

Appendix for Band 71

Product Name: 4G Smart Router

Model No: GL-MiFiC4-EXT

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	23.81	PASS
Band71	5MHz	QPSK	133147	1RB#12	23.95	PASS
Band71	5MHz	QPSK	133147	1RB#24	23.75	PASS
Band71	5MHz	QPSK	133147	12RB#0	22.84	PASS
Band71	5MHz	QPSK	133147	12RB#6	22.82	PASS
Band71	5MHz	QPSK	133147	12RB#13	22.86	PASS
Band71	5MHz	QPSK	133147	25RB#0	22.87	PASS
Band71	5MHz	QPSK	133297	1RB#0	23.59	PASS
Band71	5MHz	QPSK	133297	1RB#12	23.87	PASS
Band71	5MHz	QPSK	133297	1RB#24	23.73	PASS
Band71	5MHz	QPSK	133297	12RB#0	22.66	PASS
Band71	5MHz	QPSK	133297	12RB#6	22.66	PASS
Band71	5MHz	QPSK	133297	12RB#13	22.65	PASS
Band71	5MHz	QPSK	133297	25RB#0	22.65	PASS
Band71	5MHz	QPSK	133447	1RB#0	23.62	PASS
Band71	5MHz	QPSK	133447	1RB#12	23.68	PASS
Band71	5MHz	QPSK	133447	1RB#24	23.64	PASS
Band71	5MHz	QPSK	133447	12RB#0	22.66	PASS
Band71	5MHz	QPSK	133447	12RB#6	22.66	PASS
Band71	5MHz	QPSK	133447	12RB#13	22.63	PASS
Band71	5MHz	QPSK	133447	25RB#0	22.54	PASS
Band71	5MHz	16QAM	133147	1RB#0	22.87	PASS
Band71	5MHz	16QAM	133147	1RB#12	22.95	PASS
Band71	5MHz	16QAM	133147	1RB#24	22.74	PASS
Band71	5MHz	16QAM	133147	12RB#0	21.80	PASS
Band71	5MHz	16QAM	133147	12RB#6	21.69	PASS
Band71	5MHz	16QAM	133147	12RB#13	21.90	PASS
Band71	5MHz	16QAM	133147	25RB#0	22.06	PASS
Band71	5MHz	16QAM	133297	1RB#0	22.61	PASS
Band71	5MHz	16QAM	133297	1RB#12	22.78	PASS
Band71	5MHz	16QAM	133297	1RB#24	22.68	PASS

Band71	5MHz	16QAM	133297	12RB#0	21.78	PASS
Band71	5MHz	16QAM	133297	12RB#6	21.86	PASS
Band71	5MHz	16QAM	133297	12RB#13	21.78	PASS
Band71	5MHz	16QAM	133297	25RB#0	21.60	PASS
Band71	5MHz	16QAM	133447	1RB#0	22.66	PASS
Band71	5MHz	16QAM	133447	1RB#12	22.54	PASS
Band71	5MHz	16QAM	133447	1RB#24	22.50	PASS
Band71	5MHz	16QAM	133447	12RB#0	21.75	PASS
Band71	5MHz	16QAM	133447	12RB#6	21.63	PASS
Band71	5MHz	16QAM	133447	12RB#13	21.64	PASS
Band71	5MHz	16QAM	133447	25RB#0	21.75	PASS
Band71	10MHz	QPSK	133172	1RB#0	23.68	PASS
Band71	10MHz	QPSK	133172	1RB#24	23.73	PASS
Band71	10MHz	QPSK	133172	1RB#49	23.79	PASS
Band71	10MHz	QPSK	133172	25RB#0	22.96	PASS
Band71	10MHz	QPSK	133172	25RB#12	22.95	PASS
Band71	10MHz	QPSK	133172	25RB#25	22.83	PASS
Band71	10MHz	QPSK	133172	50RB#0	22.95	PASS
Band71	10MHz	QPSK	133297	1RB#0	23.62	PASS
Band71	10MHz	QPSK	133297	1RB#24	23.76	PASS
Band71	10MHz	QPSK	133297	1RB#49	23.51	PASS
Band71	10MHz	QPSK	133297	25RB#0	22.86	PASS
Band71	10MHz	QPSK	133297	25RB#12	22.84	PASS
Band71	10MHz	QPSK	133297	25RB#25	22.75	PASS
Band71	10MHz	QPSK	133297	50RB#0	22.77	PASS
Band71	10MHz	QPSK	133422	1RB#0	23.65	PASS
Band71	10MHz	QPSK	133422	1RB#24	24.21	PASS
Band71	10MHz	QPSK	133422	1RB#49	23.79	PASS
Band71	10MHz	QPSK	133422	25RB#0	22.74	PASS
Band71	10MHz	QPSK	133422	25RB#12	22.73	PASS
Band71	10MHz	QPSK	133422	25RB#25	22.94	PASS
Band71	10MHz	QPSK	133422	50RB#0	22.78	PASS
Band71	10MHz	16QAM	133172	1RB#0	22.70	PASS
Band71	10MHz	16QAM	133172	1RB#24	23.27	PASS
Band71	10MHz	16QAM	133172	1RB#49	23.05	PASS
Band71	10MHz	16QAM	133172	25RB#0	21.82	PASS
Band71	10MHz	16QAM	133172	25RB#12	21.99	PASS

Band71	10MHz	16QAM	133172	25RB#25	21.89	PASS
Band71	10MHz	16QAM	133172	50RB#0	22.01	PASS
Band71	10MHz	16QAM	133297	1RB#0	22.57	PASS
Band71	10MHz	16QAM	133297	1RB#24	22.69	PASS
Band71	10MHz	16QAM	133297	1RB#49	22.42	PASS
Band71	10MHz	16QAM	133297	25RB#0	21.94	PASS
Band71	10MHz	16QAM	133297	25RB#12	21.84	PASS
Band71	10MHz	16QAM	133297	25RB#25	21.94	PASS
Band71	10MHz	16QAM	133297	50RB#0	21.75	PASS
Band71	10MHz	16QAM	133422	1RB#0	22.85	PASS
Band71	10MHz	16QAM	133422	1RB#24	23.60	PASS
Band71	10MHz	16QAM	133422	1RB#49	22.93	PASS
Band71	10MHz	16QAM	133422	25RB#0	22.05	PASS
Band71	10MHz	16QAM	133422	25RB#12	21.83	PASS
Band71	10MHz	16QAM	133422	25RB#25	21.96	PASS
Band71	10MHz	16QAM	133422	50RB#0	21.86	PASS
Band71	15MHz	QPSK	133197	1RB#0	23.65	PASS
Band71	15MHz	QPSK	133197	1RB#38	23.83	PASS
Band71	15MHz	QPSK	133197	1RB#74	23.59	PASS
Band71	15MHz	QPSK	133197	38RB#0	22.81	PASS
Band71	15MHz	QPSK	133197	38RB#18	22.94	PASS
Band71	15MHz	QPSK	133197	38RB#37	22.73	PASS
Band71	15MHz	QPSK	133197	75RB#0	22.91	PASS
Band71	15MHz	QPSK	133297	1RB#0	23.73	PASS
Band71	15MHz	QPSK	133297	1RB#38	23.59	PASS
Band71	15MHz	QPSK	133297	1RB#74	23.60	PASS
Band71	15MHz	QPSK	133297	38RB#0	22.76	PASS
Band71	15MHz	QPSK	133297	38RB#18	22.63	PASS
Band71	15MHz	QPSK	133297	38RB#37	22.75	PASS
Band71	15MHz	QPSK	133297	75RB#0	22.77	PASS
Band71	15MHz	QPSK	133397	1RB#0	23.67	PASS
Band71	15MHz	QPSK	133397	1RB#38	23.92	PASS
Band71	15MHz	QPSK	133397	1RB#74	23.67	PASS
Band71	15MHz	QPSK	133397	38RB#0	22.90	PASS
Band71	15MHz	QPSK	133397	38RB#18	23.60	PASS
Band71	15MHz	QPSK	133397	38RB#37	22.90	PASS
Band71	15MHz	QPSK	133397	75RB#0	22.92	PASS

Band71	15MHz	16QAM	133197	1RB#0	22.82	PASS
Band71	15MHz	16QAM	133197	1RB#38	22.87	PASS
Band71	15MHz	16QAM	133197	1RB#74	22.38	PASS
Band71	15MHz	16QAM	133197	38RB#0	22.80	PASS
Band71	15MHz	16QAM	133197	38RB#18	22.82	PASS
Band71	15MHz	16QAM	133197	38RB#37	22.72	PASS
Band71	15MHz	16QAM	133197	75RB#0	21.96	PASS
Band71	15MHz	16QAM	133297	1RB#0	22.97	PASS
Band71	15MHz	16QAM	133297	1RB#38	22.66	PASS
Band71	15MHz	16QAM	133297	1RB#74	22.59	PASS
Band71	15MHz	16QAM	133297	38RB#0	22.94	PASS
Band71	15MHz	16QAM	133297	38RB#18	22.63	PASS
Band71	15MHz	16QAM	133297	38RB#37	22.65	PASS
Band71	15MHz	16QAM	133297	75RB#0	21.87	PASS
Band71	15MHz	16QAM	133397	1RB#0	22.92	PASS
Band71	15MHz	16QAM	133397	1RB#38	23.70	PASS
Band71	15MHz	16QAM	133397	1RB#74	22.94	PASS
Band71	15MHz	16QAM	133397	38RB#0	22.90	PASS
Band71	15MHz	16QAM	133397	38RB#18	23.68	PASS
Band71	15MHz	16QAM	133397	38RB#37	22.93	PASS
Band71	15MHz	16QAM	133397	75RB#0	21.93	PASS
Band71	20MHz	QPSK	133222	1RB#0	23.63	PASS
Band71	20MHz	QPSK	133222	1RB#49	23.92	PASS
Band71	20MHz	QPSK	133222	1RB#99	23.61	PASS
Band71	20MHz	QPSK	133222	50RB#0	22.91	PASS
Band71	20MHz	QPSK	133222	50RB#25	22.98	PASS
Band71	20MHz	QPSK	133222	50RB#50	22.95	PASS
Band71	20MHz	QPSK	133222	100RB#0	22.96	PASS
Band71	20MHz	QPSK	133322	1RB#0	23.71	PASS
Band71	20MHz	QPSK	133322	1RB#49	24.12	PASS
Band71	20MHz	QPSK	133322	1RB#99	23.74	PASS
Band71	20MHz	QPSK	133322	50RB#0	22.93	PASS
Band71	20MHz	QPSK	133322	50RB#25	22.93	PASS
Band71	20MHz	QPSK	133322	50RB#50	22.82	PASS
Band71	20MHz	QPSK	133322	100RB#0	22.88	PASS
Band71	20MHz	QPSK	133372	1RB#0	23.77	PASS
Band71	20MHz	QPSK	133372	1RB#49	24.11	PASS

