Appendix I: Test Data for E-UTRA Band 17

Product Name: Smartphone

Test Model: Vision

Environmental Conditions

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

I.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.62	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.53	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.56	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.72	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.74	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.99	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.34	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.58	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.56	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.34	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.83	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.84	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.36	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.41	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.34	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.42	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.34	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.46	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.46	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.41	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.33	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.46	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.24	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.64	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.96	PASS
Band17	5MHz	16QAM	23755	12RB#6	22.06	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.84	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.75	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.67	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.13	PASS

Band17	5MHz	16QAM	23790	1RB#24	22.26	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.86	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.88	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.87	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.36	PASS
Band17	5MHz	16QAM	23825	1RB#0	21.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	21.72	PASS
Band17	5MHz	16QAM	23825	1RB#24	21.70	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.85	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.82	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.74	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.91	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.62	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.45	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.42	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.31	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.60	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.46	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.92	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.53	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.51	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.36	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.86	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.84	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.37	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.36	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.55	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.41	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.38	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.76	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.76	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.25	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.36	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.61	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.78	PASS

Band17	10MHz	16QAM	23780	1RB#49	22.31	PASS
Band17	10MHz	16QAM	23780	25RB#0	22.02	PASS
Band17	10MHz	16QAM	23780	25RB#12	22.02	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.87	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.92	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.20	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.01	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.03	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.98	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.96	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.90	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.26	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.15	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.10	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.21	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.95	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.95	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.83	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.23	PASS

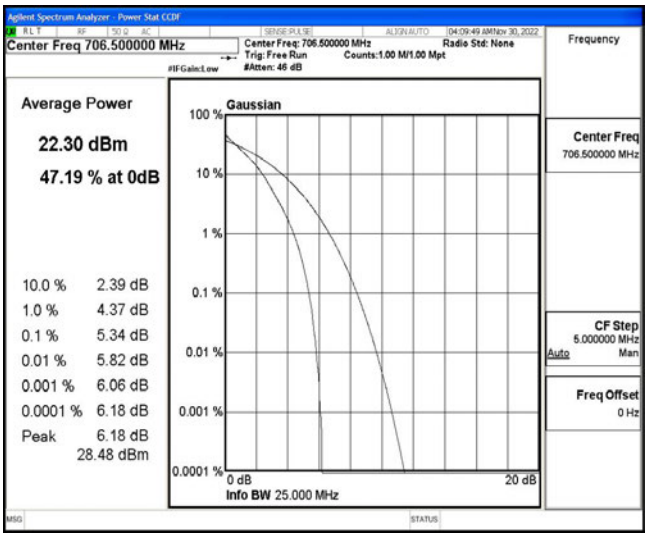
I.2 Peak-to-Average Ratio(CCDF)

Test Result

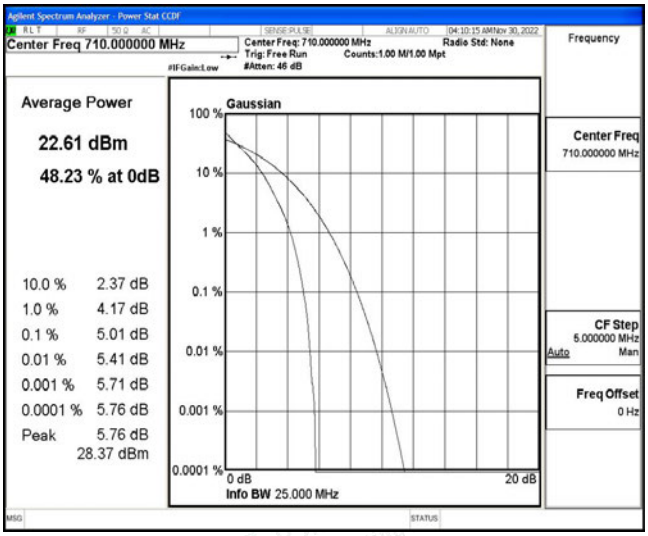
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	5.34	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.01	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.03	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	5.91	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	5.91	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	5.72	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.10	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.21	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.14	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.89	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.99	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.03	13	PASS

