

Test Data for E-UTRA Band 17

EUT: <u>Phone</u>	Model: <u>G65</u>
Ambient Condition: <u>25</u> °C, <u>45</u> %RH, <u>101.325</u> kPa	
Test Engineer: <u>Jack Zhou</u>	

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power (dBm)	ERP(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	22.44	15.54	PASS
Band17	5MHz	QPSK	23755	1RB#12	22.51	15.61	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.39	15.49	PASS
Band17	5MHz	QPSK	23755	12RB#0	21.38	14.48	PASS
Band17	5MHz	QPSK	23755	12RB#6	21.39	14.49	PASS
Band17	5MHz	QPSK	23755	12RB#13	21.37	14.47	PASS
Band17	5MHz	QPSK	23755	25RB#0	21.33	14.43	PASS
Band17	5MHz	QPSK	23790	1RB#0	22.41	15.51	PASS
Band17	5MHz	QPSK	23790	1RB#12	22.54	15.64	PASS
Band17	5MHz	QPSK	23790	1RB#24	22.44	15.54	PASS
Band17	5MHz	QPSK	23790	12RB#0	21.45	14.55	PASS
Band17	5MHz	QPSK	23790	12RB#6	21.46	14.56	PASS
Band17	5MHz	QPSK	23790	12RB#13	21.42	14.52	PASS
Band17	5MHz	QPSK	23790	25RB#0	21.36	14.46	PASS
Band17	5MHz	QPSK	23825	1RB#0	22.47	15.57	PASS
Band17	5MHz	QPSK	23825	1RB#12	22.07	15.17	PASS
Band17	5MHz	QPSK	23825	1RB#24	21.96	15.06	PASS
Band17	5MHz	QPSK	23825	12RB#0	21.03	14.13	PASS
Band17	5MHz	QPSK	23825	12RB#6	21.05	14.15	PASS
Band17	5MHz	QPSK	23825	12RB#13	20.97	14.07	PASS
Band17	5MHz	QPSK	23825	25RB#0	21.00	14.10	PASS
Band17	5MHz	16QAM	23755	1RB#0	21.45	14.55	PASS
Band17	5MHz	16QAM	23755	1RB#12	21.51	14.61	PASS
Band17	5MHz	16QAM	23755	1RB#24	21.48	14.58	PASS
Band17	5MHz	16QAM	23755	12RB#0	20.37	13.47	PASS
Band17	5MHz	16QAM	23755	12RB#6	20.36	13.46	PASS
Band17	5MHz	16QAM	23755	12RB#13	20.36	13.46	PASS
Band17	5MHz	16QAM	23755	25RB#0	20.38	13.48	PASS
Band17	5MHz	16QAM	23790	1RB#0	21.40	14.50	PASS
Band17	5MHz	16QAM	23790	1RB#12	21.49	14.59	PASS
Band17	5MHz	16QAM	23790	1RB#24	21.56	14.66	PASS

Band17	5MHz	16QAM	23790	12RB#0	20.46	13.56	PASS
Band17	5MHz	16QAM	23790	12RB#6	20.42	13.52	PASS
Band17	5MHz	16QAM	23790	12RB#13	20.43	13.53	PASS
Band17	5MHz	16QAM	23790	25RB#0	20.35	13.45	PASS
Band17	5MHz	16QAM	23825	1RB#0	21.19	14.29	PASS
Band17	5MHz	16QAM	23825	1RB#12	21.23	14.33	PASS
Band17	5MHz	16QAM	23825	1RB#24	21.19	14.29	PASS
Band17	5MHz	16QAM	23825	12RB#0	20.05	13.15	PASS
Band17	5MHz	16QAM	23825	12RB#6	20.02	13.12	PASS
Band17	5MHz	16QAM	23825	12RB#13	20.01	13.11	PASS
Band17	5MHz	16QAM	23825	25RB#0	19.99	13.09	PASS
Band17	10MHz	QPSK	23780	1RB#0	21.76	14.86	PASS
Band17	10MHz	QPSK	23780	1RB#24	21.91	15.01	PASS
Band17	10MHz	QPSK	23780	1RB#49	21.89	14.99	PASS
Band17	10MHz	QPSK	23780	25RB#0	20.88	13.98	PASS
Band17	10MHz	QPSK	23780	25RB#12	20.92	14.02	PASS
Band17	10MHz	QPSK	23780	25RB#25	20.91	14.01	PASS
Band17	10MHz	QPSK	23780	50RB#0	20.93	14.03	PASS
Band17	10MHz	QPSK	23790	1RB#0	21.84	14.94	PASS
Band17	10MHz	QPSK	23790	1RB#24	21.99	15.09	PASS
Band17	10MHz	QPSK	23790	1RB#49	21.94	15.04	PASS
Band17	10MHz	QPSK	23790	25RB#0	21.07	14.17	PASS
Band17	10MHz	QPSK	23790	25RB#12	21.06	14.16	PASS
Band17	10MHz	QPSK	23790	25RB#25	21.02	14.12	PASS
Band17	10MHz	QPSK	23790	50RB#0	20.99	14.09	PASS
Band17	10MHz	QPSK	23800	1RB#0	21.83	14.93	PASS
Band17	10MHz	QPSK	23800	1RB#24	22.08	15.18	PASS
Band17	10MHz	QPSK	23800	1RB#49	21.94	15.04	PASS
Band17	10MHz	QPSK	23800	25RB#0	21.08	14.18	PASS
Band17	10MHz	QPSK	23800	25RB#12	21.12	14.22	PASS
Band17	10MHz	QPSK	23800	25RB#25	21.00	14.10	PASS
Band17	10MHz	QPSK	23800	50RB#0	21.09	14.19	PASS
Band17	10MHz	16QAM	23780	1RB#0	20.96	14.06	PASS
Band17	10MHz	16QAM	23780	1RB#24	21.14	14.24	PASS
Band17	10MHz	16QAM	23780	1RB#49	21.11	14.21	PASS
Band17	10MHz	16QAM	23780	25RB#0	19.88	12.98	PASS
Band17	10MHz	16QAM	23780	25RB#12	19.89	12.99	PASS

Band17	10MHz	16QAM	23780	25RB#25	19.87	12.97	PASS
Band17	10MHz	16QAM	23780	50RB#0	19.90	13.00	PASS
Band17	10MHz	16QAM	23790	1RB#0	21.05	14.15	PASS
Band17	10MHz	16QAM	23790	1RB#24	21.28	14.38	PASS
Band17	10MHz	16QAM	23790	1RB#49	21.15	14.25	PASS
Band17	10MHz	16QAM	23790	25RB#0	20.00	13.10	PASS
Band17	10MHz	16QAM	23790	25RB#12	19.99	13.09	PASS
Band17	10MHz	16QAM	23790	25RB#25	20.02	13.12	PASS
Band17	10MHz	16QAM	23790	50RB#0	19.99	13.09	PASS
Band17	10MHz	16QAM	23800	1RB#0	21.01	14.11	PASS
Band17	10MHz	16QAM	23800	1RB#24	21.28	14.38	PASS
Band17	10MHz	16QAM	23800	1RB#49	21.19	14.29	PASS
Band17	10MHz	16QAM	23800	25RB#0	20.11	13.21	PASS
Band17	10MHz	16QAM	23800	25RB#12	20.11	13.21	PASS
Band17	10MHz	16QAM	23800	25RB#25	20.07	13.17	PASS
Band17	10MHz	16QAM	23800	50RB#0	20.04	13.14	PASS

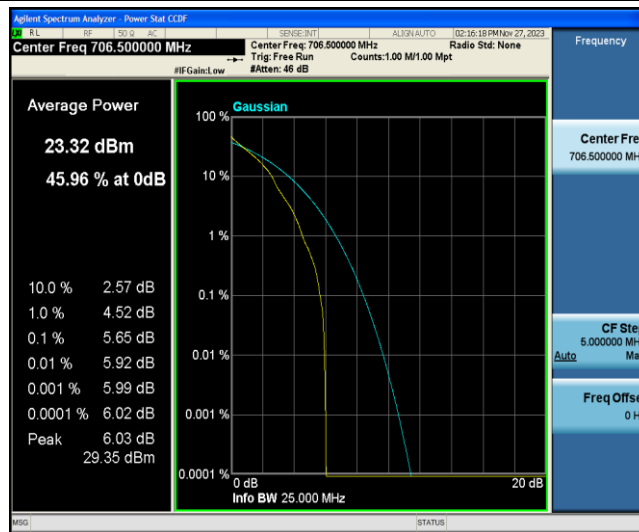
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

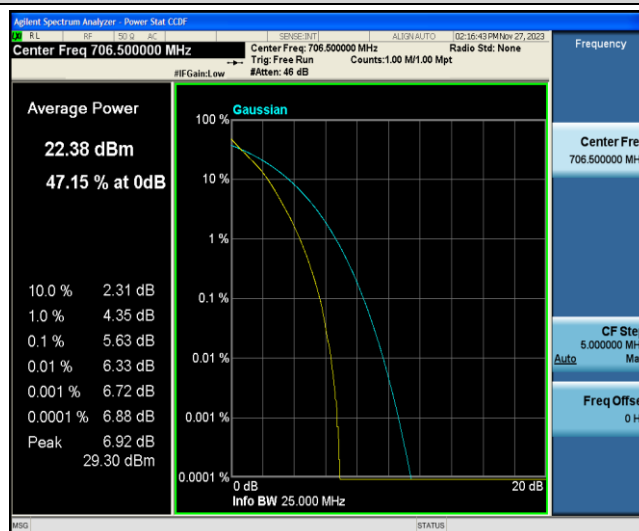
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	5.65	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.63	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	5.33	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.58	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	5.26	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.67	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	6.03	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.25	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	6.03	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.24	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.68	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.31	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	5.39	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.57	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	5.11	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.57	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	5.37	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.61	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	6.08	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.24	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.76	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.29	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	6.17	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.32	13	PASS