Band71	20MHz	QPSK	133372	1RB#99	23.47	PASS
Band71	20MHz	QPSK	133372	50RB#0	22.84	PASS
Band71	20MHz	QPSK	133372	50RB#25	22.84	PASS
Band71	20MHz	QPSK	133372	50RB#50	23.00	PASS
Band71	20MHz	QPSK	133372	100RB#0	22.93	PASS
Band71	20MHz	16QAM	133222	1RB#0	22.78	PASS
Band71	20MHz	16QAM	133222	1RB#49	23.47	PASS
Band71	20MHz	16QAM	133222	1RB#99	22.75	PASS
Band71	20MHz	16QAM	133222	50RB#0	21.97	PASS
Band71	20MHz	16QAM	133222	50RB#25	22.13	PASS
Band71	20MHz	16QAM	133222	50RB#50	21.91	PASS
Band71	20MHz	16QAM	133222	100RB#0	21.94	PASS
Band71	20MHz	16QAM	133322	1RB#0	23.57	PASS
Band71	20MHz	16QAM	133322	1RB#49	23.45	PASS
Band71	20MHz	16QAM	133322	1RB#99	23.31	PASS
Band71	20MHz	16QAM	133322	50RB#0	21.97	PASS
Band71	20MHz	16QAM	133322	50RB#25	21.96	PASS
Band71	20MHz	16QAM	133322	50RB#50	21.84	PASS
Band71	20MHz	16QAM	133322	100RB#0	21.88	PASS
Band71	20MHz	16QAM	133372	1RB#0	22.71	PASS
Band71	20MHz	16QAM	133372	1RB#49	22.90	PASS
Band71	20MHz	16QAM	133372	1RB#99	22.58	PASS
Band71	20MHz	16QAM	133372	50RB#0	21.92	PASS
Band71	20MHz	16QAM	133372	50RB#25	21.98	PASS
Band71	20MHz	16QAM	133372	50RB#50	22.05	PASS
Band71	20MHz	16QAM	133372	100RB#0	21.93	PASS

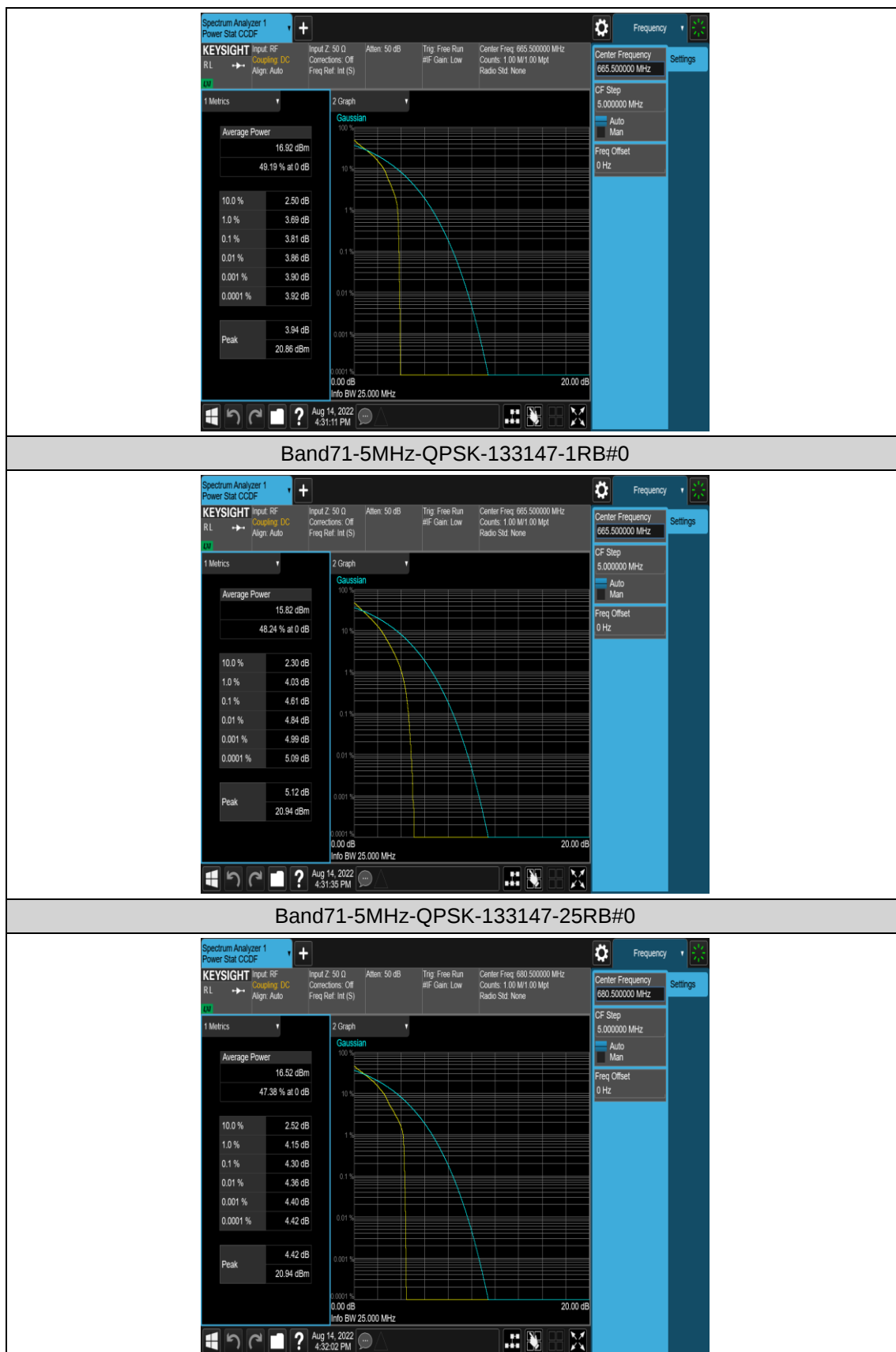
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

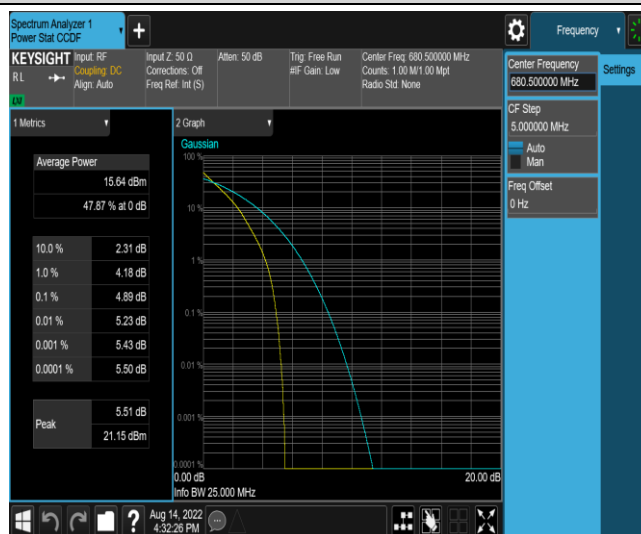
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	3.81	13	PASS
Band71	5MHz	QPSK	133147	25RB#0	4.61	13	PASS
Band71	5MHz	QPSK	133297	1RB#0	4.30	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.89	13	PASS
Band71	5MHz	QPSK	133447	1RB#0	4.31	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.94	13	PASS
Band71	5MHz	16QAM	133147	1RB#0	4.88	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	5.39	13	PASS
Band71	5MHz	16QAM	133297	1RB#0	5.22	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	5.71	13	PASS
Band71	5MHz	16QAM	133447	1RB#0	5.17	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	5.71	13	PASS
Band71	10MHz	QPSK	133172	1RB#0	3.84	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	4.58	13	PASS
Band71	10MHz	QPSK	133297	1RB#0	4.23	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	4.83	13	PASS
Band71	10MHz	QPSK	133422	1RB#0	4.32	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	4.87	13	PASS
Band71	10MHz	16QAM	133172	1RB#0	4.59	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	5.40	13	PASS
Band71	10MHz	16QAM	133297	1RB#0	5.10	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	5.66	13	PASS
Band71	10MHz	16QAM	133422	1RB#0	5.37	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	5.74	13	PASS
Band71	15MHz	QPSK	133197	1RB#0	3.81	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.05	13	PASS
Band71	15MHz	QPSK	133297	1RB#0	4.15	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	5.03	13	PASS
Band71	15MHz	QPSK	133397	1RB#0	4.07	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	4.97	13	PASS
Band71	15MHz	16QAM	133197	1RB#0	4.66	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	5.74	13	PASS
Band71	15MHz	16QAM	133297	1RB#0	5.05	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	5.75	13	PASS
Band71	15MHz	16QAM	133397	1RB#0	4.90	13	PASS
Band71	15MHz	16QAM	133397	75RB#0	5.78	13	PASS

Band71	20MHz	QPSK	133222	1RB#0	3.65	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	4.88	13	PASS
Band71	20MHz	QPSK	133322	1RB#0	4.19	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.05	13	PASS
Band71	20MHz	QPSK	133372	1RB#0	4.05	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	4.99	13	PASS
Band71	20MHz	16QAM	133222	1RB#0	4.51	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	5.73	13	PASS
Band71	20MHz	16QAM	133322	1RB#0	5.01	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	5.80	13	PASS
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Band71	20MHz	16QAM	133372	100RB#0	5.78	13	PASS

