

Appendix Test Data

Report No.:	18220WC20270907	Test Sample No.:	1-2-1
Start Test Date:	2022.11.24	Finish Test Date:	2022.12.16
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	22.7℃	Relative Humidity:	51 %
Pressure:	1012 hPa		

Appendix A: Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.86	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.82	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.47	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.52	PASS
Band13	5MHz	QPSK	23205	12RB#6	22.69	PASS
Band13	5MHz	QPSK	23205	12RB#13	22.76	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.56	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.97	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.62	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.51	PASS
Band13	5MHz	QPSK	23230	12RB#0	22.53	PASS
Band13	5MHz	QPSK	23230	12RB#6	22.65	PASS
Band13	5MHz	QPSK	23230	12RB#13	22.77	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.67	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.92	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.55	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.46	PASS
Band13	5MHz	QPSK	23255	12RB#0	22.43	PASS
Band13	5MHz	QPSK	23255	12RB#6	22.52	PASS
Band13	5MHz	QPSK	23255	12RB#13	22.66	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.74	PASS

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Band13	5MHz	16QAM	23205	1RB#0	23.09	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.97	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.70	PASS
Band13	5MHz	16QAM	23205	12RB#0	21.74	PASS
Band13	5MHz	16QAM	23205	12RB#6	21.84	PASS
Band13	5MHz	16QAM	23205	12RB#13	21.79	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.59	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.60	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.66	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.52	PASS
Band13	5MHz	16QAM	23230	12RB#0	21.57	PASS
Band13	5MHz	16QAM	23230	12RB#6	21.70	PASS
Band13	5MHz	16QAM	23230	12RB#13	21.76	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.63	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.46	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.60	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.46	PASS
Band13	5MHz	16QAM	23255	12RB#0	21.52	PASS
Band13	5MHz	16QAM	23255	12RB#6	21.45	PASS
Band13	5MHz	16QAM	23255	12RB#13	21.87	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.77	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.33	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.61	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.45	PASS
Band13	10MHz	QPSK	23230	25RB#0	22.62	PASS
Band13	10MHz	QPSK	23230	25RB#12	22.67	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.84	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.75	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.51	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.85	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.68	PASS
Band13	10MHz	16QAM	23230	25RB#0	21.63	PASS
Band13	10MHz	16QAM	23230	25RB#12	21.68	PASS
Band13	10MHz	16QAM	23230	25RB#25	21.88	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.73	PASS

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Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

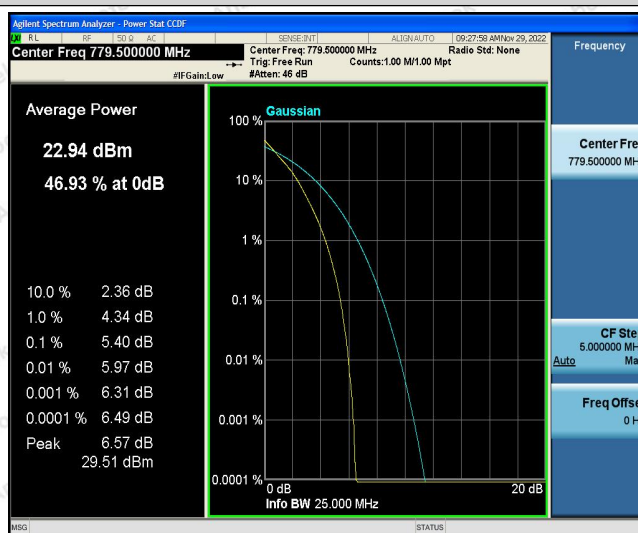
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	4.81	13	PASS
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Band13	5MHz	QPSK	23230	1RB#0	4.85	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.65	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	5.28	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.64	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.43	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.09	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.67	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.33	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.78	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.33	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	4.67	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.54	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	5.55	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.29	13	PASS