Test Graphs

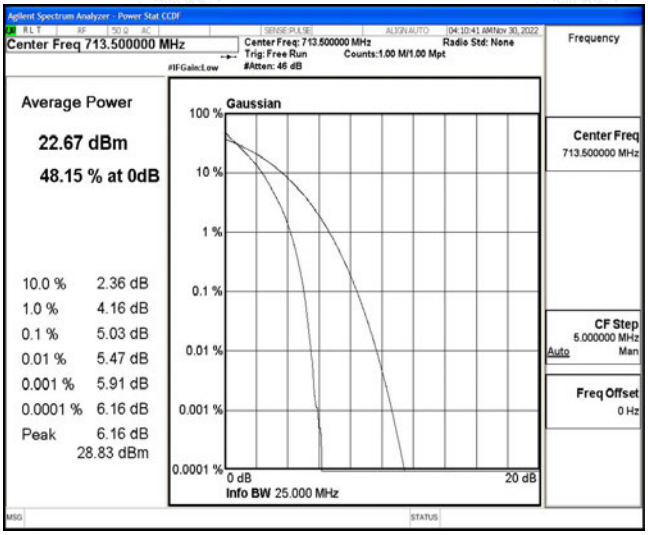
Band17-5MHz-QPSK-23755-25RB#0



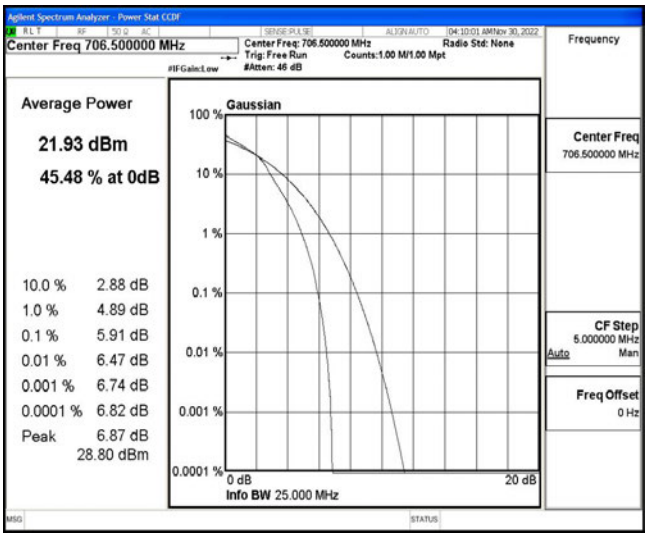
Band17-5MHz-QPSK-23790-25RB#0



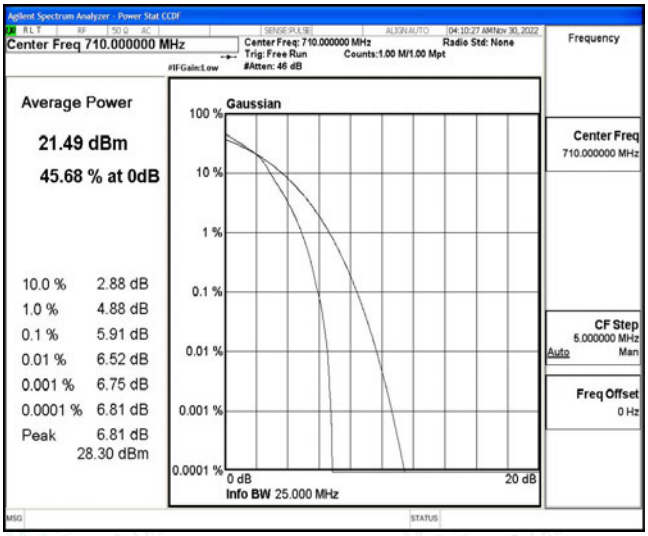
Band17-5MHz-QPSK-23825-25RB#0



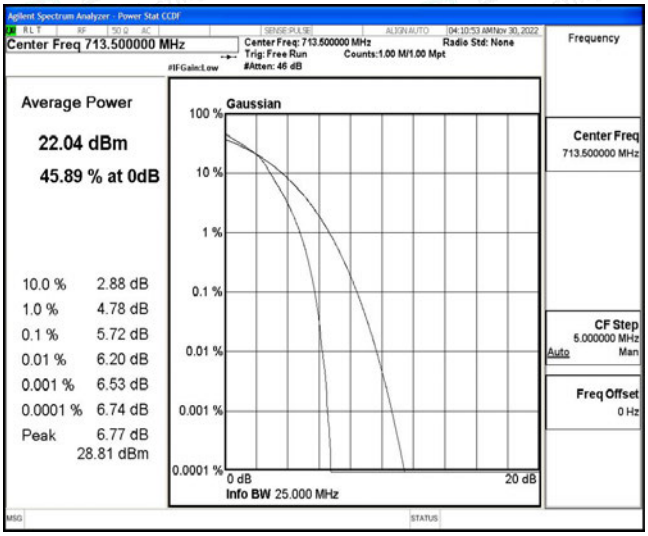
Band17-5MHz-16QAM-23755-25RB#0



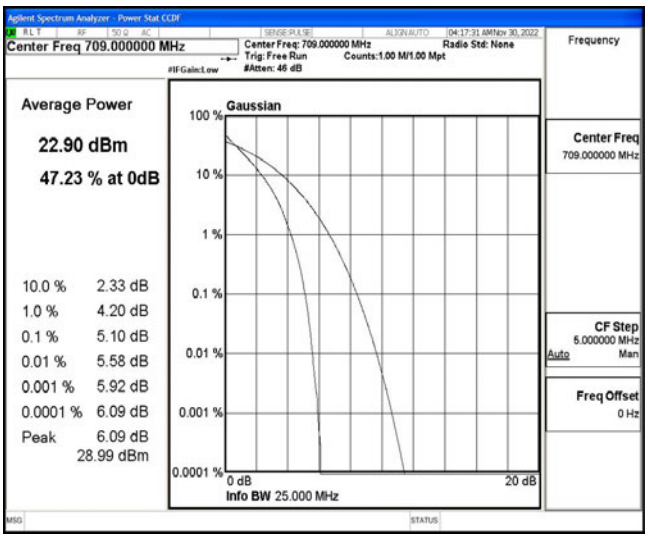
Band17-5MHz-16QAM-23790-25RB#0



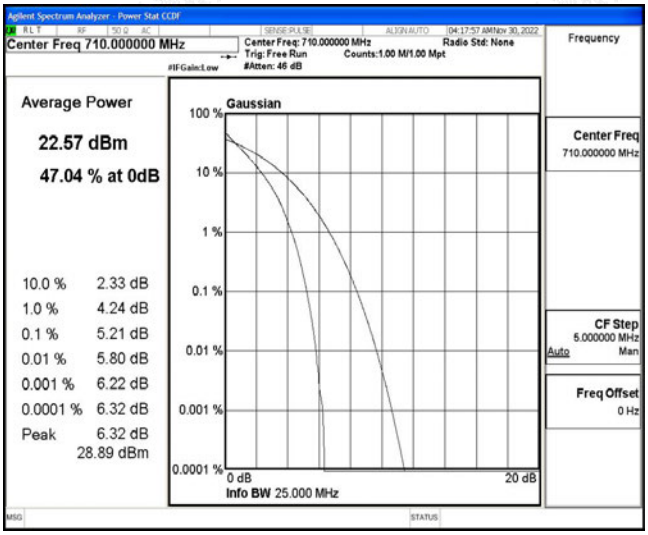
Band17-5MHz-16QAM-23825-25RB#0



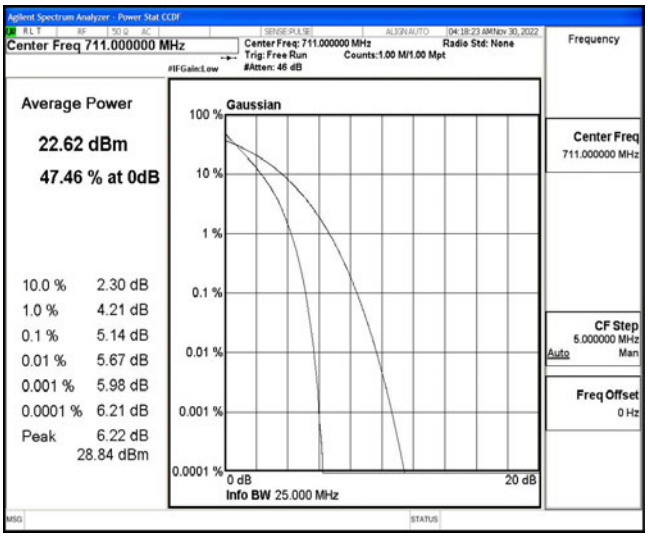
Band17-10MHz-QPSK-23780-50RB#0



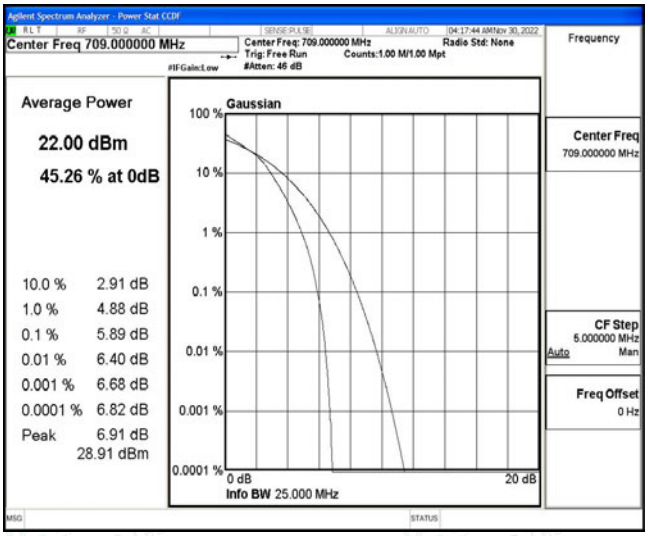
Band17-10MHz-QPSK-23790-50RB#0



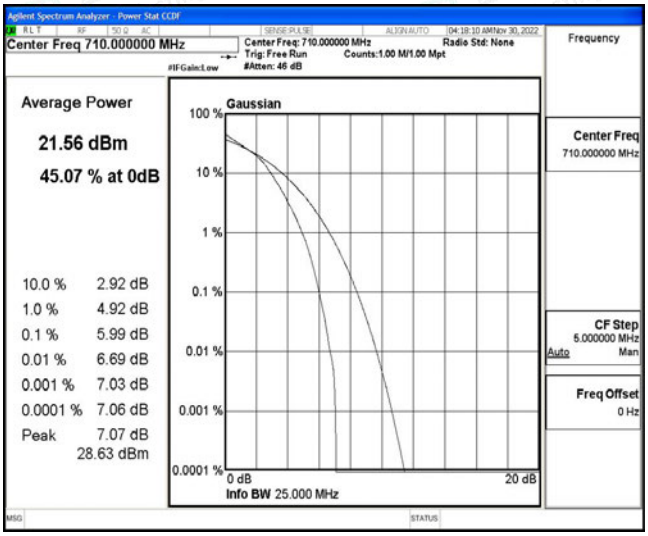
Band17-10MHz-QPSK-23800-50RB#0



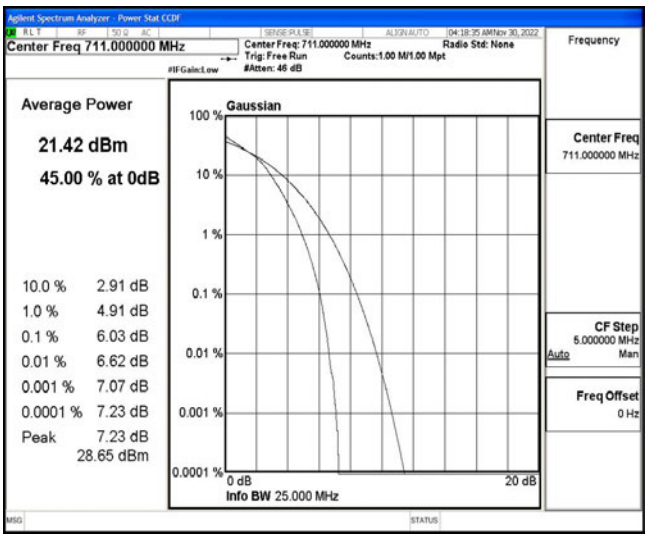
Band17-10MHz-16QAM-23780-50RB#0



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



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



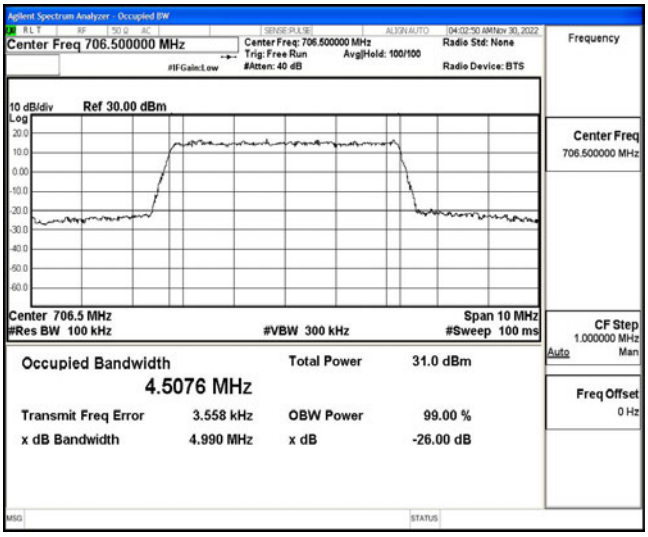
I.3 26dB Bandwidth and Occupied Bandwidth

Test Result

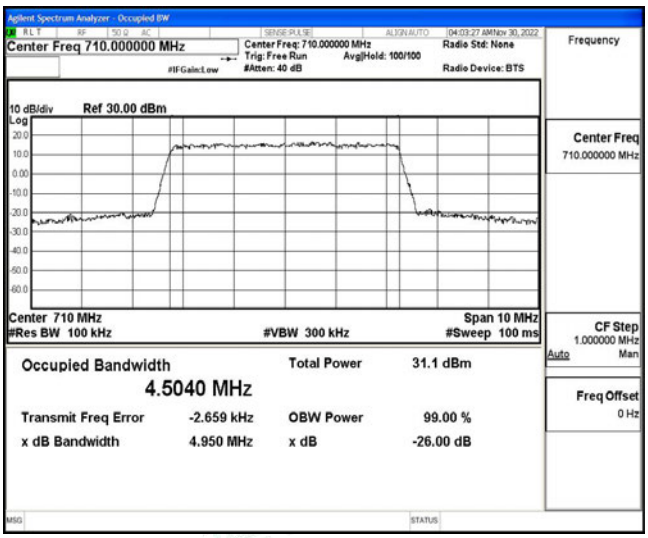
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5076	4.990	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5040	4.950	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5116	4.975	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5247	4.990	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4919	5.010	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5111	4.979	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9861	9.938	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9988	9.881	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9636	9.885	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9996	9.939	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9906	9.923	PASS
Band17	10MHz	16QAM	23800	50RB#0	9.0005	9.907	PASS

