

Appendix for Band 5

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.33	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.29	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.37	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.36	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.33	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.34	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.25	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.37	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.31	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.36	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.37	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.34	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.39	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.31	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.52	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.53	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.55	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.53	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.52	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.49	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.79	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.85	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.75	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.10	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.18	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.10	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.40	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.92	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.89	PASS

Band5	1.4MHz	16QAM	20525	1RB#5	22.81	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.11	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.16	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.19	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.55	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.02	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.10	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.99	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.31	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.36	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.28	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.82	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.39	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.41	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.49	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.42	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.41	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.50	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.39	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.37	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.30	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.31	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.37	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.43	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.40	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.40	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.47	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.57	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.53	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.62	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.62	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.54	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.57	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.95	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.80	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.81	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.47	PASS

Band5	3MHz	16QAM	20415	8RB#4	21.47	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.54	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.13	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.98	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.98	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.02	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.49	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.48	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.61	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.65	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.68	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.66	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.66	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.86	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.47	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.42	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.49	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.32	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.33	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.46	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.55	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.50	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.46	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.64	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.32	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.32	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.42	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.31	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.72	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.77	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.72	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.61	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.61	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.69	PASS

Band5	5MHz	QPSK	20625	25RB#0	22.64	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.46	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.48	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.40	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.48	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.49	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.48	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.48	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.76	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.81	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.88	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.46	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.43	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.47	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.10	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.07	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.10	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.51	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.54	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.48	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.61	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.46	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.44	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.48	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.50	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.32	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.43	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.49	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.46	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.60	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.36	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.37	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.59	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.32	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.58	PASS

Band5	10MHz	QPSK	20600	1RB#24	23.55	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.83	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.59	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.60	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.66	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.63	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.32	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.18	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.21	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.61	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.61	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.41	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.40	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.50	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.41	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.38	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.41	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.35	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.26	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.27	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.31	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.43	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.42	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.49	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.58	PASS

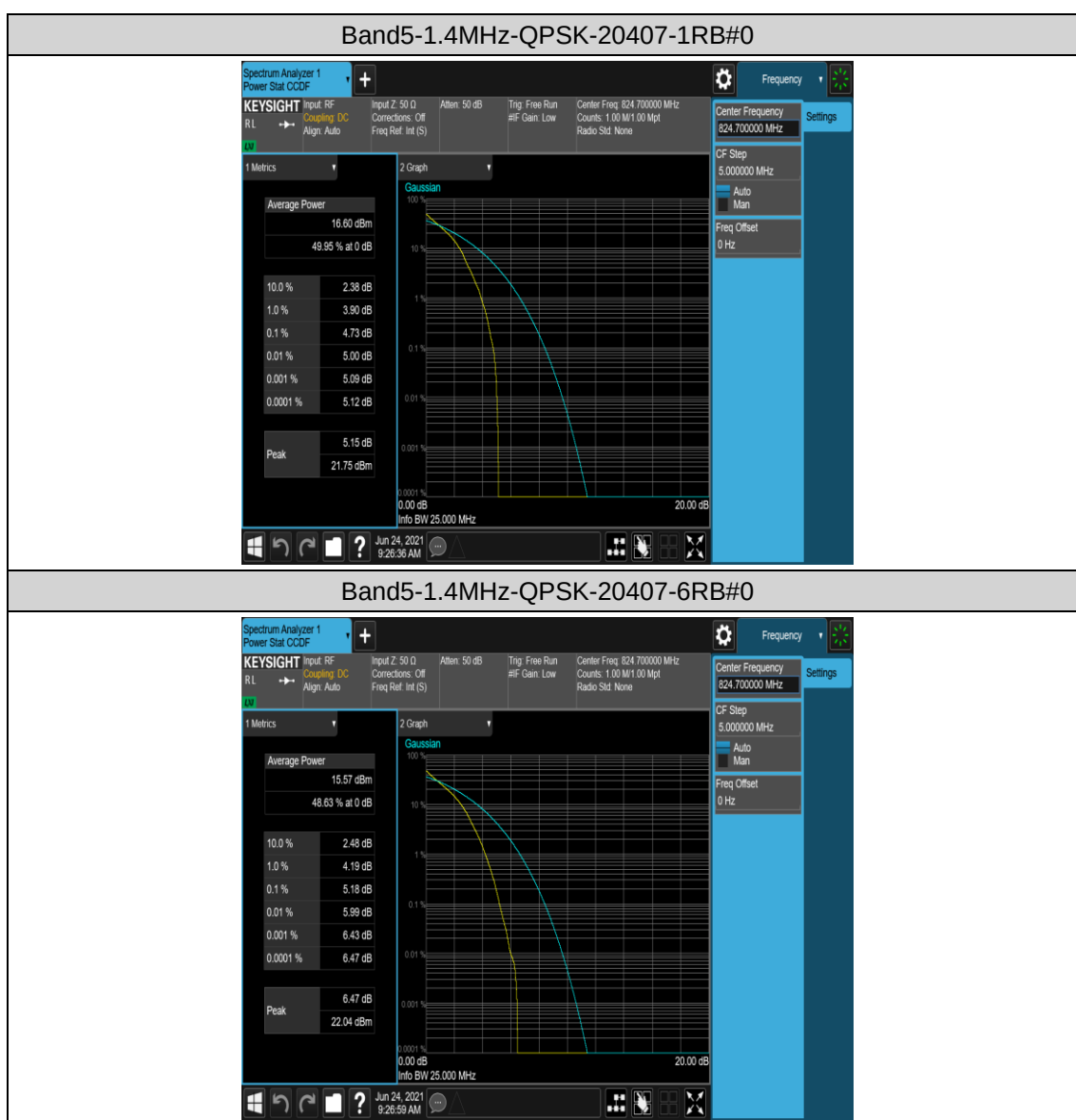
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