Test Graphs

Band13-5MHz-QPSK-23205-1RB#0



Band13-5MHz-QPSK-23205-25RB#0



Band13-5MHz-QPSK-23230-1RB#0

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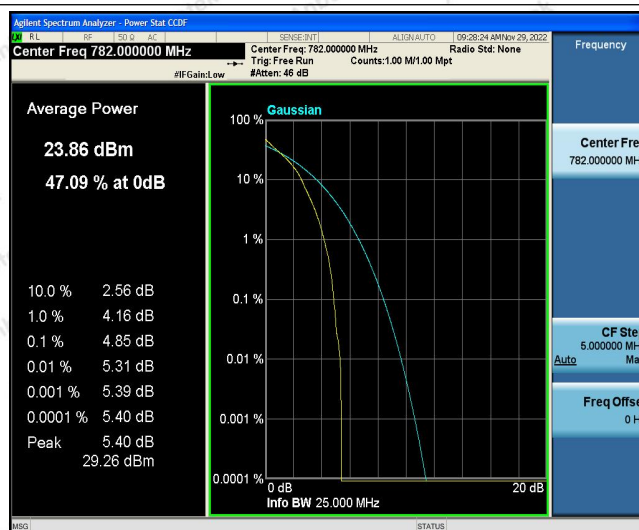
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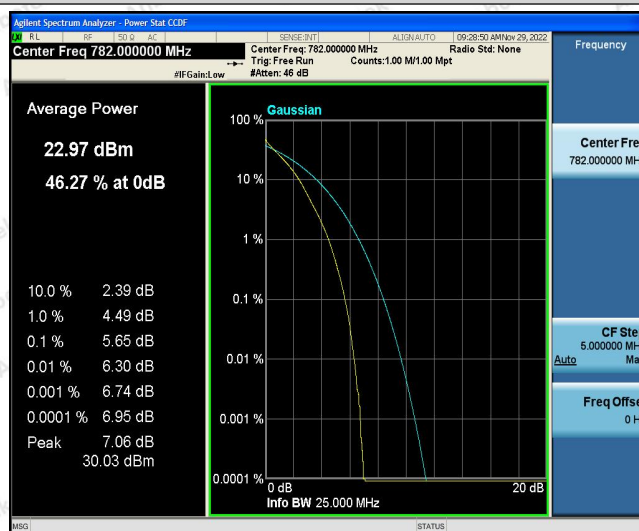
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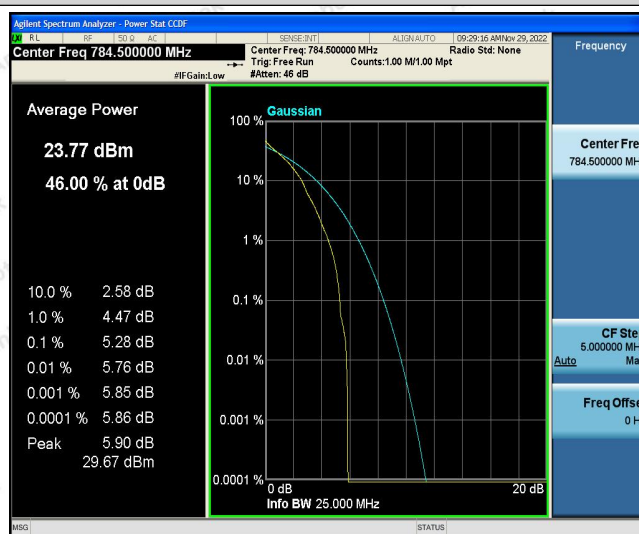
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Band13-5MHz-QPSK-23230-25RB#0



