



Appendix J: Test Data for E-UTRA Band 7

Product Name: Volla Phone Quintus

Test Model: Quintus

Environmental Conditions

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





J.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.11	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.63	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.11	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.50	PASS
Band7	5MHz	QPSK	20775	1RB#24	21.98	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.42	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.30	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.39	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.38	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.37	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.33	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.31	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.33	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.32	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.74	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.37	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.67	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.32	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.62	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.32	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.88	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.87	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.87	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.86	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.84	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.84	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.83	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.04	PASS
Band7	5MHz	QPSK	21425	1RB#0	21.61	PASS
Band7	5MHz	16QAM	21425	1RB#0	20.85	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.14	PASS
Band7	5MHz	16QAM	21425	1RB#12	20.85	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.20	PASS
Band7	5MHz	16QAM	21425	1RB#24	20.79	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.31	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.37	PASS





Band7	5MHz	QPSK	21425	12RB#6	21.36	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.35	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.35	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.26	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.26	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.57	PASS
Band7	10MHz	QPSK	20800	1RB#0	21.74	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.70	PASS
Band7	10MHz	QPSK	20800	1RB#24	21.94	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.95	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.55	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.28	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.82	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.82	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.82	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.81	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.33	PASS
Band7	10MHz	16QAM	20800	25RB#25	22.31	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.06	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.40	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.51	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.98	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.53	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.96	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.50	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.93	PASS
Band7	10MHz	QPSK	21100	25RB#0	22.80	PASS
Band7	10MHz	16QAM	21100	25RB#0	22.81	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.81	PASS
Band7	10MHz	16QAM	21100	25RB#12	22.81	PASS
Band7	10MHz	QPSK	21100	25RB#25	22.73	PASS
Band7	10MHz	16QAM	21100	25RB#25	22.71	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.74	PASS
Band7	10MHz	16QAM	21100	50RB#0	22.02	PASS
Band7	10MHz	QPSK	21400	1RB#0	21.28	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.04	PASS
Band7	10MHz	QPSK	21400	1RB#24	21.79	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.61	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.72	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.32	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.48	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.45	PASS





Band7	10MHz	QPSK	21400	25RB#12	21.45	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.44	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.34	PASS
Band7	10MHz	16QAM	21400	25RB#25	22.35	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.90	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.56	PASS
Band7	15MHz	QPSK	20825	1RB#0	21.69	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.65	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.12	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.13	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.34	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.37	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.14	PASS
Band7	15MHz	16QAM	20825	38RB#0	22.13	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.13	PASS
Band7	15MHz	16QAM	20825	38RB#18	22.13	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.12	PASS
Band7	15MHz	16QAM	20825	38RB#37	22.12	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.12	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.36	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.33	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.94	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.36	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.92	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.18	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.93	PASS
Band7	15MHz	QPSK	21100	38RB#0	22.83	PASS
Band7	15MHz	16QAM	21100	38RB#0	22.84	PASS
Band7	15MHz	QPSK	21100	38RB#18	22.84	PASS
Band7	15MHz	16QAM	21100	38RB#18	22.84	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.84	PASS
Band7	15MHz	16QAM	21100	38RB#37	22.84	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.84	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.99	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.76	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.45	PASS
Band7	15MHz	QPSK	21375	1RB#38	21.42	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.21	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.29	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.08	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.68	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.66	PASS





Band7	15MHz	QPSK	21375	38RB#18	21.66	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.65	PASS
Band7	15MHz	QPSK	21375	38RB#37	21.65	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.65	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.65	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.66	PASS
Band7	20MHz	QPSK	20850	1RB#0	21.73	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.57	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.37	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.97	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.77	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.30	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.82	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.82	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.82	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.82	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.58	PASS
Band7	20MHz	16QAM	20850	50RB#50	22.56	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.20	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.57	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.14	PASS
Band7	20MHz	16QAM	21100	1RB#0	23.16	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.80	PASS
Band7	20MHz	16QAM	21100	1RB#49	23.31	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.66	PASS
Band7	20MHz	16QAM	21100	1RB#99	23.39	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.85	PASS
Band7	20MHz	16QAM	21100	50RB#0	22.86	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.86	PASS
Band7	20MHz	16QAM	21100	50RB#25	22.86	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.86	PASS
Band7	20MHz	16QAM	21100	50RB#50	22.87	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.96	PASS
Band7	20MHz	16QAM	21100	100RB#0	22.05	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.68	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.47	PASS
Band7	20MHz	QPSK	21350	1RB#49	21.31	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.18	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.76	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.46	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.84	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.82	PASS





Band7	20MHz	QPSK	21350	50RB#25	21.82	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.81	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.94	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.94	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.85	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.69	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.46	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.06	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.08	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.81	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.21	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.13	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.06	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.78	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.50	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	4.69	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.66	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.32	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.34	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	4.63	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	4.92	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.60	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.05	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	4.76	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.08	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.87	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.61	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	4.95	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.86	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.34	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	5.53	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.86	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.13	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.95	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	5.43	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.71	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.08	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	5.92	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	5.43	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.46	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.34	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	4.75	13	PASS



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Scan code to check authenticity



Band7	20MHz	QPSK	20850	100RB#0	4.83	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.57	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.08	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	4.81	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	4.94	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.80	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.54	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	4.99	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.68	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	4.90	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.01	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.31	13	PASS



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Test Graphs

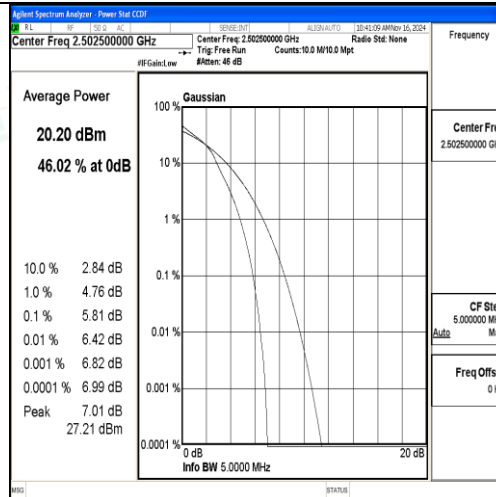


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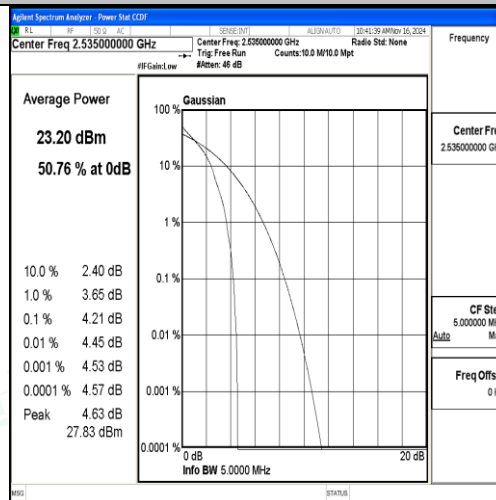
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

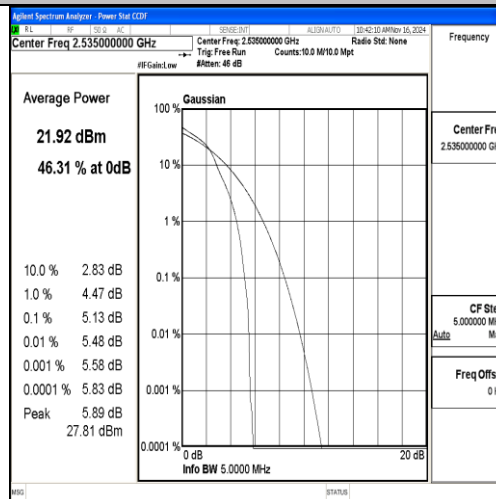
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Band7-5MHz-16QAM-20775-25RB#0-PASS



Band7-5MHz-QPSK-21100-1RB#0-PASS



Band7-5MHz-16QAM-21100-1RB#0-PASS



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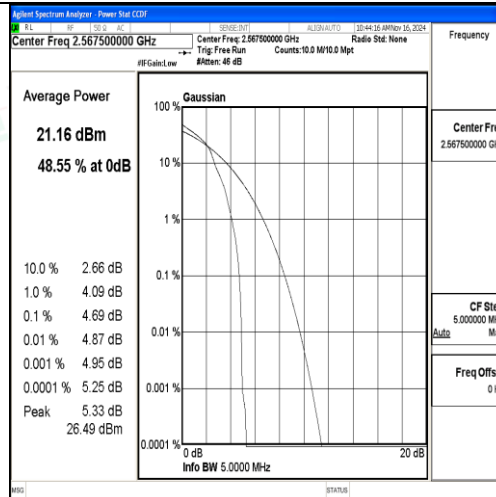


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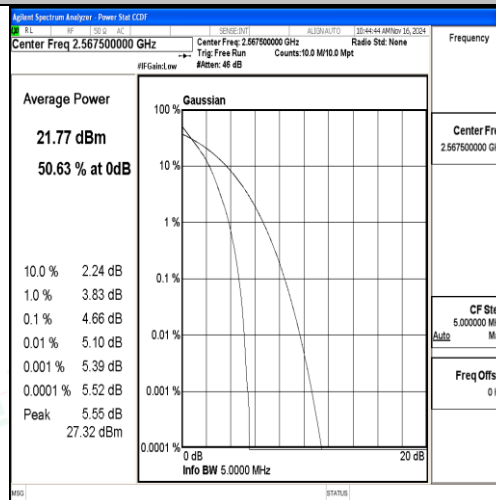
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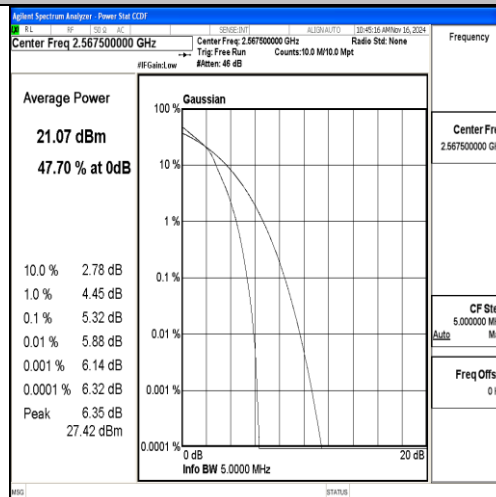
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Band7-5MHz-16QAM-21425-1RB#0-PASS



