

Appendix for Band 7

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.25	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.49	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.29	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.90	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.91	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.91	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.02	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.23	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.28	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.19	PASS
Band7	5MHz	QPSK	21100	12RB#0	22.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.98	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.06	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.38	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.36	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.23	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.26	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.32	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.23	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.15	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.27	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.33	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.42	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.02	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.02	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.17	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.41	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.38	PASS

Band7	5MHz	16QAM	21100	1RB#24	21.50	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.13	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.09	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.07	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.20	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.60	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.71	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.66	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.30	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.32	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.28	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.43	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.05	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.02	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.97	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.97	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.01	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.00	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.83	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.79	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.95	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.91	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.92	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.98	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.02	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.88	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.96	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.05	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.01	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.19	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.23	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.22	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.52	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.56	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.46	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.22	PASS

Band7	10MHz	16QAM	20800	25RB#12	21.22	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.18	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.08	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.75	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.79	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.79	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.14	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.12	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.11	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.16	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.90	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.94	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.01	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.17	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.19	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.26	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.44	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.21	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.13	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.05	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.36	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.34	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.36	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.98	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.94	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.96	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.92	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.63	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.81	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.84	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.03	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.02	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.12	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.15	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.91	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.06	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.10	PASS

Band7	15MHz	QPSK	21375	75RB#0	22.14	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.35	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.33	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.31	PASS
Band7	15MHz	16QAM	20825	38RB#0	22.39	PASS
Band7	15MHz	16QAM	20825	38RB#18	22.39	PASS
Band7	15MHz	16QAM	20825	38RB#37	22.32	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.21	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.68	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.71	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.79	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.64	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.73	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.82	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.09	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.97	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.99	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.09	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.90	PASS
Band7	15MHz	16QAM	21375	38RB#18	22.08	PASS
Band7	15MHz	16QAM	21375	38RB#37	22.08	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.40	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.15	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.12	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.02	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.14	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.03	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.96	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.99	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.11	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.29	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.26	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.93	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.97	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.11	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.11	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.27	PASS

Band7	20MHz	QPSK	21350	1RB#49	23.32	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.57	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.07	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.07	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.17	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.19	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.44	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.38	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.29	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.08	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.07	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.17	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.06	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.39	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.65	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.75	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.22	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.19	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.25	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.17	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.87	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.90	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.05	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.31	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.32	PASS
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Band7	20MHz	16QAM	21350	100RB#0	21.26	PASS

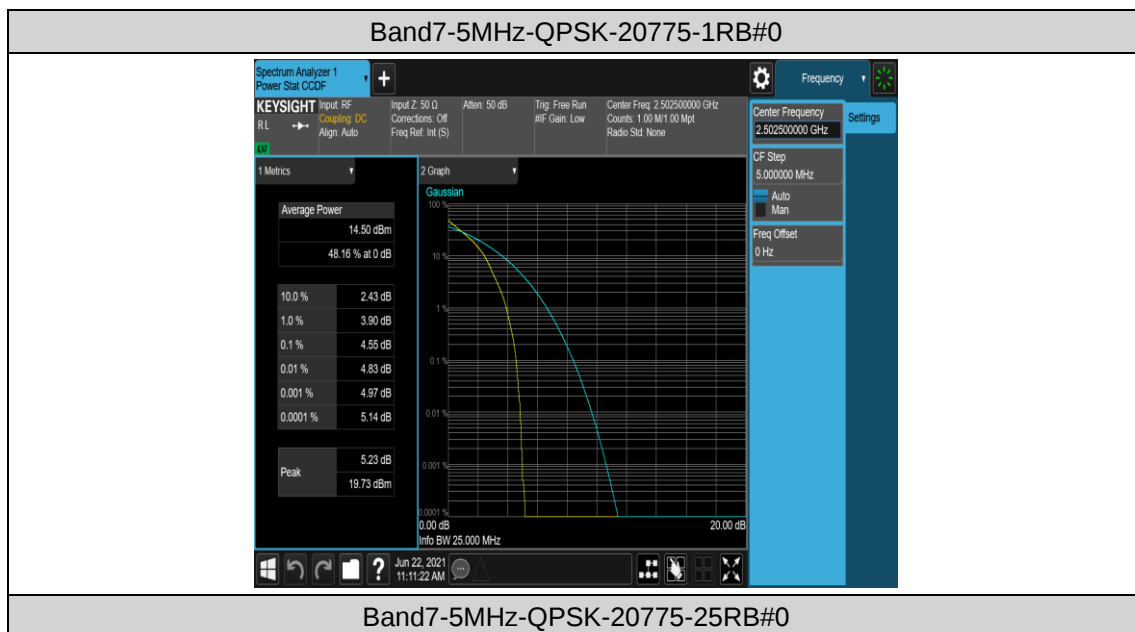
Appendix B: Peak-to-Average Ratio(CCDF)