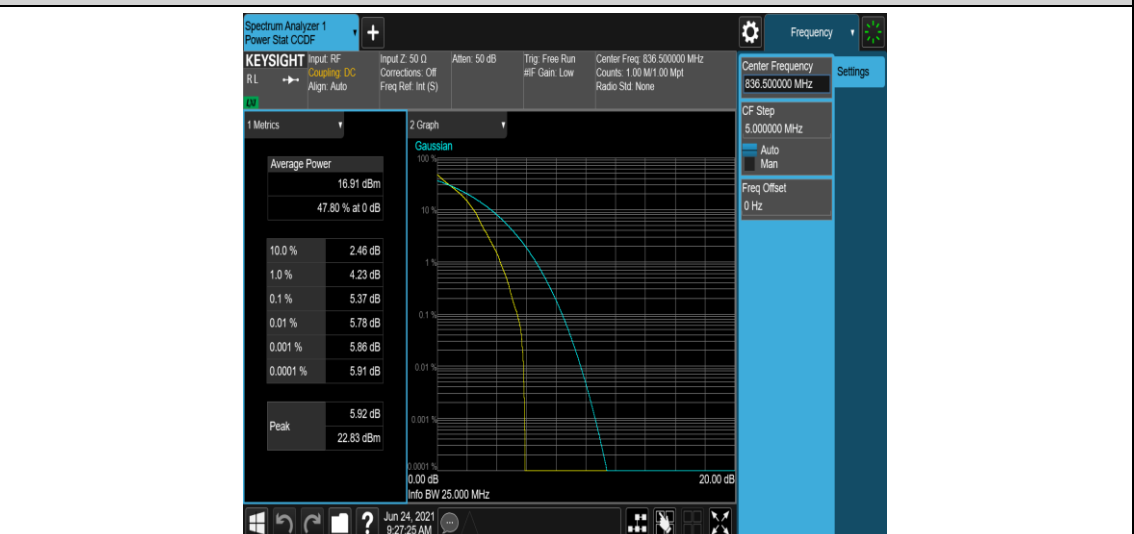
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.73	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.18	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	5.37	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.59	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.60	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.27	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.51	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.95	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	6.31	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.35	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.79	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.00	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.67	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.19	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	5.41	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.67	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.79	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.29	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.68	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.01	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	6.49	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.42	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.61	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.06	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.78	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.19	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.33	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.62	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.94	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.27	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.71	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.90	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.90	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.25	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.81	13	PASS

Band5	5MHz	16QAM	20625	25RB#0	6.03	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.68	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.36	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	5.23	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.64	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	5.23	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.38	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.58	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.08	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	6.07	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.31	13	PASS
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Band5	10MHz	16QAM	20600	50RB#0	6.13	13	PASS