Band7-5MHz-QPSK-21425-25RB#0-PASS



Band7-5MHz-16QAM-21425-25RB#0-PASS

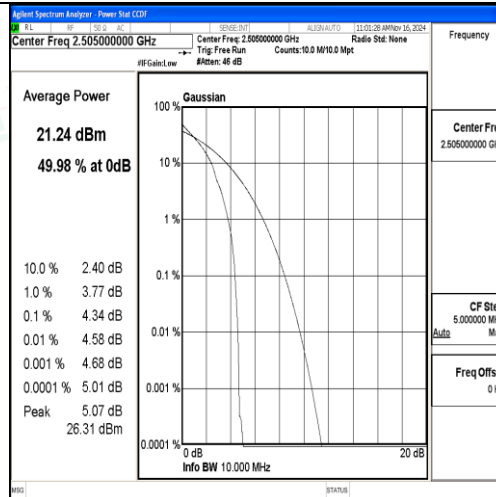


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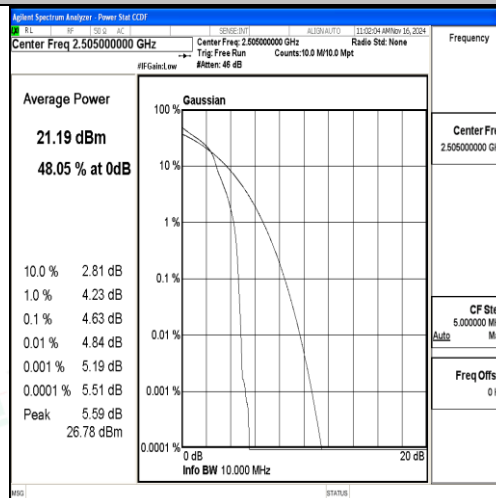
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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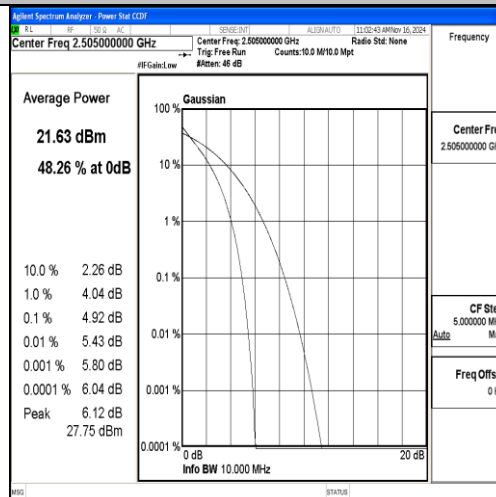
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Band7-10MHz-QPSK-20800-1RB#0-PASS



Band7-10MHz-16QAM-20800-1RB#0-PASS



Band7-10MHz-QPSK-20800-50RB#0-PASS

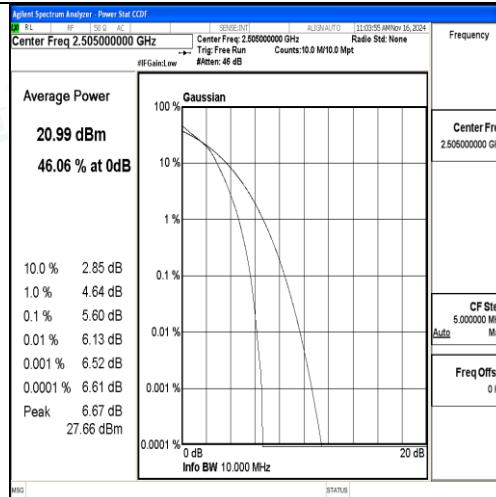


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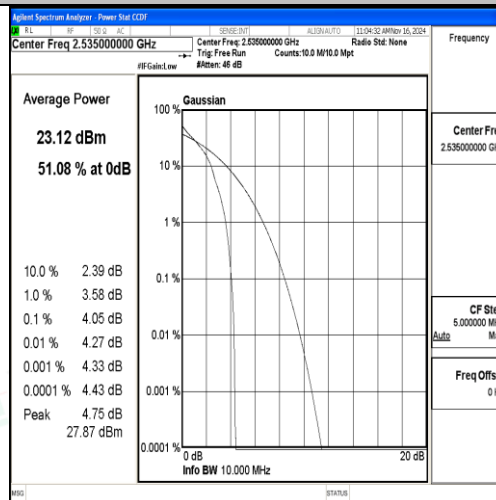
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

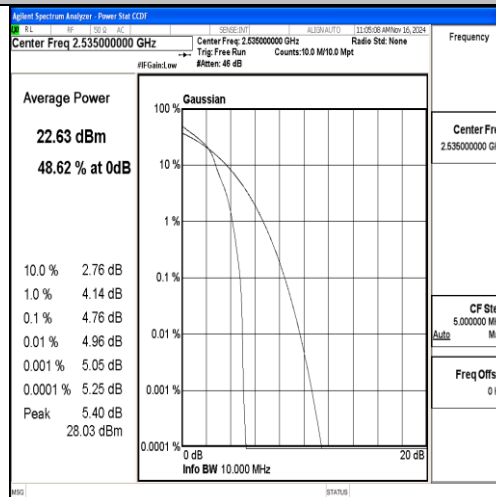
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Band7-10MHz-16QAM-20800-50RB#0-PASS



Band7-10MHz-QPSK-21100-1RB#0-PASS



Band7-10MHz-16QAM-21100-1RB#0-PASS

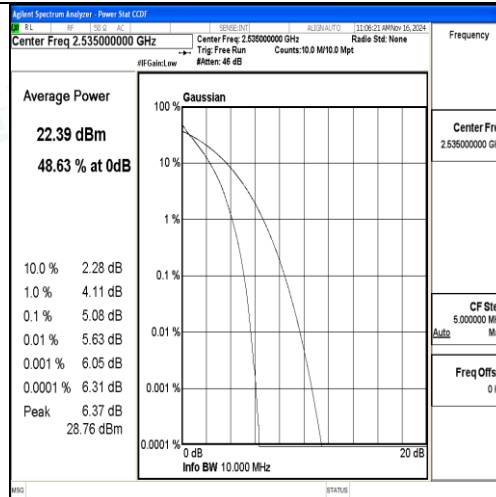


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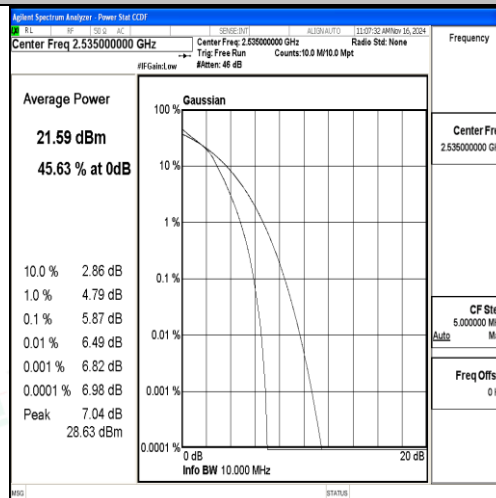
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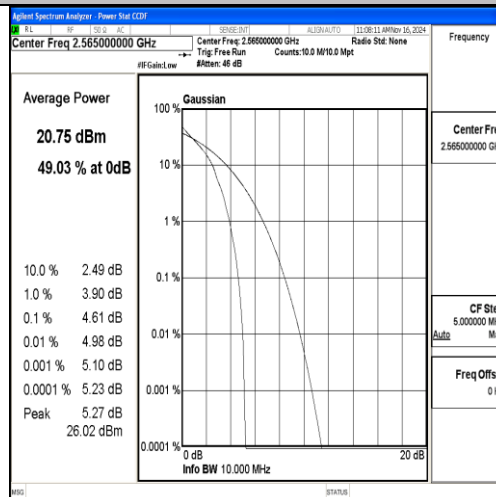
Scan code to check authenticity



Band7-10MHz-QPSK-21100-50RB#0-PASS



Band7-10MHz-16QAM-21100-50RB#0-PASS



Band7-10MHz-QPSK-21400-1RB#0-PASS

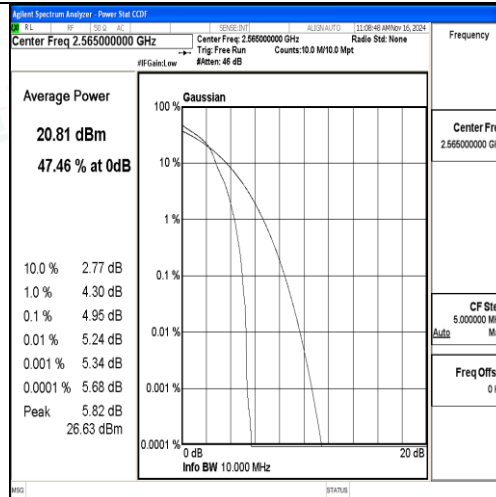


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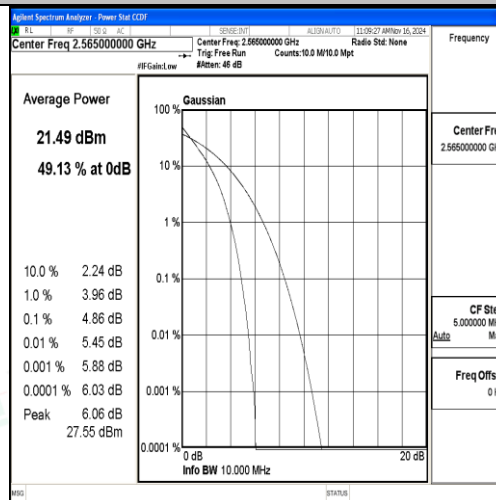
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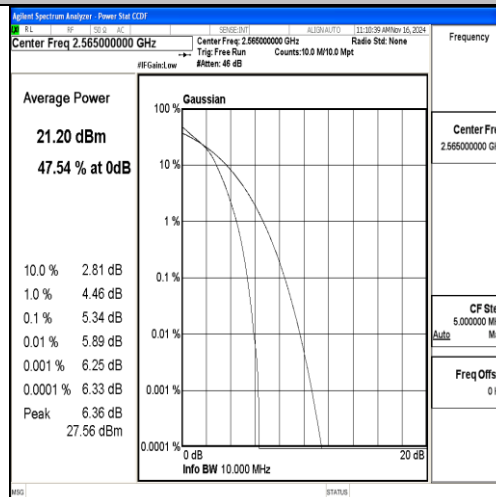
Scan code to check authenticity