Test Graphs

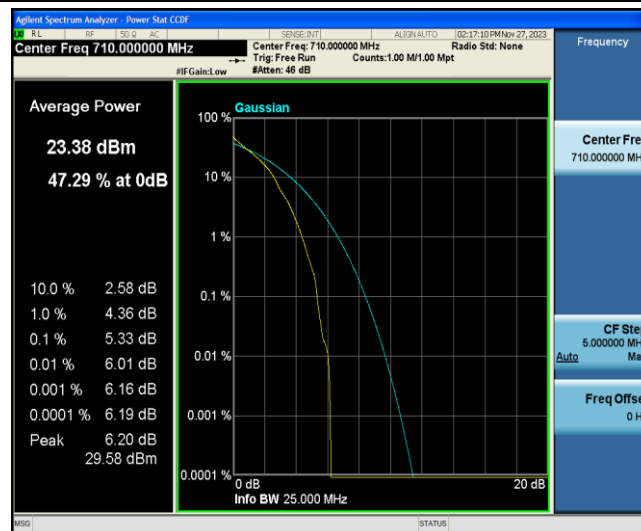
Band17-5MHz-QPSK-23755-1RB#0



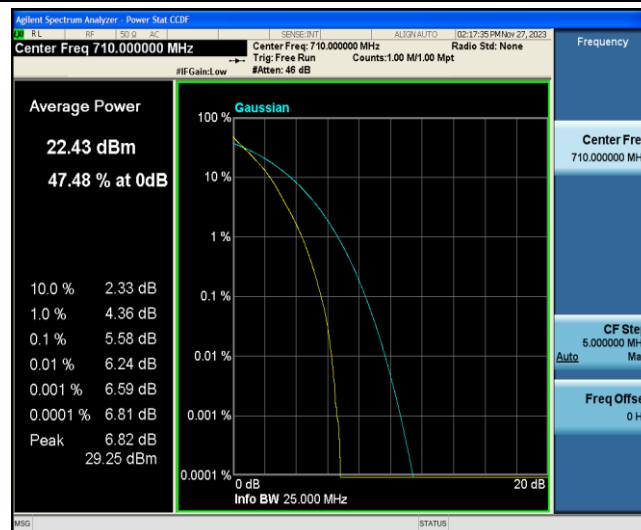
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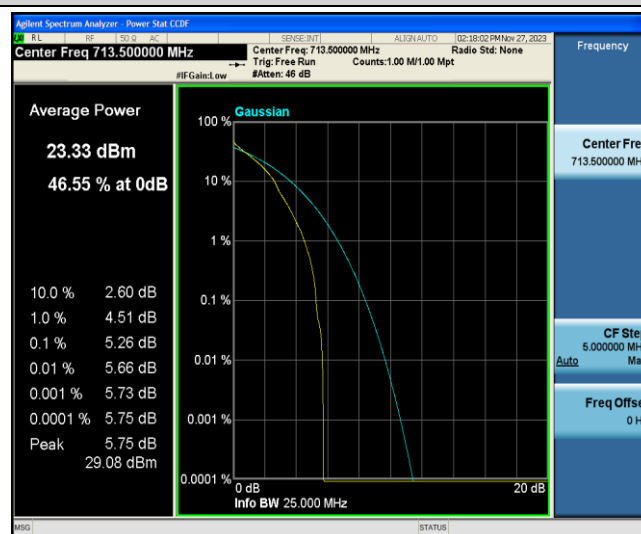
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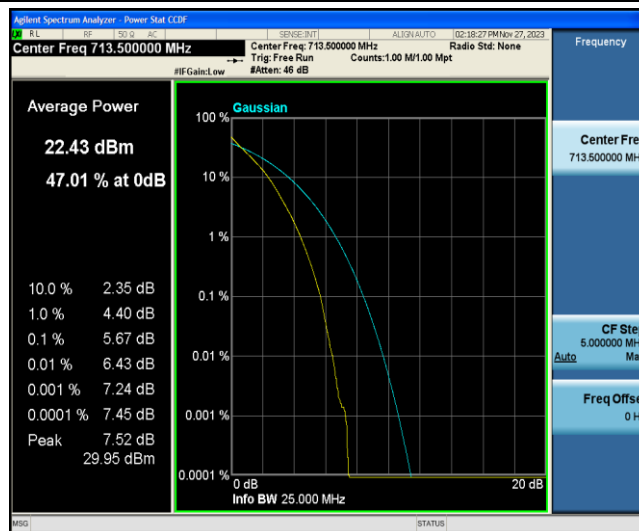
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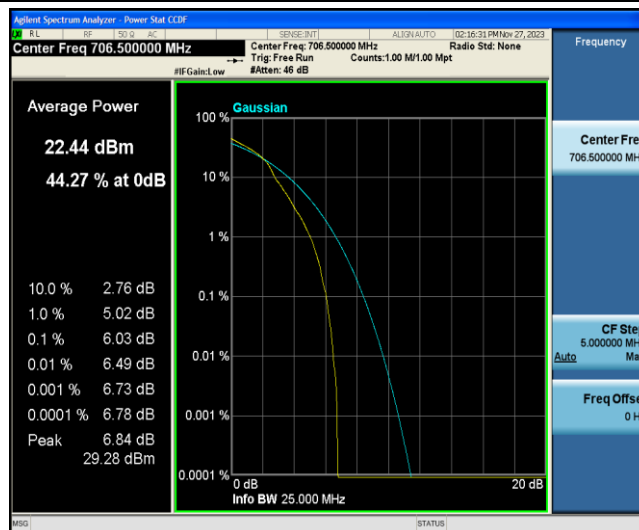
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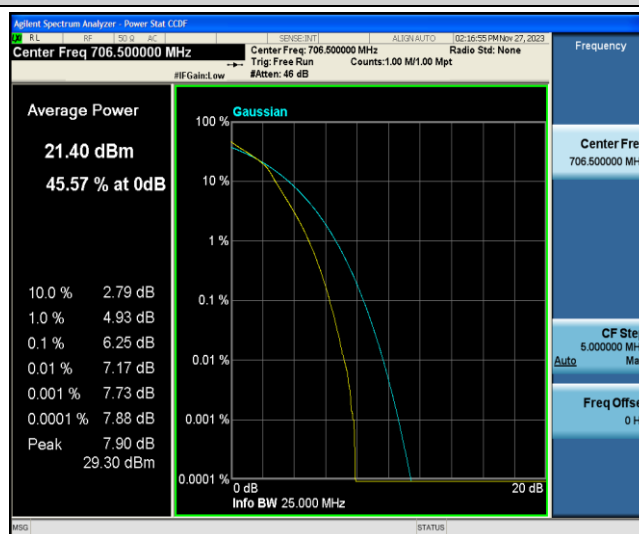
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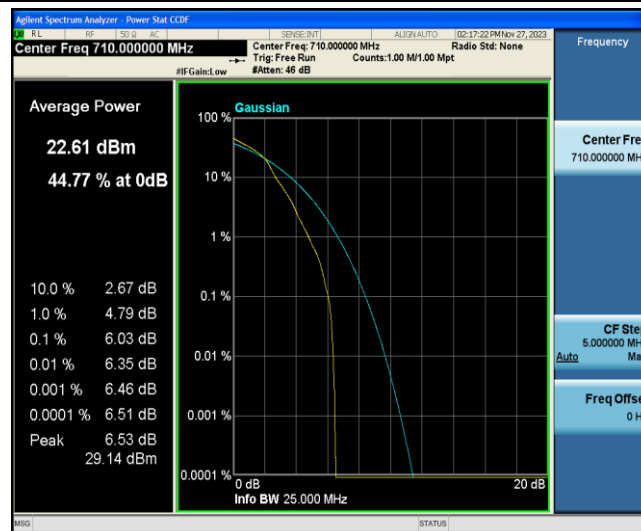
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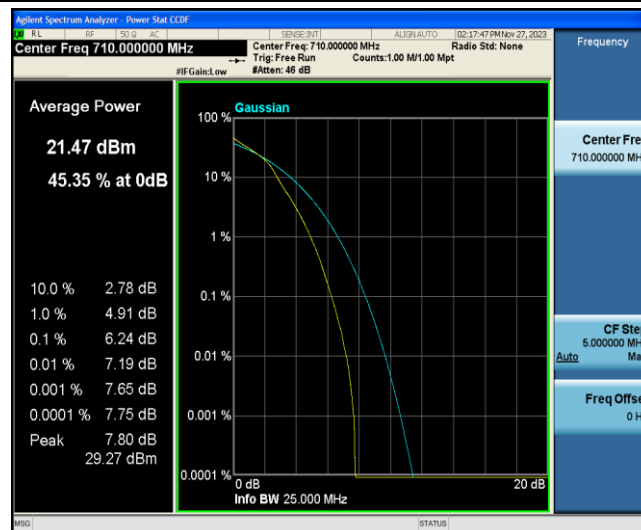
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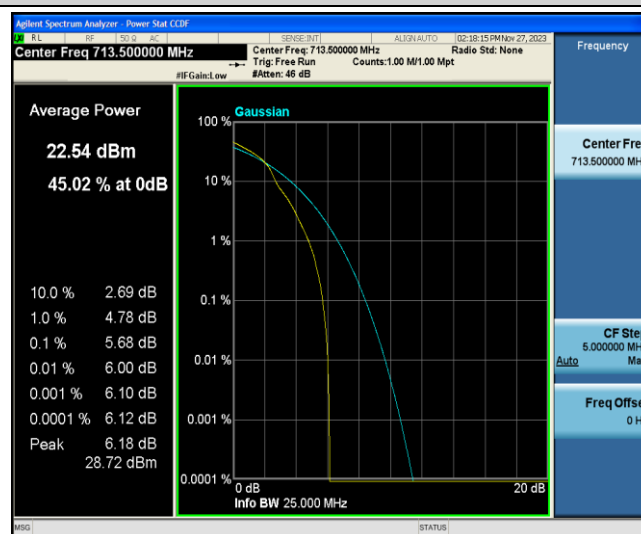
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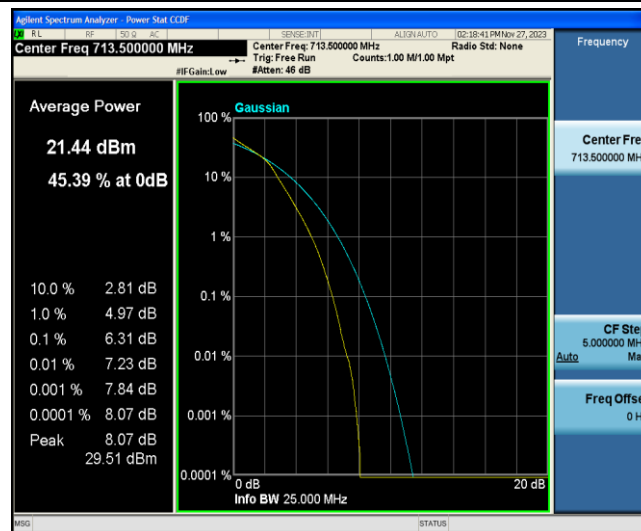
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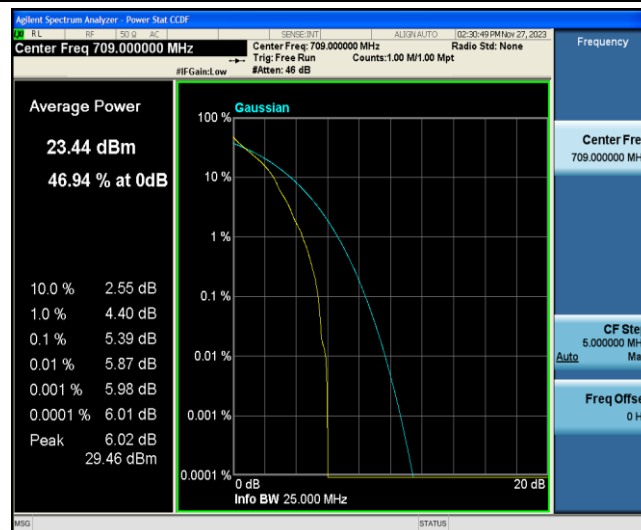
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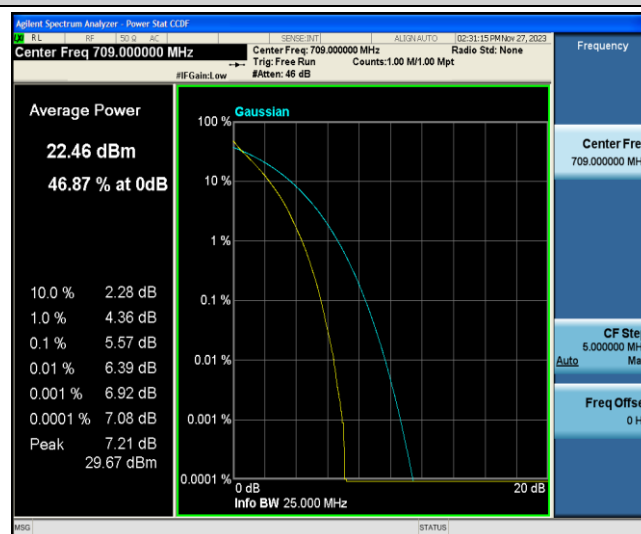
Band17-5MHz-16QAM-23825-25RB#0



