



Appendix N Test Data for E-UTRA Band 38

Product Name: Handheld Controller

Test Model: iHand55

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Taylor Hu
	<i>Nick Peng</i>
Supervised by:	Ling Zhu
	<i>Ling. Zhu</i>





N.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.60	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.13	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.56	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.41	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.54	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.15	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.41	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.68	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.35	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.69	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.33	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.65	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.38	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.74	PASS
Band38	5MHz	QPSK	38000	1RB#0	21.61	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.68	PASS
Band38	5MHz	QPSK	38000	1RB#12	21.57	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.53	PASS
Band38	5MHz	QPSK	38000	1RB#24	21.60	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.52	PASS
Band38	5MHz	QPSK	38000	12RB#0	20.90	PASS
Band38	5MHz	16QAM	38000	12RB#0	20.22	PASS
Band38	5MHz	QPSK	38000	12RB#6	20.92	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.23	PASS
Band38	5MHz	QPSK	38000	12RB#13	20.84	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.15	PASS
Band38	5MHz	QPSK	38000	25RB#0	20.90	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.20	PASS
Band38	5MHz	QPSK	38225	1RB#0	21.74	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.03	PASS
Band38	5MHz	QPSK	38225	1RB#12	21.64	PASS
Band38	5MHz	16QAM	38225	1RB#12	20.98	PASS
Band38	5MHz	QPSK	38225	1RB#24	21.80	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.01	PASS
Band38	5MHz	QPSK	38225	12RB#0	20.71	PASS





Band38	5MHz	16QAM	38225	12RB#0	20.04	PASS
Band38	5MHz	QPSK	38225	12RB#6	20.72	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.04	PASS
Band38	5MHz	QPSK	38225	12RB#13	20.72	PASS
Band38	5MHz	16QAM	38225	12RB#13	19.87	PASS
Band38	5MHz	QPSK	38225	25RB#0	20.75	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.10	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.33	PASS
Band38	10MHz	16QAM	37800	1RB#0	21.81	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.27	PASS
Band38	10MHz	16QAM	37800	1RB#24	21.84	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.30	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.77	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.17	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.49	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.15	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.55	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.06	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.52	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.10	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.48	PASS
Band38	10MHz	QPSK	38000	1RB#0	21.89	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.44	PASS
Band38	10MHz	QPSK	38000	1RB#24	21.81	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.36	PASS
Band38	10MHz	QPSK	38000	1RB#49	21.76	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.16	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.13	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.65	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.14	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.66	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.09	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.59	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.03	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.31	PASS
Band38	10MHz	QPSK	38200	1RB#0	21.88	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.33	PASS
Band38	10MHz	QPSK	38200	1RB#24	21.81	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.37	PASS
Band38	10MHz	QPSK	38200	1RB#49	21.88	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.34	PASS





Band38	10MHz	QPSK	38200	25RB#0	20.73	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.07	PASS
Band38	10MHz	QPSK	38200	25RB#12	20.75	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.10	PASS
Band38	10MHz	QPSK	38200	25RB#25	20.71	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.10	PASS
Band38	10MHz	QPSK	38200	50RB#0	20.86	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.11	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.33	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.62	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.28	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.58	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.19	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.41	PASS
Band38	15MHz	QPSK	37825	38RB#0	21.22	PASS
Band38	15MHz	16QAM	37825	38RB#0	21.23	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.22	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.23	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.23	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.23	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.23	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.58	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.24	PASS
Band38	15MHz	16QAM	38000	1RB#0	20.94	PASS
Band38	15MHz	QPSK	38000	1RB#38	21.88	PASS
Band38	15MHz	16QAM	38000	1RB#38	20.42	PASS
Band38	15MHz	QPSK	38000	1RB#74	21.85	PASS
Band38	15MHz	16QAM	38000	1RB#74	20.66	PASS
Band38	15MHz	QPSK	38000	38RB#0	20.95	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.10	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.10	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.10	PASS
Band38	15MHz	QPSK	38000	38RB#37	21.10	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.10	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.10	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.42	PASS
Band38	15MHz	QPSK	38175	1RB#0	21.88	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.48	PASS
Band38	15MHz	QPSK	38175	1RB#38	21.87	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.34	PASS
Band38	15MHz	QPSK	38175	1RB#74	21.89	PASS





Band38	15MHz	16QAM	38175	1RB#74	21.36	PASS
Band38	15MHz	QPSK	38175	38RB#0	20.79	PASS
Band38	15MHz	16QAM	38175	38RB#0	20.78	PASS
Band38	15MHz	QPSK	38175	38RB#18	20.78	PASS
Band38	15MHz	16QAM	38175	38RB#18	20.78	PASS
Band38	15MHz	QPSK	38175	38RB#37	20.78	PASS
Band38	15MHz	16QAM	38175	38RB#37	20.78	PASS
Band38	15MHz	QPSK	38175	75RB#0	20.79	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.14	PASS
Band38	20MHz	QPSK	37850	1RB#0	21.91	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.67	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.56	PASS
Band38	20MHz	QPSK	37850	1RB#99	21.80	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.52	PASS
Band38	20MHz	QPSK	37850	50RB#0	21.30	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.86	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.31	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.86	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.13	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.80	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.22	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.55	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.22	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.64	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.02	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.36	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.27	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.13	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.43	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.15	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.43	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.30	PASS
Band38	20MHz	QPSK	38000	100RB#0	20.97	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.44	PASS
Band38	20MHz	QPSK	38150	1RB#0	21.97	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.75	PASS
Band38	20MHz	QPSK	38150	1RB#49	21.78	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.51	PASS





Band38	20MHz	QPSK	38150	1RB#99	21.96	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.82	PASS
Band38	20MHz	QPSK	38150	50RB#0	20.58	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.08	PASS
Band38	20MHz	QPSK	38150	50RB#25	20.59	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.08	PASS
Band38	20MHz	QPSK	38150	50RB#50	20.63	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.01	PASS
Band38	20MHz	QPSK	38150	100RB#0	20.56	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.04	PASS





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

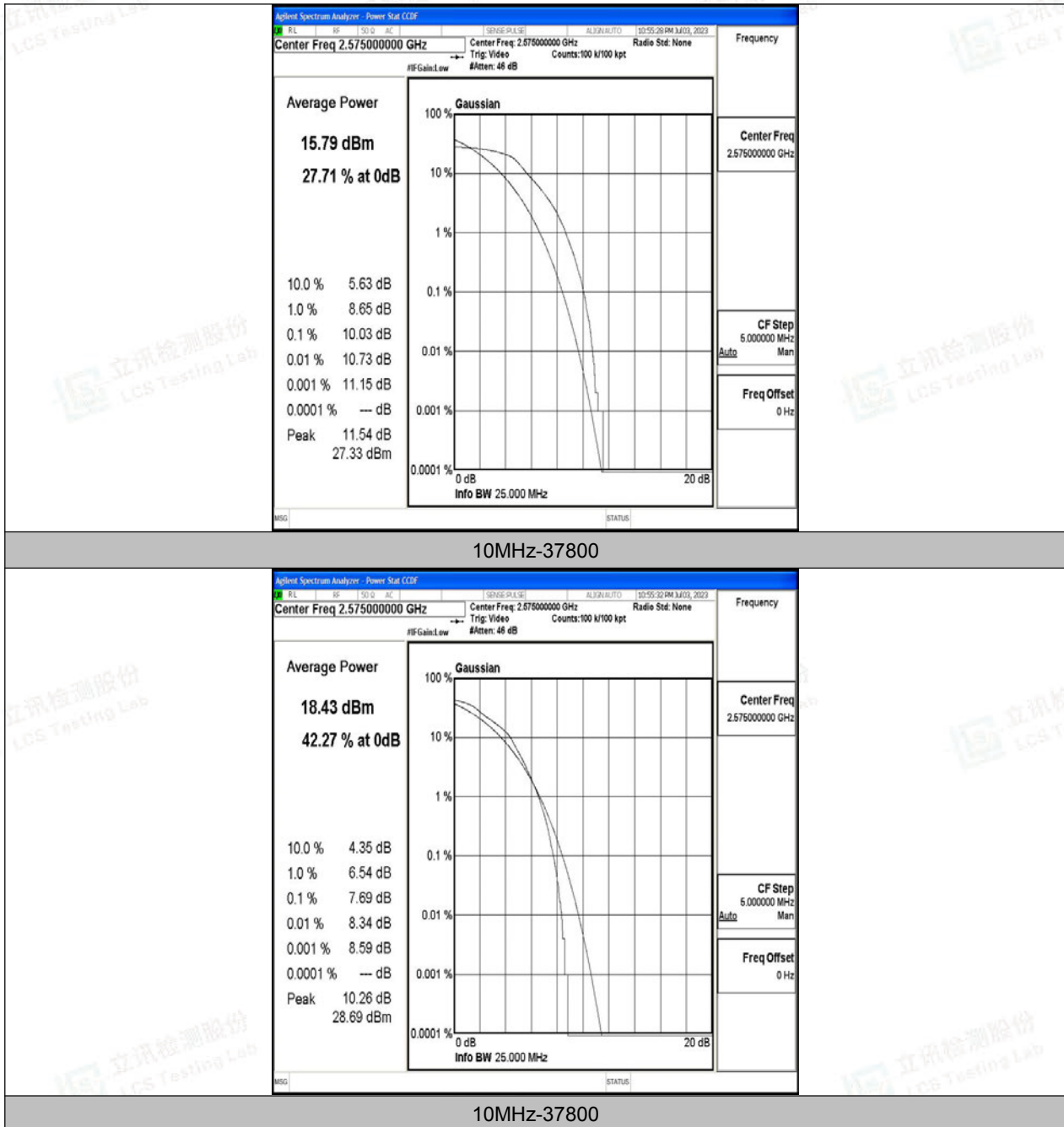
Test Result

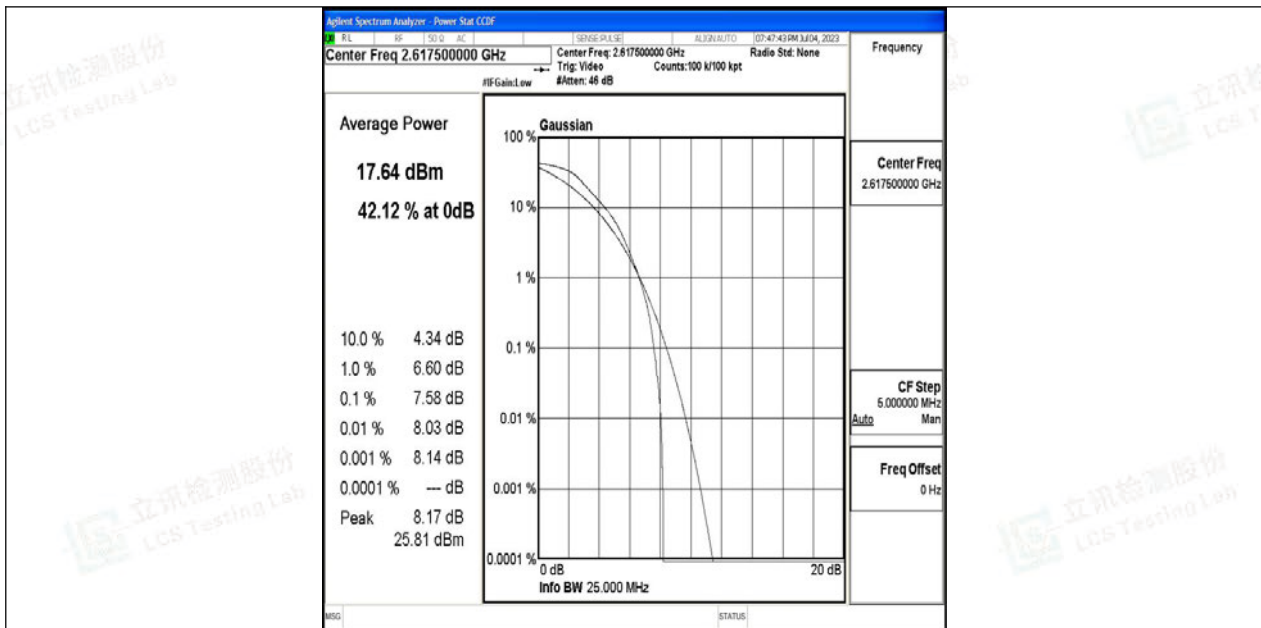
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	10MHz	QPSK	37800	50RB#0	10.03	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	7.69	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	7.58	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.73	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	7.43	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.61	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	7.25	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	10.05	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	8.01	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	10.60	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	11.27	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	12.77	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	10.34	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	8.04	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	8.08	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	10.87	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	9.04	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	9.93	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	8.22	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	11.33	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	9.89	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.19	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	11.59	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	7.63	13	PASS



