

Appendix for Band 71

Product Name: Smart Phone

Model No: F91 5G

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	24.62	PASS
Band71	5MHz	QPSK	133147	1RB#12	24.60	PASS
Band71	5MHz	QPSK	133147	1RB#24	24.59	PASS
Band71	5MHz	QPSK	133147	12RB#0	23.33	PASS
Band71	5MHz	QPSK	133147	12RB#6	23.34	PASS
Band71	5MHz	QPSK	133147	12RB#13	23.42	PASS
Band71	5MHz	QPSK	133147	25RB#0	23.41	PASS
Band71	5MHz	QPSK	133297	1RB#0	24.51	PASS
Band71	5MHz	QPSK	133297	1RB#12	24.51	PASS
Band71	5MHz	QPSK	133297	1RB#24	24.47	PASS
Band71	5MHz	QPSK	133297	12RB#0	23.47	PASS
Band71	5MHz	QPSK	133297	12RB#6	23.47	PASS
Band71	5MHz	QPSK	133297	12RB#13	23.46	PASS
Band71	5MHz	QPSK	133297	25RB#0	23.43	PASS
Band71	5MHz	QPSK	133447	1RB#0	24.55	PASS
Band71	5MHz	QPSK	133447	1RB#12	24.56	PASS
Band71	5MHz	QPSK	133447	1RB#24	24.57	PASS
Band71	5MHz	QPSK	133447	12RB#0	23.43	PASS
Band71	5MHz	QPSK	133447	12RB#6	23.43	PASS
Band71	5MHz	QPSK	133447	12RB#13	23.47	PASS
Band71	5MHz	QPSK	133447	25RB#0	23.42	PASS
Band71	5MHz	16QAM	133147	1RB#0	23.35	PASS
Band71	5MHz	16QAM	133147	1RB#12	23.33	PASS
Band71	5MHz	16QAM	133147	1RB#24	23.34	PASS
Band71	5MHz	16QAM	133147	12RB#0	22.34	PASS
Band71	5MHz	16QAM	133147	12RB#6	22.35	PASS
Band71	5MHz	16QAM	133147	12RB#13	22.41	PASS
Band71	5MHz	16QAM	133147	25RB#0	22.39	PASS
Band71	5MHz	16QAM	133297	1RB#0	23.48	PASS
Band71	5MHz	16QAM	133297	1RB#12	23.49	PASS
Band71	5MHz	16QAM	133297	1RB#24	23.47	PASS
Band71	5MHz	16QAM	133297	12RB#0	22.47	PASS

Band71	5MHz	16QAM	133297	12RB#6	22.46	PASS
Band71	5MHz	16QAM	133297	12RB#13	22.48	PASS
Band71	5MHz	16QAM	133297	25RB#0	22.41	PASS
Band71	5MHz	16QAM	133447	1RB#0	23.39	PASS
Band71	5MHz	16QAM	133447	1RB#12	23.39	PASS
Band71	5MHz	16QAM	133447	1RB#24	23.38	PASS
Band71	5MHz	16QAM	133447	12RB#0	22.46	PASS
Band71	5MHz	16QAM	133447	12RB#6	22.47	PASS
Band71	5MHz	16QAM	133447	12RB#13	22.45	PASS
Band71	5MHz	16QAM	133447	25RB#0	22.46	PASS
Band71	10MHz	QPSK	133172	1RB#0	24.46	PASS
Band71	10MHz	QPSK	133172	1RB#24	24.50	PASS
Band71	10MHz	QPSK	133172	1RB#49	24.53	PASS
Band71	10MHz	QPSK	133172	25RB#0	23.30	PASS
Band71	10MHz	QPSK	133172	25RB#12	23.31	PASS
Band71	10MHz	QPSK	133172	25RB#25	23.38	PASS
Band71	10MHz	QPSK	133172	50RB#0	23.35	PASS
Band71	10MHz	QPSK	133297	1RB#0	24.43	PASS
Band71	10MHz	QPSK	133297	1RB#24	24.45	PASS
Band71	10MHz	QPSK	133297	1RB#49	24.38	PASS
Band71	10MHz	QPSK	133297	25RB#0	23.34	PASS
Band71	10MHz	QPSK	133297	25RB#12	23.37	PASS
Band71	10MHz	QPSK	133297	25RB#25	23.47	PASS
Band71	10MHz	QPSK	133297	50RB#0	23.43	PASS
Band71	10MHz	QPSK	133422	1RB#0	24.31	PASS
Band71	10MHz	QPSK	133422	1RB#24	24.42	PASS
Band71	10MHz	QPSK	133422	1RB#49	24.37	PASS
Band71	10MHz	QPSK	133422	25RB#0	23.49	PASS
Band71	10MHz	QPSK	133422	25RB#12	23.50	PASS
Band71	10MHz	QPSK	133422	25RB#25	23.45	PASS
Band71	10MHz	QPSK	133422	50RB#0	23.54	PASS
Band71	10MHz	16QAM	133172	1RB#0	23.44	PASS
Band71	10MHz	16QAM	133172	1RB#24	23.46	PASS
Band71	10MHz	16QAM	133172	1RB#49	23.51	PASS
Band71	10MHz	16QAM	133172	25RB#0	22.25	PASS
Band71	10MHz	16QAM	133172	25RB#12	22.27	PASS
Band71	10MHz	16QAM	133172	25RB#25	22.38	PASS

Band71	10MHz	16QAM	133172	50RB#0	22.27	PASS
Band71	10MHz	16QAM	133297	1RB#0	23.30	PASS
Band71	10MHz	16QAM	133297	1RB#24	23.30	PASS
Band71	10MHz	16QAM	133297	1RB#49	23.26	PASS
Band71	10MHz	16QAM	133297	25RB#0	22.37	PASS
Band71	10MHz	16QAM	133297	25RB#12	22.38	PASS
Band71	10MHz	16QAM	133297	25RB#25	22.44	PASS
Band71	10MHz	16QAM	133297	50RB#0	22.40	PASS
Band71	10MHz	16QAM	133422	1RB#0	23.16	PASS
Band71	10MHz	16QAM	133422	1RB#24	23.17	PASS
Band71	10MHz	16QAM	133422	1RB#49	23.17	PASS
Band71	10MHz	16QAM	133422	25RB#0	22.51	PASS
Band71	10MHz	16QAM	133422	25RB#12	22.52	PASS
Band71	10MHz	16QAM	133422	25RB#25	22.47	PASS
Band71	10MHz	16QAM	133422	50RB#0	22.51	PASS
Band71	15MHz	QPSK	133197	1RB#0	24.44	PASS
Band71	15MHz	QPSK	133197	1RB#38	24.52	PASS
Band71	15MHz	QPSK	133197	1RB#74	24.43	PASS
Band71	15MHz	QPSK	133197	38RB#0	23.39	PASS
Band71	15MHz	QPSK	133197	38RB#18	23.48	PASS
Band71	15MHz	QPSK	133197	38RB#37	23.42	PASS
Band71	15MHz	QPSK	133197	75RB#0	23.32	PASS
Band71	15MHz	QPSK	133297	1RB#0	24.31	PASS
Band71	15MHz	QPSK	133297	1RB#38	24.29	PASS
Band71	15MHz	QPSK	133297	1RB#74	24.20	PASS
Band71	15MHz	QPSK	133297	38RB#0	23.51	PASS
Band71	15MHz	QPSK	133297	38RB#18	23.52	PASS
Band71	15MHz	QPSK	133297	38RB#37	23.41	PASS
Band71	15MHz	QPSK	133297	75RB#0	23.35	PASS
Band71	15MHz	QPSK	133397	1RB#0	24.27	PASS
Band71	15MHz	QPSK	133397	1RB#38	24.38	PASS
Band71	15MHz	QPSK	133397	1RB#74	24.33	PASS
Band71	15MHz	QPSK	133397	38RB#0	23.11	PASS
Band71	15MHz	QPSK	133397	38RB#18	23.19	PASS
Band71	15MHz	QPSK	133397	38RB#37	23.13	PASS
Band71	15MHz	QPSK	133397	75RB#0	23.53	PASS
Band71	15MHz	16QAM	133197	1RB#0	23.39	PASS

Band71	15MHz	16QAM	133197	1RB#38	23.52	PASS
Band71	15MHz	16QAM	133197	1RB#74	23.46	PASS
Band71	15MHz	16QAM	133197	38RB#0	23.38	PASS
Band71	15MHz	16QAM	133197	38RB#18	23.52	PASS
Band71	15MHz	16QAM	133197	38RB#37	23.47	PASS
Band71	15MHz	16QAM	133197	75RB#0	22.26	PASS
Band71	15MHz	16QAM	133297	1RB#0	23.51	PASS
Band71	15MHz	16QAM	133297	1RB#38	23.51	PASS
Band71	15MHz	16QAM	133297	1RB#74	23.42	PASS
Band71	15MHz	16QAM	133297	38RB#0	23.50	PASS
Band71	15MHz	16QAM	133297	38RB#18	23.51	PASS
Band71	15MHz	16QAM	133297	38RB#37	23.40	PASS
Band71	15MHz	16QAM	133297	75RB#0	22.36	PASS
Band71	15MHz	16QAM	133397	1RB#0	23.11	PASS
Band71	15MHz	16QAM	133397	1RB#38	23.18	PASS
Band71	15MHz	16QAM	133397	1RB#74	23.14	PASS
Band71	15MHz	16QAM	133397	38RB#0	23.11	PASS
Band71	15MHz	16QAM	133397	38RB#18	23.17	PASS
Band71	15MHz	16QAM	133397	38RB#37	23.13	PASS
Band71	15MHz	16QAM	133397	75RB#0	22.51	PASS
Band71	20MHz	QPSK	133222	1RB#0	24.47	PASS
Band71	20MHz	QPSK	133222	1RB#49	24.69	PASS
Band71	20MHz	QPSK	133222	1RB#99	24.50	PASS
Band71	20MHz	QPSK	133222	50RB#0	23.33	PASS
Band71	20MHz	QPSK	133222	50RB#25	23.31	PASS
Band71	20MHz	QPSK	133222	50RB#50	23.49	PASS
Band71	20MHz	QPSK	133222	100RB#0	23.41	PASS
Band71	20MHz	QPSK	133322	1RB#0	24.30	PASS
Band71	20MHz	QPSK	133322	1RB#49	24.34	PASS
Band71	20MHz	QPSK	133322	1RB#99	24.35	PASS
Band71	20MHz	QPSK	133322	50RB#0	23.37	PASS
Band71	20MHz	QPSK	133322	50RB#25	23.36	PASS
Band71	20MHz	QPSK	133322	50RB#50	23.33	PASS
Band71	20MHz	QPSK	133322	100RB#0	23.32	PASS
Band71	20MHz	QPSK	133372	1RB#0	24.37	PASS
Band71	20MHz	QPSK	133372	1RB#49	24.33	PASS
Band71	20MHz	QPSK	133372	1RB#99	24.32	PASS