Band13-5MHz-QPSK-23255-1RB#0



Band13-5MHz-QPSK-23255-25RB#0

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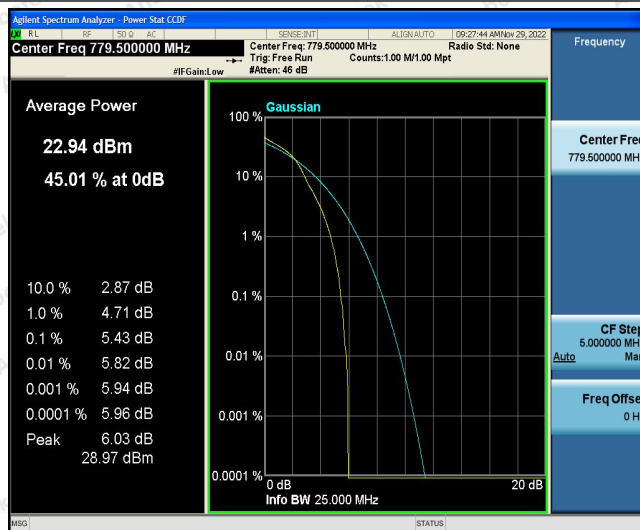
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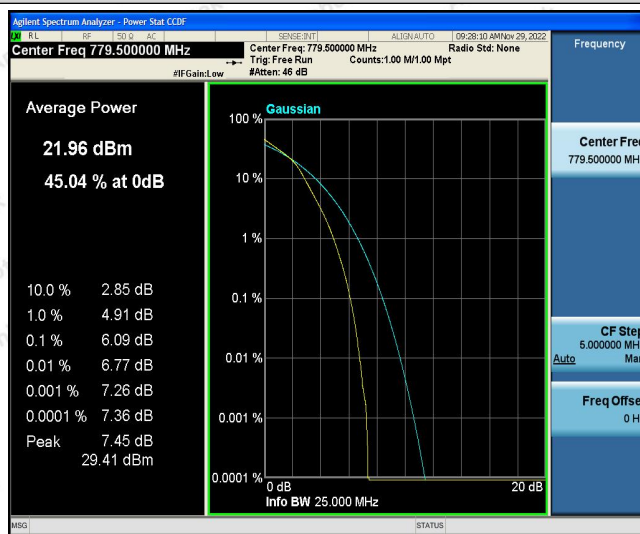
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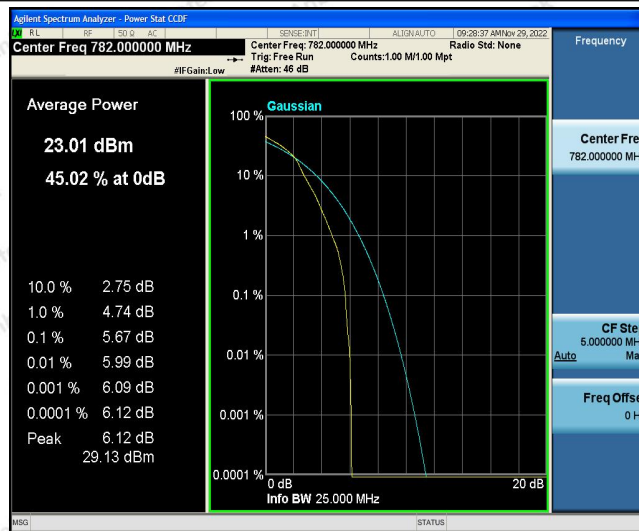
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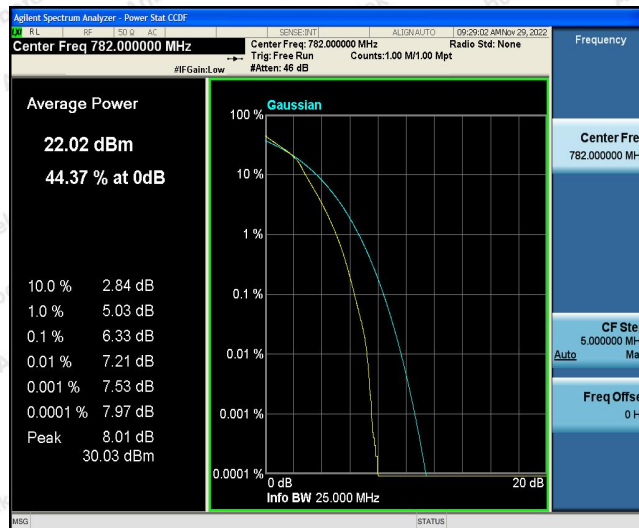
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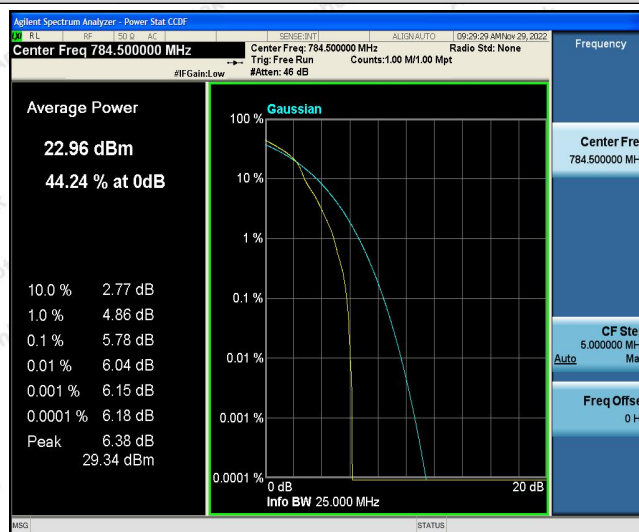
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Band13-5MHz-16QAM-23230-25RB#0