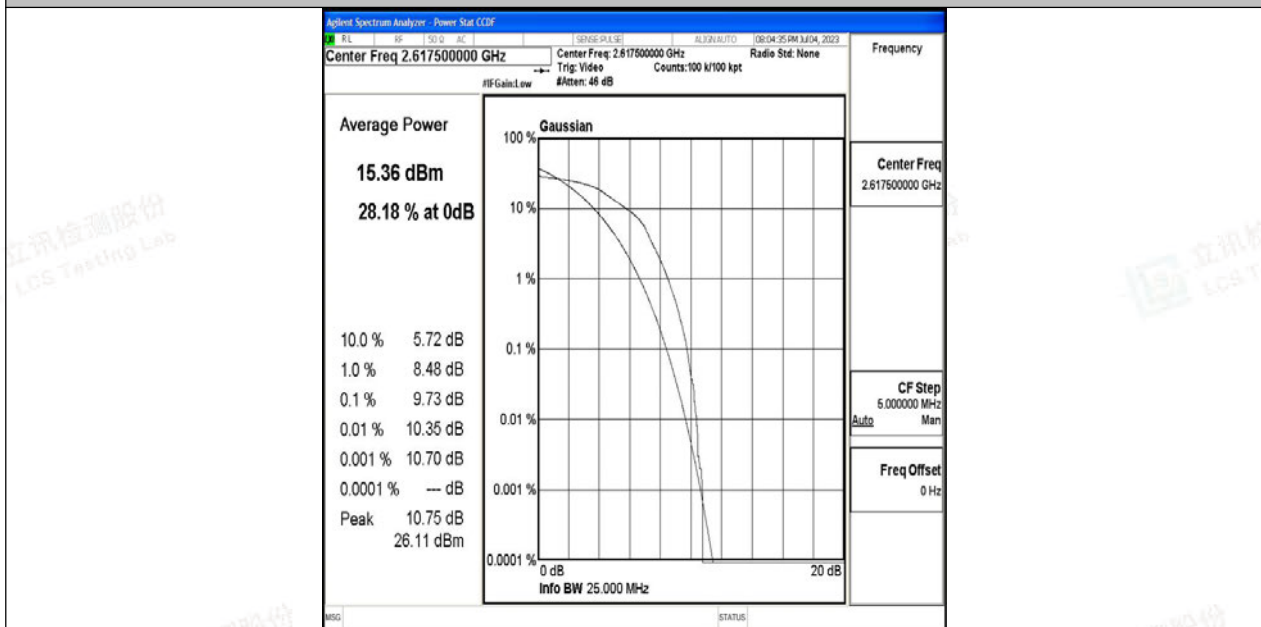


Test Graphs



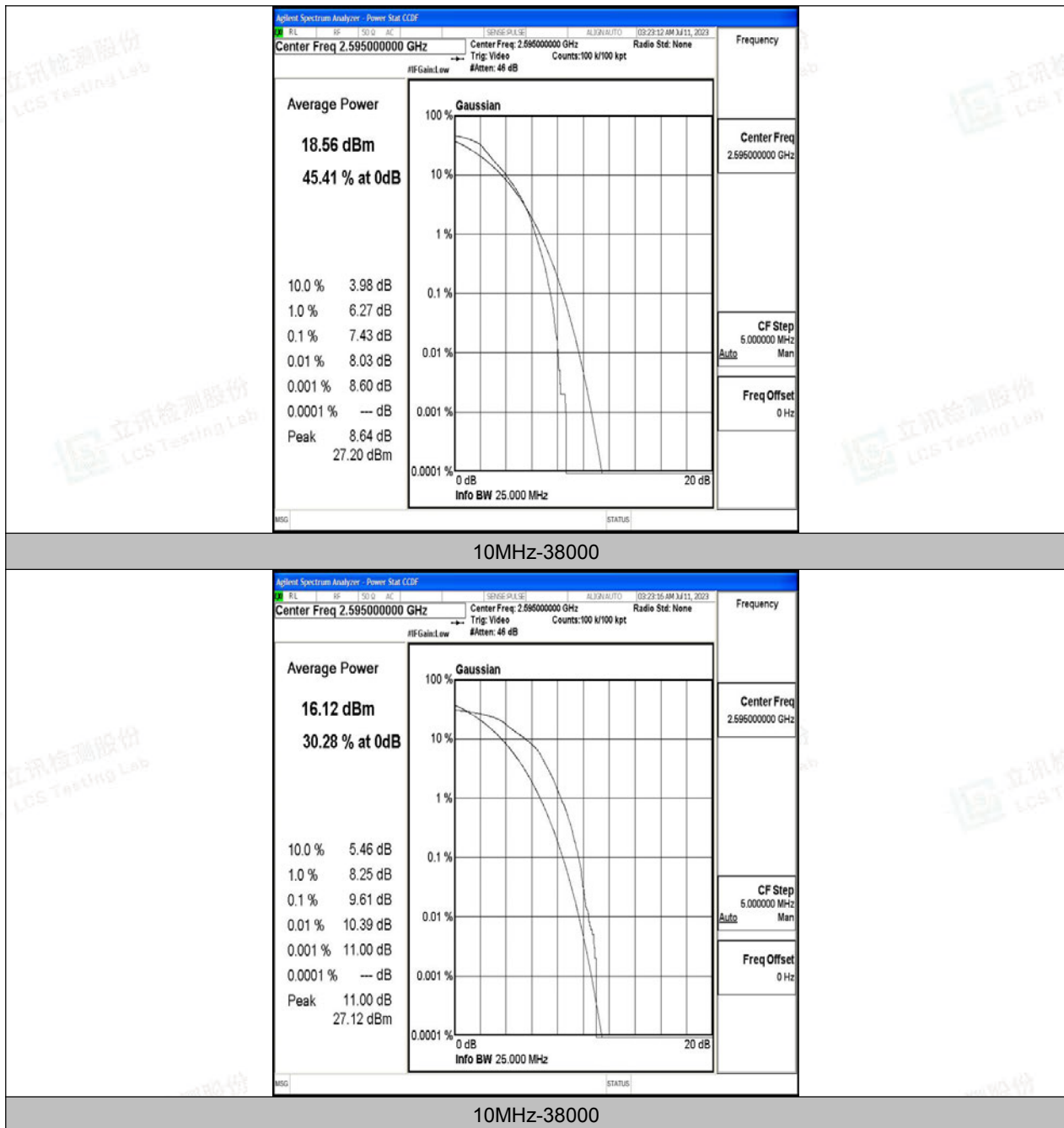


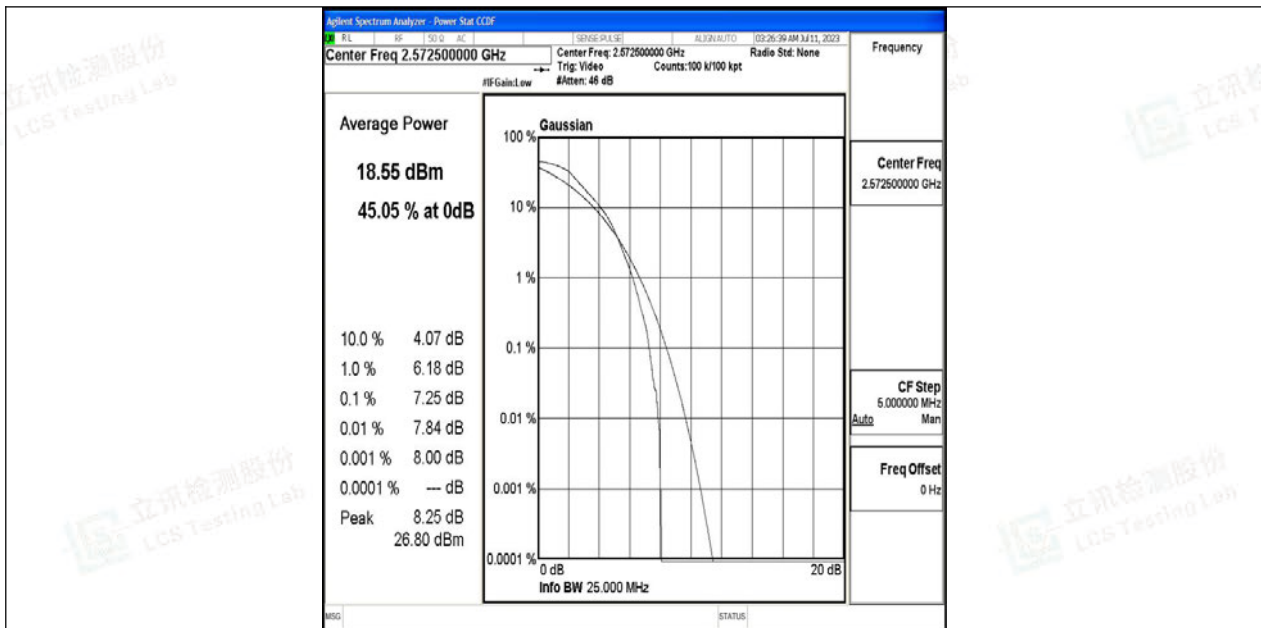
5MHz-38225



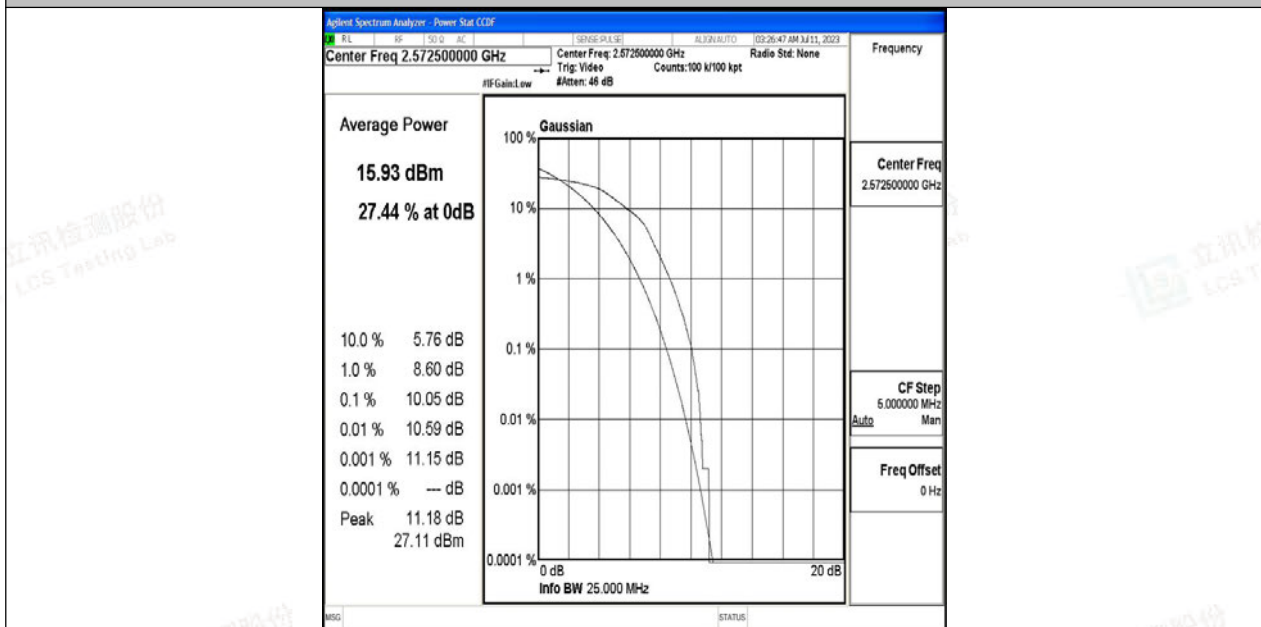
5MHz-38225





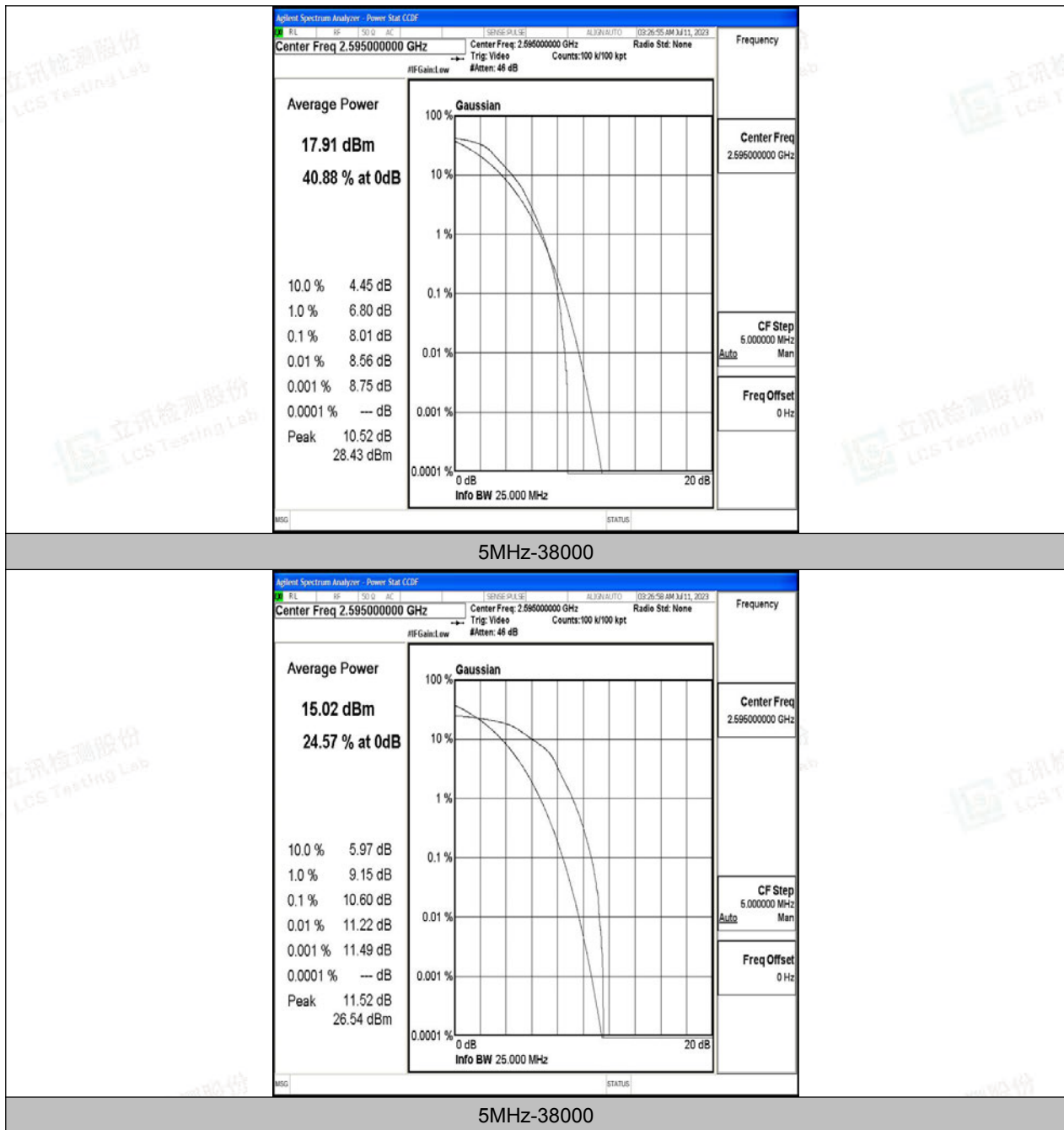


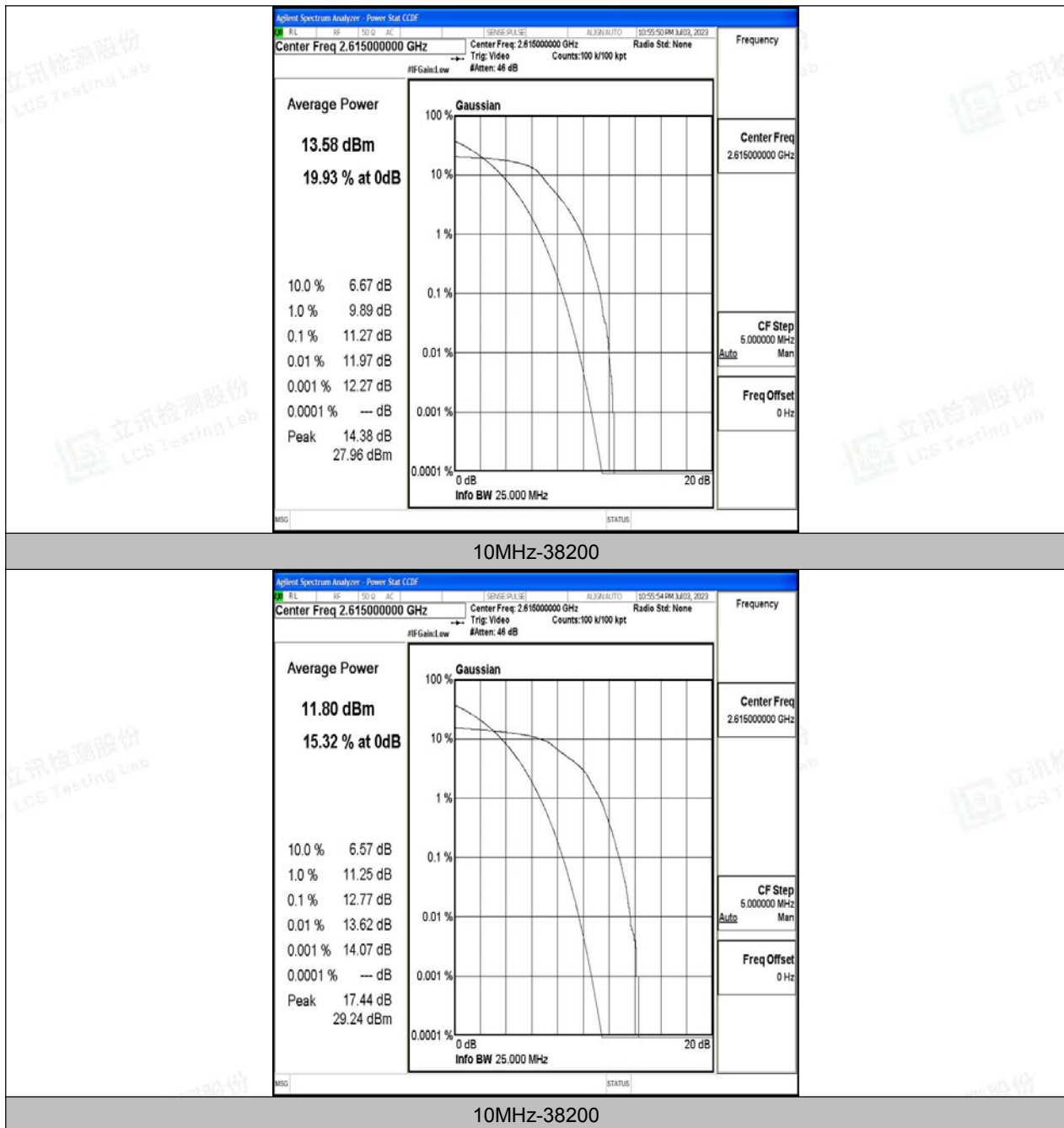
5MHz-37775

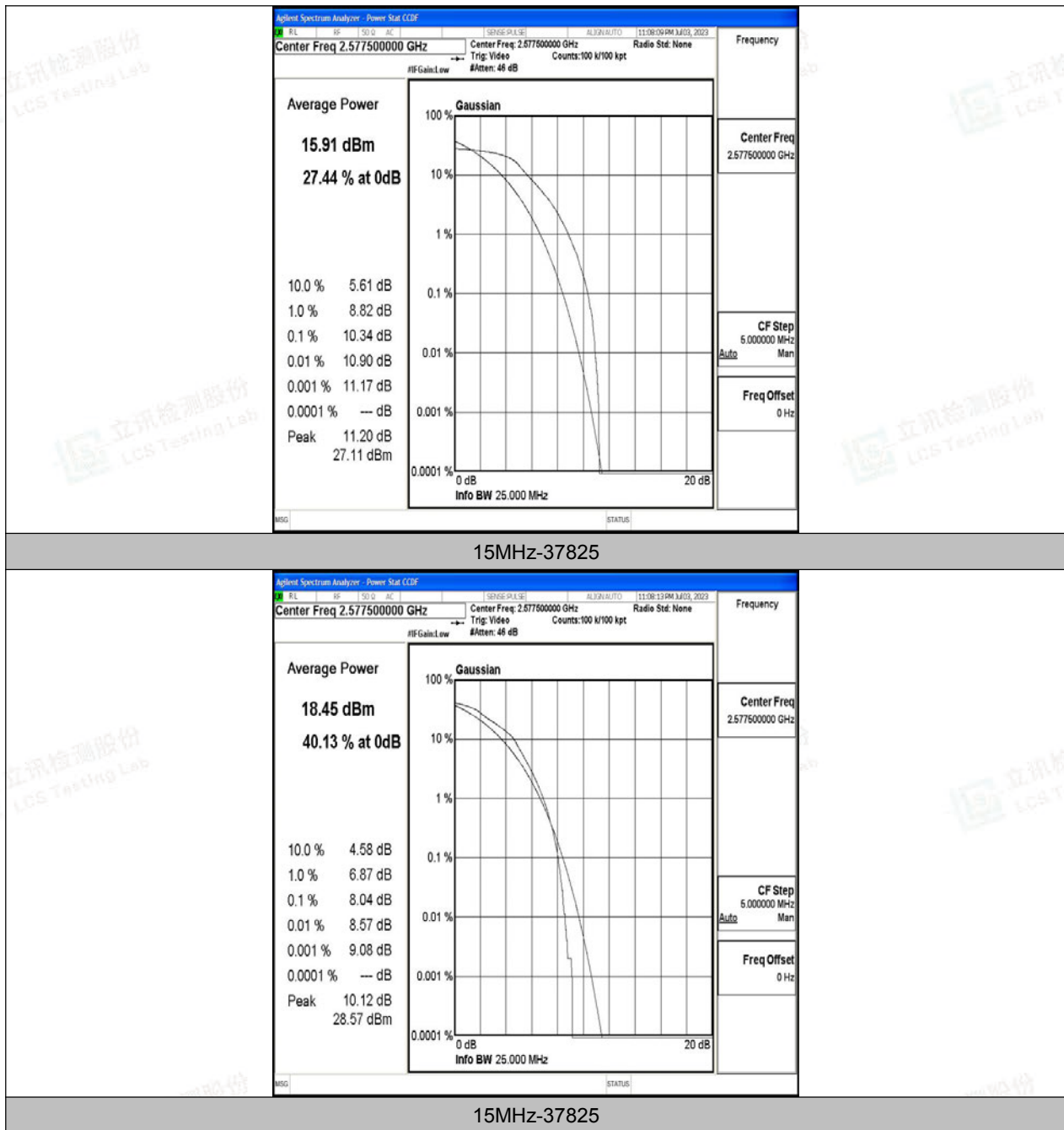


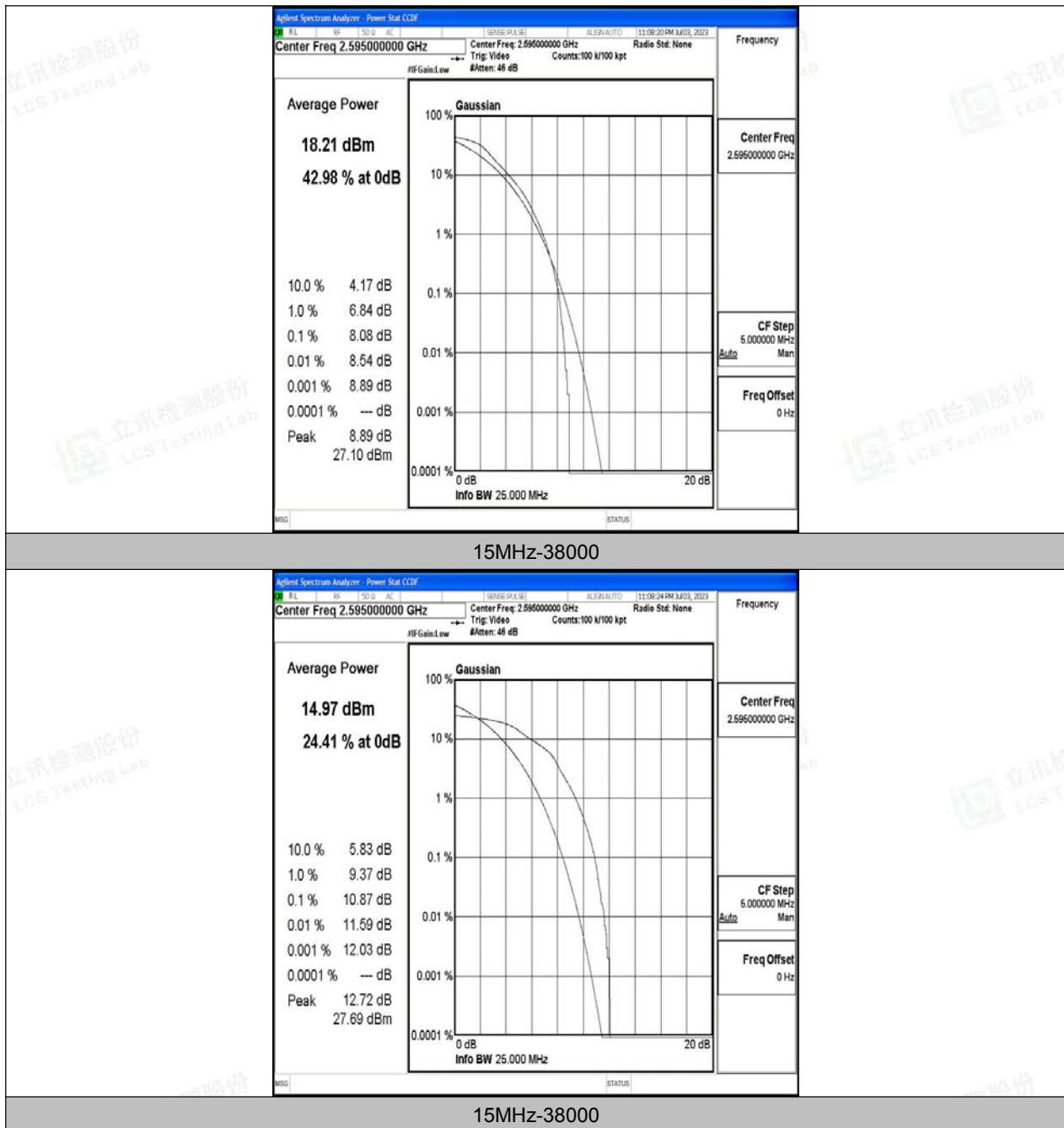
5MHz-37775

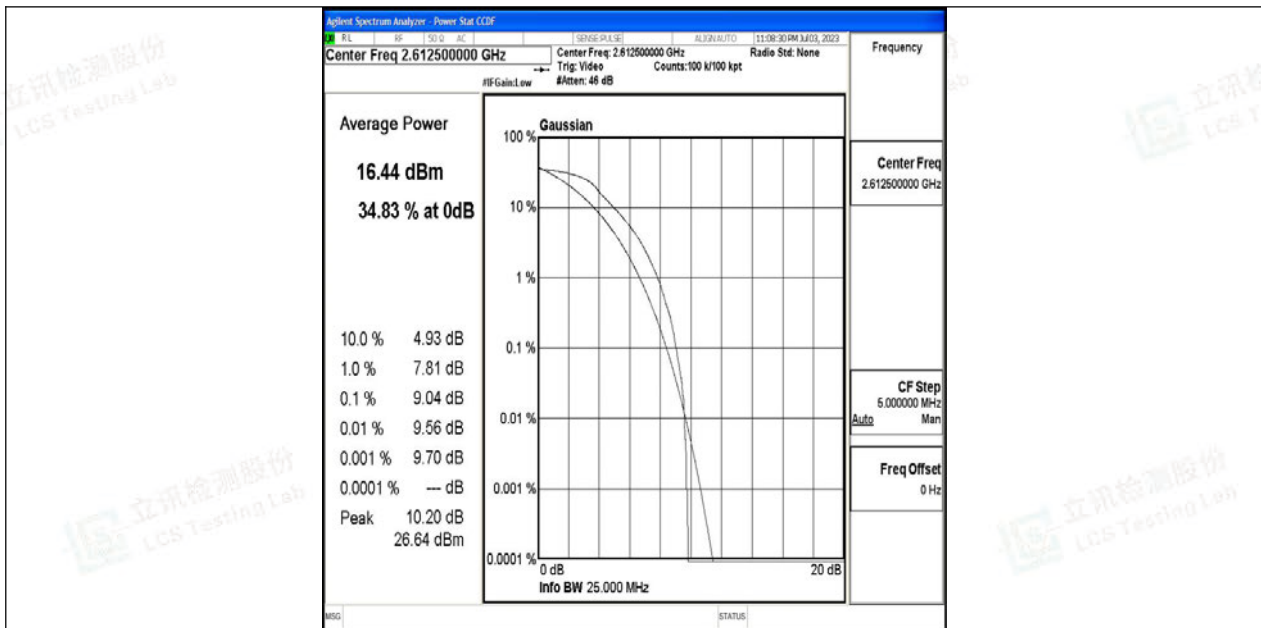




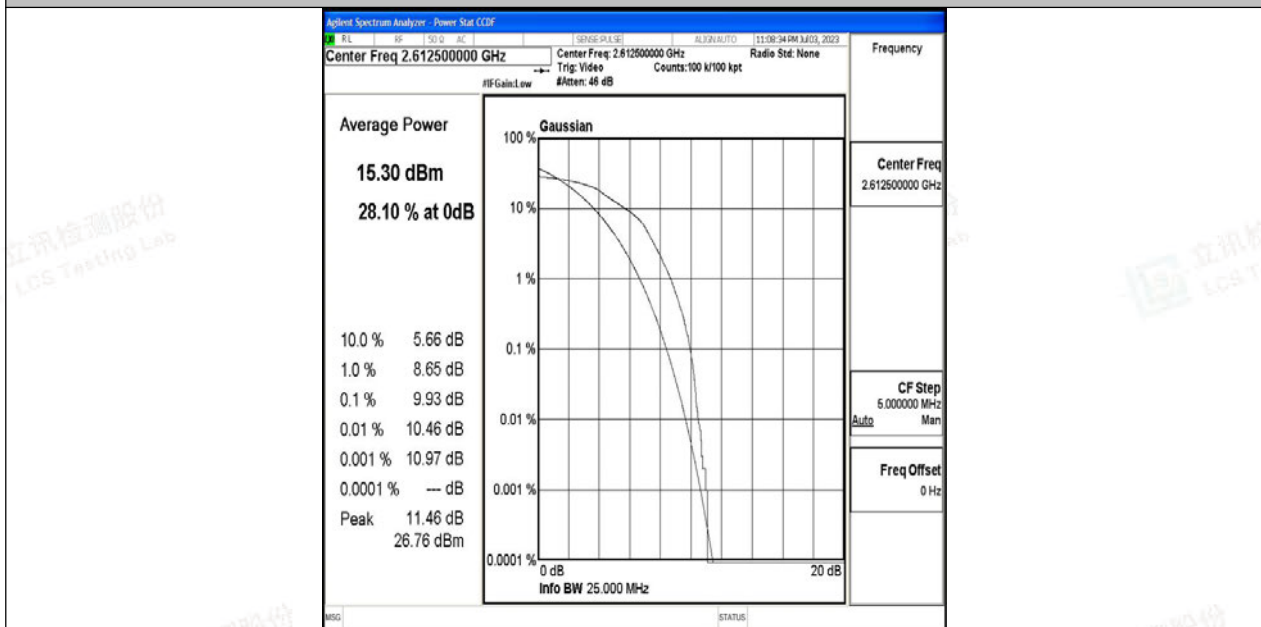








15MHz-38175