Band71	20MHz	QPSK	133372	50RB#0	23.45	PASS
Band71	20MHz	QPSK	133372	50RB#25	23.45	PASS
Band71	20MHz	QPSK	133372	50RB#50	23.50	PASS
Band71	20MHz	QPSK	133372	100RB#0	23.40	PASS
Band71	20MHz	16QAM	133222	1RB#0	23.27	PASS
Band71	20MHz	16QAM	133222	1RB#49	23.44	PASS
Band71	20MHz	16QAM	133222	1RB#99	23.30	PASS
Band71	20MHz	16QAM	133222	50RB#0	22.28	PASS
Band71	20MHz	16QAM	133222	50RB#25	22.28	PASS
Band71	20MHz	16QAM	133222	50RB#50	22.44	PASS
Band71	20MHz	16QAM	133222	100RB#0	22.38	PASS
Band71	20MHz	16QAM	133322	1RB#0	23.58	PASS
Band71	20MHz	16QAM	133322	1RB#49	23.62	PASS
Band71	20MHz	16QAM	133322	1RB#99	23.60	PASS
Band71	20MHz	16QAM	133322	50RB#0	22.33	PASS
Band71	20MHz	16QAM	133322	50RB#25	22.33	PASS
Band71	20MHz	16QAM	133322	50RB#50	22.34	PASS
Band71	20MHz	16QAM	133322	100RB#0	22.28	PASS
Band71	20MHz	16QAM	133372	1RB#0	23.16	PASS
Band71	20MHz	16QAM	133372	1RB#49	23.24	PASS
Band71	20MHz	16QAM	133372	1RB#99	23.20	PASS
Band71	20MHz	16QAM	133372	50RB#0	22.42	PASS
Band71	20MHz	16QAM	133372	50RB#25	22.44	PASS
Band71	20MHz	16QAM	133372	50RB#50	22.50	PASS
Band71	20MHz	16QAM	133372	100RB#0	22.40	PASS

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

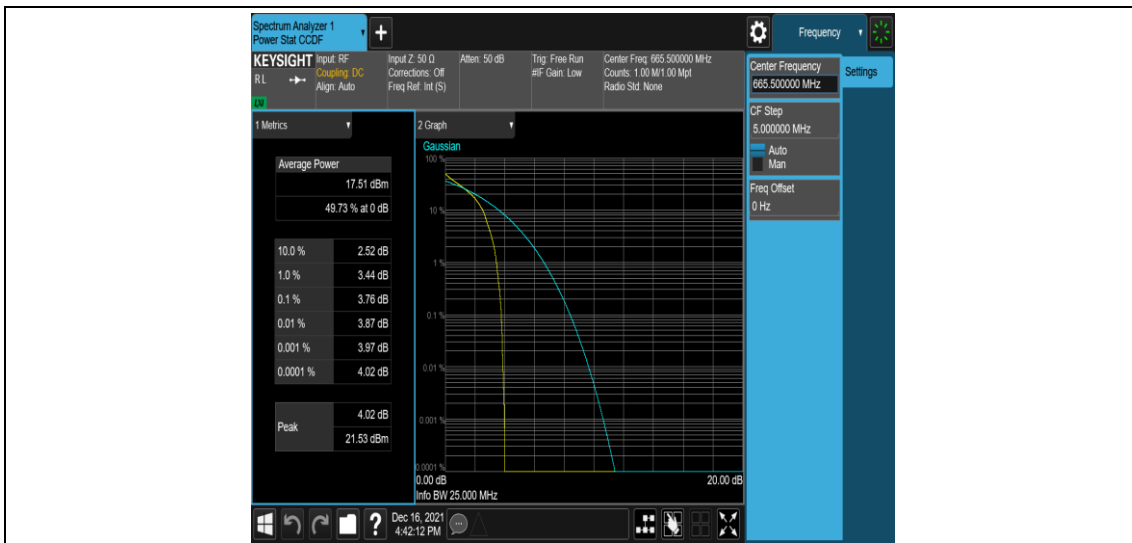
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
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Band71	5MHz	QPSK	133147	1RB#0	3.76	13	PASS
Band71	5MHz	QPSK	133147	25RB#0	4.88	13	PASS
Band71	5MHz	QPSK	133297	1RB#0	4.60	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.99	13	PASS
Band71	5MHz	QPSK	133447	1RB#0	4.76	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.27	13	PASS
Band71	5MHz	16QAM	133147	1RB#0	4.70	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	5.75	13	PASS
Band71	5MHz	16QAM	133297	1RB#0	5.47	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	5.84	13	PASS
Band71	5MHz	16QAM	133447	1RB#0	5.47	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	6.13	13	PASS
Band71	10MHz	QPSK	133172	1RB#0	3.97	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	4.89	13	PASS
Band71	10MHz	QPSK	133297	1RB#0	4.69	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	4.92	13	PASS
Band71	10MHz	QPSK	133422	1RB#0	3.89	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	5.13	13	PASS
Band71	10MHz	16QAM	133172	1RB#0	4.85	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	5.74	13	PASS
Band71	10MHz	16QAM	133297	1RB#0	5.62	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	5.83	13	PASS
Band71	10MHz	16QAM	133422	1RB#0	4.82	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	6.03	13	PASS
Band71	15MHz	QPSK	133197	1RB#0	4.06	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.45	13	PASS
Band71	15MHz	QPSK	133297	1RB#0	4.18	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	5.13	13	PASS
Band71	15MHz	QPSK	133397	1RB#0	3.50	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	5.23	13	PASS
Band71	15MHz	16QAM	133197	1RB#0	4.96	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	6.09	13	PASS
Band71	15MHz	16QAM	133297	1RB#0	5.09	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	5.91	13	PASS
Band71	15MHz	16QAM	133397	1RB#0	4.56	13	PASS
Band71	15MHz	16QAM	133397	75RB#0	5.97	13	PASS
Band71	20MHz	QPSK	133222	1RB#0	4.08	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.27	13	PASS
Band71	20MHz	QPSK	133322	1RB#0	4.34	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.22	13	PASS
Band71	20MHz	QPSK	133372	1RB#0	4.50	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.20	13	PASS

Band71	20MHz	16QAM	133222	1RB#0	4.87	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.07	13	PASS
Band71	20MHz	16QAM	133322	1RB#0	5.31	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	5.98	13	PASS
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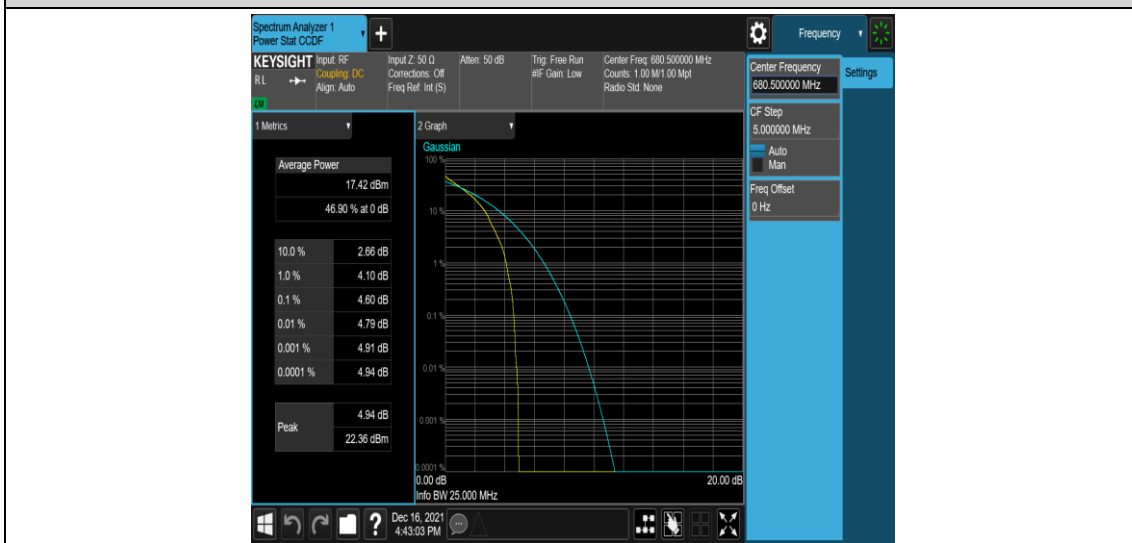
Test Graphs