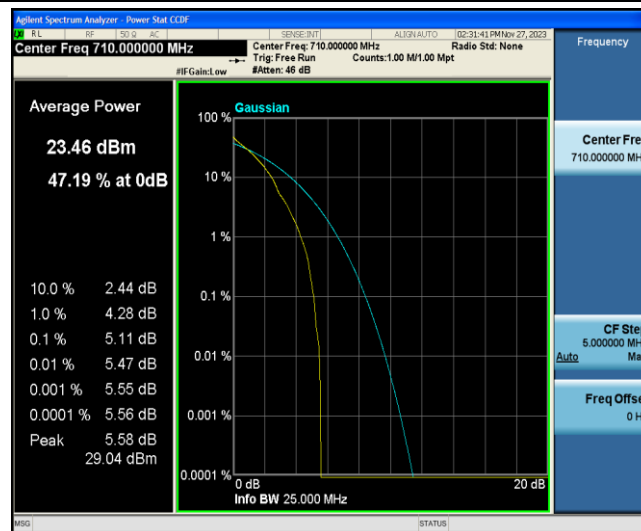
Band17-10MHz-QPSK-23780-1RB#0



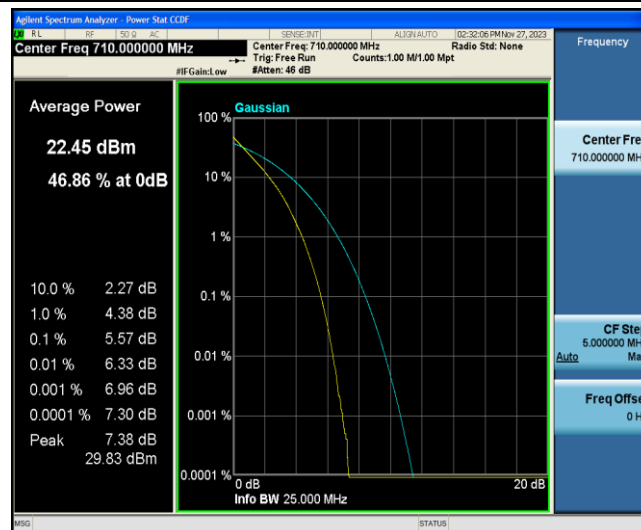
Band17-10MHz-QPSK-23780-50RB#0



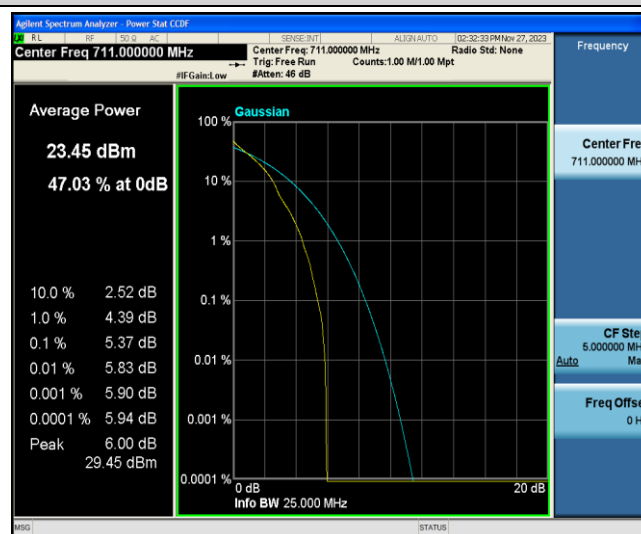
Band17-10MHz-QPSK-23790-1RB#0



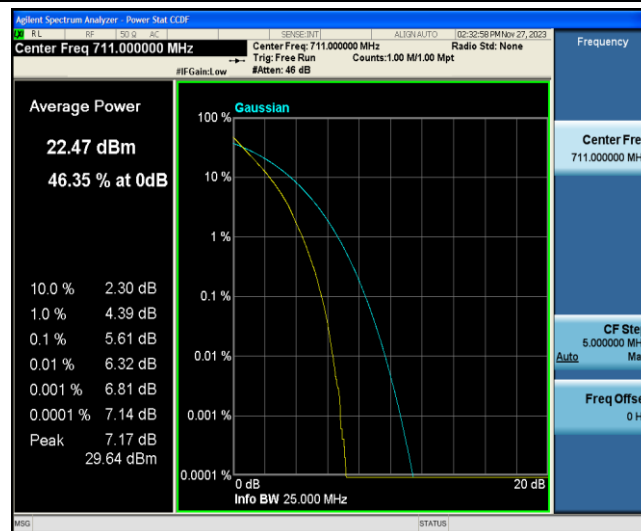
Band17-10MHz-QPSK-23790-50RB#0



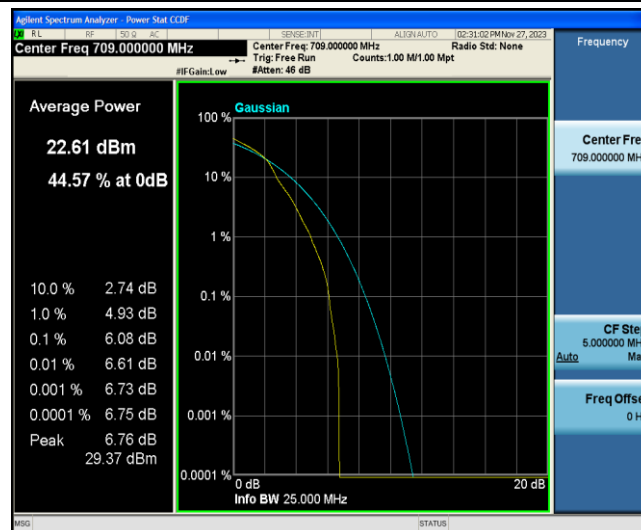
Band17-10MHz-QPSK-23800-1RB#0



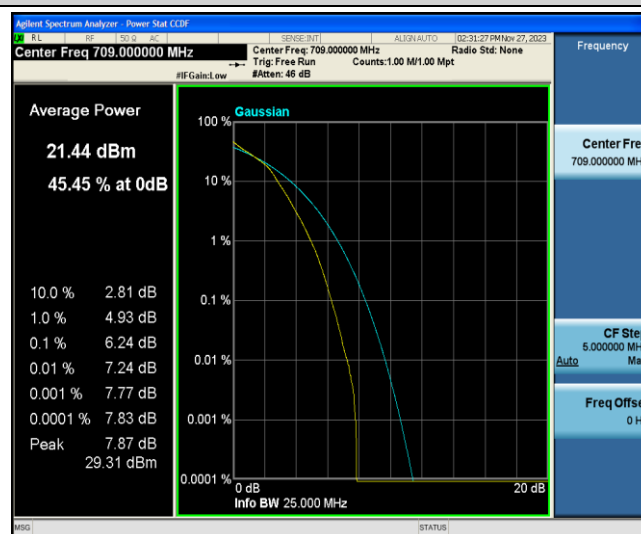
Band17-10MHz-QPSK-23800-50RB#0



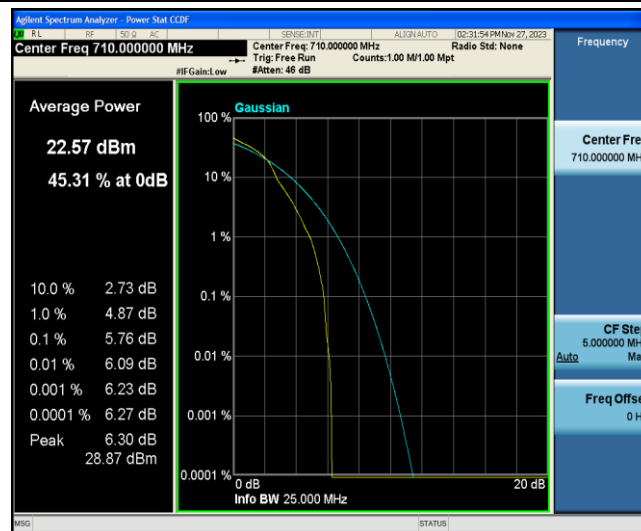
Band17-10MHz-16QAM-23780-1RB#0



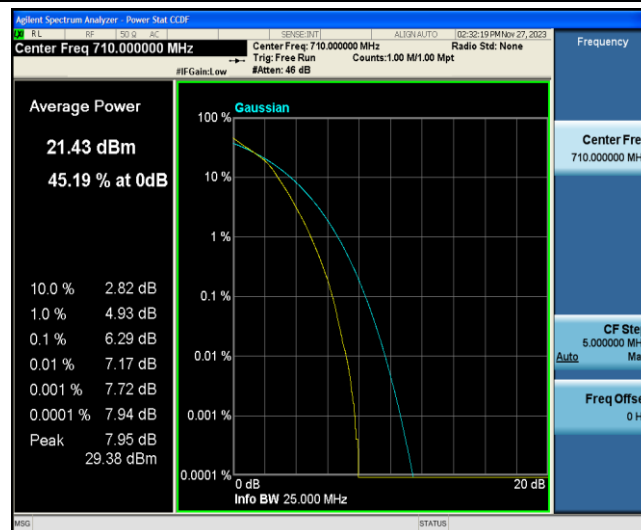
Band17-10MHz-16QAM-23780-50RB#0



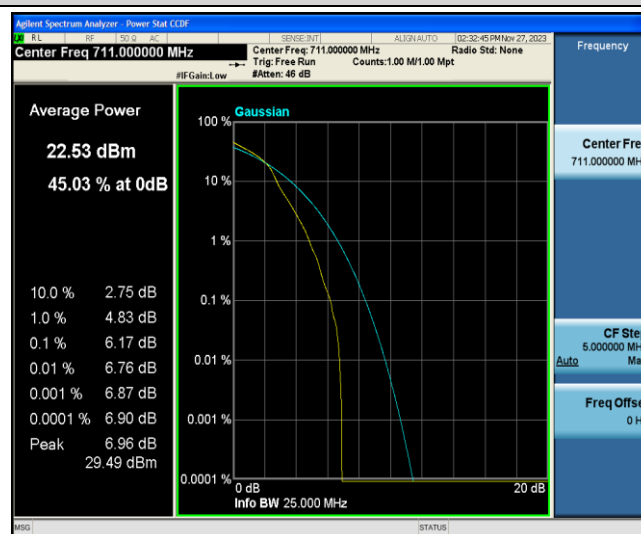
Band17-10MHz-16QAM-23790-1RB#0



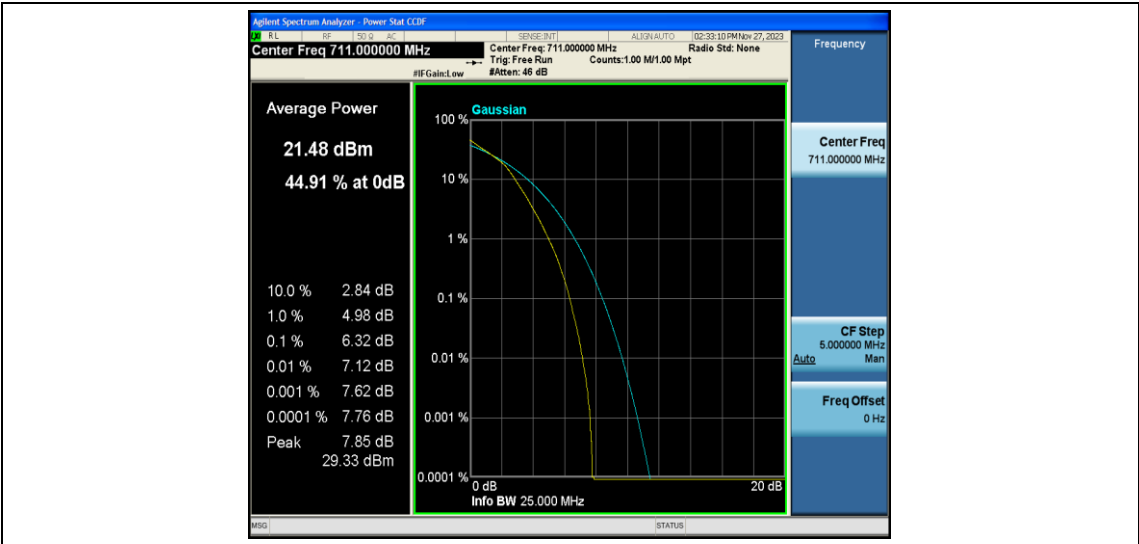
Band17-10MHz-16QAM-23790-50RB#0



Band17-10MHz-16QAM-23800-1RB#0



Band17-10MHz-16QAM-23800-50RB#0



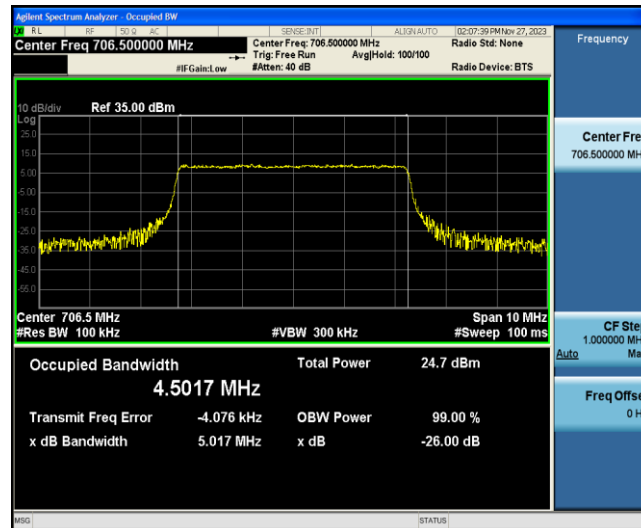
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

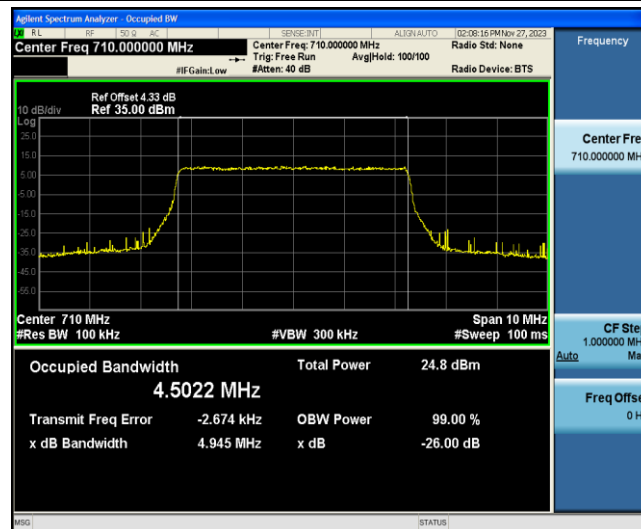
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5017	5.017	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5022	4.945	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5130	4.945	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5091	5.041	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5071	5.071	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5090	4.915	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9921	9.576	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9878	9.593	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9801	9.571	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9659	9.594	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9809	9.586	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9734	9.582	PASS