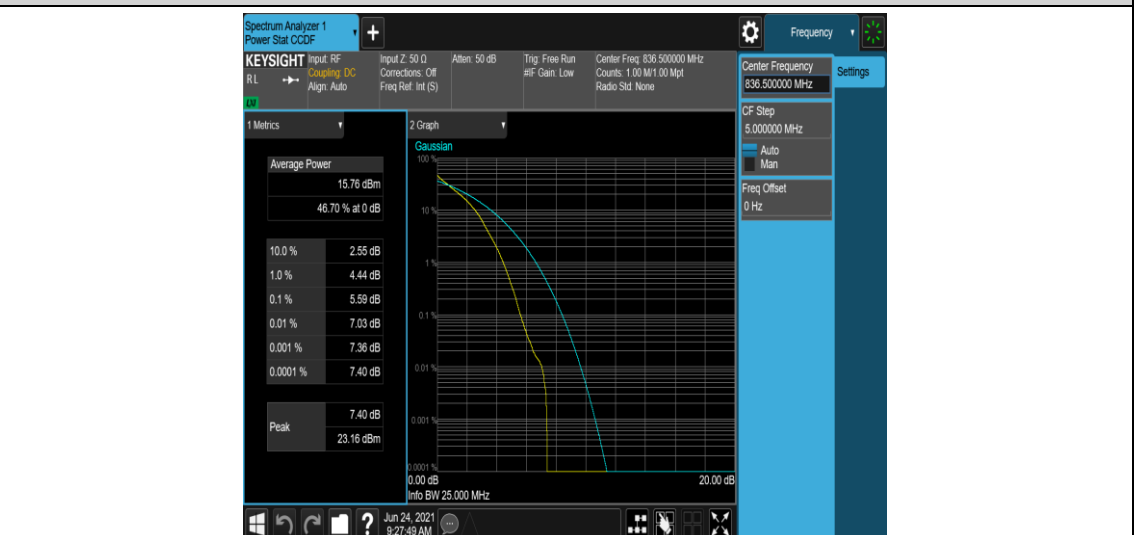
Test Graphs



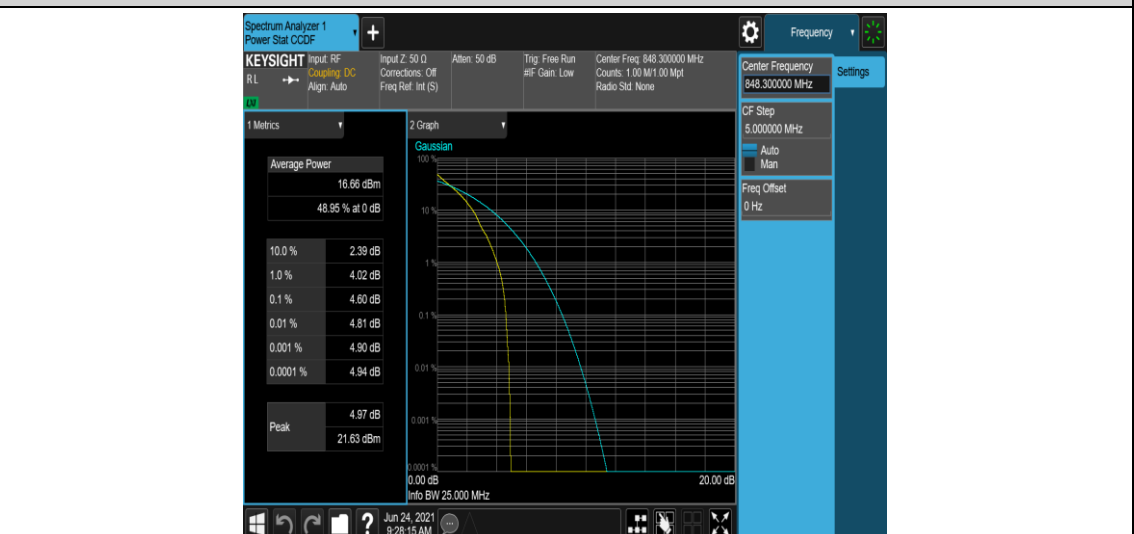
Band5-1.4MHz-QPSK-20525-1RB#0



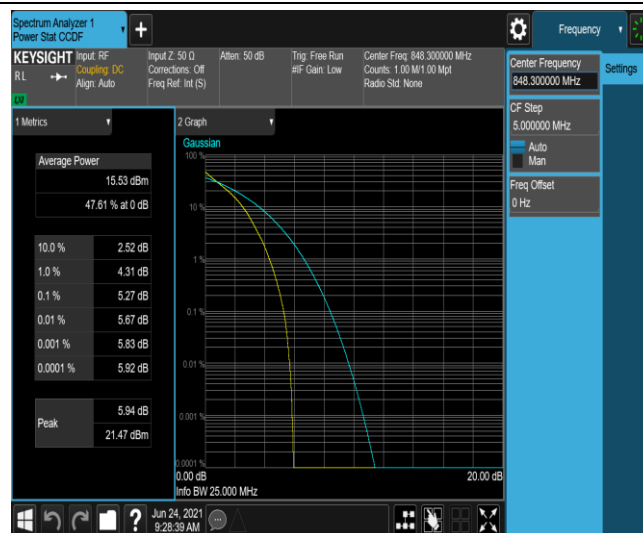
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Band5-1.4MHz-QPSK-20643-1RB#0