Band13-5MHz-16QAM-23255-1RB#0



Band13-5MHz-16QAM-23255-25RB#0

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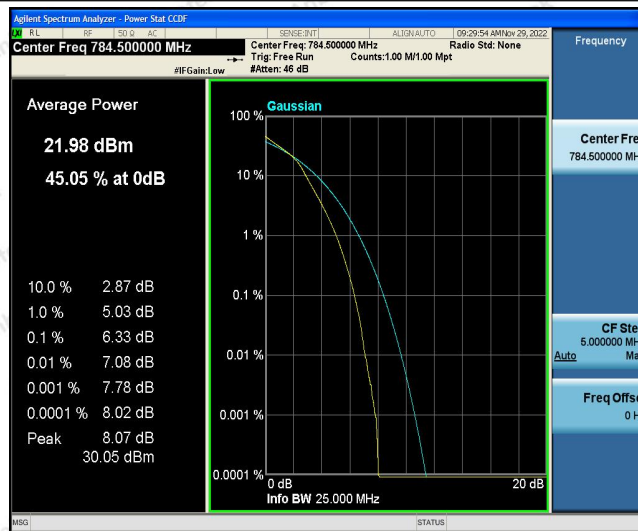
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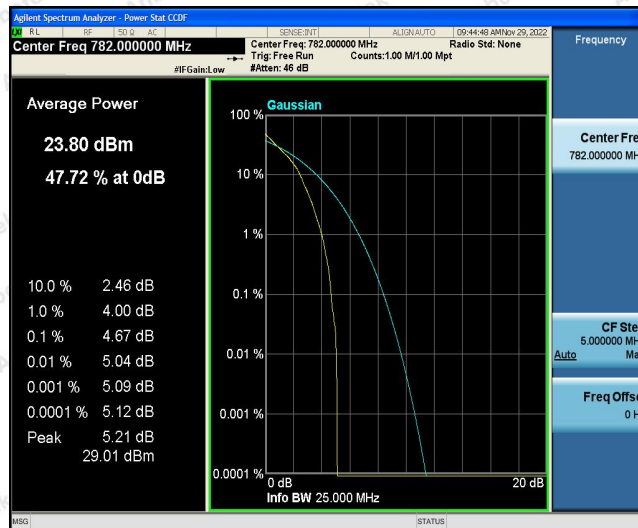
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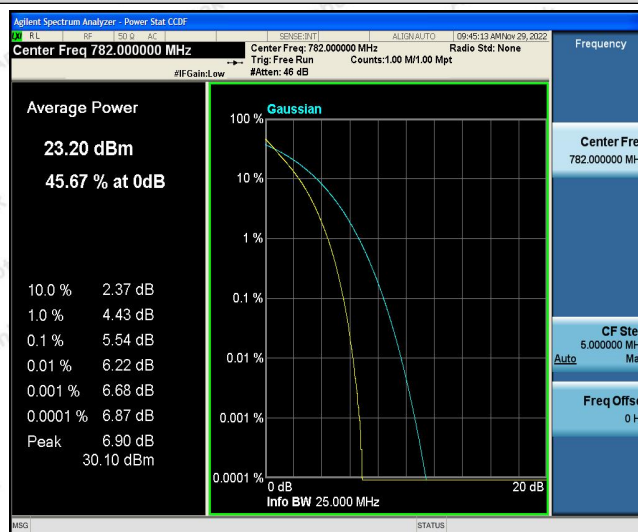
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Band13-10MHz-QPSK-23230-1RB#0



Band13-10MHz-QPSK-23230-50RB#0



Band13-10MHz-16QAM-23230-1RB#0

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Band13-10MHz-16QAM-23230-50RB#0



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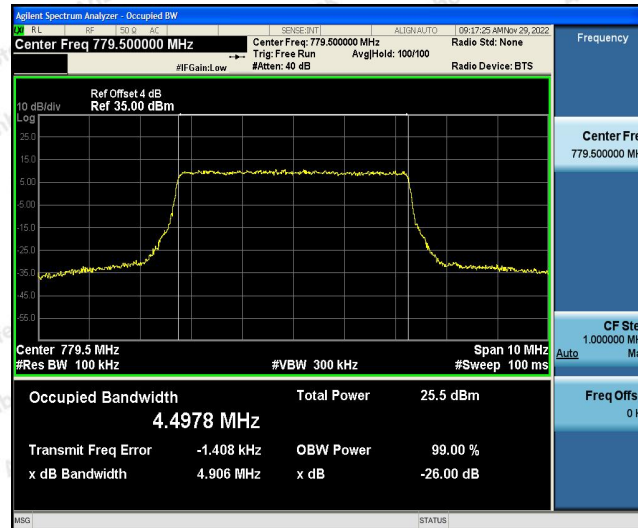
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