Band7-10MHz-16QAM-21400-1RB#0-PASS



Band7-10MHz-QPSK-21400-50RB#0-PASS



Band7-10MHz-16QAM-21400-50RB#0-PASS

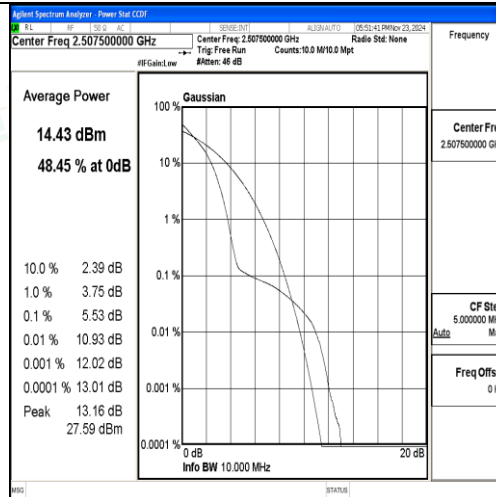


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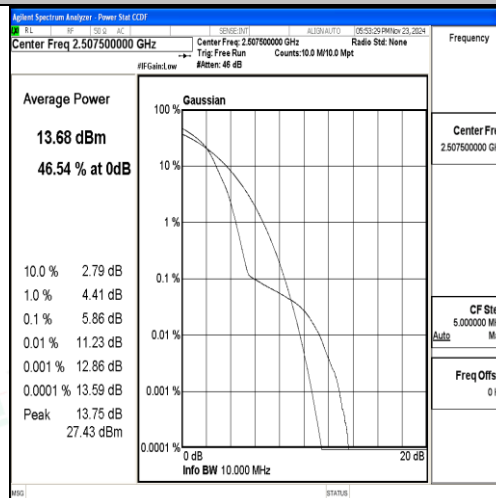
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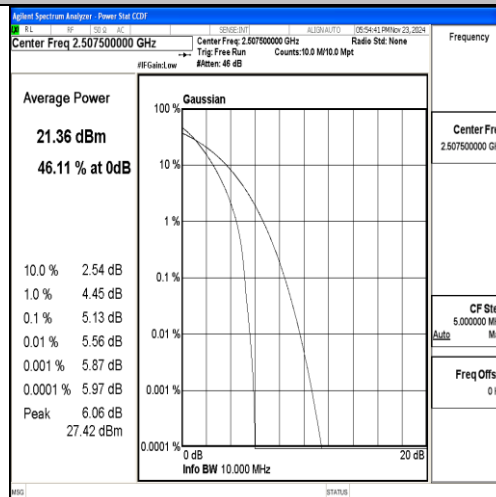
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Band7-15MHz-QPSK-20825-1RB#0-PASS



Band7-15MHz-16QAM-20825-1RB#0-PASS



Band7-15MHz-QPSK-20825-75RB#0-PASS

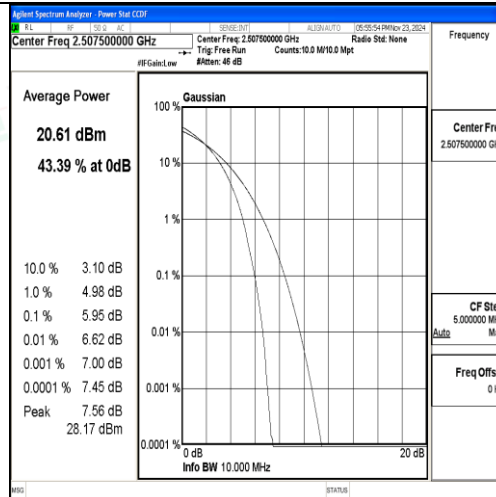


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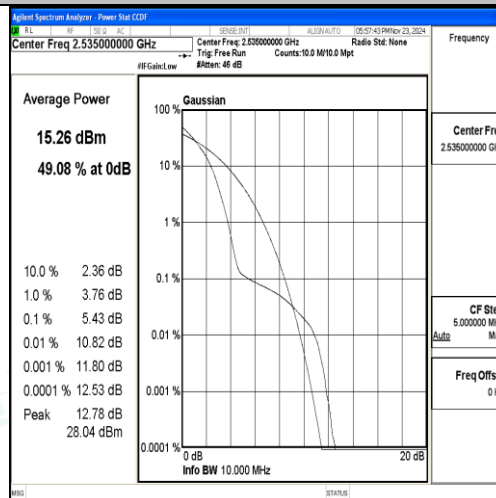
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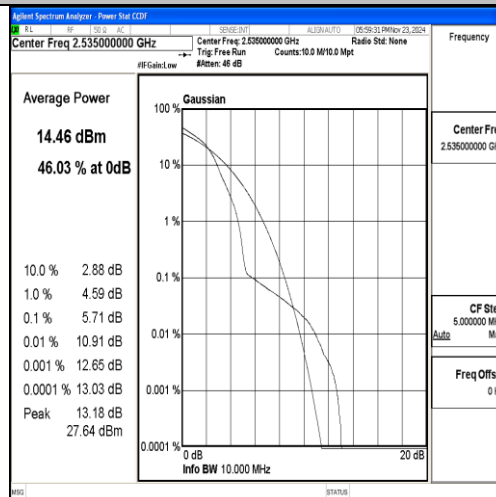
Scan code to check authenticity



Band7-15MHz-16QAM-20825-75RB#0-PASS



Band7-15MHz-QPSK-21100-1RB#0-PASS



Band7-15MHz-16QAM-21100-1RB#0-PASS

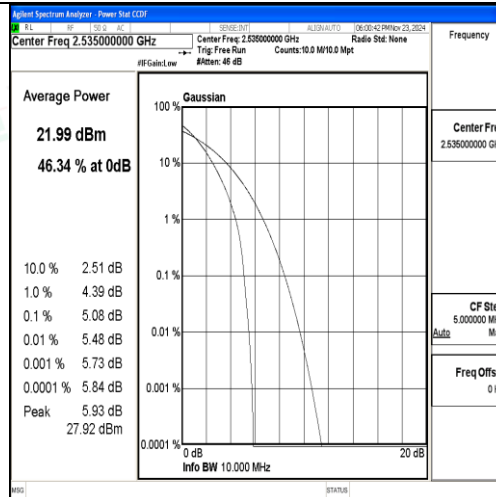


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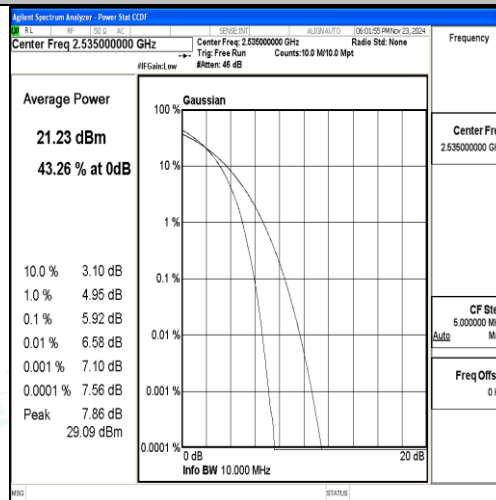
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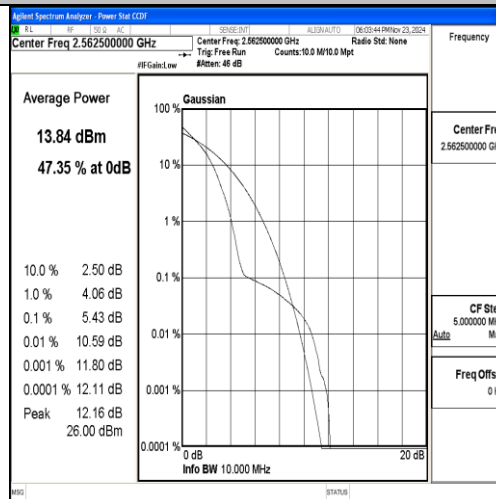
Scan code to check authenticity



Band7-15MHz-QPSK-21100-75RB#0-PASS



Band7-15MHz-16QAM-21100-75RB#0-PASS



Band7-15MHz-QPSK-21375-1RB#0-PASS

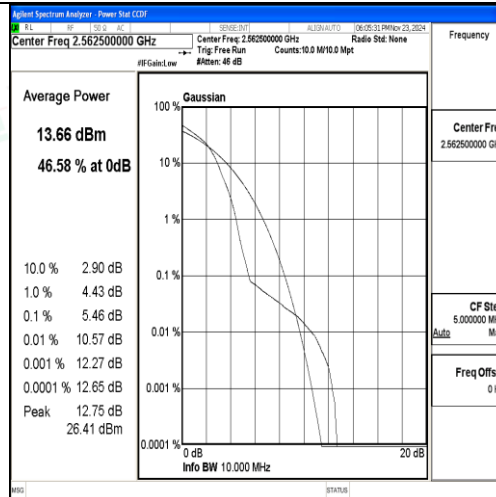


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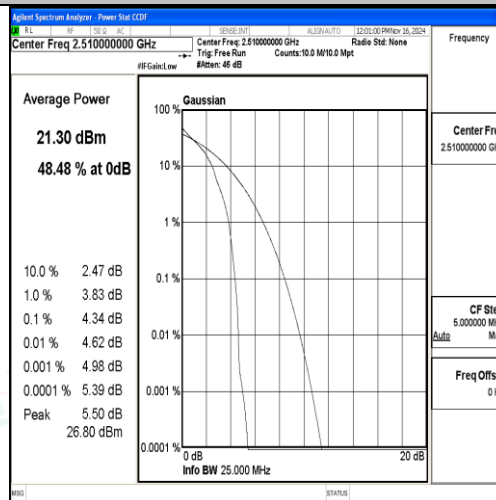
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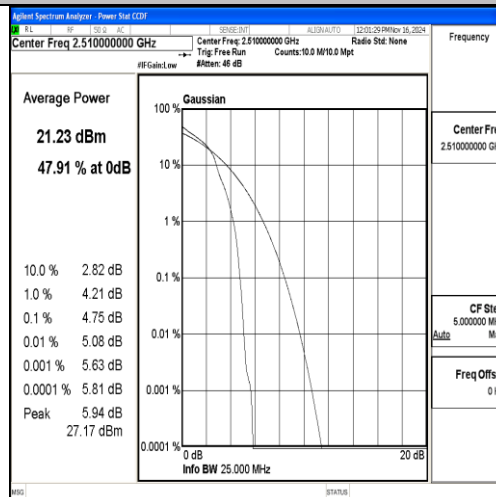
Scan code to check authenticity