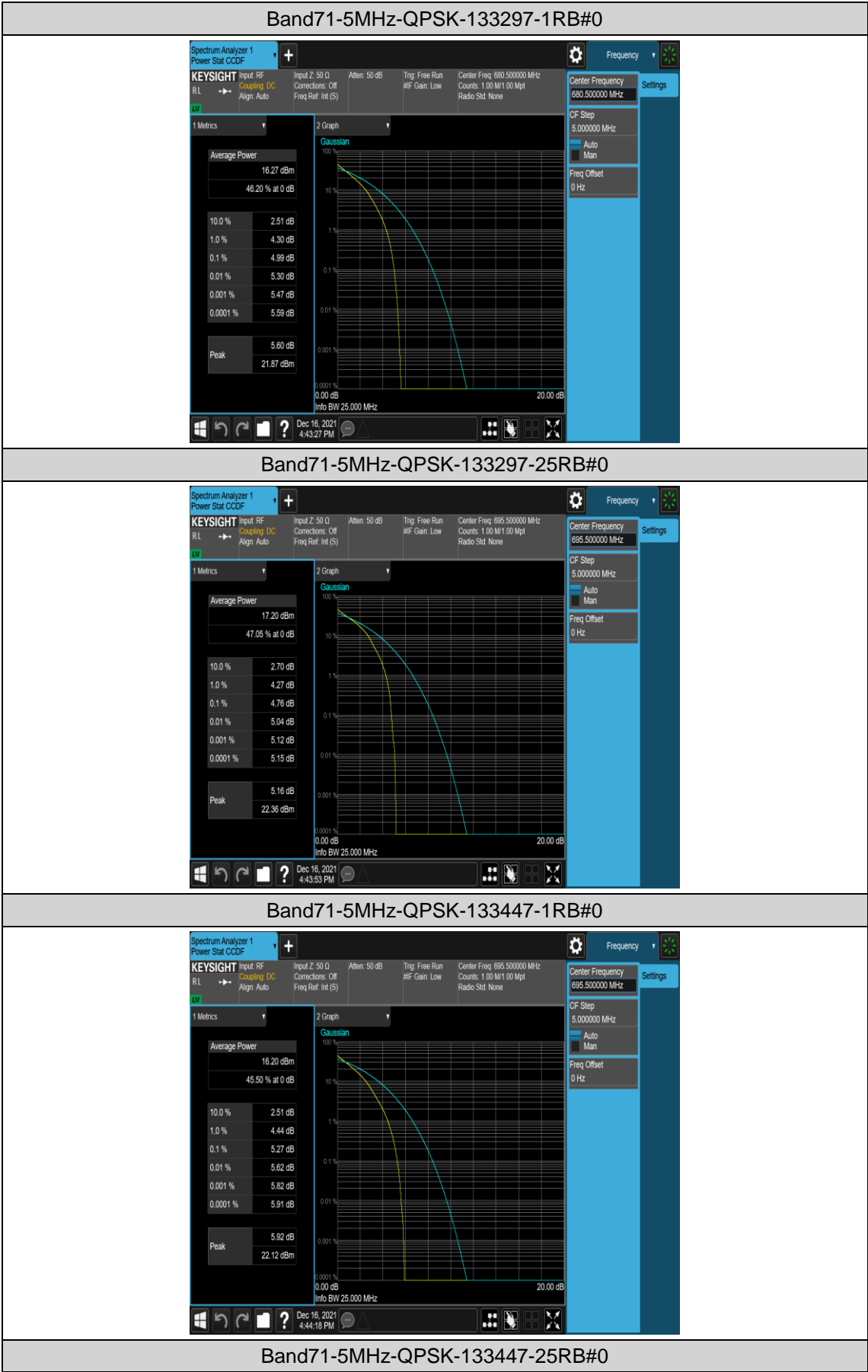


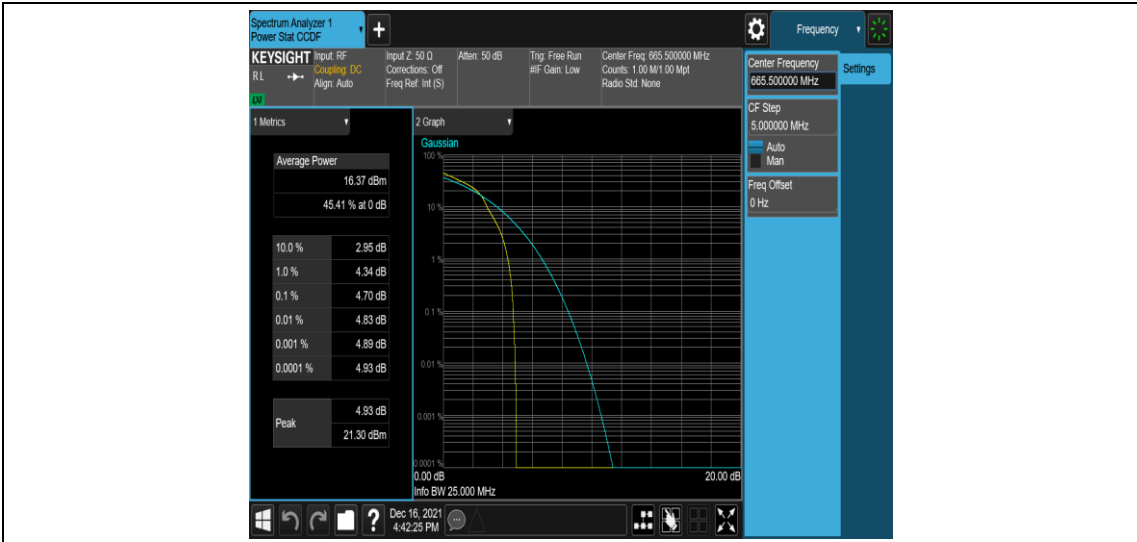
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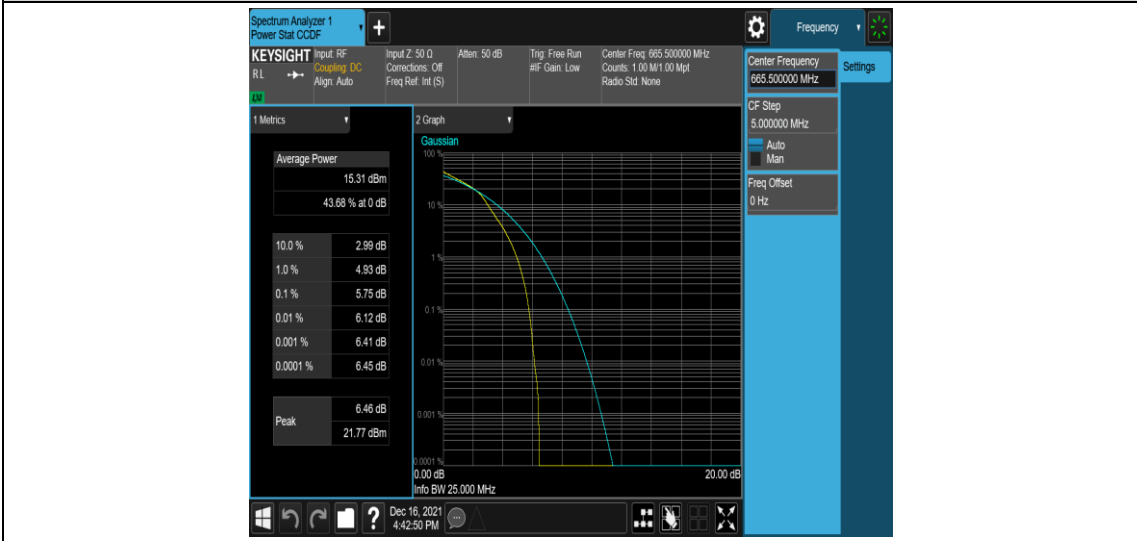
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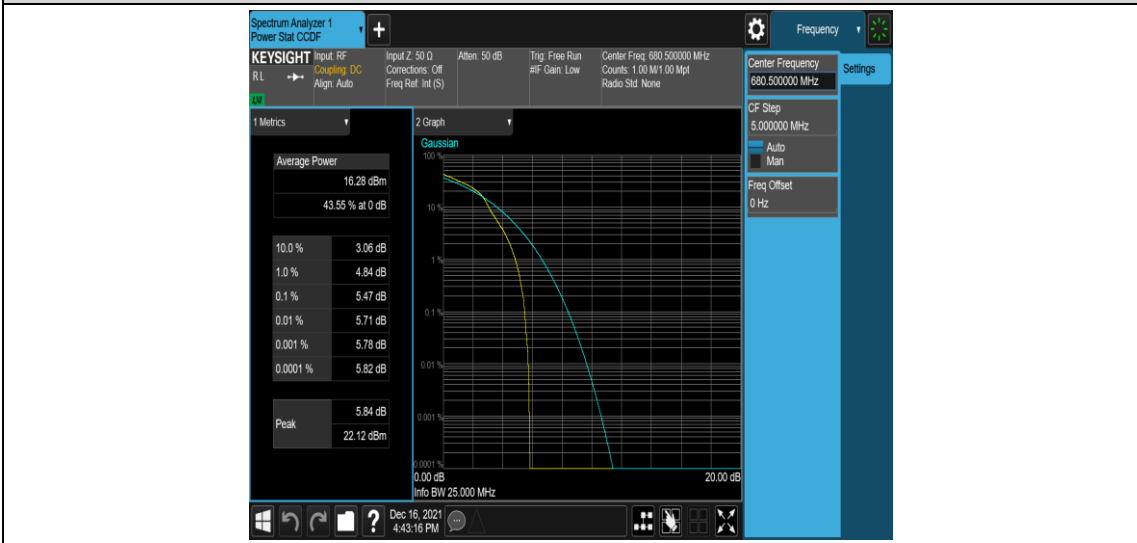




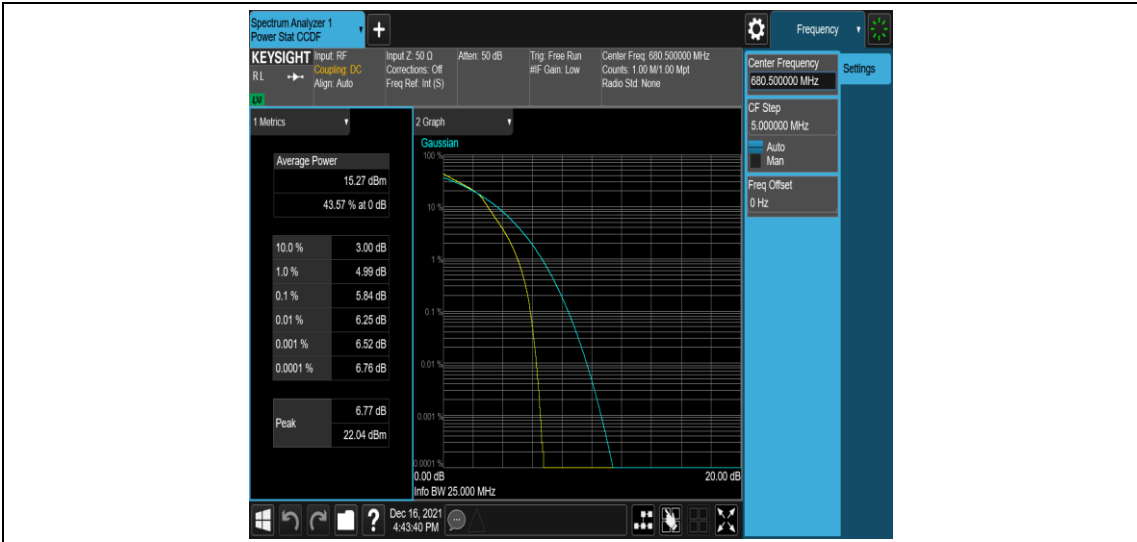
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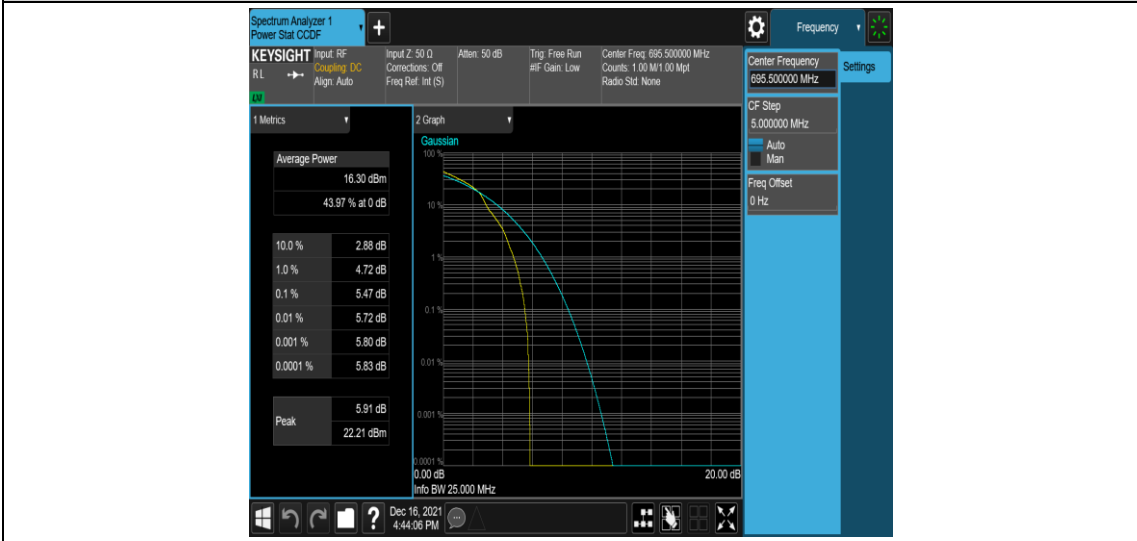
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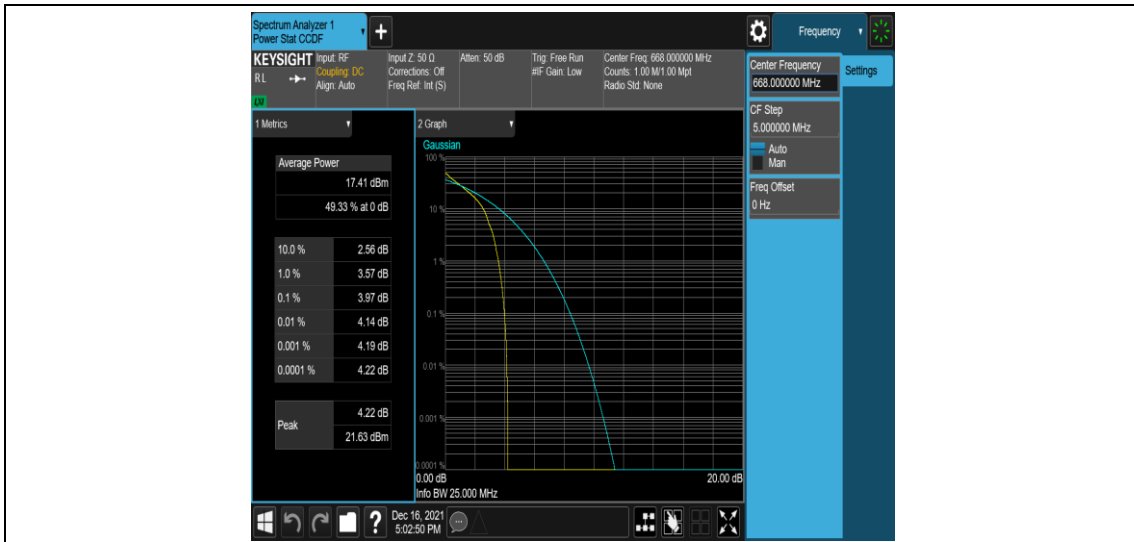
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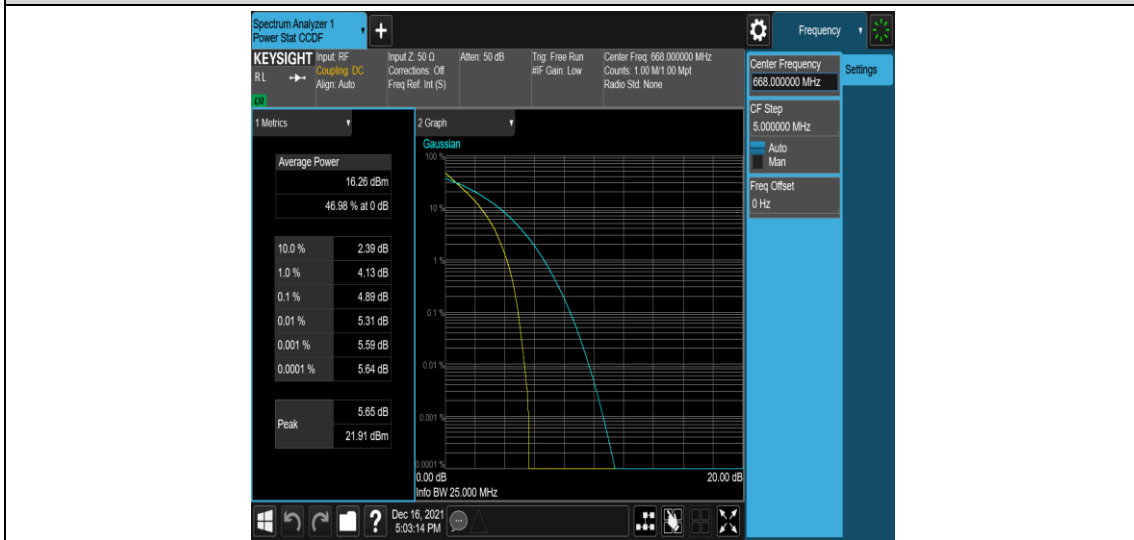
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Band71-5MHz-16QAM-133447-25RB#0