Band5-1.4MHz-QPSK-20643-6RB#0



Band5-1.4MHz-16QAM-20407-1RB#0



Band5-1.4MHz-16QAM-20407-6RB#0



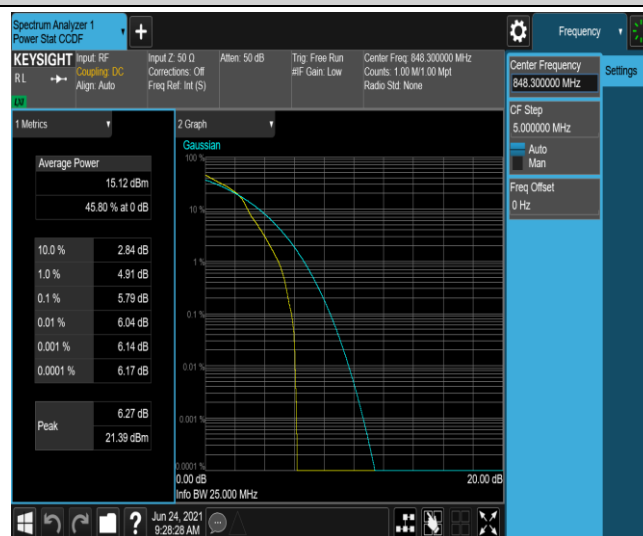
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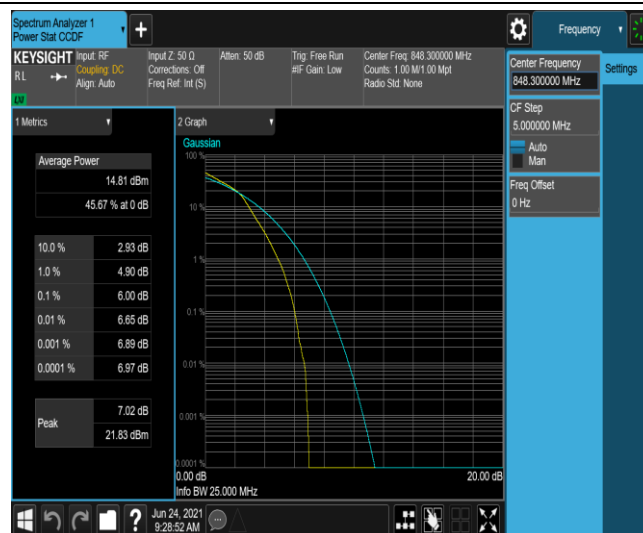
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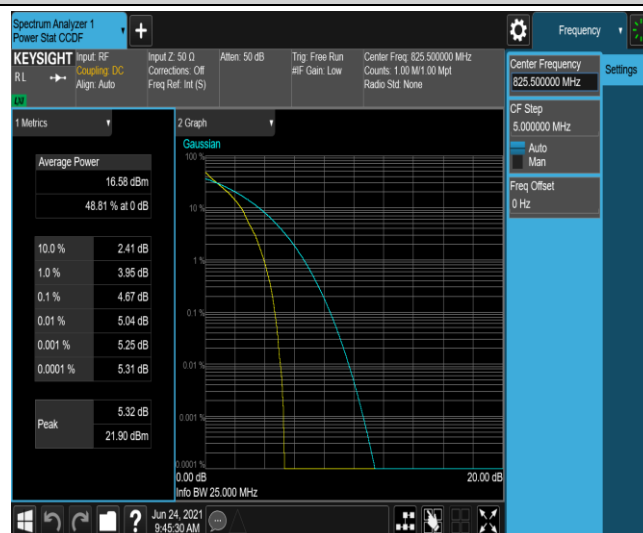
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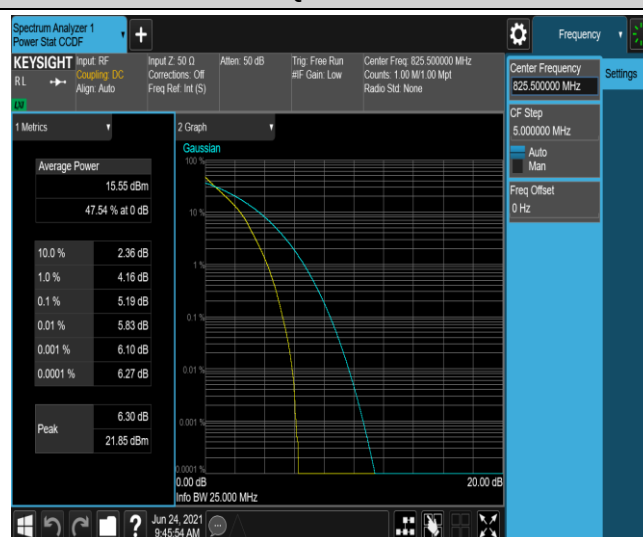
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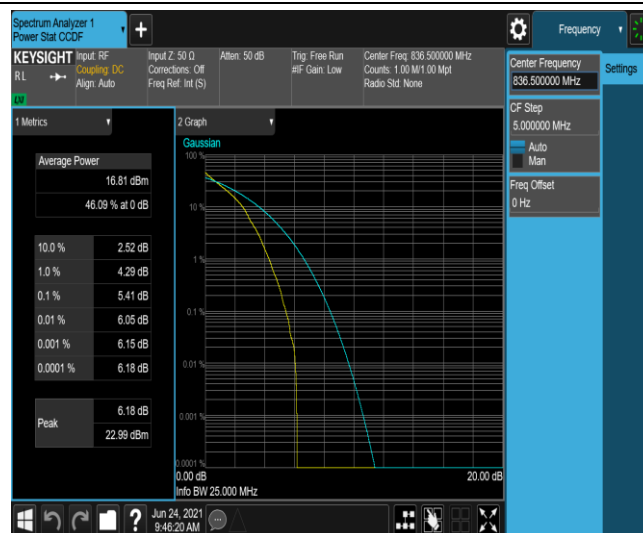
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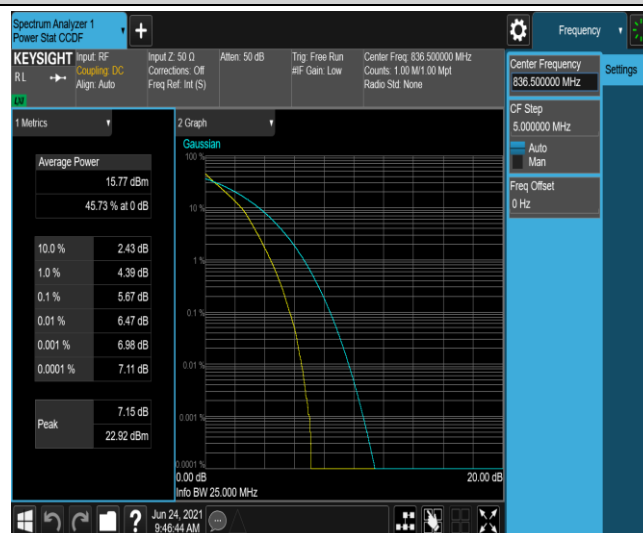
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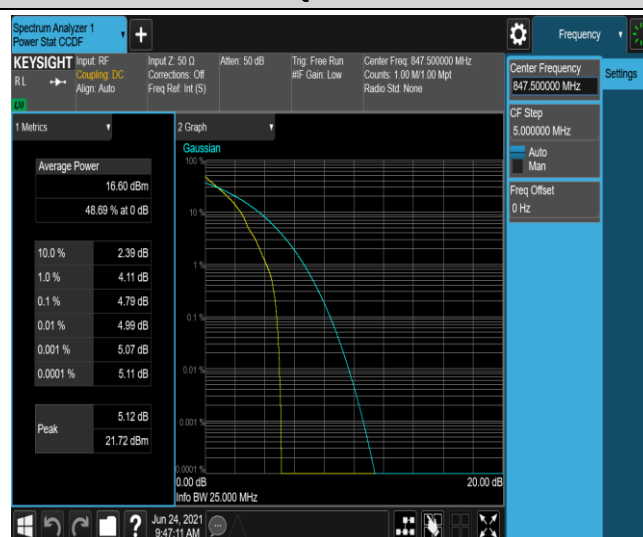
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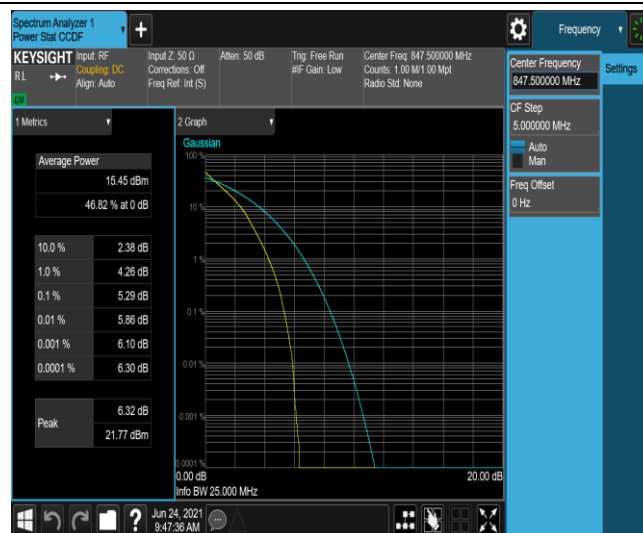
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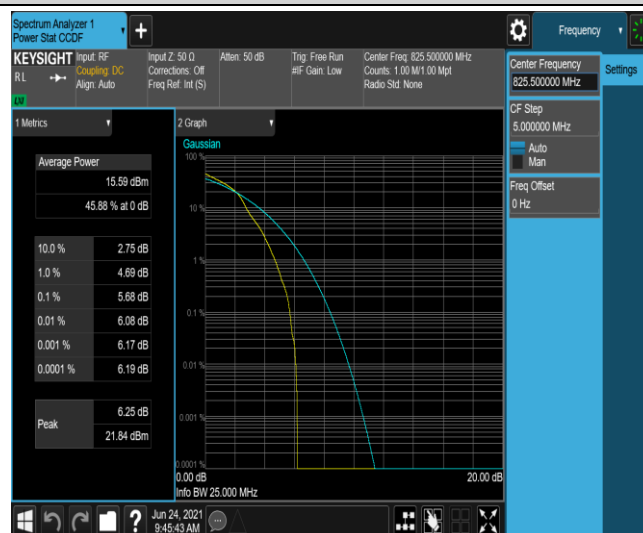
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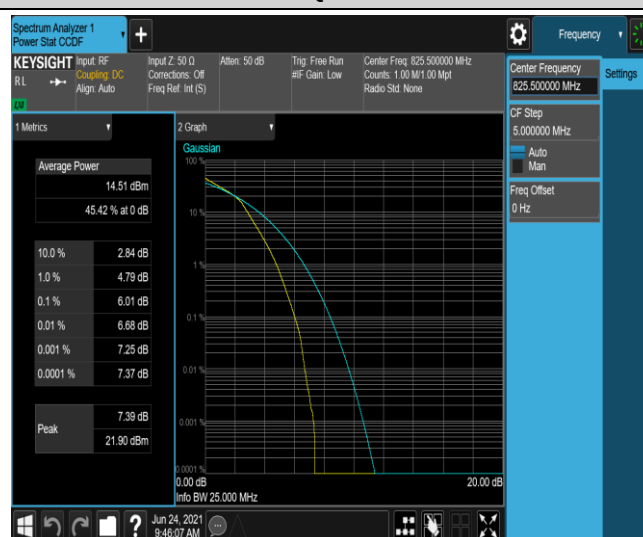
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Band5-3MHz-16QAM-20415-1RB#0