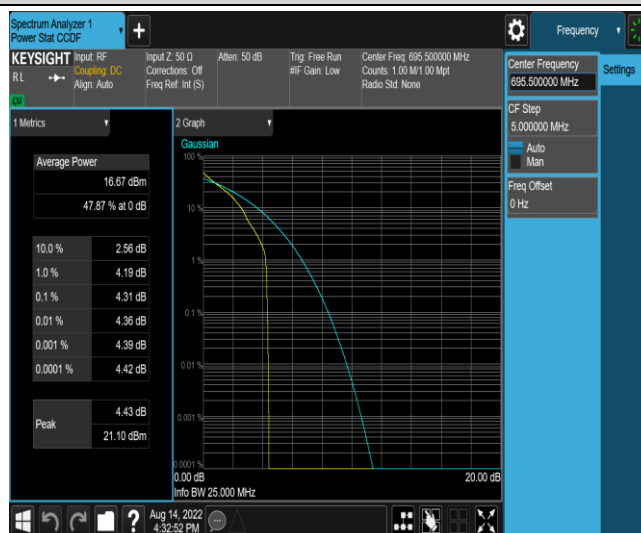
Test Graphs



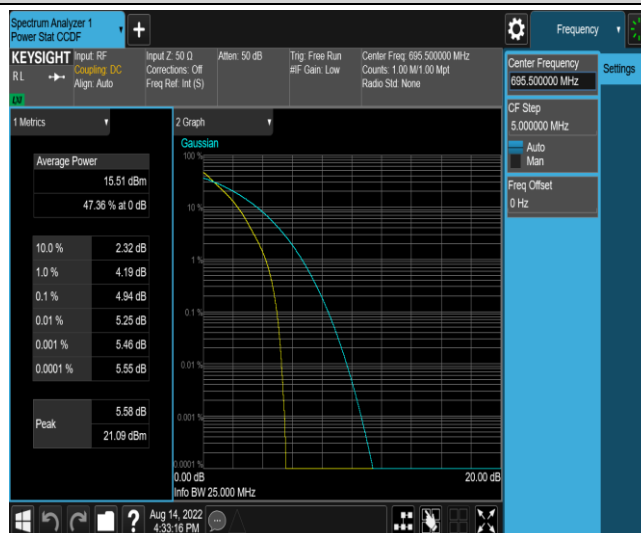
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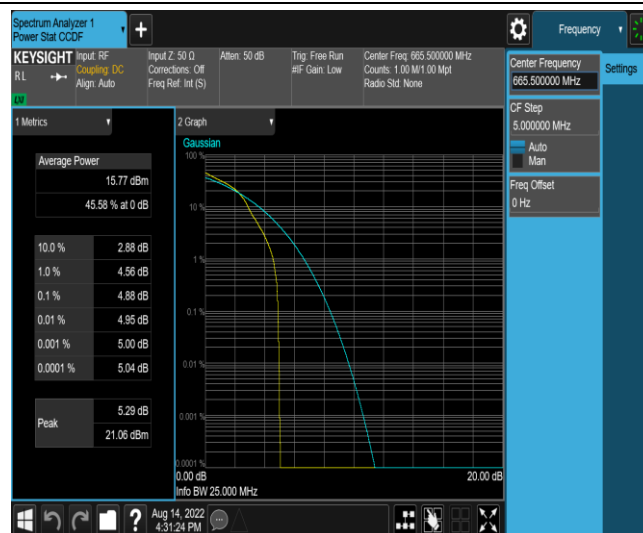
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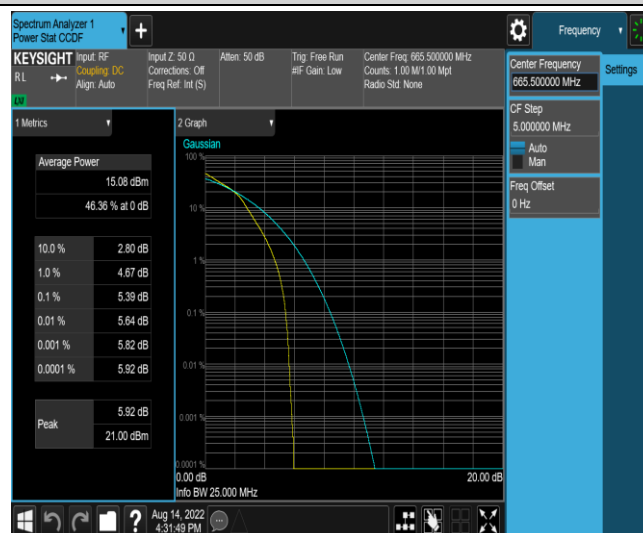
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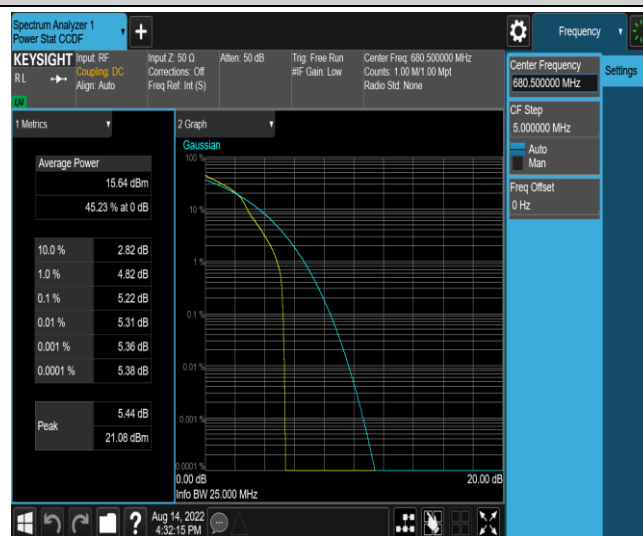
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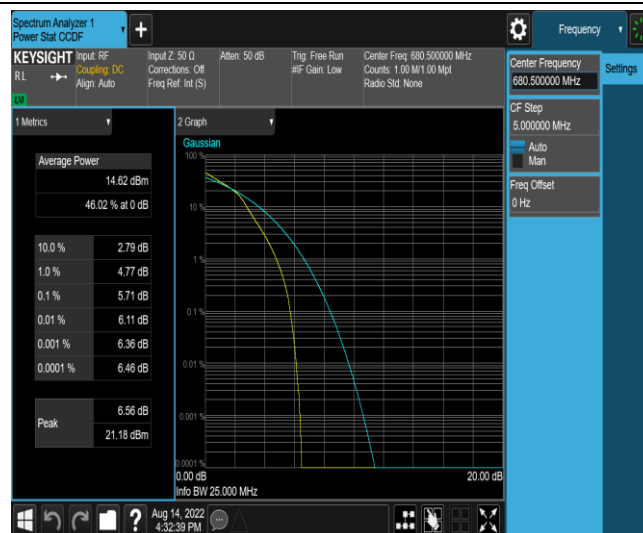
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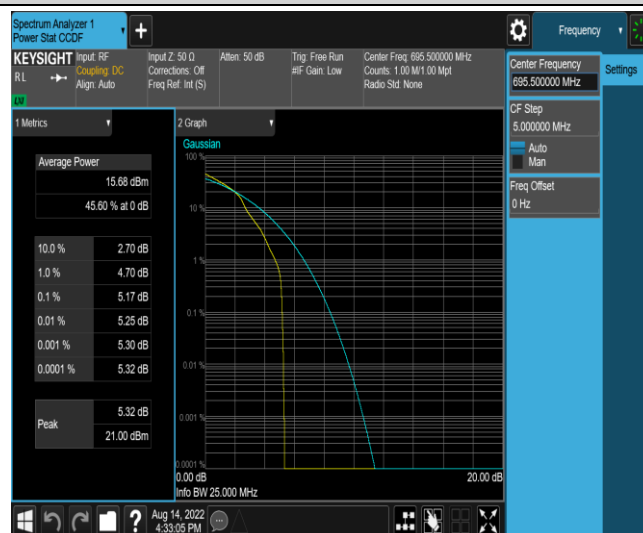
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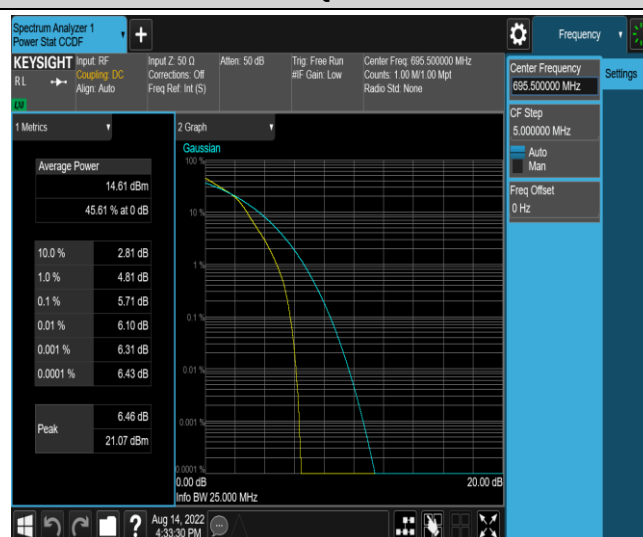
Band71-5MHz-16QAM-133297-1RB#0