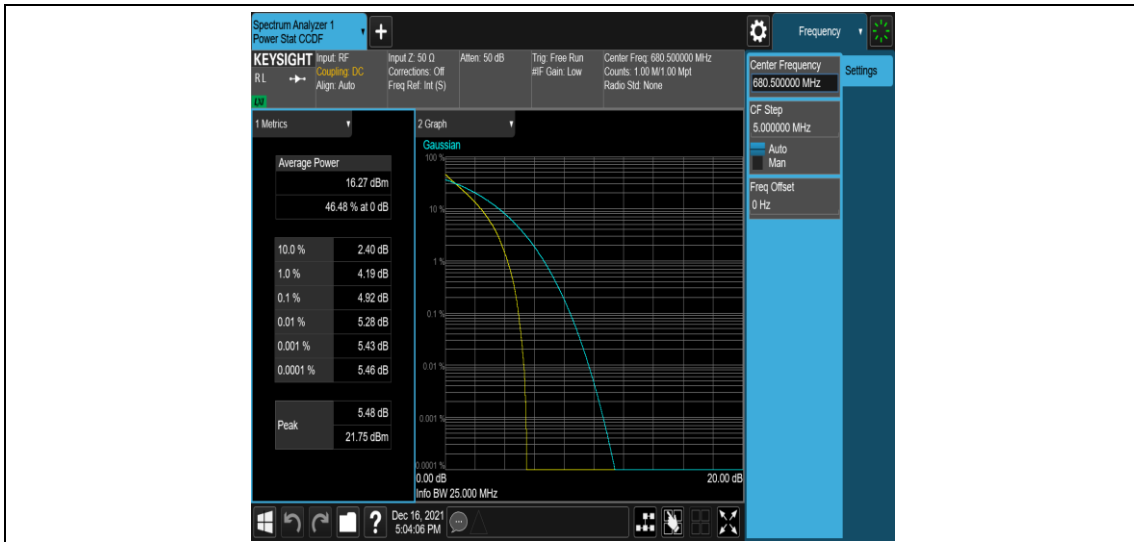
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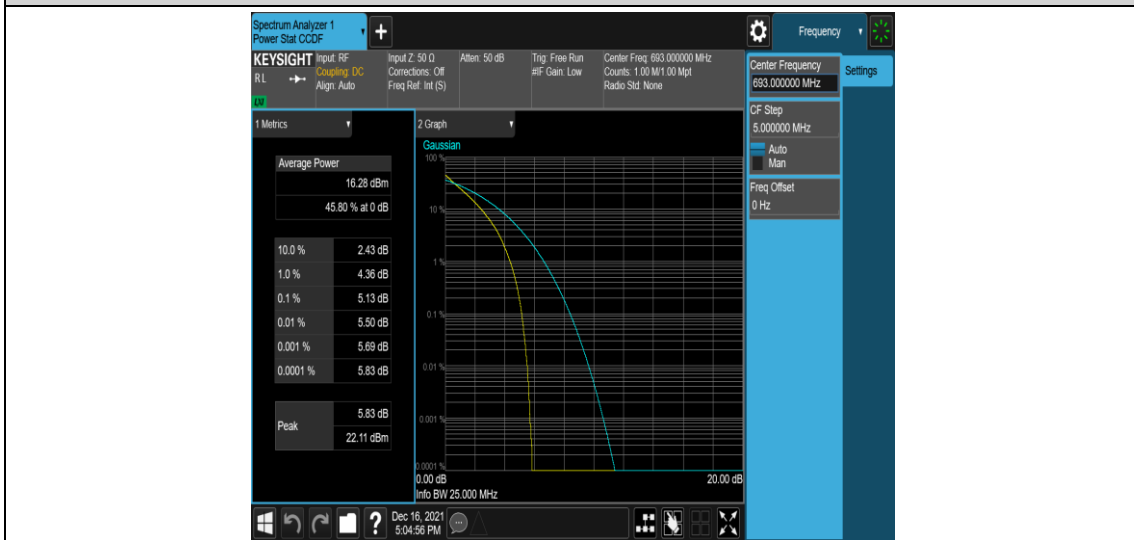
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Band71-10MHz-QPSK-133297-50RB#0



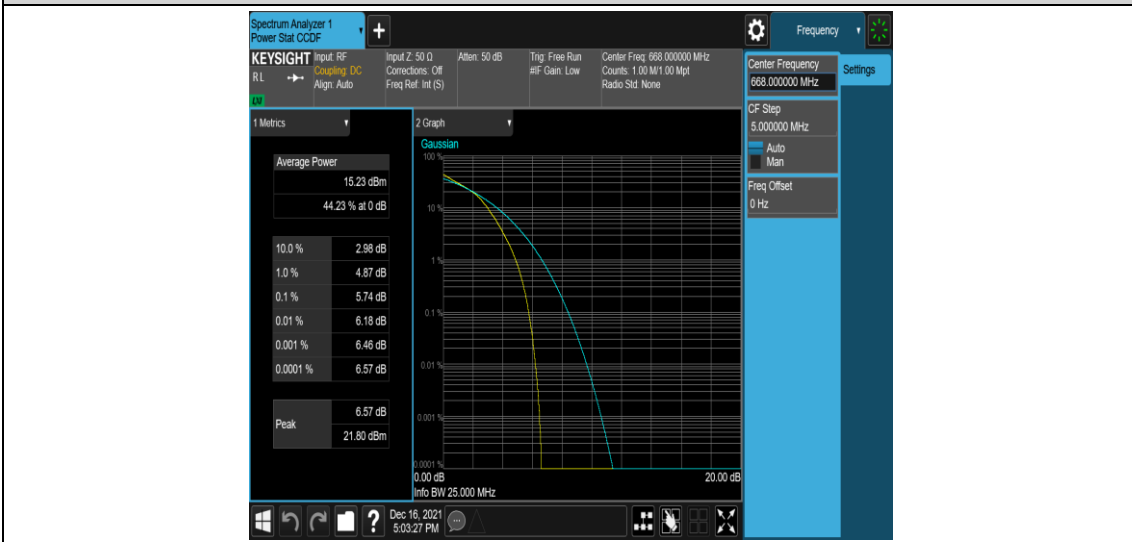
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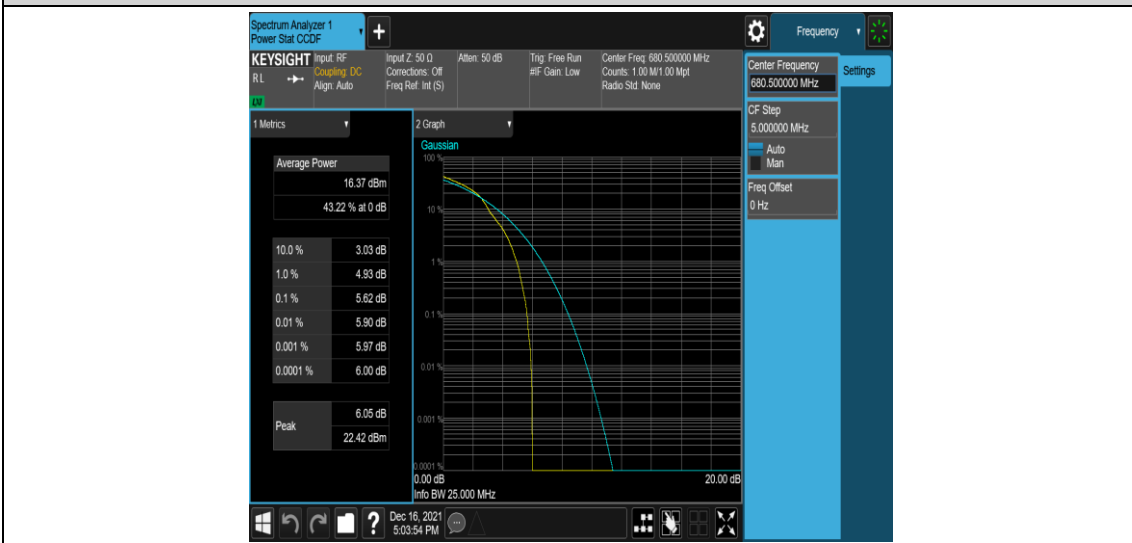
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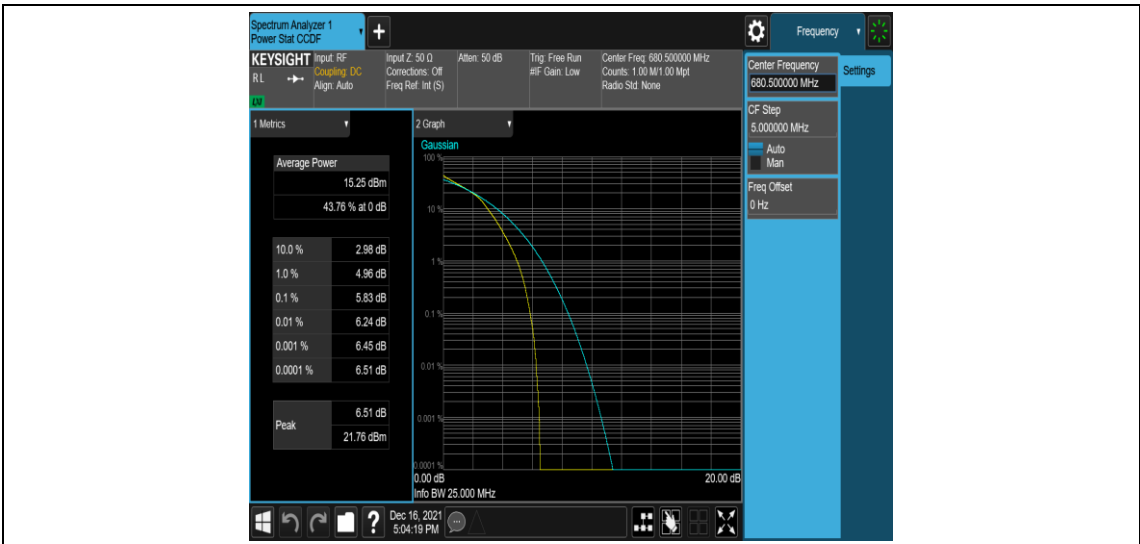
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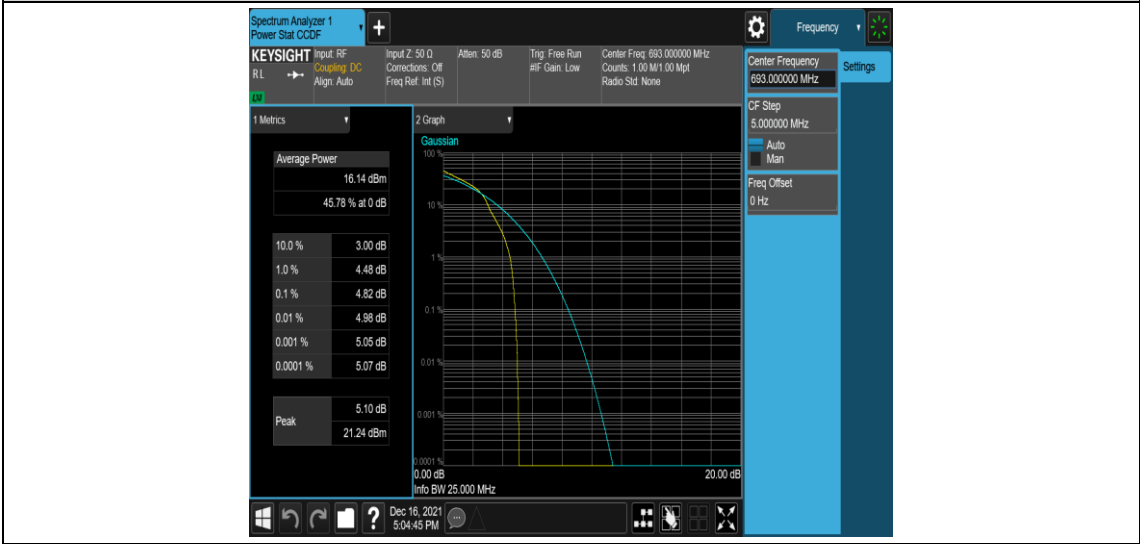
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Band71-10MHz-16QAM-133297-1RB#0



