



Appendix H: Test Data for E-UTRA Band 17

Product Name: 8 inches tablet pc

Test Model: Ayat

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Ling Zhu



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Scan code to check authenticity



H.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	21.82	PASS
Band17	5MHz	QPSK	23755	1RB#12	21.78	PASS
Band17	5MHz	QPSK	23755	1RB#24	21.68	PASS
Band17	5MHz	QPSK	23755	12RB#0	20.82	PASS
Band17	5MHz	QPSK	23755	12RB#6	20.85	PASS
Band17	5MHz	QPSK	23755	12RB#13	20.59	PASS
Band17	5MHz	QPSK	23755	25RB#0	20.72	PASS
Band17	5MHz	QPSK	23790	1RB#0	21.52	PASS
Band17	5MHz	QPSK	23790	1RB#12	21.44	PASS
Band17	5MHz	QPSK	23790	1RB#24	21.50	PASS
Band17	5MHz	QPSK	23790	12RB#0	20.60	PASS
Band17	5MHz	QPSK	23790	12RB#6	20.62	PASS
Band17	5MHz	QPSK	23790	12RB#13	20.43	PASS
Band17	5MHz	QPSK	23790	25RB#0	20.60	PASS
Band17	5MHz	QPSK	23825	1RB#0	21.80	PASS
Band17	5MHz	QPSK	23825	1RB#12	21.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	21.71	PASS
Band17	5MHz	QPSK	23825	12RB#0	20.57	PASS
Band17	5MHz	QPSK	23825	12RB#6	20.53	PASS
Band17	5MHz	QPSK	23825	12RB#13	20.53	PASS
Band17	5MHz	QPSK	23825	25RB#0	20.65	PASS
Band17	5MHz	16QAM	23755	1RB#0	20.02	PASS
Band17	5MHz	16QAM	23755	1RB#12	20.06	PASS
Band17	5MHz	16QAM	23755	1RB#24	20.00	PASS
Band17	5MHz	16QAM	23755	12RB#0	19.69	PASS
Band17	5MHz	16QAM	23755	12RB#6	19.69	PASS
Band17	5MHz	16QAM	23755	12RB#13	19.56	PASS
Band17	5MHz	16QAM	23755	25RB#0	19.76	PASS
Band17	5MHz	16QAM	23790	1RB#0	20.75	PASS
Band17	5MHz	16QAM	23790	1RB#12	20.78	PASS





Band17	5MHz	16QAM	23790	1RB#24	20.70	PASS
Band17	5MHz	16QAM	23790	12RB#0	19.70	PASS
Band17	5MHz	16QAM	23790	12RB#6	19.61	PASS
Band17	5MHz	16QAM	23790	12RB#13	19.99	PASS
Band17	5MHz	16QAM	23790	25RB#0	19.73	PASS
Band17	5MHz	16QAM	23825	1RB#0	20.22	PASS
Band17	5MHz	16QAM	23825	1RB#12	20.39	PASS
Band17	5MHz	16QAM	23825	1RB#24	20.16	PASS
Band17	5MHz	16QAM	23825	12RB#0	19.90	PASS
Band17	5MHz	16QAM	23825	12RB#6	19.90	PASS
Band17	5MHz	16QAM	23825	12RB#13	19.46	PASS
Band17	5MHz	16QAM	23825	25RB#0	19.59	PASS
Band17	10MHz	QPSK	23780	1RB#0	21.65	PASS
Band17	10MHz	QPSK	23780	1RB#24	21.67	PASS
Band17	10MHz	QPSK	23780	1RB#49	21.55	PASS
Band17	10MHz	QPSK	23780	25RB#0	20.82	PASS
Band17	10MHz	QPSK	23780	25RB#12	20.83	PASS
Band17	10MHz	QPSK	23780	25RB#25	20.46	PASS
Band17	10MHz	QPSK	23780	50RB#0	20.59	PASS
Band17	10MHz	QPSK	23790	1RB#0	21.76	PASS
Band17	10MHz	QPSK	23790	1RB#24	21.57	PASS
Band17	10MHz	QPSK	23790	1RB#49	21.56	PASS
Band17	10MHz	QPSK	23790	25RB#0	20.85	PASS
Band17	10MHz	QPSK	23790	25RB#12	20.54	PASS
Band17	10MHz	QPSK	23790	25RB#25	20.41	PASS
Band17	10MHz	QPSK	23790	50RB#0	20.53	PASS
Band17	10MHz	QPSK	23800	1RB#0	21.70	PASS
Band17	10MHz	QPSK	23800	1RB#24	21.62	PASS
Band17	10MHz	QPSK	23800	1RB#49	21.53	PASS
Band17	10MHz	QPSK	23800	25RB#0	20.60	PASS
Band17	10MHz	QPSK	23800	25RB#12	20.69	PASS
Band17	10MHz	QPSK	23800	25RB#25	20.59	PASS
Band17	10MHz	QPSK	23800	50RB#0	20.49	PASS
Band17	10MHz	16QAM	23780	1RB#0	20.33	PASS
Band17	10MHz	16QAM	23780	1RB#24	20.22	PASS





Band17	10MHz	16QAM	23780	1RB#49	20.23	PASS
Band17	10MHz	16QAM	23780	25RB#0	19.68	PASS
Band17	10MHz	16QAM	23780	25RB#12	19.68	PASS
Band17	10MHz	16QAM	23780	25RB#25	20.03	PASS
Band17	10MHz	16QAM	23780	50RB#0	19.78	PASS
Band17	10MHz	16QAM	23790	1RB#0	20.51	PASS
Band17	10MHz	16QAM	23790	1RB#24	20.34	PASS
Band17	10MHz	16QAM	23790	1RB#49	20.35	PASS
Band17	10MHz	16QAM	23790	25RB#0	19.71	PASS
Band17	10MHz	16QAM	23790	25RB#12	19.71	PASS
Band17	10MHz	16QAM	23790	25RB#25	20.12	PASS
Band17	10MHz	16QAM	23790	50RB#0	19.75	PASS
Band17	10MHz	16QAM	23800	1RB#0	21.23	PASS
Band17	10MHz	16QAM	23800	1RB#24	21.07	PASS
Band17	10MHz	16QAM	23800	1RB#49	21.03	PASS
Band17	10MHz	16QAM	23800	25RB#0	19.71	PASS
Band17	10MHz	16QAM	23800	25RB#12	19.71	PASS
Band17	10MHz	16QAM	23800	25RB#25	19.61	PASS
Band17	10MHz	16QAM	23800	50RB#0	19.63	PASS





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

Test Result

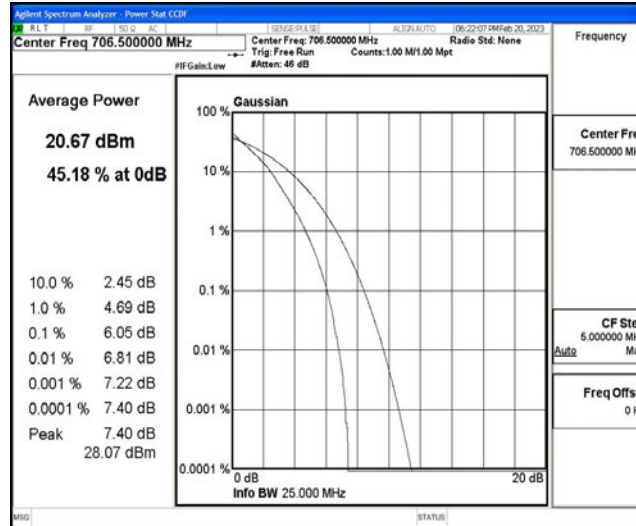
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	6.05	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.87	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.69	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.72	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.61	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.49	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	6.00	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.87	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.82	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.66	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.64	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.56	13	PASS