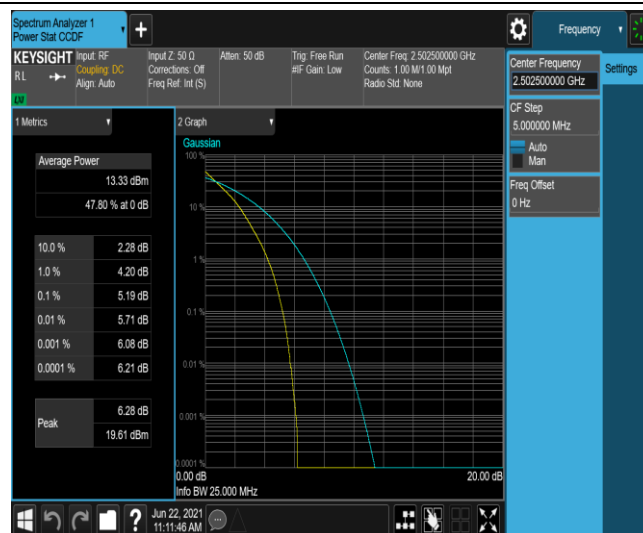
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.55	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.19	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.76	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.20	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.54	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.05	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.56	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.84	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.62	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.85	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.44	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.77	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.63	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.30	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.73	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.23	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.71	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.12	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.55	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.03	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.76	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.94	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.64	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.81	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.71	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.64	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.91	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.49	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.69	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.39	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.53	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.12	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.71	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.04	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.58	13	PASS

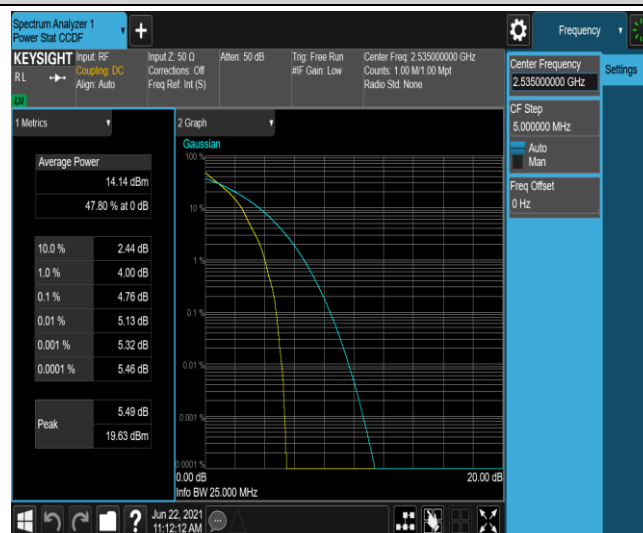
Band7	15MHz	16QAM	21375	75RB#0	5.91	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.46	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.48	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.91	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.36	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.50	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.27	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.35	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.20	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.62	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.05	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.52	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.01	13	PASS