Test Graphs

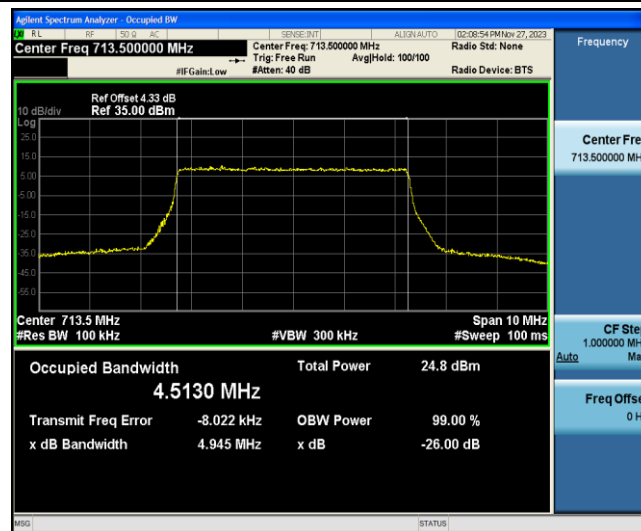
Band17-5MHz-QPSK-23755-25RB#0



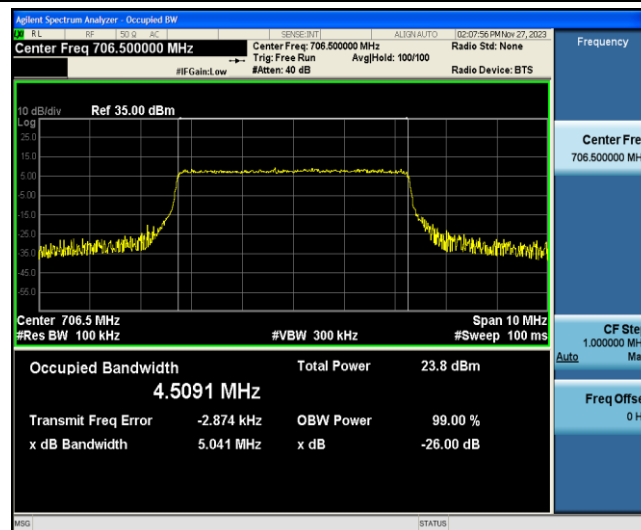
Band17-5MHz-QPSK-23790-25RB#0



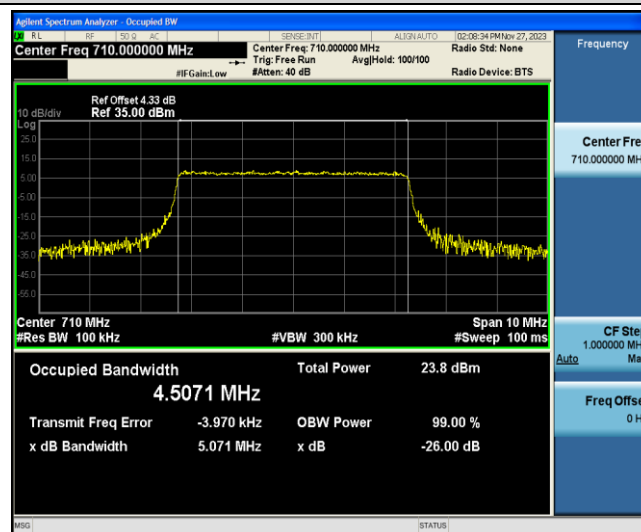
Band17-5MHz-QPSK-23825-25RB#0



Band17-5MHz-16QAM-23755-25RB#0



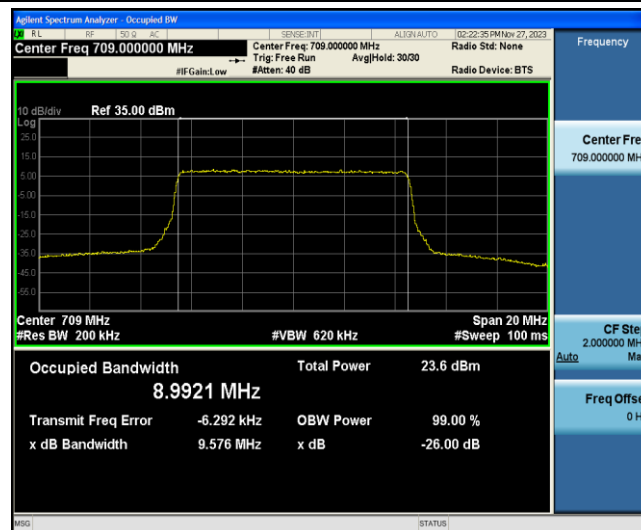
Band17-5MHz-16QAM-23790-25RB#0



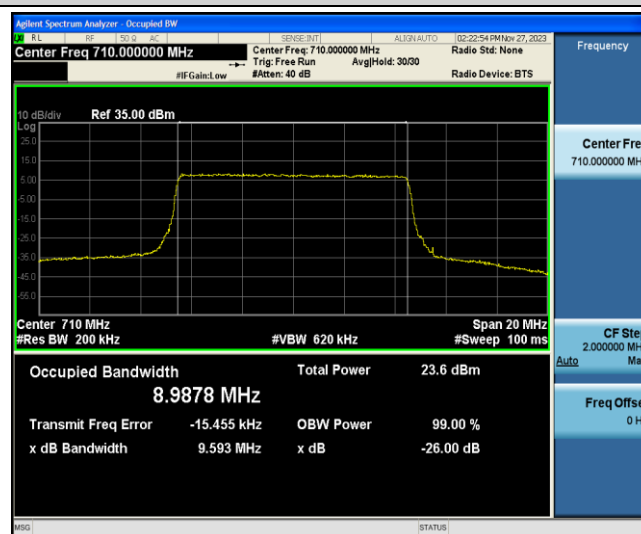
Band17-5MHz-16QAM-23825-25RB#0



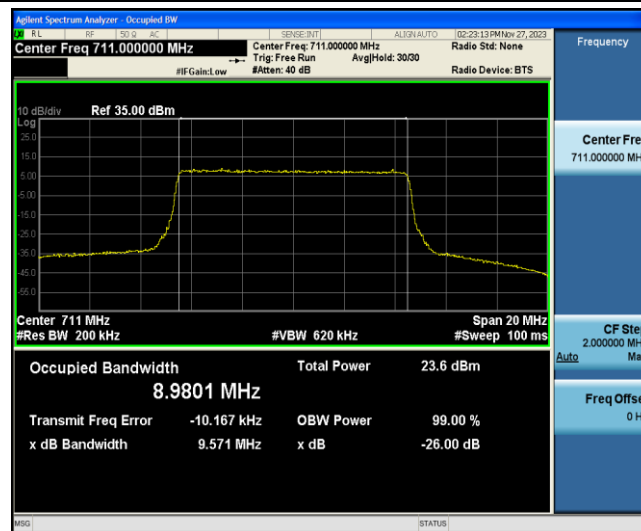
Band17-10MHz-QPSK-23780-50RB#0



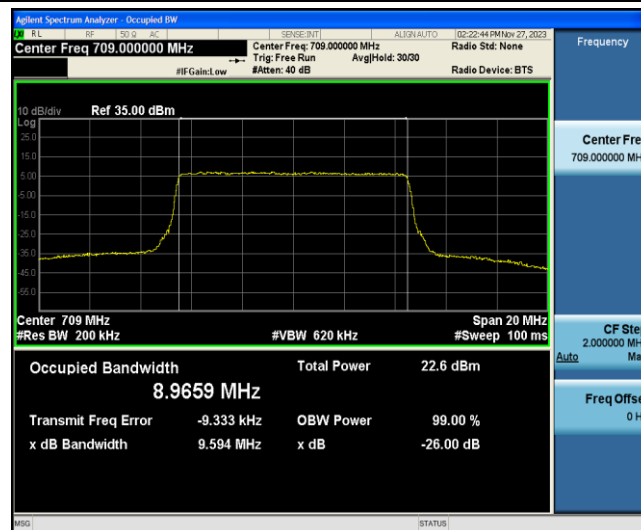
Band17-10MHz-QPSK-23790-50RB#0



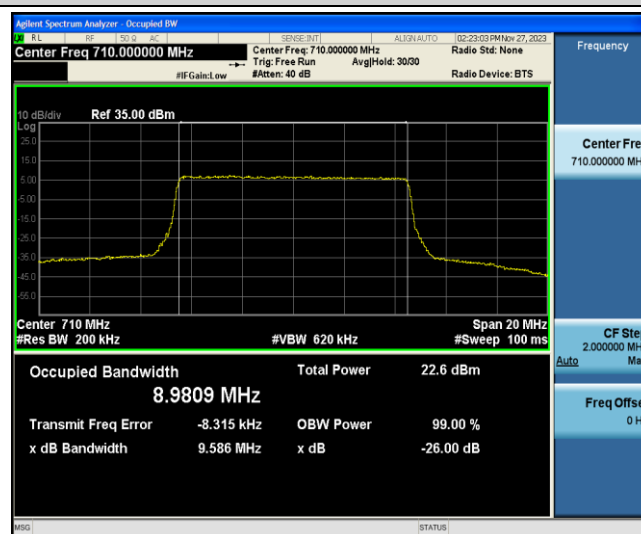
Band17-10MHz-QPSK-23800-50RB#0



Band17-10MHz-16QAM-23780-50RB#0



Band17-10MHz-16QAM-23790-50RB#0



Band17-10MHz-16QAM-23800-50RB#0



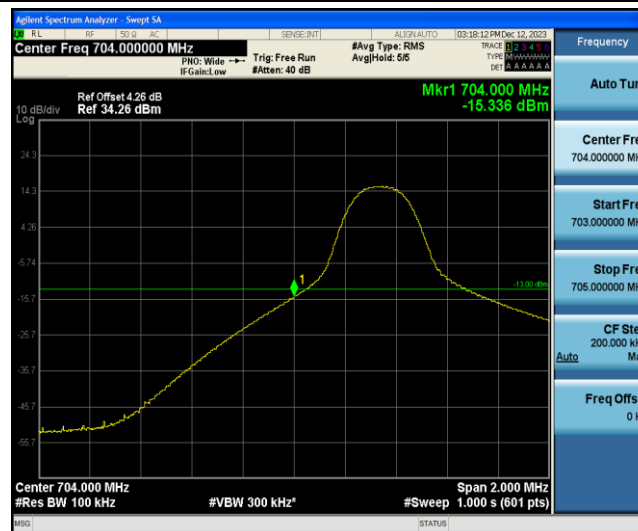
Appendix D: Band Edge

Test Result

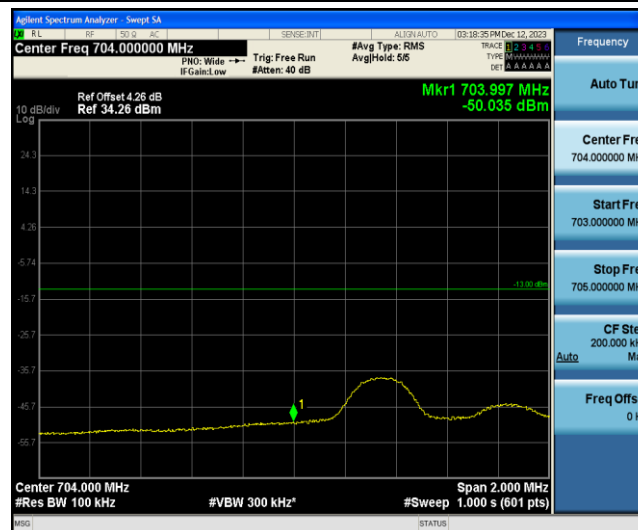
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-15.34	PASS
Band17	5MHz	QPSK	23755	1RB#24	-50.04	PASS
Band17	5MHz	QPSK	23755	25RB#0	-27.49	PASS
Band17	5MHz	QPSK	23825	1RB#0	-49.85	PASS
Band17	5MHz	QPSK	23825	1RB#24	-14.62	PASS
Band17	5MHz	QPSK	23825	25RB#0	-27.72	PASS
Band17	5MHz	16QAM	23755	1RB#0	-15.60	PASS
Band17	5MHz	16QAM	23755	1RB#24	-46.93	PASS
Band17	5MHz	16QAM	23755	25RB#0	-28.59	PASS
Band17	5MHz	16QAM	23825	1RB#0	-49.85	PASS
Band17	5MHz	16QAM	23825	1RB#24	-15.85	PASS
Band17	5MHz	16QAM	23825	25RB#0	-27.75	PASS
Band17	10MHz	QPSK	23780	1RB#0	-16.59,-13.86	PASS
Band17	10MHz	QPSK	23780	1RB#49	-43.15,-44.57	PASS
Band17	10MHz	QPSK	23780	50RB#0	-28.82,-26.58	PASS
Band17	10MHz	QPSK	23800	1RB#0	-46.48,-46.68	PASS
Band17	10MHz	QPSK	23800	1RB#49	-13.15,-15.87	PASS
Band17	10MHz	QPSK	23800	50RB#0	-28.36,-30.71	PASS
Band17	10MHz	16QAM	23780	1RB#0	-16.65,-13.98	PASS
Band17	10MHz	16QAM	23780	1RB#49	-44.98,-44.69	PASS
Band17	10MHz	16QAM	23780	50RB#0	-30.37,-28.27	PASS
Band17	10MHz	16QAM	23800	1RB#0	-46.54,-46.71	PASS
Band17	10MHz	16QAM	23800	1RB#49	-13.61,-16.33	PASS
Band17	10MHz	16QAM	23800	50RB#0	-29.34,-31.50	PASS