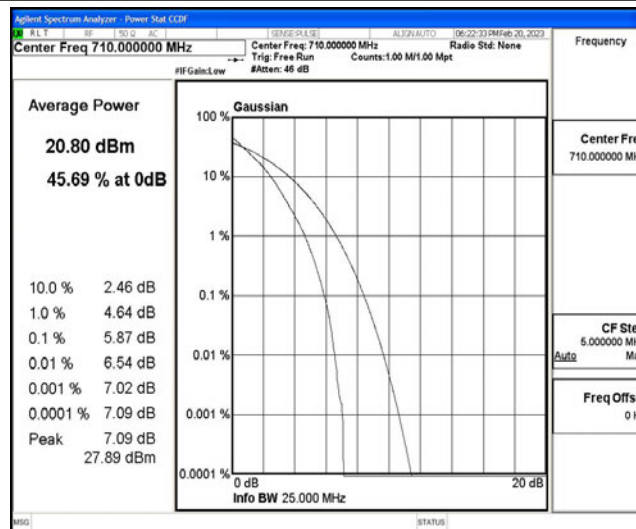


Test Graphs

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

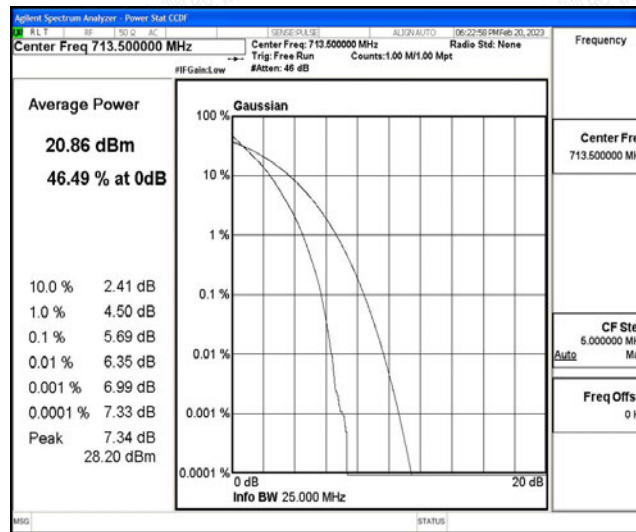


Band17-5MHz-QPSK-23790-25RB#0

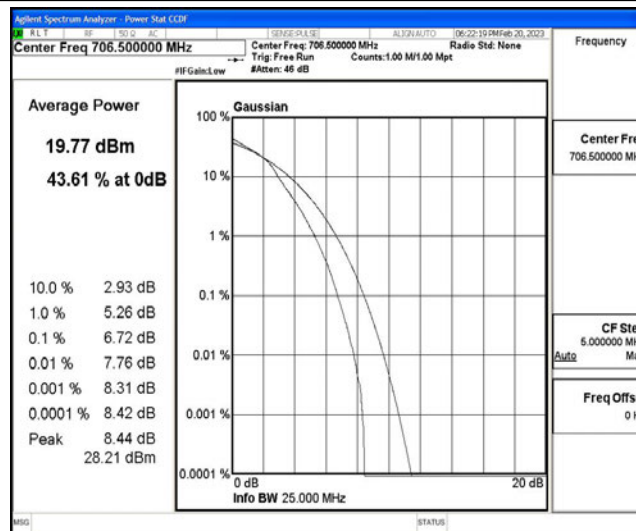


Band17-5MHz-QPSK-23825-25RB#0

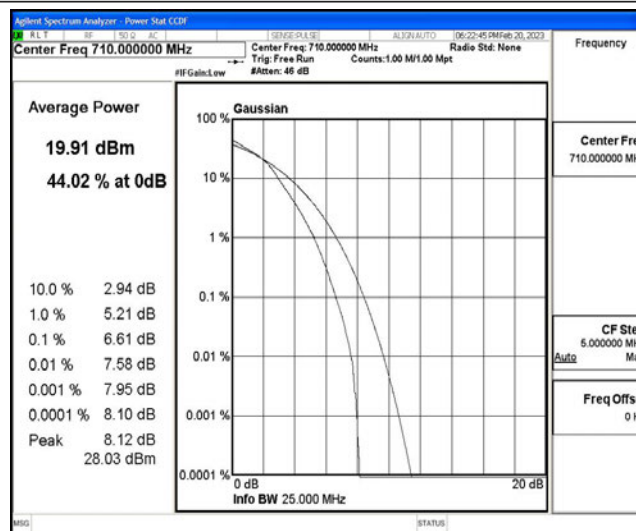




Band17-5MHz-16QAM-23755-25RB#0

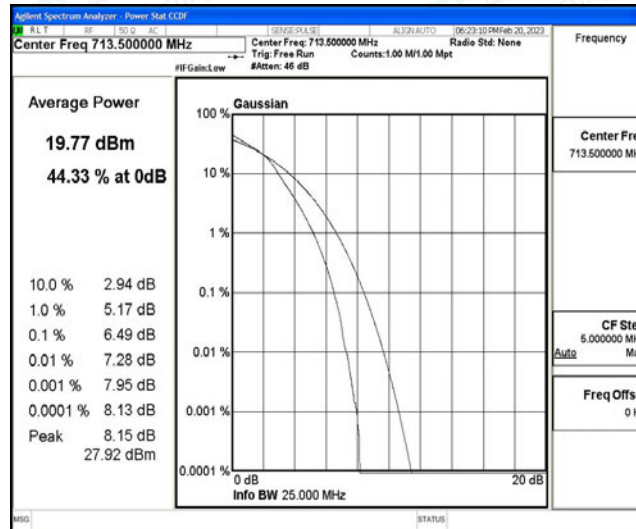


Band17-5MHz-16QAM-23790-25RB#0

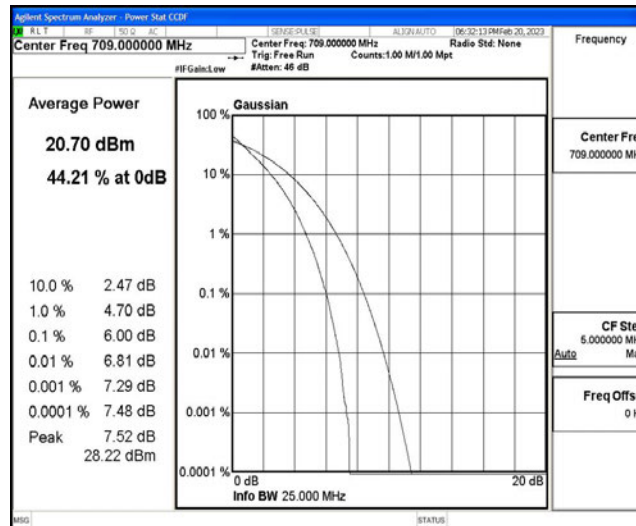




Band17-5MHz-16QAM-23825-25RB#0

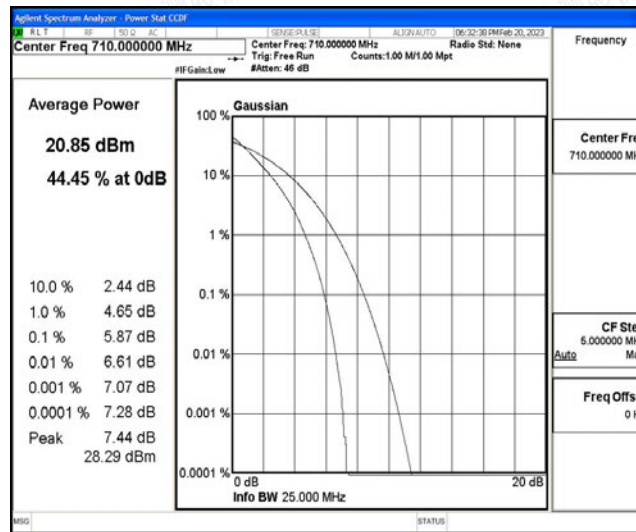


Band17-10MHz-QPSK-23780-50RB#0

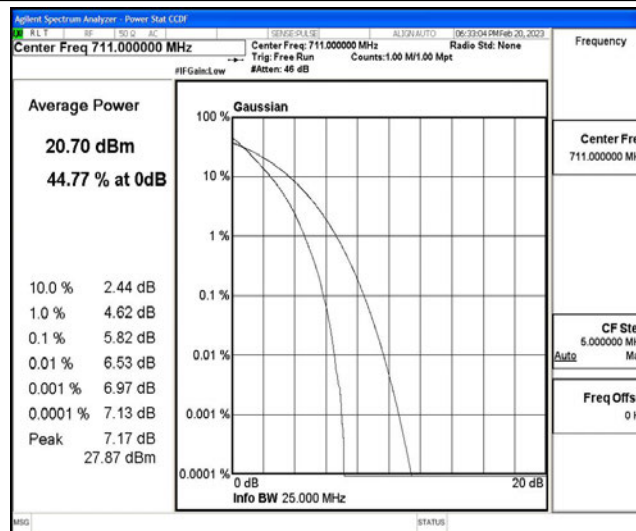


Band17-10MHz-QPSK-23790-50RB#0

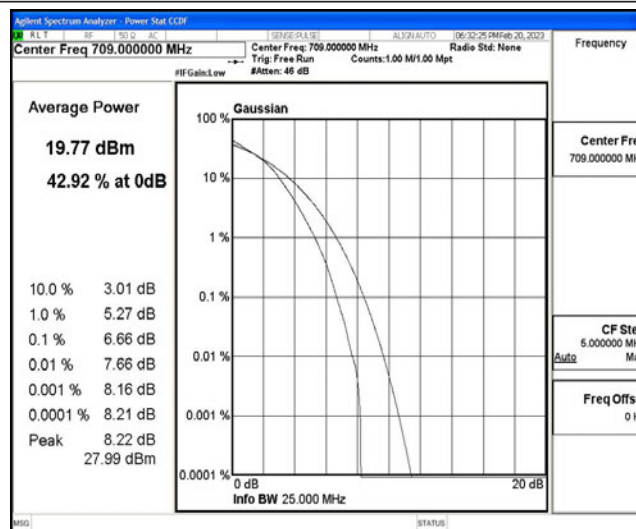




Band17-10MHz-QPSK-23800-50RB#0

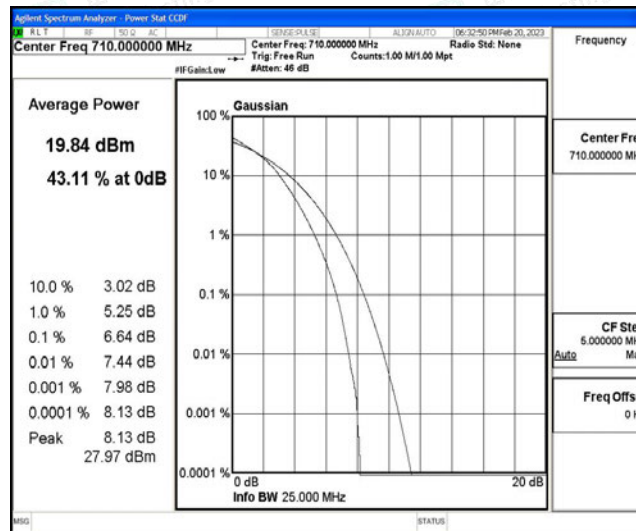


Band17-10MHz-16QAM-23780-50RB#0

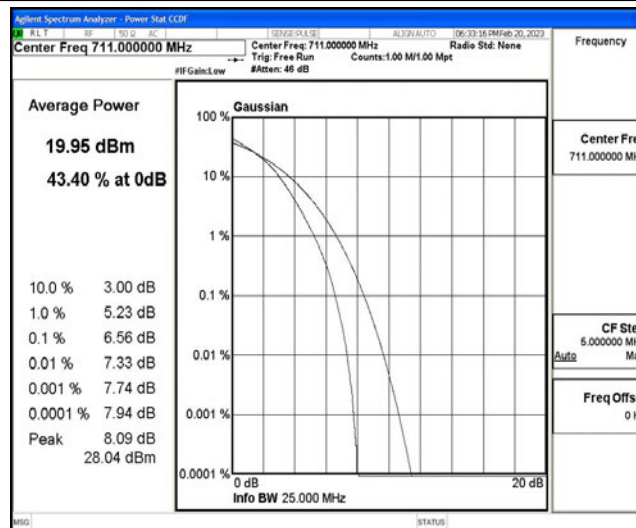




Band17-10MHz-16QAM-23790-50RB#0



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





H.3 26dB Bandwidth and Occupied Bandwidth

Test Result

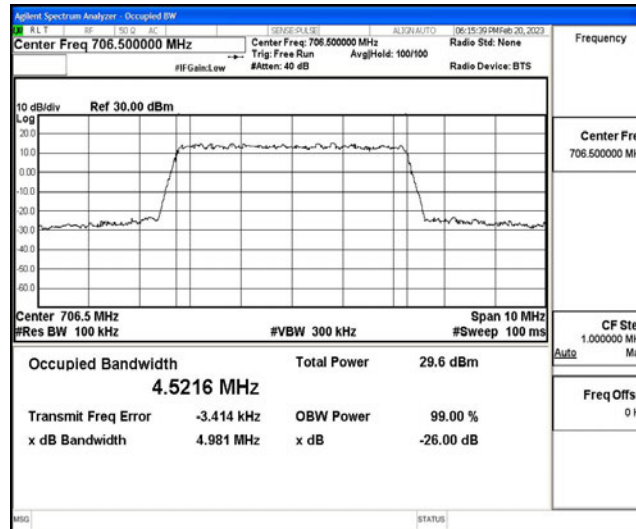
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5216	4.981	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5027	4.986	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4990	4.987	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5115	4.965	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5208	5.000	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5122	5.007	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.0234	9.895	PASS
Band17	10MHz	QPSK	23790	50RB#0	9.0170	9.951	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9818	9.890	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9908	9.888	PASS
Band17	10MHz	16QAM	23790	50RB#0	9.0010	9.938	PASS
Band17	10MHz	16QAM	23800	50RB#0	9.0020	9.918	PASS