Test Graphs

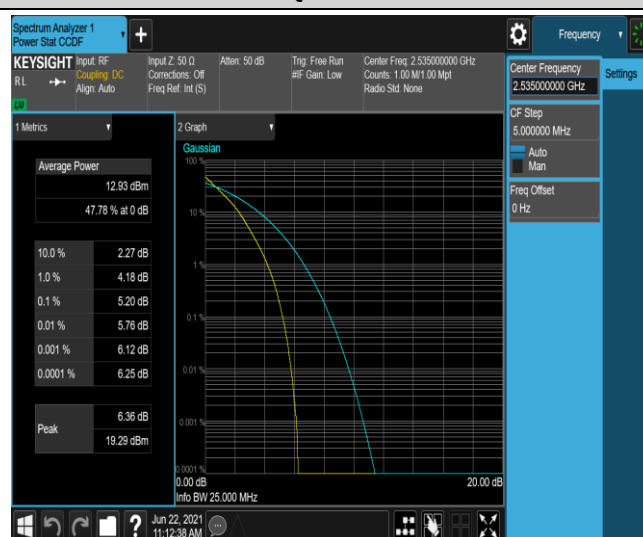




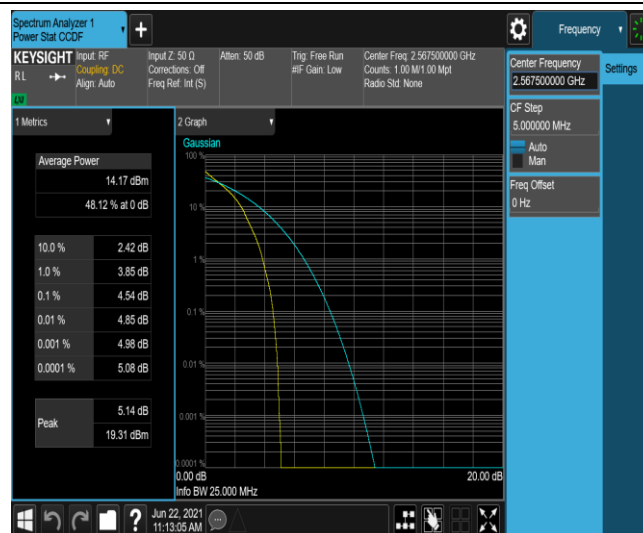
Band7-5MHz-QPSK-21100-1RB#0



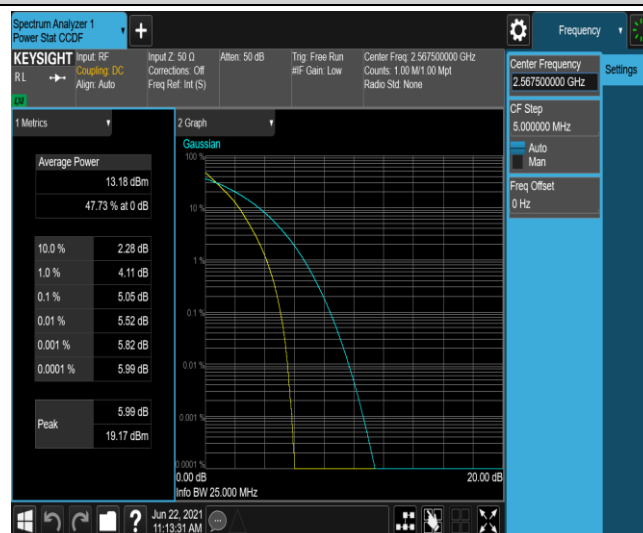
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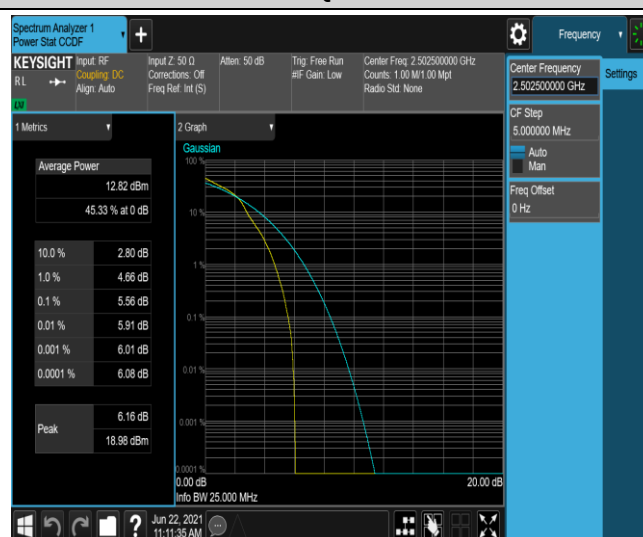
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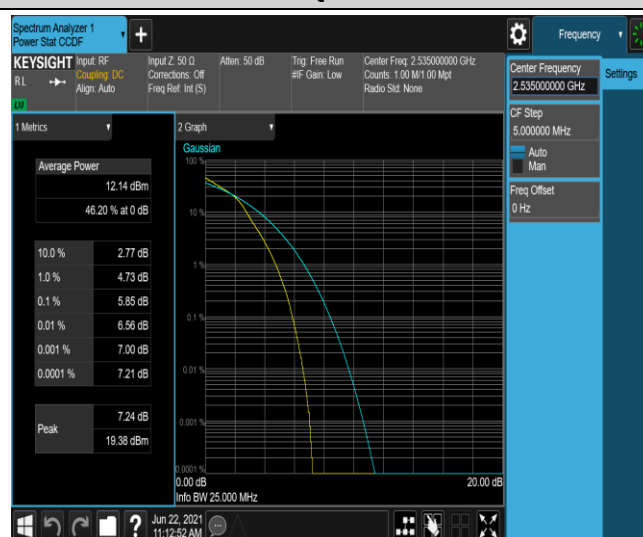
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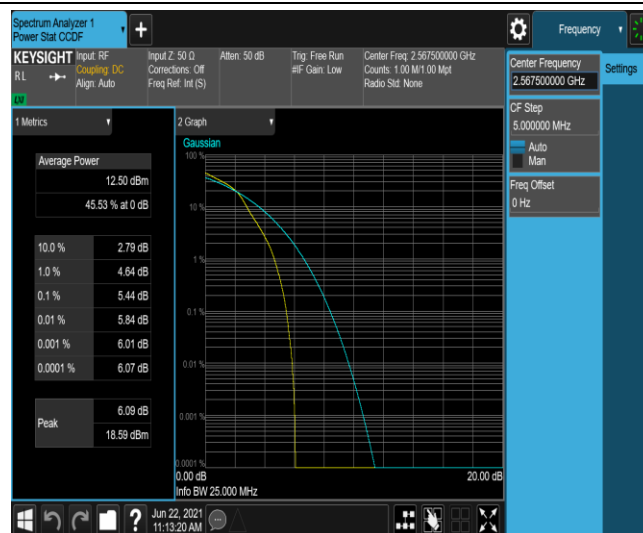
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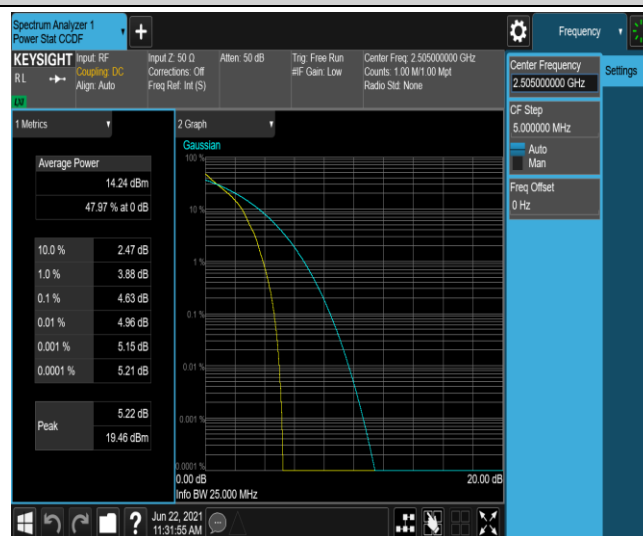
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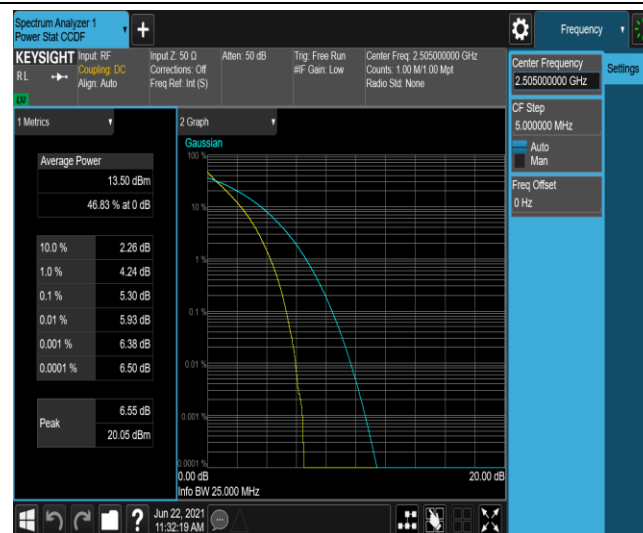
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Band7-10MHz-QPSK-20800-1RB#0