Test Graphs

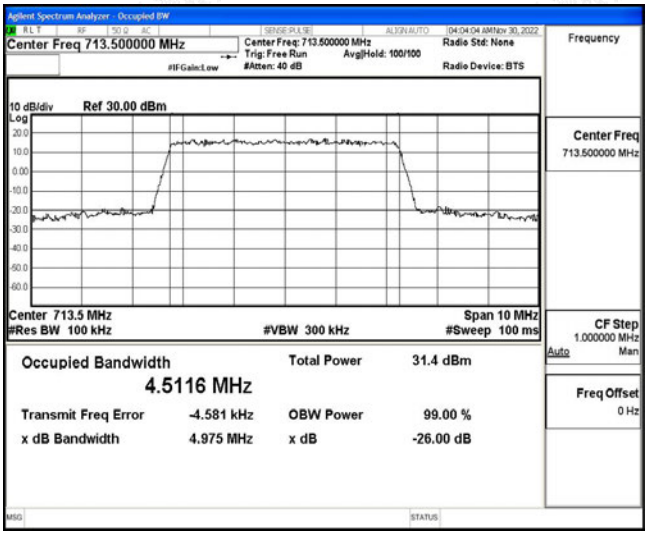
Band17-5MHz-QPSK-23755-25RB#0



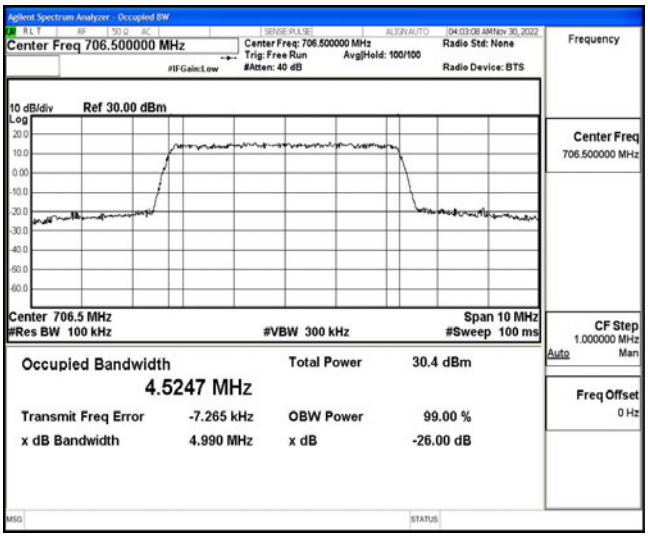
Band17-5MHz-QPSK-23790-25RB#0



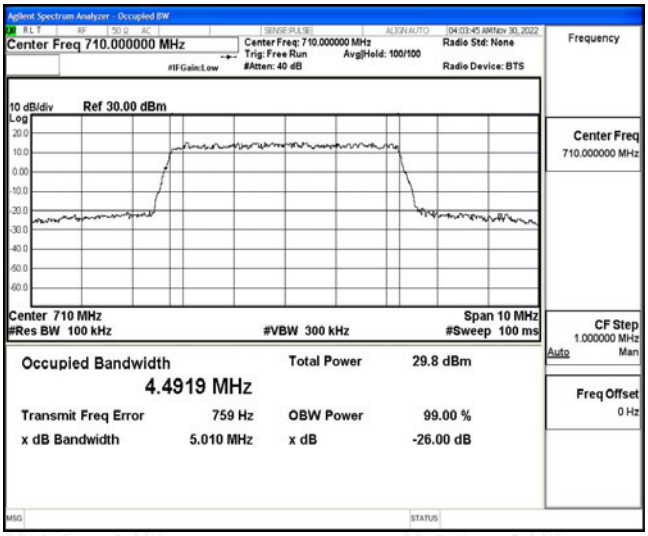
Band17-5MHz-QPSK-23825-25RB#0



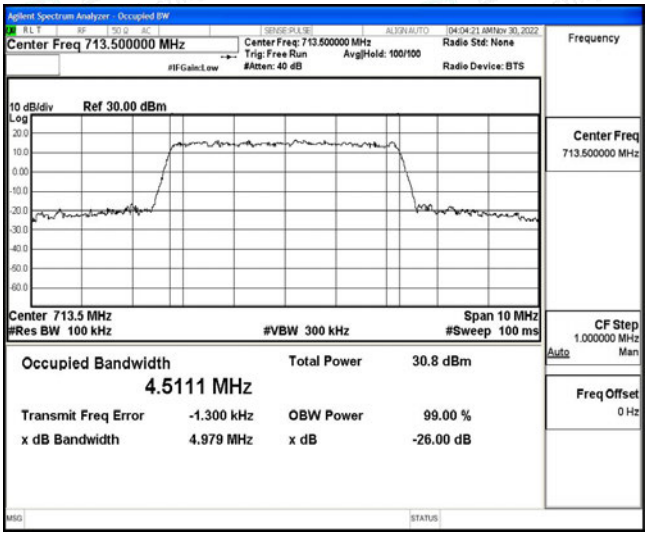
Band17-5MHz-16QAM-23755-25RB#0



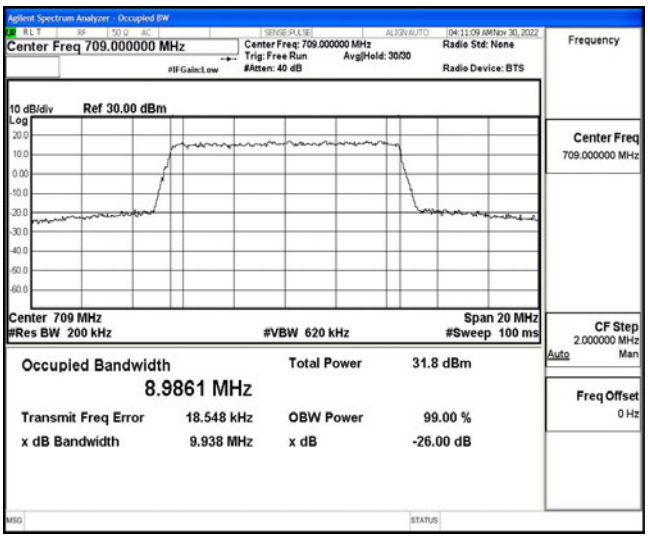
Band17-5MHz-16QAM-23790-25RB#0



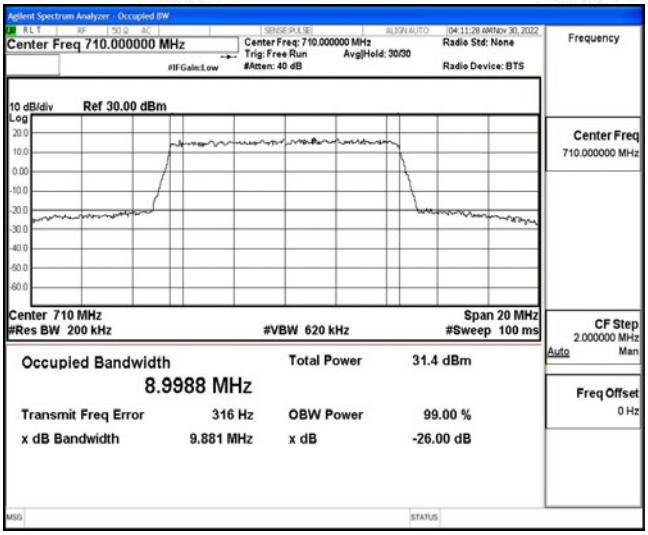
Band17-5MHz-16QAM-23825-25RB#0



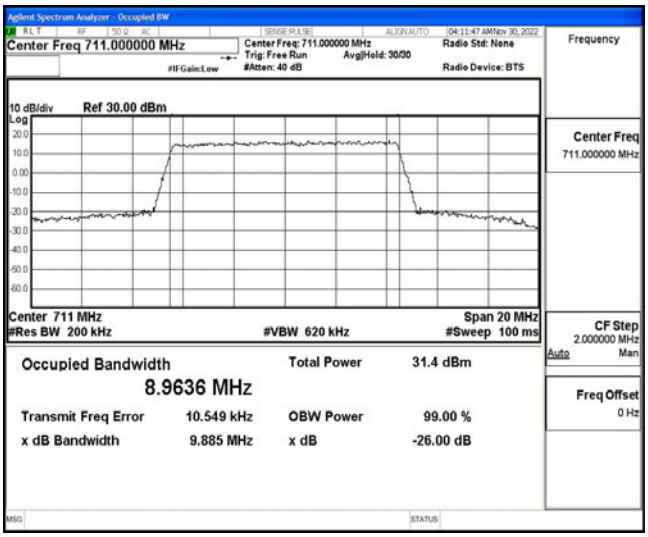
Band17-10MHz-QPSK-23780-50RB#0



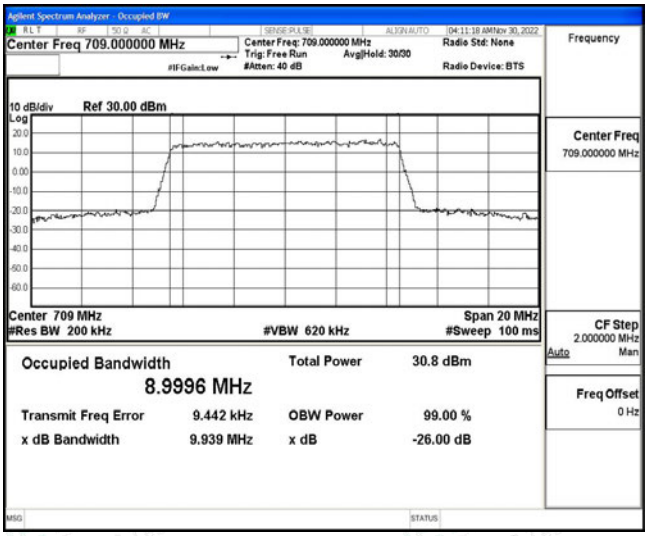
Band17-10MHz-QPSK-23790-50RB#0



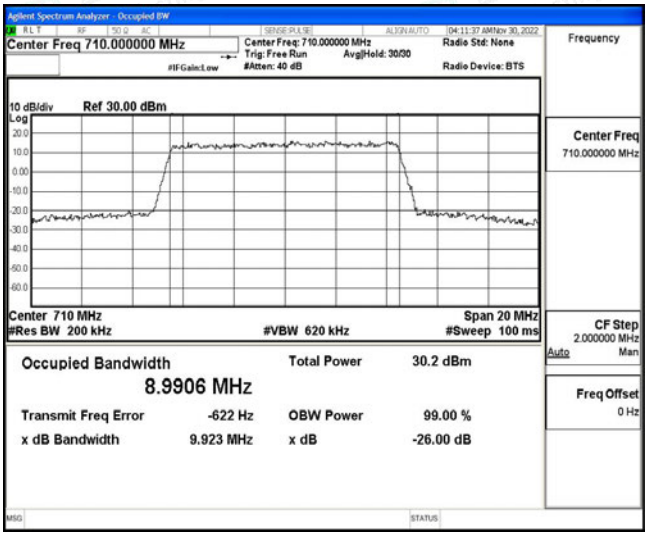
Band17-10MHz-QPSK-23800-50RB#0



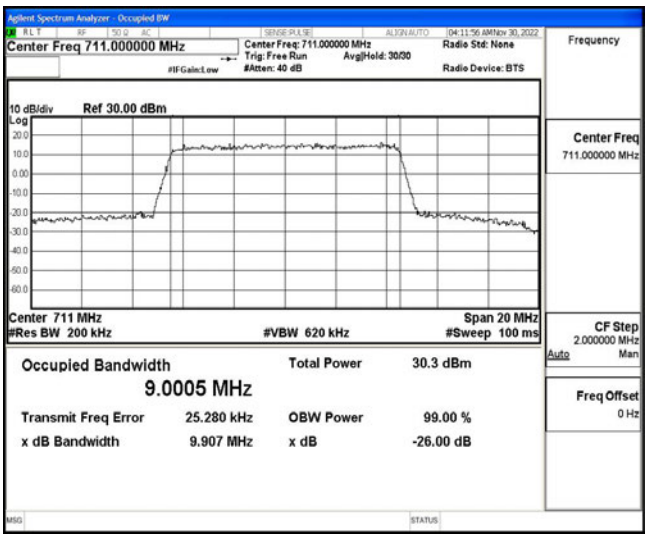
Band17-10MHz-16QAM-23780-50RB#0



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



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



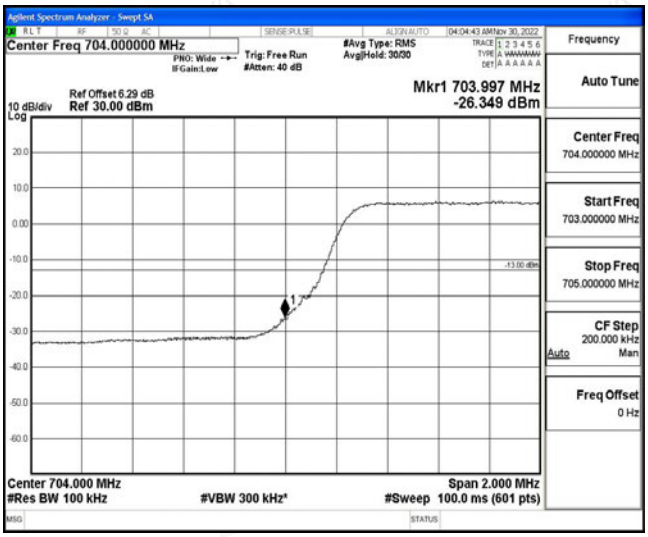
I.4 Band Edge

Test Result

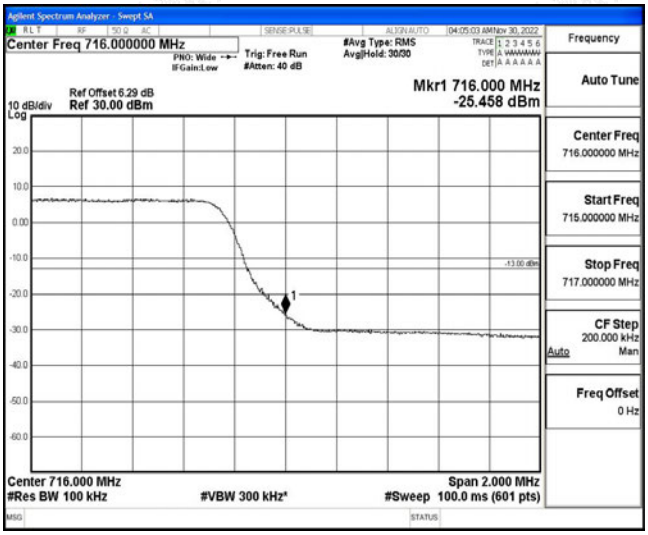
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	-26.35	PASS
Band17	5MHz	QPSK	23825	25RB#0	-25.46	PASS
Band17	5MHz	16QAM	23755	25RB#0	-26.28	PASS
Band17	5MHz	16QAM	23825	25RB#0	-25.90	PASS
Band17	10MHz	QPSK	23780	50RB#0	-29.00,-27.28	PASS
Band17	10MHz	QPSK	23800	50RB#0	-26.82,-28.52	PASS
Band17	10MHz	16QAM	23780	50RB#0	-29.46,-28.00	PASS
Band17	10MHz	16QAM	23800	50RB#0	-27.82,-29.95	PASS

