413	3	NV	10	-4.36	-0.002516	±2.5	PASS
Band4	1413	3	NV	20	-5.02	-0.002897	±2.5	PASS
Band4	1413	3	NV	30	-4.95	-0.002857	±2.5	PASS
Band4	1413	3	NV	40	-4.74	-0.002736	±2.5	PASS
Band4	1413	3	NV	50	-4.43	-0.002557	±2.5	PASS
Band4	1413	4	NV	-30	-5.59	-0.003226	±2.5	PASS
Band4	1413	4	NV	-20	-4.68	-0.002701	±2.5	PASS
Band4	1413	4	NV	-10	-4.64	-0.002678	±2.5	PASS
Band4	1413	4	NV	0	-5.13	-0.002961	±2.5	PASS
Band4	1413	4	NV	10	-4.13	-0.002384	±2.5	PASS
Band4	1413	4	NV	20	-6.57	-0.003792	±2.5	PASS
Band4	1413	4	NV	30	-6.04	-0.003486	±2.5	PASS
Band4	1413	4	NV	40	-6.79	-0.003919	±2.5	PASS
Band4	1413	4	NV	50	-5.58	-0.003221	±2.5	PASS
Band4	1513	1	NV	-30	-6.62	-0.003777	±2.5	PASS
Band4	1513	1	NV	-20	-6.70	-0.003823	±2.5	PASS
Band4	1513	1	NV	-10	-5.51	-0.003144	±2.5	PASS
Band4	1513	1	NV	0	-5.56	-0.003172	±2.5	PASS
Band4	1513	1	NV	10	-5.31	-0.003030	±2.5	PASS
Band4	1513	1	NV	20	-5.65	-0.003224	±2.5	PASS

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Band4	1513	1	NV	30	-5.38	-0.003070	±2.5	PASS
Band4	1513	1	NV	40	-5.36	-0.003058	±2.5	PASS
Band4	1513	1	NV	50	-5.70	-0.003252	±2.5	PASS
Band4	1513	2	NV	-30	-6.65	-0.003794	±2.5	PASS
Band4	1513	2	NV	-20	-9.63	-0.005495	±2.5	PASS
Band4	1513	2	NV	-10	-5.38	-0.003070	±2.5	PASS
Band4	1513	2	NV	0	-5.36	-0.003058	±2.5	PASS
Band4	1513	2	NV	10	-5.71	-0.003258	±2.5	PASS
Band4	1513	2	NV	20	-5.56	-0.003172	±2.5	PASS
Band4	1513	2	NV	30	-6.31	-0.003600	±2.5	PASS
Band4	1513	2	NV	40	-5.88	-0.003355	±2.5	PASS
Band4	1513	2	NV	50	-6.04	-0.003446	±2.5	PASS
Band4	1513	3	NV	-30	-5.56	-0.003172	±2.5	PASS
Band4	1513	3	NV	-20	-5.95	-0.003395	±2.5	PASS
Band4	1513	3	NV	-10	-6.07	-0.003463	±2.5	PASS
Band4	1513	3	NV	0	-5.38	-0.003070	±2.5	PASS
Band4	1513	3	NV	10	-4.53	-0.002585	±2.5	PASS
Band4	1513	3	NV	20	-6.27	-0.003578	±2.5	PASS
Band4	1513	3	NV	30	-5.43	-0.003098	±2.5	PASS
Band4	1513	3	NV	40	-5.51	-0.003144	±2.5	PASS
Band4	1513	3	NV	50	-7.35	-0.004194	±2.5	PASS
Band4	1513	4	NV	-30	-4.80	-0.002739	±2.5	PASS
Band4	1513	4	NV	-20	-5.42	-0.003093	±2.5	PASS
Band4	1513	4	NV	-10	-5.39	-0.003075	±2.5	PASS
Band4	1513	4	NV	0	-3.86	-0.002202	±2.5	PASS
Band4	1513	4	NV	10	-5.44	-0.003104	±2.5	PASS
Band4	1513	4	NV	20	-5.09	-0.002904	±2.5	PASS
Band4	1513	4	NV	30	-5.20	-0.002967	±2.5	PASS
Band4	1513	4	NV	40	-5.46	-0.003115	±2.5	PASS
Band4	1513	4	NV	50	-6.19	-0.003532	±2.5	PASS



Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	NV	-30	5.34	0.003118	±2.5	PASS
Band4	1312	1	NV	-20	5.16	0.003013	±2.5	PASS
Band4	1312	1	NV	-10	5.46	0.003189	±2.5	PASS
Band4	1312	1	NV	0	5.54	0.003235	±2.5	PASS
Band4	1312	1	NV	10	5.71	0.003335	±2.5	PASS
Band4	1312	1	NV	20	6.19	0.003615	±2.5	PASS
Band4	1312	1	NV	30	5.79	0.003381	±2.5	PASS
Band4	1312	1	NV	40	5.79	0.003381	±2.5	PASS
Band4	1312	1	NV	50	5.82	0.003399	±2.5	PASS
Band4	1312	2	NV	-30	5.91	0.003451	±2.5	PASS
Band4	1312	2	NV	-20	6.34	0.003702	±2.5	PASS
Band4	1312	2	NV	-10	6.13	0.003580	±2.5	PASS
Band4	1312	2	NV	0	6.04	0.003527	±2.5	PASS
Band4	1312	2	NV	10	6.15	0.003591	±2.5	PASS
Band4	1312	2	NV	20	6.45	0.003767	±2.5	PASS
Band4	1312	2	NV	30	6.15	0.003591	±2.5	PASS
Band4	1312	2	NV	40	6.49	0.003790	±2.5	PASS
Band4	1312	2	NV	50	6.54	0.003819	±2.5	PASS
Band4	1312	3	NV	-30	6.34	0.003702	±2.5	PASS
Band4	1312	3	NV	-20	6.74	0.003936	±2.5	PASS
Band4	1312	3	NV	-10	6.62	0.003866	±2.5	PASS
Band4	1312	3	NV	0	6.52	0.003808	±2.5	PASS
Band4	1312	3	NV	10	6.67	0.003895	±2.5	PASS
Band4	1312	3	NV	20	6.92	0.004041	±2.5	PASS
Band4	1312	3	NV	30	6.69	0.003907	±2.5	PASS
Band4	1312	3	NV	40	6.50	0.003796	±2.5	PASS
Band4	1312	3	NV	50	6.72	0.003924	±2.5	PASS
Band4	1312	4	NV	-30	6.60	0.003854	±2.5	PASS
Band4	1312	4	NV	-20	6.80	0.003971	±2.5	PASS
Band4	1312	4	NV	-10	6.58	0.003843	±2.5	PASS
Band4	1312	4	NV	0	6.87	0.004012	±2.5	PASS
Band4	1312	4	NV	10	6.92	0.004041	±2.5	PASS
Band4	1312	4	NV	20	6.59	0.003848	±2.5	PASS
Band4	1312	4	NV	30	6.87	0.004012	±2.5	PASS
Band4	1312	4	NV	40	6.85	0.004000	±2.5	PASS
Band4	1312	4	NV	50	6.90	0.004029	±2.5	PASS
Band4	1312	5	NV	-30	6.76	0.003948	±2.5	PASS

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Band4	1312	5	NV	-20	7.27	0.004246	±2.5	PASS
Band4	1312	5	NV	-10	7.26	0.004240	±2.5	PASS
Band4	1312	5	NV	0	6.07	0.003545	±2.5	PASS
Band4	1312	5	NV	10	7.55	0.004409	±2.5	PASS
Band4	1312	5	NV	20	6.29	0.003673	±2.5	PASS
Band4	1312	5	NV	30	8.00	0.004672	±2.5	PASS
Band4	1312	5	NV	40	6.81	0.003977	±2.5	PASS
Band4	1312	5	NV	50	6.97	0.004070	±2.5	PASS
Band4	1413	1	NV	-30	6.17	0.003561	±2.5	PASS
Band4	1413	1	NV	-20	6.06	0.003498	±2.5	PASS
Band4	1413	1	NV	-10	6.57	0.003792	±2.5	PASS
Band4	1413	1	NV	0	6.13	0.003538	±2.5	PASS
Band4	1413	1	NV	10	7.02	0.004052	±2.5	PASS
Band4	1413	1	NV	20	6.09	0.003515	±2.5	PASS
Band4	1413	1	NV	30	7.29	0.004208	±2.5	PASS
Band4	1413	1	NV	40	7.48	0.004317	±2.5	PASS
Band4	1413	1	NV	50	4.97	0.002869	±2.5	PASS
Band4	1413	2	NV	-30	6.44	0.003717	±2.5	PASS
Band4	1413	2	NV	-20	7.25	0.004184	±2.5	PASS
Band4	1413	2	NV	-10	6.85	0.003954	±2.5	PASS
Band4	1413	2	NV	0	7.15	0.004127	±2.5	PASS
Band4	1413	2	NV	10	6.59	0.003804	±2.5	PASS
Band4	1413	2	NV	20	5.96	0.003440	±2.5	PASS
Band4	1413	2	NV	30	6.32	0.003648	±2.5	PASS
Band4	1413	2	NV	40	6.32	0.003648	±2.5	PASS
Band4	1413	2	NV	50	6.65	0.003838	±2.5	PASS
Band4	1413	3	NV	-30	6.61	0.003815	±2.5	PASS
Band4	1413	3	NV	-20	7.35	0.004242	±2.5	PASS
Band4	1413	3	NV	-10	7.19	0.004150	±2.5	PASS
Band4	1413	3	NV	0	7.17	0.004138	±2.5	PASS
Band4	1413	3	NV	10	7.43	0.004288	±2.5	PASS
Band4	1413	3	NV	20	7.55	0.004358	±2.5	PASS
Band4	1413	3	NV	30	5.76	0.003324	±2.5	PASS
Band4	1413	3	NV	40	5.39	0.003111	±2.5	PASS
Band4	1413	3	NV	50	6.65	0.003838	±2.5	PASS
Band4	1413	4	NV	-30	6.31	0.003642	±2.5	PASS
Band4	1413	4	NV	-20	7.33	0.004231	±2.5	PASS
Band4	1413	4	NV	-10	6.80	0.003925	±2.5	PASS
Band4	1413	4	NV	0	6.09	0.003515	±2.5	PASS
Band4	1413	4	NV	10	7.02	0.004052	±2.5	PASS
Band4	1413	4	NV	20	5.59	0.003226	±2.5	PASS