15MHz-38175

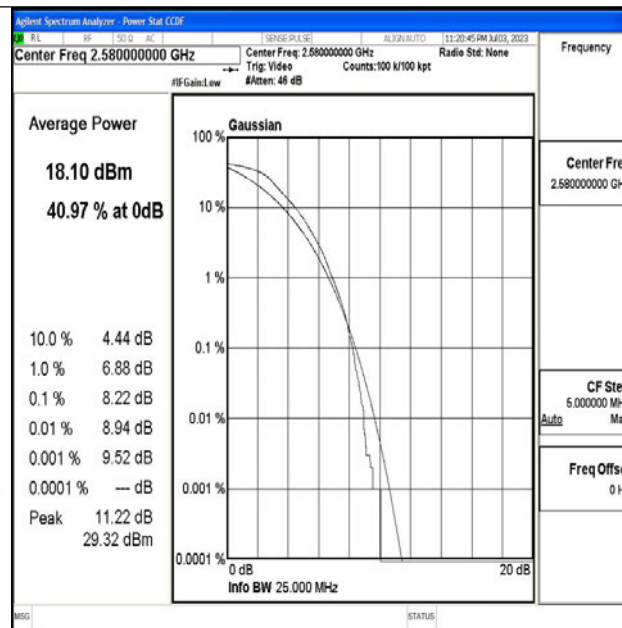


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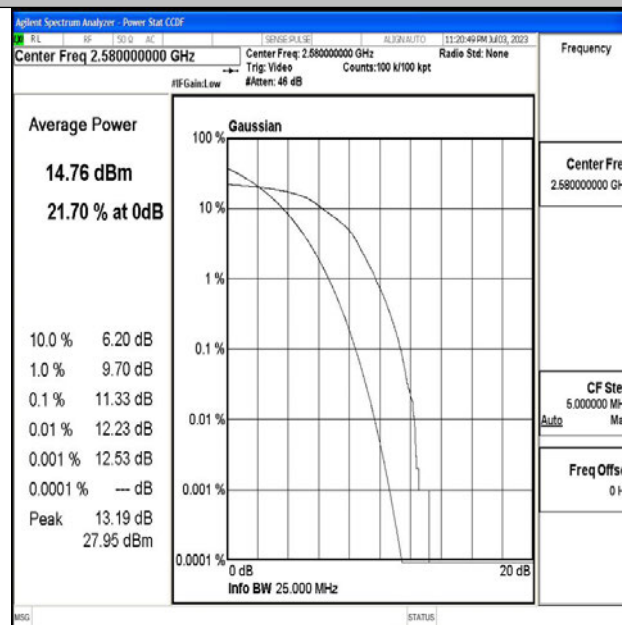
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Scan code to check authenticity



20MHz-37850



20MHz-37850

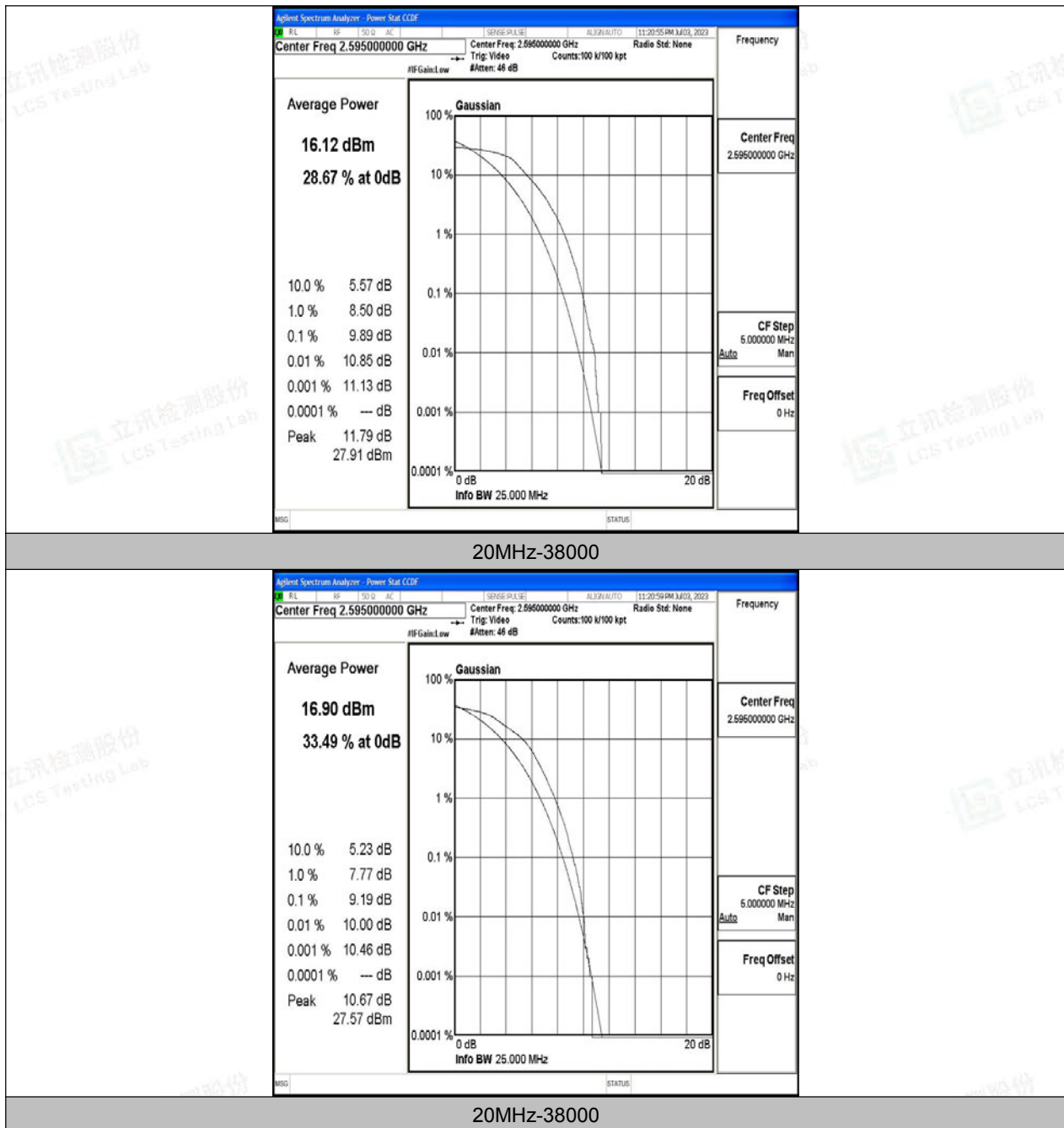


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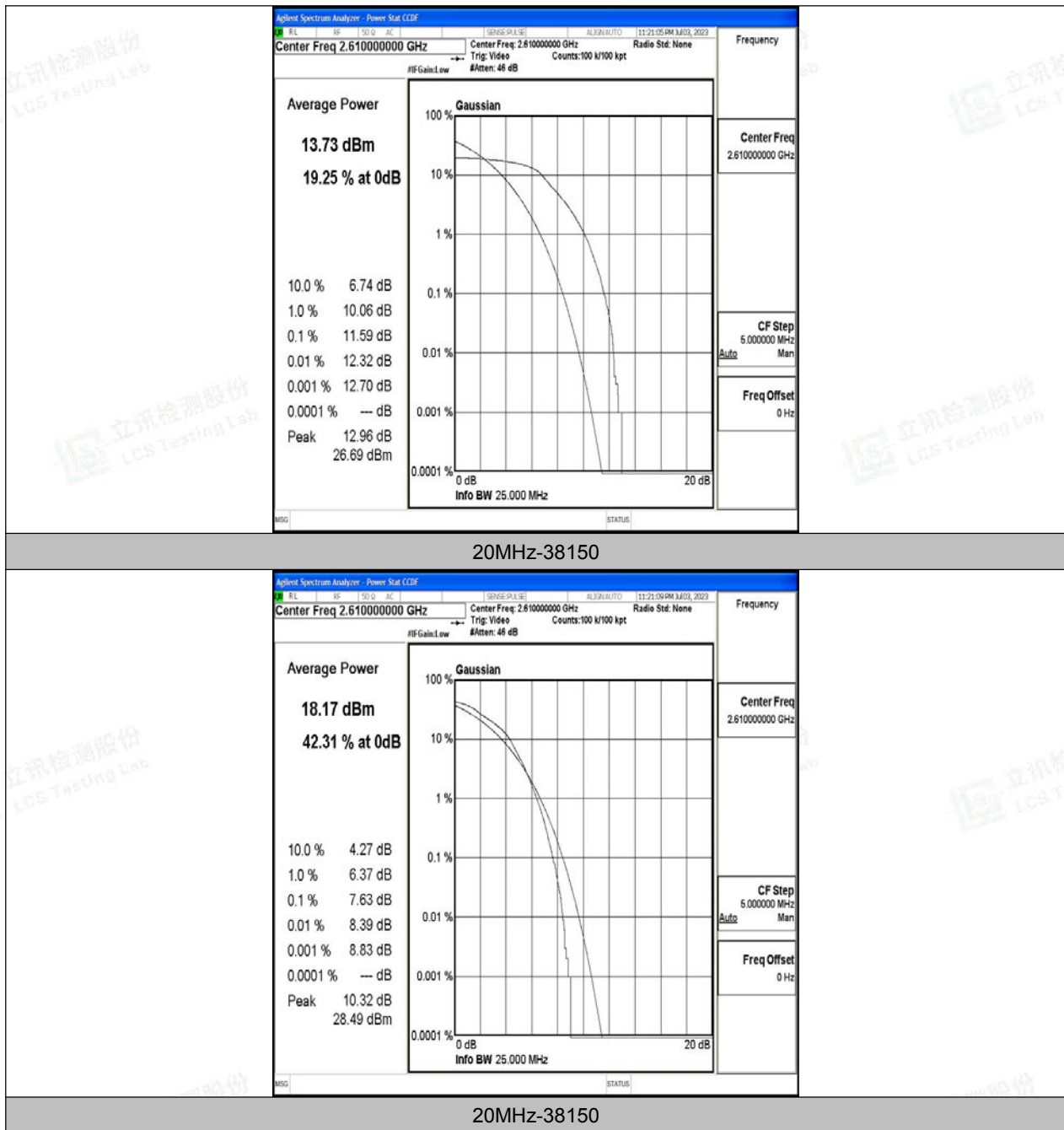


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N.3 26dB Bandwidth and Occupied Bandwidth