Test Graphs

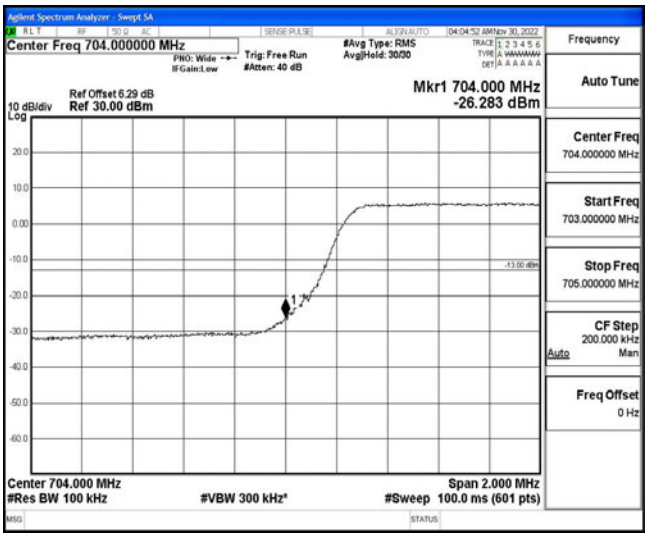
Band17-5MHz-QPSK-23755-25RB#0



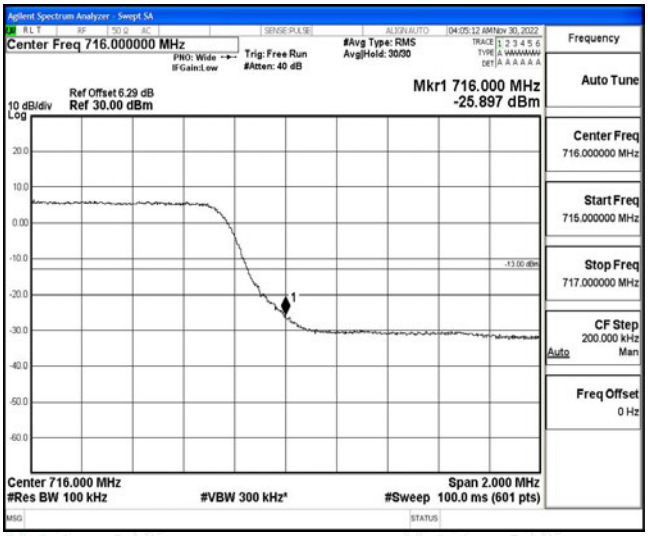
Band17-5MHz-QPSK-23825-25RB#0



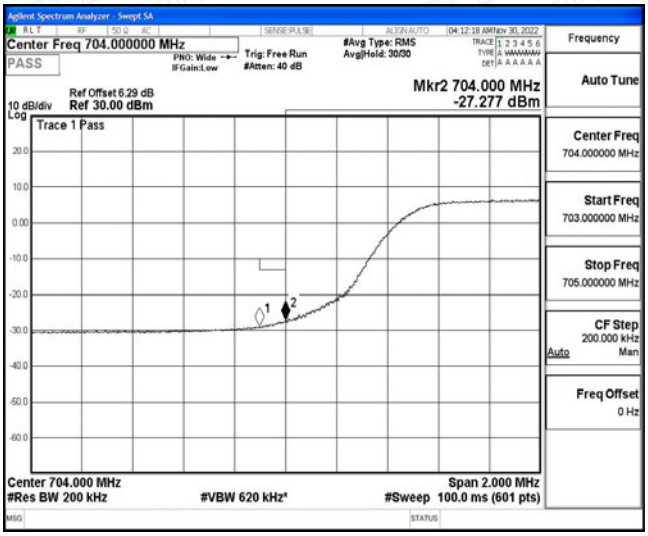
Band17-5MHz-16QAM-23755-25RB#0



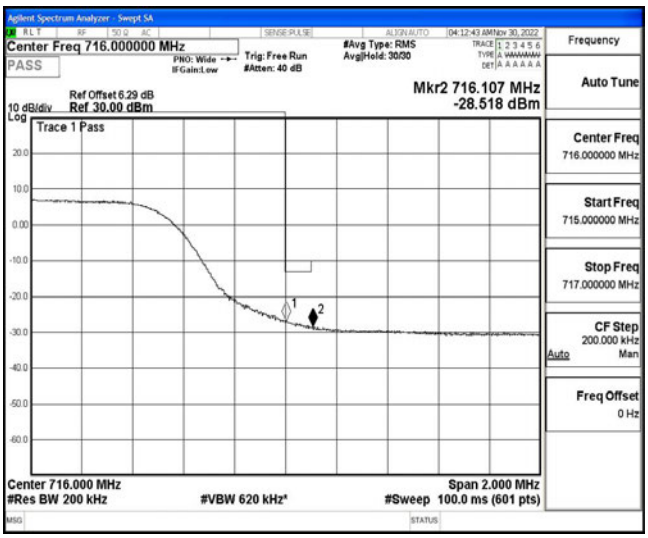
Band17-5MHz-16QAM-23825-25RB#0



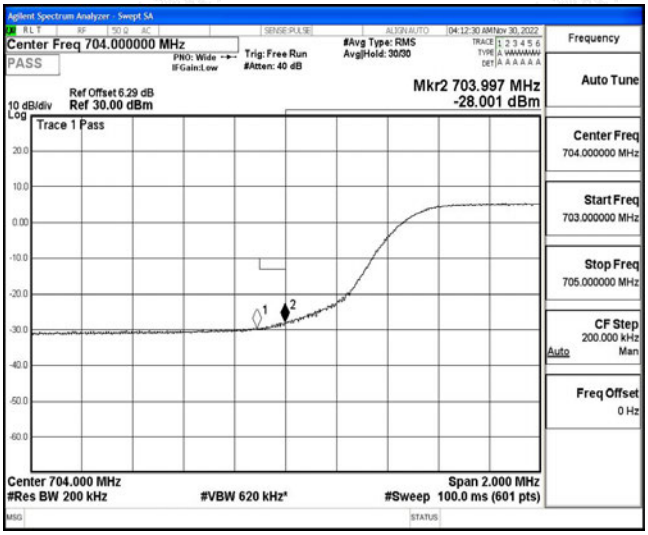
Band17-10MHz-QPSK-23780-50RB#0



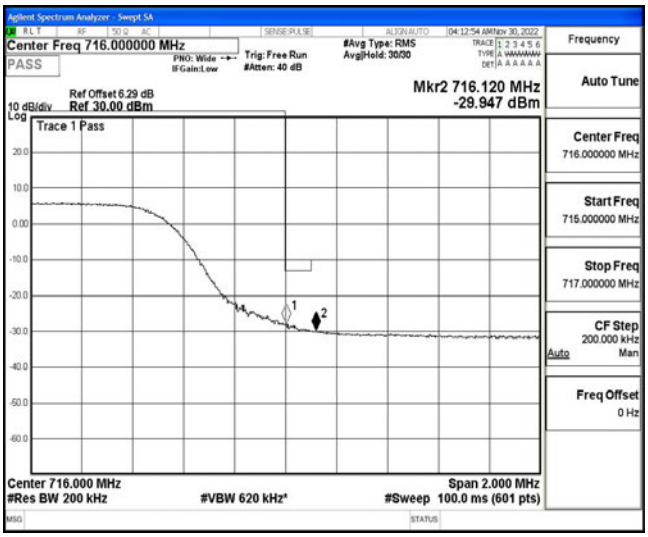
Band17-10MHz-QPSK-23800-50RB#0



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



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



I.5 Conducted Spurious Emission

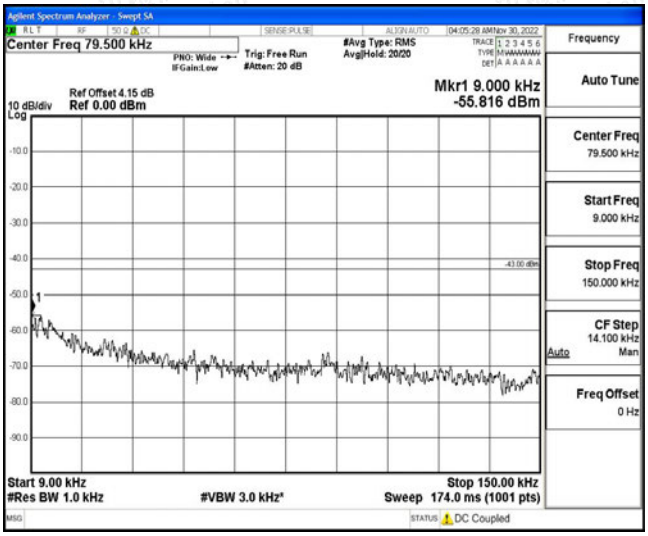
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	Range1:0.009~0.15MHz	-55.82	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:0.15~30MHz	-51.69	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range3:30~1000MHz	-41.37	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range4:1000~10000MHz	-45.02	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:0.009~0.15MHz	-54.67	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:0.15~30MHz	-52.65	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range3:30~1000MHz	-40.81	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range4:1000~10000MHz	-45.05	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:0.009~0.15MHz	-53.18	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:0.15~30MHz	-50.2	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range3:30~1000MHz	-41.14	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range1:0.009~0.15MHz	-56.3	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:0.15~30MHz	-51.53	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range3:30~1000MHz	-40.47	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:0.009~0.15MHz	-57.08	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:0.15~30MHz	-50.98	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range3:30~1000MHz	-40.86	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:0.009~0.15MHz	-53.6	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:0.15~30MHz	-50.49	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range3:30~1000MHz	-41.32	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:0.009~0.15MHz	-55.83	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:0.15~30MHz	-51.19	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range3:30~1000MHz	-40.43	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range4:1000~10000MHz	-45.04	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:0.009~0.15MHz	-54.67	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:0.15~30MHz	-53.04	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range3:30~1000MHz	-40.93	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range4:1000~10000MHz	-45.05	PASS

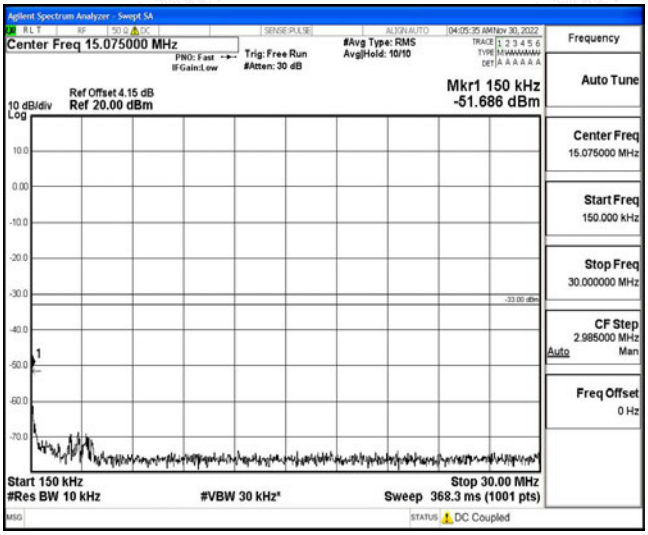
Band17	10MHz	QPSK	23800	1RB#0	Range1:0.009~0.15MHz	-55.31	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range2:0.15~30MHz	-50.56	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range3:30~1000MHz	-40.87	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range4:1000~10000MHz	-45.06	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:0.009~0.15MHz	-55.02	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:0.15~30MHz	-49.31	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range3:30~1000MHz	-40.93	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:0.009~0.15MHz	-56.13	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:0.15~30MHz	-52.04	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range3:30~1000MHz	-39.66	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range4:1000~10000MHz	-44.92	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:0.009~0.15MHz	-55.36	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:0.15~30MHz	-49.71	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range3:30~1000MHz	-40.32	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range4:1000~10000MHz	-45.04	PASS

Test Graphs

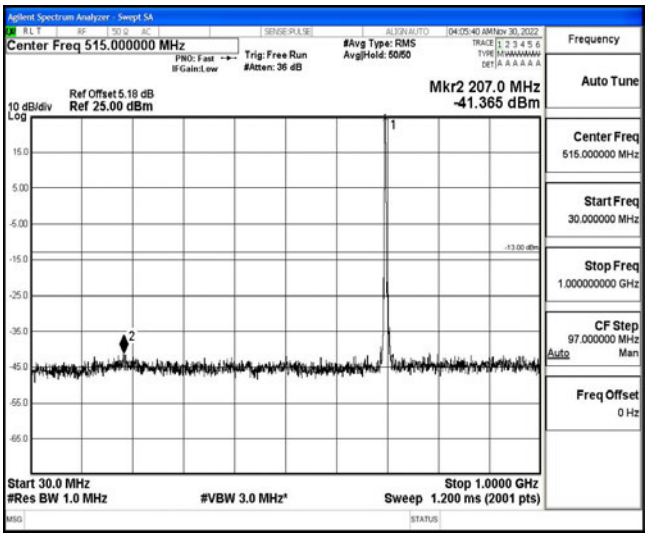
Band17-5MHz-QPSK-23755-1RB#0-Range1:0.009~0.15MHz



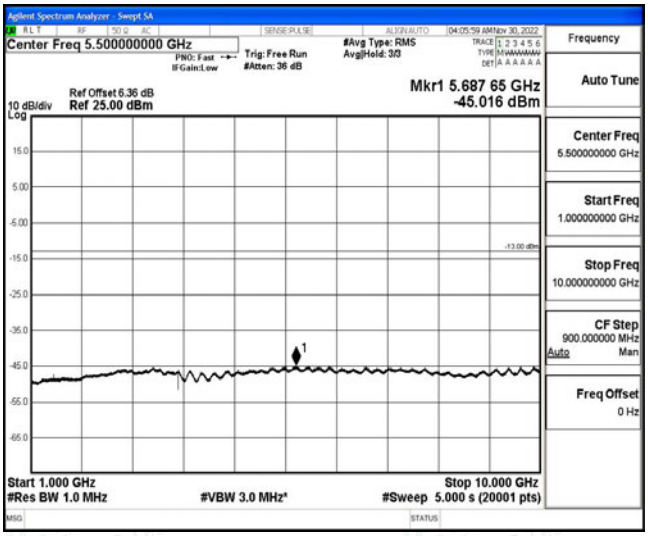
Band17-5MHz-QPSK-23755-1RB#0-Range2:0.15~30MHz



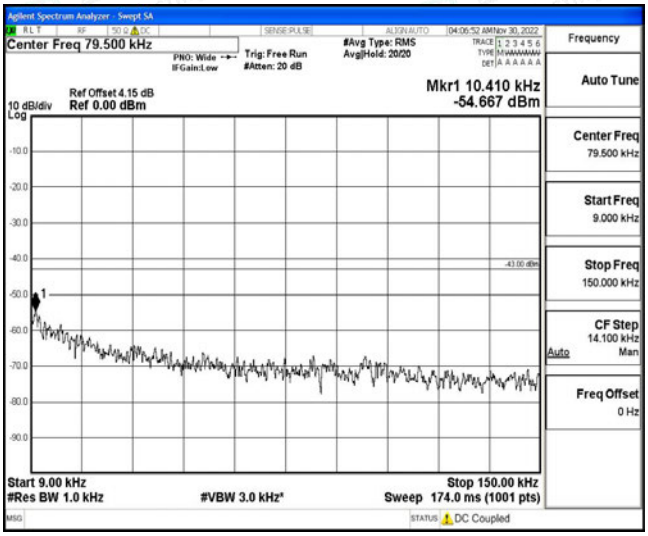
Band17-5MHz-QPSK-23755-1RB#0-Range3:30~1000MHz



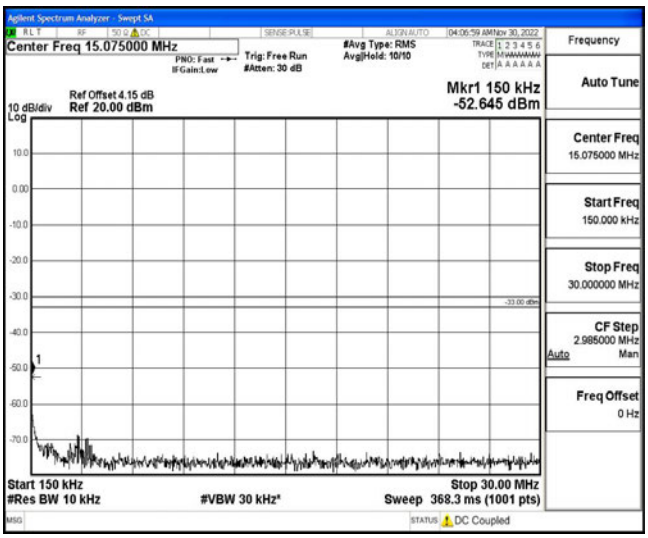
Band17-5MHz-QPSK-23755-1RB#0-Range4:1000~10000MHz