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



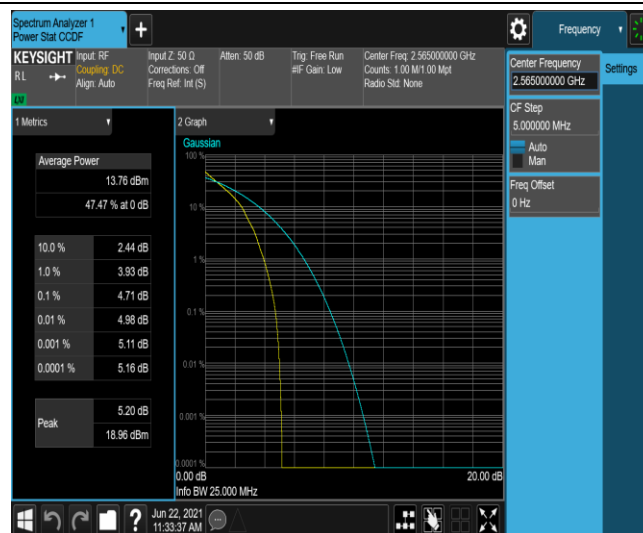
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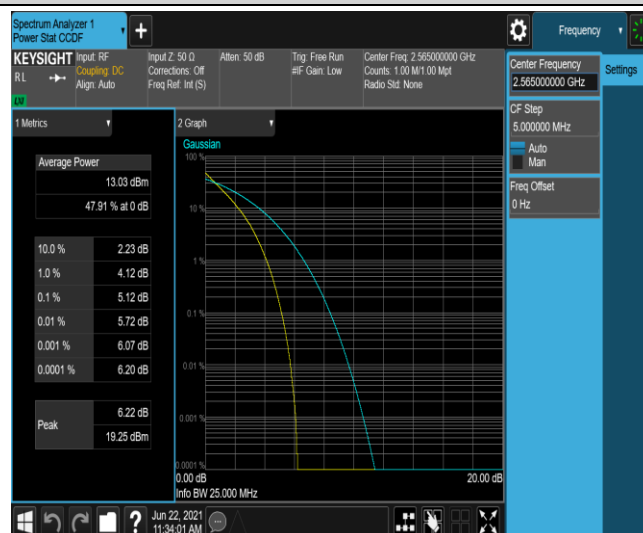
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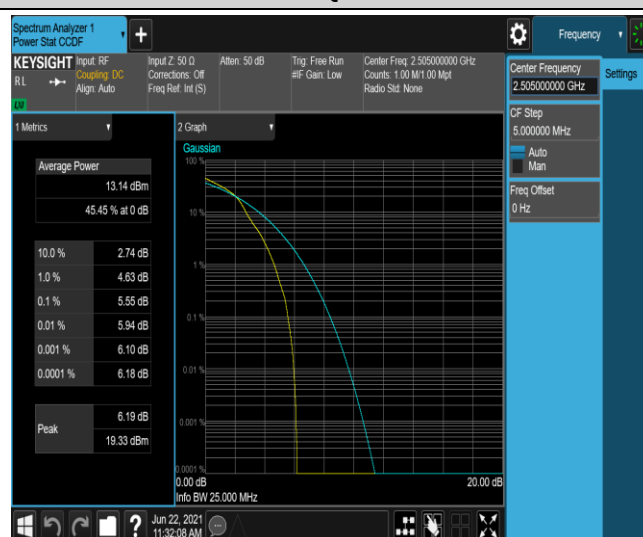
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Band7-10MHz-QPSK-21400-50RB#0