Band5-3MHz-16QAM-20415-15RB#0



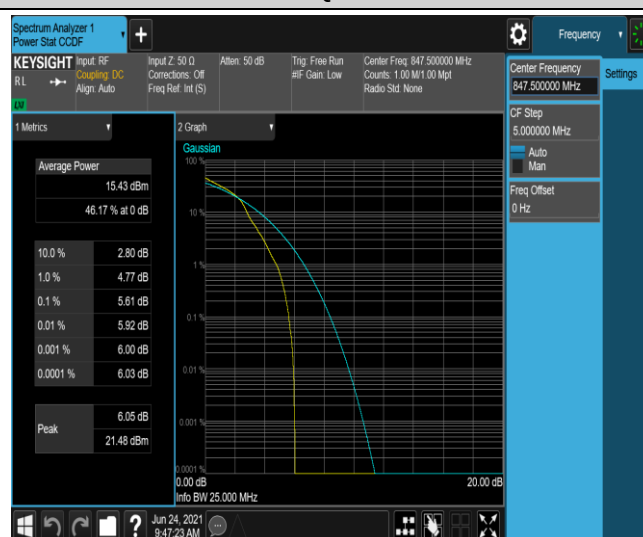
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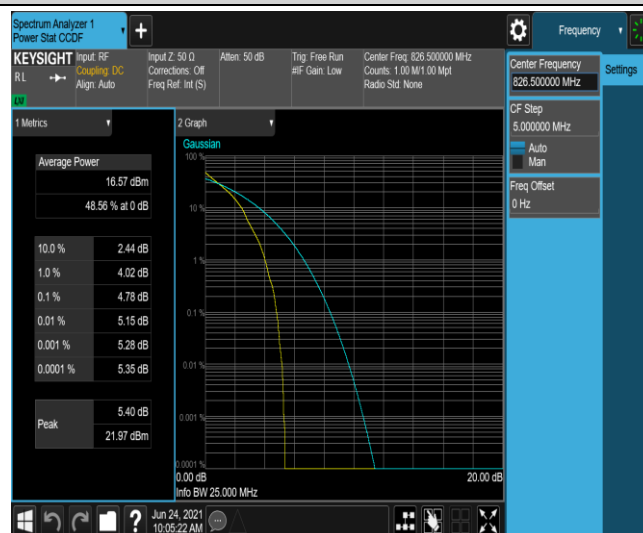
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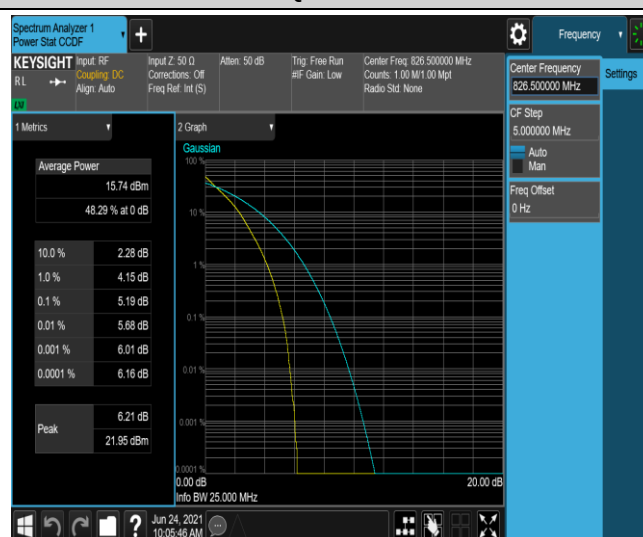
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Band5-5MHz-QPSK-20425-1RB#0