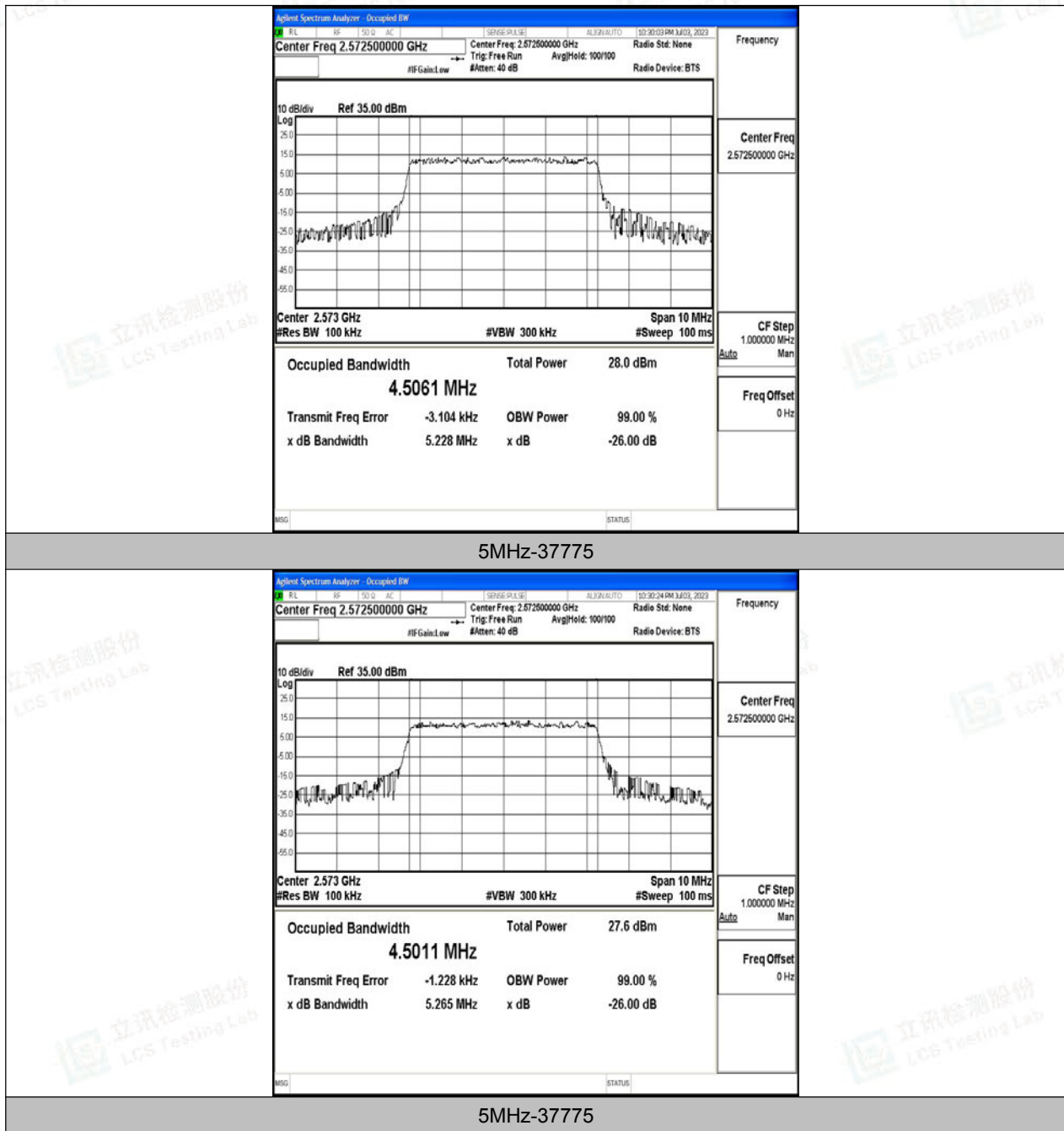
Test Result

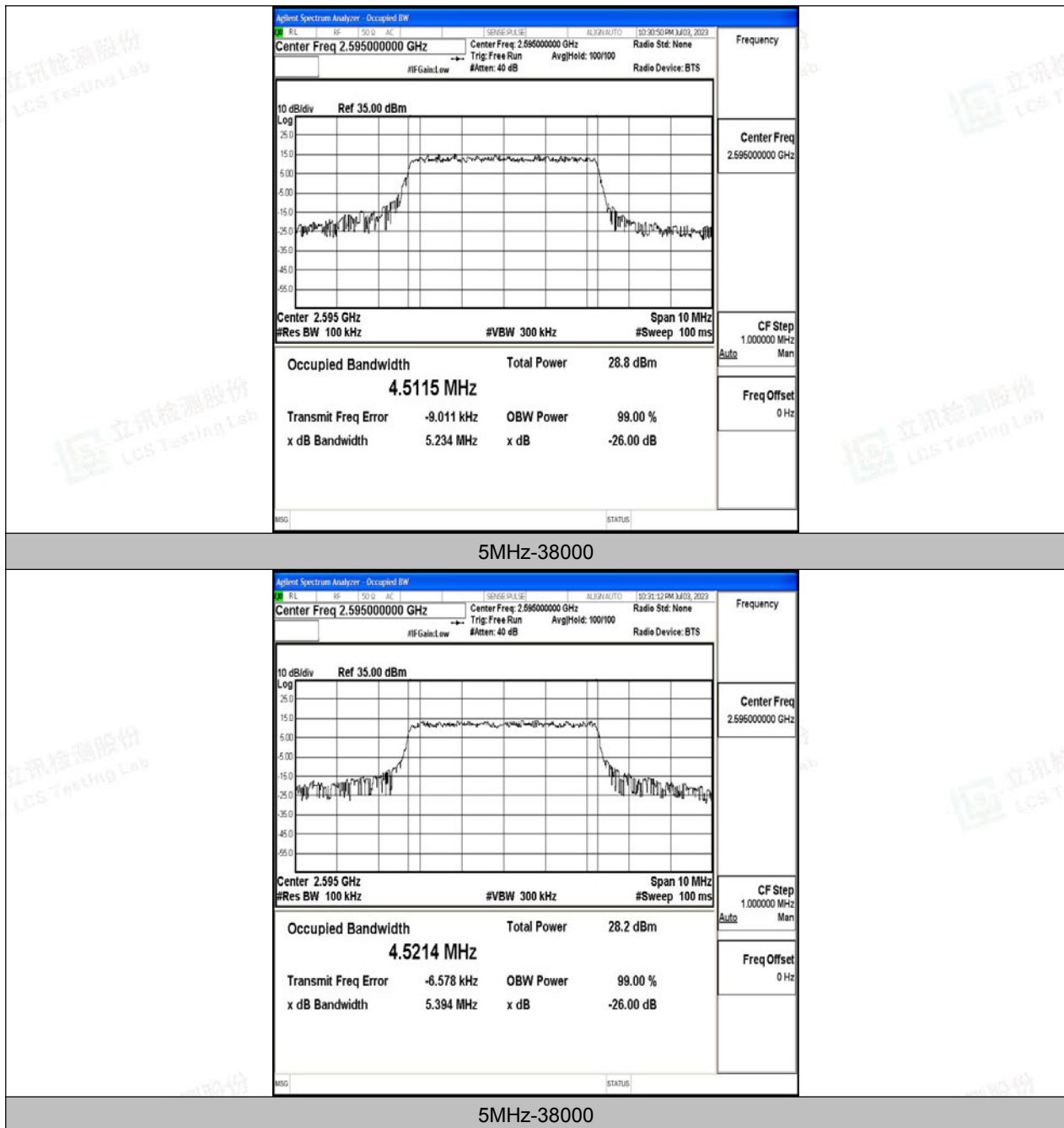
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5061	5.228	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5011	5.265	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5115	5.234	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5214	5.394	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.4984	5.117	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5007	5.254	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9826	9.904	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9756	10.21	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9928	10.11	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9789	9.894	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9891	9.966	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9869	11.03	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.520	14.79	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.440	15.06	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.494	15.72	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.478	15.29	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.488	15.47	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.515	15.80	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.959	20.85	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.941	20.39	PASS
Band38	20MHz	QPSK	38000	100RB#0	18.000	19.91	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.975	20.27	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.920	19.43	PASS
Band38	20MHz	16QAM	38150	100RB#0	18.013	20.02	PASS





Test Graphs



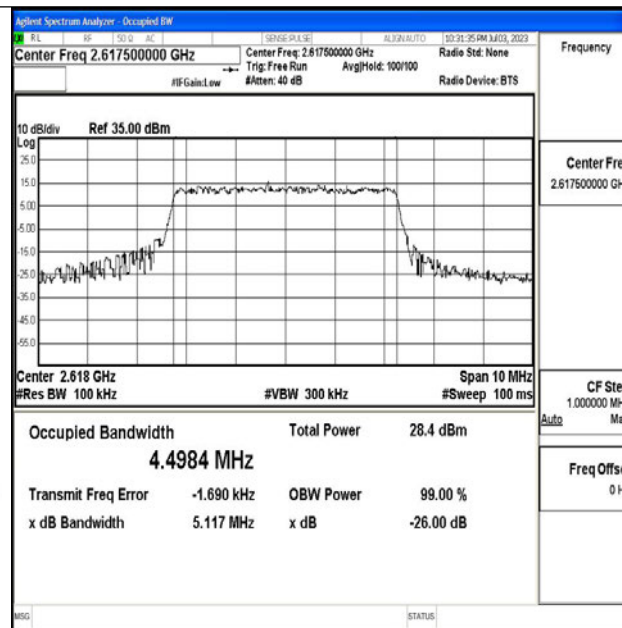


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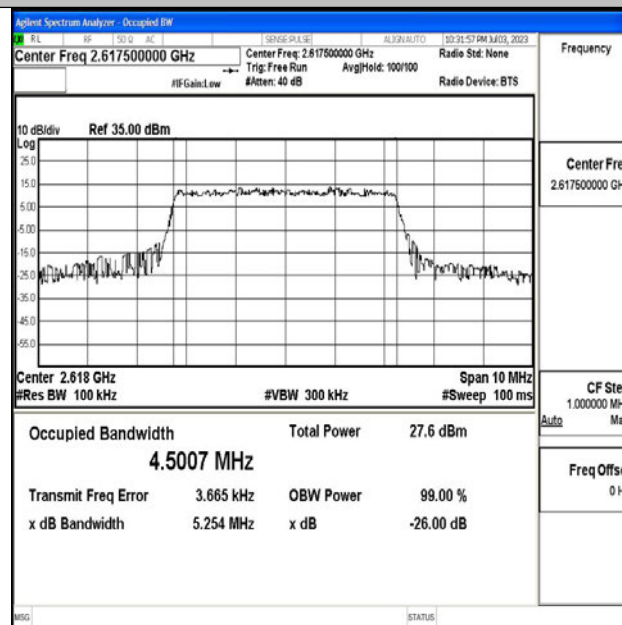
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Scan code to check authenticity



5MHz-38225



5MHz-38225

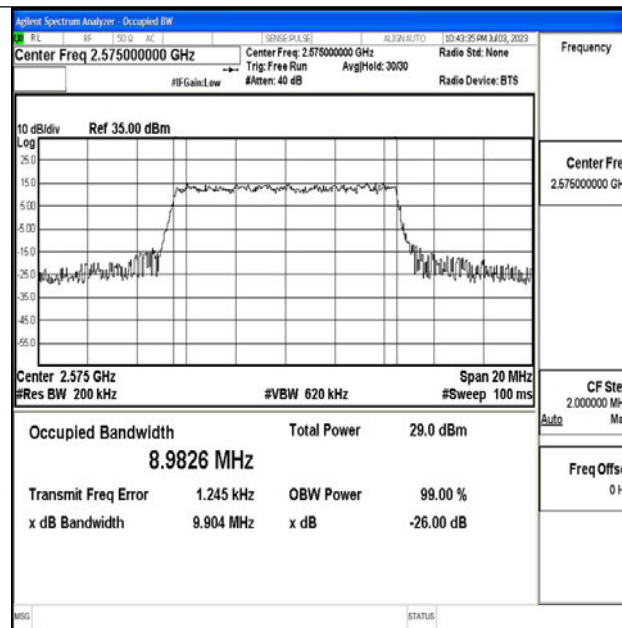


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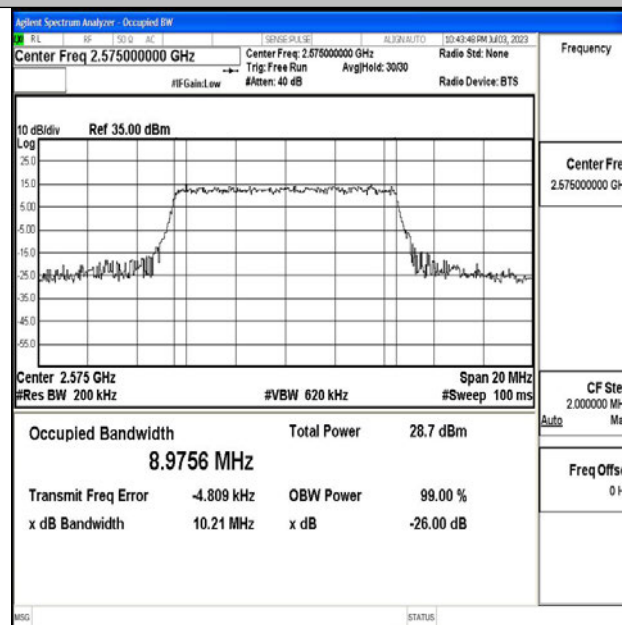
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10MHz-37800



10MHz-37800

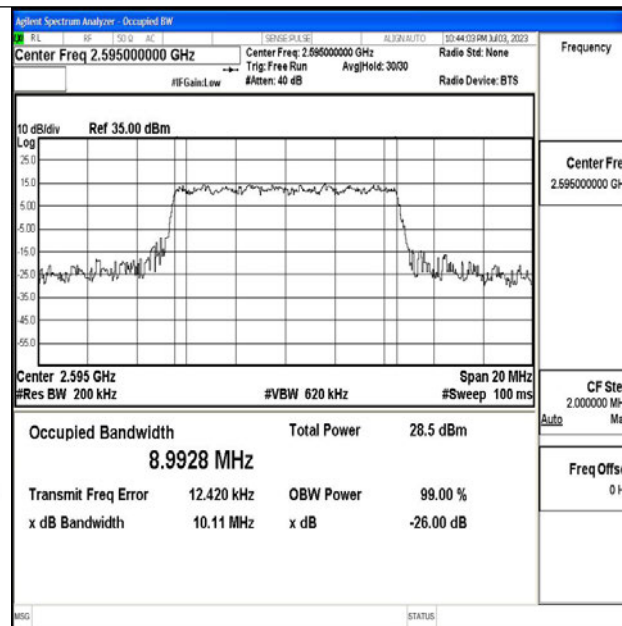


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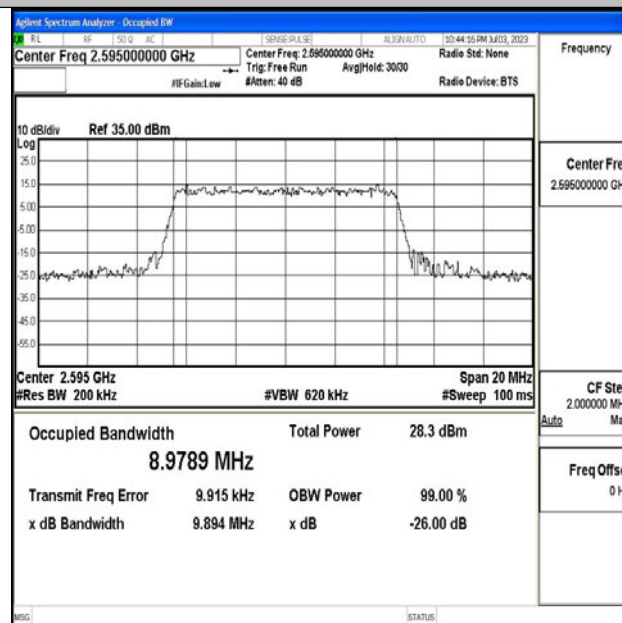
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10MHz-38000



10MHz-38000

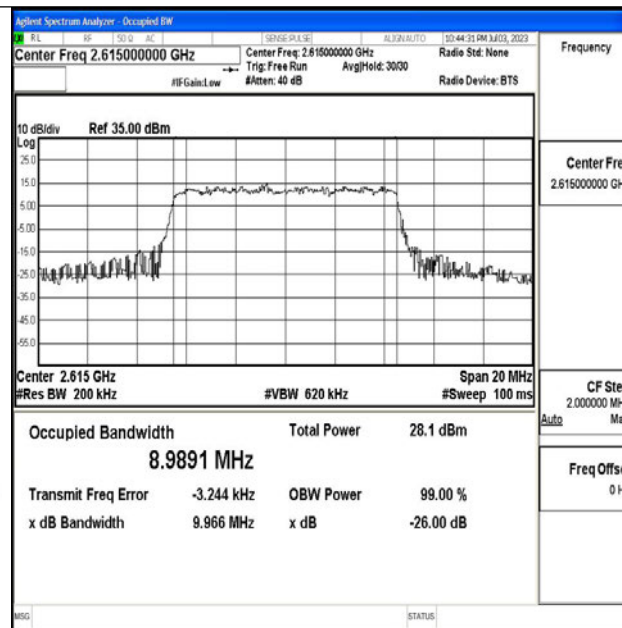


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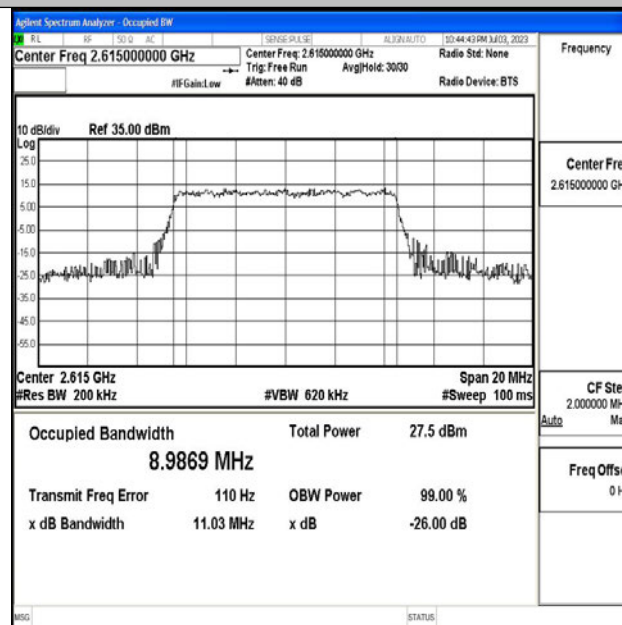
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10MHz-38200



10MHz-38200

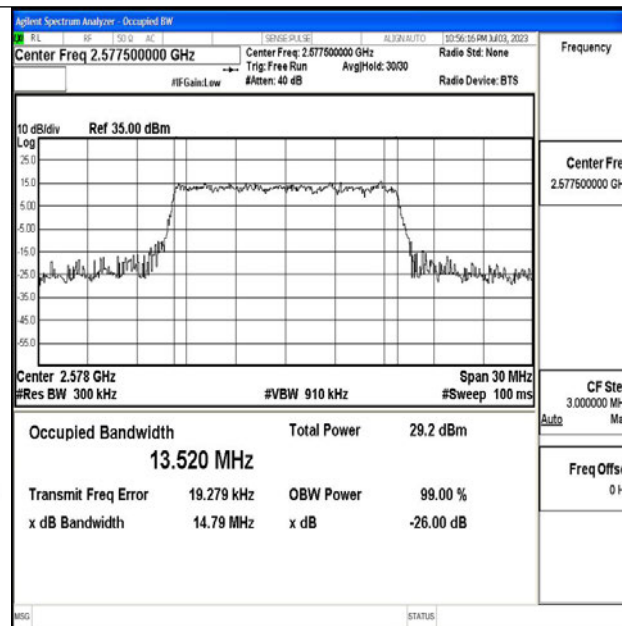


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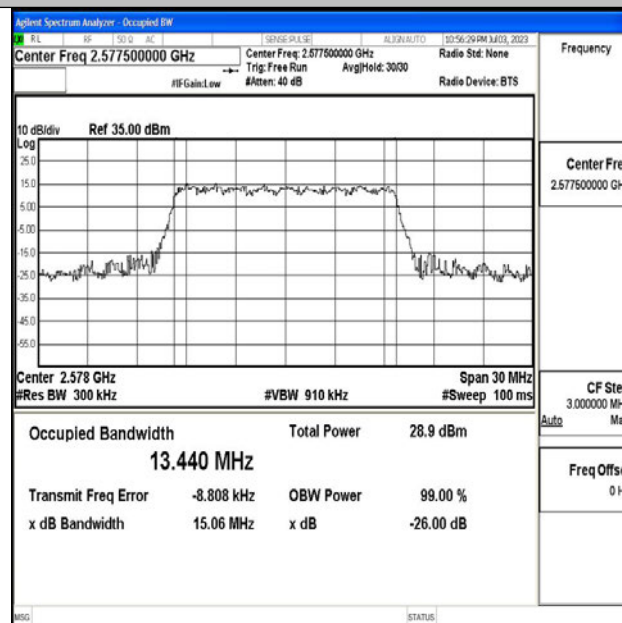
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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15MHz-37825