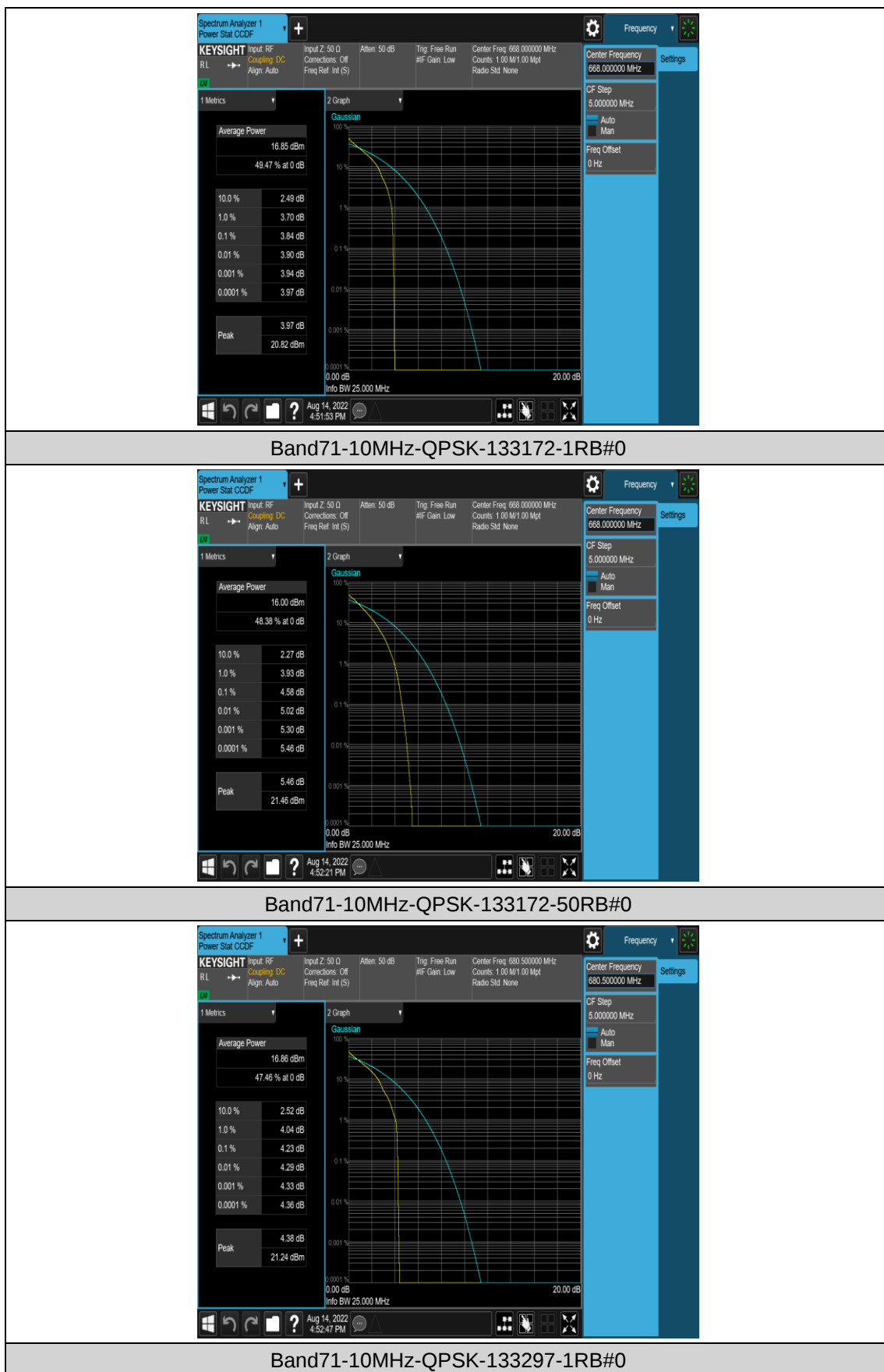
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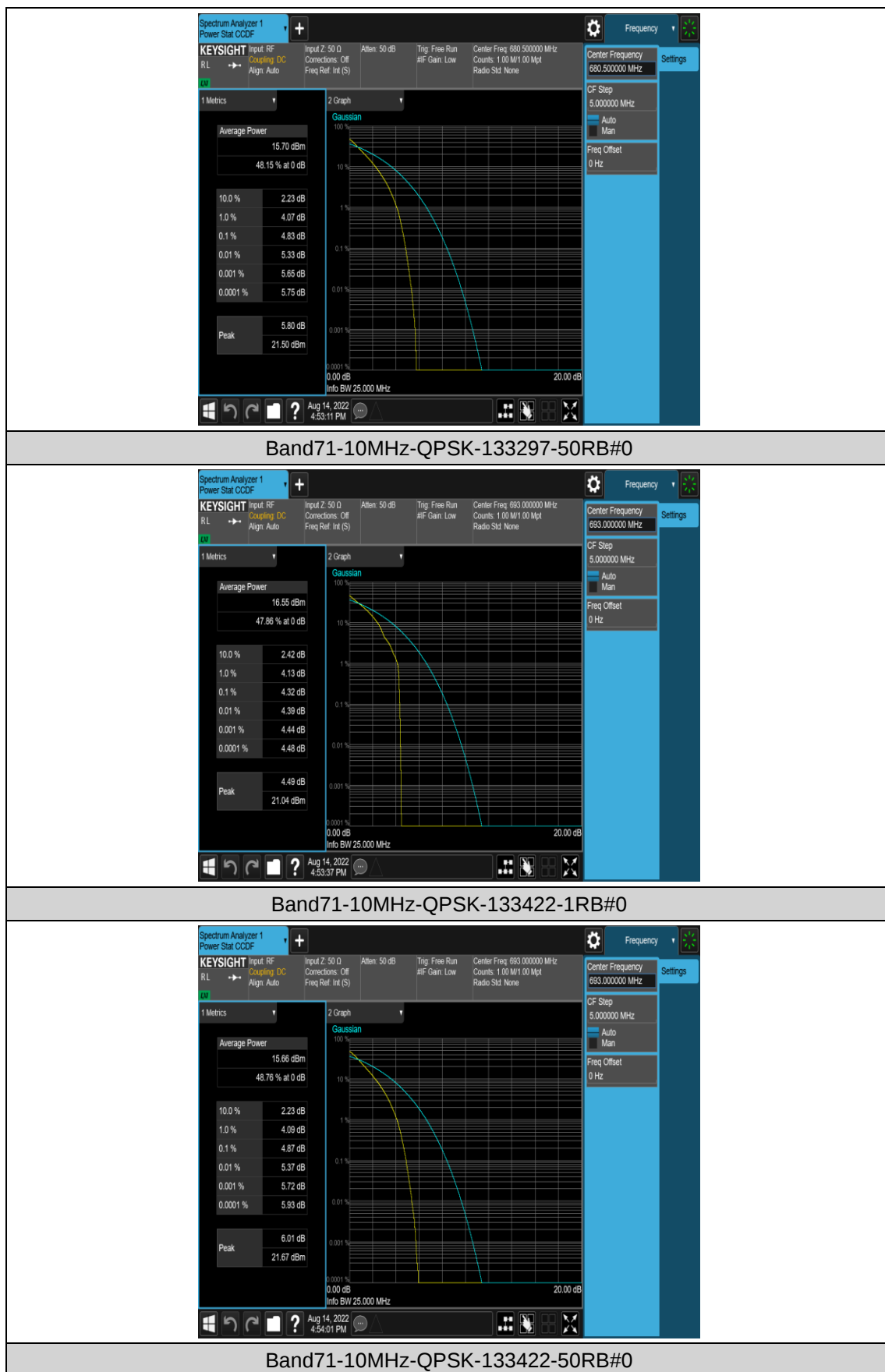


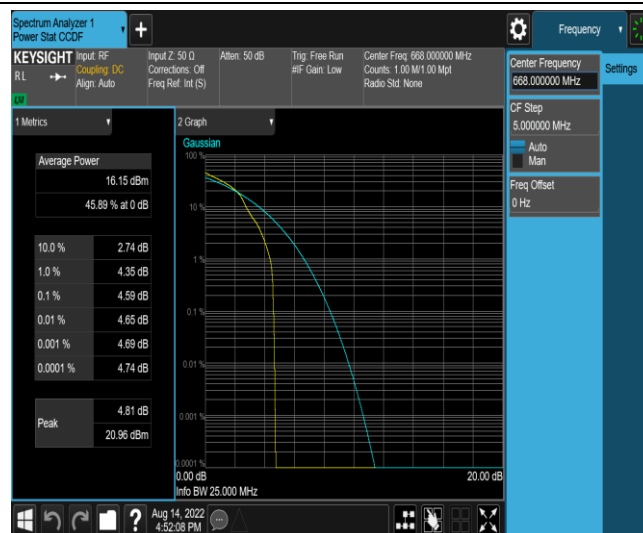
Band71-5MHz-16QAM-133447-1RB#0



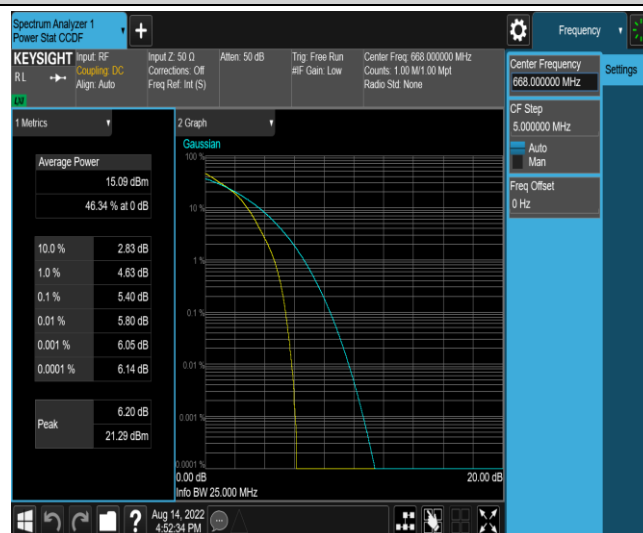
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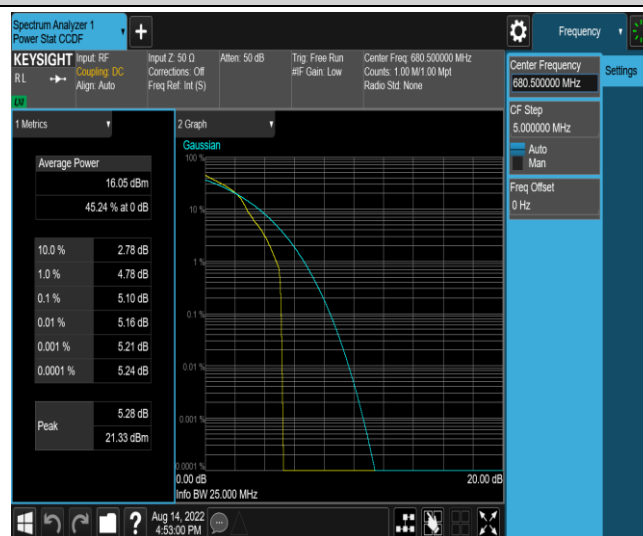