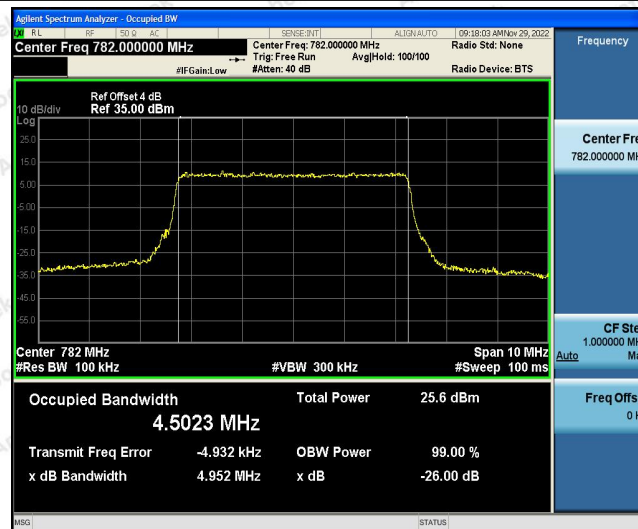
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.4978	4.906	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5023	4.952	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5020	4.986	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4993	4.980	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5115	4.931	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5004	4.951	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9977	9.588	PASS
Band13	10MHz	16QAM	23230	50RB#0	9.0028	9.576	PASS