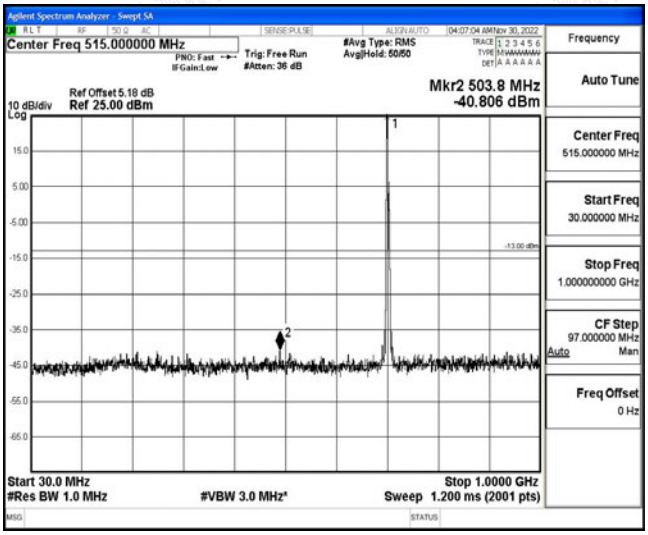
Band17-5MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz



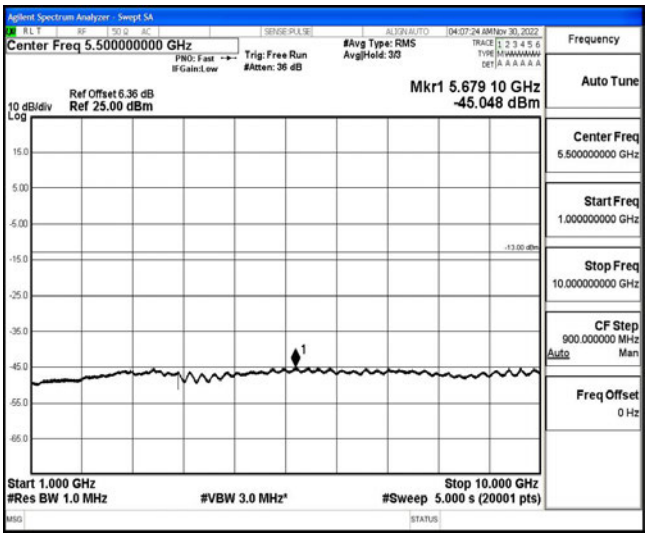
Band17-5MHz-QPSK-23790-1RB#0-Range2:0.15~30MHz



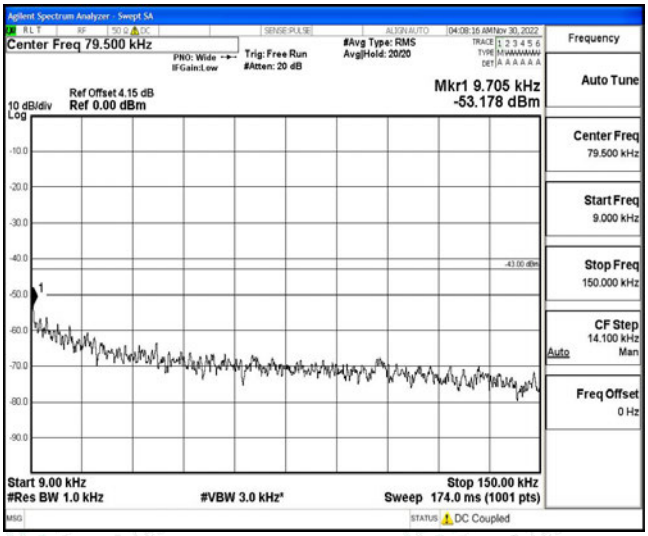
Band17-5MHz-QPSK-23790-1RB#0-Range3:30~1000MHz



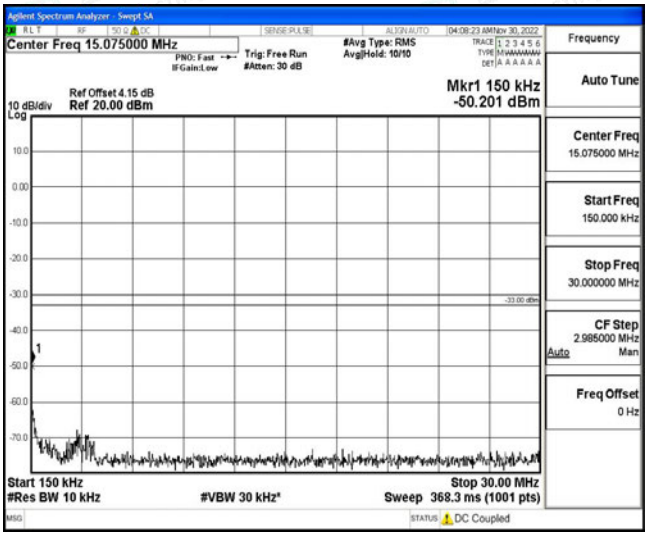
Band17-5MHz-QPSK-23790-1RB#0-Range4:1000~10000MHz



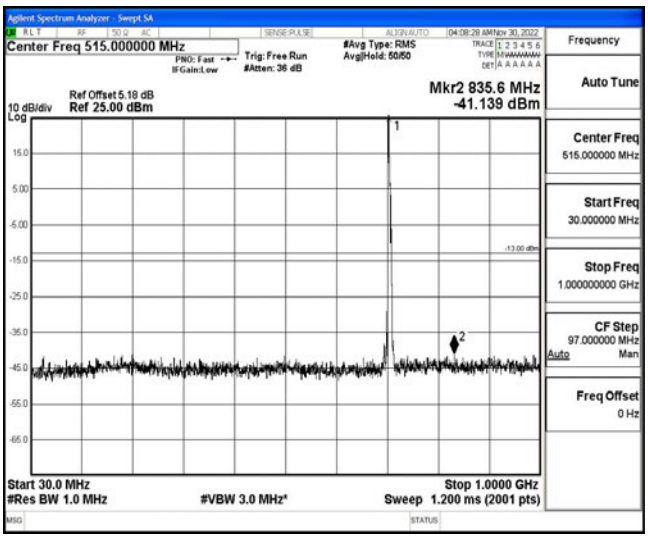
Band17-5MHz-QPSK-23825-1RB#0-Range1:0.009~0.15MHz



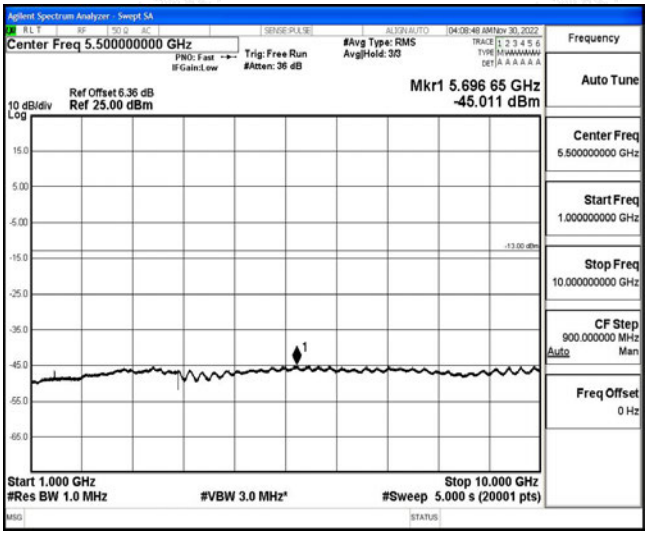
Band17-5MHz-QPSK-23825-1RB#0-Range2:0.15~30MHz



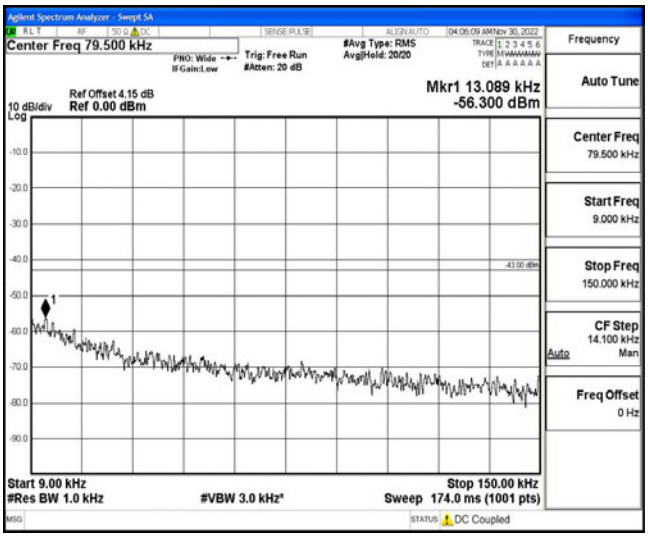
Band17-5MHz-QPSK-23825-1RB#0-Range3:30~1000MHz



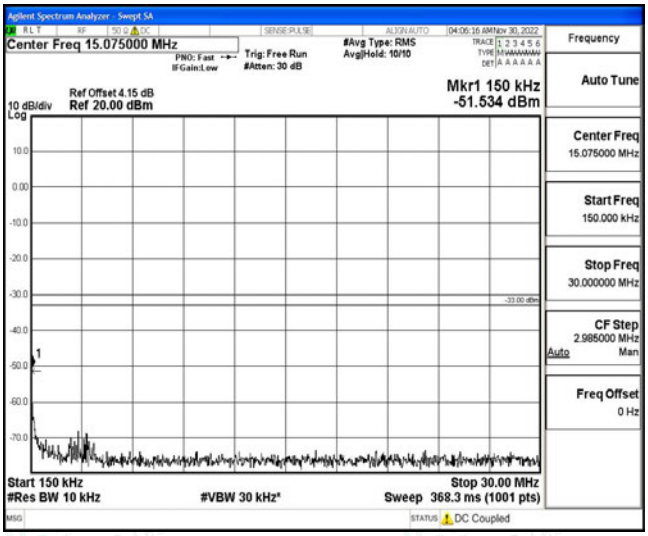
Band17-5MHz-QPSK-23825-1RB#0-Range4:1000~10000MHz



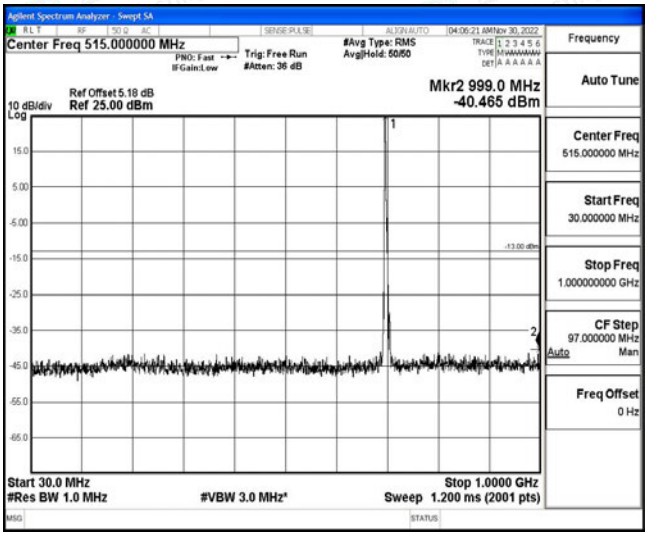
Band17-5MHz-16QAM-23755-1RB#0-Range1:0.009~0.15MHz



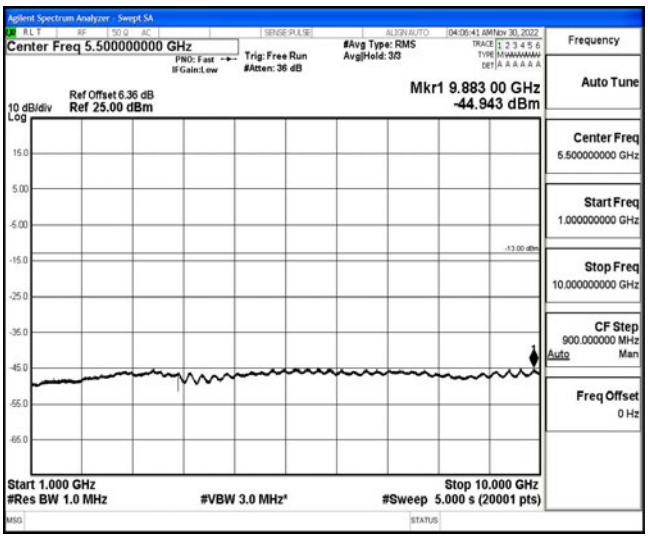
Band17-5MHz-16QAM-23755-1RB#0-Range2:0.15~30MHz



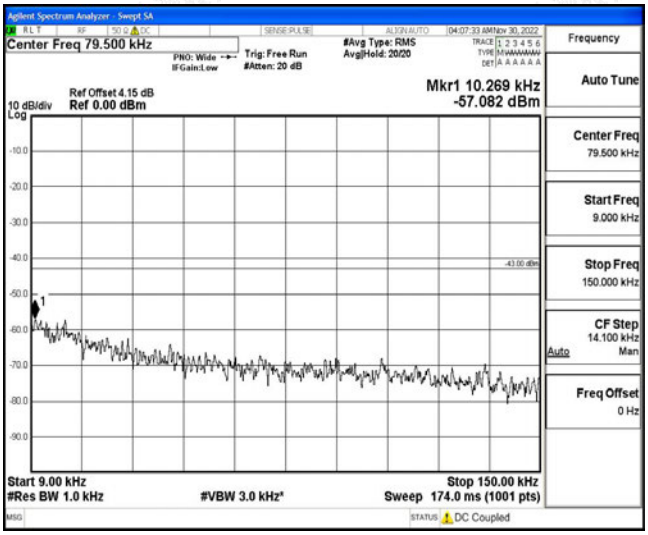
Band17-5MHz-16QAM-23755-1RB#0-Range3:30~1000MHz