Test Graphs

Band17-5MHz-QPSK-23755-1RB#0



Band17-5MHz-QPSK-23755-1RB#24



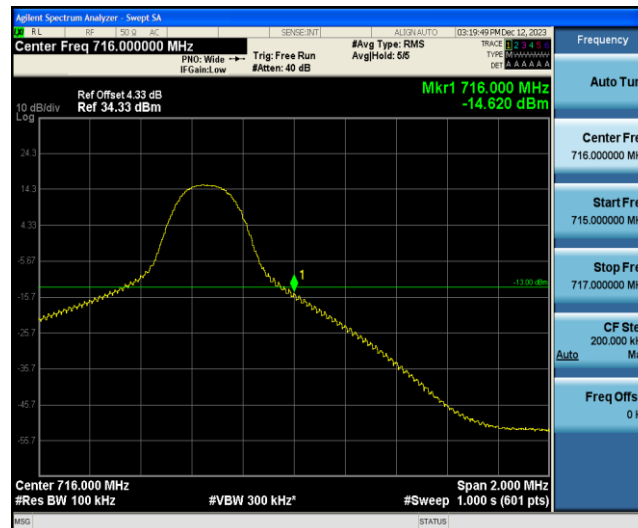
Band17-5MHz-QPSK-23755-25RB#0



Band17-5MHz-QPSK-23825-1RB#0



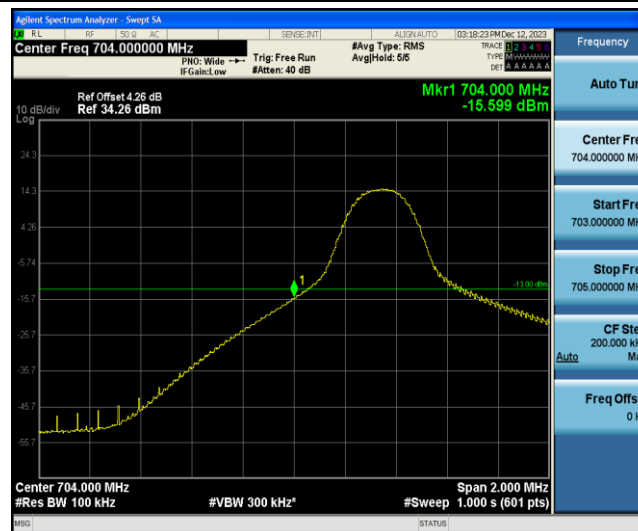
Band17-5MHz-QPSK-23825-1RB#24



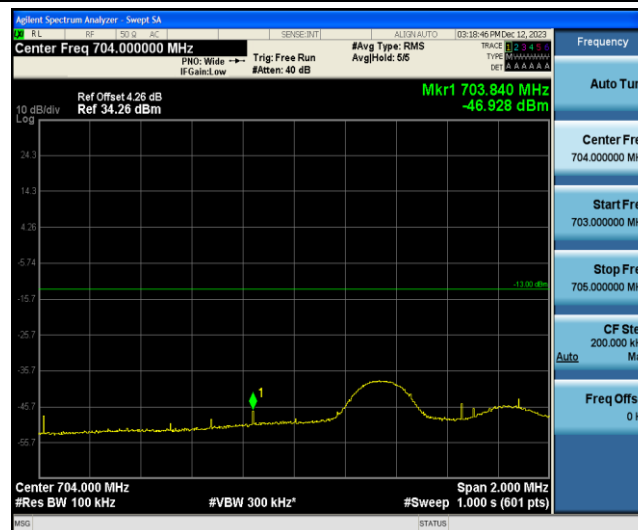
Band17-5MHz-QPSK-23825-25RB#0



Band17-5MHz-16QAM-23755-1RB#0



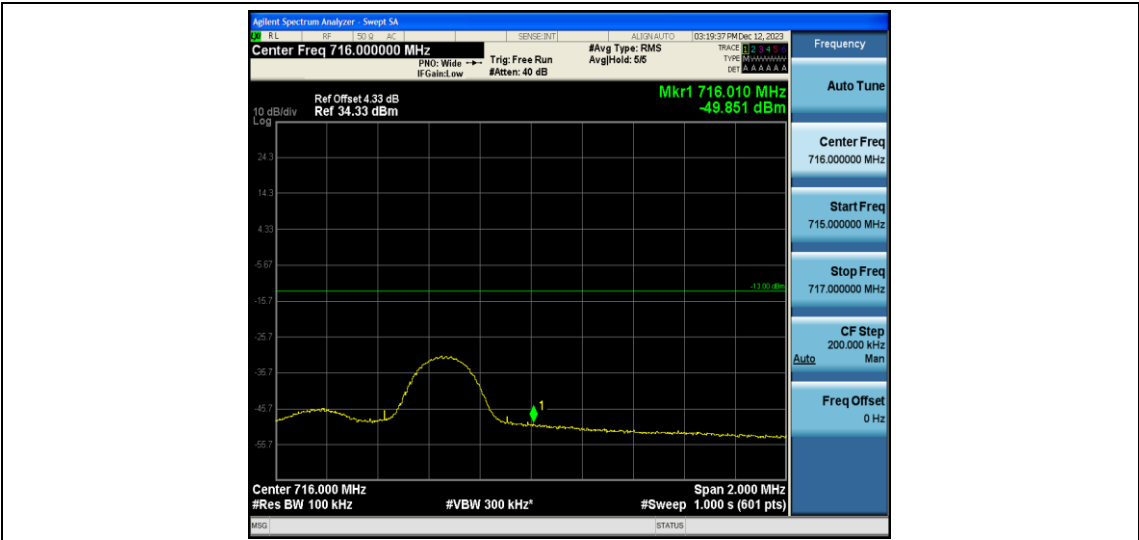
Band17-5MHz-16QAM-23755-1RB#24



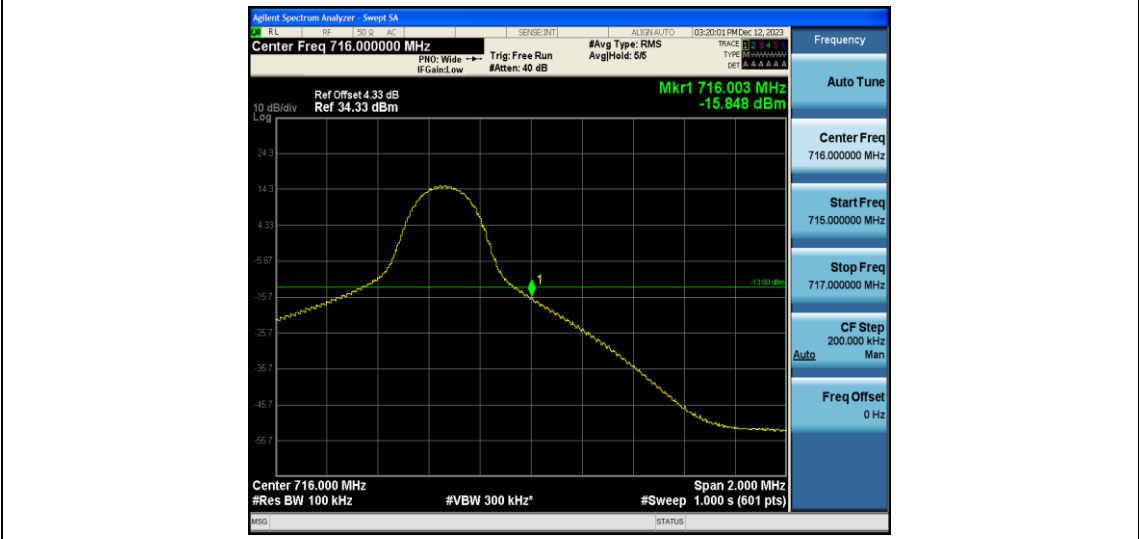
Band17-5MHz-16QAM-23755-25RB#0



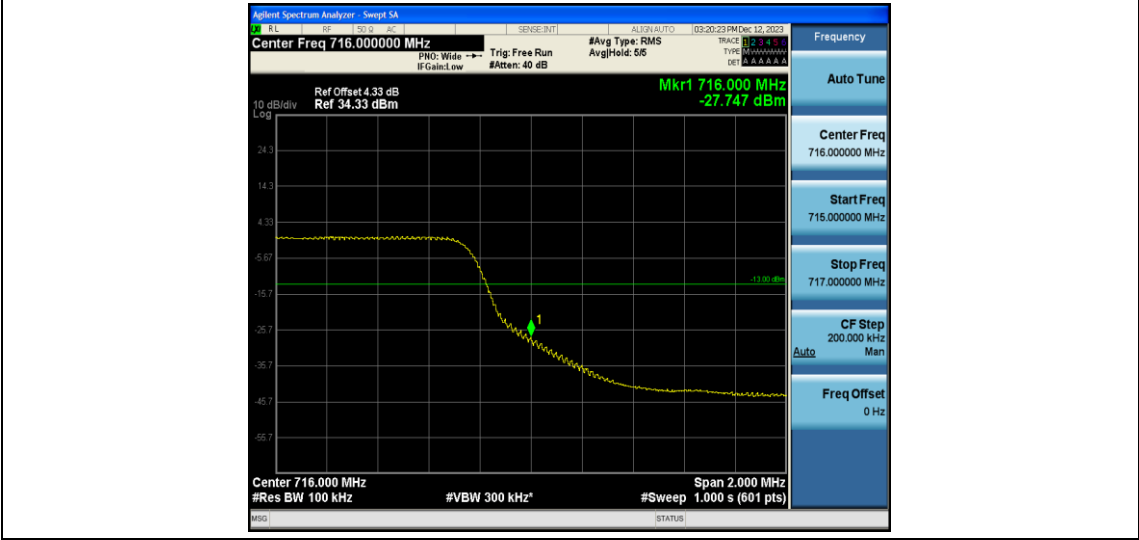
Band17-5MHz-16QAM-23825-1RB#0



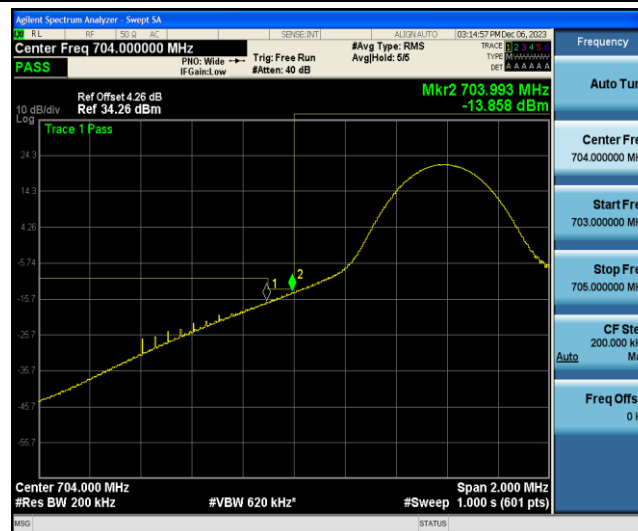
Band17-5MHz-16QAM-23825-1RB#24



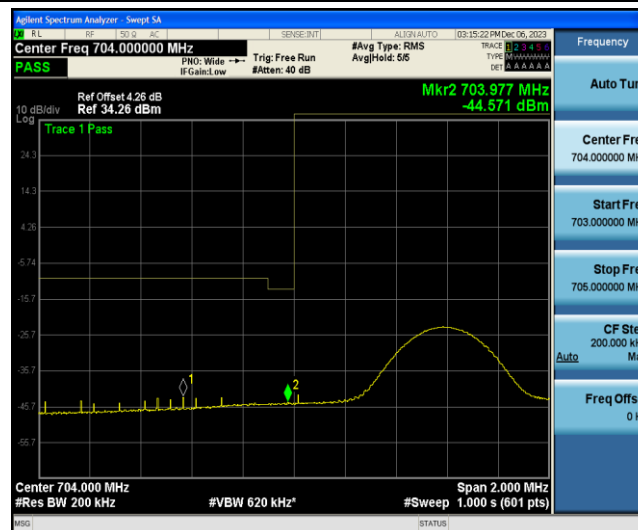
Band17-5MHz-16QAM-23825-25RB#0



Band17-10MHz-QPSK-23780-1RB#0



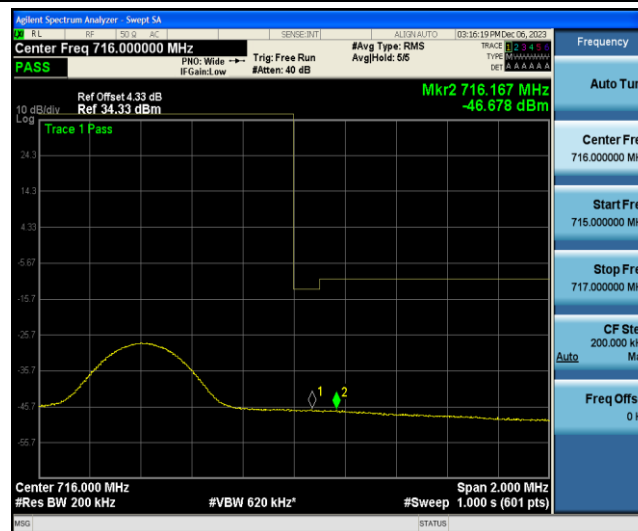
Band17-10MHz-QPSK-23780-1RB#49



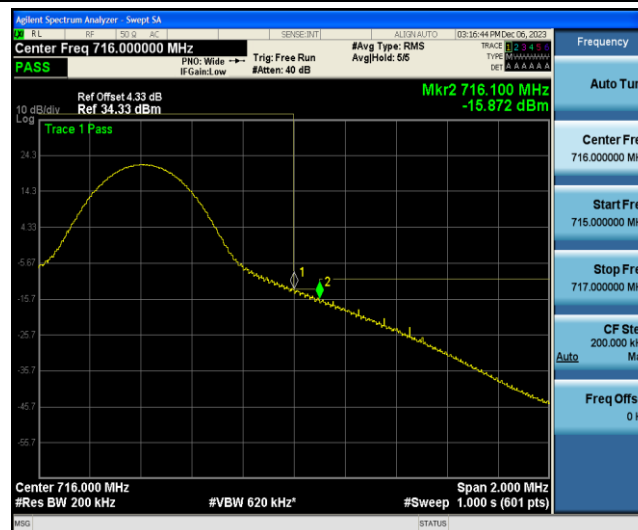
Band17-10MHz-QPSK-23780-50RB#0



Band17-10MHz-QPSK-23800-1RB#0



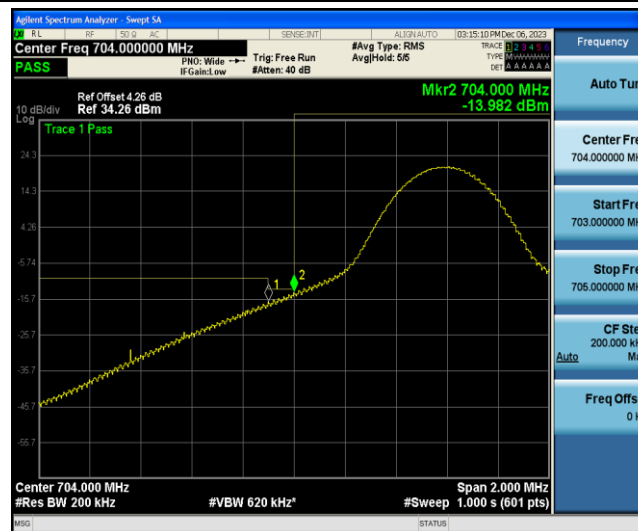
Band17-10MHz-QPSK-23800-1RB#49



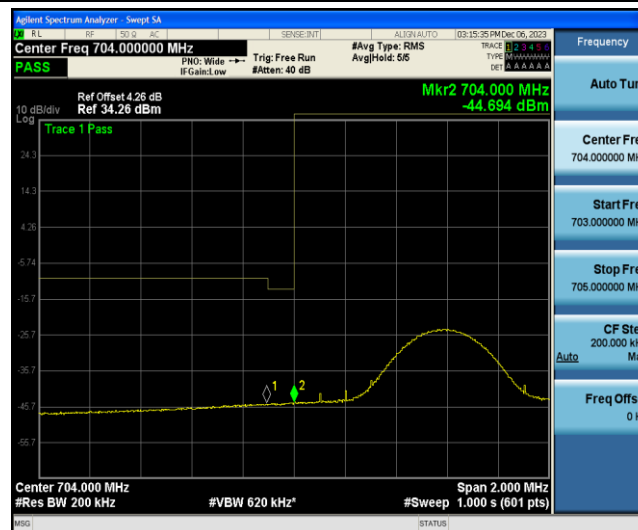
Band17-10MHz-QPSK-23800-50RB#0



Band17-10MHz-16QAM-23780-1RB#0



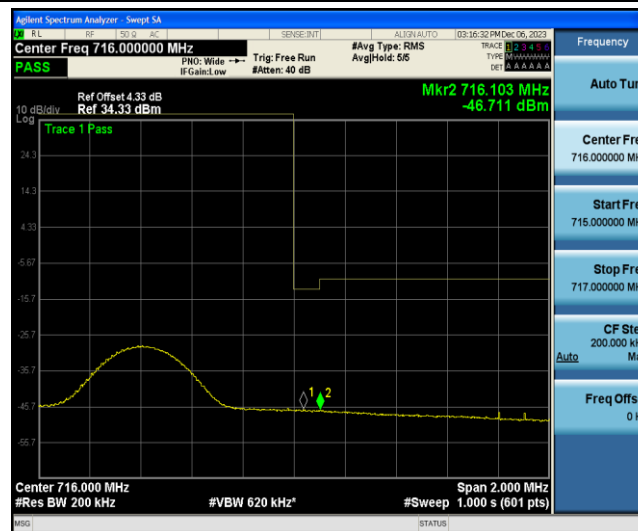
Band17-10MHz-16QAM-23780-1RB#49



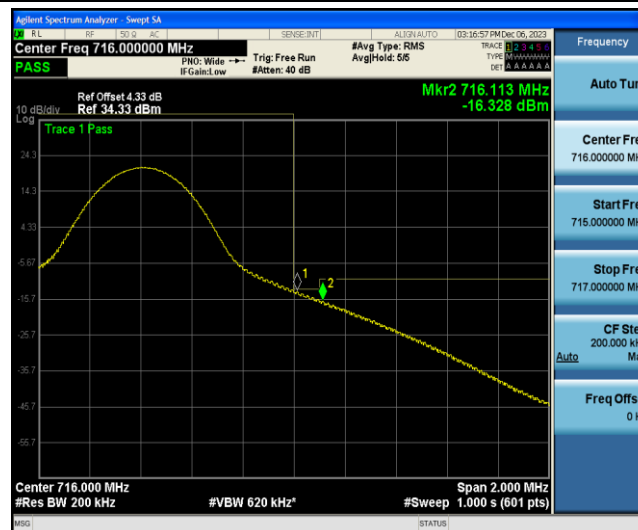
Band17-10MHz-16QAM-23780-50RB#0



Band17-10MHz-16QAM-23800-1RB#0



Band17-10MHz-16QAM-23800-1RB#49



Band17-10MHz-16QAM-23800-50RB#0



Appendix E: Conducted Spurious Emission

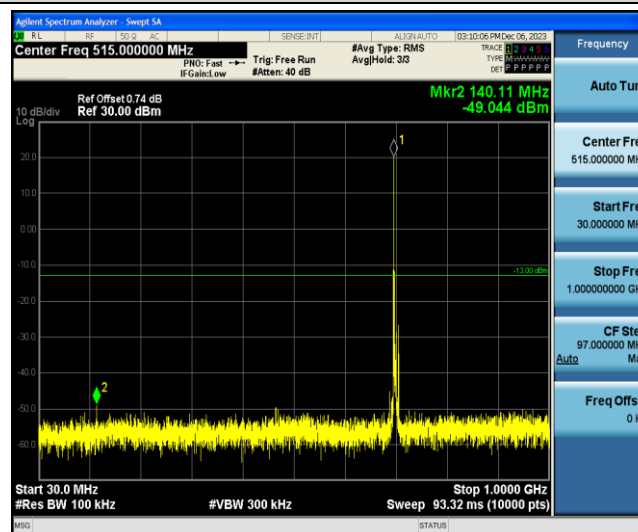
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band1 7	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-49.04	PASS
Band1 7	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-42.22	PASS
Band1 7	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-48.41	PASS
Band1 7	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-42.49	PASS
Band1 7	5MHz	QPSK	23825	1RB#0	Range1:30~1000MHz	-49.01	PASS
