

Appendix Test Data

Report No.:	18220WC10271807	Test Sample No.:	1-2-2
Start Test Date:	2021.12.22	Finish Test Date:	2021.12.27
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57 %
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	23.87	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.97	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.76	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.81	PASS
Band13	5MHz	QPSK	23205	12RB#6	22.87	PASS
Band13	5MHz	QPSK	23205	12RB#13	22.80	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.86	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.83	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.83	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.74	PASS
Band13	5MHz	QPSK	23230	12RB#0	22.76	PASS
Band13	5MHz	QPSK	23230	12RB#6	22.78	PASS
Band13	5MHz	QPSK	23230	12RB#13	22.78	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.80	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.73	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.73	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.62	PASS
Band13	5MHz	QPSK	23255	12RB#0	22.69	PASS
Band13	5MHz	QPSK	23255	12RB#6	22.76	PASS
Band13	5MHz	QPSK	23255	12RB#13	22.68	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.70	PASS

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Band13	5MHz	16QAM	23205	1RB#0	23.08	PASS
Band13	5MHz	16QAM	23205	1RB#12	23.12	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.95	PASS
Band13	5MHz	16QAM	23205	12RB#0	22.01	PASS
Band13	5MHz	16QAM	23205	12RB#6	22.00	PASS
Band13	5MHz	16QAM	23205	12RB#13	21.93	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.95	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.87	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.89	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.78	PASS
Band13	5MHz	16QAM	23230	12RB#0	21.83	PASS
Band13	5MHz	16QAM	23230	12RB#6	21.89	PASS
Band13	5MHz	16QAM	23230	12RB#13	21.84	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.98	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.71	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.80	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.65	PASS
Band13	5MHz	16QAM	23255	12RB#0	21.77	PASS
Band13	5MHz	16QAM	23255	12RB#6	21.77	PASS
Band13	5MHz	16QAM	23255	12RB#13	21.74	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.77	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.89	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.98	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.77	PASS
Band13	10MHz	QPSK	23230	25RB#0	22.90	PASS
Band13	10MHz	QPSK	23230	25RB#12	22.91	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.89	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.94	PASS
Band13	10MHz	16QAM	23230	1RB#0	23.18	PASS
Band13	10MHz	16QAM	23230	1RB#24	23.13	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.91	PASS
Band13	10MHz	16QAM	23230	25RB#0	22.01	PASS
Band13	10MHz	16QAM	23230	25RB#12	22.00	PASS
Band13	10MHz	16QAM	23230	25RB#25	21.94	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.99	PASS

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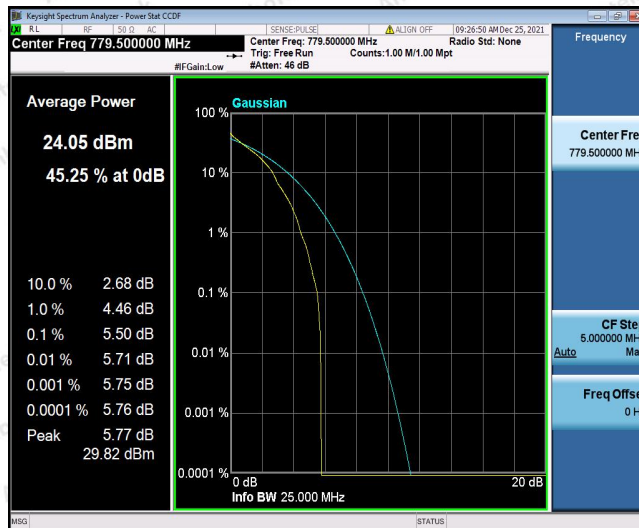
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