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Band4	1413	4	NV	30	7.48	0.004317	±2.5	PASS
Band4	1413	4	NV	40	5.25	0.003030	±2.5	PASS
Band4	1413	4	NV	50	5.99	0.003457	±2.5	PASS
Band4	1413	5	NV	-30	5.31	0.003065	±2.5	PASS
Band4	1413	5	NV	-20	7.93	0.004577	±2.5	PASS
Band4	1413	5	NV	-10	6.47	0.003734	±2.5	PASS
Band4	1413	5	NV	0	6.76	0.003902	±2.5	PASS
Band4	1413	5	NV	10	7.31	0.004219	±2.5	PASS
Band4	1413	5	NV	20	6.95	0.004011	±2.5	PASS
Band4	1413	5	NV	30	7.77	0.004485	±2.5	PASS
Band4	1413	5	NV	40	6.08	0.003509	±2.5	PASS
Band4	1413	5	NV	50	7.03	0.004057	±2.5	PASS
Band4	1513	1	NV	-30	5.97	0.003406	±2.5	PASS
Band4	1513	1	NV	-20	5.77	0.003292	±2.5	PASS
Band4	1513	1	NV	-10	7.22	0.004120	±2.5	PASS
Band4	1513	1	NV	0	6.39	0.003646	±2.5	PASS
Band4	1513	1	NV	10	6.98	0.003983	±2.5	PASS
Band4	1513	1	NV	20	7.78	0.004439	±2.5	PASS
Band4	1513	1	NV	30	5.79	0.003304	±2.5	PASS
Band4	1513	1	NV	40	7.13	0.004068	±2.5	PASS
Band4	1513	1	NV	50	5.94	0.003389	±2.5	PASS
Band4	1513	2	NV	-30	6.06	0.003458	±2.5	PASS
Band4	1513	2	NV	-20	6.87	0.003920	±2.5	PASS
Band4	1513	2	NV	-10	6.01	0.003429	±2.5	PASS
Band4	1513	2	NV	0	6.39	0.003646	±2.5	PASS
Band4	1513	2	NV	10	6.54	0.003732	±2.5	PASS
Band4	1513	2	NV	20	7.52	0.004291	±2.5	PASS
Band4	1513	2	NV	30	7.20	0.004108	±2.5	PASS
Band4	1513	2	NV	40	6.52	0.003720	±2.5	PASS
Band4	1513	2	NV	50	5.73	0.003269	±2.5	PASS
Band4	1513	3	NV	-30	6.74	0.003846	±2.5	PASS
Band4	1513	3	NV	-20	6.90	0.003937	±2.5	PASS
Band4	1513	3	NV	-10	6.62	0.003777	±2.5	PASS
Band4	1513	3	NV	0	7.09	0.004045	±2.5	PASS
Band4	1513	3	NV	10	6.81	0.003886	±2.5	PASS
Band4	1513	3	NV	20	7.07	0.004034	±2.5	PASS
Band4	1513	3	NV	30	6.69	0.003817	±2.5	PASS
Band4	1513	3	NV	40	7.58	0.004325	±2.5	PASS
Band4	1513	3	NV	50	6.34	0.003617	±2.5	PASS
Band4	1513	4	NV	-30	5.43	0.003098	±2.5	PASS
Band4	1513	4	NV	-20	6.29	0.003589	±2.5	PASS

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Band4	1513	4	NV	-10	6.11	0.003486	±2.5	PASS
Band4	1513	4	NV	0	5.97	0.003406	±2.5	PASS
Band4	1513	4	NV	10	7.42	0.004234	±2.5	PASS
Band4	1513	4	NV	20	6.79	0.003874	±2.5	PASS
Band4	1513	4	NV	30	6.95	0.003966	±2.5	PASS
Band4	1513	4	NV	40	7.77	0.004433	±2.5	PASS
Band4	1513	4	NV	50	7.13	0.004068	±2.5	PASS
Band4	1513	5	NV	-30	5.65	0.003224	±2.5	PASS
Band4	1513	5	NV	-20	7.71	0.004399	±2.5	PASS
Band4	1513	5	NV	-10	5.64	0.003218	±2.5	PASS
Band4	1513	5	NV	0	6.17	0.003520	±2.5	PASS
Band4	1513	5	NV	10	4.78	0.002727	±2.5	PASS
Band4	1513	5	NV	20	7.01	0.004000	±2.5	PASS
Band4	1513	5	NV	30	6.92	0.003948	±2.5	PASS
Band4	1513	5	NV	40	5.26	0.003001	±2.5	PASS
Band4	1513	5	NV	50	6.67	0.003806	±2.5	PASS

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