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



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

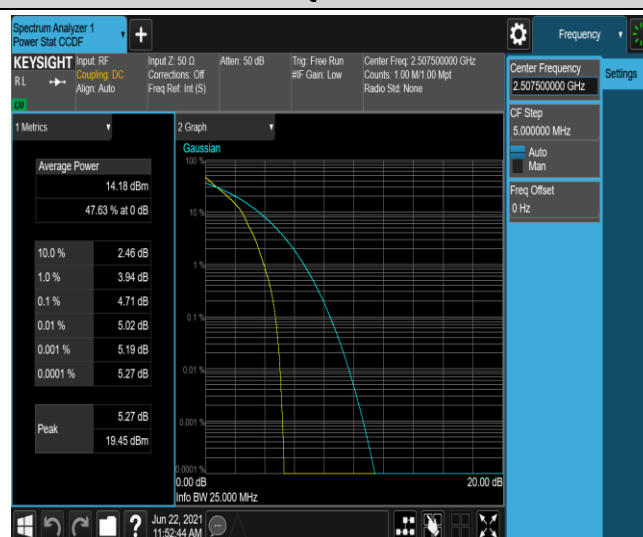




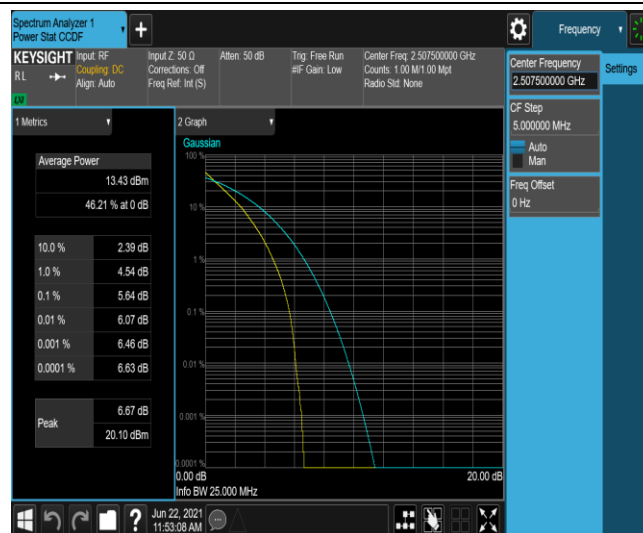
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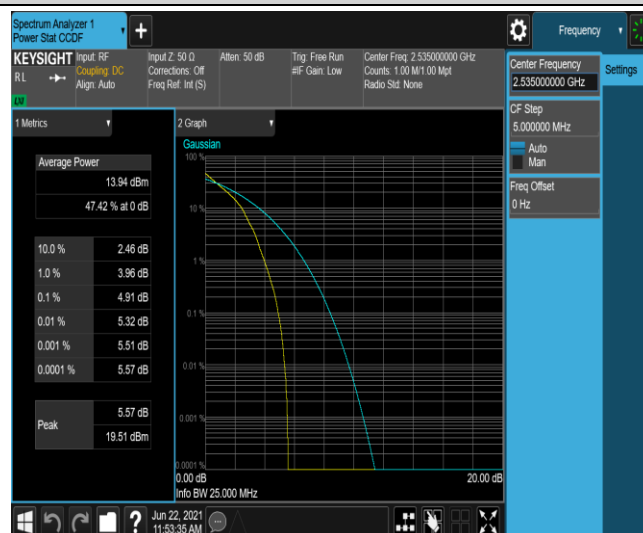
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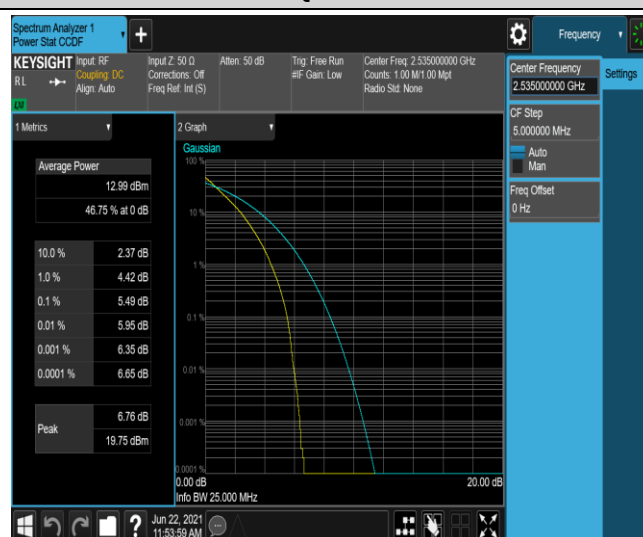
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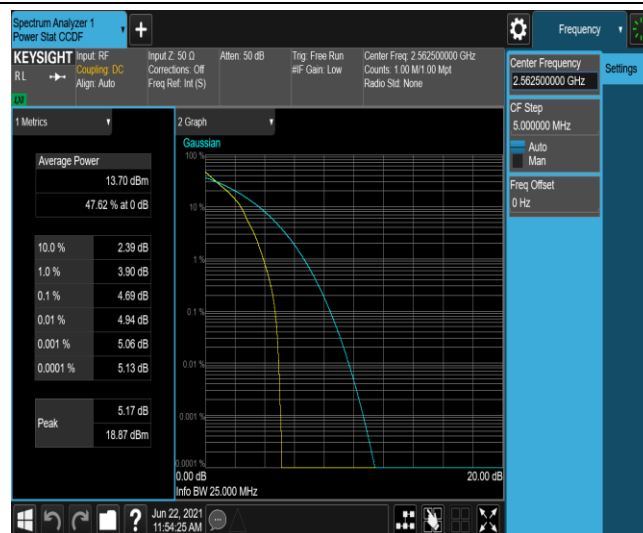