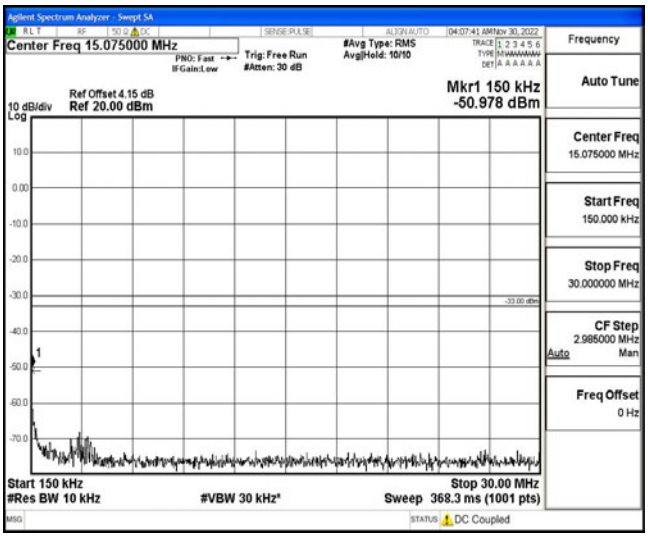
Band17-5MHz-16QAM-23755-1RB#0-Range4:1000~10000MHz



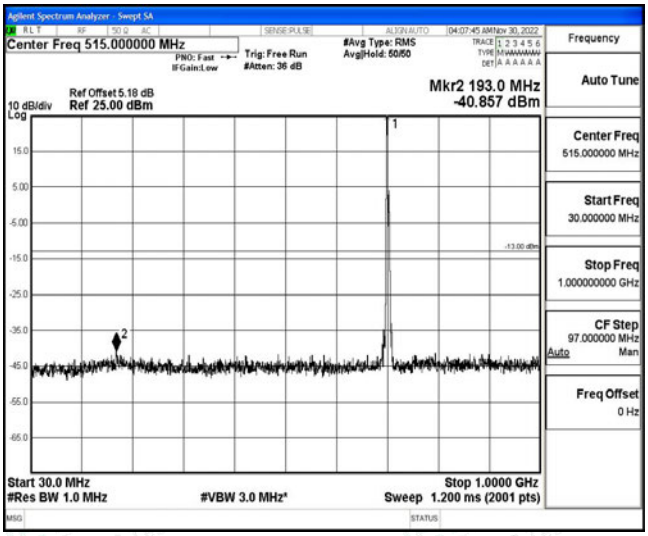
Band17-5MHz-16QAM-23790-1RB#0-Range1:0.009~0.15MHz



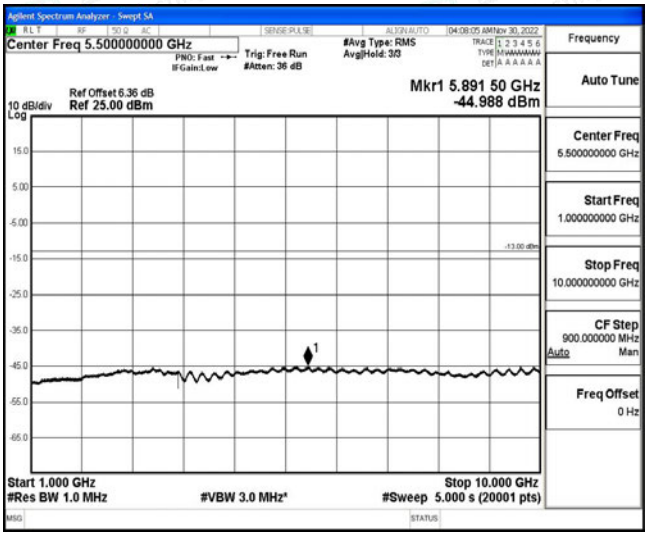
Band17-5MHz-16QAM-23790-1RB#0-Range2:0.15~30MHz



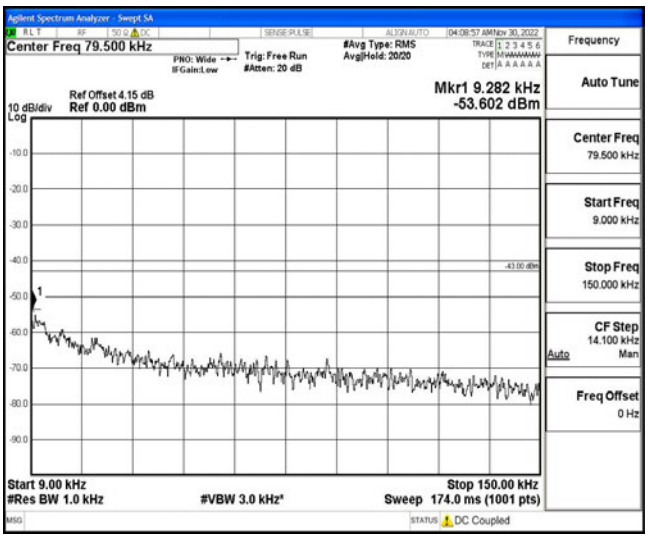
Band17-5MHz-16QAM-23790-1RB#0-Range3:30~1000MHz



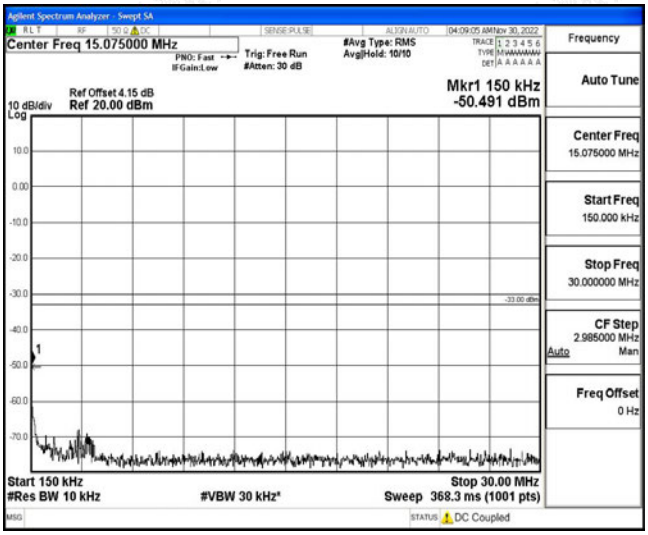
Band17-5MHz-16QAM-23790-1RB#0-Range4:1000~10000MHz



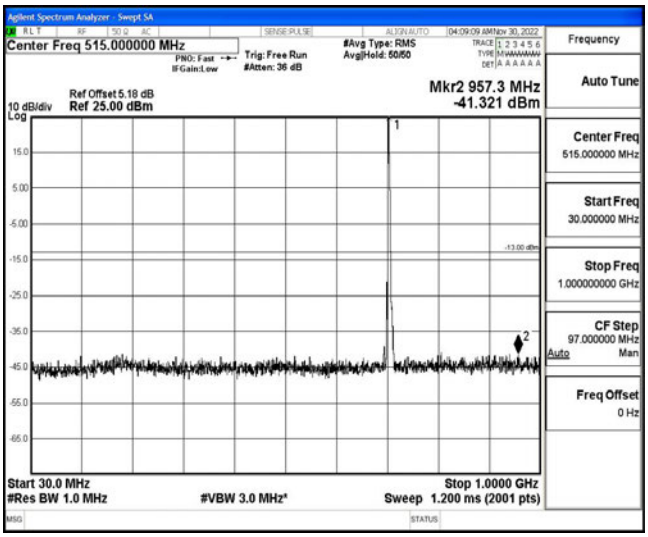
Band17-5MHz-16QAM-23825-1RB#0-Range1:0.009~0.15MHz



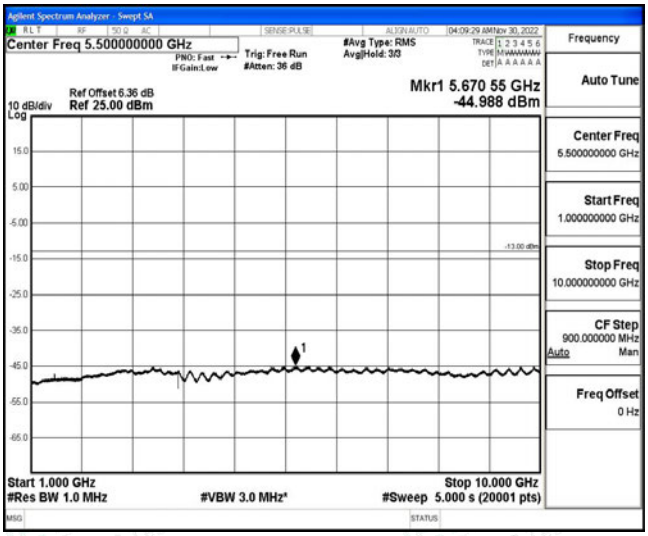
Band17-5MHz-16QAM-23825-1RB#0-Range2:0.15~30MHz



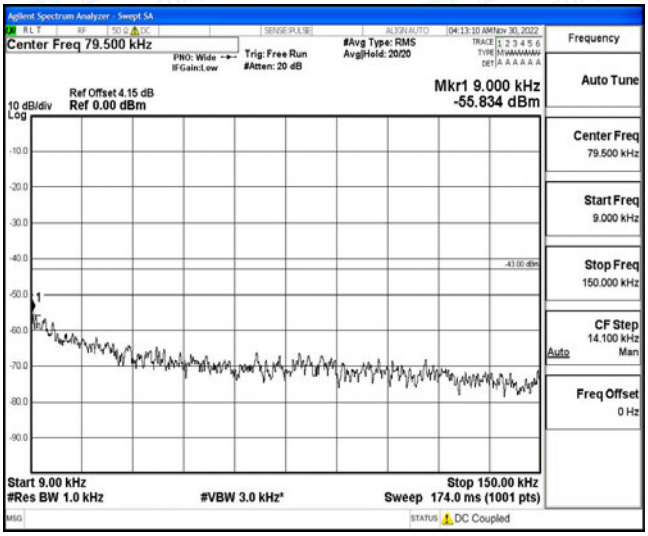
Band17-5MHz-16QAM-23825-1RB#0-Range3:30~1000MHz



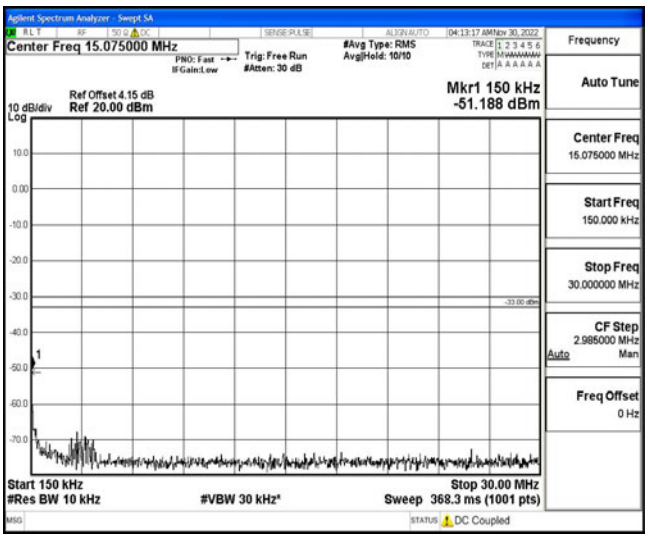
Band17-5MHz-16QAM-23825-1RB#0-Range4:1000~10000MHz



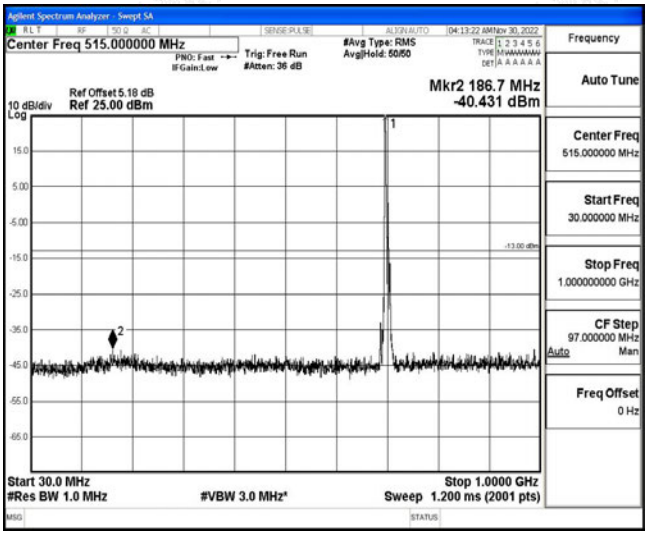
Band17-10MHz-QPSK-23780-1RB#0-Range1:0.009~0.15MHz