Test Graphs

Band13-5MHz-QPSK-23205-25RB#0



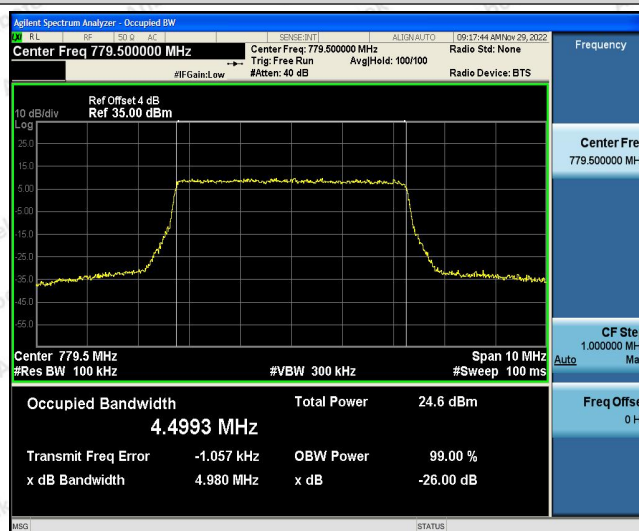
Band13-5MHz-QPSK-23230-25RB#0



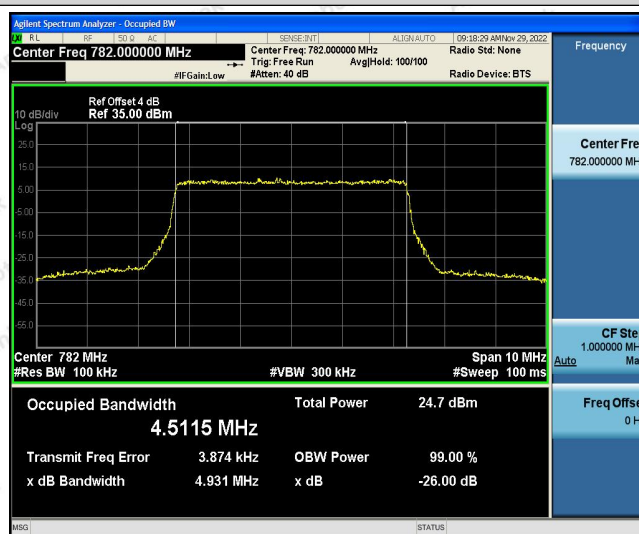
Band13-5MHz-QPSK-23255-25RB#0



Band13-5MHz-16QAM-23205-25RB#0



Band13-5MHz-16QAM-23230-25RB#0



Band13-5MHz-16QAM-23255-25RB#0

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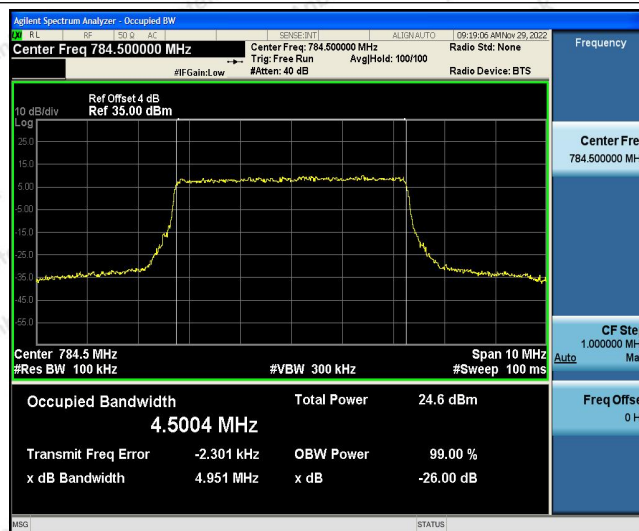
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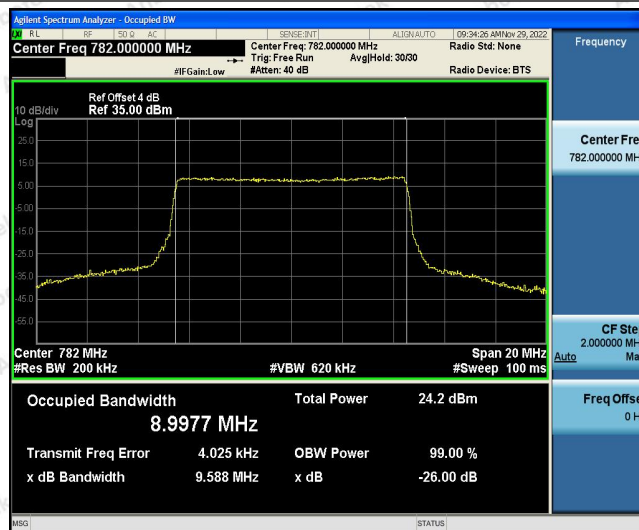
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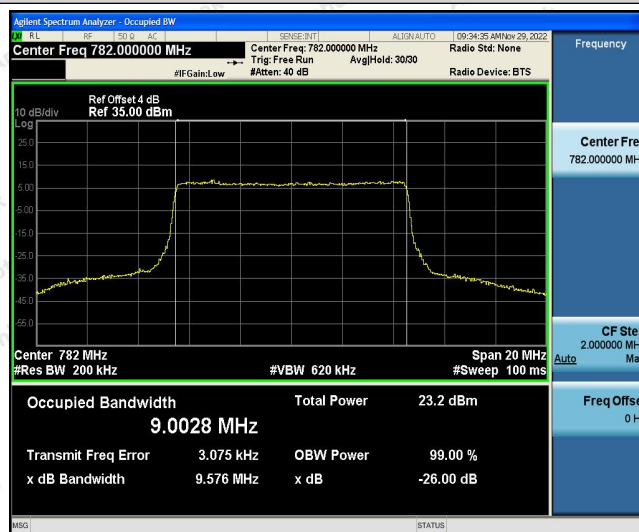
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Band13-10MHz-QPSK-23230-50RB#0



Band13-10MHz-16QAM-23230-50RB#0



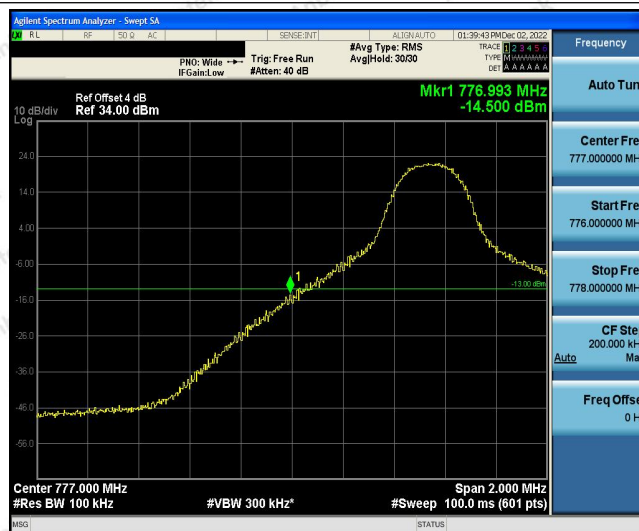
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-14.50	PASS
Band13	5MHz	QPSK	23205	1RB#24	-37.41	PASS
Band13	5MHz	QPSK	23205	25RB#0	-17.78	PASS
Band13	5MHz	QPSK	23255	1RB#0	-41.91	PASS
Band13	5MHz	QPSK	23255	1RB#24	-15.40	PASS
Band13	5MHz	QPSK	23255	25RB#0	-17.34	PASS
Band13	5MHz	16QAM	23205	1RB#0	-15.82	PASS
Band13	5MHz	16QAM	23205	1RB#24	-42.37	PASS
Band13	5MHz	16QAM	23205	25RB#0	-18.16	PASS
Band13	5MHz	16QAM	23255	1RB#0	-36.89	PASS
Band13	5MHz	16QAM	23255	1RB#24	-15.39	PASS
Band13	5MHz	16QAM	23255	25RB#0	-17.83	PASS
Band13	10MHz	QPSK	23230	1RB#0	-16.03,-47.4 1	PASS
Band13	10MHz	QPSK	23230	1RB#49	-47.58,-16.4 0	PASS
Band13	10MHz	QPSK	23230	50RB#0	-22.35,-24.0 2	PASS
Band13	10MHz	16QAM	23230	1RB#0	-15.63,-48.0 9	PASS
Band13	10MHz	16QAM	23230	1RB#49	-47.92,-15.8 9	PASS
Band13	10MHz	16QAM	23230	50RB#0	-24.24,-24.1 2	PASS