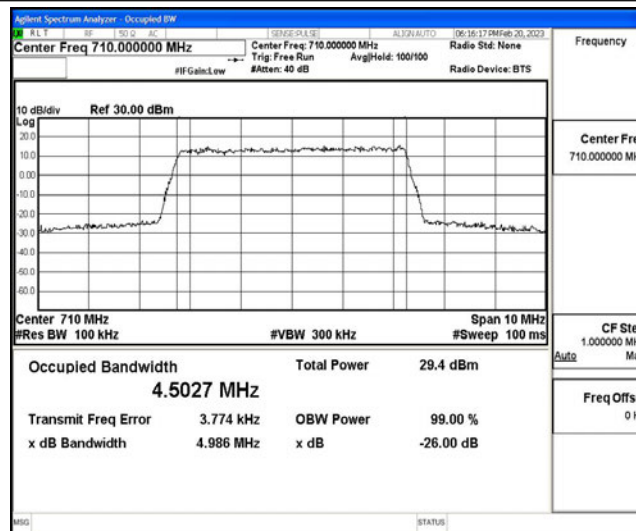


Test Graphs

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

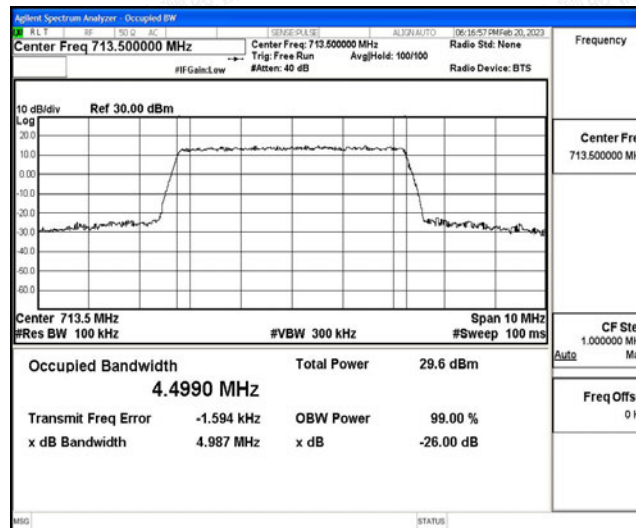


Band17-5MHz-QPSK-23790-25RB#0

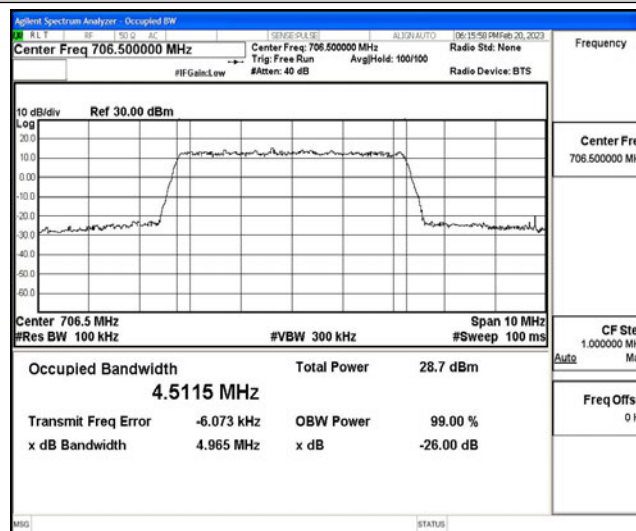


Band17-5MHz-QPSK-23825-25RB#0

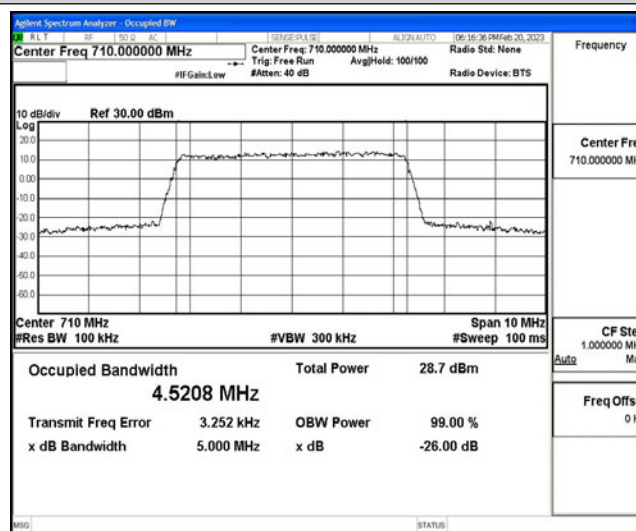




Band17-5MHz-16QAM-23755-25RB#0

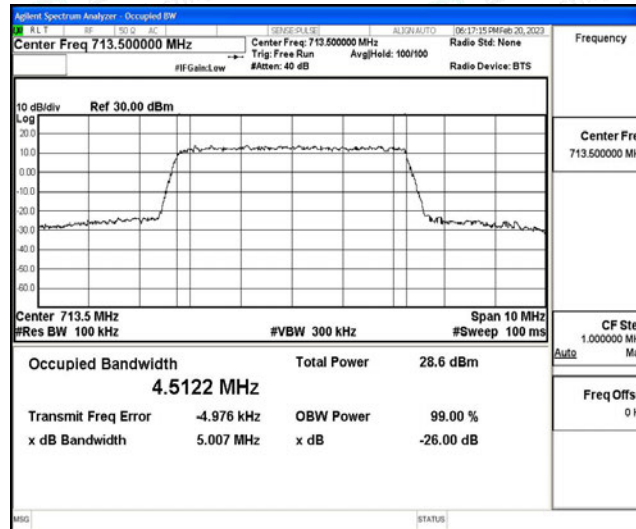


Band17-5MHz-16QAM-23790-25RB#0

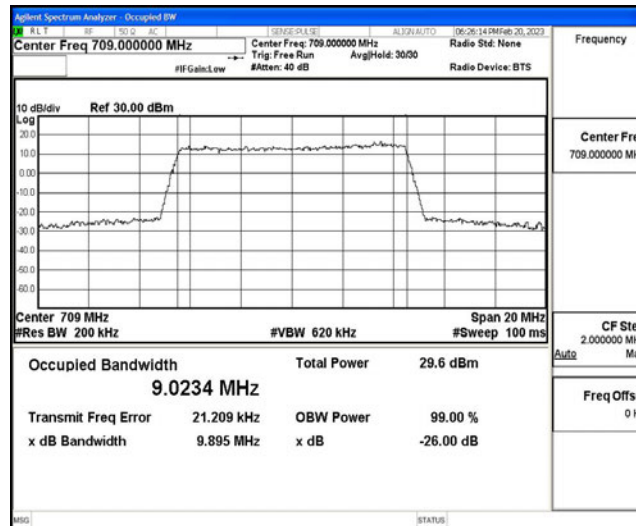




Band17-5MHz-16QAM-23825-25RB#0

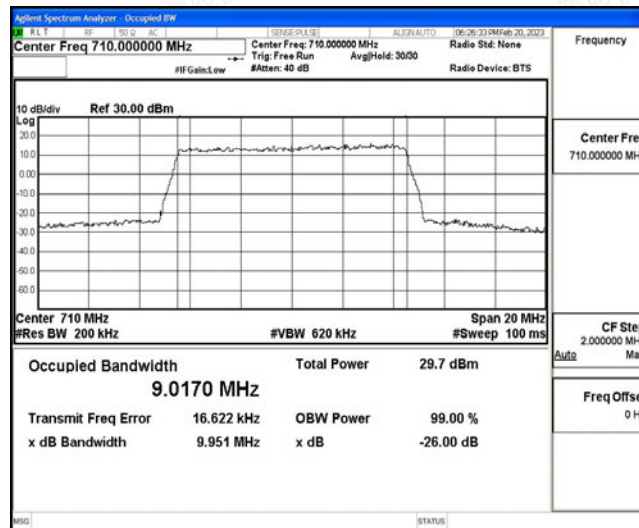


Band17-10MHz-QPSK-23780-50RB#0

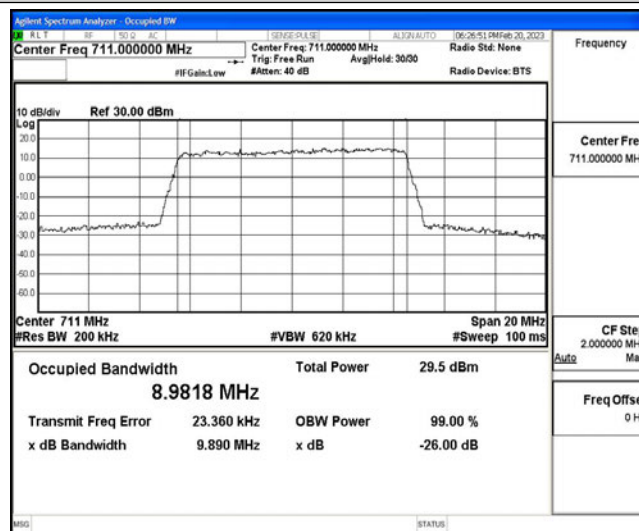


Band17-10MHz-QPSK-23790-50RB#0

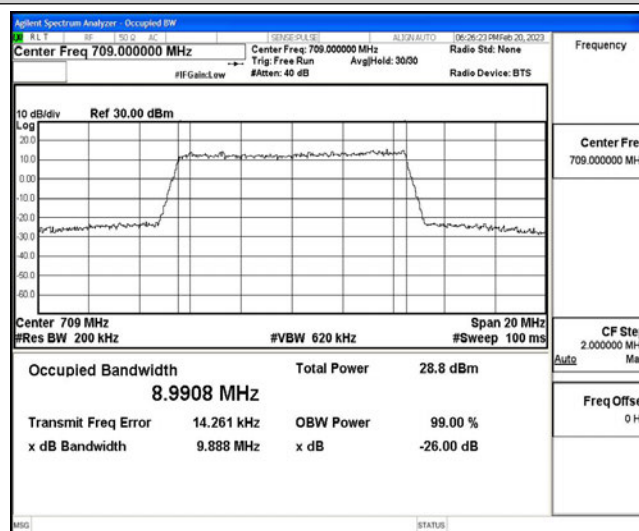




Band17-10MHz-QPSK-23800-50RB#0

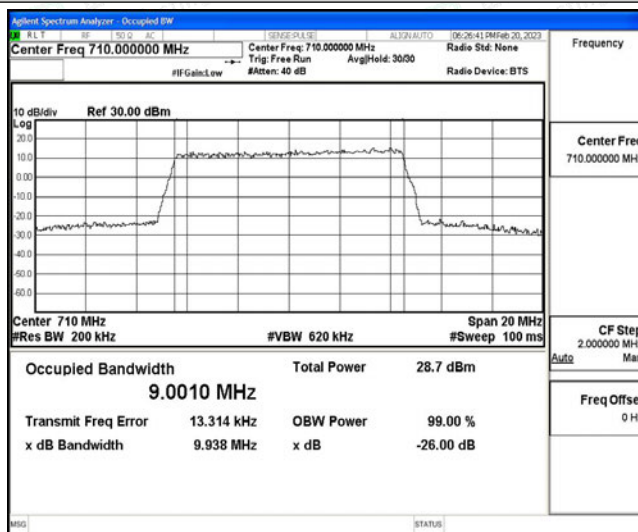


Band17-10MHz-16QAM-23780-50RB#0

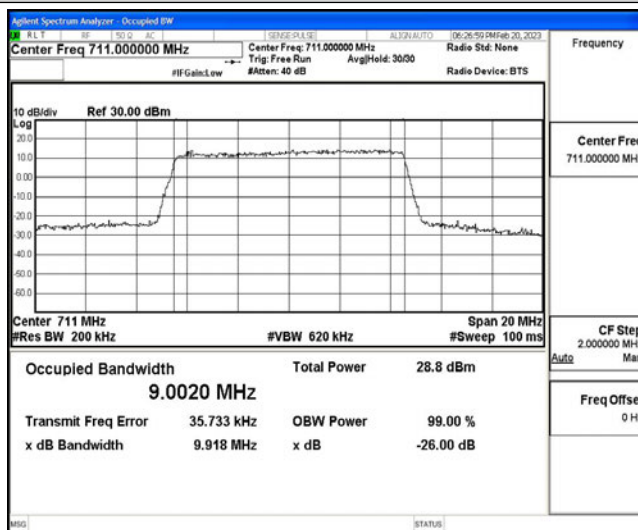




Band17-10MHz-16QAM-23790-50RB#0



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





H.4 Band Edge

Test Result

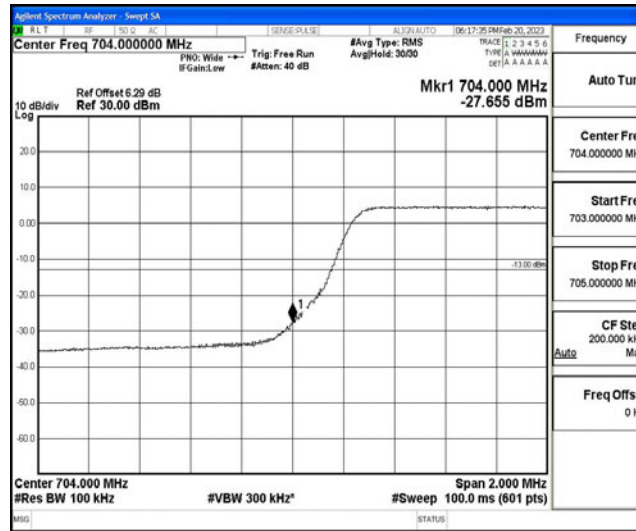
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	-27.65	PASS
Band17	5MHz	QPSK	23825	25RB#0	-27.98	PASS
Band17	5MHz	16QAM	23755	25RB#0	-28.24	PASS
Band17	5MHz	16QAM	23825	25RB#0	-28.76	PASS
Band17	10MHz	QPSK	23780	50RB#0	-32.30,-30.23	PASS
Band17	10MHz	QPSK	23800	50RB#0	-28.92,-31.82	PASS
Band17	10MHz	16QAM	23780	50RB#0	-32.19,-30.47	PASS
Band17	10MHz	16QAM	23800	50RB#0	-29.93,-31.91	PASS