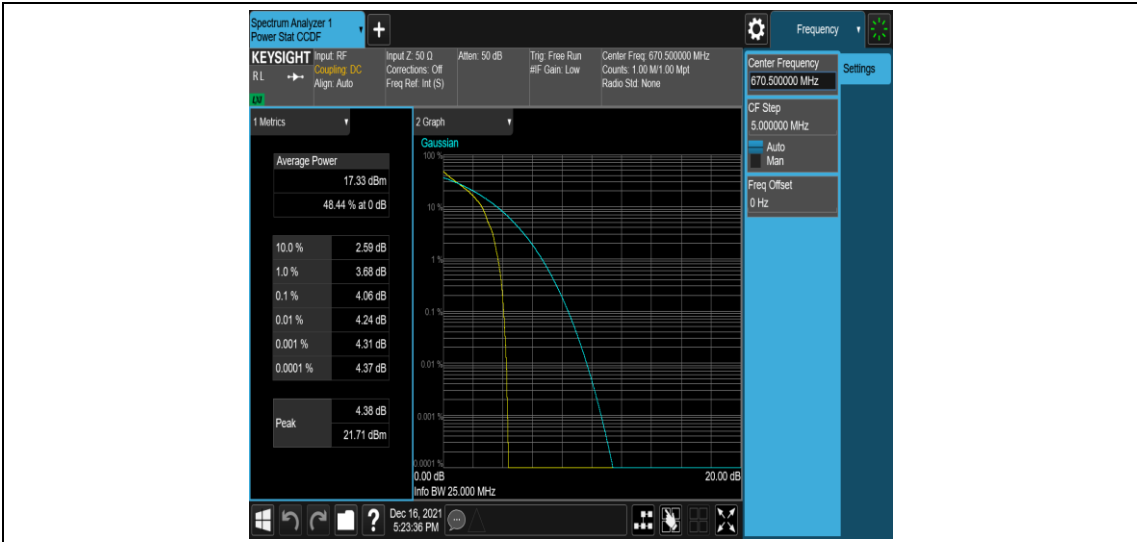
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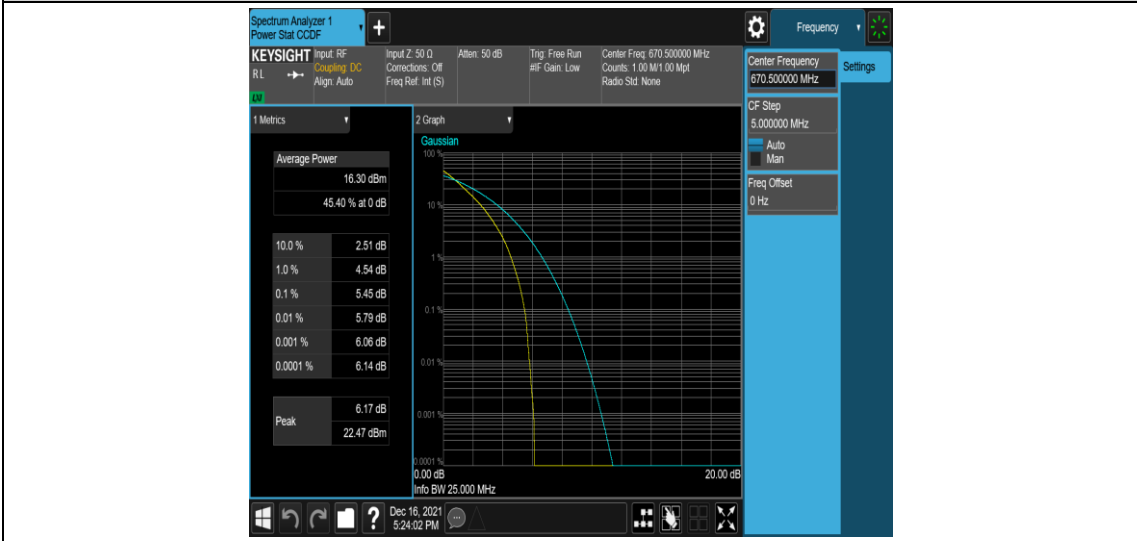
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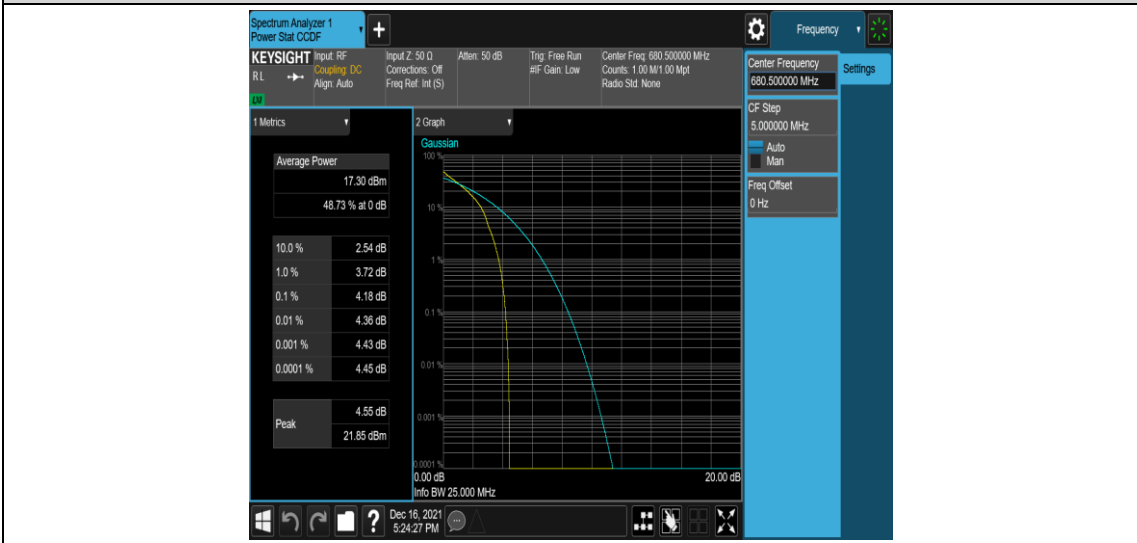
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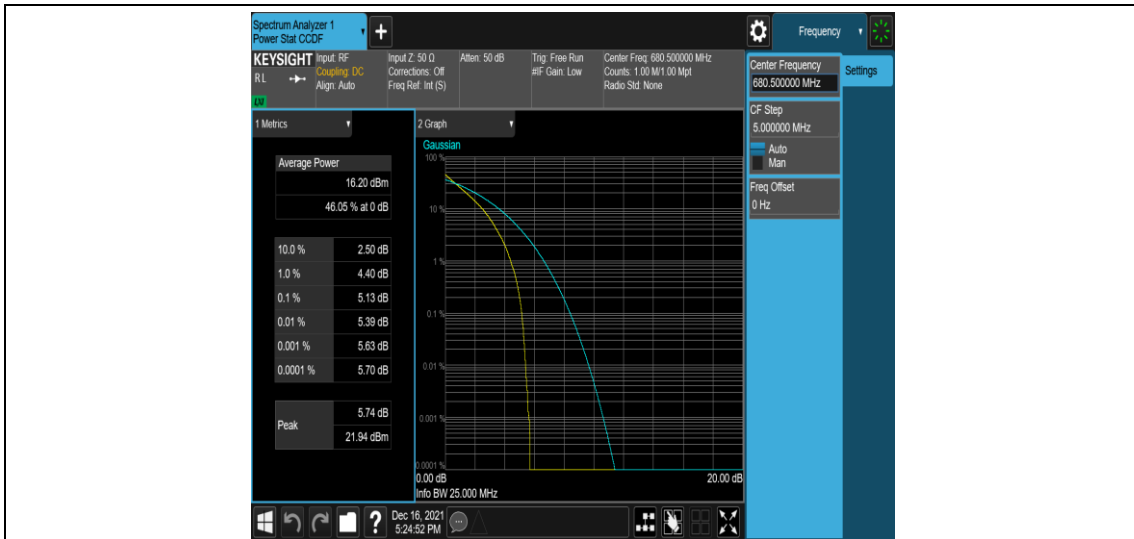
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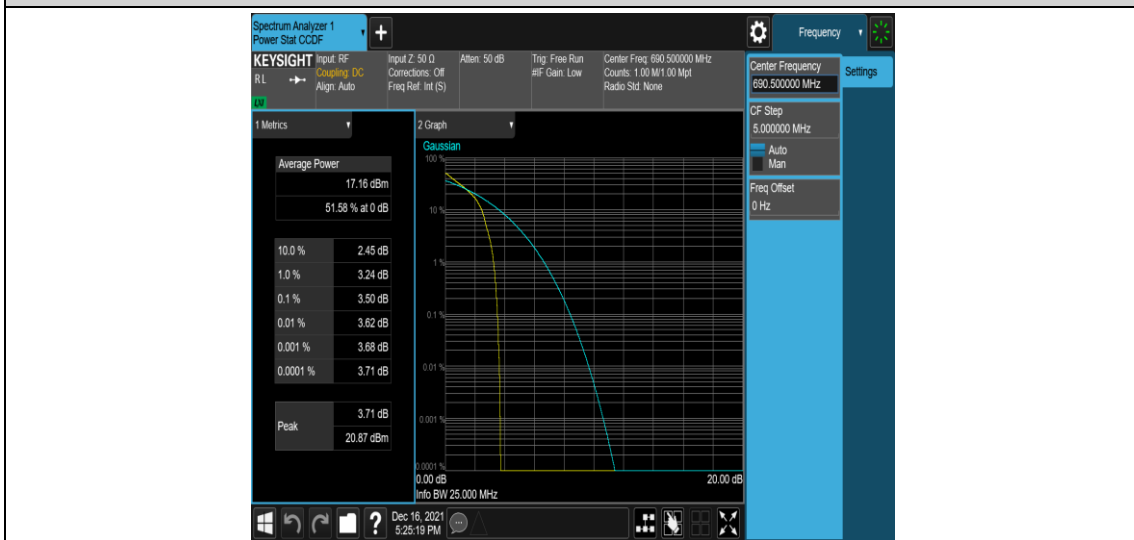
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Band71-15MHz-QPSK-133297-1RB#0