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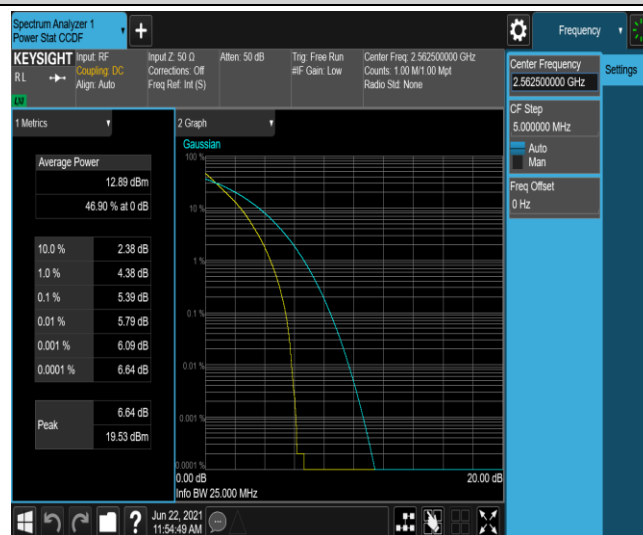
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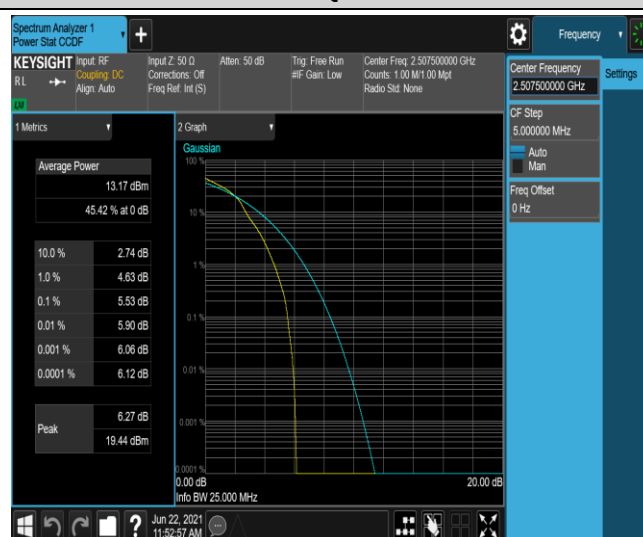
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Band7-15MHz-QPSK-21375-75RB#0



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



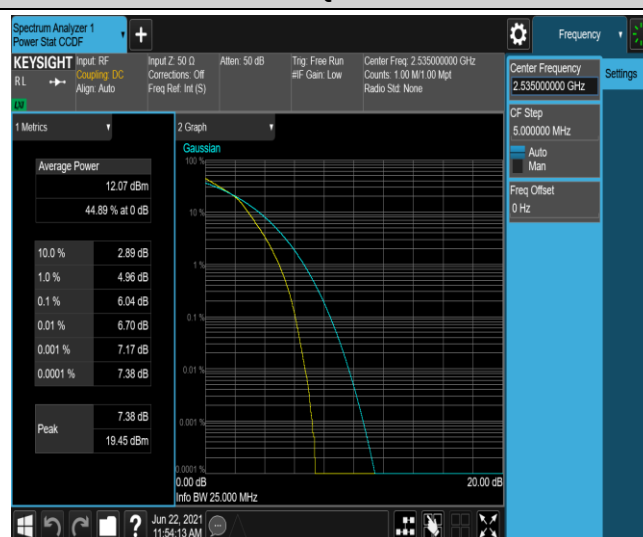
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Band7-15MHz-16QAM-21100-1RB#0