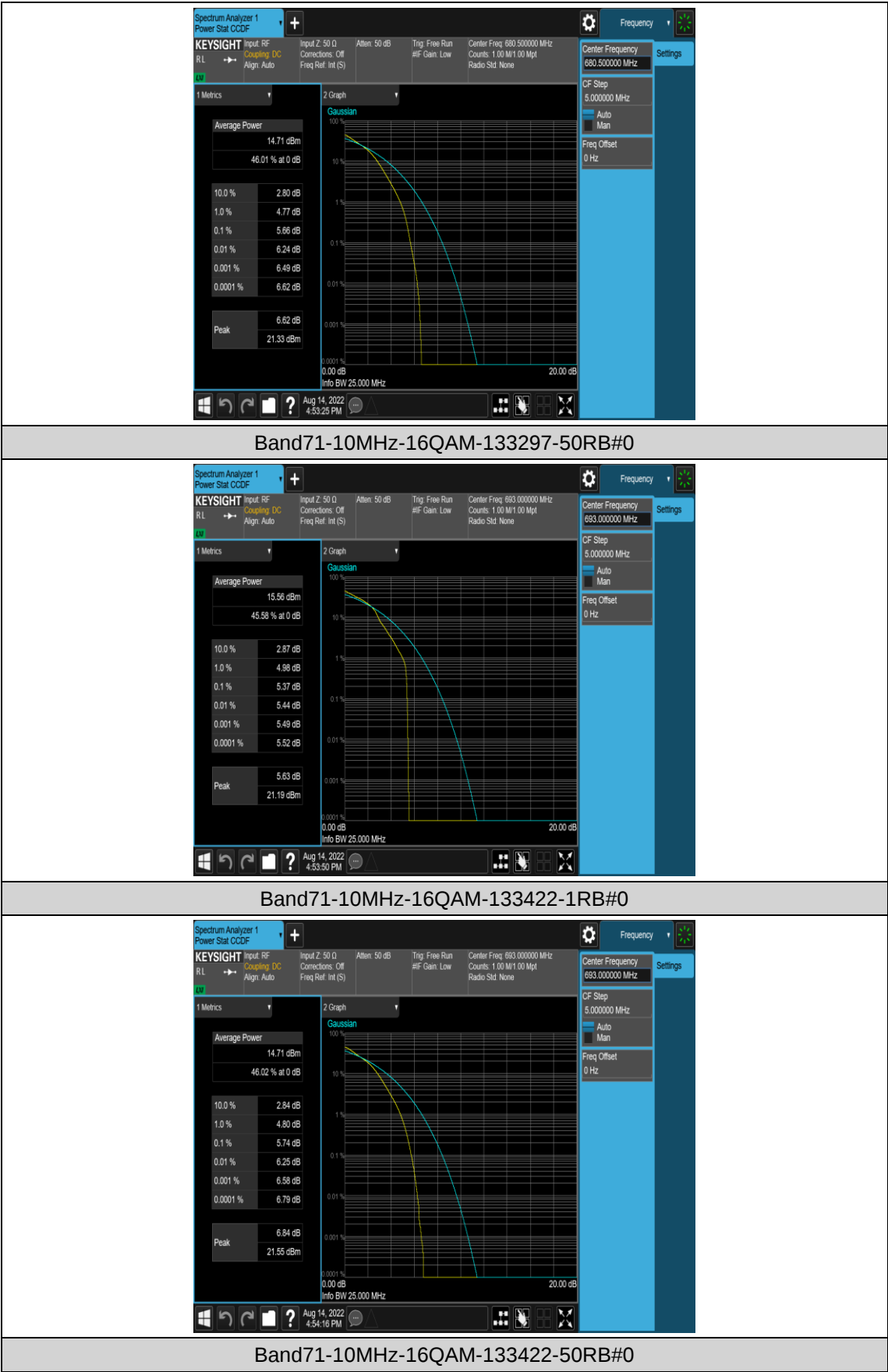
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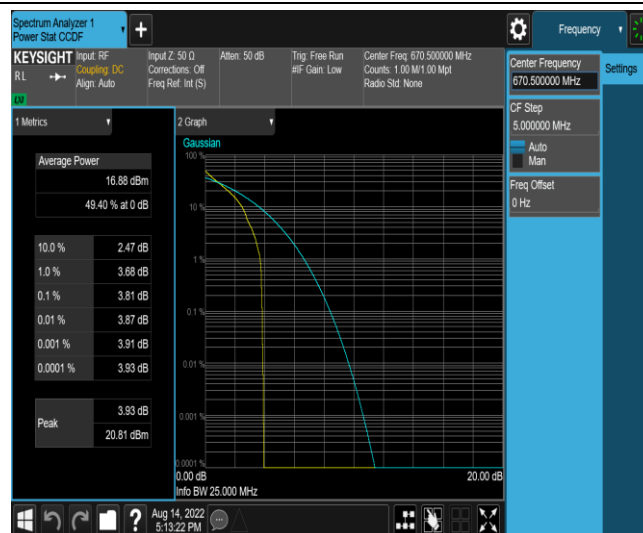


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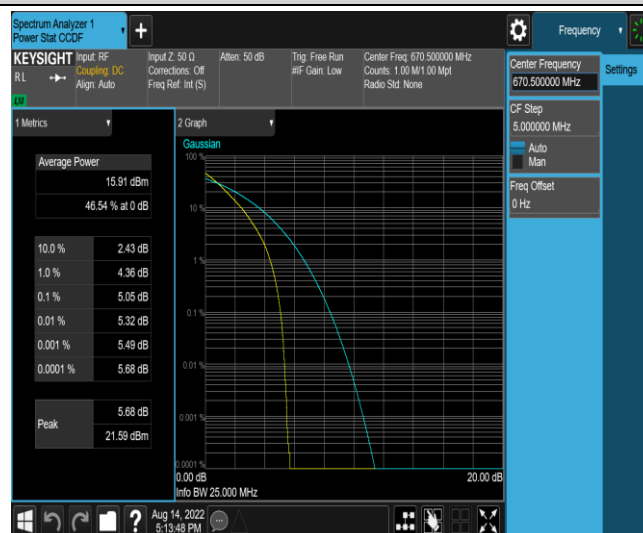


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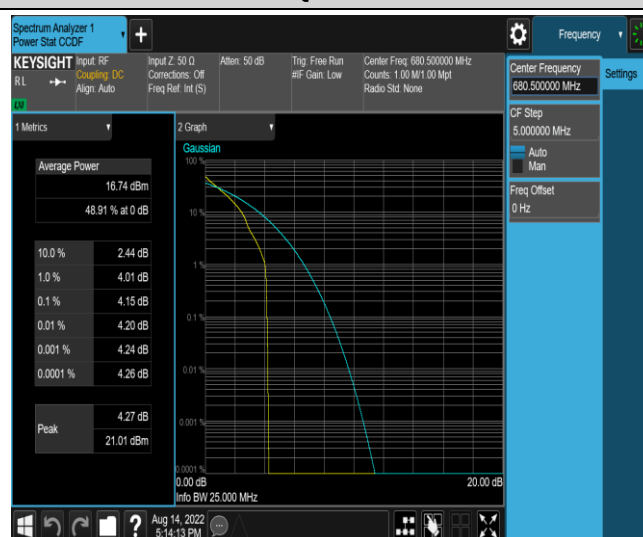