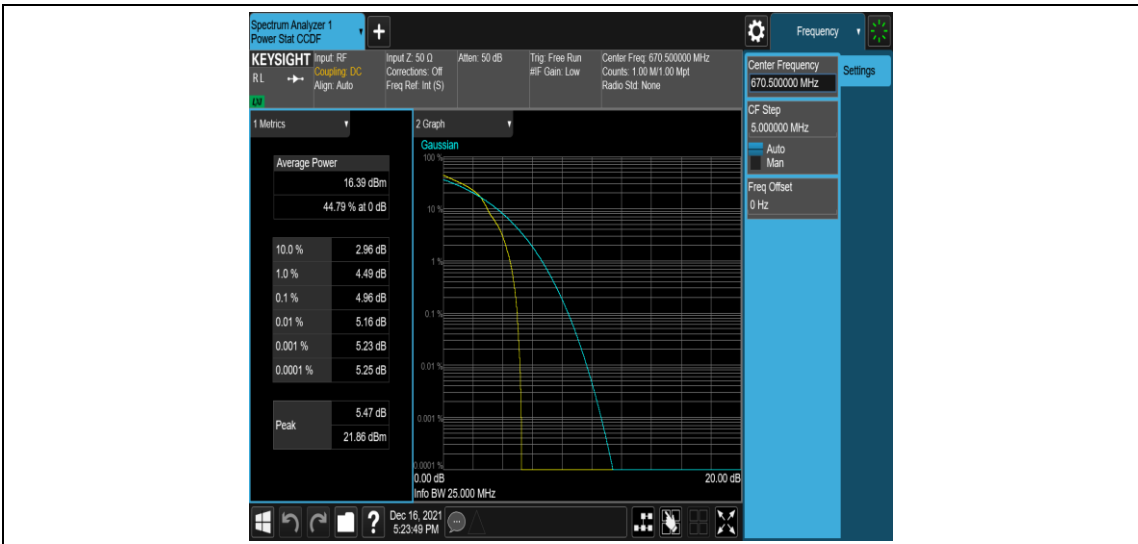
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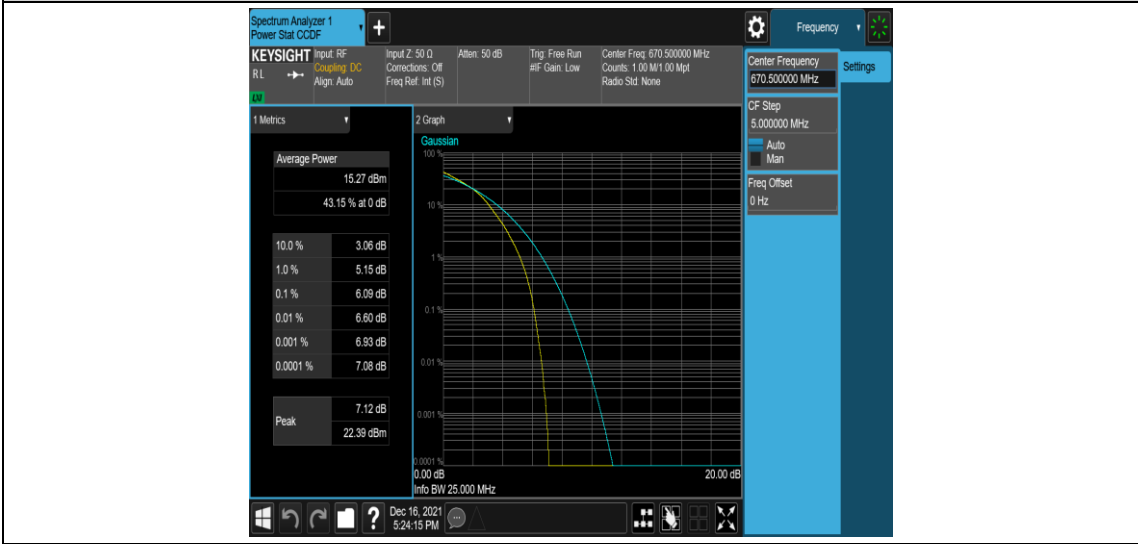
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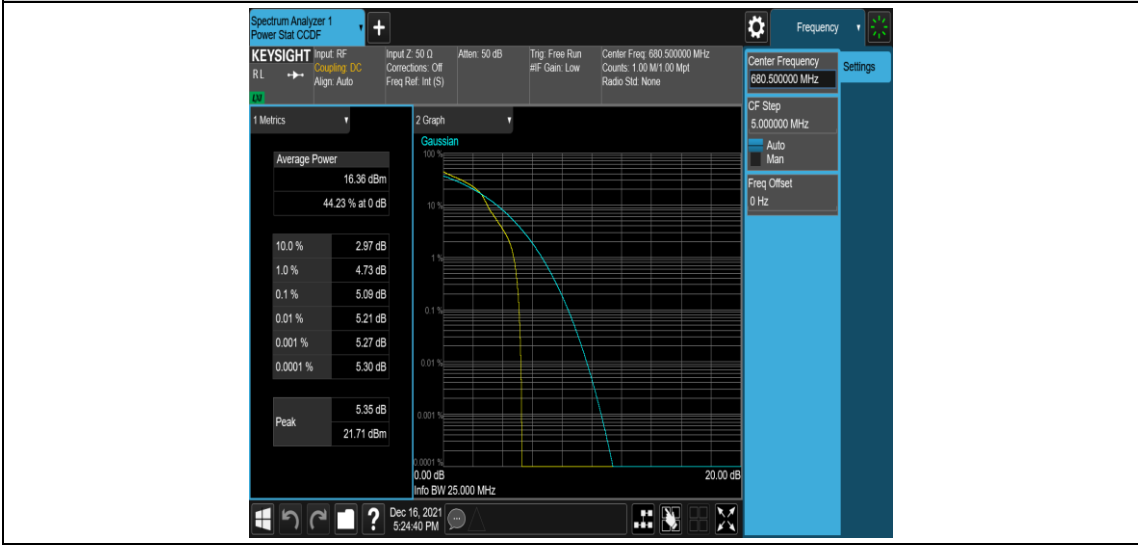
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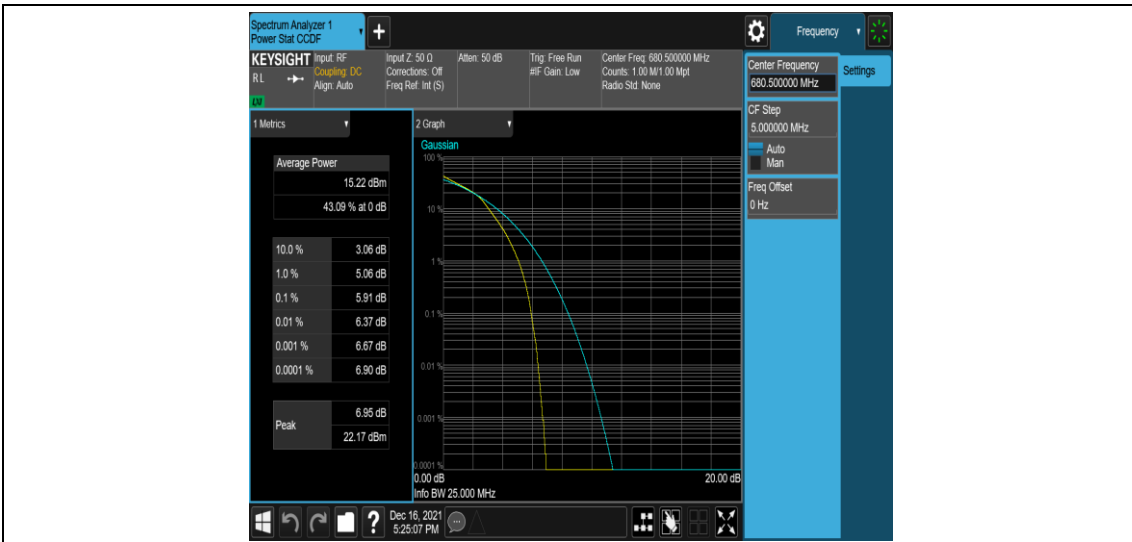
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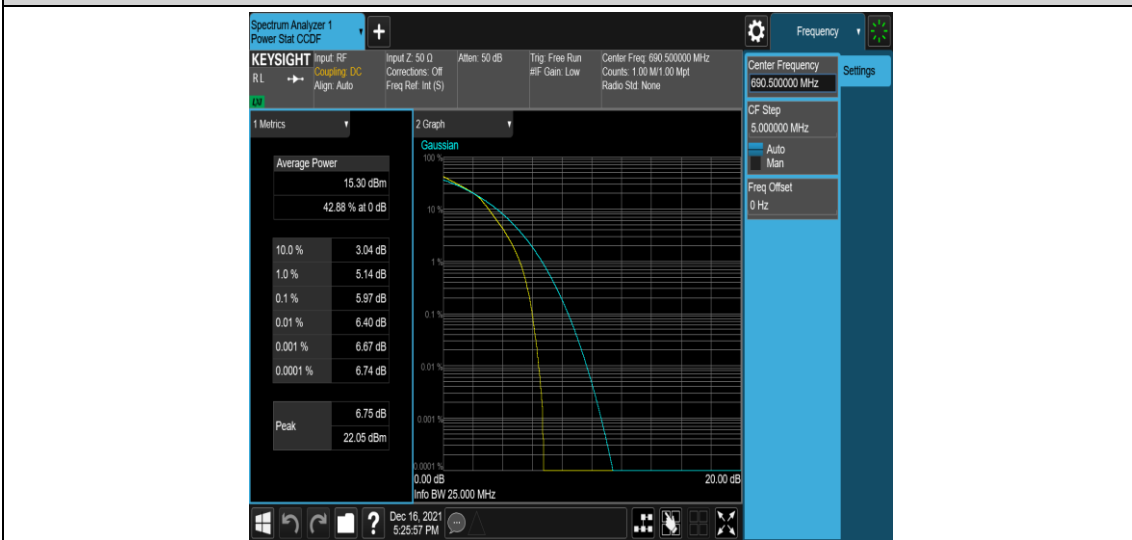