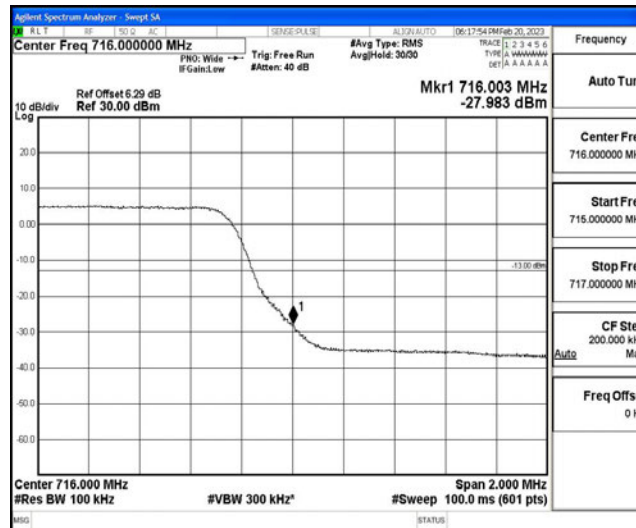


Test Graphs

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

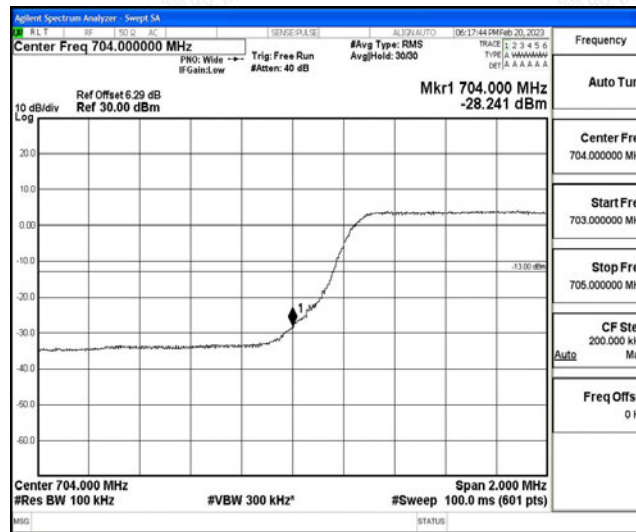


Band17-5MHz-QPSK-23825-25RB#0

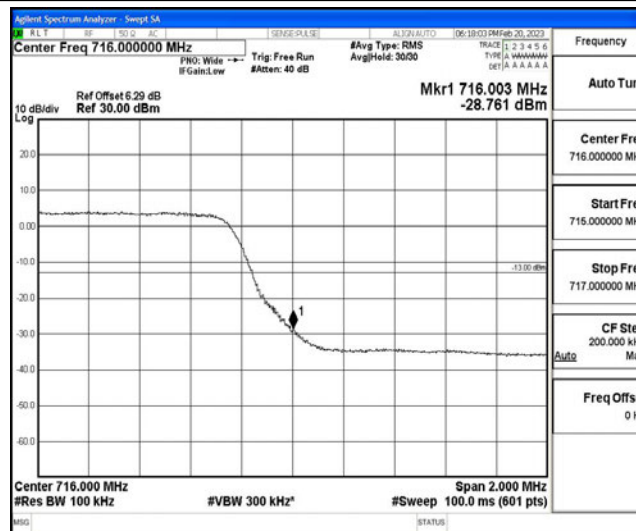


Band17-5MHz-16QAM-23755-25RB#0

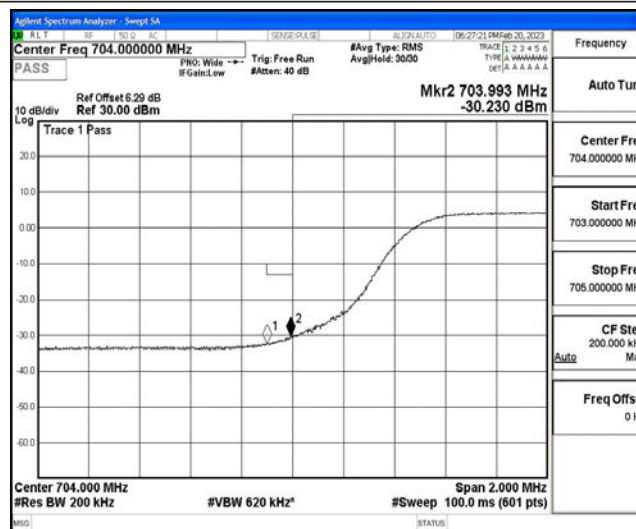




Band17-5MHz-16QAM-23825-25RB#0

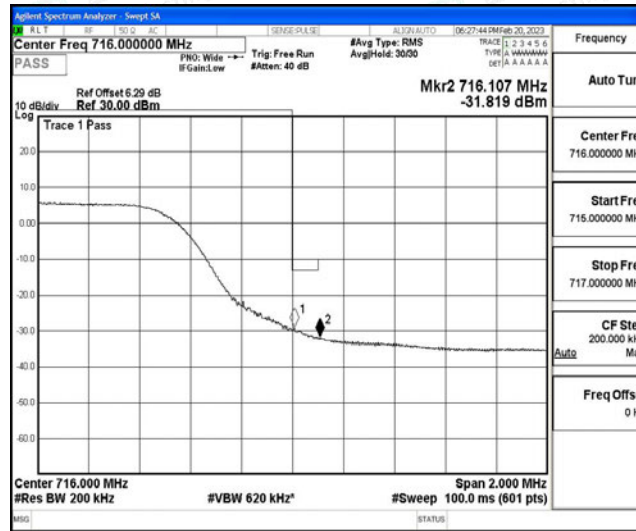


Band17-10MHz-QPSK-23780-50RB#0

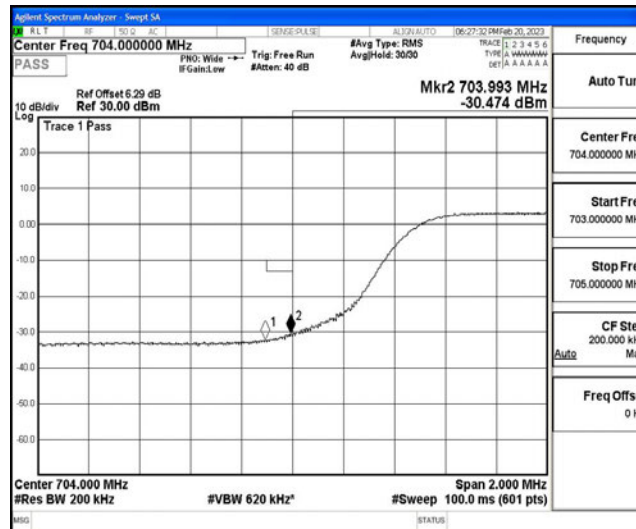




Band17-10MHz-QPSK-23800-50RB#0

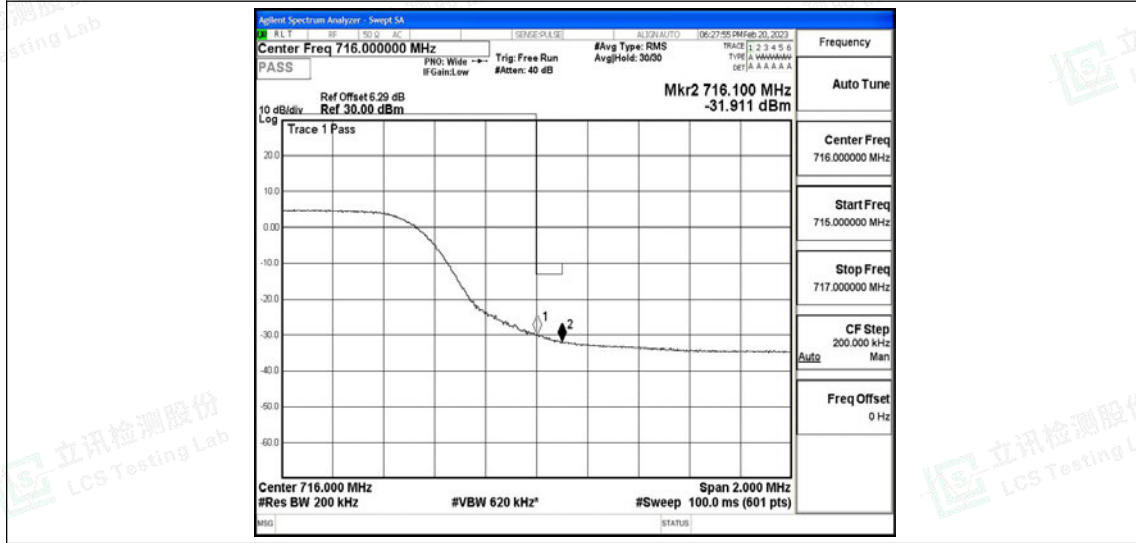


Band17-10MHz-16QAM-23780-50RB#0



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







H.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	-56.07	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:0.15~30MHz	-51.34	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range3:30~1000MHz	-39.79	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range4:1000~10000MHz	-38.08	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:0.009~0.15MHz	-56.72	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:0.15~30MHz	-50.26	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range3:30~1000MHz	-41.26	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range4:1000~10000MHz	-38.43	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:0.009~0.15MHz	-55.22	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:0.15~30MHz	-49.54	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range3:30~1000MHz	-40.7	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range4:1000~10000MHz	-40.16	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range1:0.009~0.15MHz	-54.96	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:0.15~30MHz	-51.95	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range3:30~1000MHz	-40.34	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range4:1000~10000MHz	-39.3	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:0.009~0.15MHz	-56.48	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:0.15~30MHz	-50.76	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range3:30~1000MHz	-39.81	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range4:1000~10000MHz	-39.47	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:0.009~0.15MHz	-55.93	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:0.15~30MHz	-49.97	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range3:30~1000MHz	-40.91	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range4:1000~10000MHz	-41.14	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:0.009~0.15MHz	-54.12	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:0.15~30MHz	-49.15	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range3:30~1000MHz	-40.56	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range4:1000~10000MHz	-38	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:0.009~0.15MHz	-56.42	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:0.15~30MHz	-51.08	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range3:30~1000MHz	-41.04	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range4:1000~10000MHz	-38.02	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range1:0.009~0.15MHz	-54.13	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range2:0.15~30MHz	-48.73	PASS





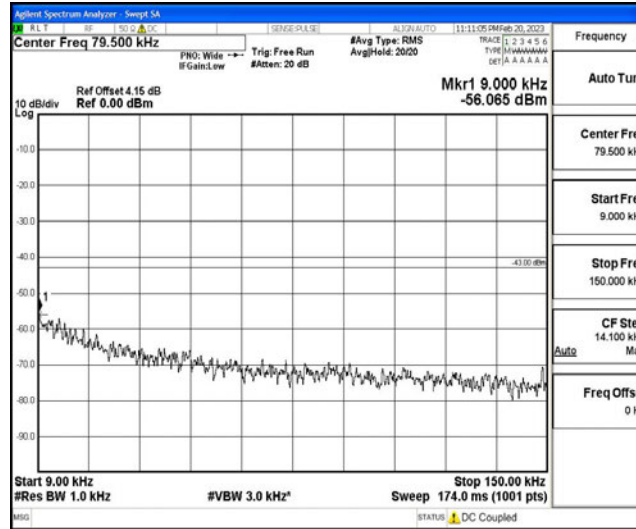
Band17	10MHz	QPSK	23800	1RB#0	Range3:30~1000MHz	-41.33	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range4:1000~10000MHz	-38.21	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:0.009~0.15MHz	-55.96	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:0.15~30MHz	-51.13	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range3:30~1000MHz	-40.76	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range4:1000~10000MHz	-38.88	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:0.009~0.15MHz	-55.02	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:0.15~30MHz	-50.15	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range3:30~1000MHz	-40.79	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range4:1000~10000MHz	-38.76	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:0.009~0.15MHz	-55.5	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:0.15~30MHz	-52.54	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range3:30~1000MHz	-40.69	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range4:1000~10000MHz	-38.7	PASS