Band5-5MHz-QPSK-20425-25RB#0



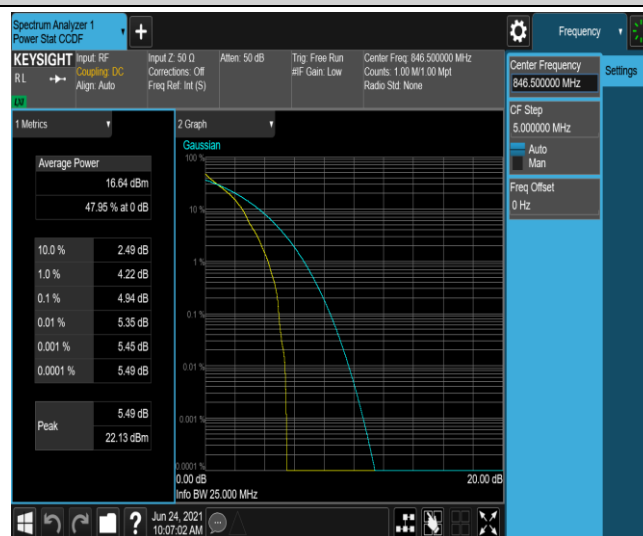
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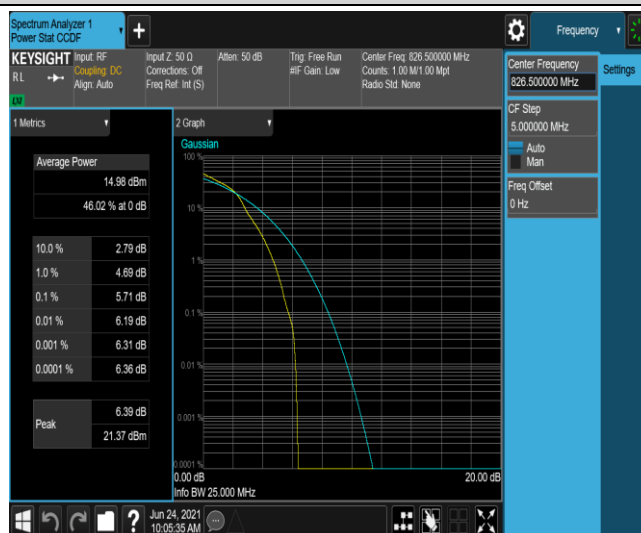
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Band5-5MHz-16QAM-20425-1RB#0



Band5-5MHz-16QAM-20425-25RB#0



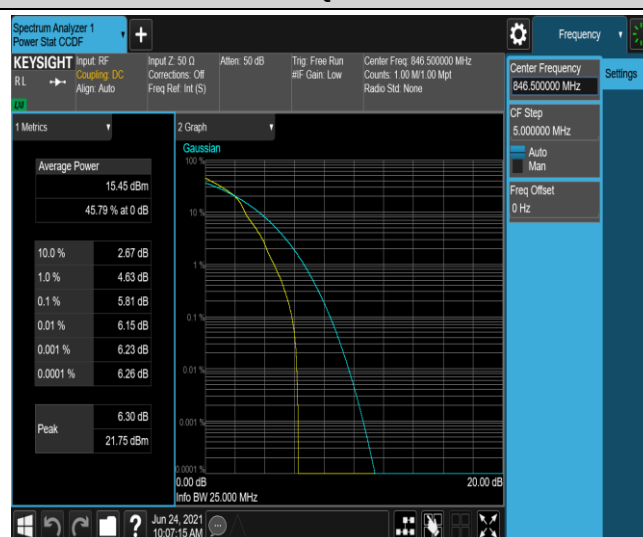
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Band5-5MHz-16QAM-20525-25RB#0