Band1 7	5MHz	QPSK	23825	1RB#0	Range2:1000~10000MHz	-43.46	PASS
Band1 7	5MHz	16QAM	23755	1RB#0	Range1:30~1000MHz	-49.96	PASS
Band1 7	5MHz	16QAM	23755	1RB#0	Range2:1000~10000MHz	-43.38	PASS
Band1 7	5MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-49.79	PASS
Band1 7	5MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-44.25	PASS
Band1 7	5MHz	16QAM	23825	1RB#0	Range1:30~1000MHz	-50.59	PASS
Band1 7	5MHz	16QAM	23825	1RB#0	Range2:1000~10000MHz	-44.87	PASS
Band1 7	10MHz	QPSK	23780	1RB#0	Range1:30~1000MHz	-49.24	PASS
Band1 7	10MHz	QPSK	23780	1RB#0	Range2:1000~10000MHz	-44.77	PASS
Band1 7	10MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-50.14	PASS
Band1 7	10MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-44.38	PASS
Band1 7	10MHz	QPSK	23800	1RB#0	Range1:30~1000MHz	-49.71	PASS
Band1 7	10MHz	QPSK	23800	1RB#0	Range2:1000~10000MHz	-44.4	PASS

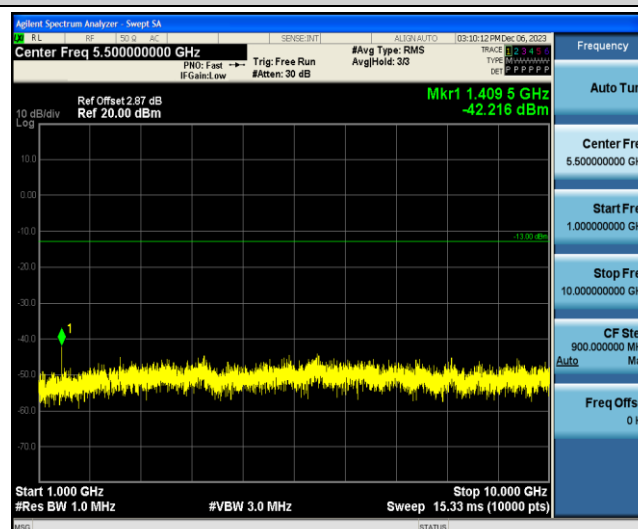
7					Hz	4	S
Band1	10MHz	16QAM	23780	1RB#0	Range1:30~1000MHz	-49.7	PAS
7						9	S
Band1	10MHz	16QAM	23780	1RB#0	Range2:1000~10000M Hz	-43.5	PAS
7						6	S
Band1	10MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-49.8	PAS
7						6	S
Band1	10MHz	16QAM	23790	1RB#0	Range2:1000~10000M Hz	-43.4	PAS
7						9	S
Band1	10MHz	16QAM	23800	1RB#0	Range1:30~1000MHz	-49.9	PAS
7						4	S
Band1	10MHz	16QAM	23800	1RB#0	Range2:1000~10000M Hz	-43.7	PAS
7						6	S

Test Graphs

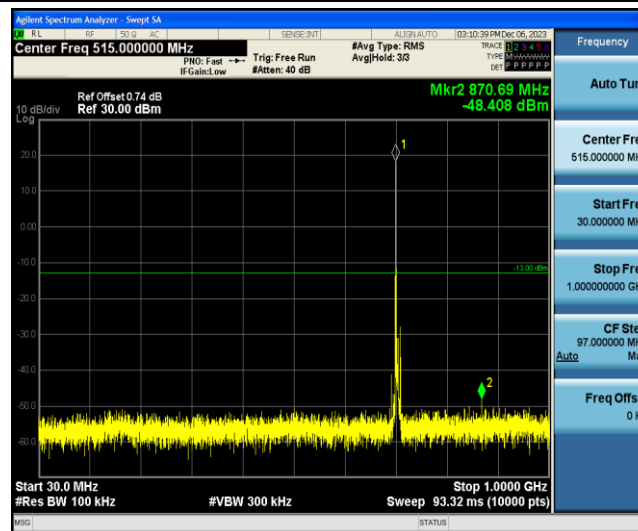
Band17-5MHz-QPSK-23755-1RB#0-Range1:30~1000MHz



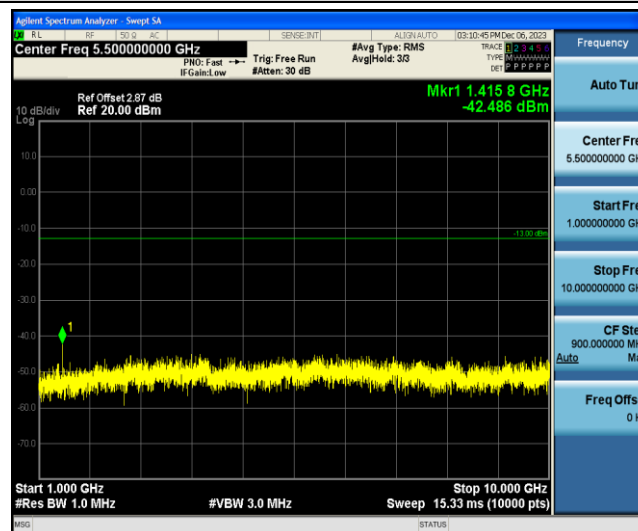
Band17-5MHz-QPSK-23755-1RB#0-Range2:1000~10000MHz



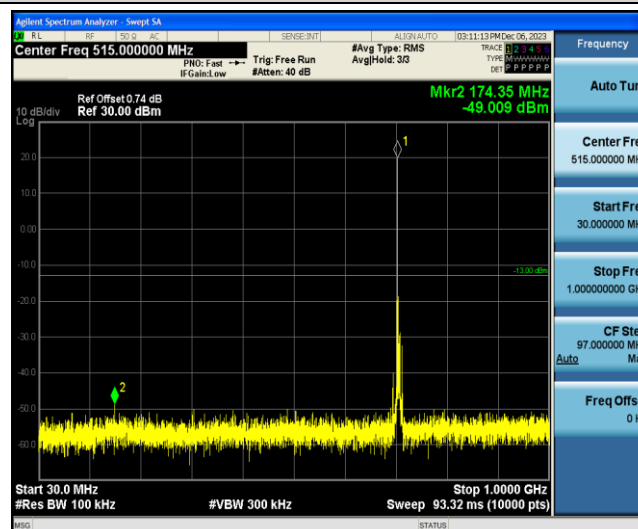
Band17-5MHz-QPSK-23790-1RB#0-Range1:30~1000MHz



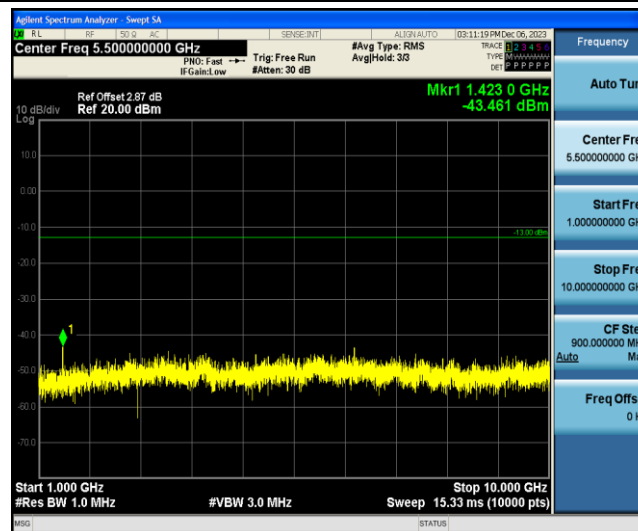
Band17-5MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz



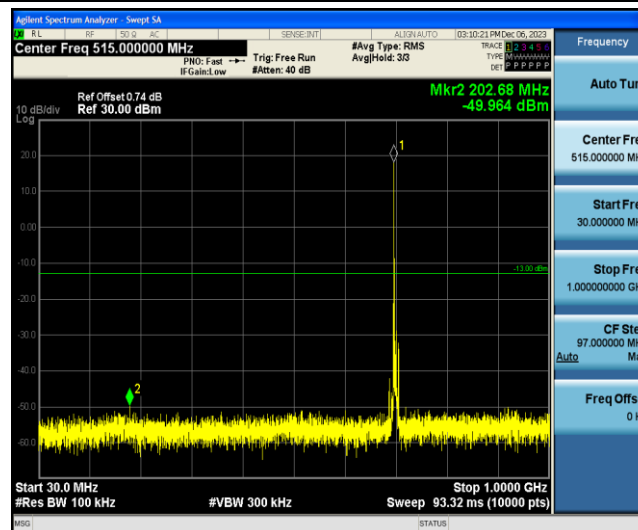
Band17-5MHz-QPSK-23825-1RB#0-Range1:30~1000MHz