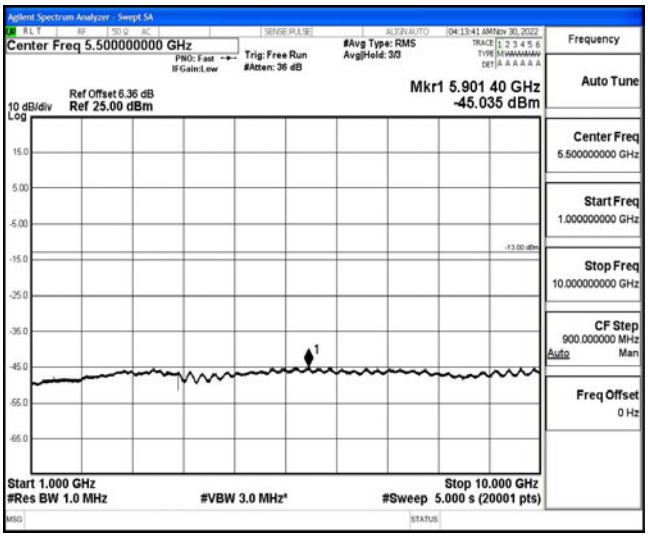
Band17-10MHz-QPSK-23780-1RB#0-Range2:0.15~30MHz



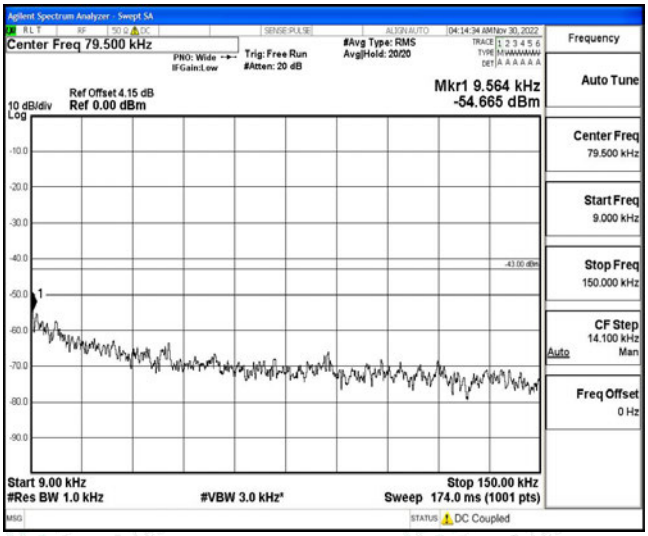
Band17-10MHz-QPSK-23780-1RB#0-Range3:30~1000MHz



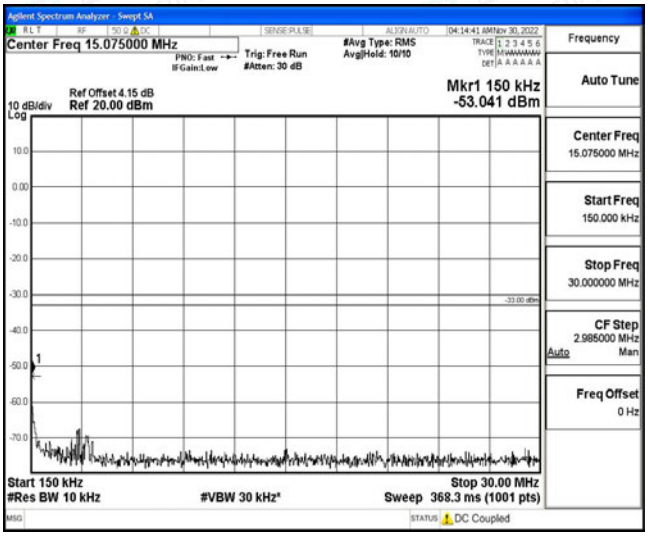
Band17-10MHz-QPSK-23780-1RB#0-Range4:1000~10000MHz



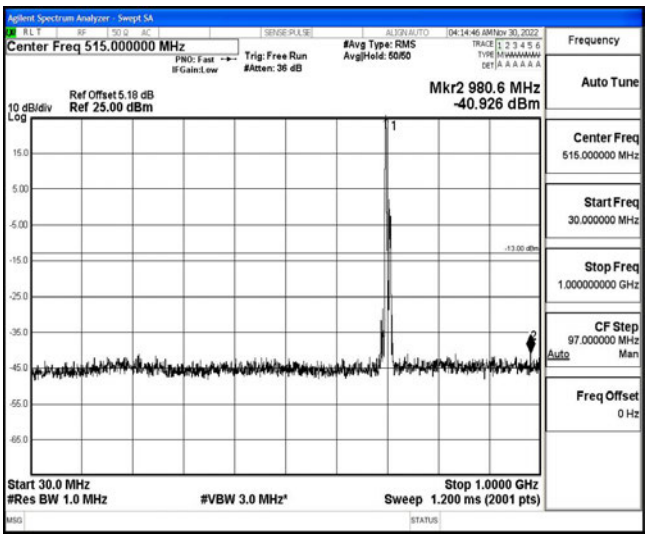
Band17-10MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz



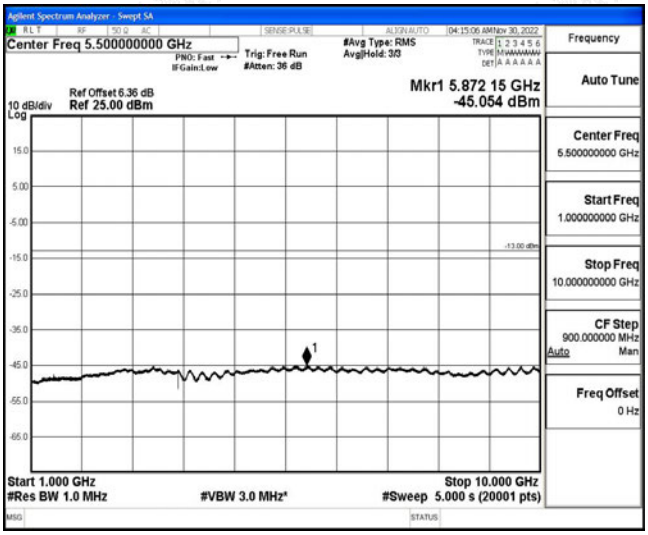
Band17-10MHz-QPSK-23790-1RB#0-Range2:0.15~30MHz



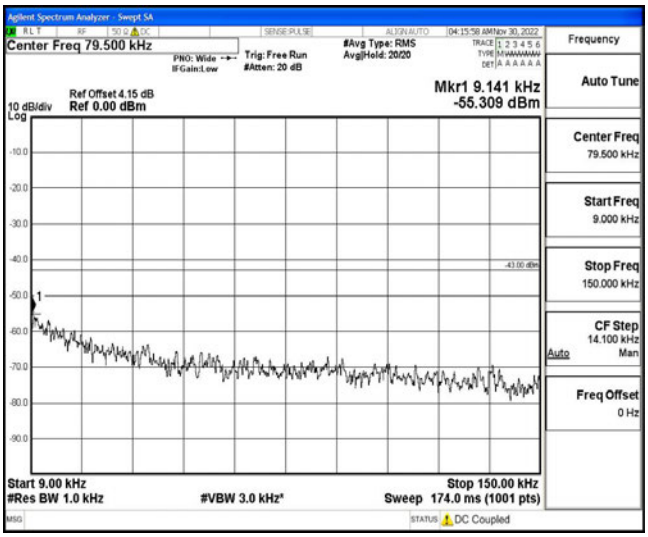
Band17-10MHz-QPSK-23790-1RB#0-Range3:30~1000MHz



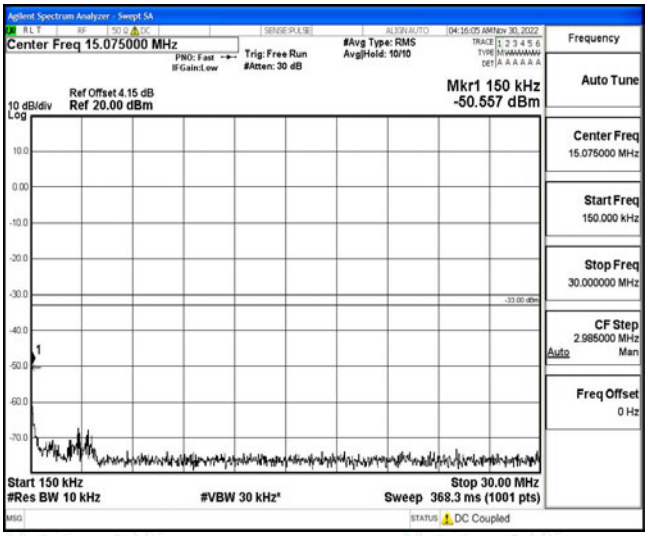
Band17-10MHz-QPSK-23790-1RB#0-Range4:1000~10000MHz



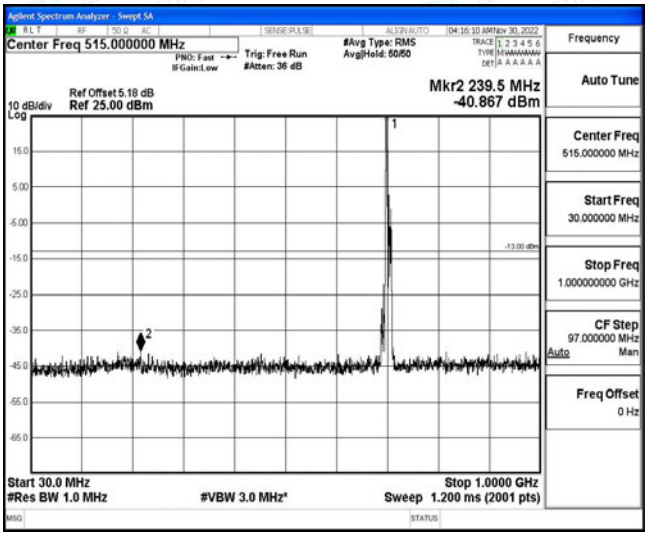
Band17-10MHz-QPSK-23800-1RB#0-Range1:0.009~0.15MHz



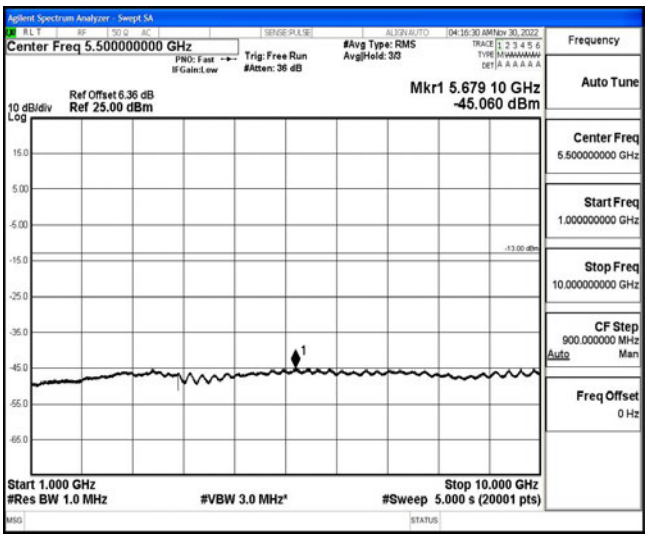
Band17-10MHz-QPSK-23800-1RB#0-Range2:0.15~30MHz



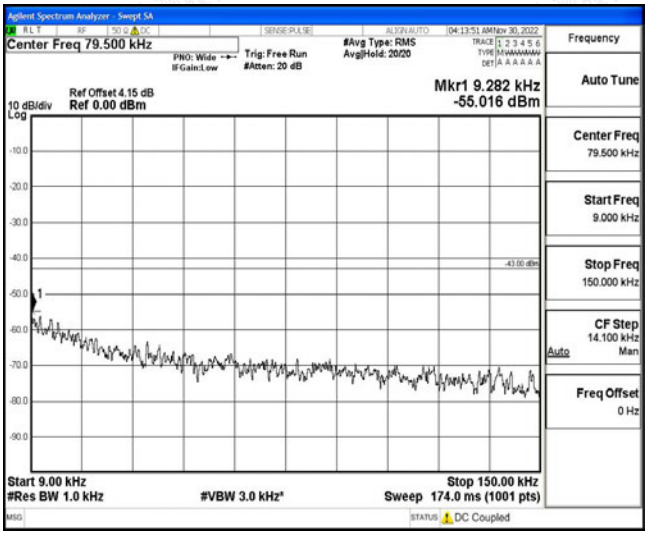
Band17-10MHz-QPSK-23800-1RB#0-Range3:30~1000MHz