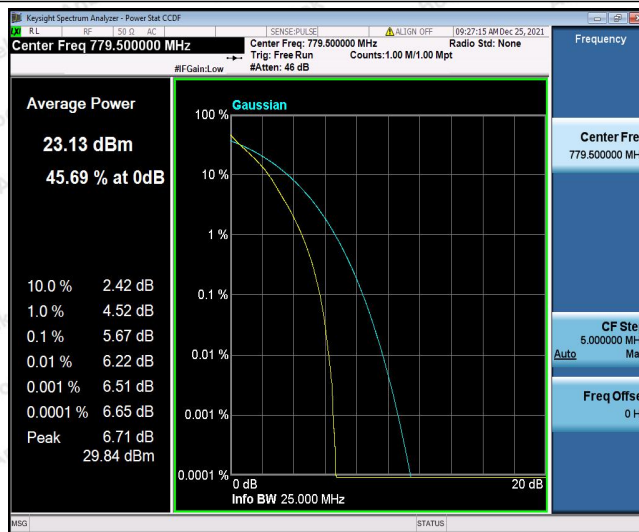
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	5.50	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.67	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	5.29	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.60	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.85	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.62	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.80	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.37	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.86	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.32	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.38	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.32	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	5.16	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.66	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	6.07	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.40	13	PASS

Test Graphs

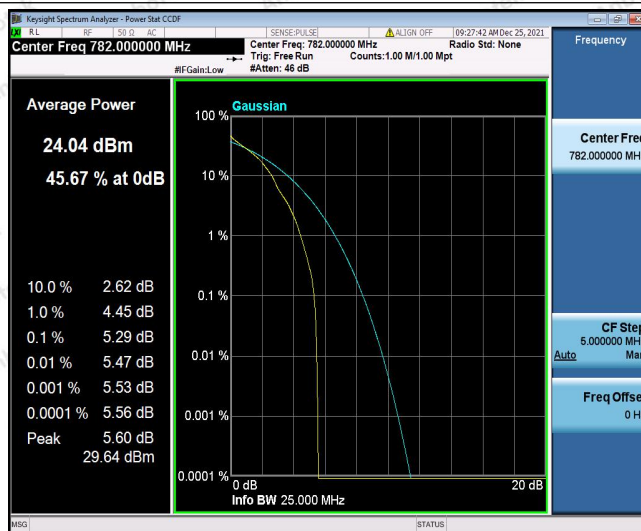
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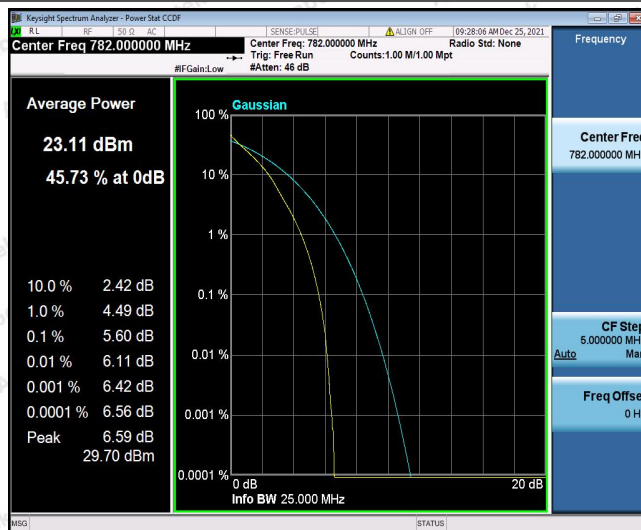
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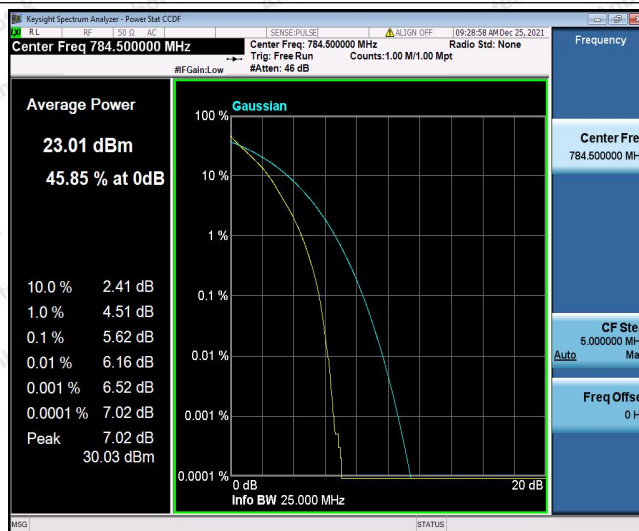
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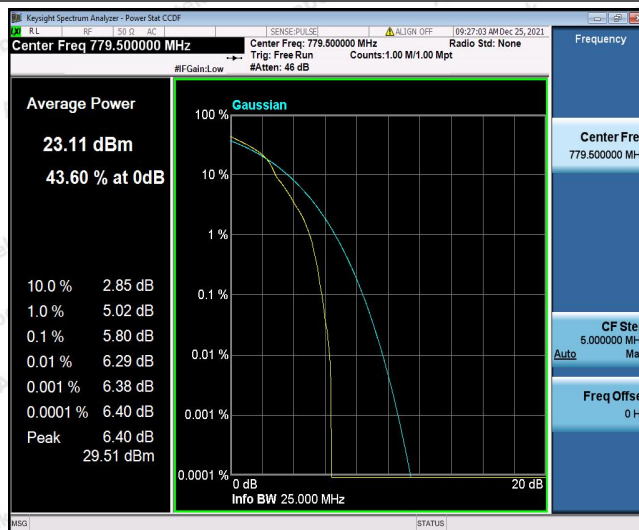
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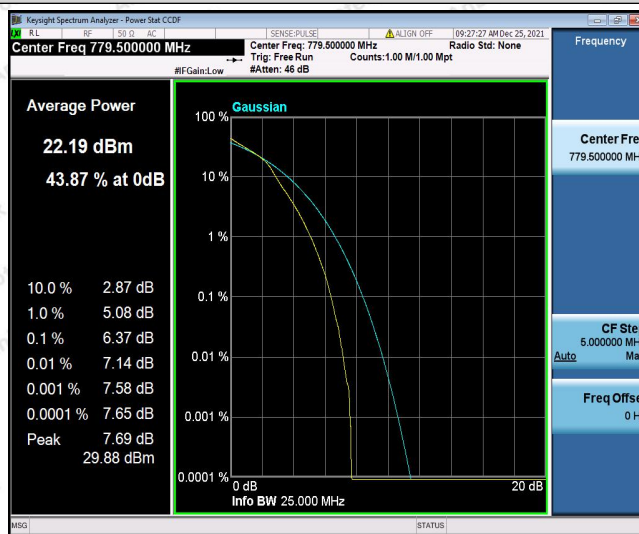
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Band13-5MHz-16QAM-23205-1RB#0