Band7-15MHz-16QAM-21375-1RB#0-PASS



Band7-20MHz-QPSK-20850-1RB#0-PASS



Band7-20MHz-16QAM-20850-1RB#0-PASS

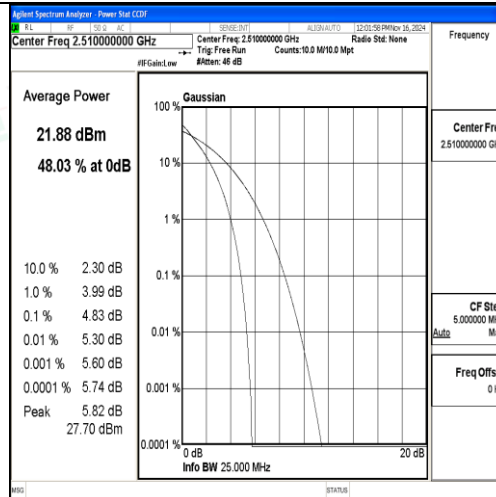


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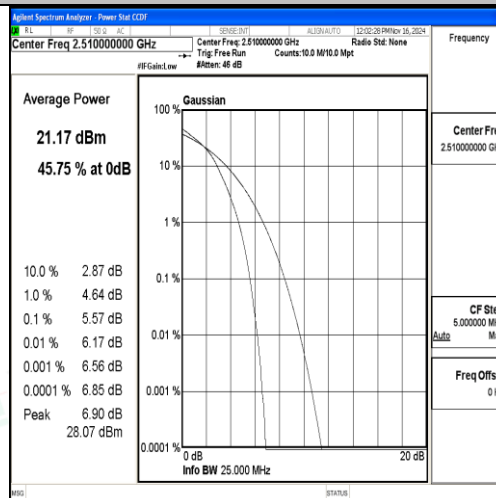
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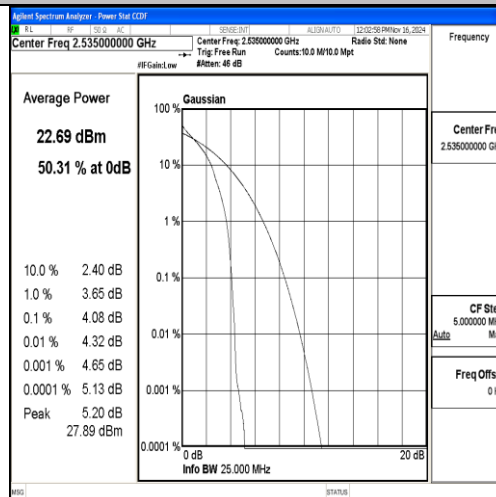
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Band7-20MHz-QPSK-20850-100RB#0-PASS



Band7-20MHz-16QAM-20850-100RB#0-PASS



Band7-20MHz-QPSK-21100-1RB#0-PASS

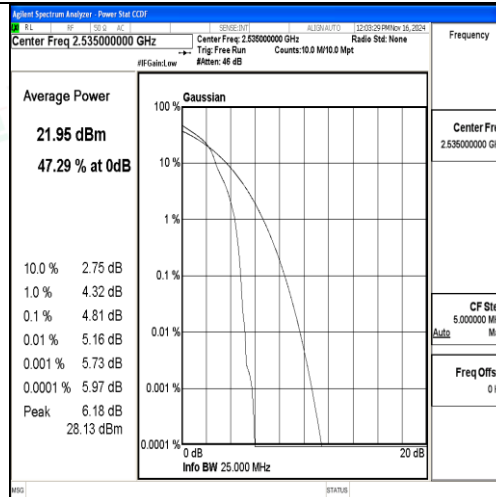


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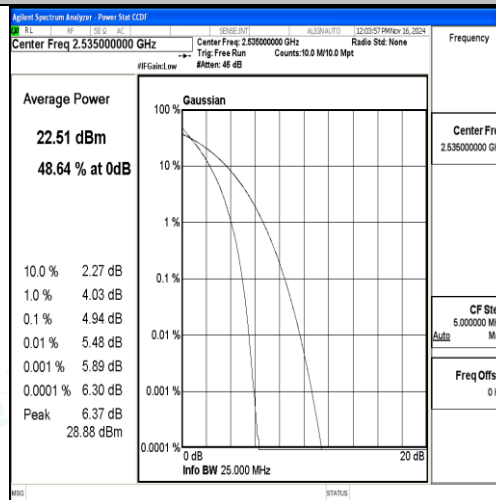
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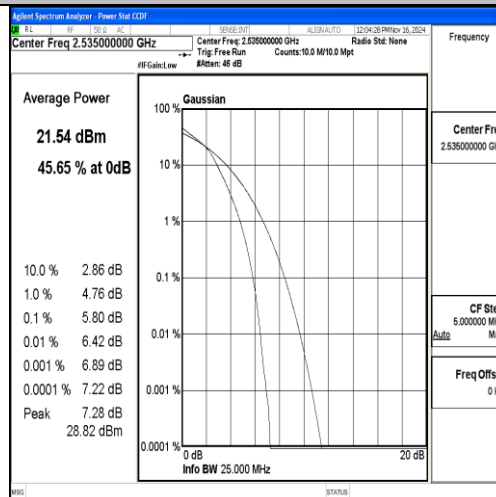
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Band7-20MHz-QPSK-21100-100RB#0-PASS



Band7-20MHz-16QAM-21100-100RB#0-PASS

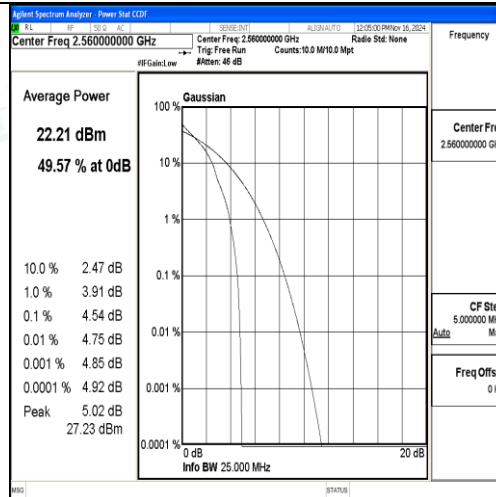


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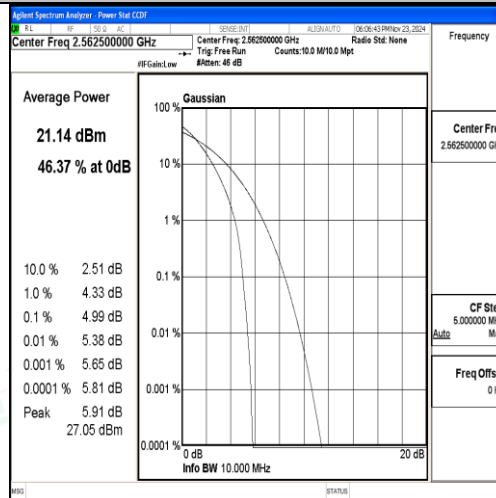
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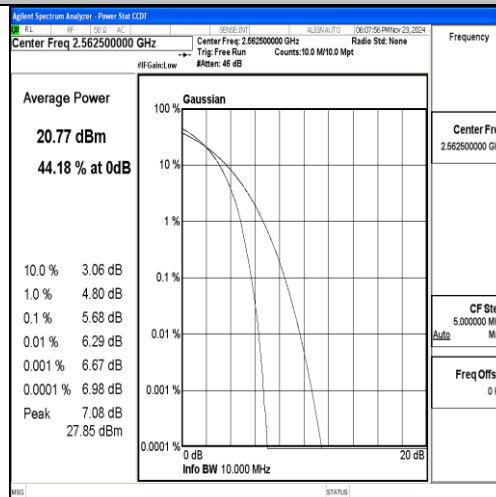
Scan code to check authenticity



Band7-20MHz-QPSK-21350-1RB#0-PASS



Band7-15MHz-QPSK-21375-75RB#0-PASS



Band7-15MHz-16QAM-21375-75RB#0-PASS

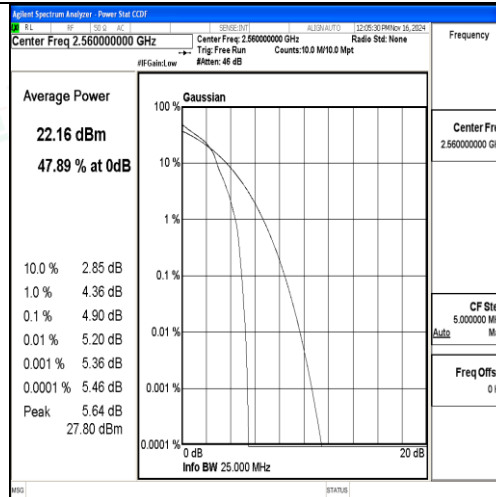


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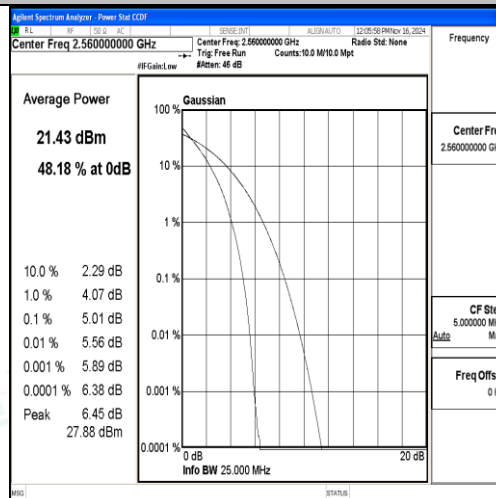
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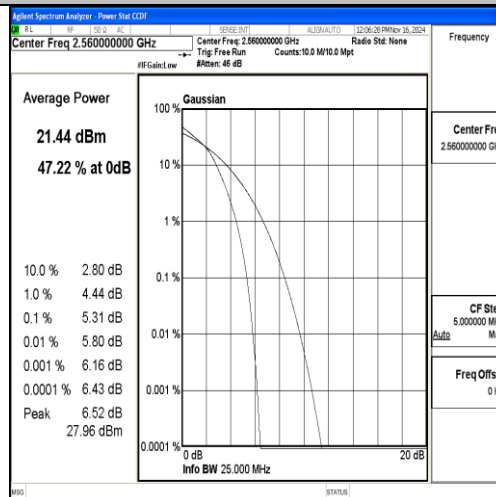
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Band7-20MHz-16QAM-21350-1RB#0-PASS