Test Graphs

Band13-5MHz-QPSK-23205-1RB#0



Band13-5MHz-QPSK-23205-1RB#24



Band13-5MHz-QPSK-23205-25RB#0



Band13-5MHz-QPSK-23255-1RB#0

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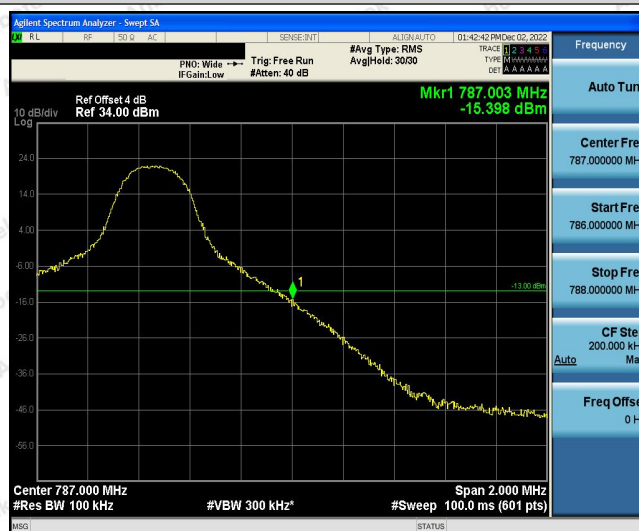
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Band13-5MHz-QPSK-23255-1RB#24



Band13-5MHz-QPSK-23255-25RB#0



Band13-5MHz-16QAM-23205-1RB#0

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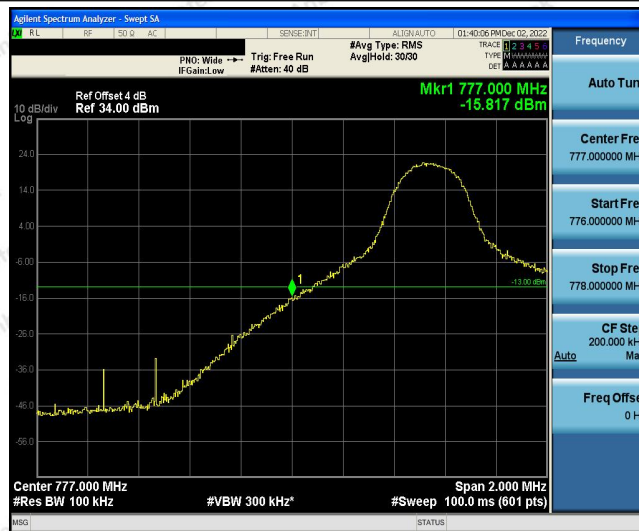
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Band13-5MHz-16QAM-23205-1RB#24



Band13-5MHz-16QAM-23205-25RB#0



Band13-5MHz-16QAM-23255-1RB#0

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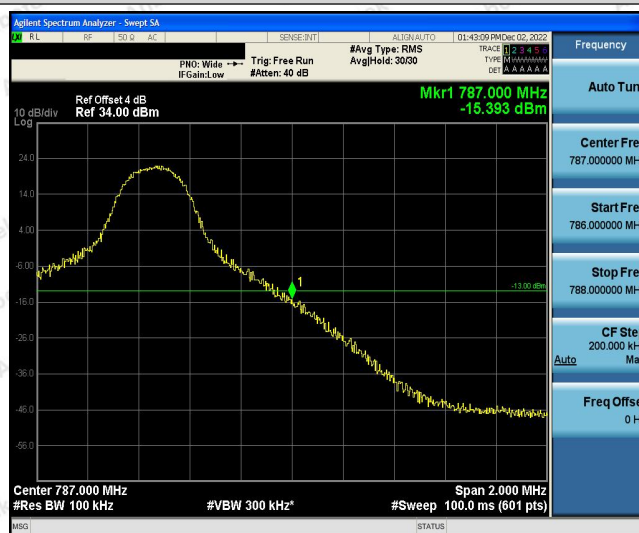
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Band13-5MHz-16QAM-23255-1RB#24