15MHz-37825

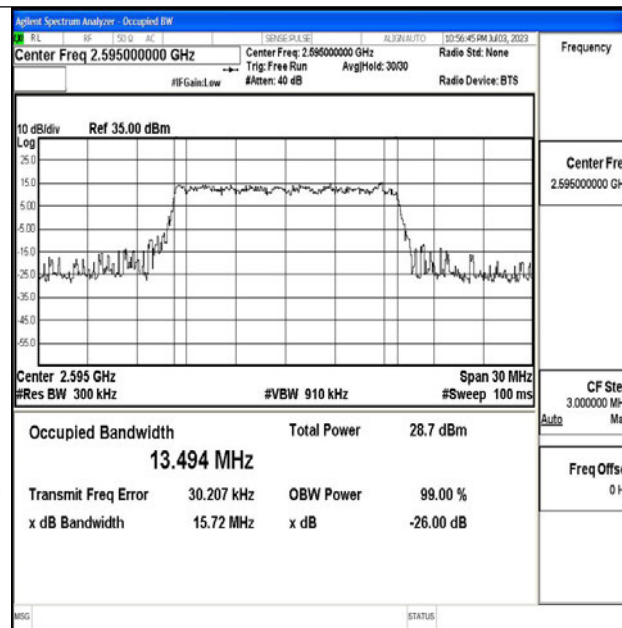


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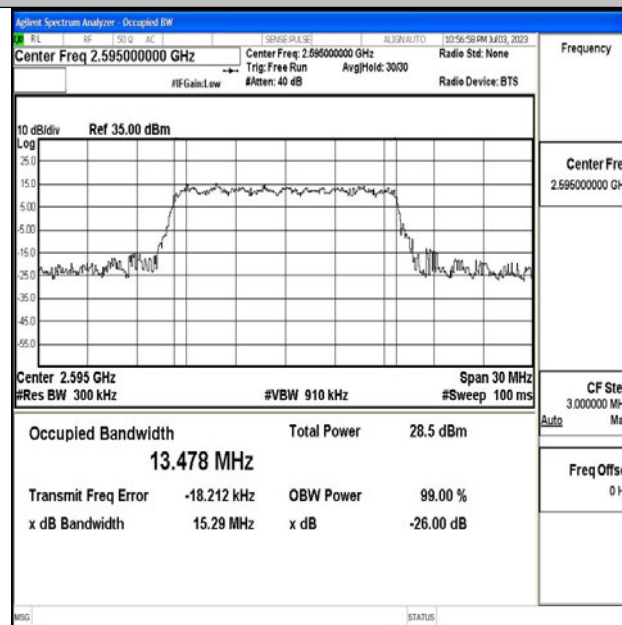
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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15MHz-38000



15MHz-38000

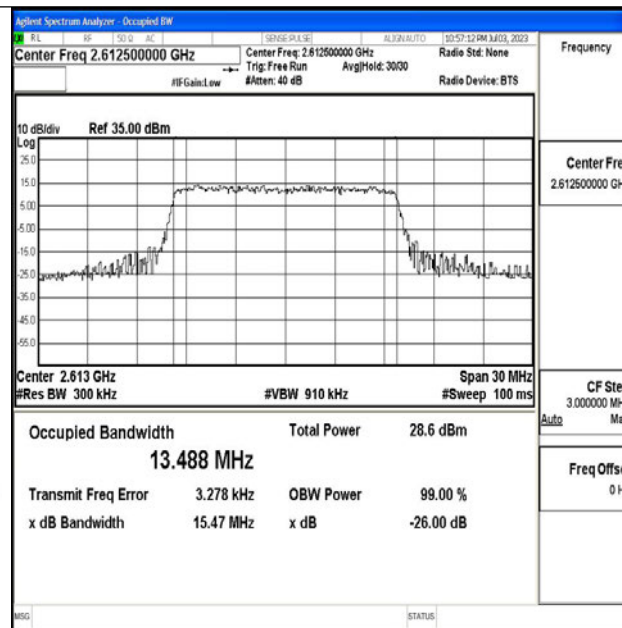


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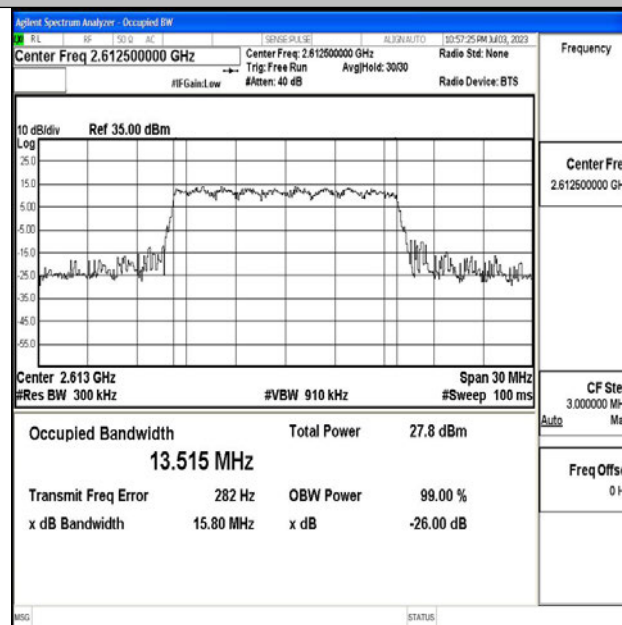
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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15MHz-38175



15MHz-38175

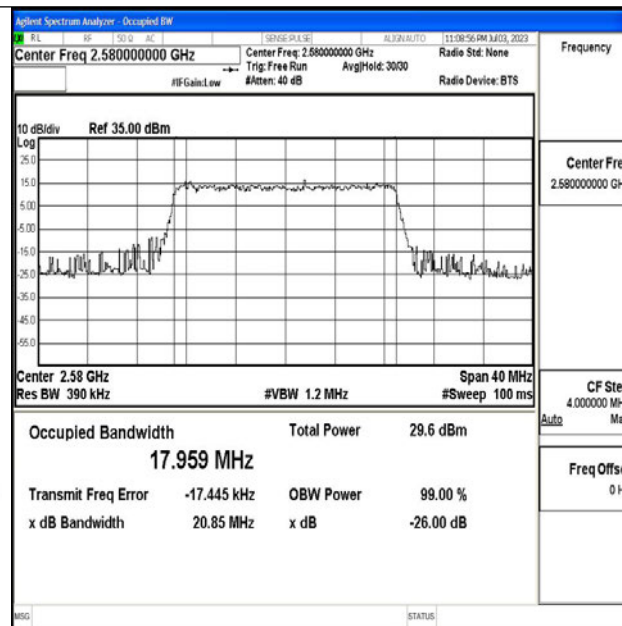


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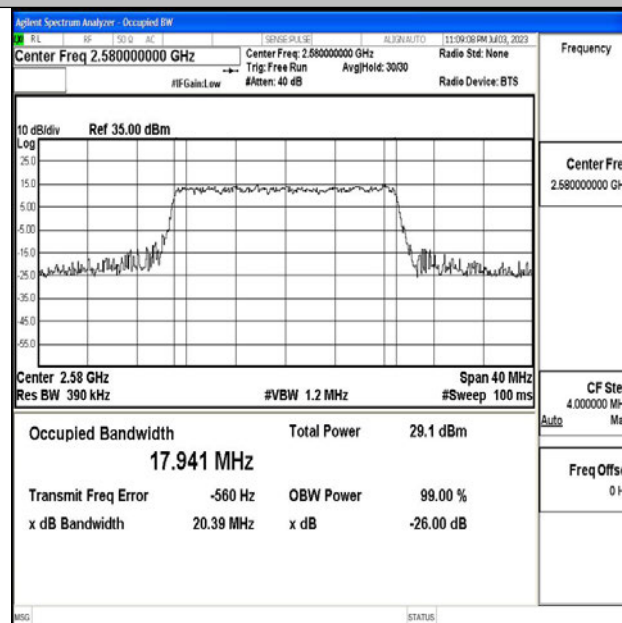
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20MHz-37850



20MHz-37850

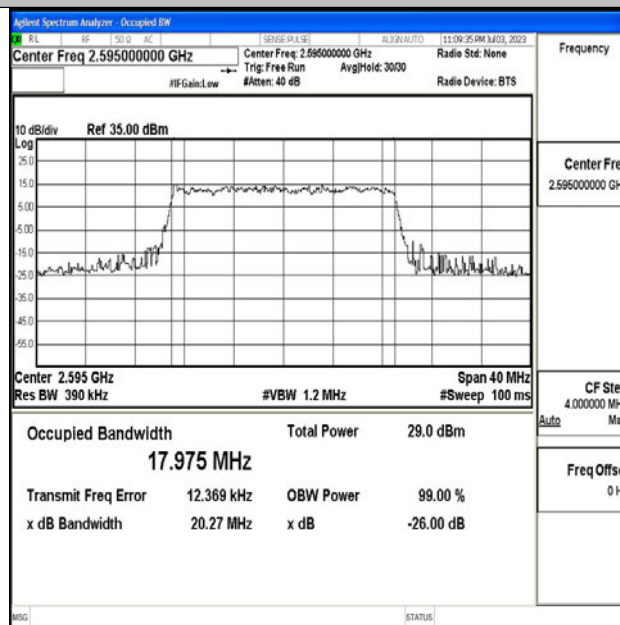
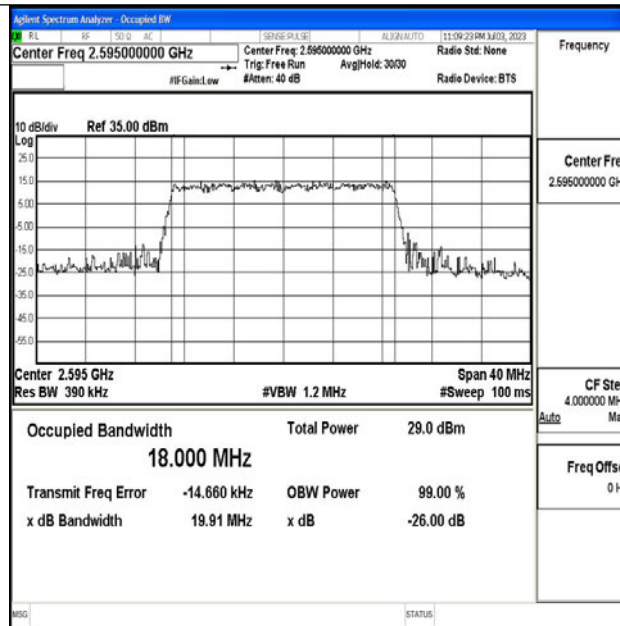


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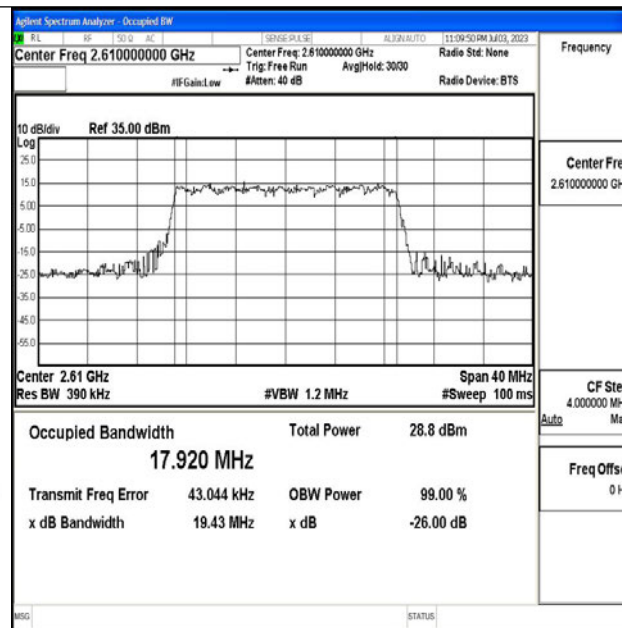


Shenzhen LCS Compliance Testing Laboratory Ltd.

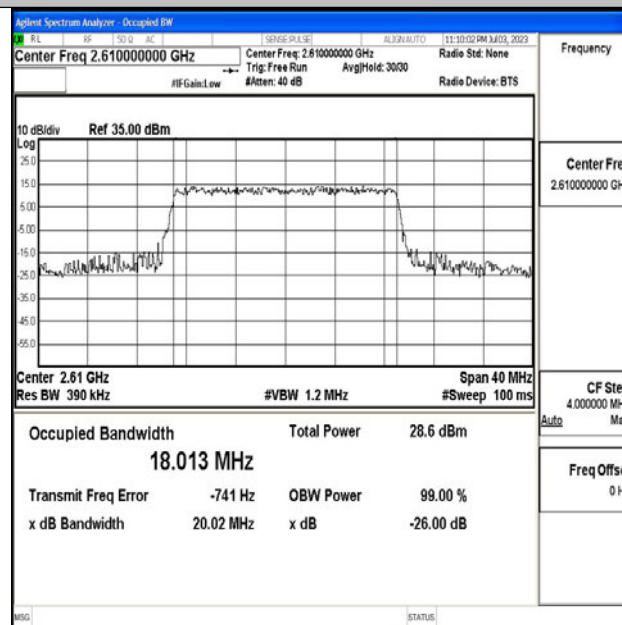
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20MHz-38150



20MHz-38150



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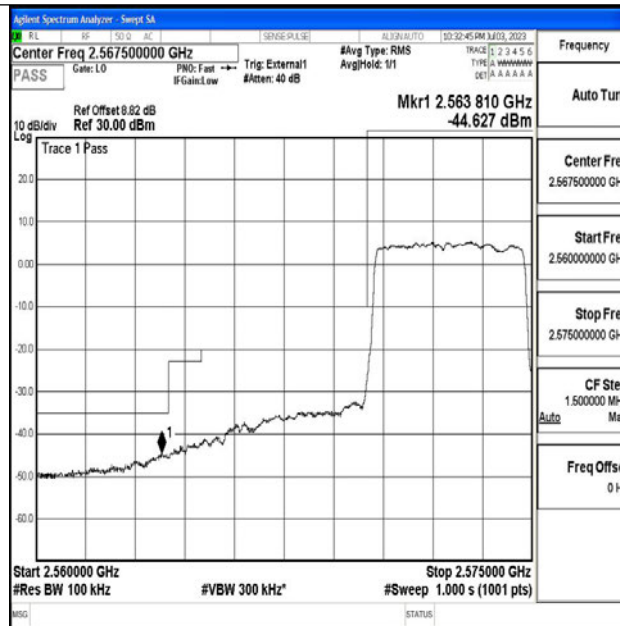
N.4 Band Edge

Test Result

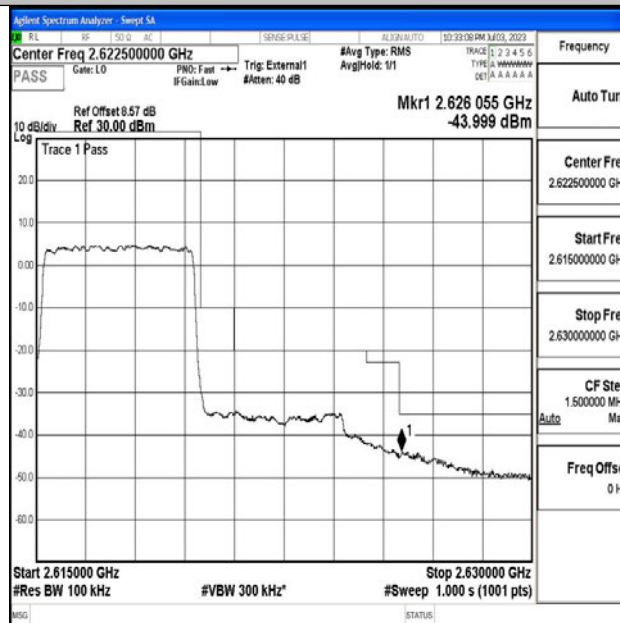
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	2563.89	-44.20	PASS
Band38	5MHz	16QAM	37775	25RB#0	2563.81	-44.63	PASS
Band38	5MHz	QPSK	38225	25RB#0	2626.06	-44.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	2626.01	-44.33	PASS
Band38	10MHz	QPSK	37800	50RB#0	2559.85	-41.91	PASS
Band38	10MHz	16QAM	37800	50RB#0	2559.93	-41.51	PASS
Band38	10MHz	QPSK	38200	50RB#0	2630.55	-40.81	PASS
Band38	10MHz	16QAM	38200	50RB#0	2630.03	-40.45	PASS
Band38	15MHz	QPSK	37825	75RB#0	2554.55	-39.44	PASS
Band38	15MHz	16QAM	37825	75RB#0	2554.62	-39.25	PASS
Band38	15MHz	QPSK	38175	75RB#0	2635.14	-39.84	PASS
Band38	15MHz	16QAM	38175	75RB#0	2635.07	-39.53	PASS
Band38	20MHz	QPSK	37850	100RB#0	2549.82	-39.87	PASS
Band38	20MHz	16QAM	37850	100RB#0	2550.00	-39.93	PASS
Band38	20MHz	QPSK	38150	100RB#0	2640.01	-40.09	PASS
Band38	20MHz	16QAM	38150	100RB#0	2640.05	-39.79	PASS