Band7-20MHz-QPSK-21350-100RB#0-PASS



Band7-20MHz-16QAM-21350-100RB#0-PASS



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J.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5251	5.452	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5389	5.365	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5219	5.250	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5518	5.421	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5285	5.333	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5230	5.283	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9931	10.12	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.0178	10.15	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9934	10.12	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0005	10.22	PASS
Band7	10MHz	QPSK	21400	50RB#0	9.0184	10.28	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0132	10.65	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.526	15.57	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.520	15.10	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.505	15.55	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.506	14.88	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.507	15.43	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.541	15.26	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.019	19.94	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.002	20.04	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.997	20.19	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.015	20.20	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.091	20.17	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.133	20.65	PASS





Test Graphs

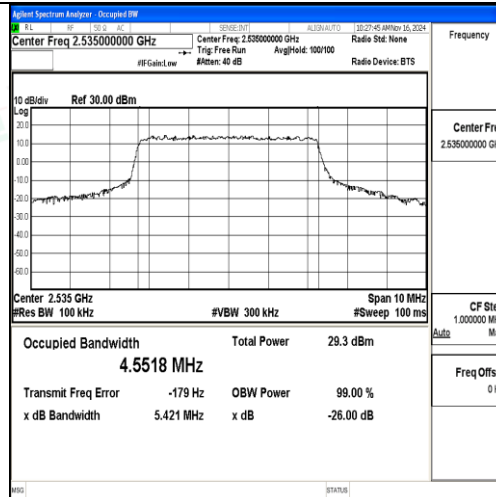


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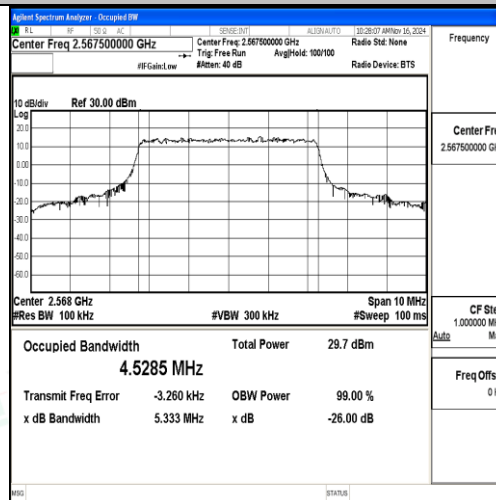
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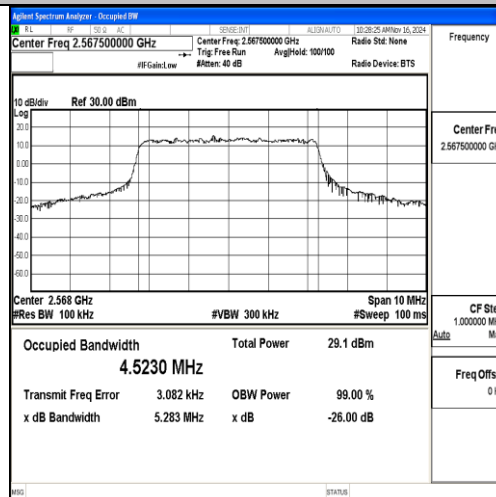
Scan code to check authenticity



Band7-5MHz-16QAM-21100-25RB#0-PASS



Band7-5MHz-QPSK-21425-25RB#0-PASS



Band7-5MHz-16QAM-21425-25RB#0-PASS

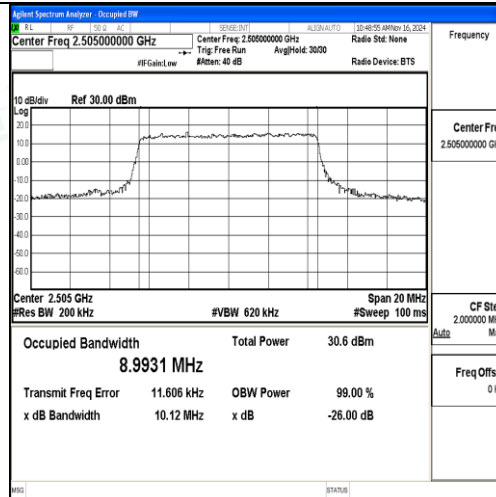


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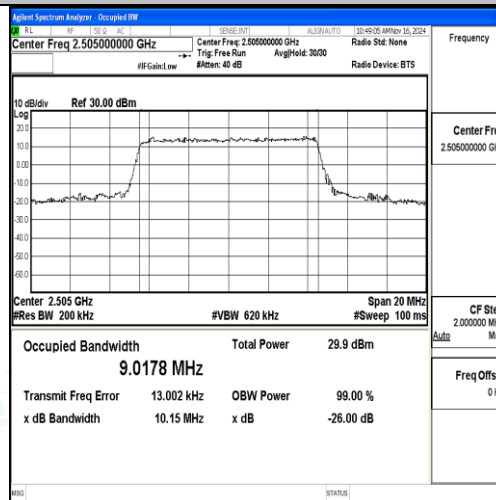
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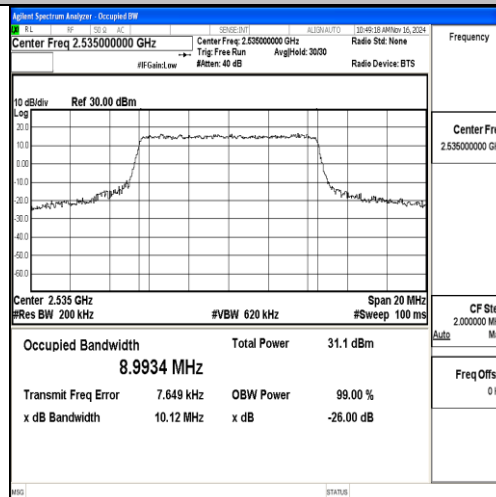
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Band7-10MHz-QPSK-20800-50RB#0-PASS



Band7-10MHz-16QAM-20800-50RB#0-PASS



Band7-10MHz-QPSK-21100-50RB#0-PASS

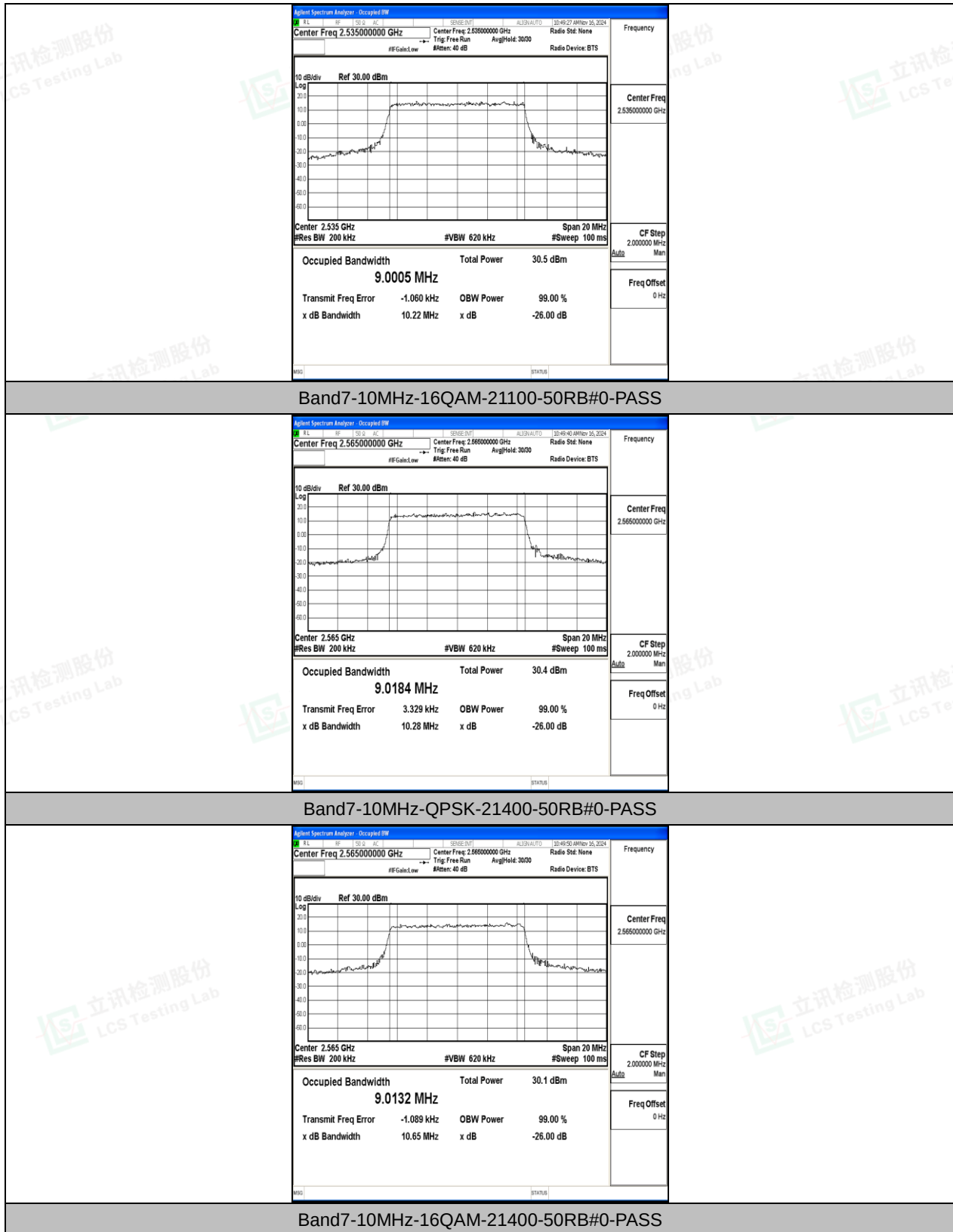


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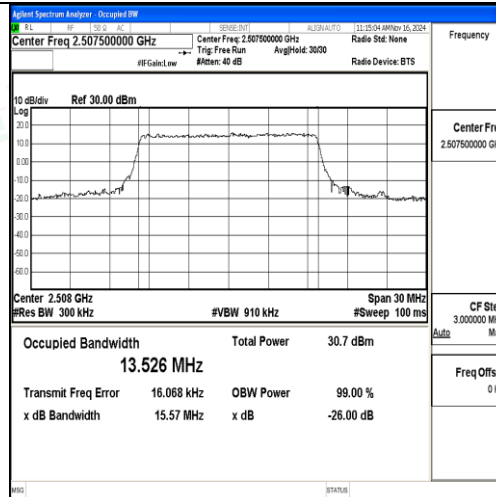