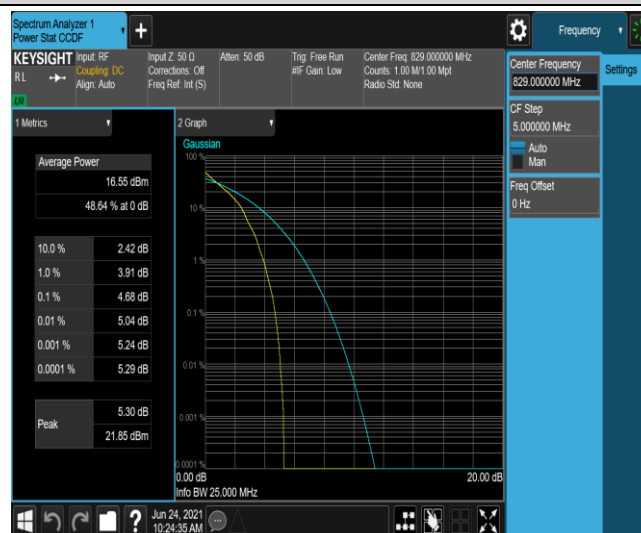
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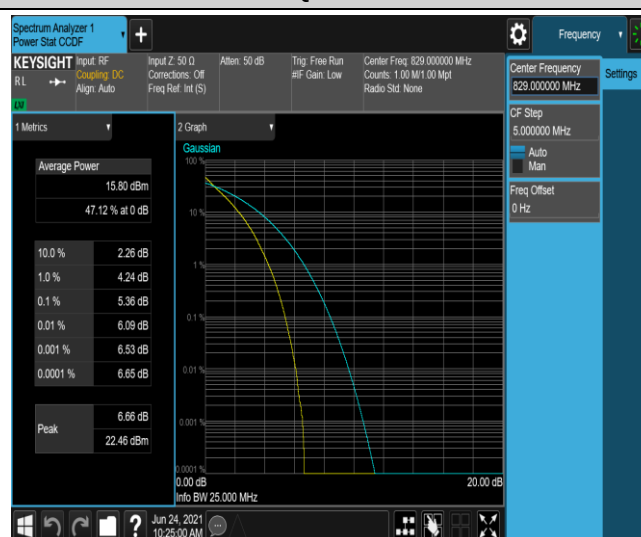
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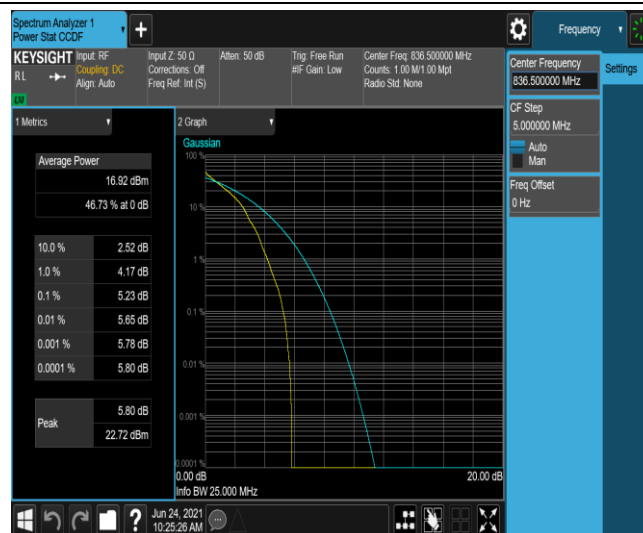
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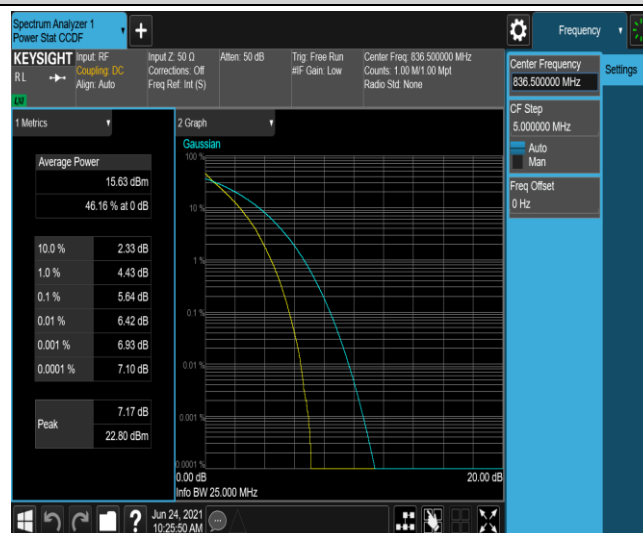
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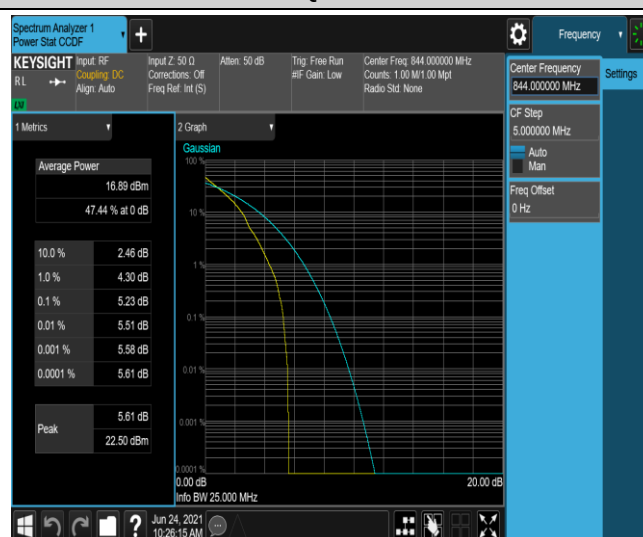
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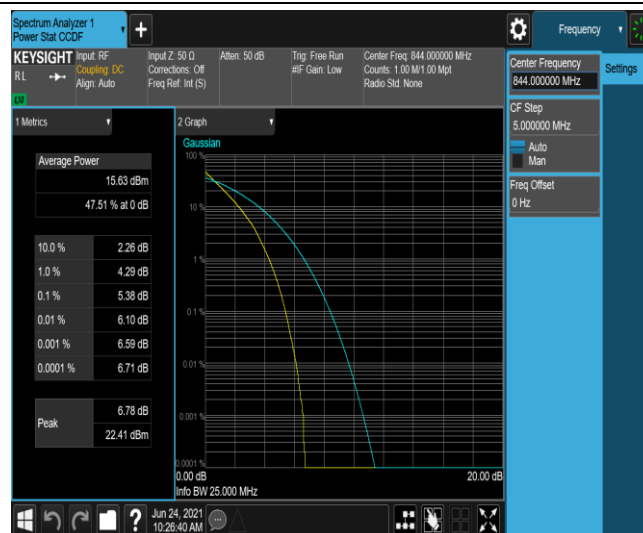
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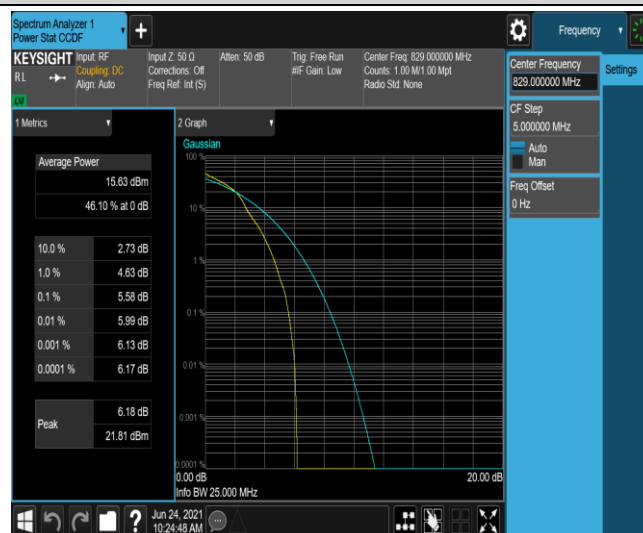
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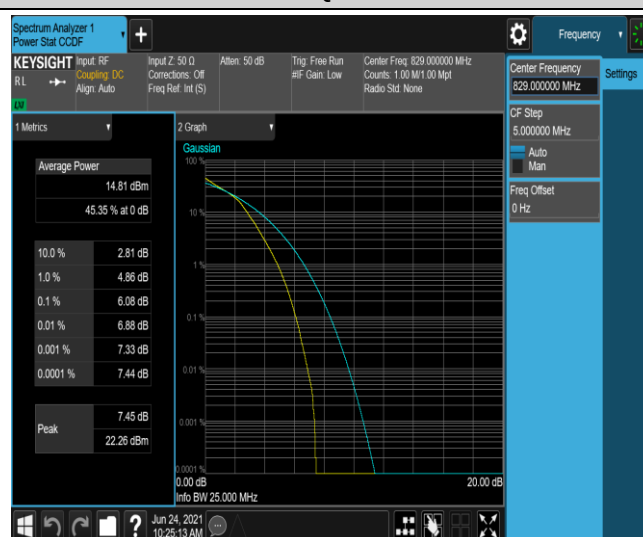
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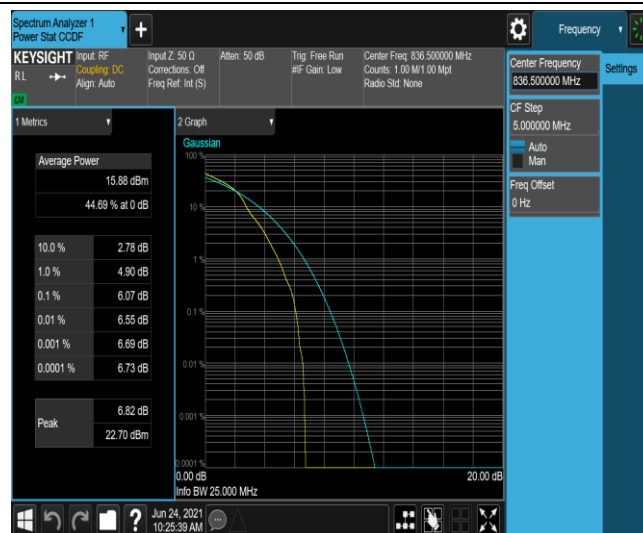
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Band5-10MHz-16QAM-20450-50RB#0