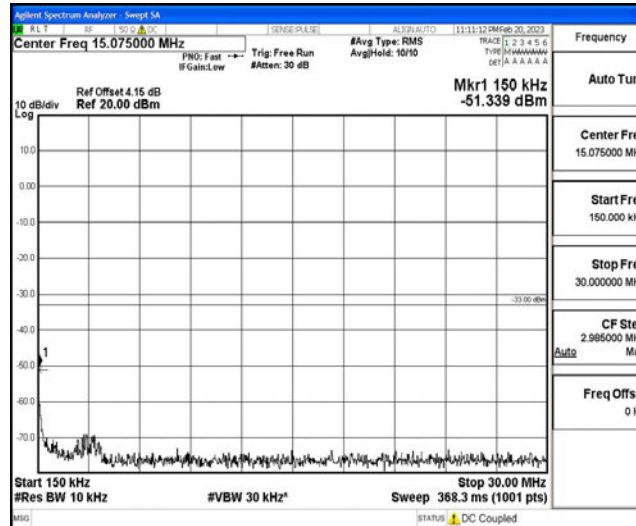


Test Graphs

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

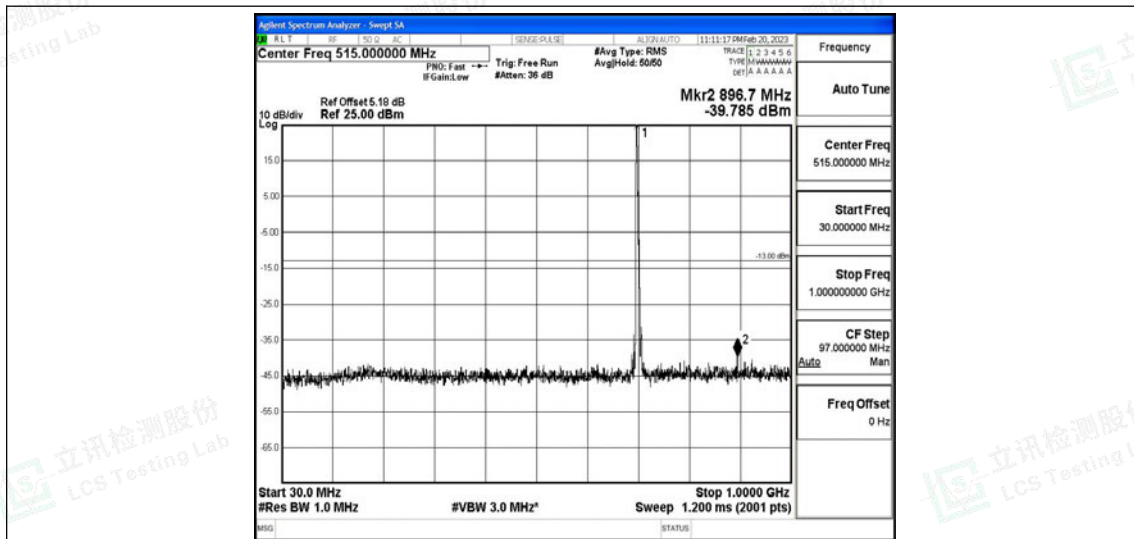


Band17-5MHz-QPSK-23755-1RB#0-Range2:0.15~30MHz

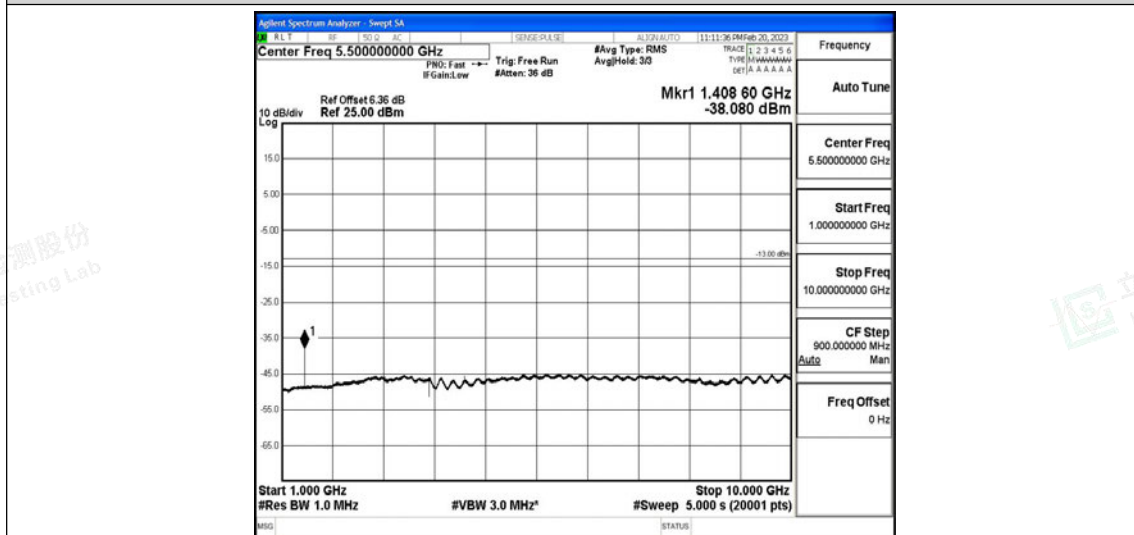


Band17-5MHz-QPSK-23755-1RB#0-Range3:30~1000MHz

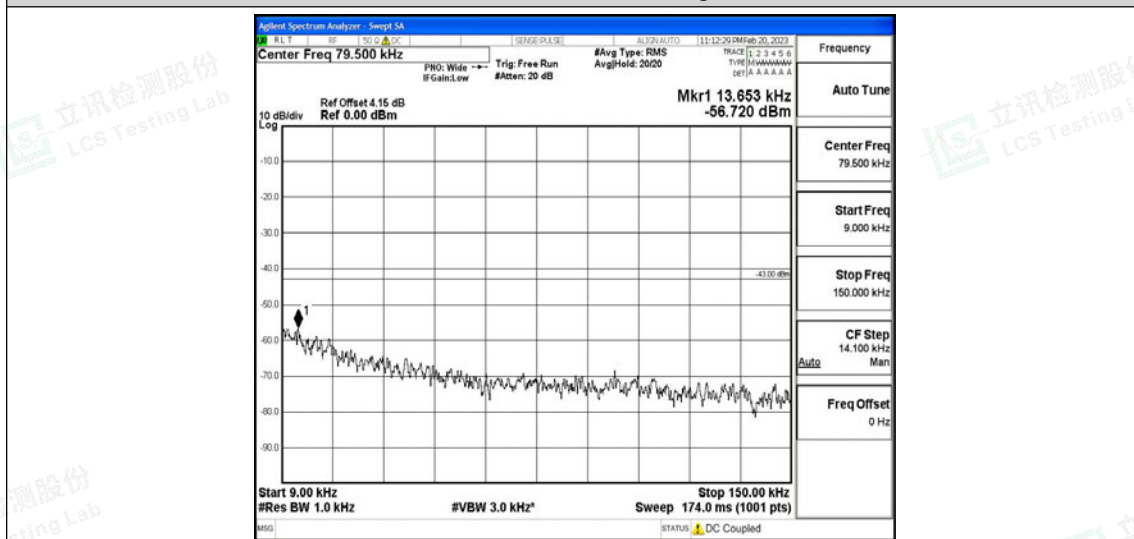




Band17-5MHz-QPSK-23755-1RB#0-Range4:1000~10000MHz

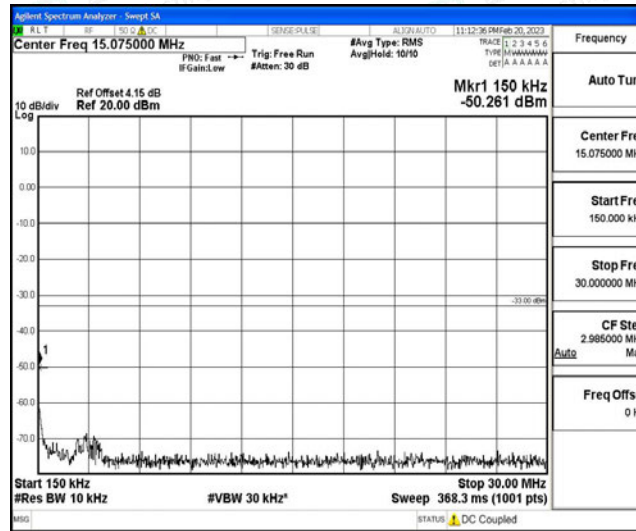


Band17-5MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz

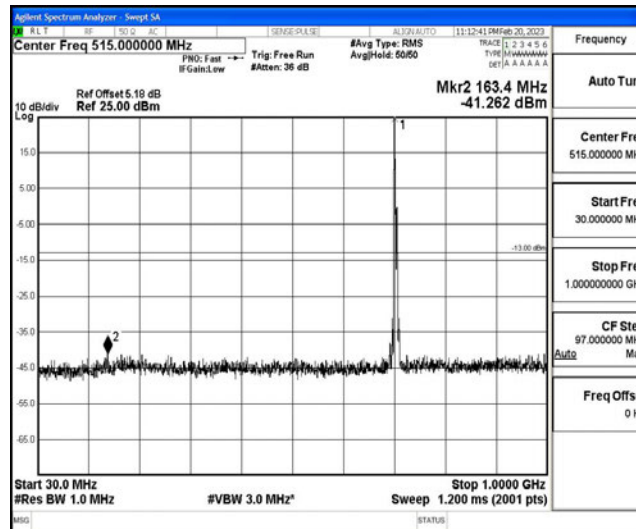




Band17-5MHz-QPSK-23790-1RB#0-Range2:0.15~30MHz

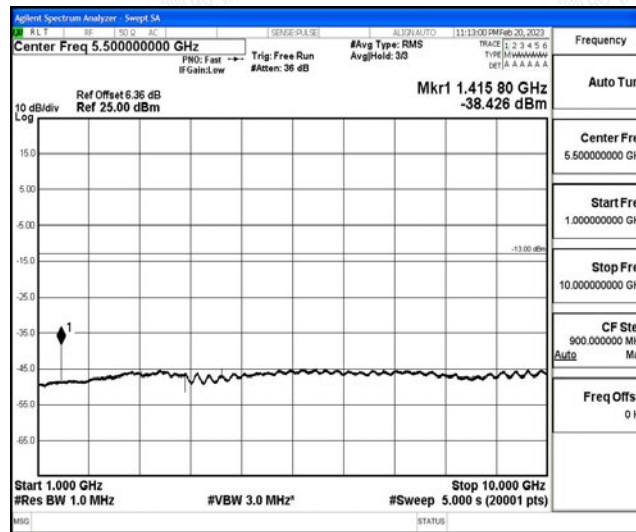


Band17-5MHz-QPSK-23790-1RB#0-Range3:30~1000MHz

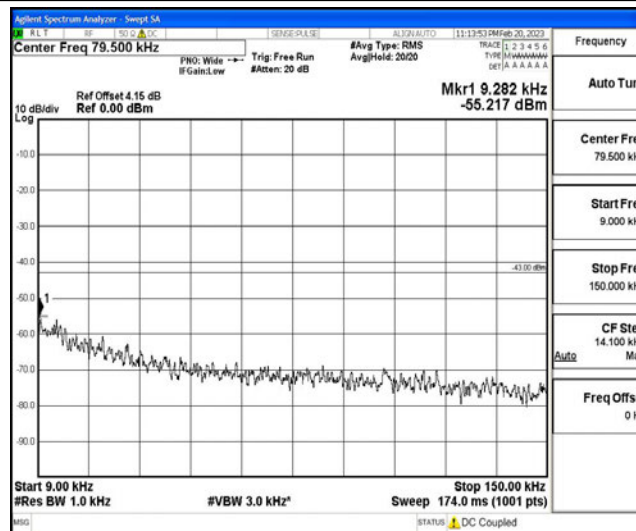


Band17-5MHz-QPSK-23790-1RB#0-Range4:1000~10000MHz

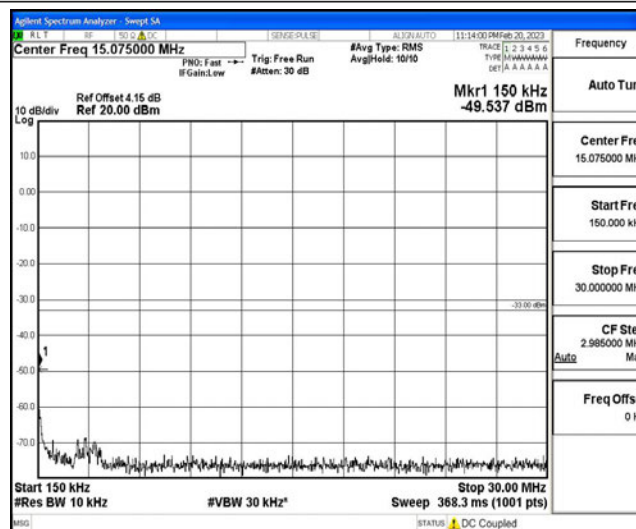




Band17-5MHz-QPSK-23825-1RB#0-Range1:0.009~0.15MHz

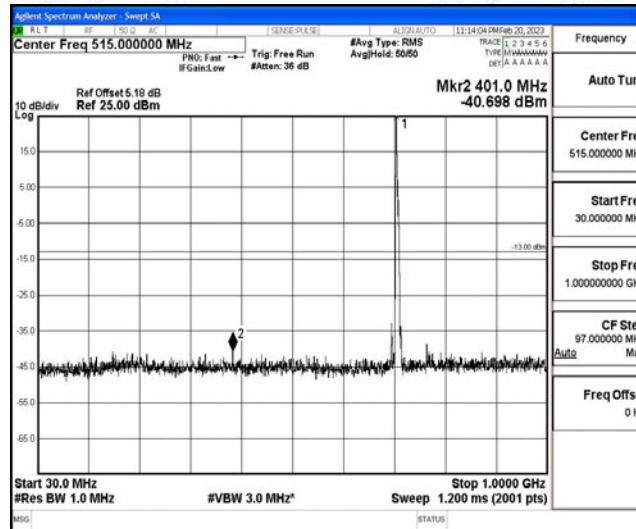


Band17-5MHz-QPSK-23825-1RB#0-Range2:0.15~30MHz

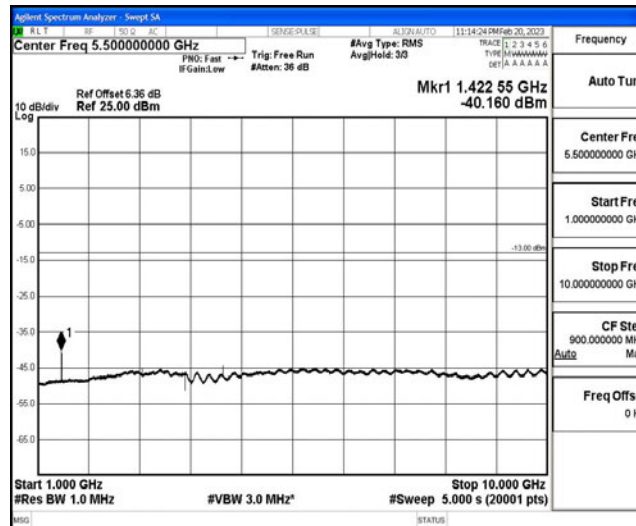




Band17-5MHz-QPSK-23825-1RB#0-Range3:30~1000MHz

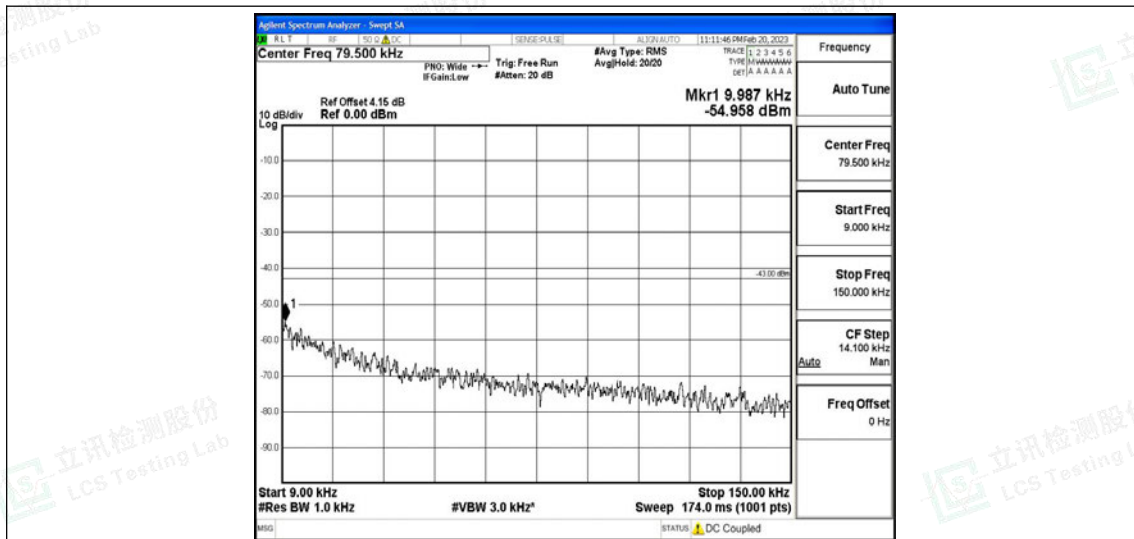