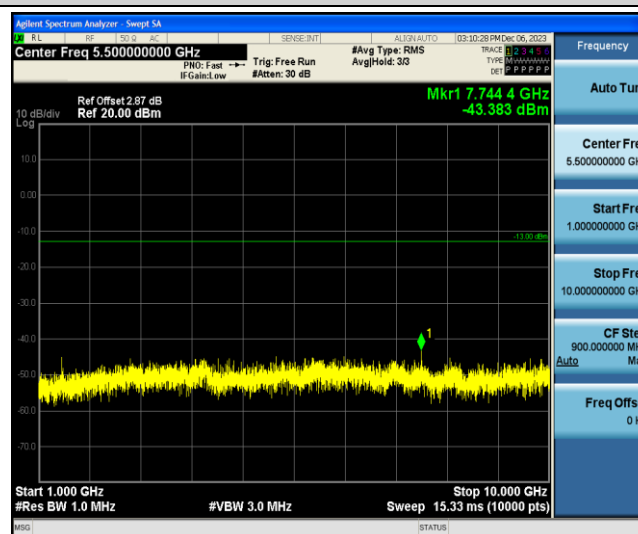
Band17-5MHz-QPSK-23825-1RB#0-Range2:1000~10000MHz



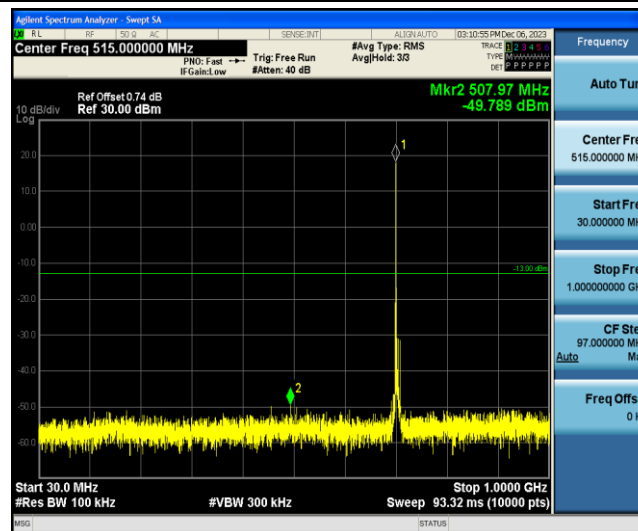
Band17-5MHz-16QAM-23755-1RB#0-Range1:30~1000MHz



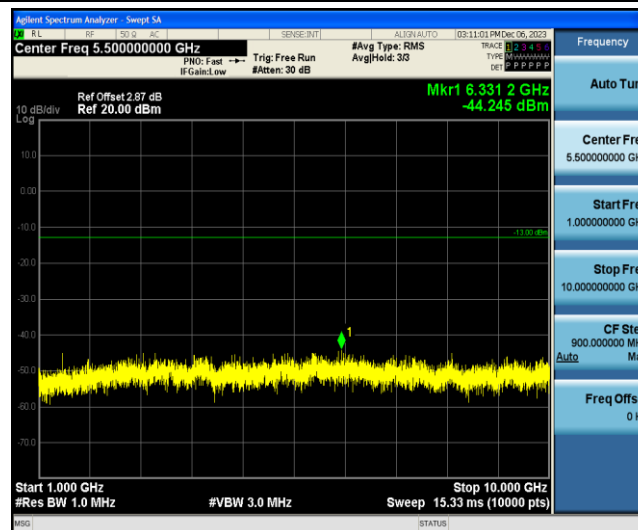
Band17-5MHz-16QAM-23755-1RB#0-Range2:1000~10000MHz



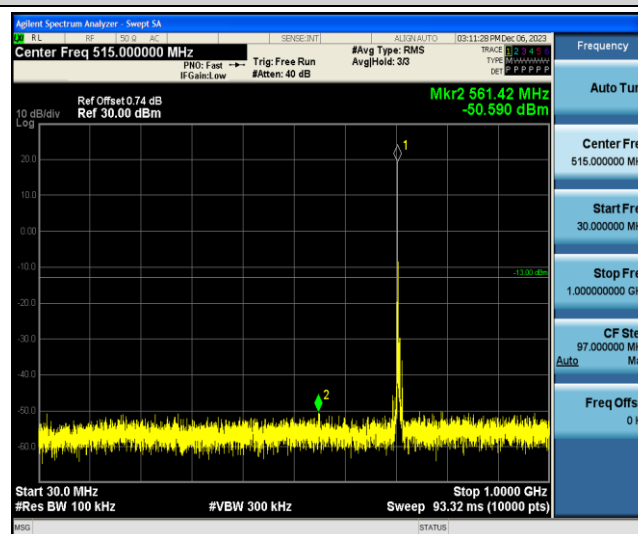
Band17-5MHz-16QAM-23790-1RB#0-Range1:30~1000MHz



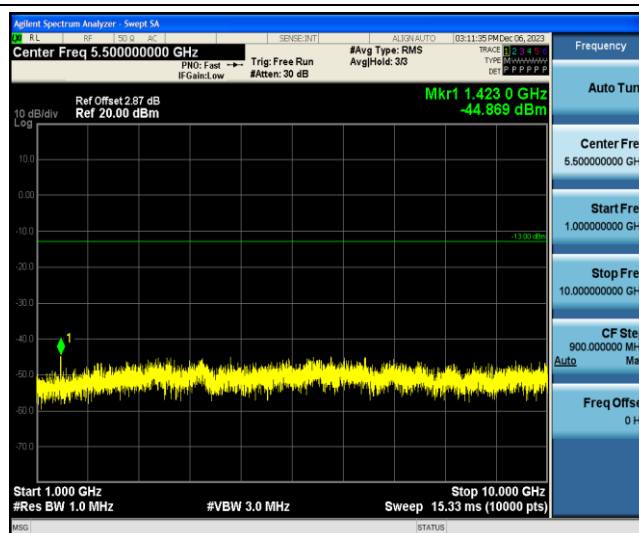
Band17-5MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz



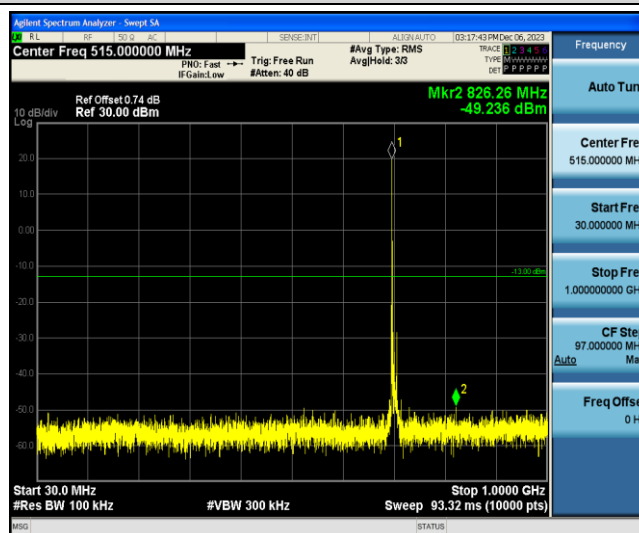
Band17-5MHz-16QAM-23825-1RB#0-Range1:30~1000MHz



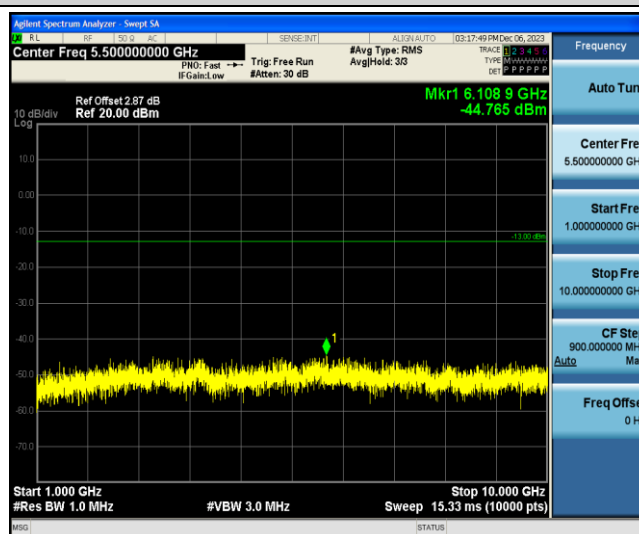
Band17-5MHz-16QAM-23825-1RB#0-Range2:1000~10000MHz



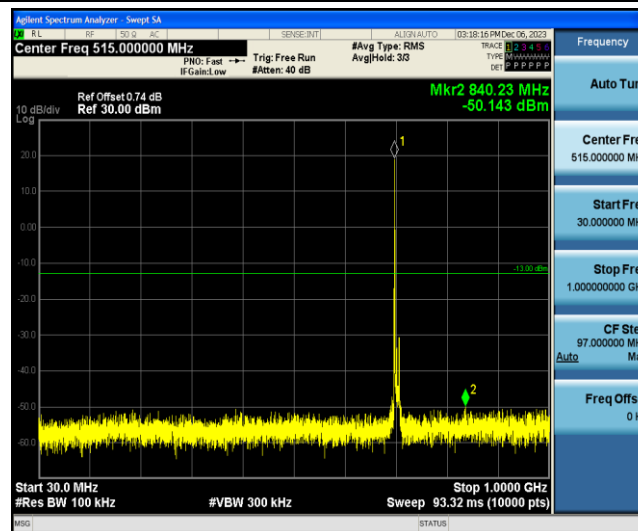
Band17-10MHz-QPSK-23780-1RB#0-Range1:30~1000MHz



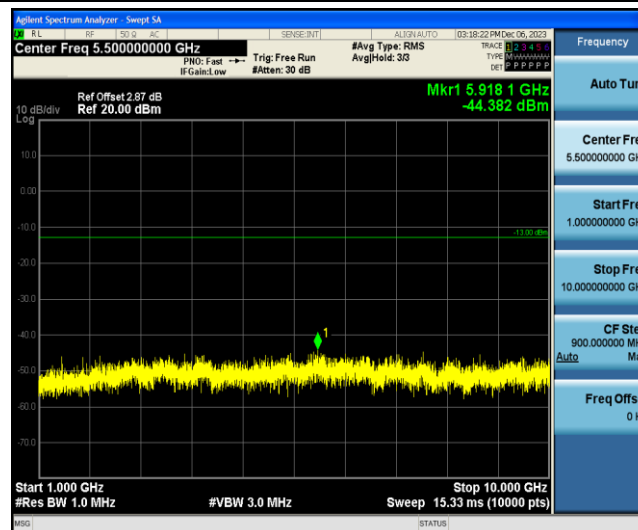
Band17-10MHz-QPSK-23780-1RB#0-Range2:1000~10000MHz



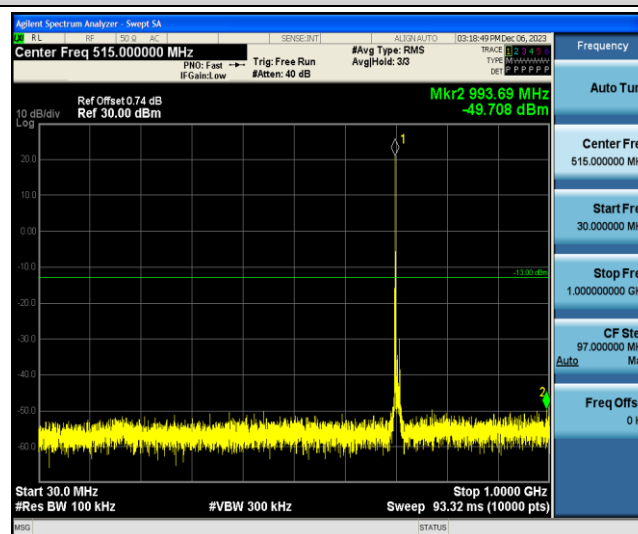
Band17-10MHz-QPSK-23790-1RB#0-Range1:30~1000MHz



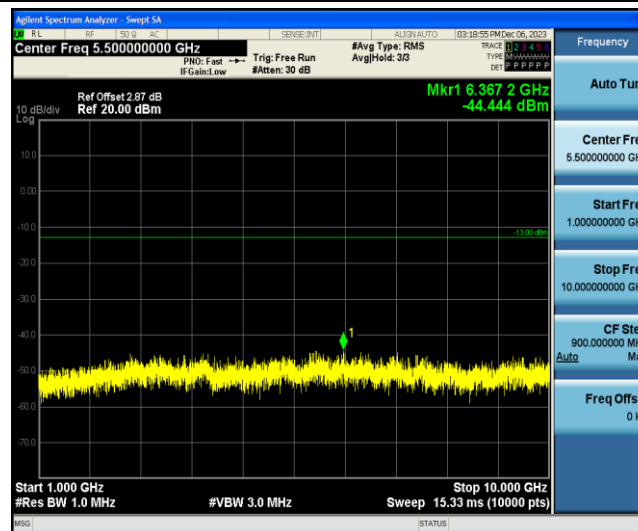
Band17-10MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz