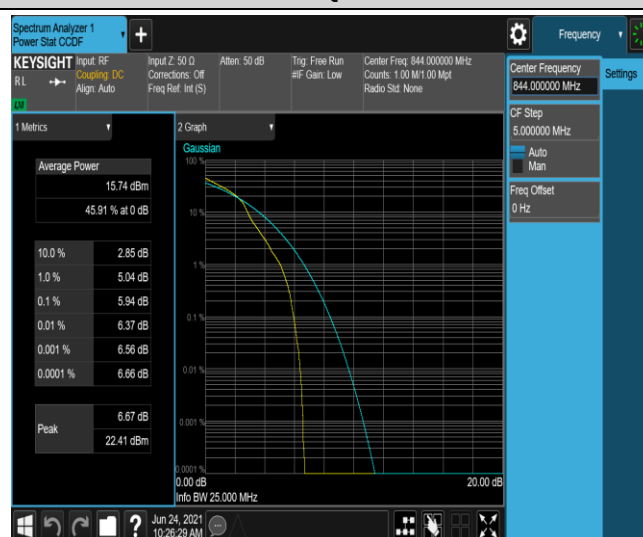
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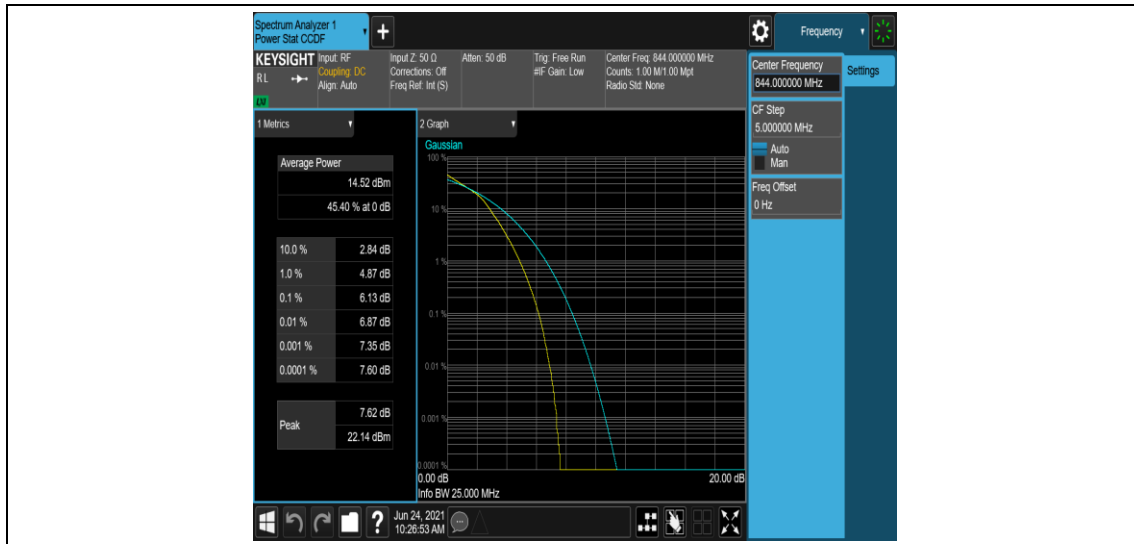
Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-1RB#0



Band5-10MHz-16QAM-20600-50RB#0



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0901	1.231	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0896	1.240	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0918	1.241	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0918	1.239	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0923	1.235	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0876	1.245	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7016	2.972	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6969	2.945	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6975	2.966	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6944	2.956	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6967	2.955	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6954	2.970	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4952	4.940	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4969	4.960	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4936	4.963	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4993	4.917	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5015	4.945	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5003	4.976	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9785	9.602	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9895	9.572	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9764	9.569	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9603	9.606	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9747	9.626	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9786	9.587	PASS

Test Graphs