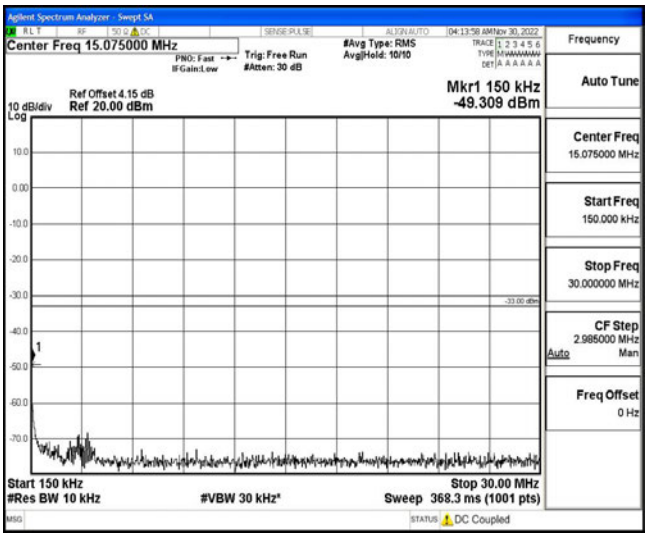
Band17-10MHz-QPSK-23800-1RB#0-Range4:1000~10000MHz



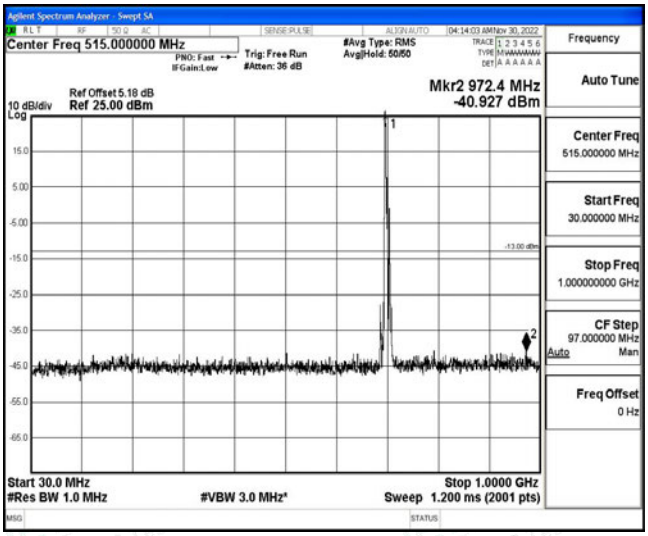
Band17-10MHz-16QAM-23780-1RB#0-Range1:0.009~0.15MHz



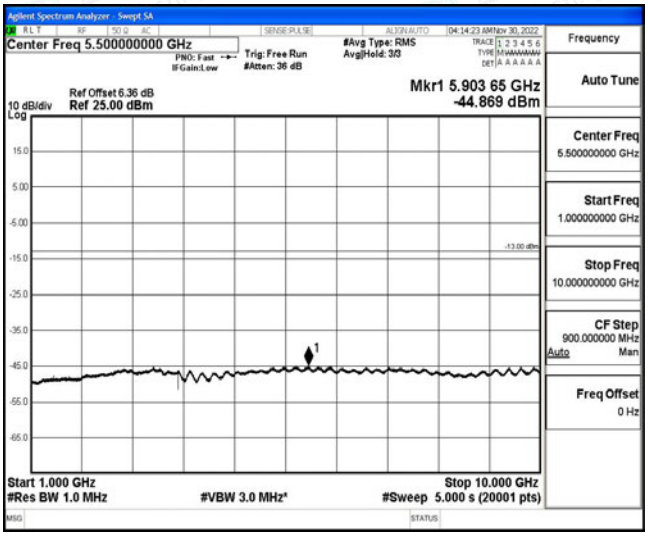
Band17-10MHz-16QAM-23780-1RB#0-Range2:0.15~30MHz



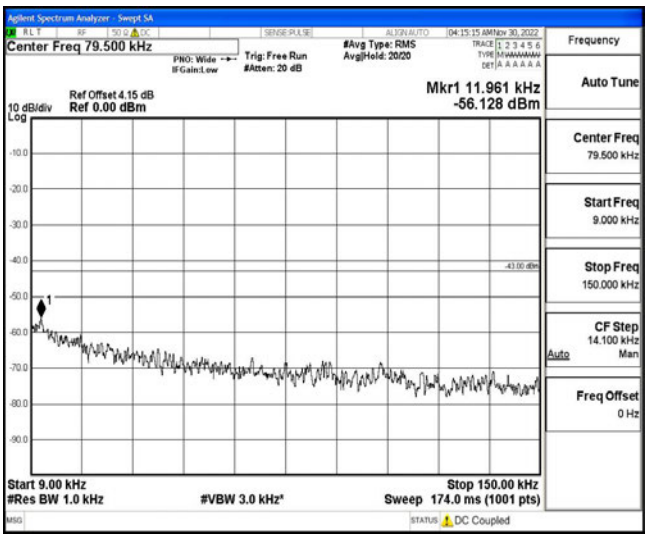
Band17-10MHz-16QAM-23780-1RB#0-Range3:30~1000MHz



Band17-10MHz-16QAM-23780-1RB#0-Range4:1000~10000MHz

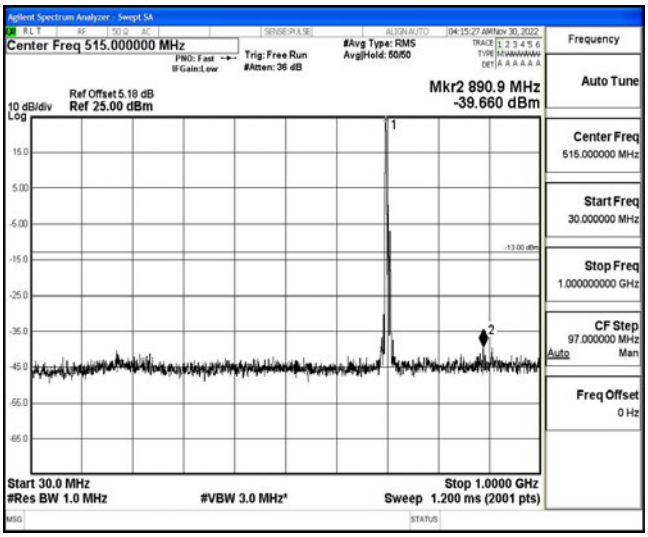


Band17-10MHz-16QAM-23790-1RB#0-Range1:0.009~0.15MHz

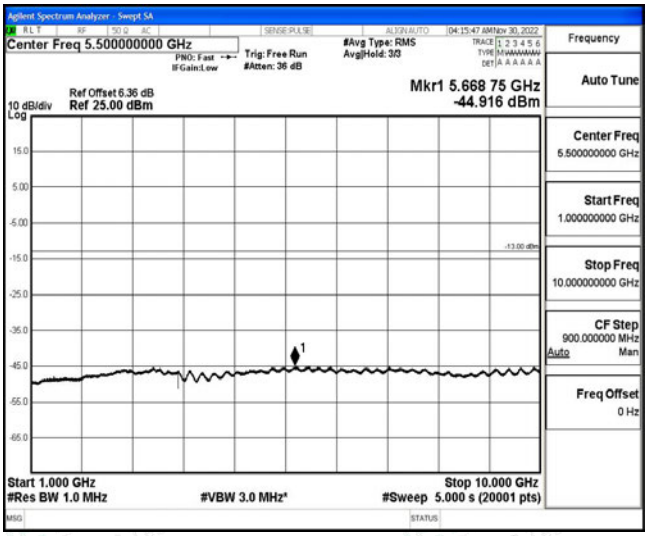


Band17-10MHz-16QAM-23790-1RB#0-Range2:0.15~30MHz

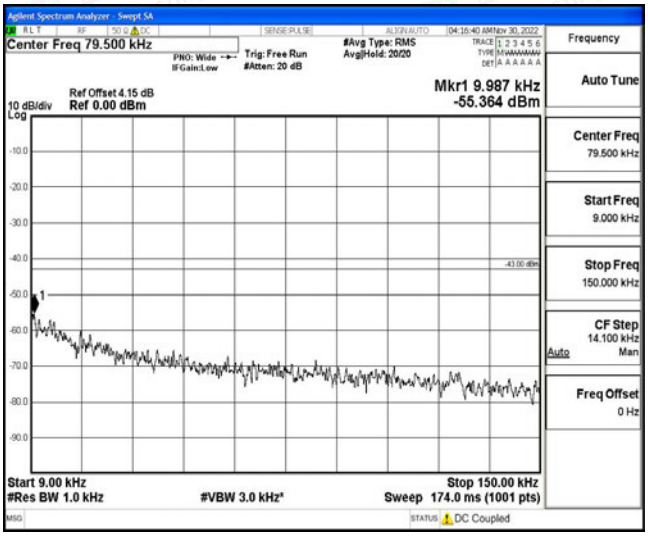
Band17-10MHz-16QAM-23790-1RB#0-Range3:30~1000MHz



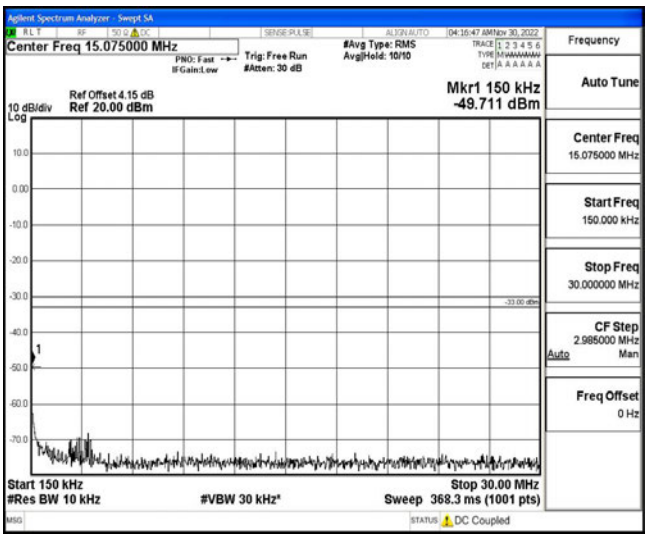
Band17-10MHz-16QAM-23790-1RB#0-Range4:1000~10000MHz



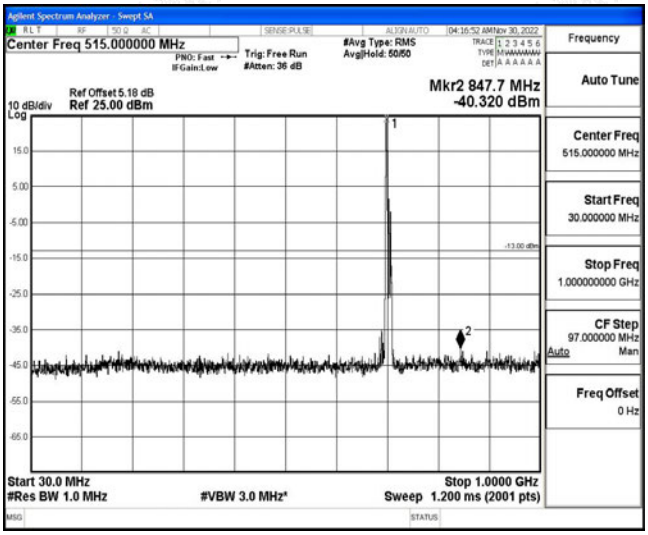
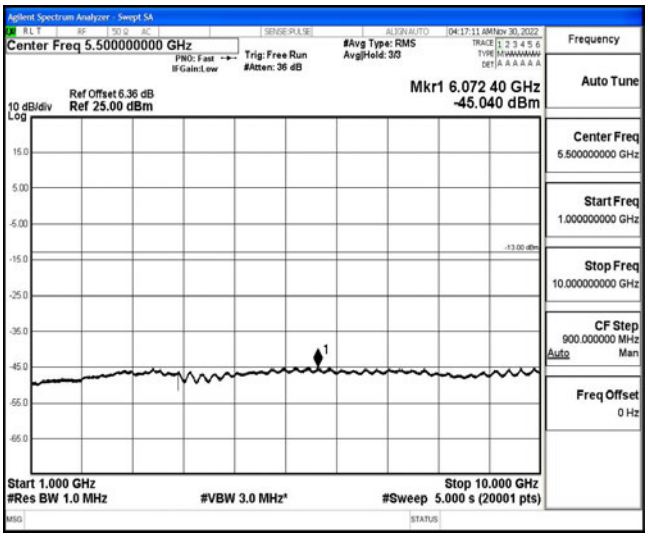
Band17-10MHz-16QAM-23800-1RB#0-Range1:0.009~0.15MHz



Band17-10MHz-16QAM-23800-1RB#0-Range2:0.15~30MHz



Band17-10MHz-16QAM-23800-1RB#0-Range3:30~1000MHz



Band17-10MHz-16QAM-23800-1RB#0-Range4:1000~10000MHz