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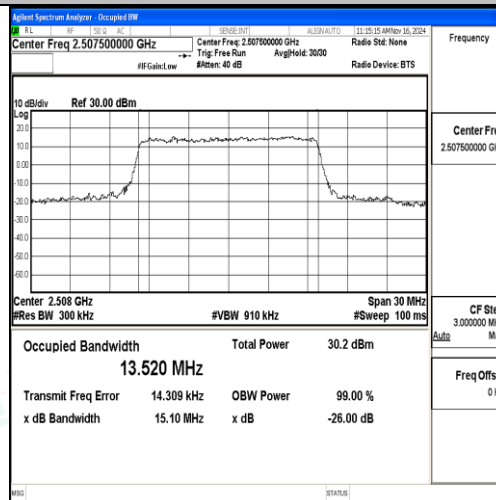
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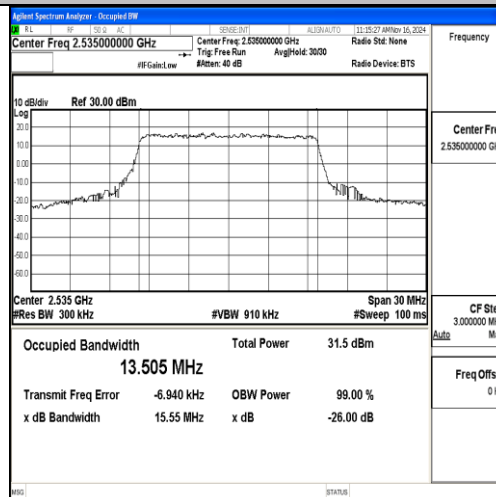
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Band7-15MHz-QPSK-20825-75RB#0-PASS



Band7-15MHz-16QAM-20825-75RB#0-PASS



Band7-15MHz-QPSK-21100-75RB#0-PASS

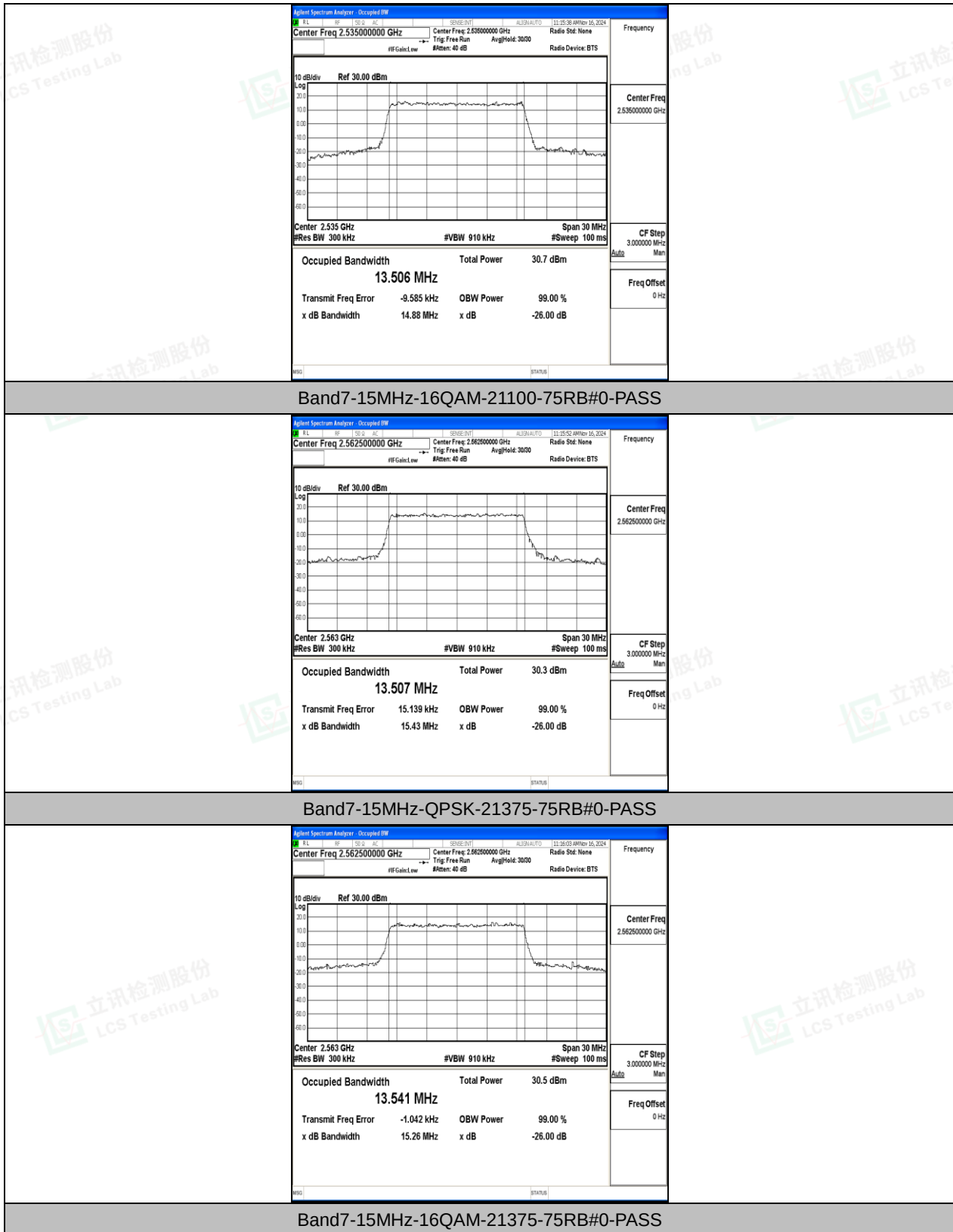


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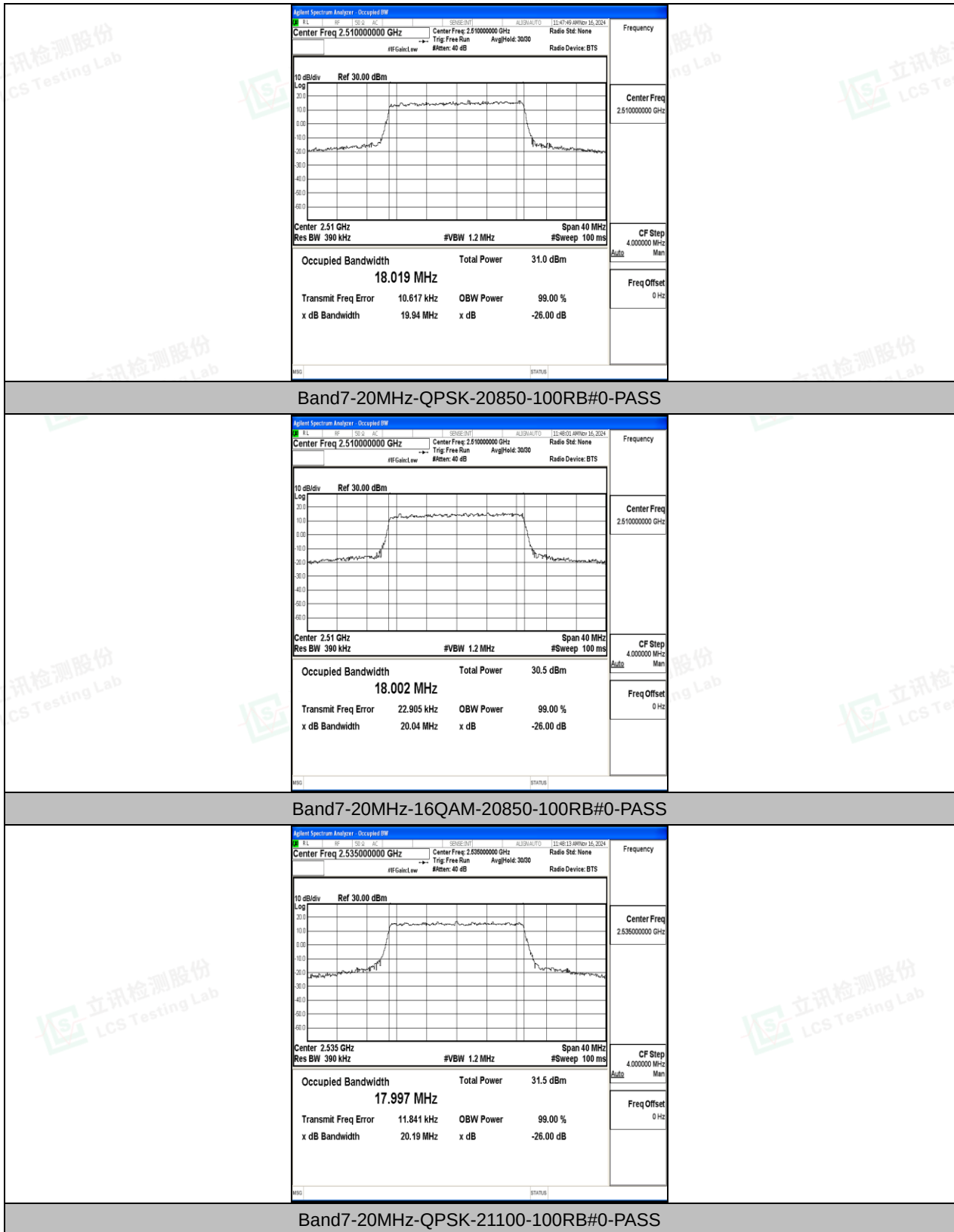


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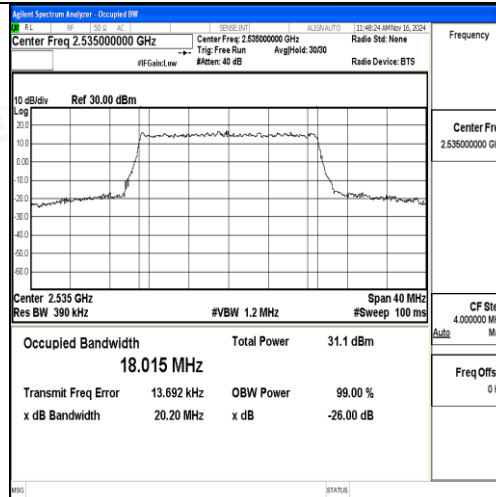


Shenzhen LCS Compliance Testing Laboratory Ltd.