Band17-5MHz-QPSK-23825-1RB#0-Range4:1000~10000MHz

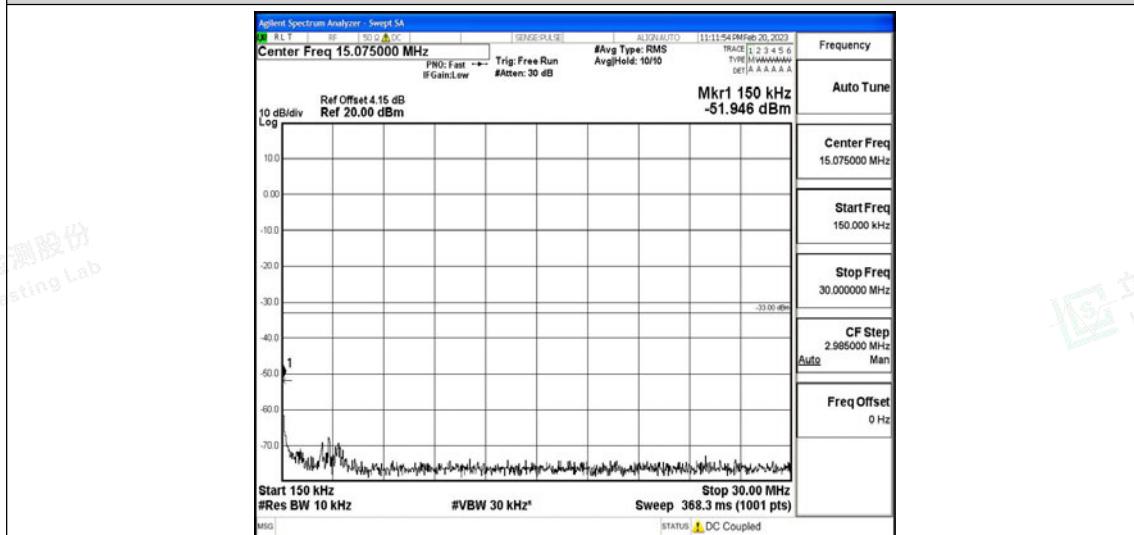


Band17-5MHz-16QAM-23755-1RB#0-Range1:0.009~0.15MHz

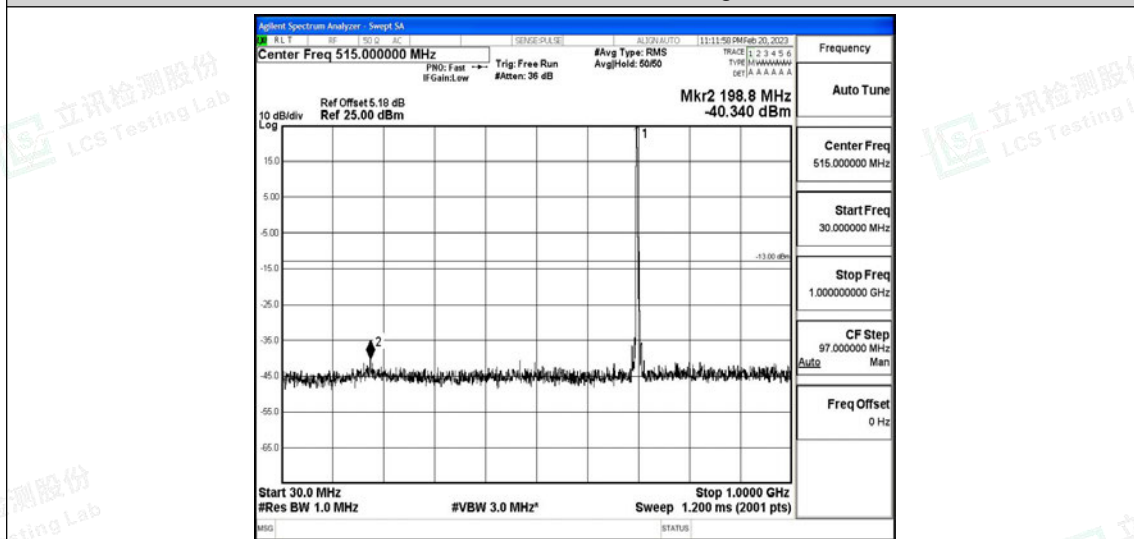




Band17-5MHz-16QAM-23755-1RB#0-Range2:0.15~30MHz

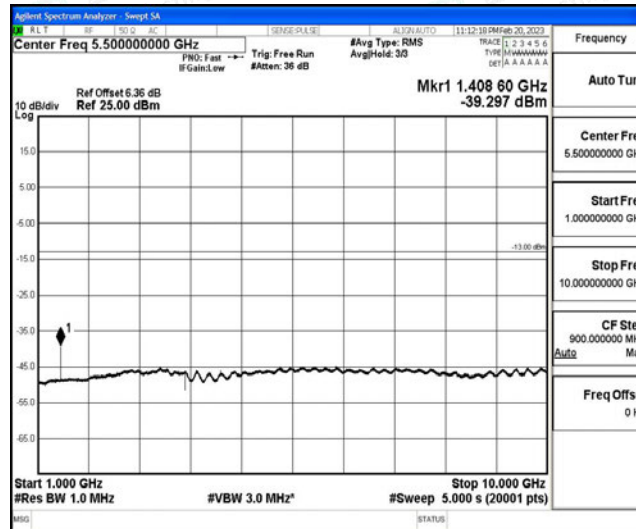


Band17-5MHz-16QAM-23755-1RB#0-Range3:30~1000MHz

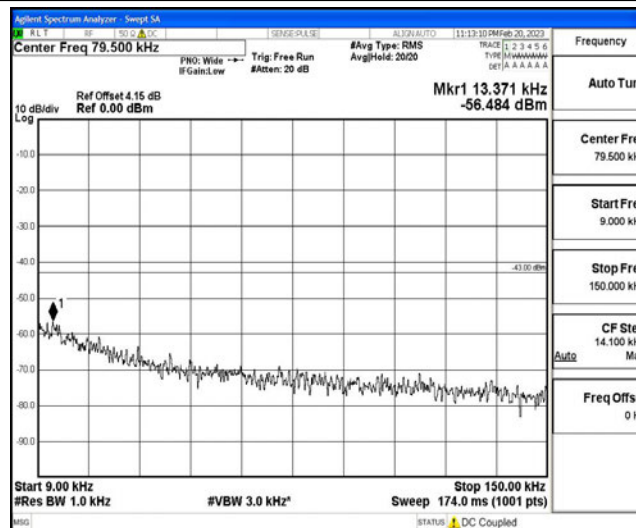




Band17-5MHz-16QAM-23755-1RB#0-Range4:1000~10000MHz

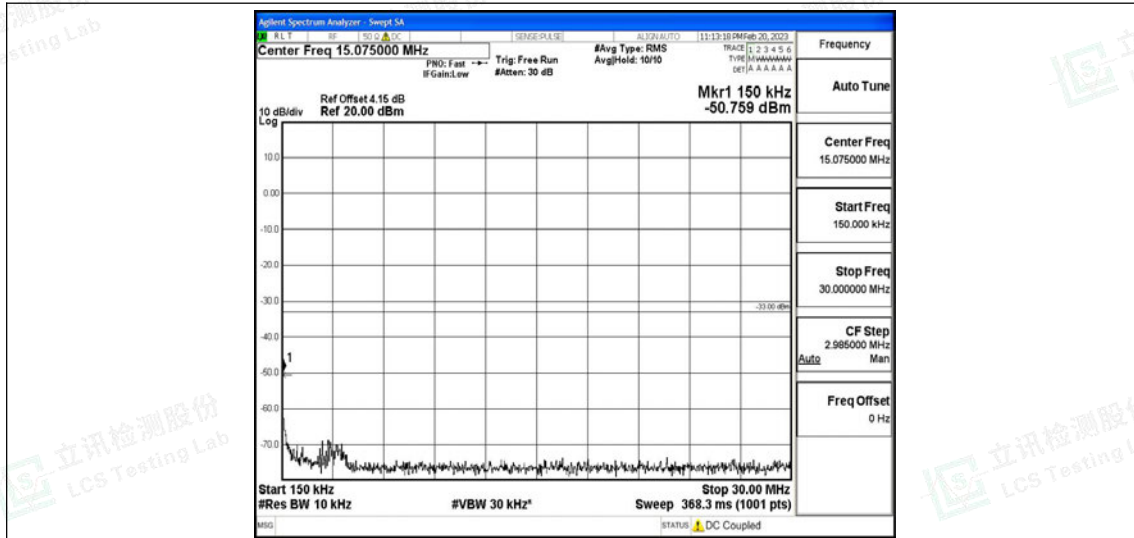


Band17-5MHz-16QAM-23790-1RB#0-Range1:0.009~0.15MHz

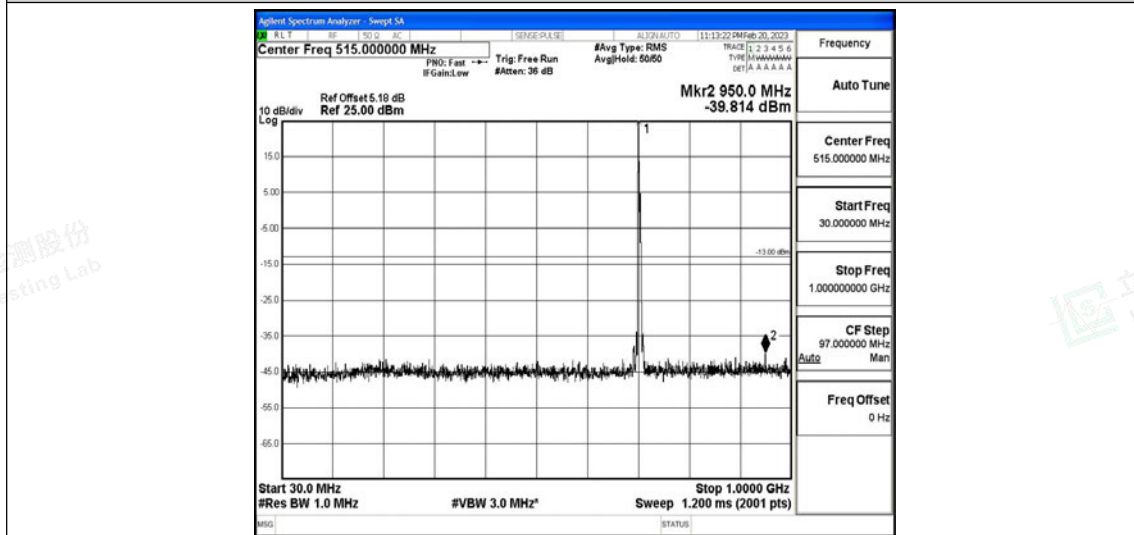


Band17-5MHz-16QAM-23790-1RB#0-Range2:0.15~30MHz

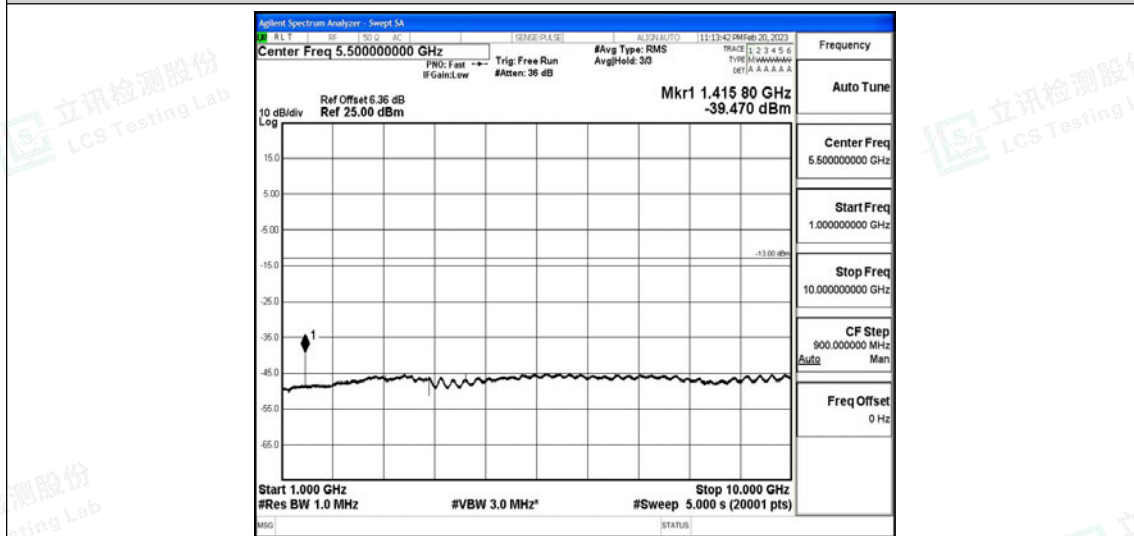




Band17-5MHz-16QAM-23790-1RB#0-Range3:30~1000MHz

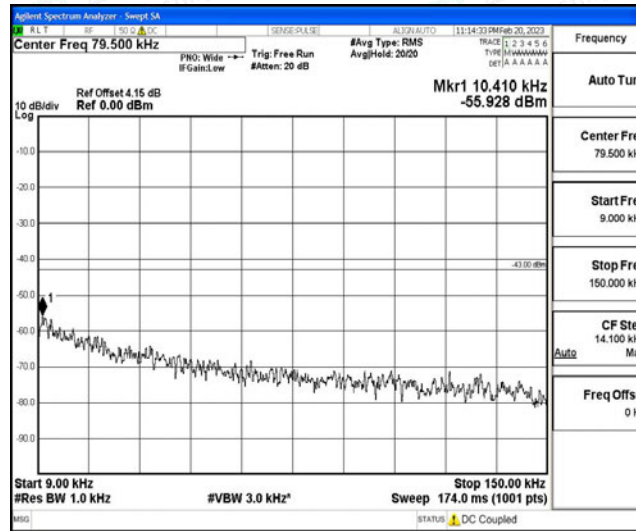


Band17-5MHz-16QAM-23790-1RB#0-Range4:1000~10000MHz

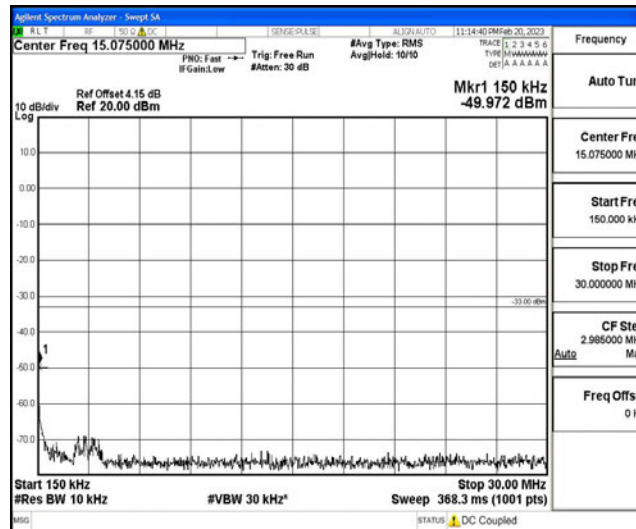




Band17-5MHz-16QAM-23825-1RB#0-Range1:0.009~0.15MHz

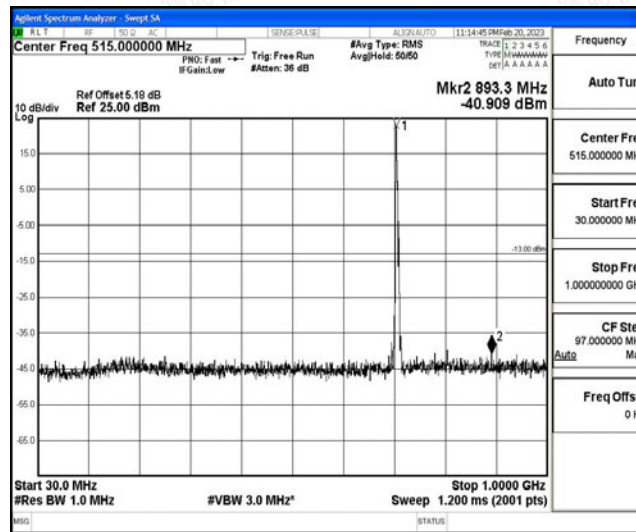


Band17-5MHz-16QAM-23825-1RB#0-Range2:0.15~30MHz

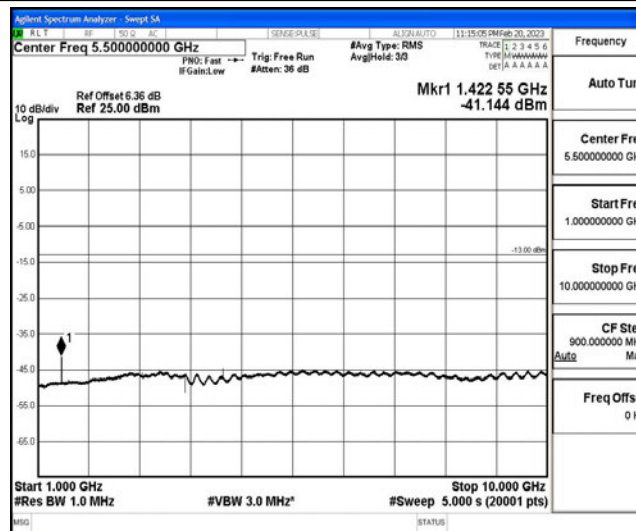


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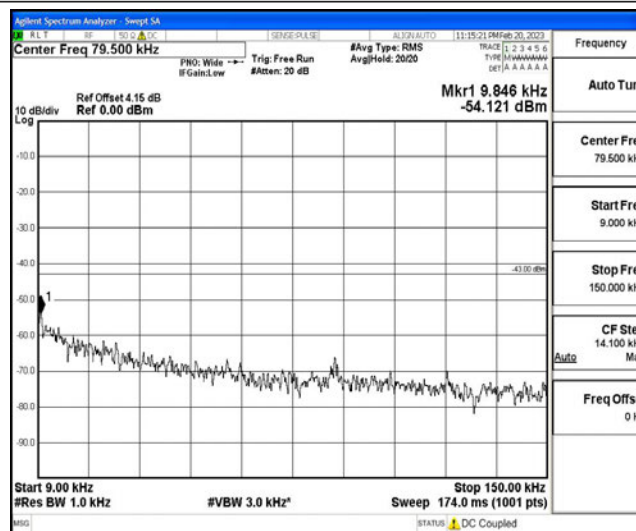