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



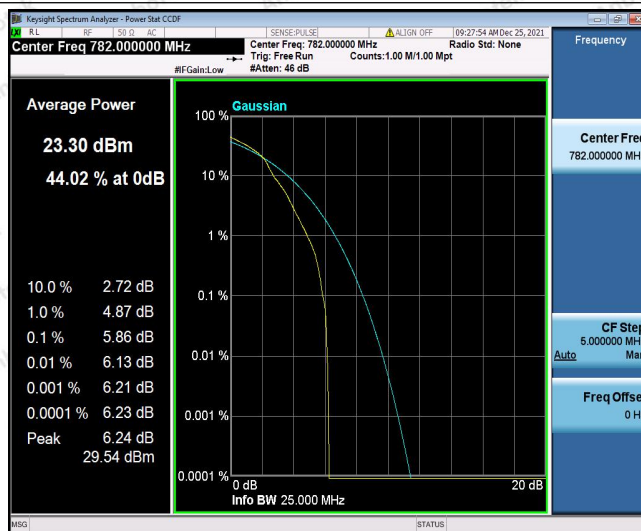
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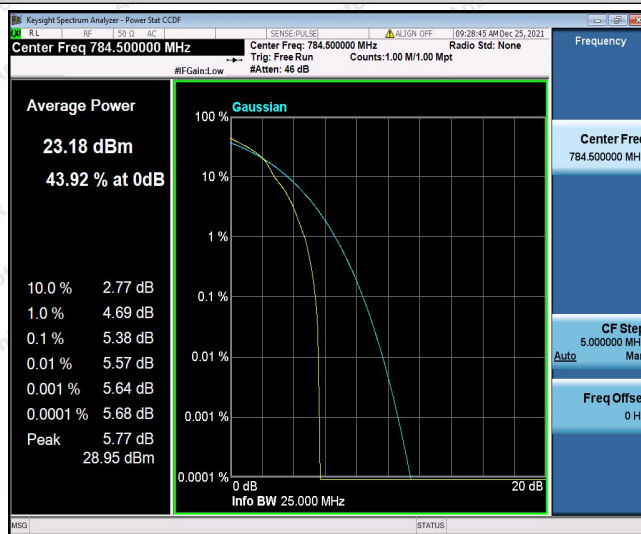
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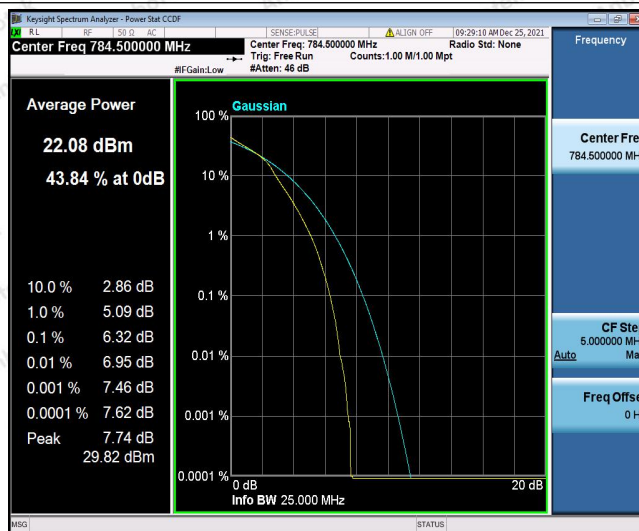
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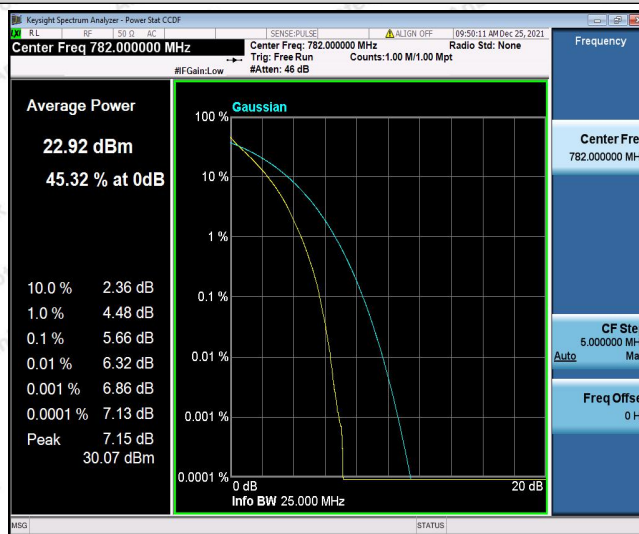
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Band13-10MHz-QPSK-23230-1RB#0



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 h	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5018	4.968	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5084	4.961	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5013	4.972	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5066	5.002	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5108	4.944	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5045	4.940	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9900	9.616	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9754	9.584	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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Band13-10MHz-QPSK-23230-50RB#0