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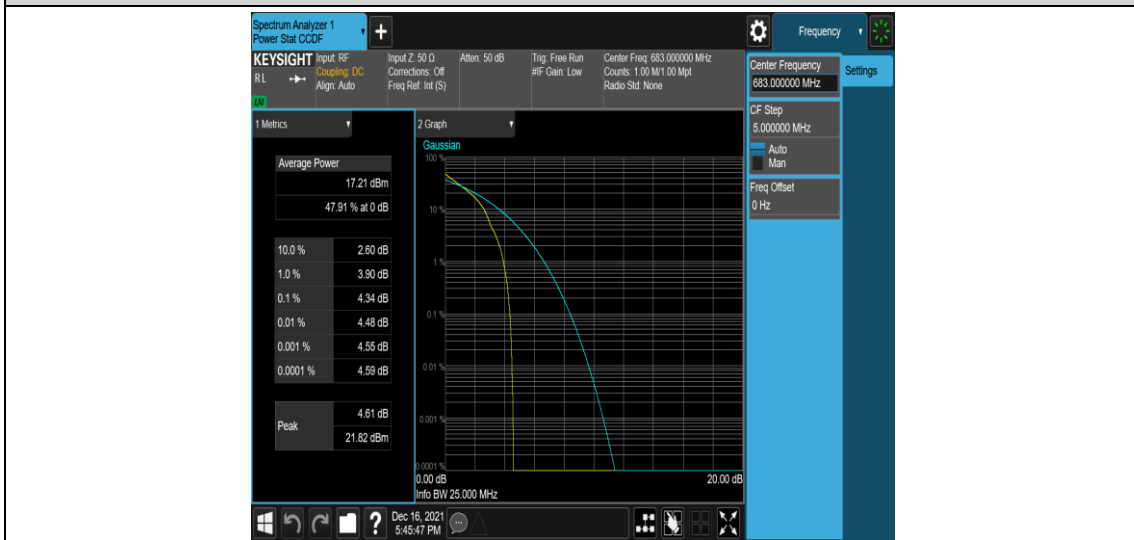
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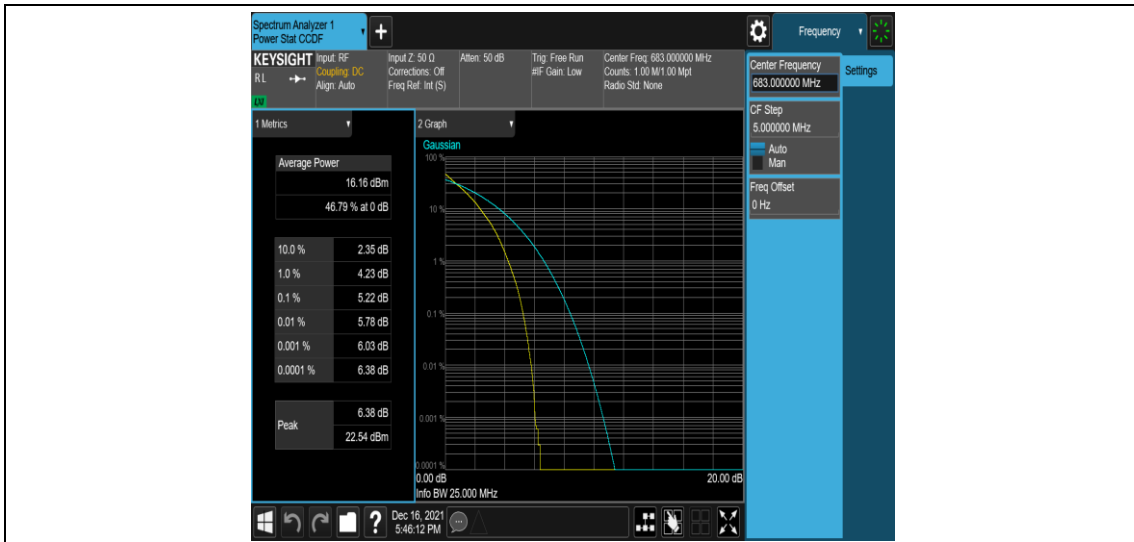
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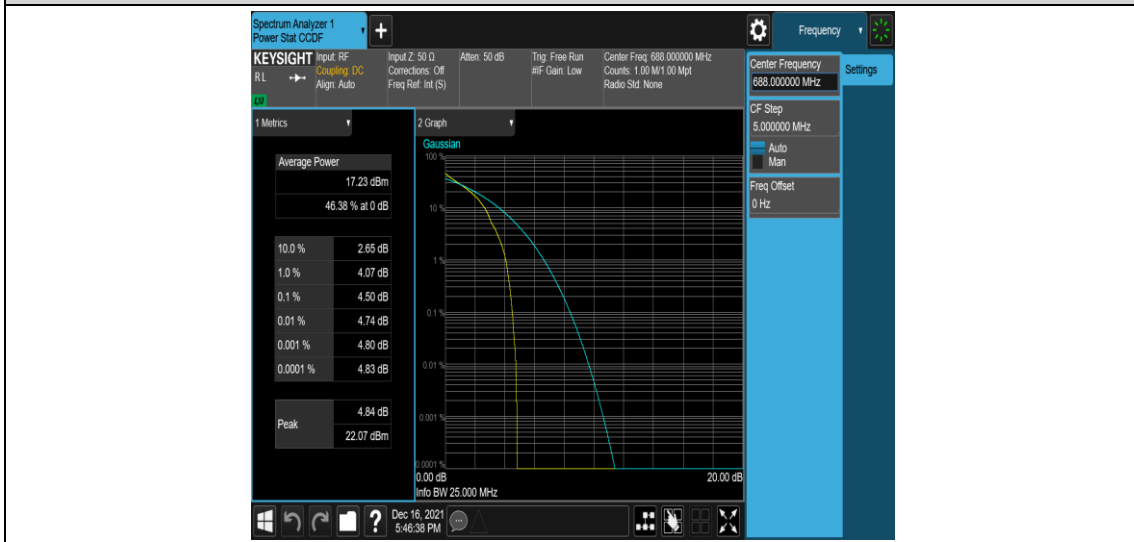
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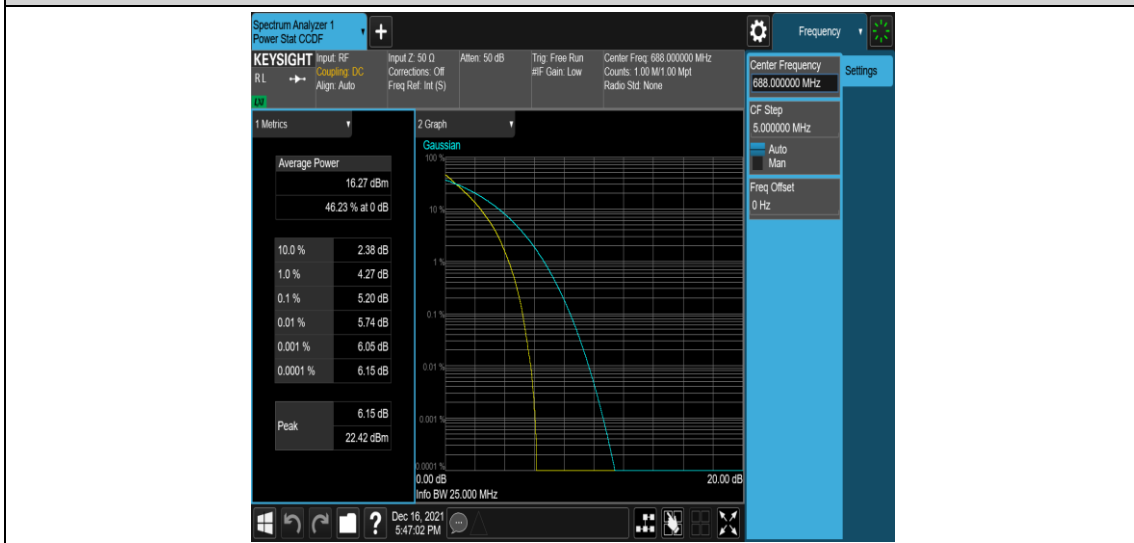
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Band71-20MHz-QPSK-133322-100RB#0