Band17-5MHz-16QAM-23825-1RB#0-Range4:1000~10000MHz

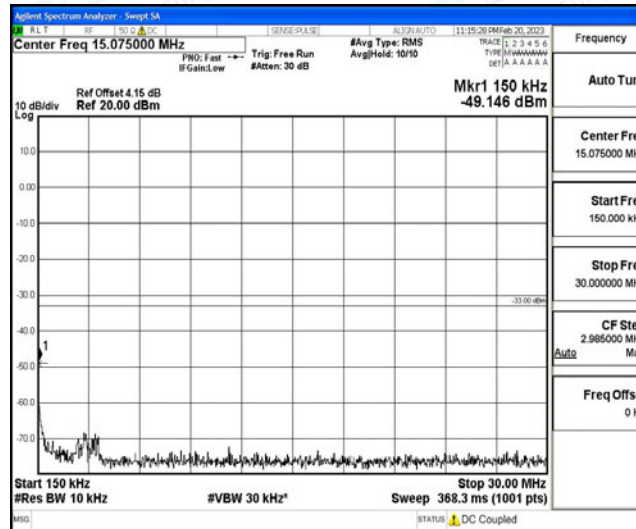


Band17-10MHz-QPSK-23780-1RB#0-Range1:0.009~0.15MHz

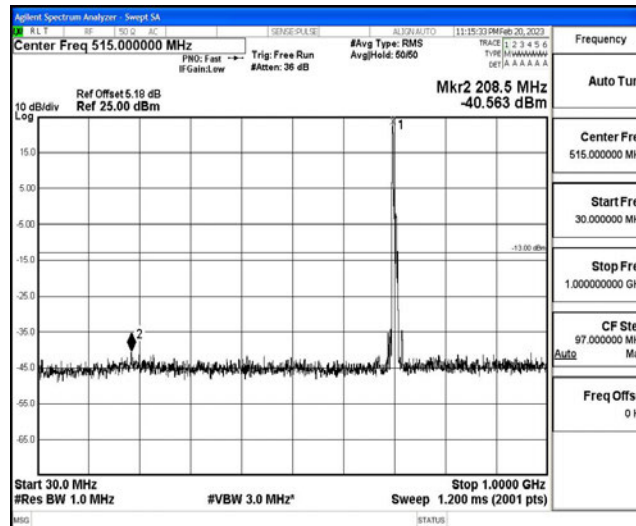




Band17-10MHz-QPSK-23780-1RB#0-Range2:0.15~30MHz

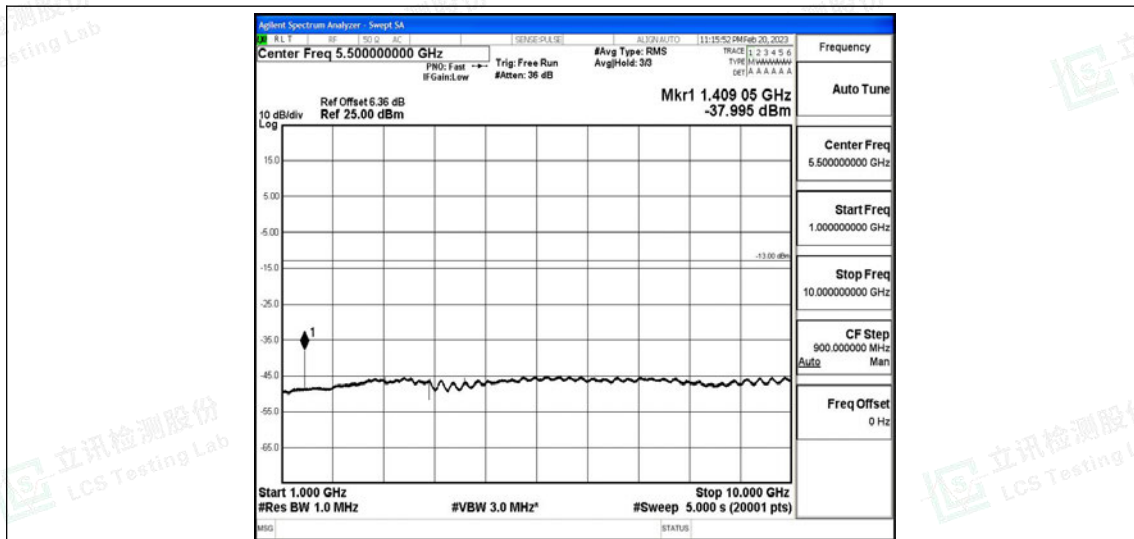


Band17-10MHz-QPSK-23780-1RB#0-Range3:30~1000MHz

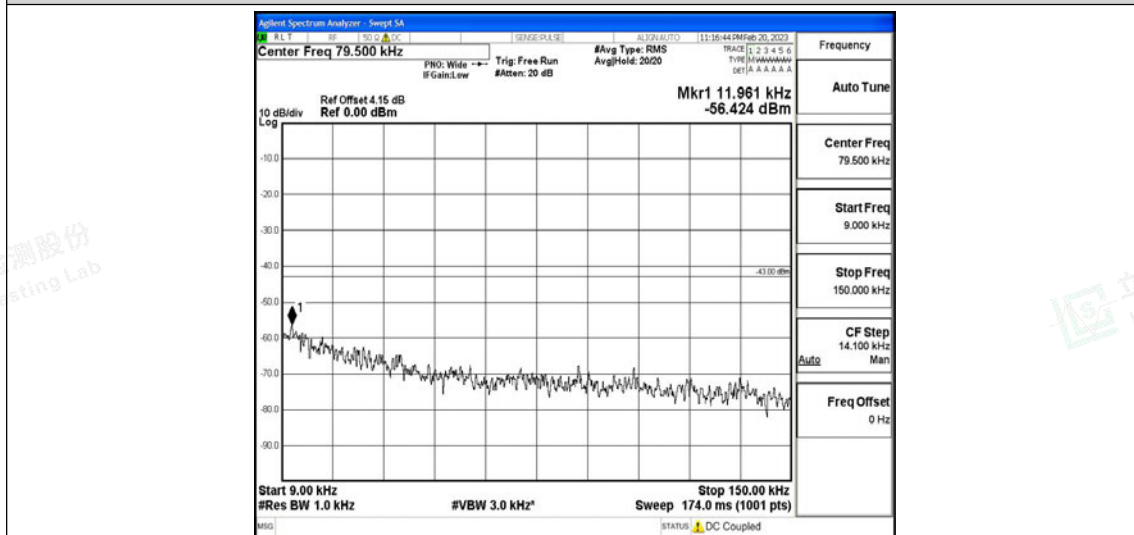


Band17-10MHz-QPSK-23780-1RB#0-Range4:1000~10000MHz

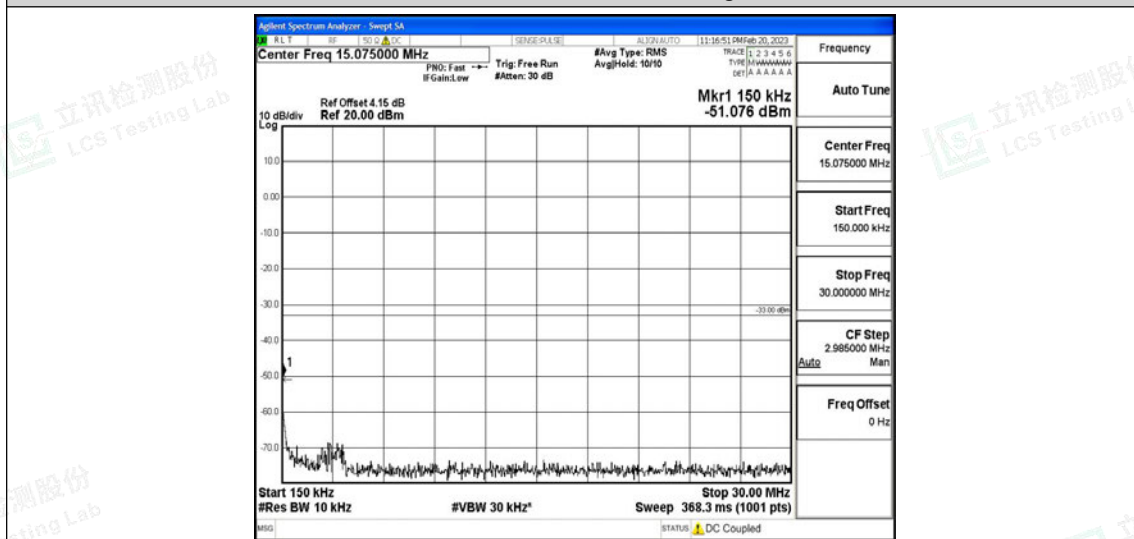




Band17-10MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz

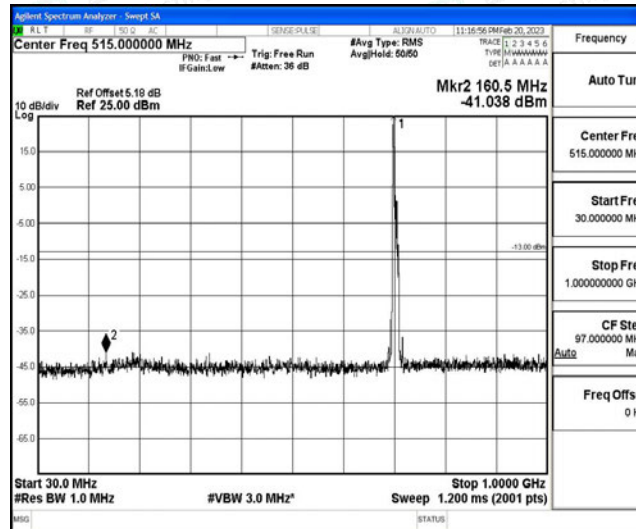


Band17-10MHz-QPSK-23790-1RB#0-Range2:0.15~30MHz

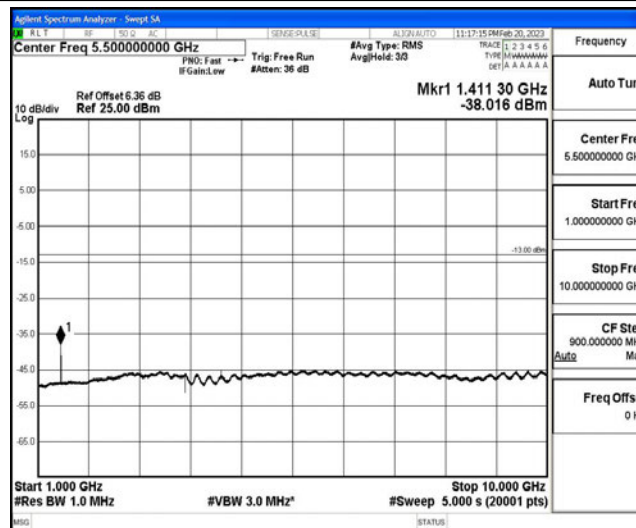




Band17-10MHz-QPSK-23790-1RB#0-Range3:30~1000MHz

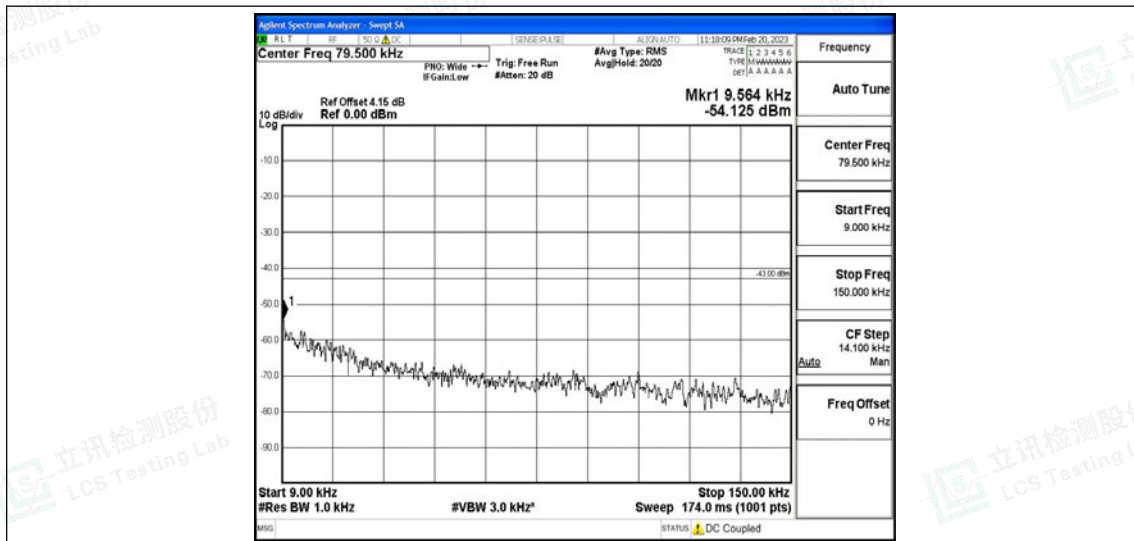


Band17-10MHz-QPSK-23790-1RB#0-Range4:1000~10000MHz

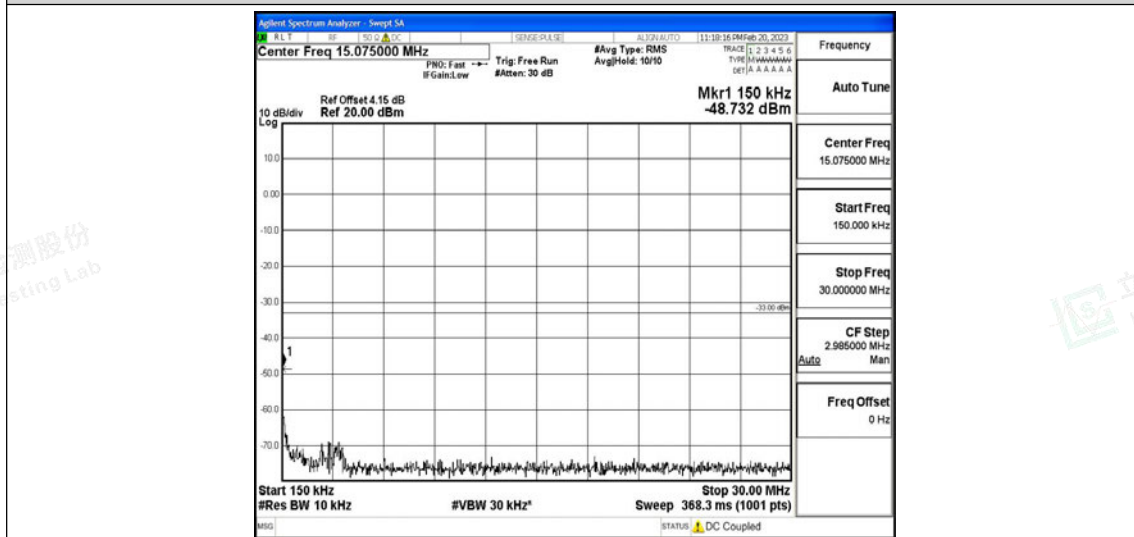


Band17-10MHz-QPSK-23800-1RB#0-Range1:0.009~0.15MHz

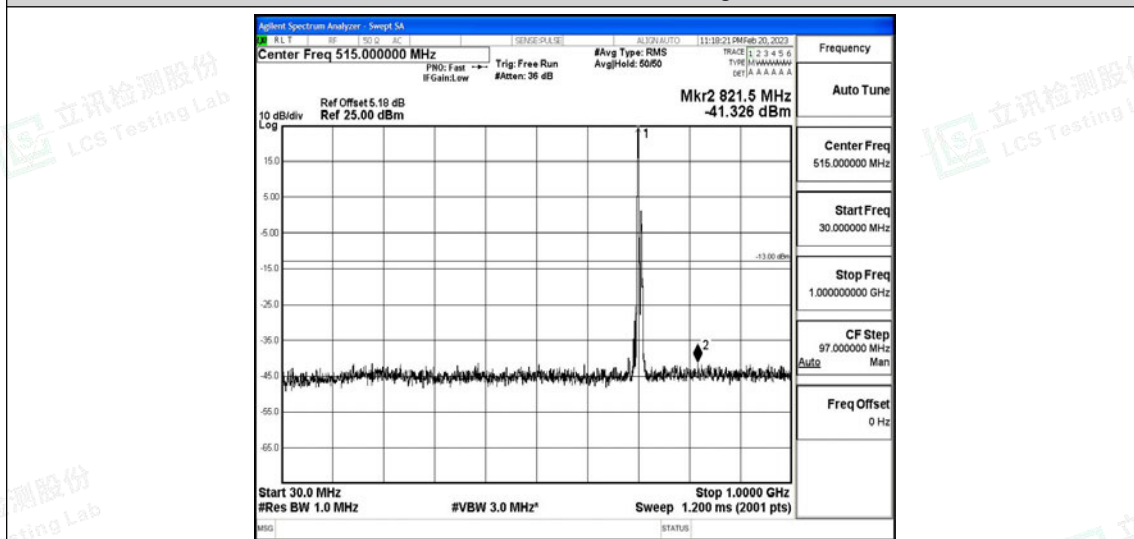




Band17-10MHz-QPSK-23800-1RB#0-Range2:0.15~30MHz

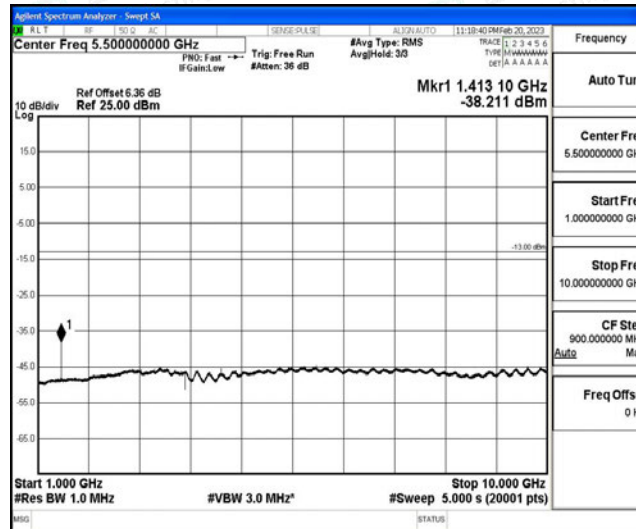


Band17-10MHz-QPSK-23800-1RB#0-Range3:30~1000MHz

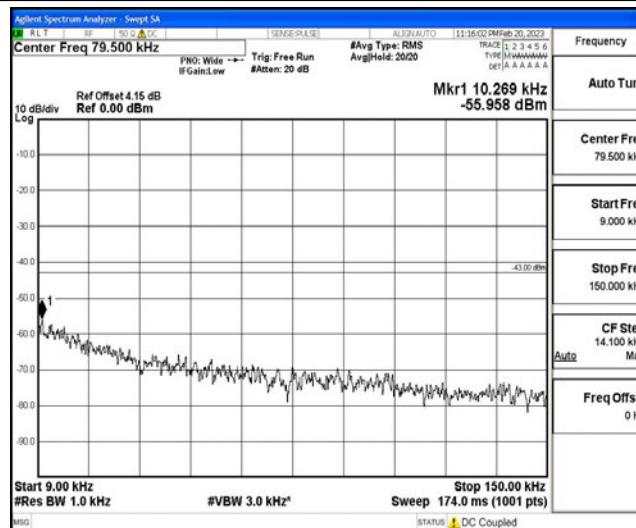