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



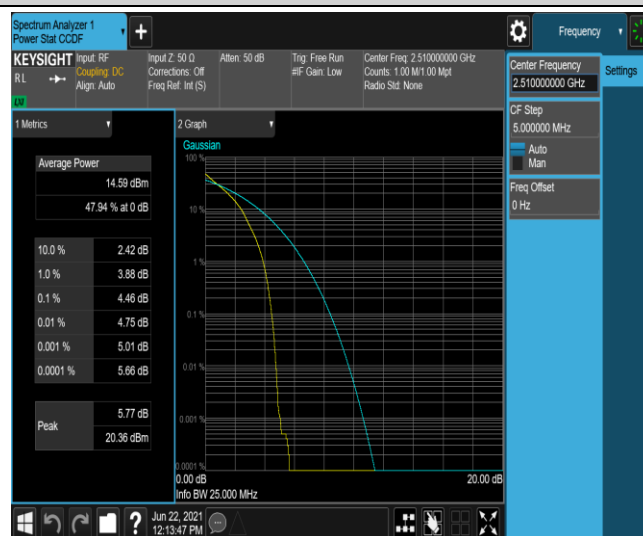
Band7-15MHz-16QAM-21375-1RB#0



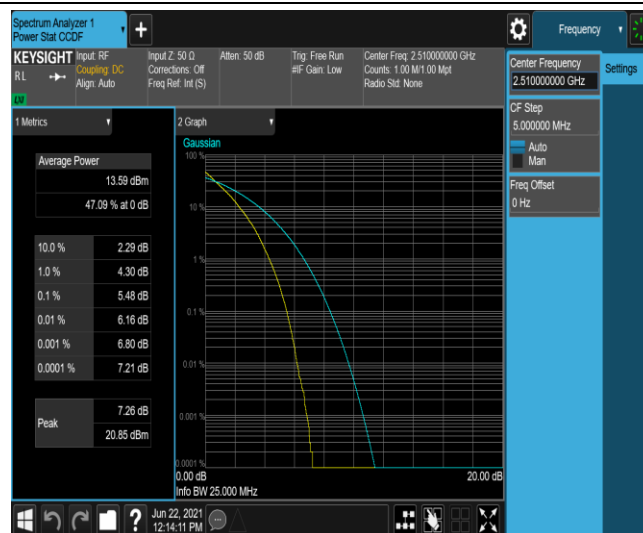
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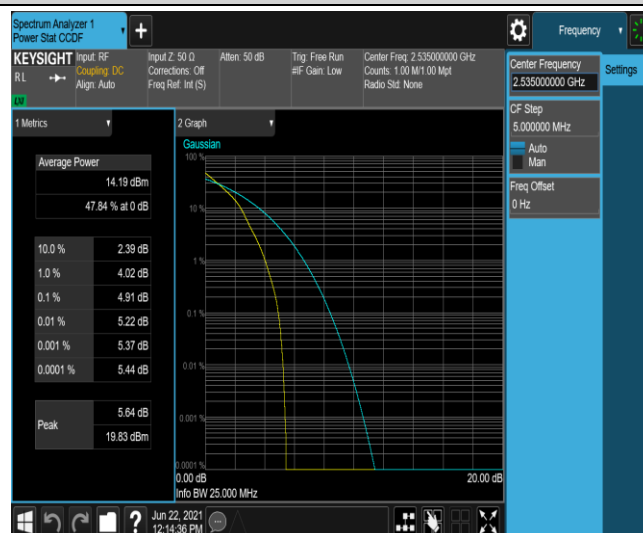
Band7-20MHz-QPSK-20850-1RB#0