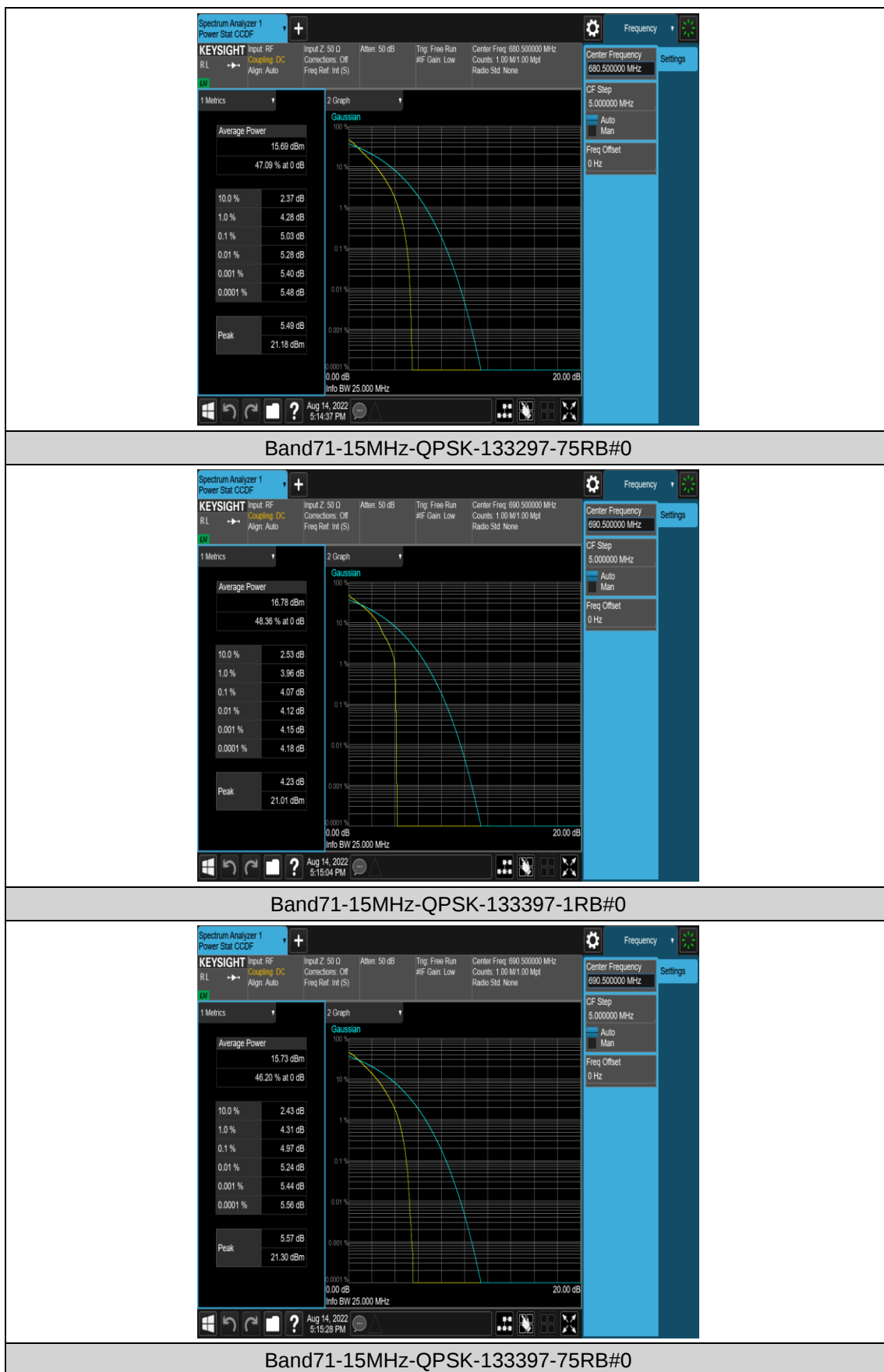
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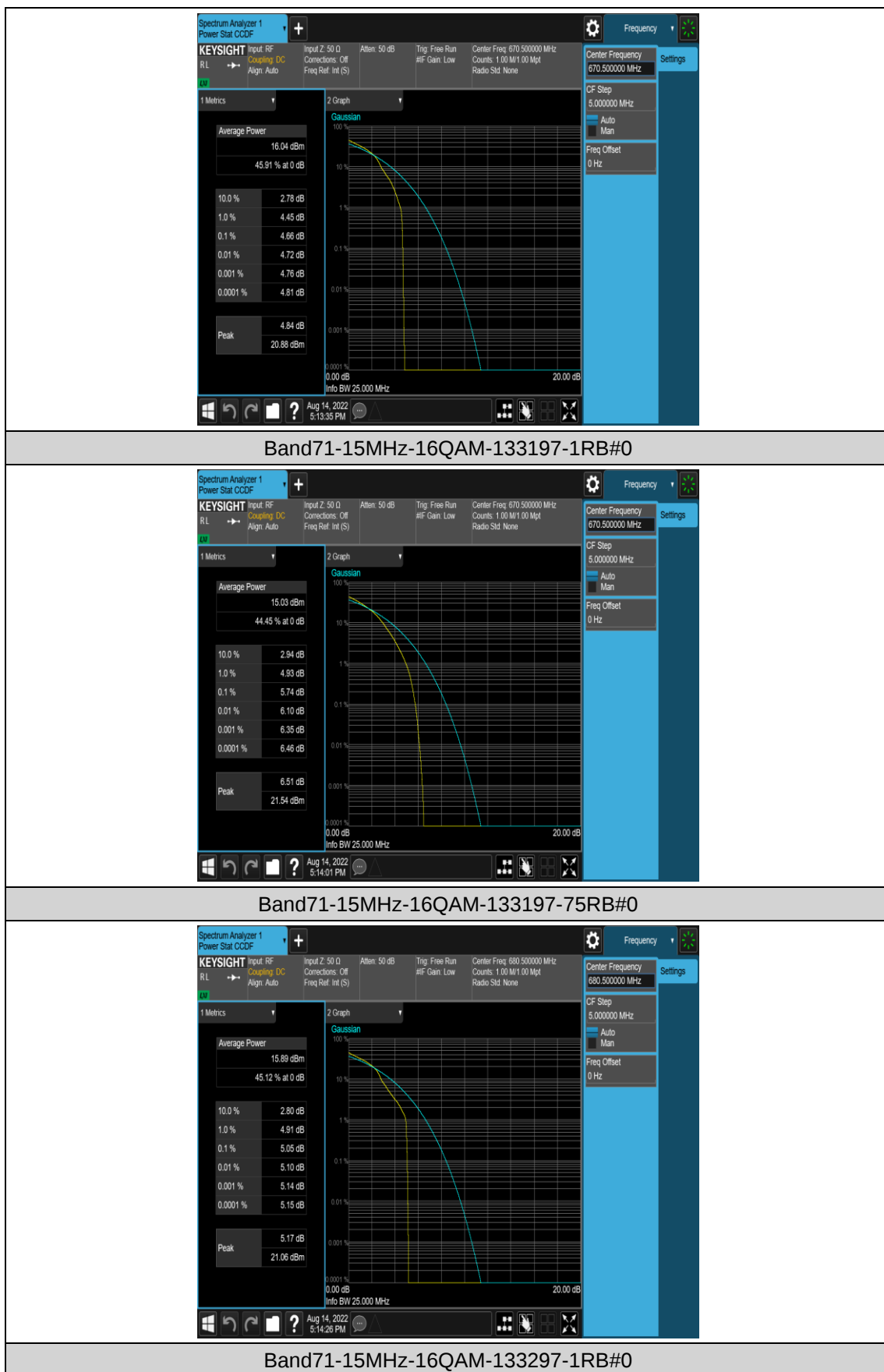


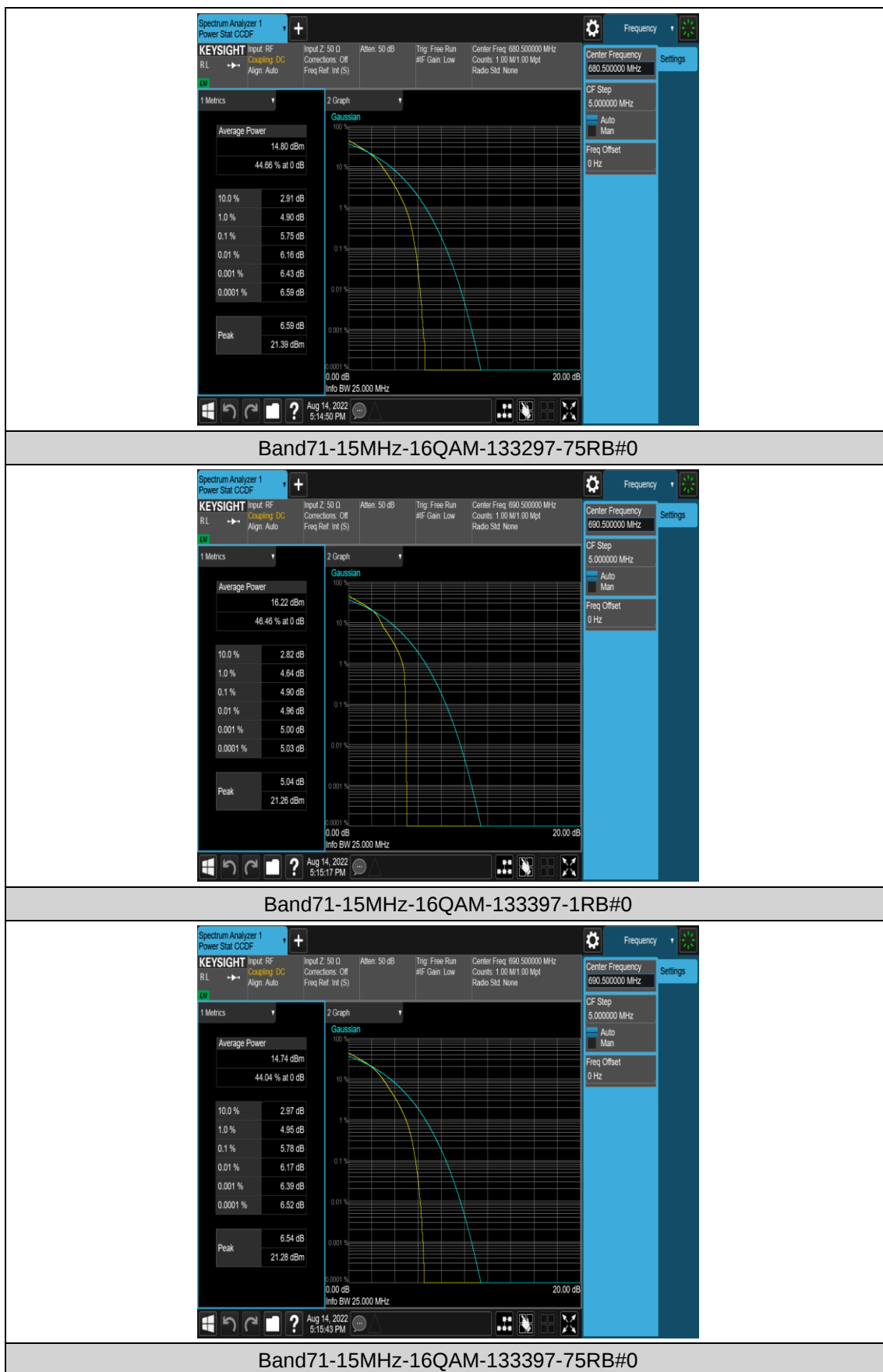
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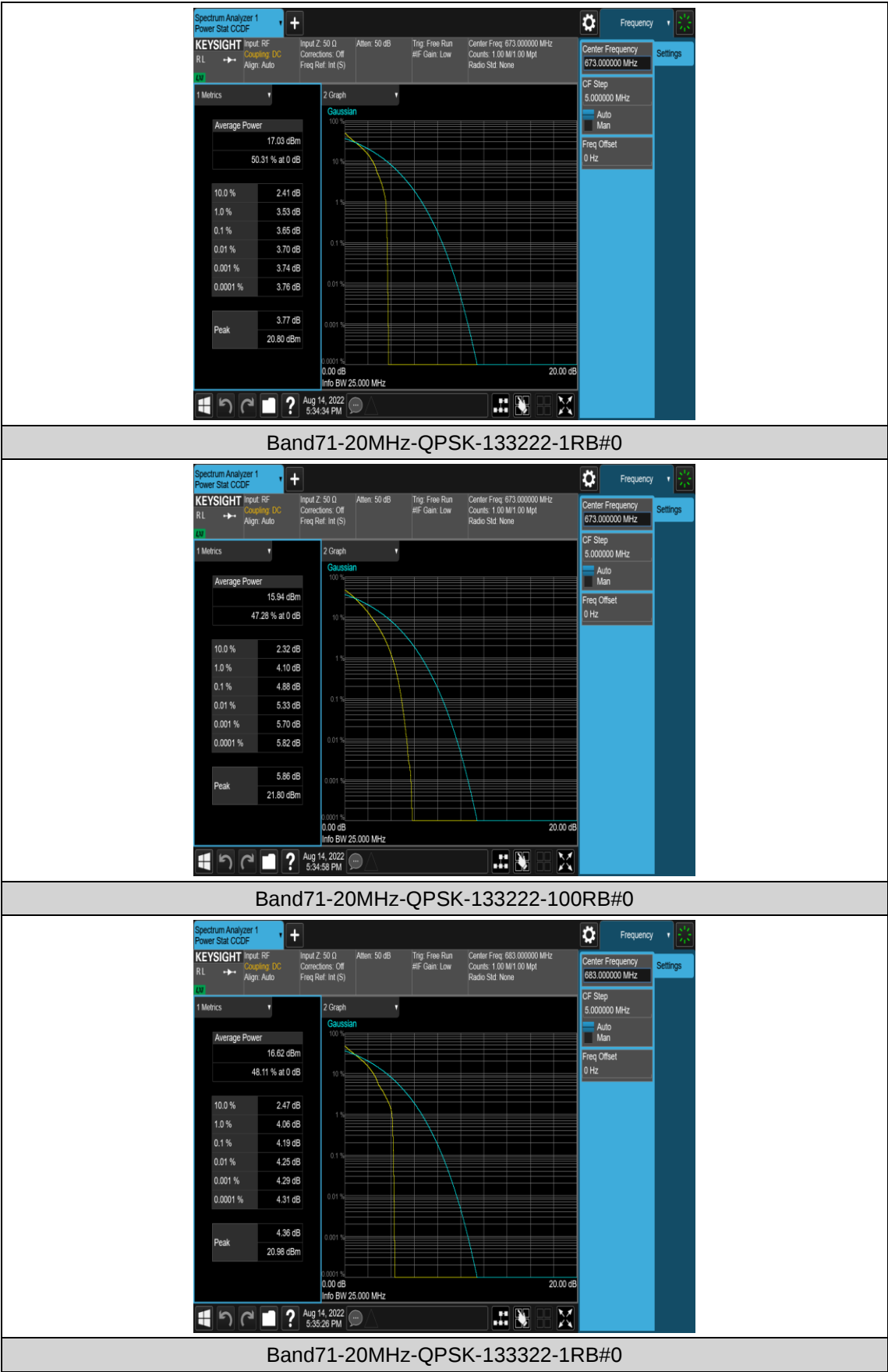