Test Graphs



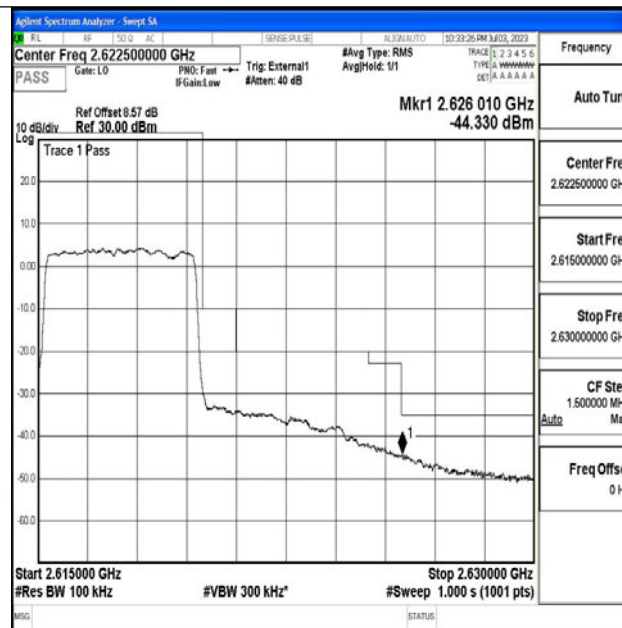


Band38_5MHz_16QAM_37775_25RB#0

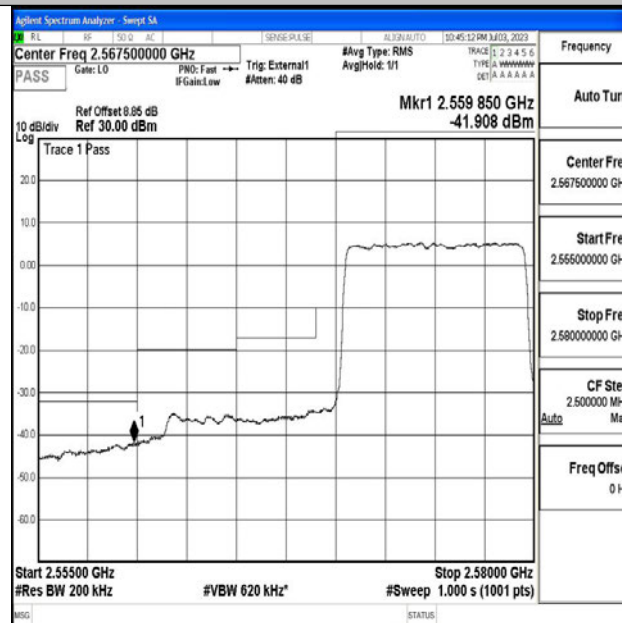


Band38_5MHz_QPSK_38225_25RB#0



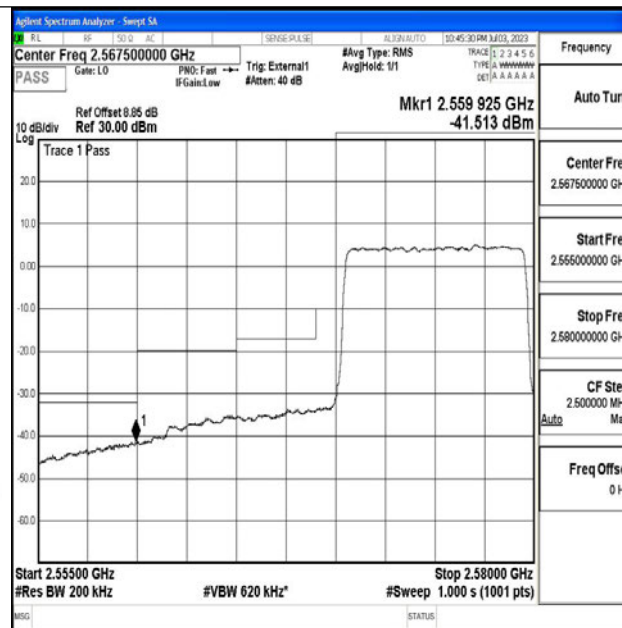


Band38_5MHz_16QAM_38225_25RB#0

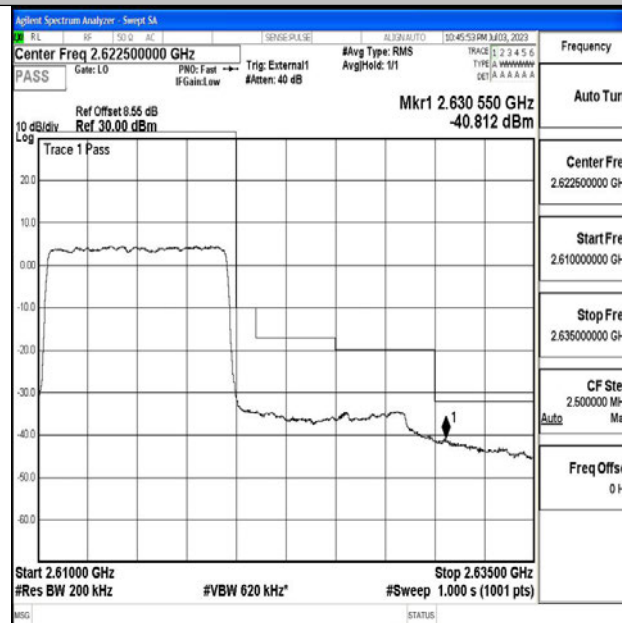


Band38_10MHz_QPSK_37800_50RB#0



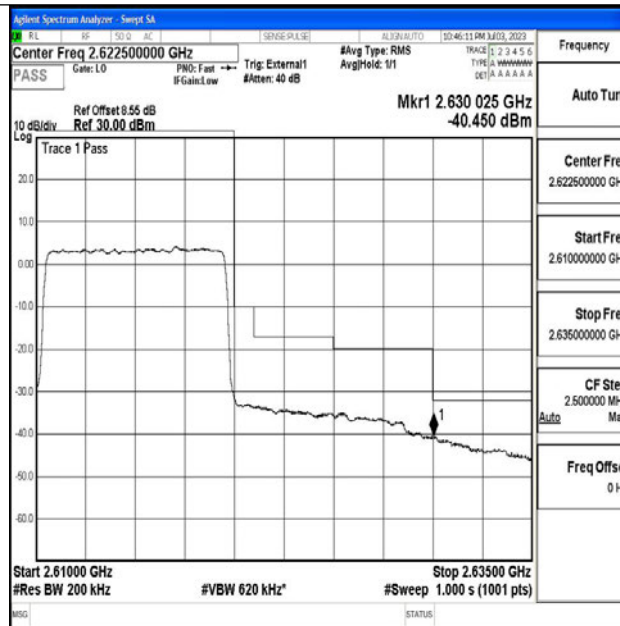


Band38_10MHz_16QAM_37800_50RB#0

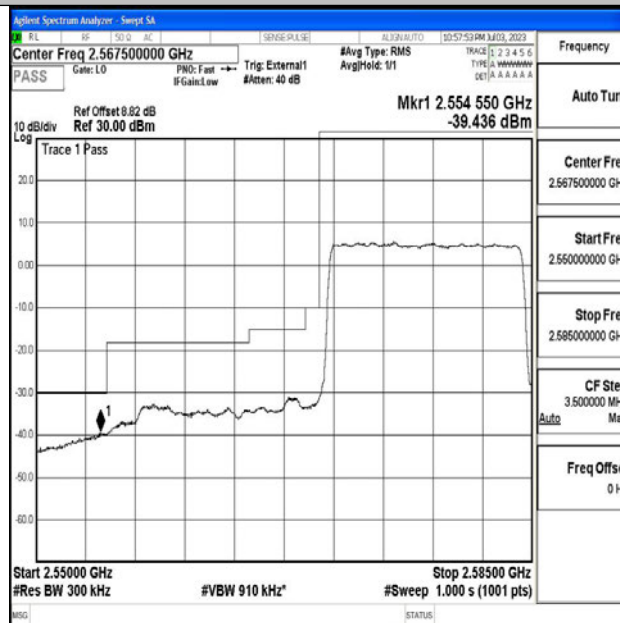


Band38_10MHz_QPSK_38200_50RB#0



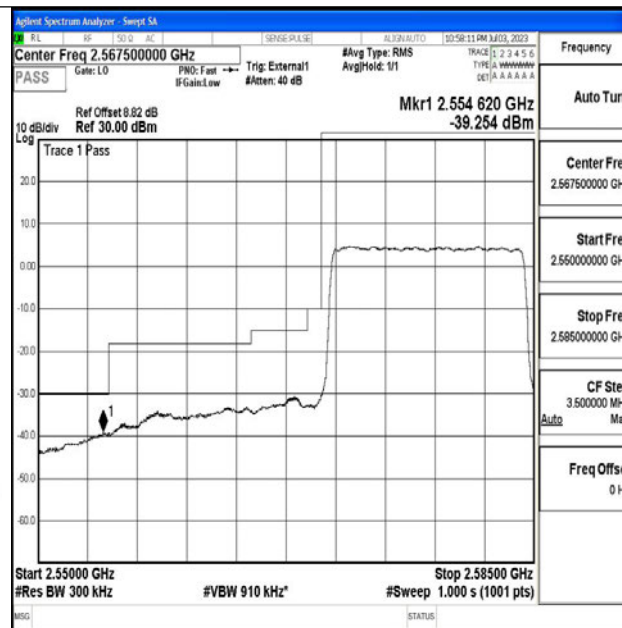


Band38_10MHz_16QAM_38200_50RB#0

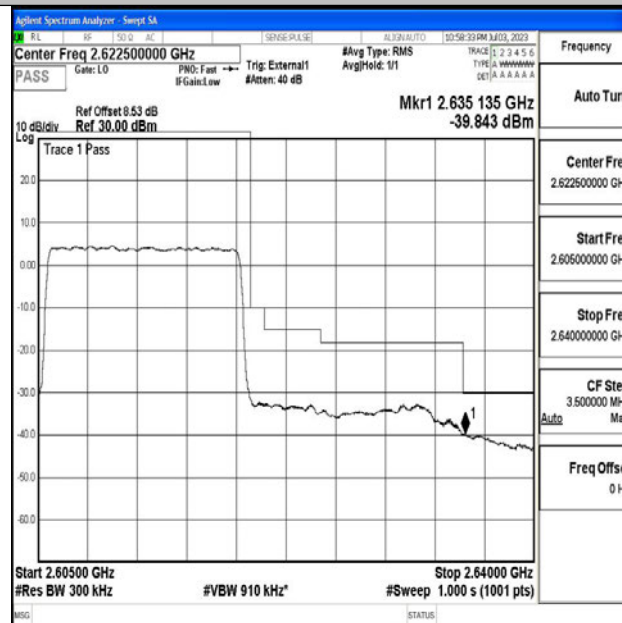


Band38_15MHz_QPSK_37825_75RB#0





Band38_15MHz_16QAM_37825_75RB#0



Band38_15MHz_QPSK_38175_75RB#0

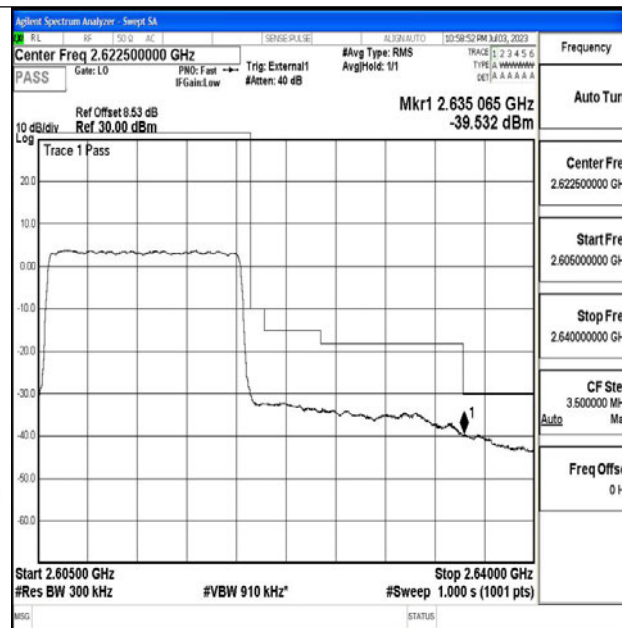


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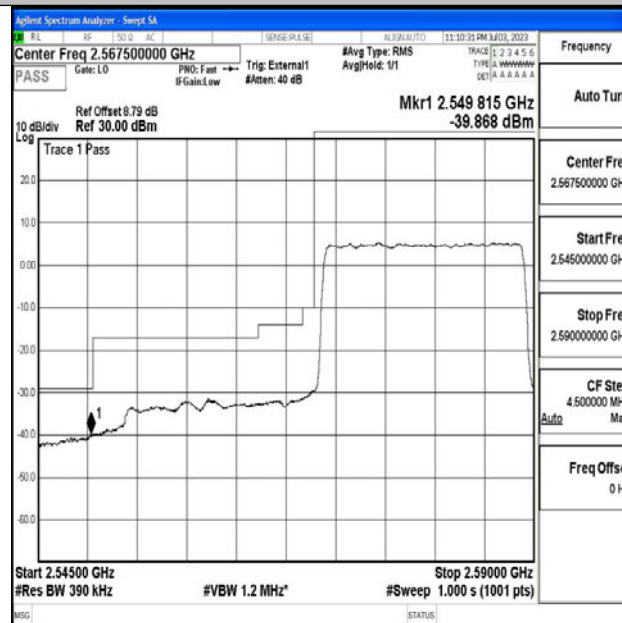
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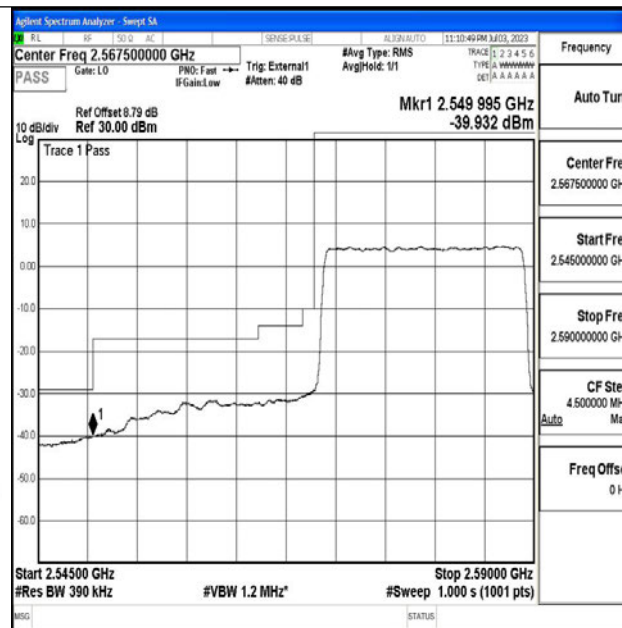


Band38_15MHz_16QAM_38175_75RB#0

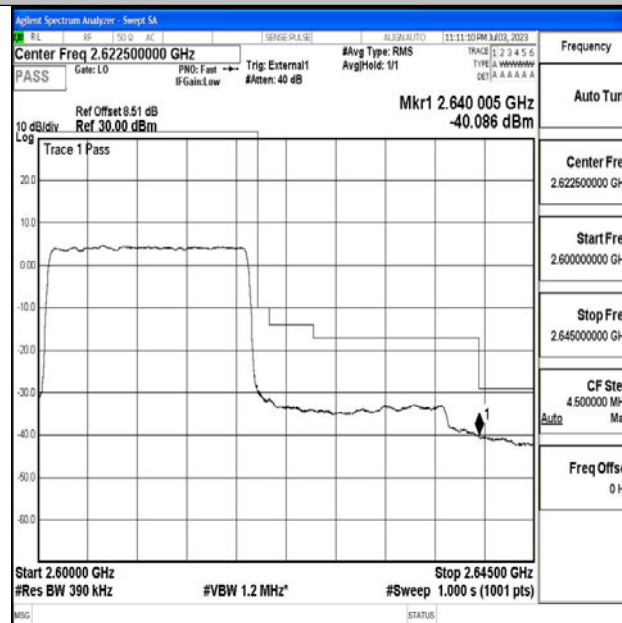


Band38_20MHz_QPSK_37850_100RB#0



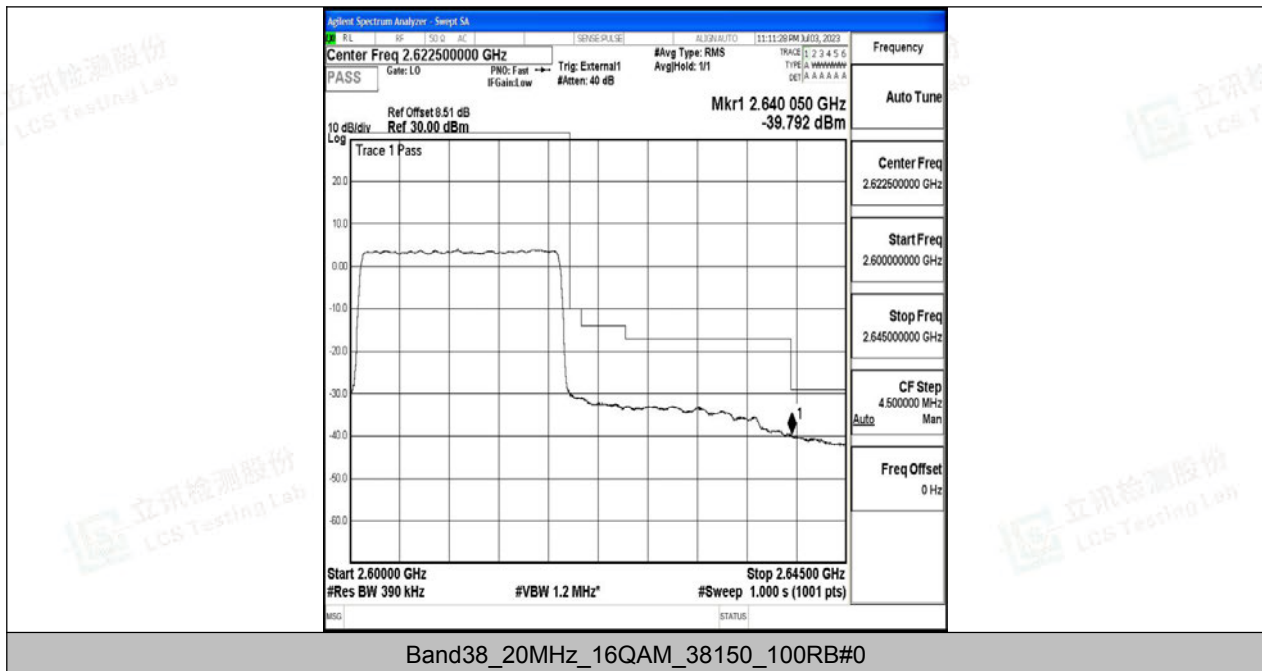


Band38_20MHz_16QAM_37850_100RB#0



Band38_20MHz_QPSK_38150_100RB#0





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N.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	0.009~0.15	-57.67	PASS
Band38	5MHz	QPSK	37775	1RB#0	0.15~30	-53.58	PASS
Band38	5MHz	QPSK	37775	1RB#0	30~1000	-53.83	PASS
Band38	5MHz	QPSK	37775	1RB#0	1000~20000	-33.19	PASS
Band38	5MHz	QPSK	37775	1RB#0	20000~27000	-45.48	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.009~0.15	-58.94	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.15~30	-51.39	PASS
Band38	5MHz	16QAM	37775	1RB#0	30~1000	-53.93	PASS
Band38	5MHz	16QAM	37775	1RB#0	1000~20000	-33.32	PASS
Band38	5MHz	16QAM	37775	1RB#0	20000~27000	-45.63	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.009~0.15	-55.64	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.15~30	-53.22	PASS
Band38	5MHz	QPSK	38000	1RB#0	30~1000	-53.89	PASS
Band38	5MHz	QPSK	38000	1RB#0	1000~20000	-32.94	PASS
Band38	5MHz	QPSK	38000	1RB#0	20000~27000	-45.57	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.009~0.15	-56.33	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.15~30	-54.90	PASS
Band38	5MHz	16QAM	38000	1RB#0	30~1000	-53.97	PASS
Band38	5MHz	16QAM	38000	1RB#0	1000~20000	-32.89	PASS
Band38	5MHz	16QAM	38000	1RB#0	20000~27000	-45.40	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.009~0.15	-60.02	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.15~30	-48.28	PASS
Band38	5MHz	QPSK	38225	1RB#0	30~1000	-53.95	PASS
Band38	5MHz	QPSK	38225	1RB#0	1000~20000	-33.32	PASS
Band38	5MHz	QPSK	38225	1RB#0	20000~27000	-45.55	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.009~0.15	-56.16	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.15~30	-55.06	PASS
Band38	5MHz	16QAM	38225	1RB#0	30~1000	-53.90	PASS
Band38	5MHz	16QAM	38225	1RB#0	1000~20000	-33.46	PASS
Band38	5MHz	16QAM	38225	1RB#0	20000~27000	-44.81	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.009~0.15	-56.96	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.15~30	-53.13	PASS
Band38	10MHz	QPSK	37800	1RB#0	30~1000	-53.95	PASS
Band38	10MHz	QPSK	37800	1RB#0	1000~20000	-33.35	PASS
Band38	10MHz	QPSK	37800	1RB#0	20000~27000	-45.42	PASS