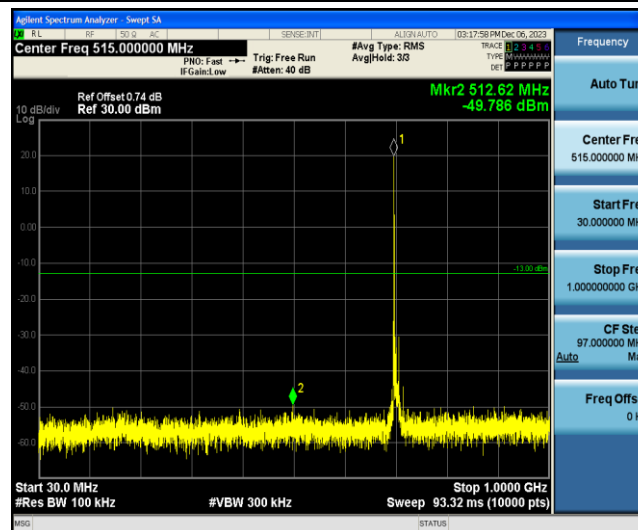
Band17-10MHz-QPSK-23800-1RB#0-Range1:30~1000MHz



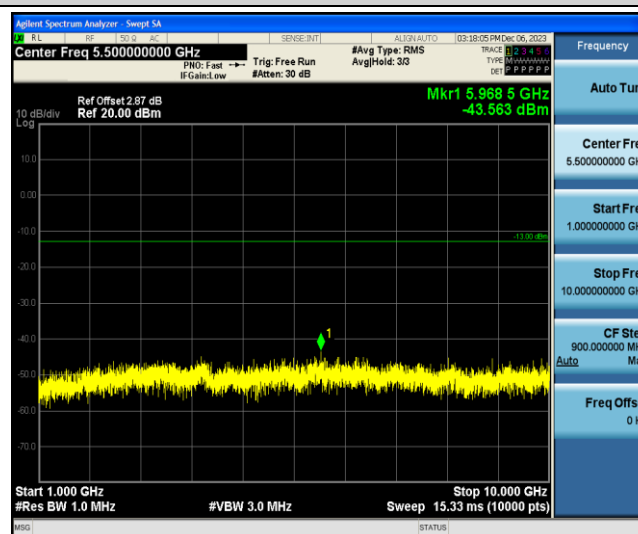
Band17-10MHz-QPSK-23800-1RB#0-Range2:1000~10000MHz



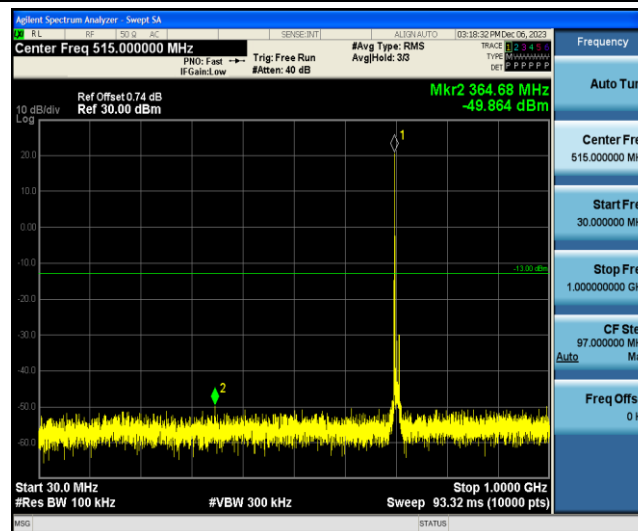
Band17-10MHz-16QAM-23780-1RB#0-Range1:30~1000MHz



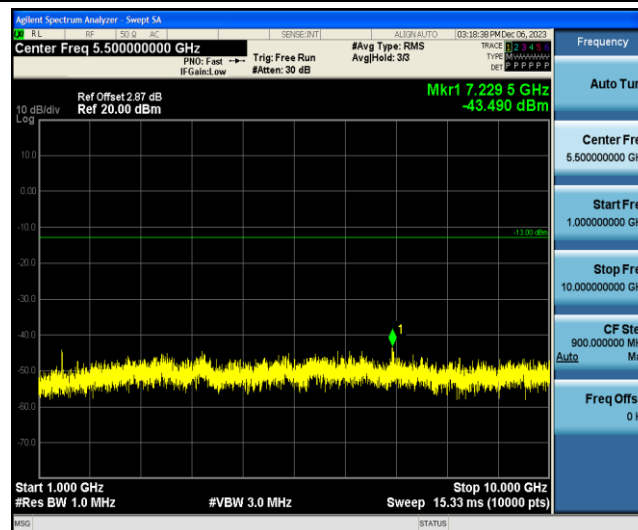
Band17-10MHz-16QAM-23780-1RB#0-Range2:1000~10000MHz



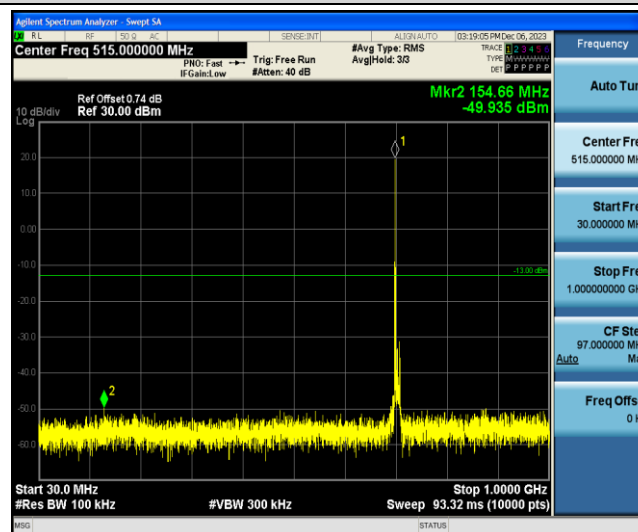
Band17-10MHz-16QAM-23790-1RB#0-Range1:30~1000MHz



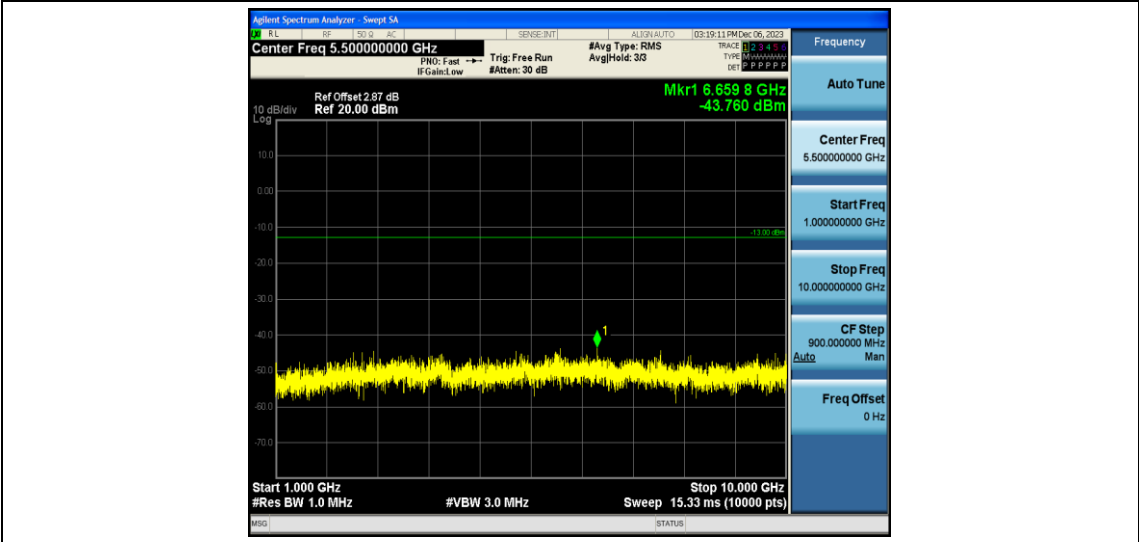
Band17-10MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz



Band17-10MHz-16QAM-23800-1RB#0-Range1:30~1000MHz



Band17-10MHz-16QAM-23800-1RB#0-Range2:1000~10000MHz



Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band1 7	5MHz	QPSK	23755	25RB#0	VL	NT	-12.67	-0.017933	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	VN	NT	-9.90	-0.014013	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	VH	NT	-11.32	-0.016023	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VL	NT	-16.25	-0.022887	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VN	NT	8.23	0.011592	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VH	NT	-11.96	-0.016845	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	VL	NT	-12.75	-0.017870	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	VN	NT	7.30	0.010231	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	VH	NT	-12.69	-0.017786	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	VL	NT	-5.41	-0.007657	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	VN	NT	-3.75	-0.005308	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	VH	NT	-8.51	-0.012045	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VL	NT	-4.66	-0.006563	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VN	NT	-5.15	-0.007254	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VH	NT	-8.57	-0.012070	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	VL	NT	-10.91	-0.015291	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	VN	NT	-10.90	-0.015277	±2.5	PASS
Band1	5MHz	16QAM	23825	25RB#0	VH	NT	-6.62	-0.009278	±2.5	PASS

7										
Band1 7	10MHz	QPSK	23780	50RB#0	VL	NT	-12.72	-0.017941	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	VN	NT	-12.69	-0.017898	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	VH	NT	-11.09	-0.015642	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VL	NT	-16.12	-0.022704	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VN	NT	5.05	0.007113	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VH	NT	-12.53	-0.017648	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	VL	NT	-11.67	-0.016414	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	VN	NT	4.76	0.006695	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	VH	NT	-8.34	-0.011730	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	VL	NT	-5.84	-0.008237	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	VN	NT	-11.47	-0.016178	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	VH	NT	-8.41	-0.011862	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VL	NT	-5.45	-0.007676	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VN	NT	-6.54	-0.009211	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VH	NT	-11.37	-0.016014	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	VL	NT	-3.75	-0.005274	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	VN	NT	-6.09	-0.008565	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	VH	NT	-9.24	-0.012996	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1	5MHz	QPSK	23755	25RB#0	NV	-30	-6.37	-0.009016	±2.5	PASS

7										
Band1 7	5MHz	QPSK	23755	25RB#0	NV	-20	-24.06	-0.034055	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	NV	0	-9.98	-0.014126	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	NV	10	-7.10	-0.010050	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	NV	20	-8.44	-0.011946	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	-30	-11.22	-0.015803	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	-20	-11.42	-0.016085	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	0	-10.21	-0.014380	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	10	-11.56	-0.016282	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	20	-7.87	-0.011085	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	-30	-6.78	-0.009502	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	-20	-7.41	-0.010385	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	0	-8.64	-0.012109	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	10	-10.04	-0.014071	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	20	-10.79	-0.015123	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	-30	-6.55	-0.009271	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	-20	-5.41	-0.007657	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	0	-7.48	-0.010587	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	10	-9.77	-0.013829	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	20	-6.98	-0.009880	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	-30	-7.14	-0.010056	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	-20	-10.13	-0.014268	±2.5	PASS

Band1 7	5MHz	16QAM	23790	25RB#0	NV	0	-7.12	-0.010028	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	10	-10.46	-0.014732	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	20	-12.73	-0.017930	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	-30	-10.90	-0.015277	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	-20	-7.24	-0.010147	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	0	-5.71	-0.008003	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	10	-8.11	-0.011367	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	20	-5.98	-0.008381	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	-30	-9.24	-0.013032	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	-20	-13.09	-0.018463	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	0	-6.81	-0.009605	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	10	-5.89	-0.008307	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	20	-11.50	-0.016220	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	-30	-11.99	-0.016887	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	-20	-5.64	-0.007944	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	0	-11.74	-0.016535	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	10	-10.44	-0.014704	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	20	-10.34	-0.014563	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	-30	-6.22	-0.008748	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	-20	-10.10	-0.014205	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	0	-8.48	-0.011927	±2.5	PASS
Band1	10MHz	QPSK	23800	50RB#0	NV	10	-8.87	-0.012475	±2.5	PASS

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Band1 7	10MHz	QPSK	23800	50RB#0	NV	20	-10.21	-0.014360	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	-30	-3.20	-0.004513	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	-20	-10.30	-0.014528	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	0	-4.31	-0.006079	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	10	-6.58	-0.009281	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	20	-5.31	-0.007489	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	-30	-11.39	-0.016042	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	-20	-7.22	-0.010169	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	0	-4.39	-0.006183	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	10	-11.74	-0.016535	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	20	-8.38	-0.011803	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	-30	-7.94	-0.011167	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	-20	-6.79	-0.009550	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	0	-10.99	-0.015457	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	10	-9.47	-0.013319	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	20	-11.01	-0.015485	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band17	5MHz	QPSK	23755	25RB#0	PASS	PASS
Band17	5MHz	QPSK	23790	25RB#0	PASS	PASS
Band17	5MHz	QPSK	23825	25RB#0	PASS	PASS
Band17	5MHz	16QAM	23755	25RB#0	PASS	PASS
Band17	5MHz	16QAM	23790	25RB#0	PASS	PASS
Band17	5MHz	16QAM	23825	25RB#0	PASS	PASS
Band17	10MHz	QPSK	23780	50RB#0	PASS	PASS
Band17	10MHz	QPSK	23790	50RB#0	PASS	PASS
Band17	10MHz	QPSK	23800	50RB#0	PASS	PASS
Band17	10MHz	16QAM	23780	50RB#0	PASS	PASS
Band17	10MHz	16QAM	23790	50RB#0	PASS	PASS
Band17	10MHz	16QAM	23800	50RB#0	PASS	PASS