Band13-5MHz-16QAM-23255-25RB#0



Band13-10MHz-QPSK-23230-1RB#0

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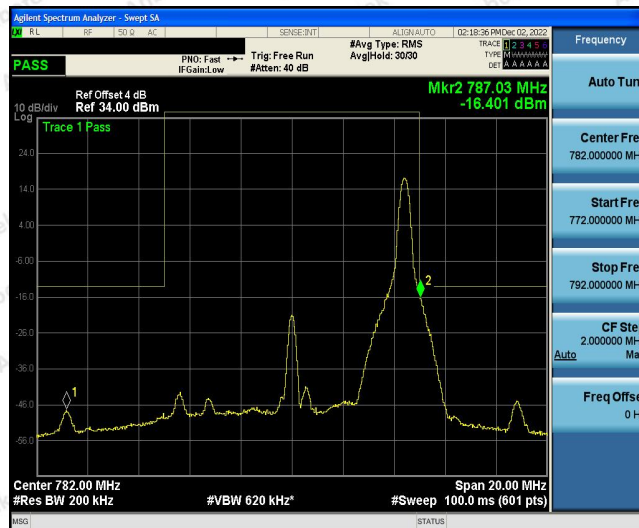
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Band13-10MHz-QPSK-23230-1RB#49



Band13-10MHz-QPSK-23230-50RB#0



Band13-10MHz-16QAM-23230-1RB#0

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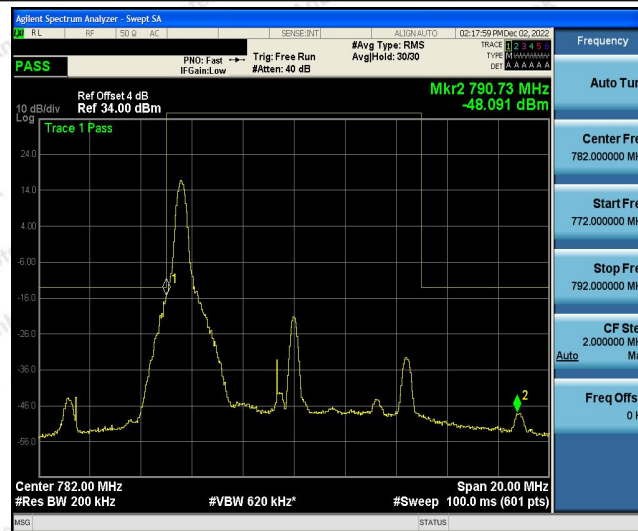
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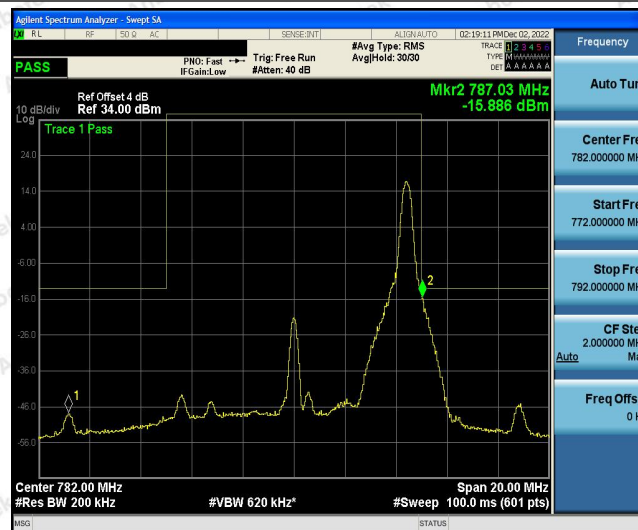
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Band13-10MHz-16QAM-23230-1RB#49



Band13-10MHz-16QAM-23230-50RB#0



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Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-51.2	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-49.73	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-58.71	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-21.4	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:1559~1610MHz	-54.53	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-50.36	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-55.42	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-58.71	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-24.14	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-52.14	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-51.92	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-57.13	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-58.69	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-24.43	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:1559~1610MHz	-56.31	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-51.39	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:763~775MHz	-50.31	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-59.01	PASS

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Hotline
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Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-20.6 2	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range5:1559~1610MHz	-54.9 2	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-51.0 7	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-53.1	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-58.8 1	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-23.2 4	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-53.7 8	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-51	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:763~775MHz	-58.2 4	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range4:793~805MHz	-58.8 2	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-27.2	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range5:1559~1610MHz	-55.9 6	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-51.2 8	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-45.3 3	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-52.3 6	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-22.4 8	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-53.1 5	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-51.3 1	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-45.1 4	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-55	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-20.7 9	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-53.7 5	PASS

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