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Band38	10MHz	16QAM	37800	1RB#0	0.009~0.15	-58.53	PASS
Band38	10MHz	16QAM	37800	1RB#0	0.15~30	-51.89	PASS
Band38	10MHz	16QAM	37800	1RB#0	30~1000	-53.98	PASS
Band38	10MHz	16QAM	37800	1RB#0	1000~20000	-33.51	PASS
Band38	10MHz	16QAM	37800	1RB#0	20000~27000	-45.47	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.009~0.15	-55.96	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.15~30	-50.77	PASS
Band38	10MHz	QPSK	38000	1RB#0	30~1000	-53.97	PASS
Band38	10MHz	QPSK	38000	1RB#0	1000~20000	-33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	20000~27000	-45.52	PASS
Band38	10MHz	16QAM	38000	1RB#0	0.009~0.15	-58.20	PASS
Band38	10MHz	16QAM	38000	1RB#0	0.15~30	-52.05	PASS
Band38	10MHz	16QAM	38000	1RB#0	30~1000	-53.99	PASS
Band38	10MHz	16QAM	38000	1RB#0	1000~20000	-33.18	PASS
Band38	10MHz	16QAM	38000	1RB#0	20000~27000	-45.45	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.009~0.15	-58.05	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.15~30	-54.07	PASS
Band38	10MHz	QPSK	38200	1RB#0	30~1000	-53.84	PASS
Band38	10MHz	QPSK	38200	1RB#0	1000~20000	-33.42	PASS
Band38	10MHz	QPSK	38200	1RB#0	20000~27000	-45.39	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.009~0.15	-58.44	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.15~30	-52.49	PASS
Band38	10MHz	16QAM	38200	1RB#0	30~1000	-53.95	PASS
Band38	10MHz	16QAM	38200	1RB#0	1000~20000	-33.30	PASS
Band38	10MHz	16QAM	38200	1RB#0	20000~27000	-45.46	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.009~0.15	-55.78	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.15~30	-52.75	PASS
Band38	15MHz	QPSK	37825	1RB#0	30~1000	-53.92	PASS
Band38	15MHz	QPSK	37825	1RB#0	1000~20000	-32.96	PASS
Band38	15MHz	QPSK	37825	1RB#0	20000~27000	-45.54	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.009~0.15	-56.94	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.15~30	-53.89	PASS
Band38	15MHz	16QAM	37825	1RB#0	30~1000	-53.90	PASS
Band38	15MHz	16QAM	37825	1RB#0	1000~20000	-33.53	PASS
Band38	15MHz	16QAM	37825	1RB#0	20000~27000	-45.75	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.009~0.15	-56.82	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.15~30	-53.15	PASS
Band38	15MHz	QPSK	38000	1RB#0	30~1000	-53.88	PASS
Band38	15MHz	QPSK	38000	1RB#0	1000~20000	-33.46	PASS
Band38	15MHz	QPSK	38000	1RB#0	20000~27000	-45.20	PASS
Band38	15MHz	16QAM	38000	1RB#0	0.009~0.15	-58.74	PASS



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Band38	15MHz	16QAM	38000	1RB#0	0.15~30	-54.19	PASS
Band38	15MHz	16QAM	38000	1RB#0	30~1000	-53.82	PASS
Band38	15MHz	16QAM	38000	1RB#0	1000~20000	-33.07	PASS
Band38	15MHz	16QAM	38000	1RB#0	20000~27000	-45.34	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.009~0.15	-57.50	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.15~30	-50.07	PASS
Band38	15MHz	QPSK	38175	1RB#0	30~1000	-53.92	PASS
Band38	15MHz	QPSK	38175	1RB#0	1000~20000	-33.09	PASS
Band38	15MHz	QPSK	38175	1RB#0	20000~27000	-45.26	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.009~0.15	-57.86	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.15~30	-51.19	PASS
Band38	15MHz	16QAM	38175	1RB#0	30~1000	-53.92	PASS
Band38	15MHz	16QAM	38175	1RB#0	1000~20000	-33.32	PASS
Band38	15MHz	16QAM	38175	1RB#0	20000~27000	-45.78	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.009~0.15	-59.30	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.15~30	-49.74	PASS
Band38	20MHz	QPSK	37850	1RB#0	30~1000	-53.85	PASS
Band38	20MHz	QPSK	37850	1RB#0	1000~20000	-33.25	PASS
Band38	20MHz	QPSK	37850	1RB#0	20000~27000	-45.43	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.009~0.15	-57.71	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.15~30	-52.55	PASS
Band38	20MHz	16QAM	37850	1RB#0	30~1000	-53.96	PASS
Band38	20MHz	16QAM	37850	1RB#0	1000~20000	-33.40	PASS
Band38	20MHz	16QAM	37850	1RB#0	20000~27000	-45.56	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.009~0.15	-59.27	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.15~30	-52.75	PASS
Band38	20MHz	QPSK	38000	1RB#0	30~1000	-53.95	PASS
Band38	20MHz	QPSK	38000	1RB#0	1000~20000	-32.85	PASS
Band38	20MHz	QPSK	38000	1RB#0	20000~27000	-45.53	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.009~0.15	-57.27	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.15~30	-51.71	PASS
Band38	20MHz	16QAM	38000	1RB#0	30~1000	-53.89	PASS
Band38	20MHz	16QAM	38000	1RB#0	1000~20000	-32.57	PASS
Band38	20MHz	16QAM	38000	1RB#0	20000~27000	-45.57	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.009~0.15	-57.77	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.15~30	-52.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	30~1000	-53.96	PASS
Band38	20MHz	QPSK	38150	1RB#0	1000~20000	-33.48	PASS
Band38	20MHz	QPSK	38150	1RB#0	20000~27000	-45.34	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.009~0.15	-58.81	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.15~30	-52.93	PASS



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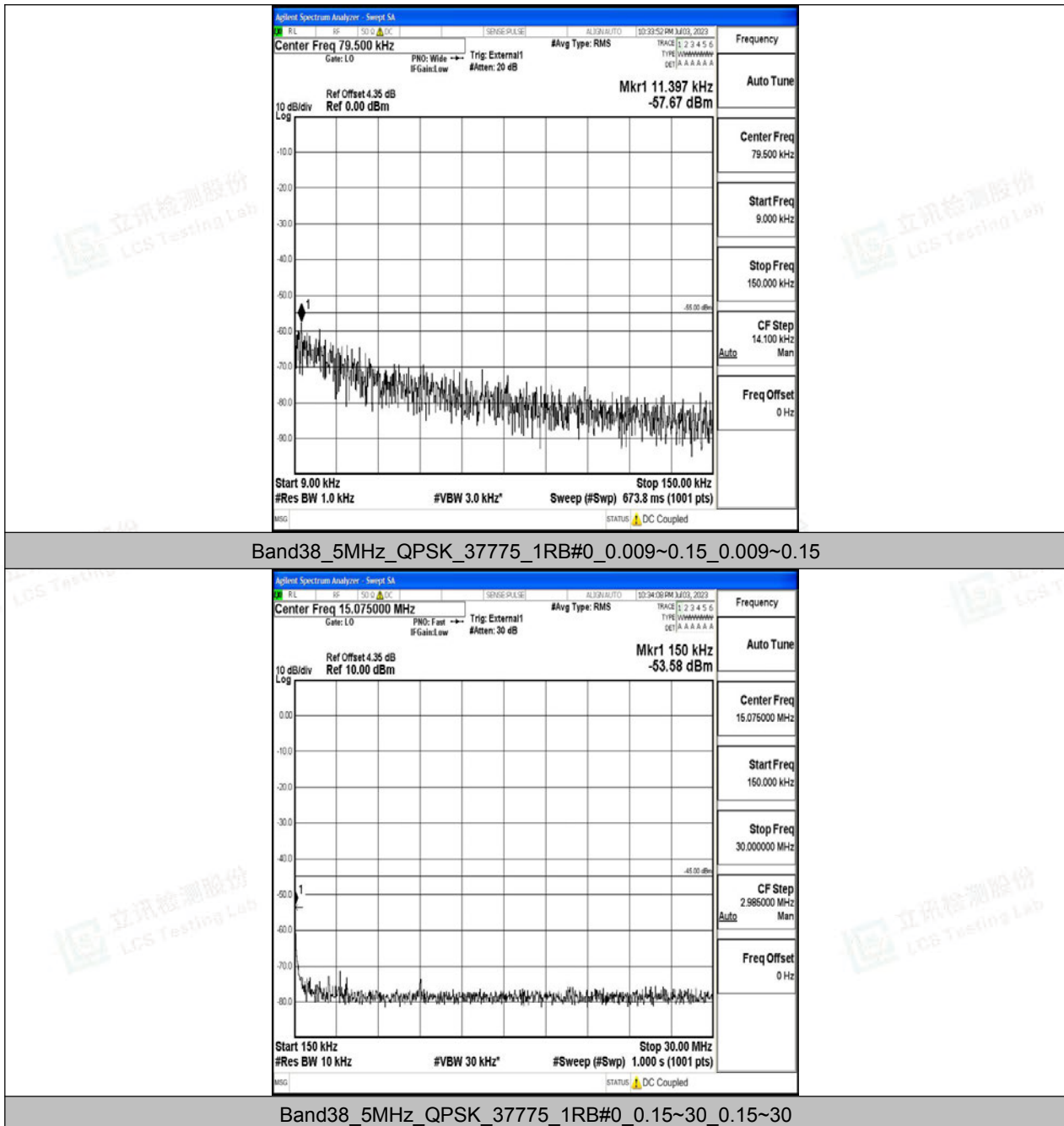
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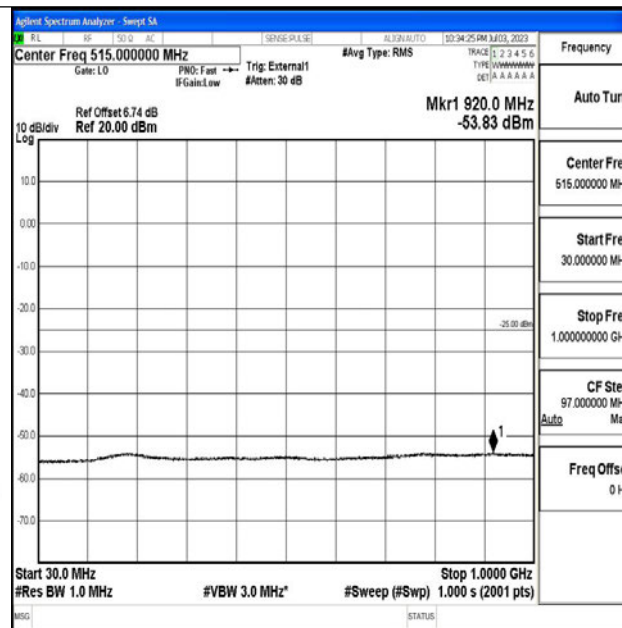
Scan code to check authenticity



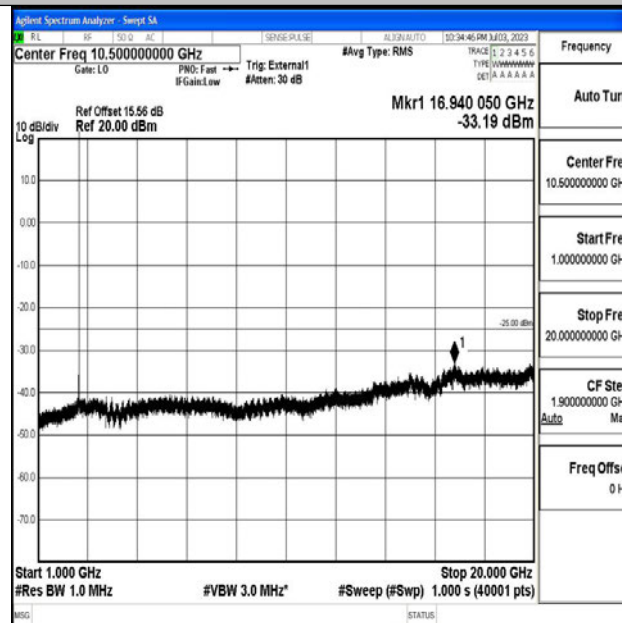
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Test Graphs



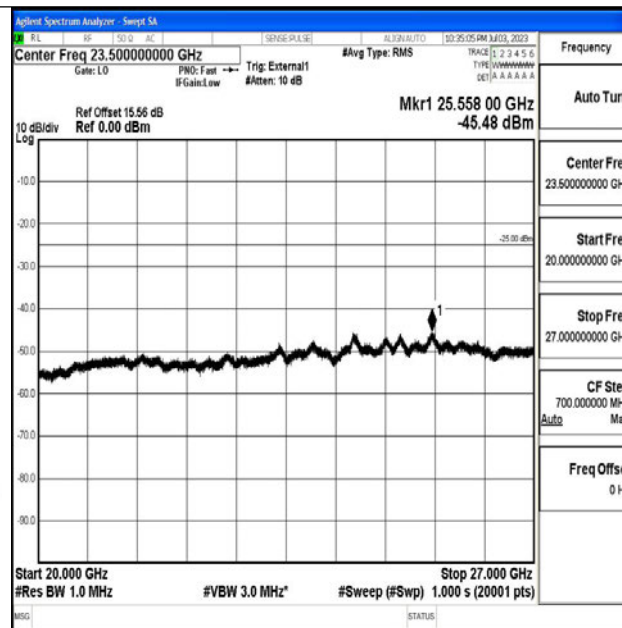


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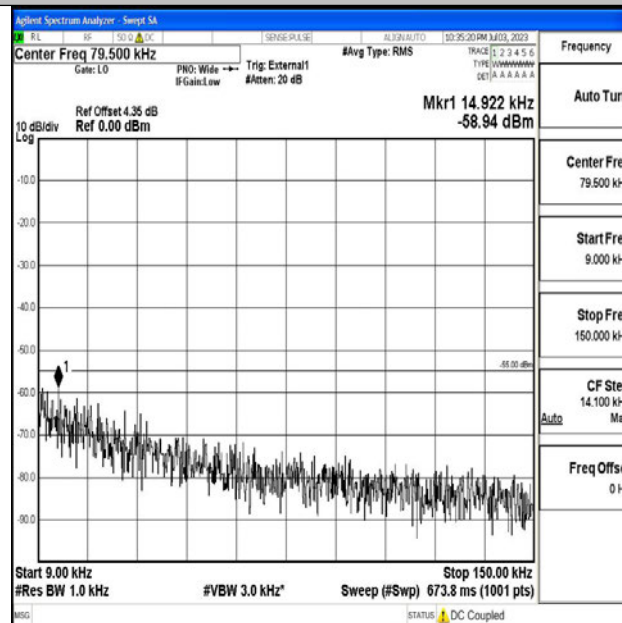


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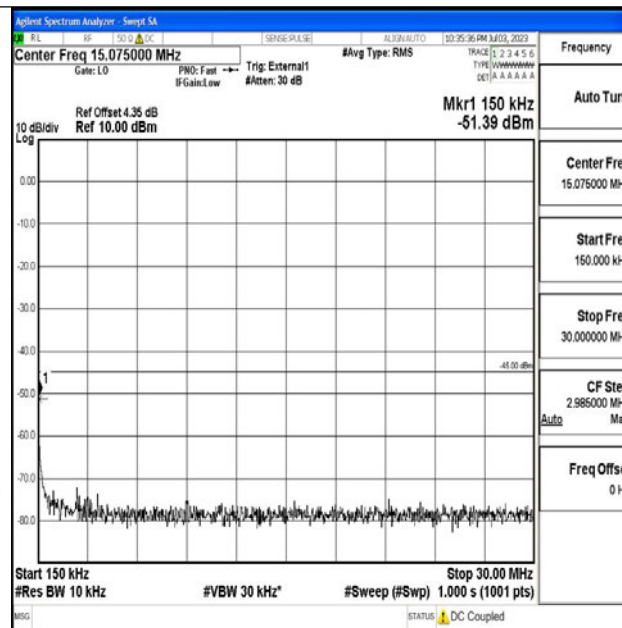


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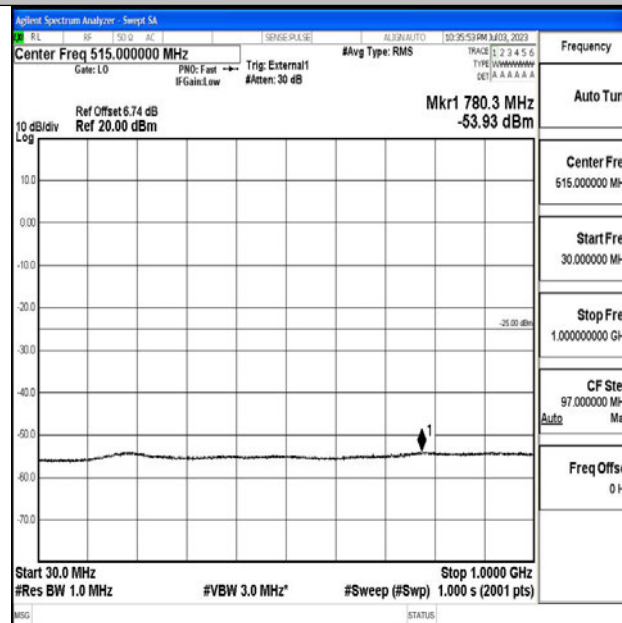