Band17-10MHz-QPSK-23800-1RB#0-Range4:1000~10000MHz

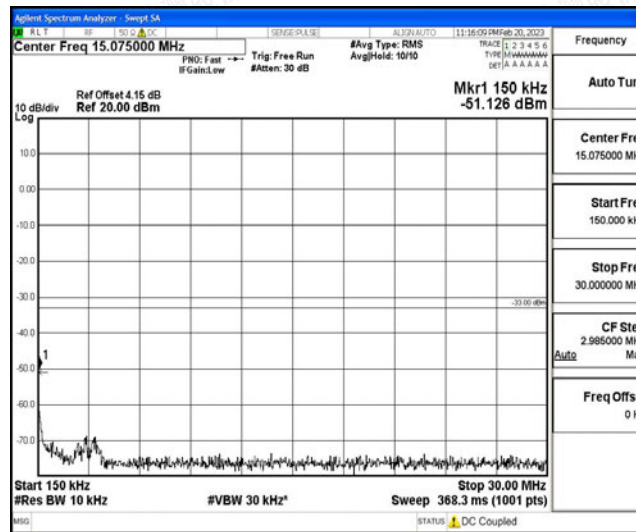


Band17-10MHz-16QAM-23780-1RB#0-Range1:0.009~0.15MHz

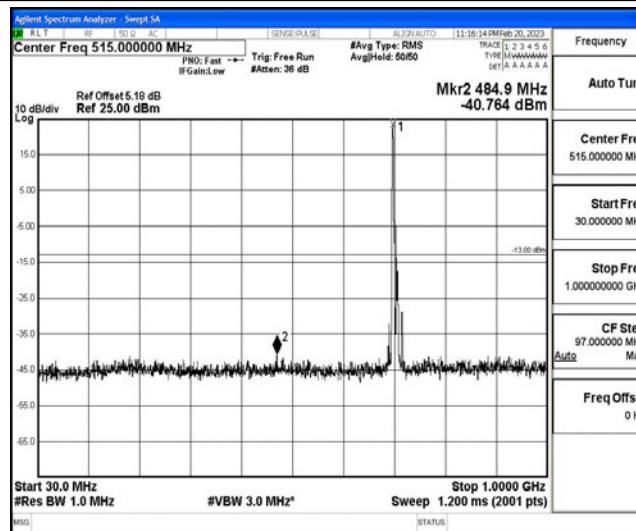


Band17-10MHz-16QAM-23780-1RB#0-Range2:0.15~30MHz

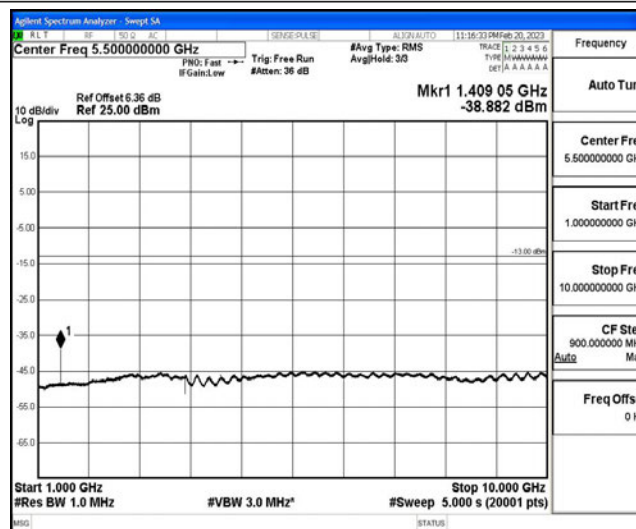




Band17-10MHz-16QAM-23780-1RB#0-Range3:30~1000MHz

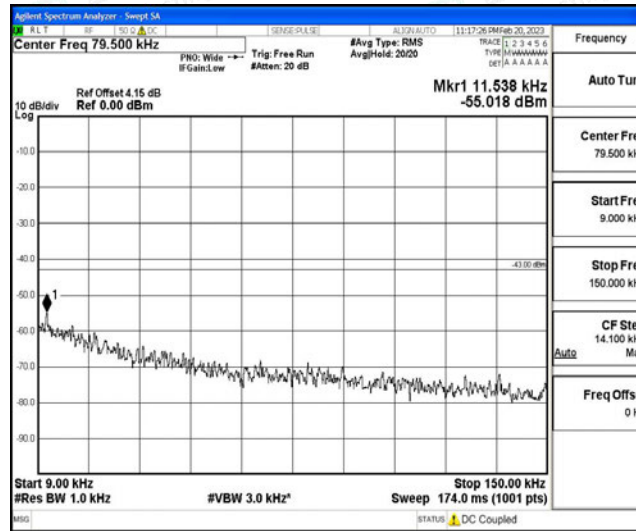


Band17-10MHz-16QAM-23780-1RB#0-Range4:1000~10000MHz

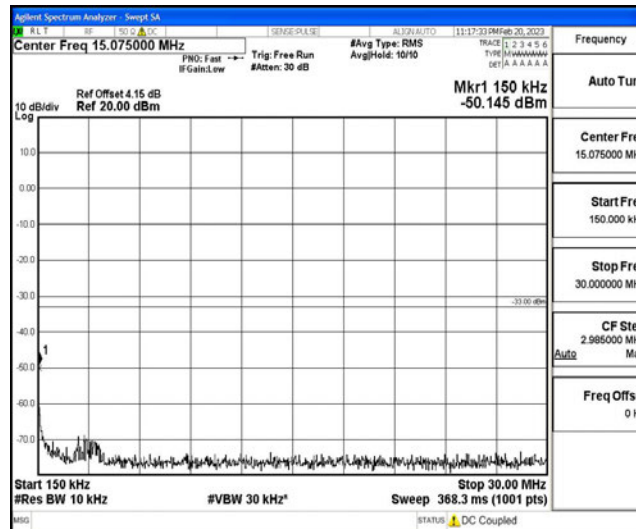




Band17-10MHz-16QAM-23790-1RB#0-Range1:0.009~0.15MHz

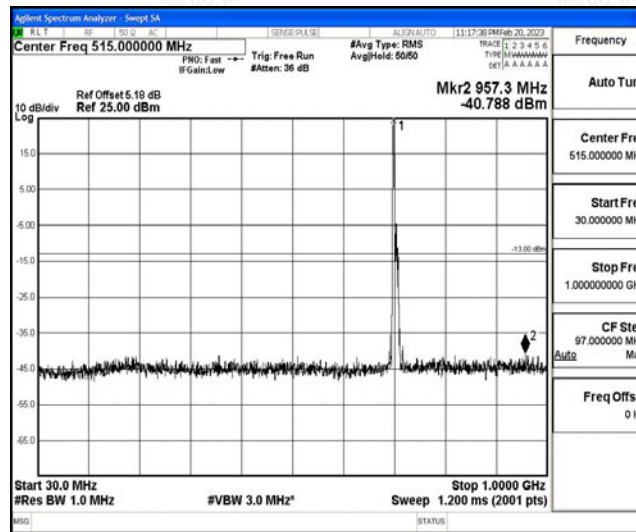


Band17-10MHz-16QAM-23790-1RB#0-Range2:0.15~30MHz

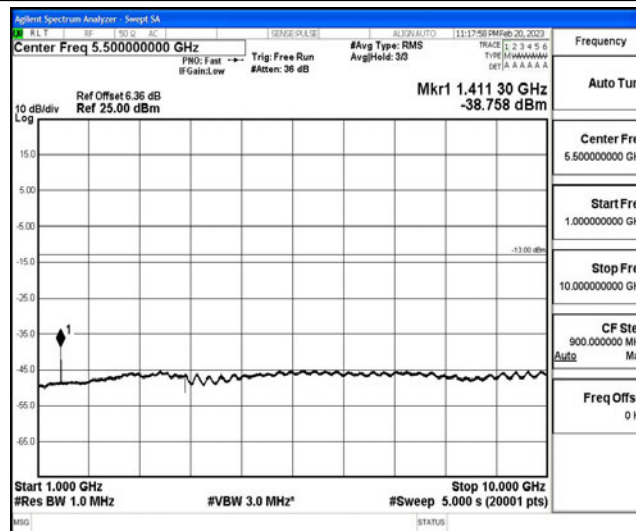


Band17-10MHz-16QAM-23790-1RB#0-Range3:30~1000MHz

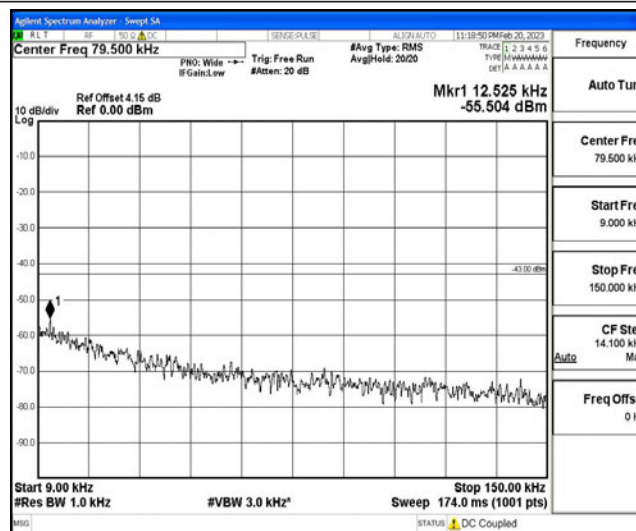




Band17-10MHz-16QAM-23790-1RB#0-Range4:1000~10000MHz

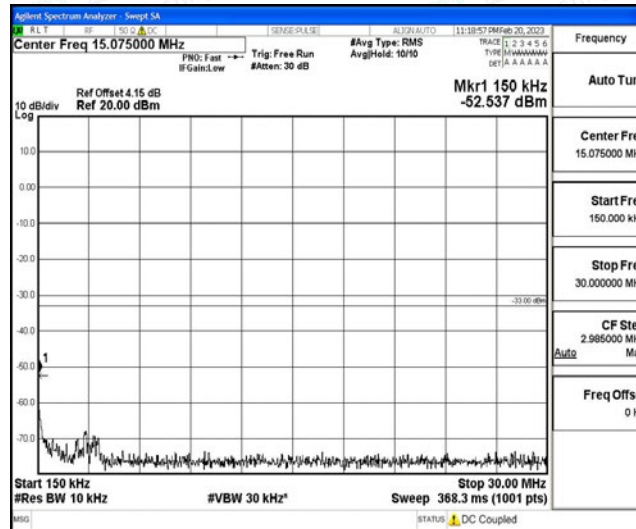


Band17-10MHz-16QAM-23800-1RB#0-Range1:0.009~0.15MHz

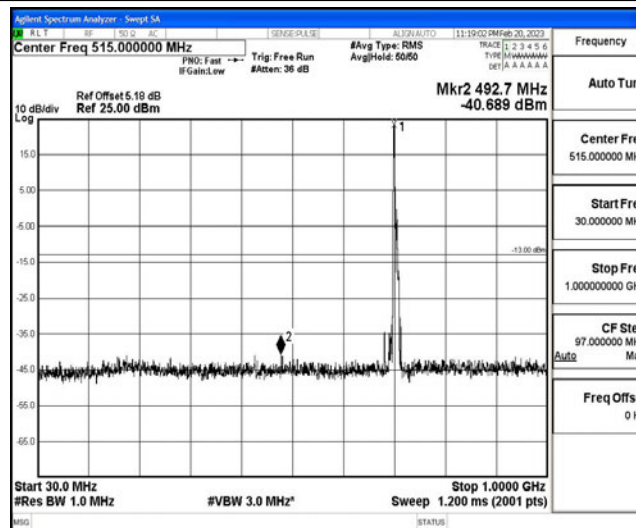




Band17-10MHz-16QAM-23800-1RB#0-Range2:0.15~30MHz



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



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