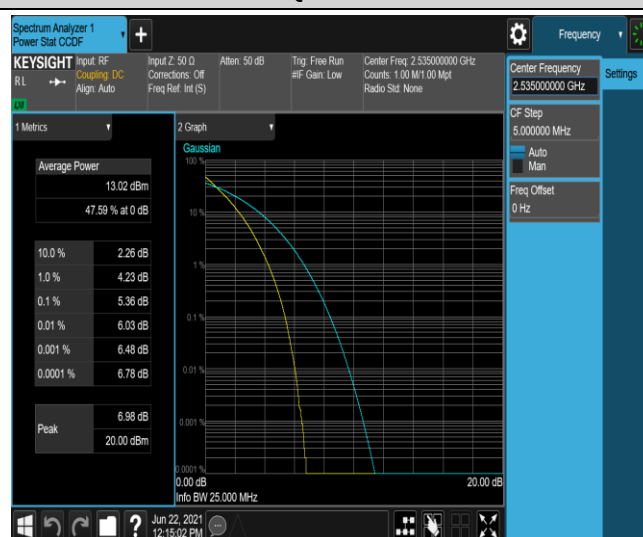
Band7-20MHz-QPSK-20850-100RB#0



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



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



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



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



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



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



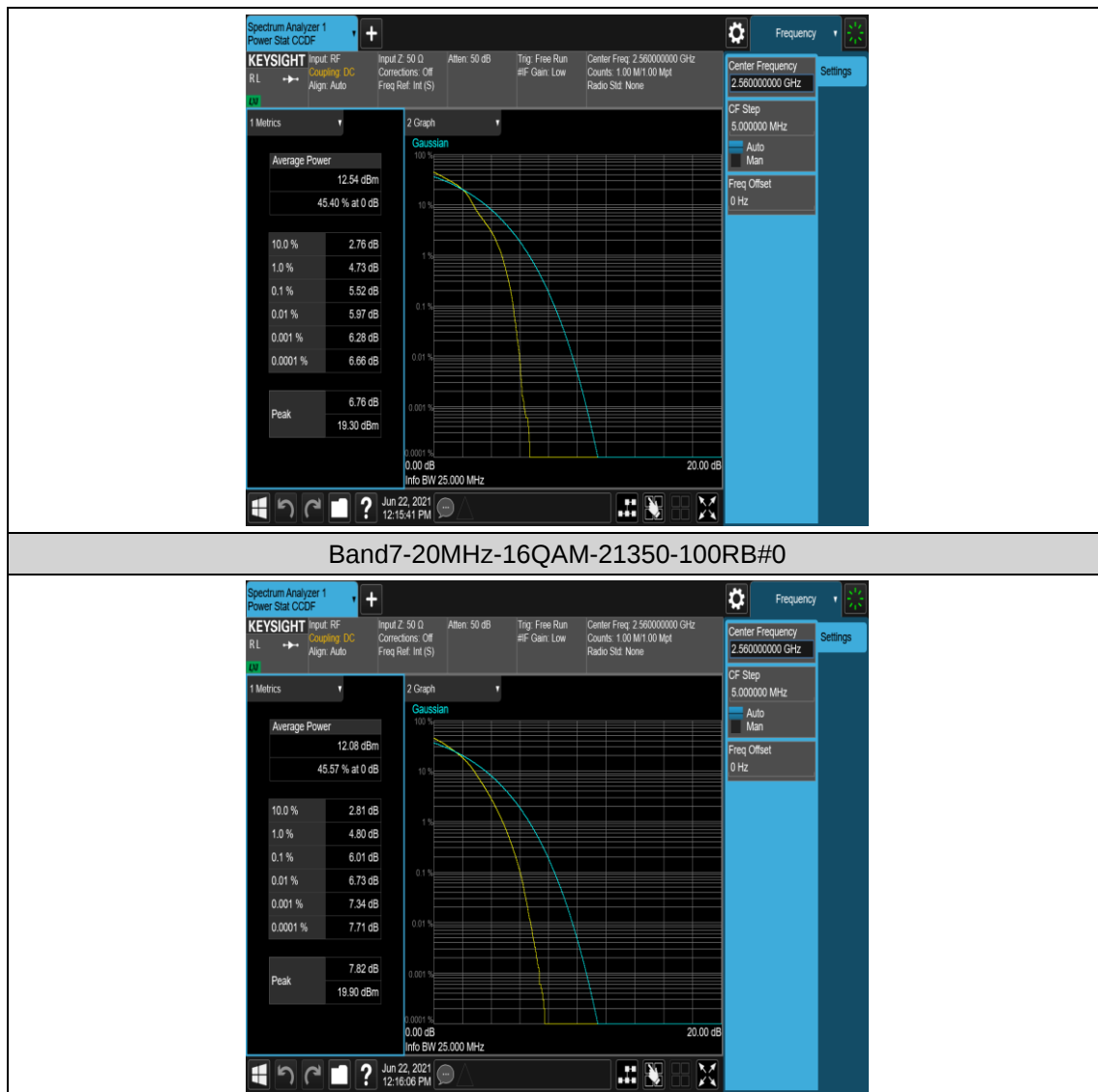
Band7-20MHz-16QAM-21100-1RB#0



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



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



Appendix C: 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	4.5044	4.953	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4965	4.908	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4981	4.943	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5042	4.917	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5011	4.922	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5003	4.913	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9773	9.585	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9698	9.569	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9746	9.556	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9678	9.579	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9591	9.606	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9569	9.569	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.477	14.32	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.442	14.32	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.438	14.28	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.462	14.31	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.447	14.28	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.427	14.26	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.973	19.02	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.914	19.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.941	18.96	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.977	19.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.944	19.02	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.929	18.99	PASS

Test Graphs