Band38_5MHz_16QAM_37775_1RB#0_0.009~0.15_0.009~0.15





Band38_5MHz_16QAM_37775_1RB#0_0.15~30_0.15~30



Band38_5MHz_16QAM_37775_1RB#0_30~1000_30~1000

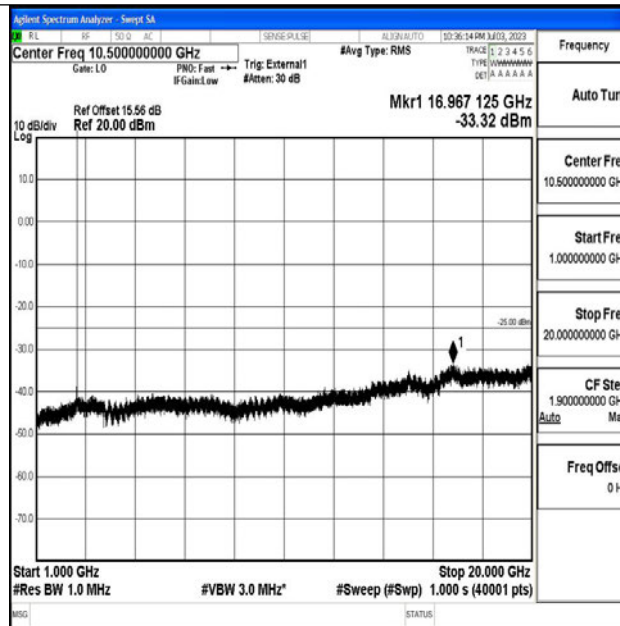


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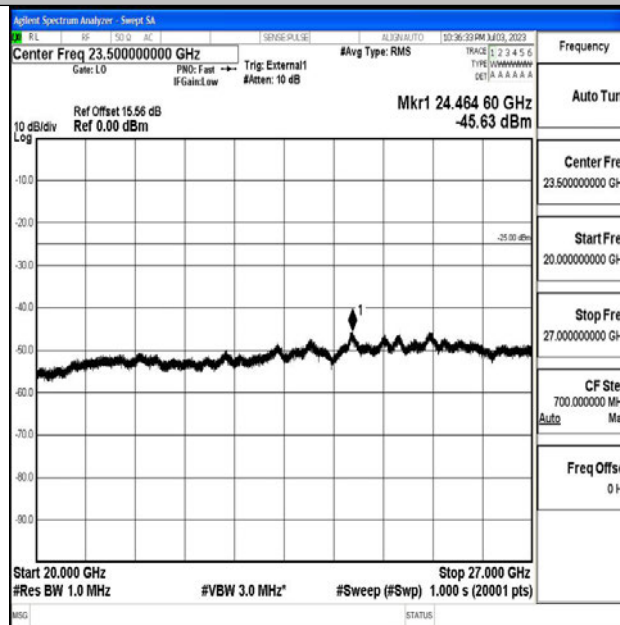
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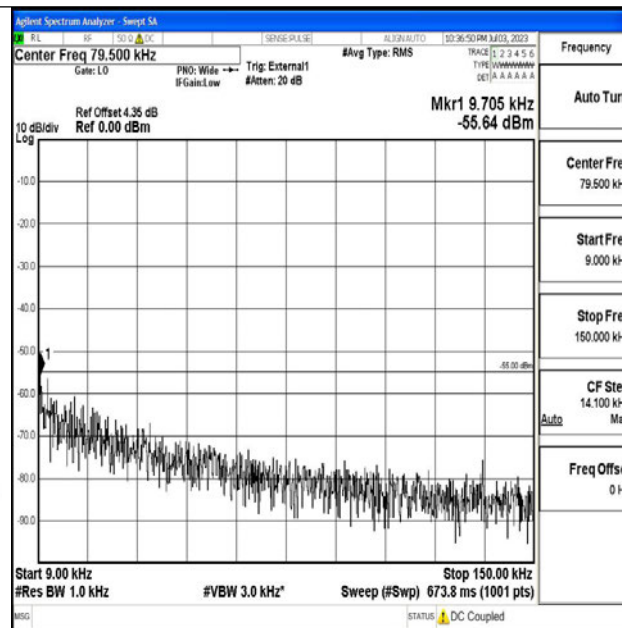


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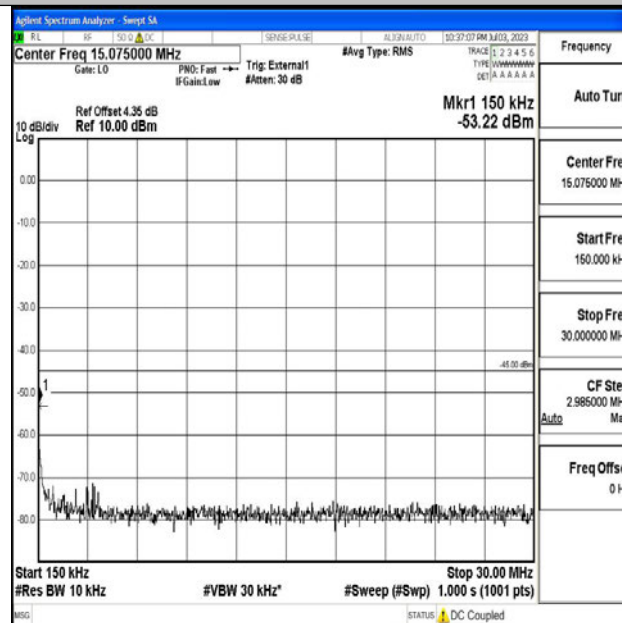


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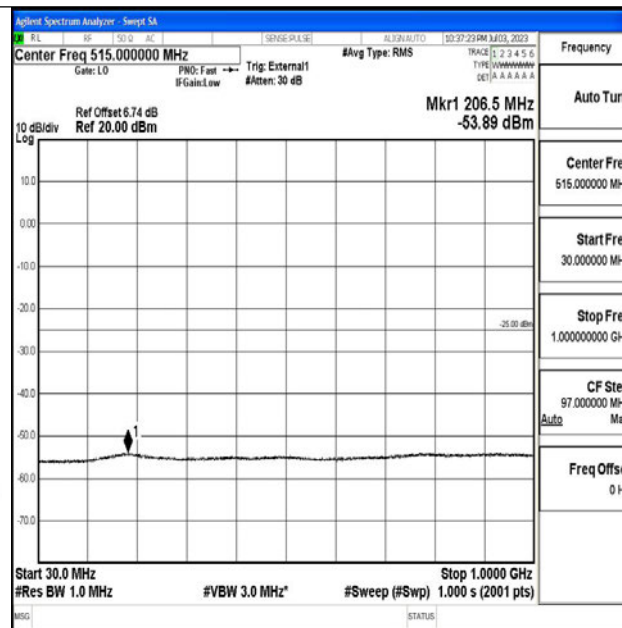


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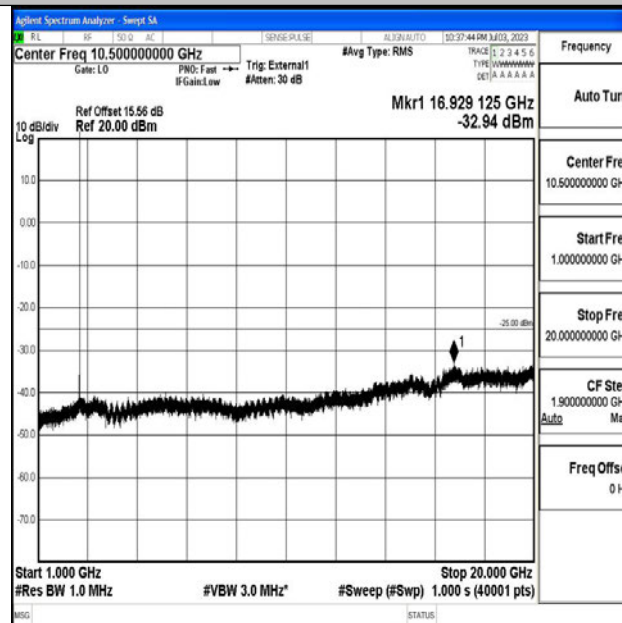


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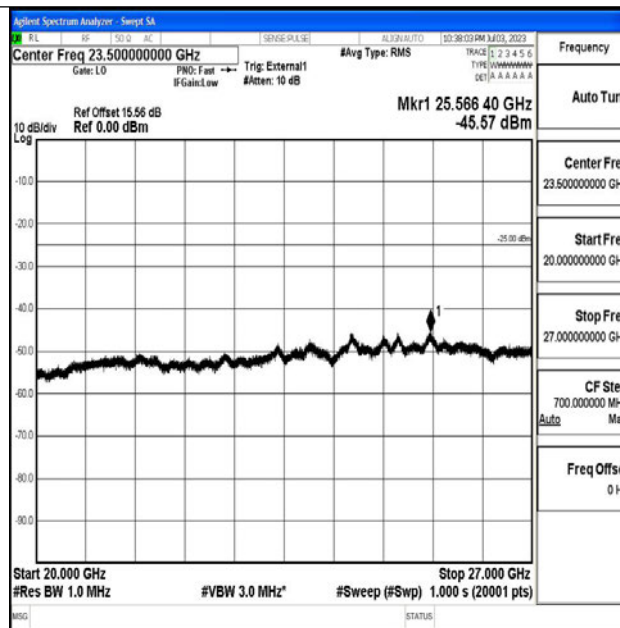


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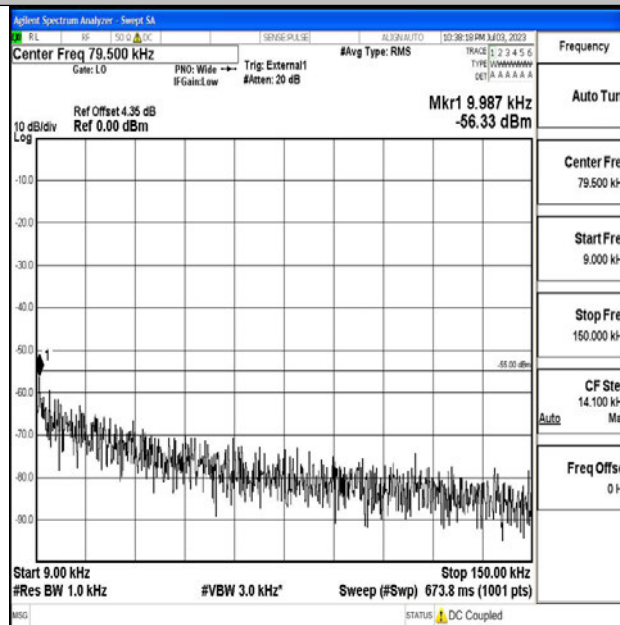


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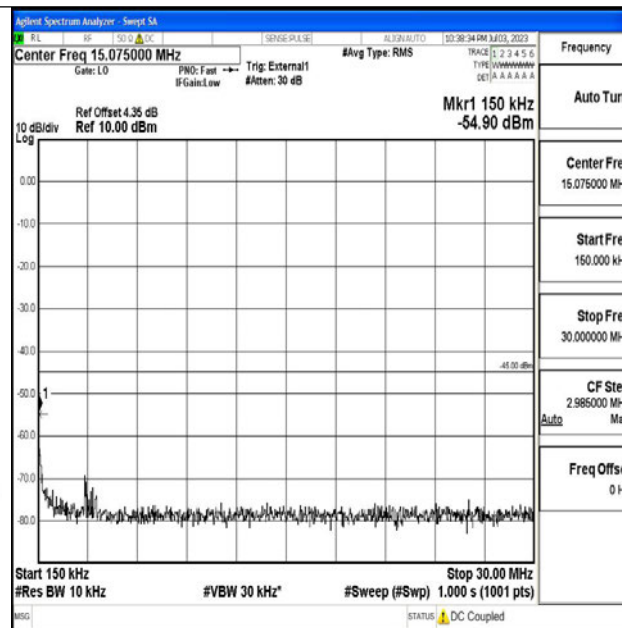


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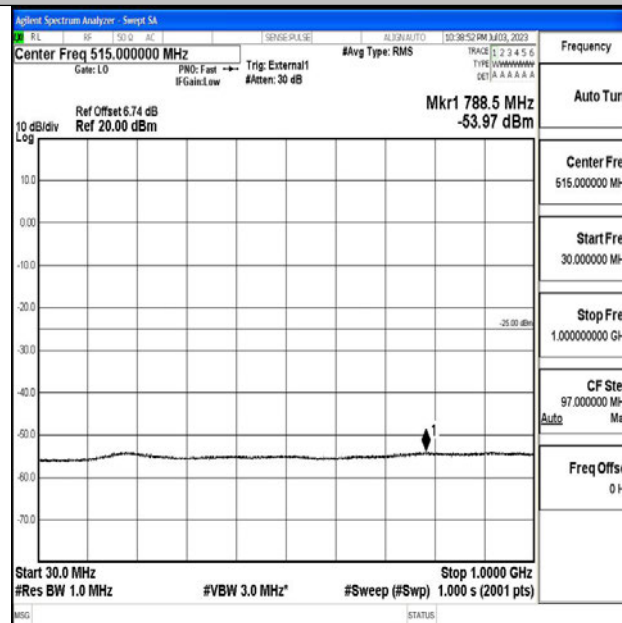


Band38_5MHz_16QAM_38000_1RB#0_0.009~0.15_0.009~0.15





Band38_5MHz_16QAM_38000_1RB#0_0.15~30_0.15~30



Band38_5MHz_16QAM_38000_1RB#0_30~1000_30~1000

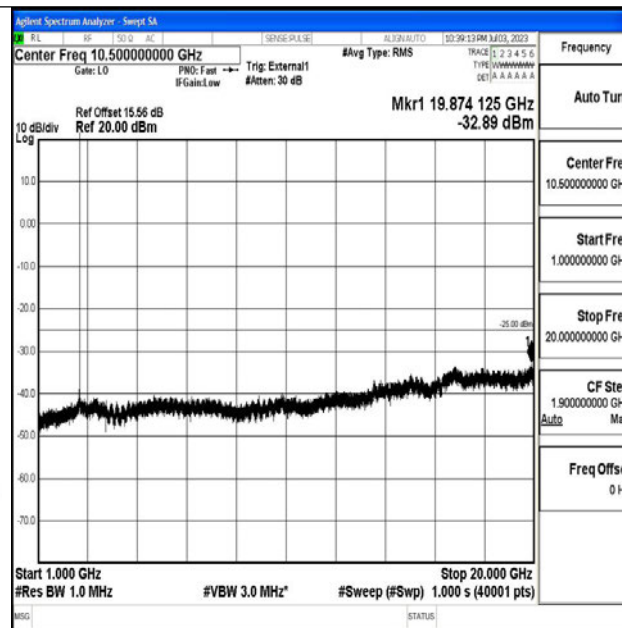


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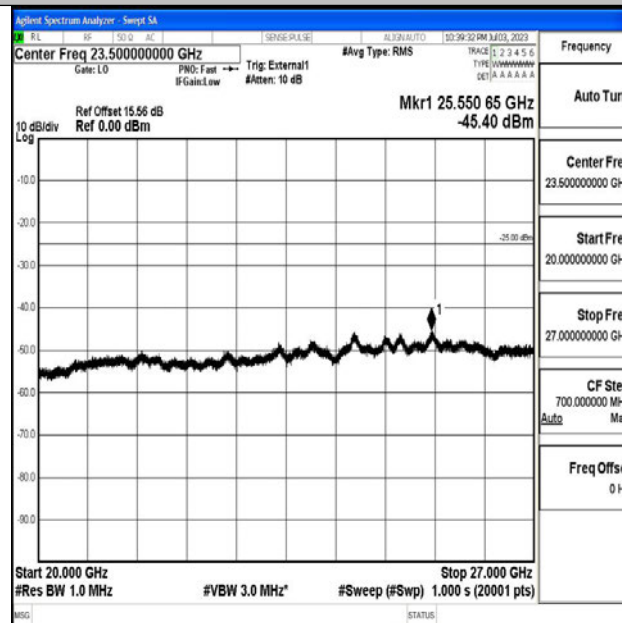
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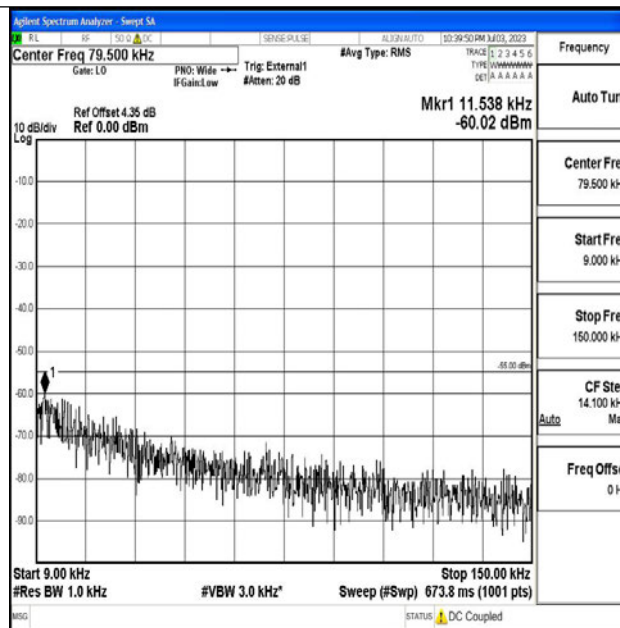


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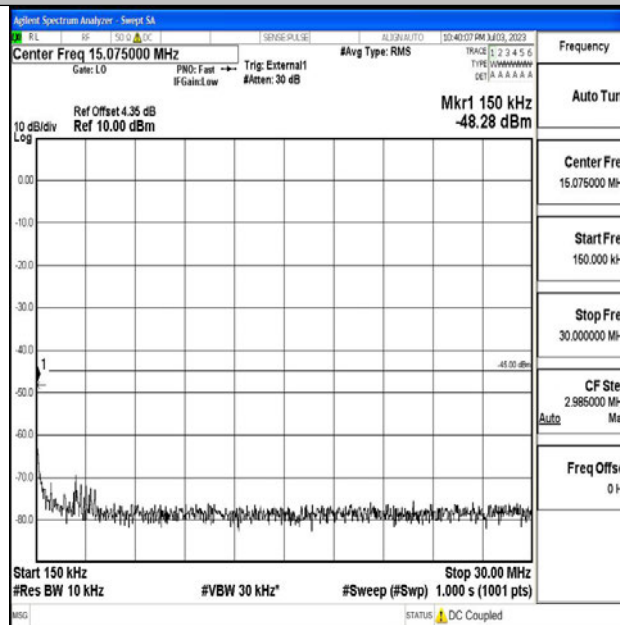


Band38_5MHz_16QAM_38000_1RB#0_20000~27000_20000~27000





Band38_5MHz_QPSK_38225_1RB#0_0.009~0.15_0.009~0.15



Band38_5MHz_QPSK_38225_1RB#0_0.15~30_0.15~30