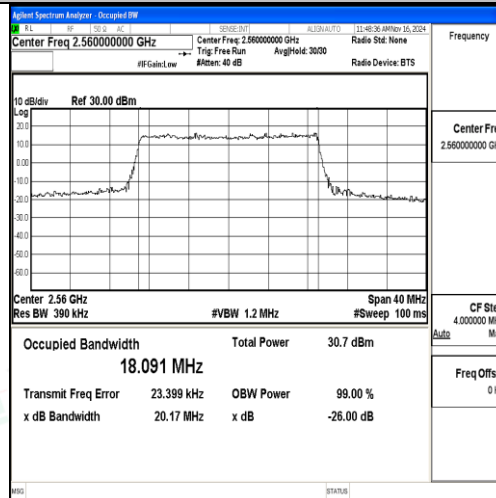
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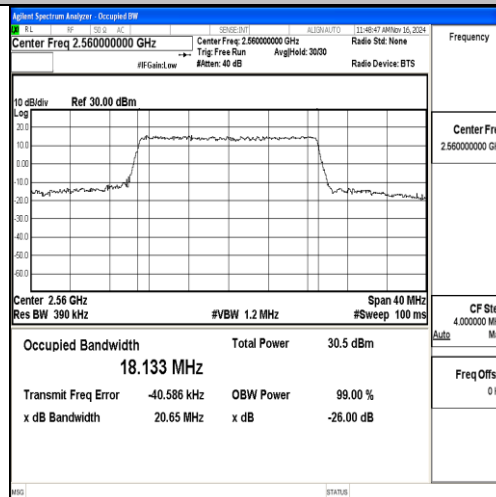
Scan code to check authenticity



Band7-20MHz-16QAM-21100-100RB#0-PASS



Band7-20MHz-QPSK-21350-100RB#0-PASS



Band7-20MHz-16QAM-21350-100RB#0-PASS



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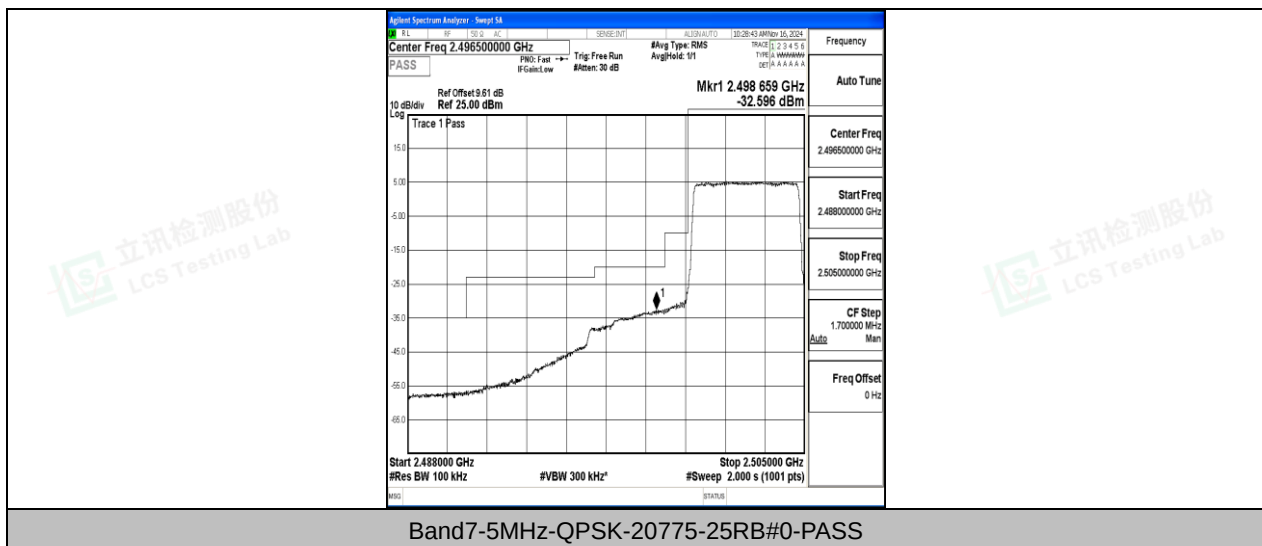


J.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	2498.66	-32.60	PASS
Band7	5MHz	16QAM	20775	25RB#0	2498.97	-33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	2576.09	-45.38	PASS
Band7	5MHz	16QAM	21425	25RB#0	2576.06	-45.25	PASS
Band7	10MHz	QPSK	20800	50RB#0	2494.85	-33.57	PASS
Band7	10MHz	16QAM	20800	50RB#0	2490.00	-46.08	PASS
Band7	10MHz	QPSK	21400	50RB#0	2571.23	-29.93	PASS
Band7	10MHz	16QAM	21400	50RB#0	2580.10	-43.47	PASS
Band7	15MHz	QPSK	20825	75RB#0	2493.69	-31.75	PASS
Band7	15MHz	16QAM	20825	75RB#0	2494.67	-33.11	PASS
Band7	15MHz	QPSK	21375	75RB#0	2575.13	-33.63	PASS
Band7	15MHz	16QAM	21375	75RB#0	2575.37	-31.76	PASS
Band7	20MHz	QPSK	20850	100RB#0	2494.98	-33.46	PASS
Band7	20MHz	16QAM	20850	100RB#0	2494.98	-35.16	PASS
Band7	20MHz	QPSK	21350	100RB#0	2575.07	-35.41	PASS
Band7	20MHz	16QAM	21350	100RB#0	2575.52	-33.28	PASS

Test Graphs

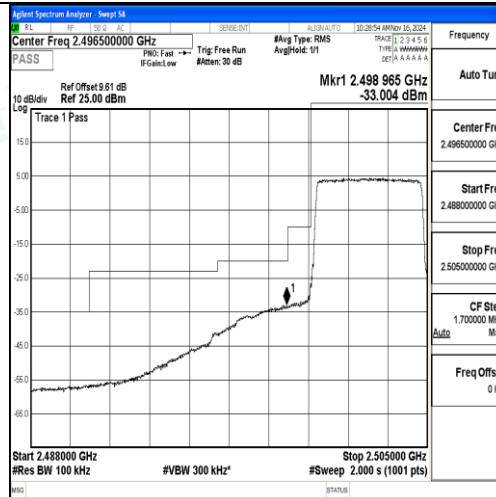


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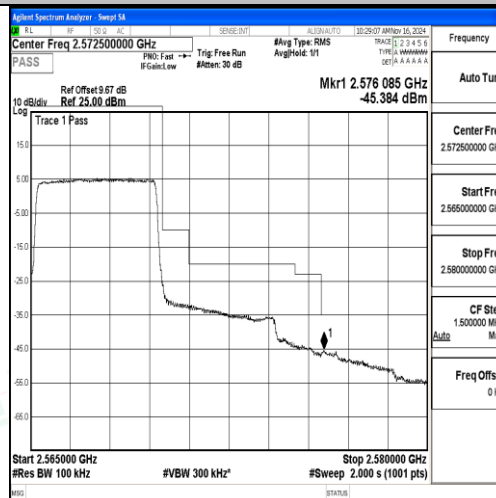
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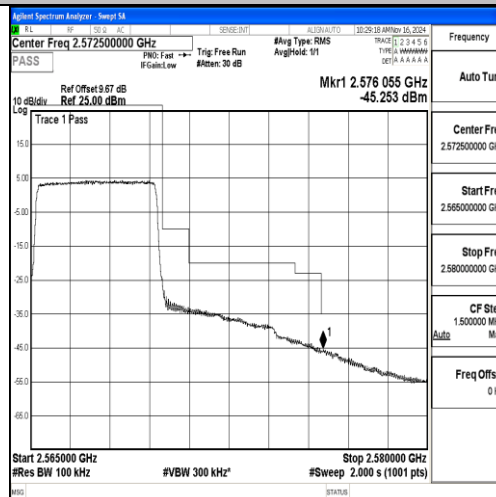
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Band7-5MHz-16QAM-20775-25RB#0-PASS



Band7-5MHz-QPSK-21425-25RB#0-PASS



Band7-5MHz-16QAM-21425-25RB#0-PASS

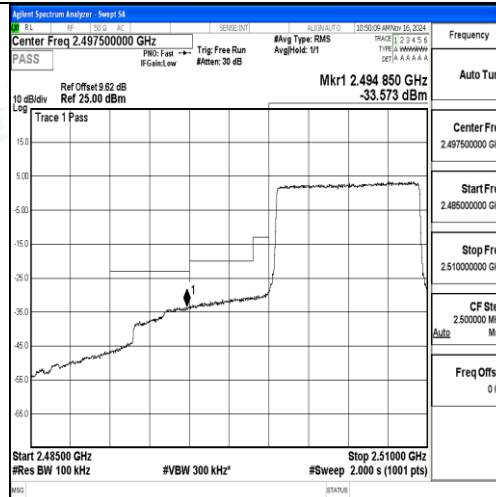


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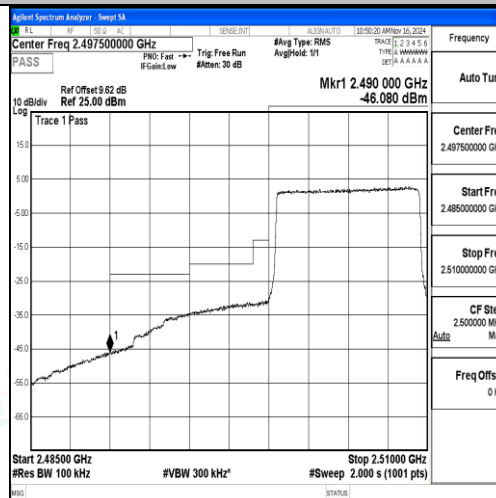
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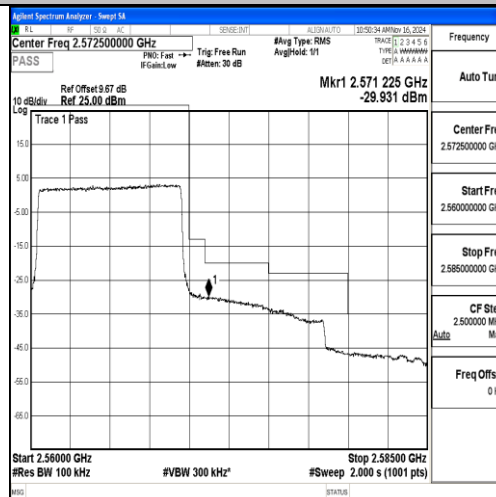
Scan code to check authenticity