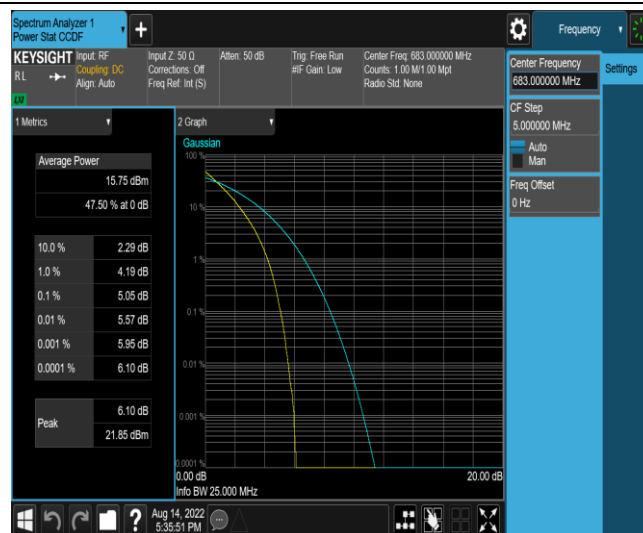
Band71-15MHz-QPSK-133297-1RB#0







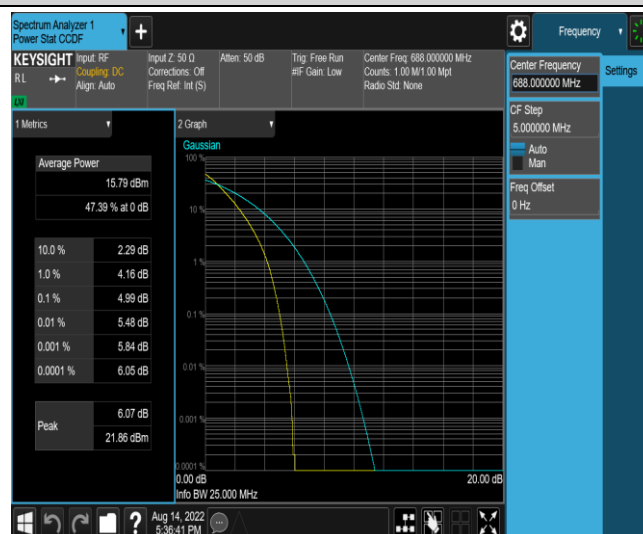




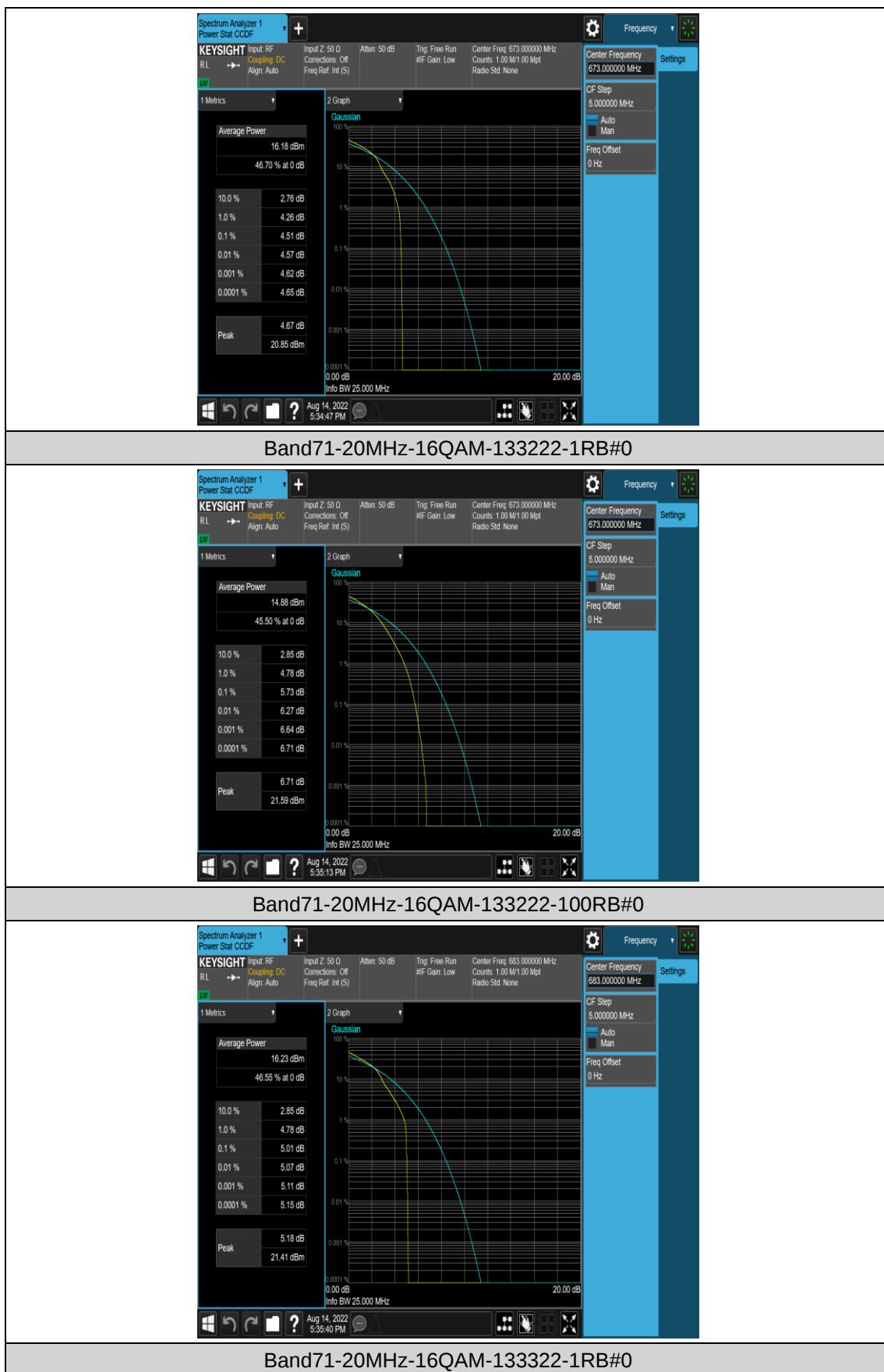
Band71-20MHz-QPSK-133322-100RB#0

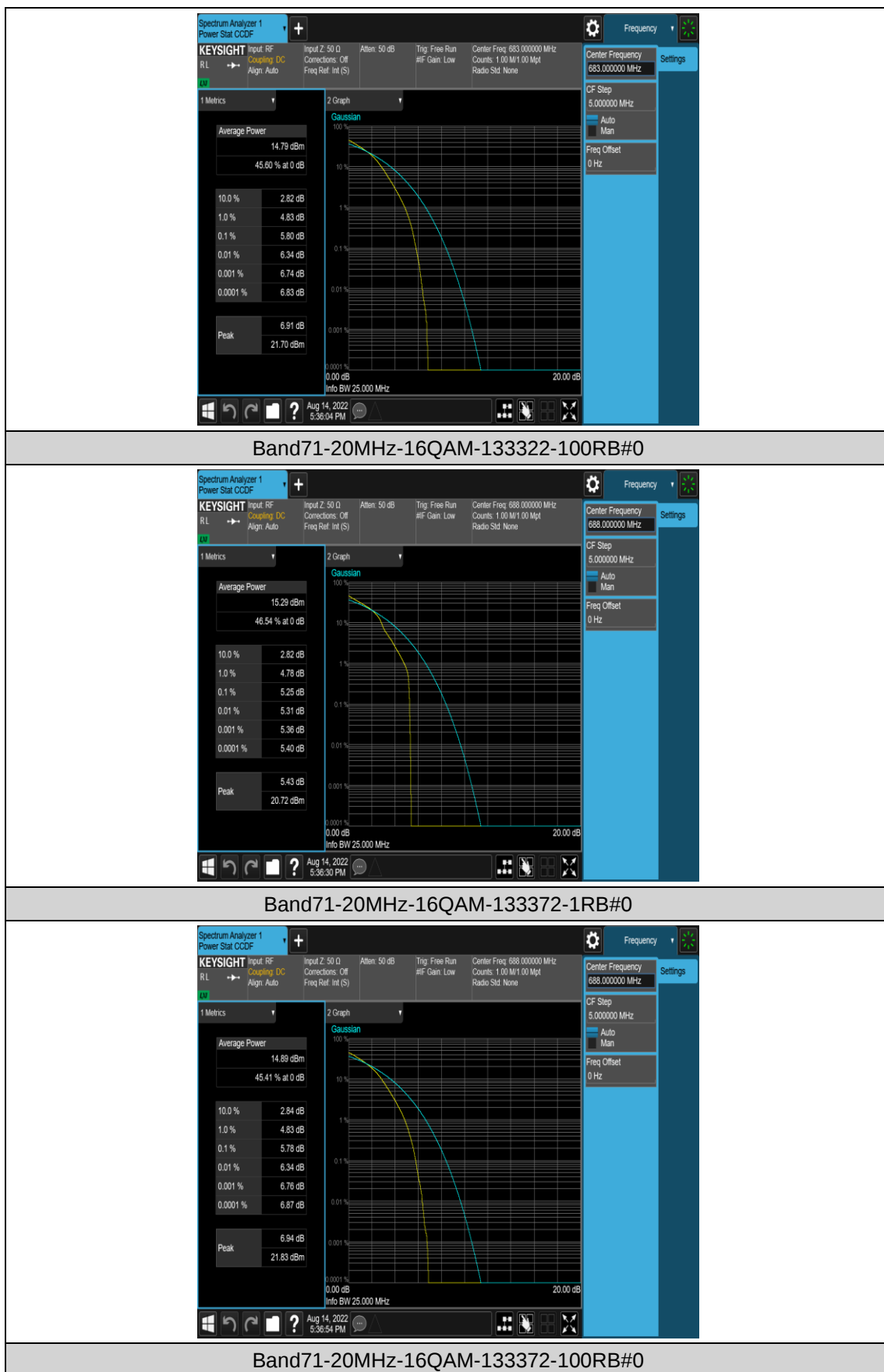


Band71-20MHz-QPSK-133372-1RB#0



Band71-20MHz-QPSK-133372-100RB#0





Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

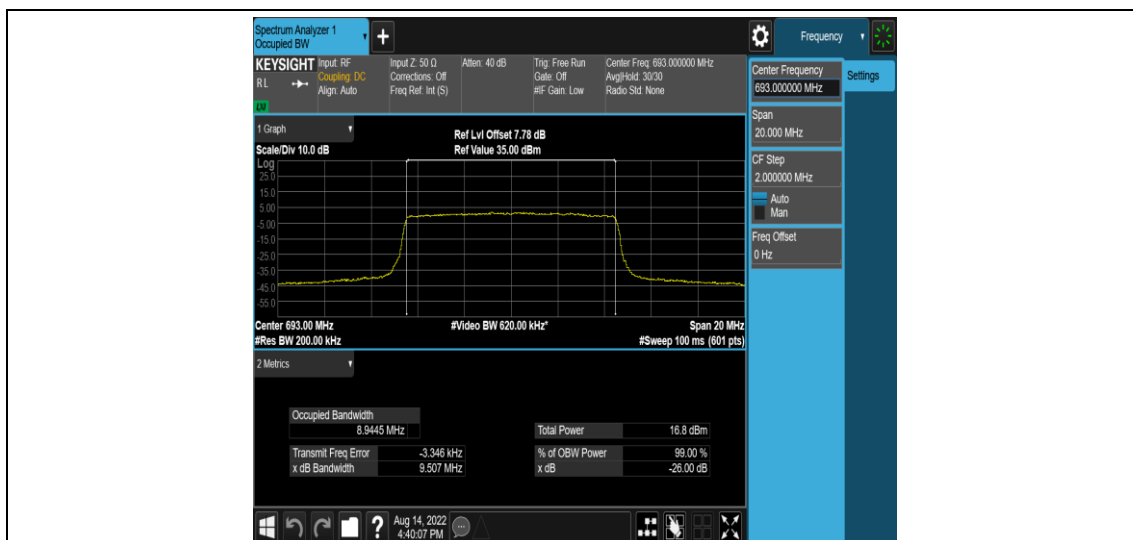
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.4957	4.888	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.5007	4.902	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.4955	4.865	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.4997	4.842	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.5026	4.872	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.4985	4.892	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.9541	9.541	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.9552	9.550	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.9445	9.507	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.9441	9.528	