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



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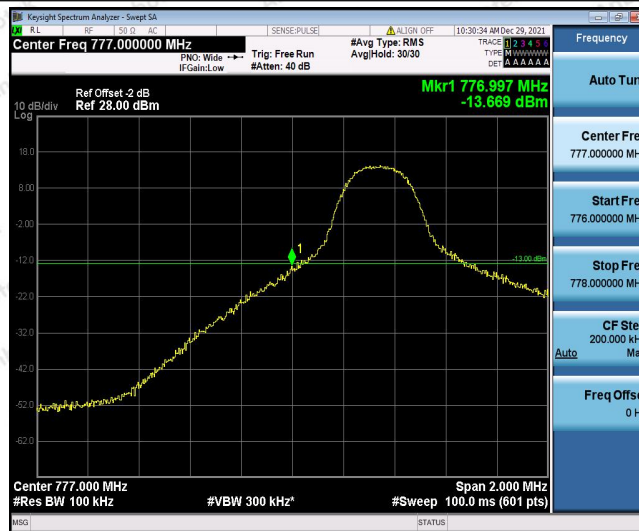
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-13.67	PASS
Band13	5MHz	QPSK	23205	1RB#24	-51.48	PASS
Band13	5MHz	QPSK	23205	25RB#0	-25.41	PASS
Band13	5MHz	QPSK	23255	1RB#0	-50.69	PASS
Band13	5MHz	QPSK	23255	1RB#24	-14.68	PASS
Band13	5MHz	QPSK	23255	25RB#0	-26.00	PASS
Band13	5MHz	16QAM	23205	1RB#0	-13.59	PASS
Band13	5MHz	16QAM	23205	1RB#24	-51.65	PASS
Band13	5MHz	16QAM	23205	25RB#0	-26.14	PASS
Band13	5MHz	16QAM	23255	1RB#0	-50.80	PASS
Band13	5MHz	16QAM	23255	1RB#24	-15.40	PASS
Band13	5MHz	16QAM	23255	25RB#0	-26.52	PASS
Band13	10MHz	QPSK	23230	1RB#0	-17.52,-50.75	PASS
Band13	10MHz	QPSK	23230	1RB#49	-51.16,-18.10	PASS
Band13	10MHz	QPSK	23230	50RB#0	-29.88,-31.46	PASS
Band13	10MHz	16QAM	23230	1RB#0	-17.89,-50.64	PASS
Band13	10MHz	16QAM	23230	1RB#49	-51.15,-18.67	PASS
Band13	10MHz	16QAM	23230	50RB#0	-32.84,-32.22	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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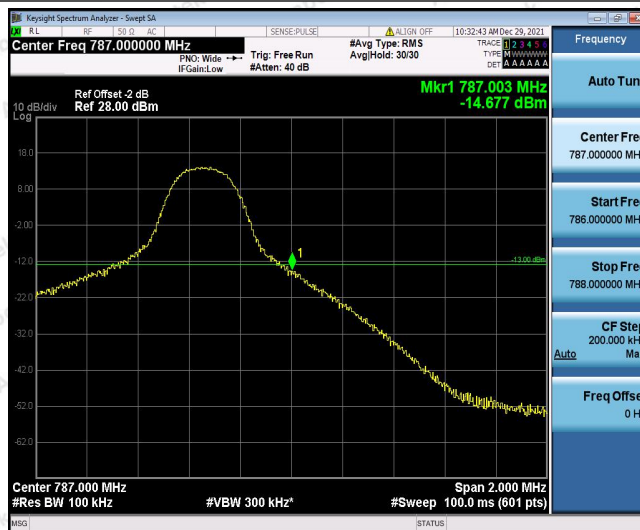
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Band13-5MHz-QPSK-23255-1RB#24



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



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

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



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

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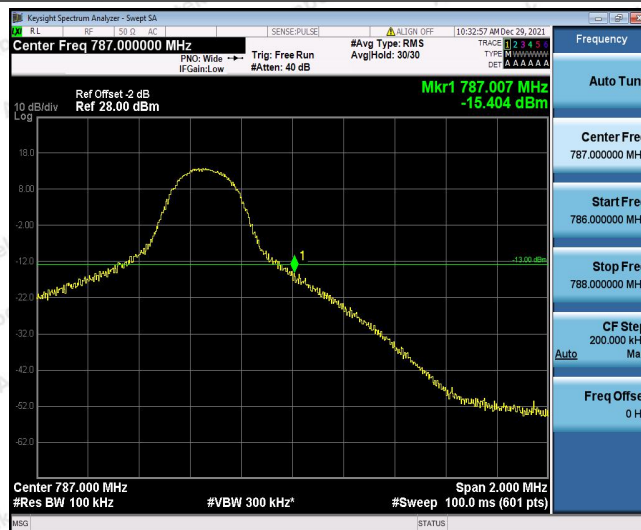
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Band13-5MHz-16QAM-23255-1RB#24