Band7-10MHz-QPSK-20800-50RB#0-PASS



Band7-10MHz-16QAM-20800-50RB#0-PASS



Band7-10MHz-QPSK-21400-50RB#0-PASS



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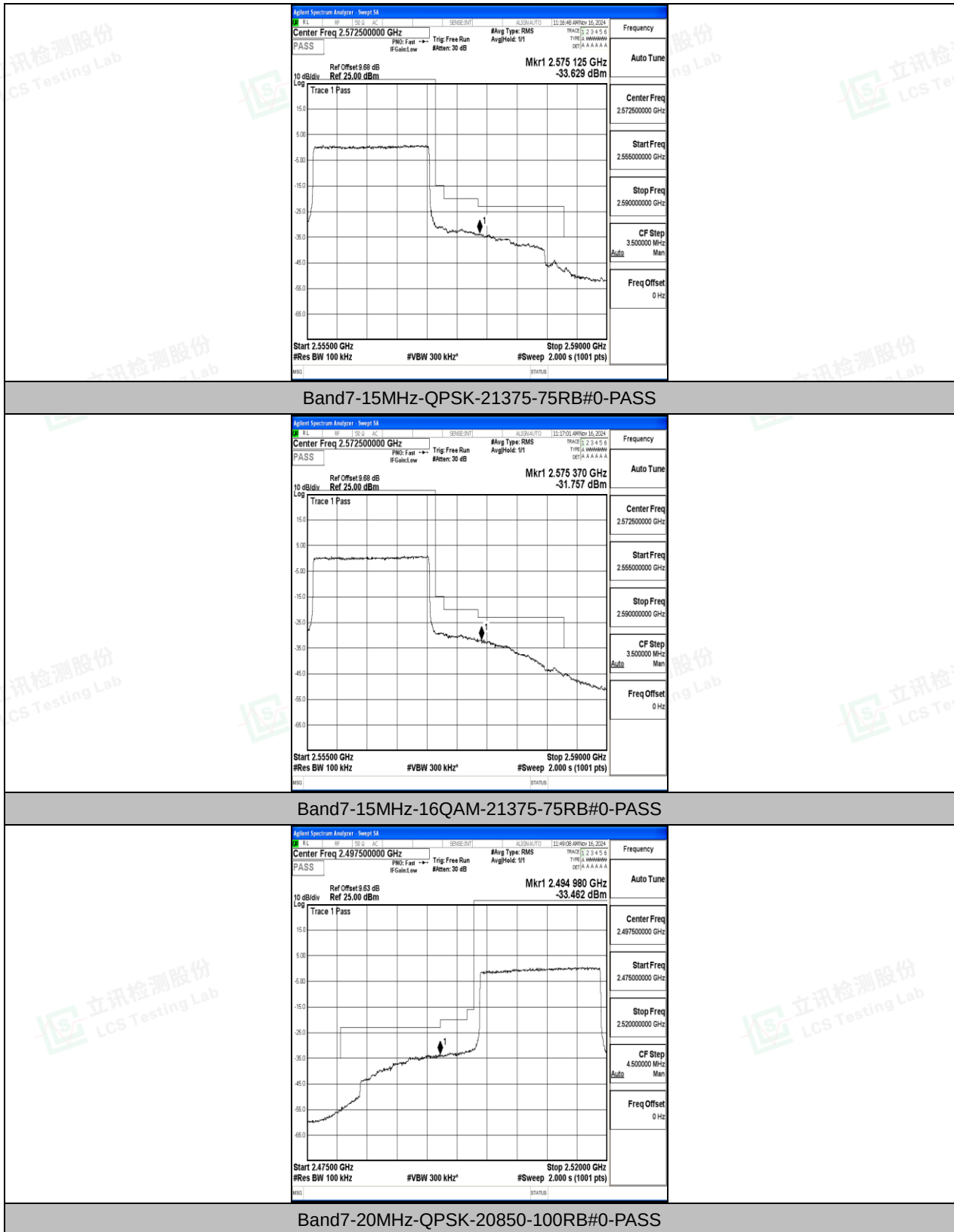


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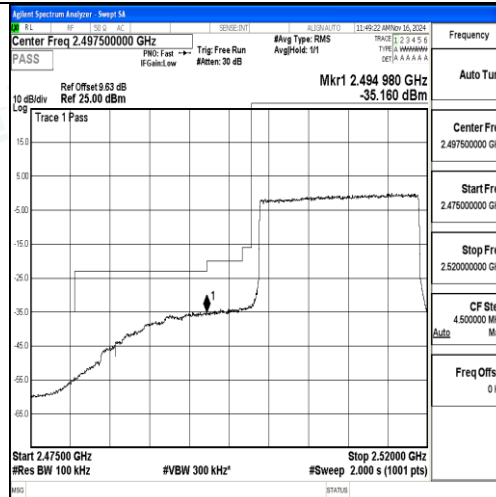


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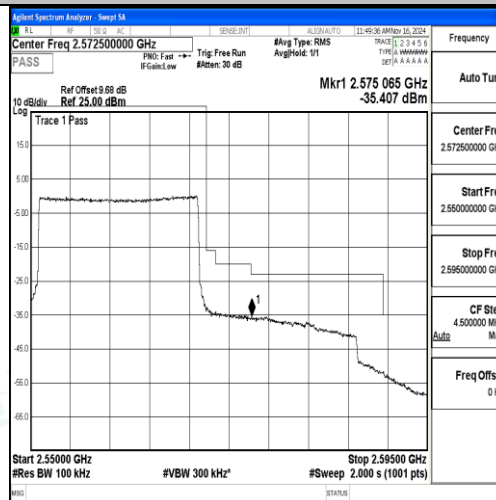
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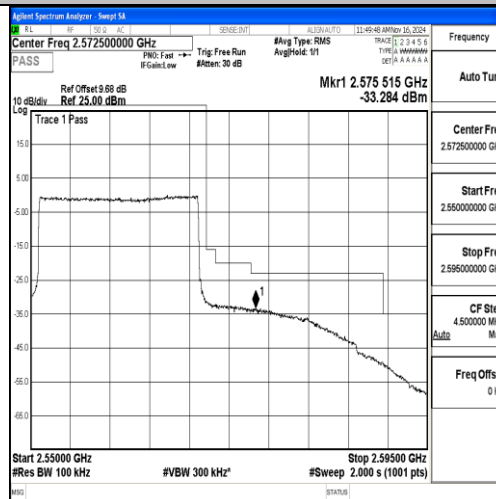
Scan code to check authenticity



Band7-20MHz-16QAM-20850-100RB#0-PASS



Band7-20MHz-QPSK-21350-100RB#0-PASS



Band7-20MHz-16QAM-21350-100RB#0-PASS



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J.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	0.009~0.15	-63.99	PASS
Band7	5MHz	QPSK	20775	1RB#0	0.15~30	-70.14	PASS
Band7	5MHz	QPSK	20775	1RB#0	30~1000	-59.91	PASS
Band7	5MHz	QPSK	20775	1RB#0	1000~3000	-40.80	PASS
Band7	5MHz	QPSK	20775	1RB#0	3000~18000	-43.54	PASS
Band7	5MHz	QPSK	20775	1RB#0	18000~27000	-39.26	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.009~0.15	-62.58	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.15~30	-70.34	PASS
Band7	5MHz	16QAM	20775	1RB#0	30~1000	-59.92	PASS
Band7	5MHz	16QAM	20775	1RB#0	1000~3000	-36.62	PASS
Band7	5MHz	16QAM	20775	1RB#0	3000~18000	-43.61	PASS
Band7	5MHz	16QAM	20775	1RB#0	18000~27000	-39.40	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.009~0.15	-60.40	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.15~30	-69.39	PASS
Band7	5MHz	QPSK	21100	1RB#0	30~1000	-60.07	PASS
Band7	5MHz	QPSK	21100	1RB#0	1000~3000	-42.61	PASS
Band7	5MHz	QPSK	21100	1RB#0	3000~18000	-43.38	PASS
Band7	5MHz	QPSK	21100	1RB#0	18000~27000	-39.07	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.009~0.15	-63.45	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.15~30	-67.53	PASS
Band7	5MHz	16QAM	21100	1RB#0	30~1000	-59.98	PASS
Band7	5MHz	16QAM	21100	1RB#0	1000~3000	-43.60	PASS
Band7	5MHz	16QAM	21100	1RB#0	3000~18000	-43.82	PASS
Band7	5MHz	16QAM	21100	1RB#0	18000~27000	-39.13	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.009~0.15	-64.25	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.15~30	-57.70	PASS
Band7	5MHz	QPSK	21425	1RB#0	30~1000	-59.89	PASS
Band7	5MHz	QPSK	21425	1RB#0	1000~3000	-40.87	PASS
Band7	5MHz	QPSK	21425	1RB#0	3000~18000	-43.38	PASS
Band7	5MHz	QPSK	21425	1RB#0	18000~27000	-38.91	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.009~0.15	-63.38	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.15~30	-55.67	PASS
Band7	5MHz	16QAM	21425	1RB#0	30~1000	-60.11	PASS
Band7	5MHz	16QAM	21425	1RB#0	1000~3000	-36.47	PASS
Band7	5MHz	16QAM	21425	1RB#0	3000~18000	-43.46	PASS
Band7	5MHz	16QAM	21425	1RB#0	18000~27000	-39.22	PASS



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