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.9383	9.519	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.9417	9.487	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.454	14.32	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.422	14.26	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.427	14.23	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.447	14.28	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.414	14.25	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.432	14.22	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.888	18.93	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.887	18.96	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.893	18.94	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.884	18.91	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.903	18.97	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.891	18.96	PASS

Test Graphs

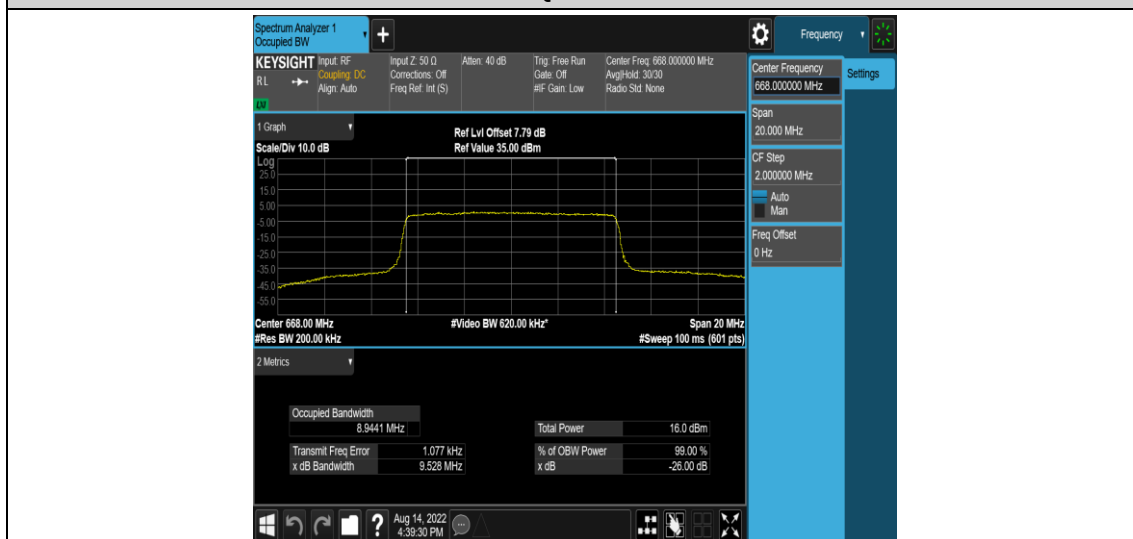




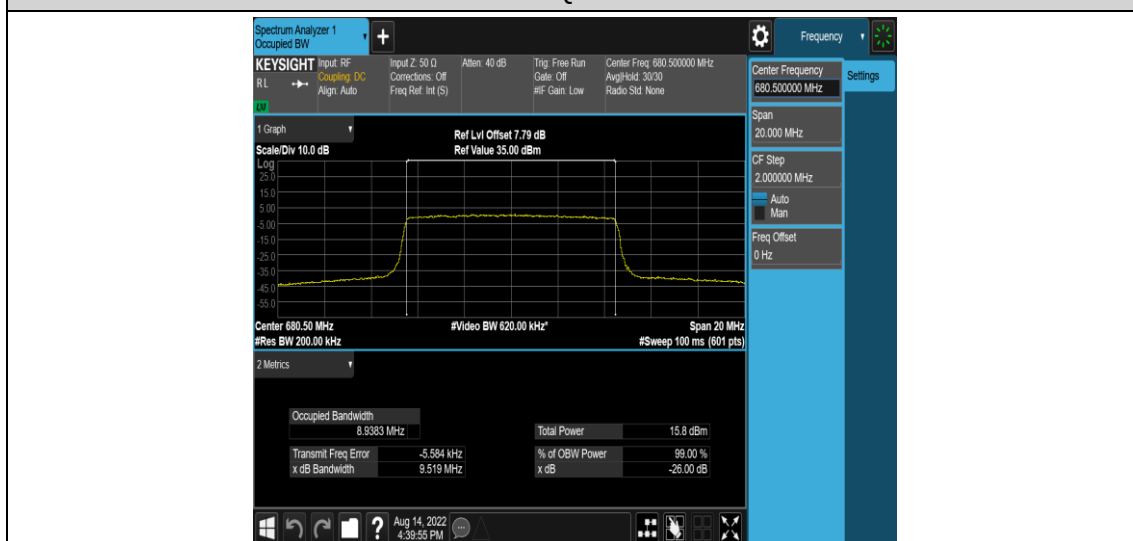




Band71-10MHz-QPSK-133422-50RB#0



Band71-10MHz-16QAM-133172-50RB#0



Band71-10MHz-16QAM-133297-50RB#0