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



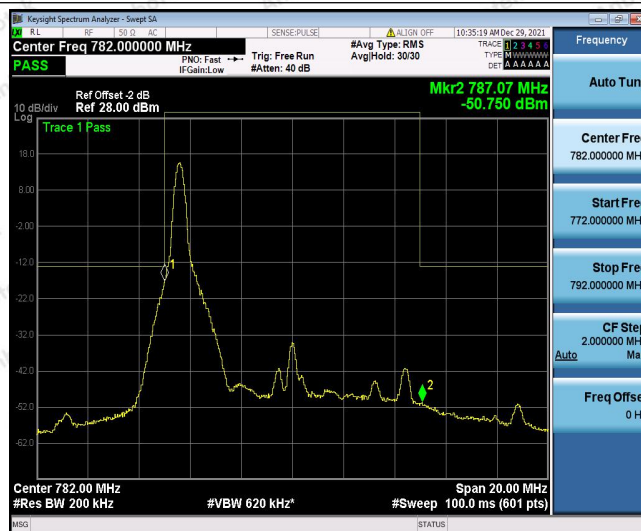
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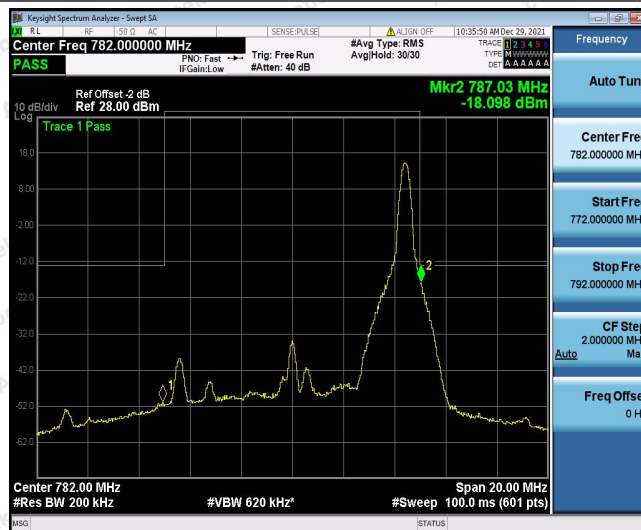
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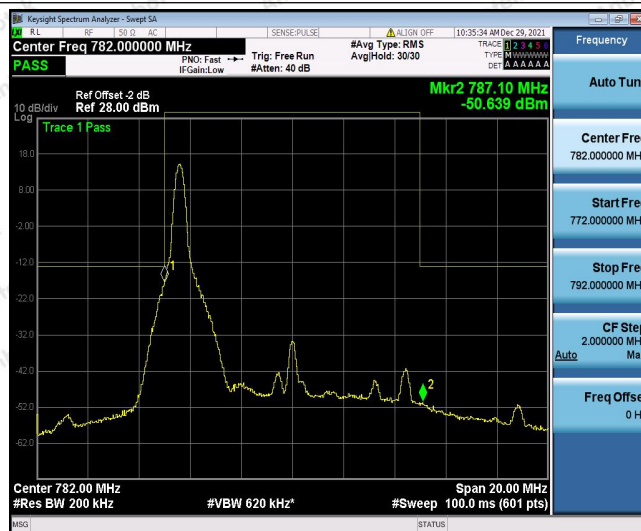
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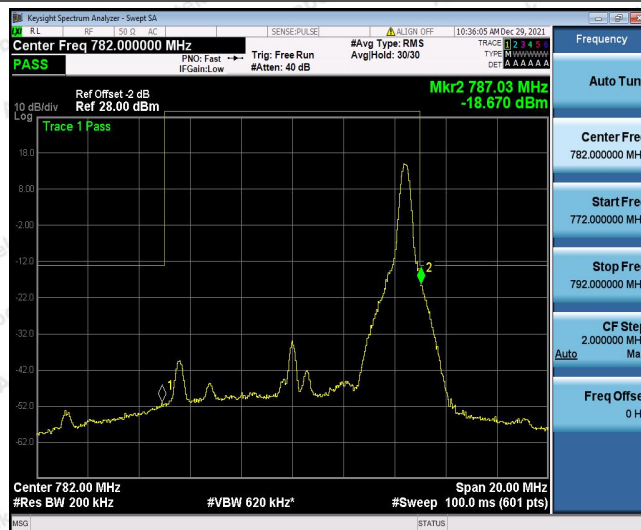
Band13-10MHz-QPSK-23230-50RB#0



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



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



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



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	-38.9	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-51.13	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-56.49	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-22.5	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:1559~1610MHz	-80.51	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-39.1	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-41.2	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-55.86	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-20.74	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-80.59	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-38.36	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-57.2	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-57.74	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-25.03	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:1559~1610MHz	-81.46	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-39	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:763~775MHz	-52.22	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-57.24	PASS

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