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



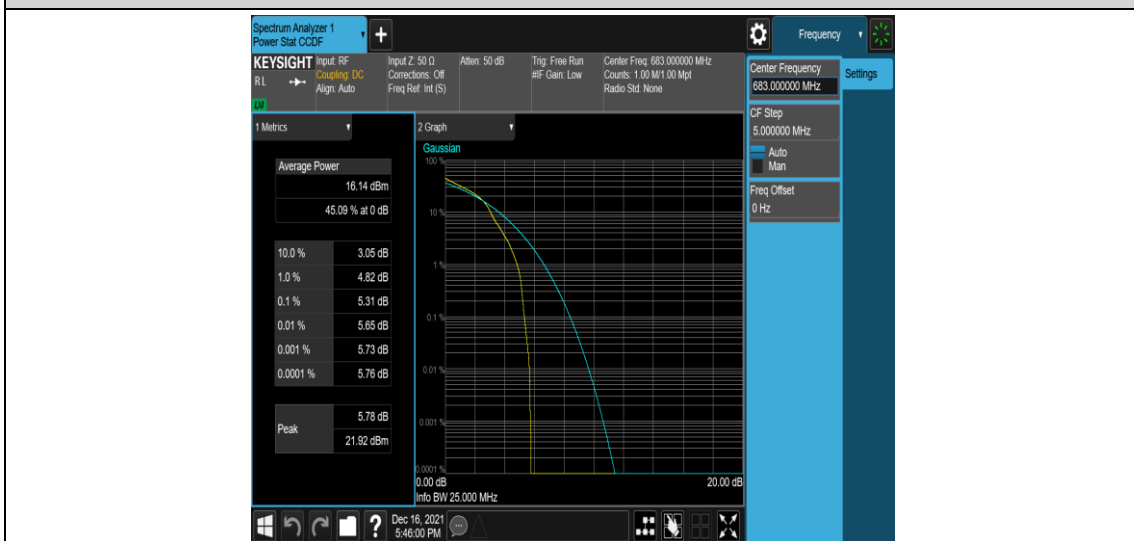
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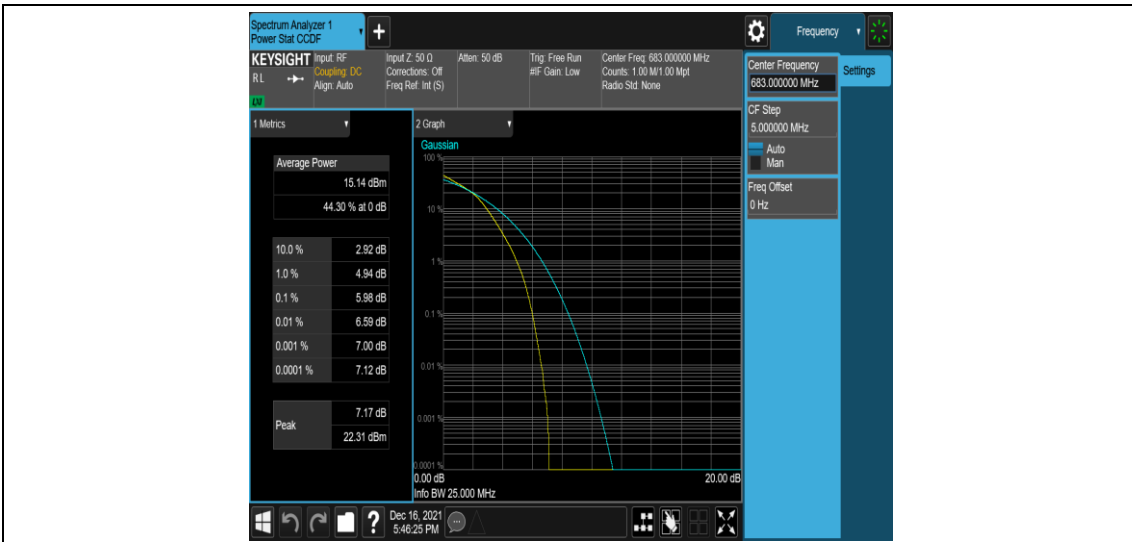
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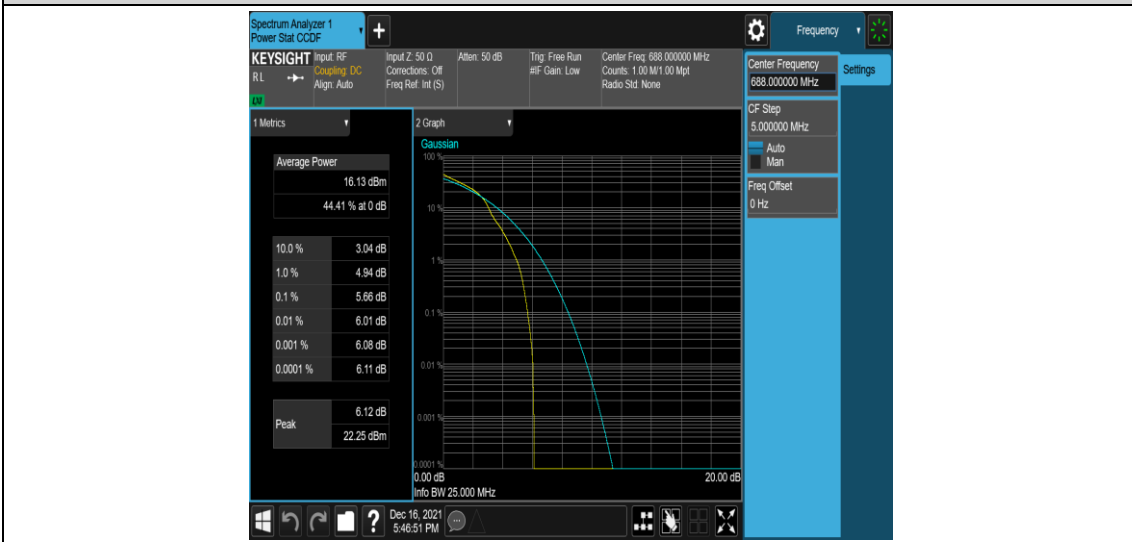
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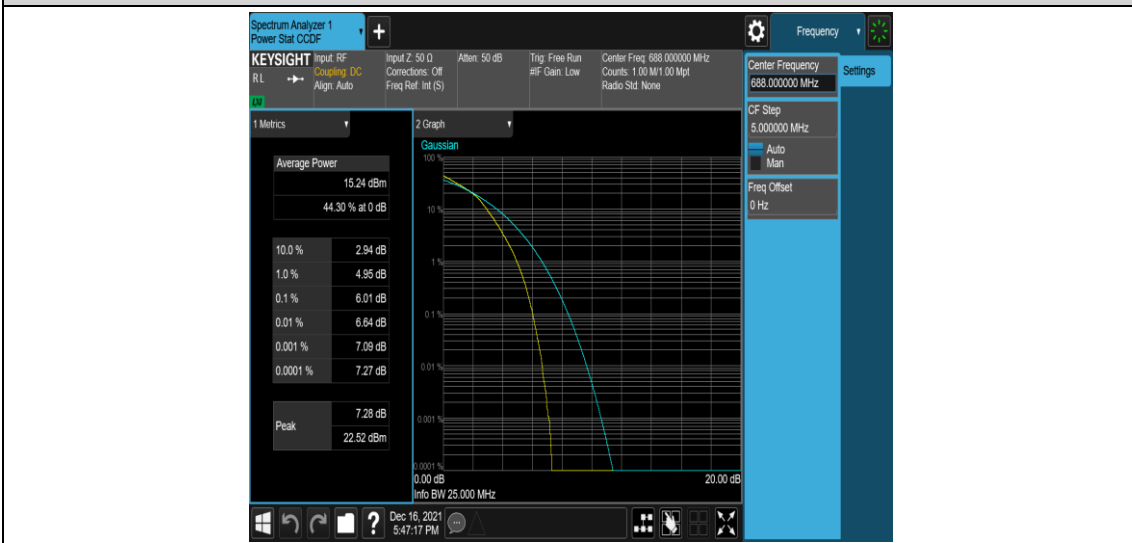
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Band71-20MHz-16QAM-133372-1RB#0



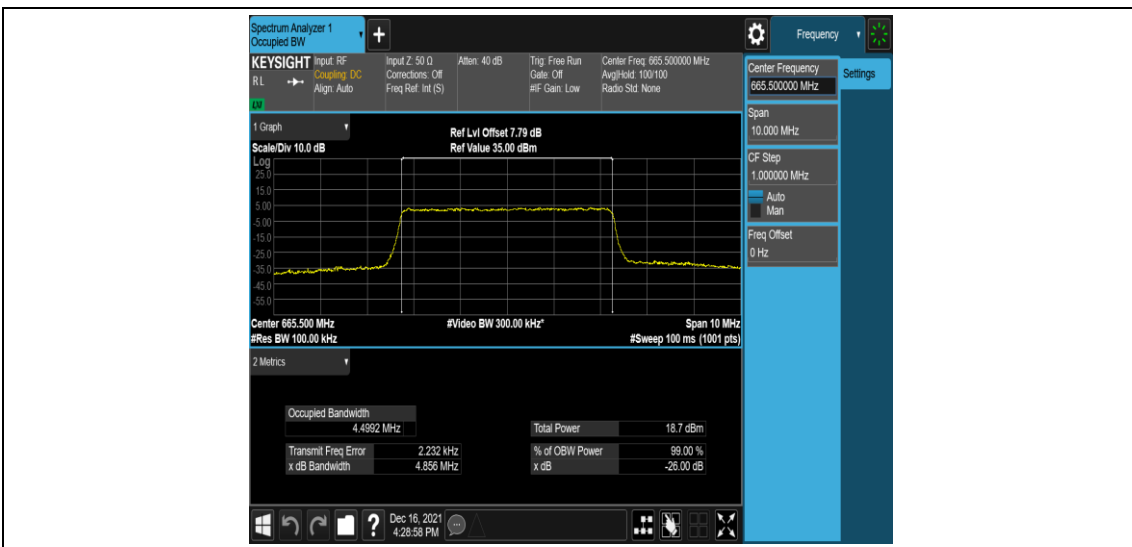
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Appendix C: 26dB Bandwidth and Occupied Bandwidth

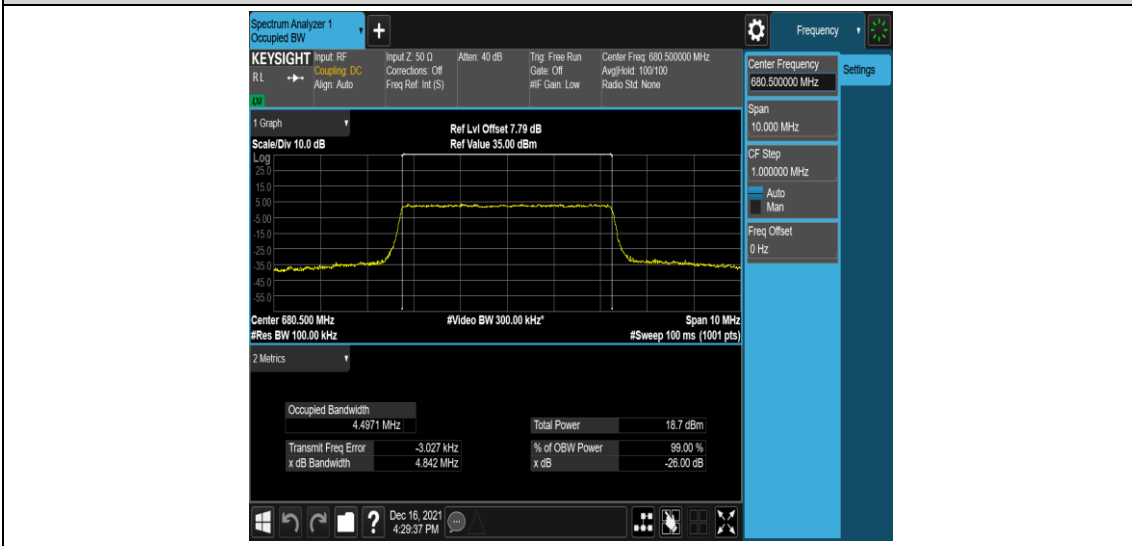
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.4992	4.856	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.4971	4.842	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.4998	4.827	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.5053	4.818	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.5027	4.830	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.4989	4.838	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.9787	9.523	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.9805	9.526	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.9930	9.531	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.9579	9.510	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.9679	9.527	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.9914	9.512	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.460	14.29	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.457	14.24	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.488	14.25	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.439	14.27	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.451	14.26	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.477	14.28	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.945	18.97	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.911	18.95	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.949	18.95	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.940	18.97	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.916	18.93	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.947	18.97	PASS

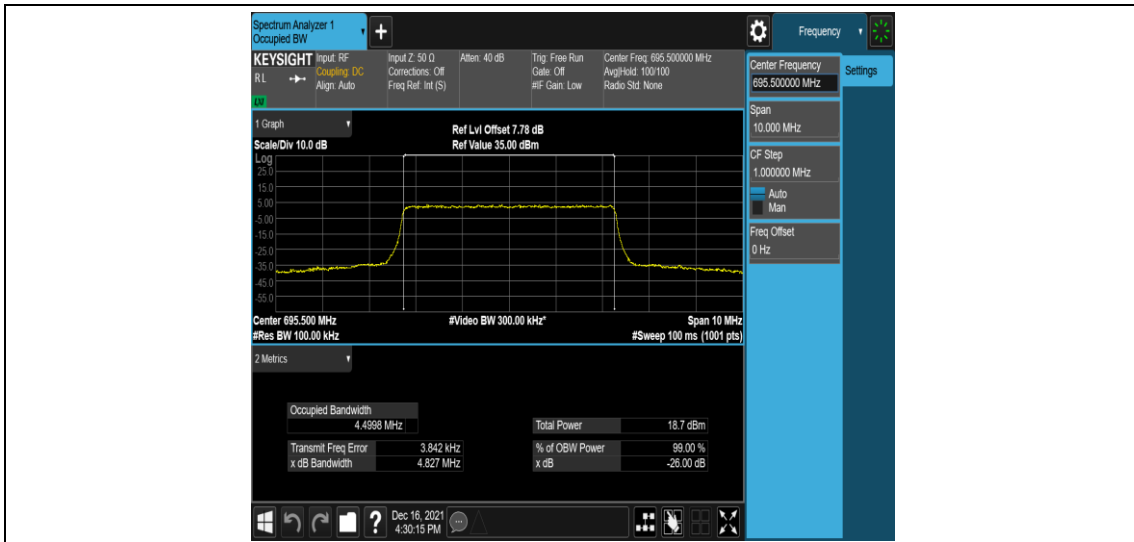
Test Graphs



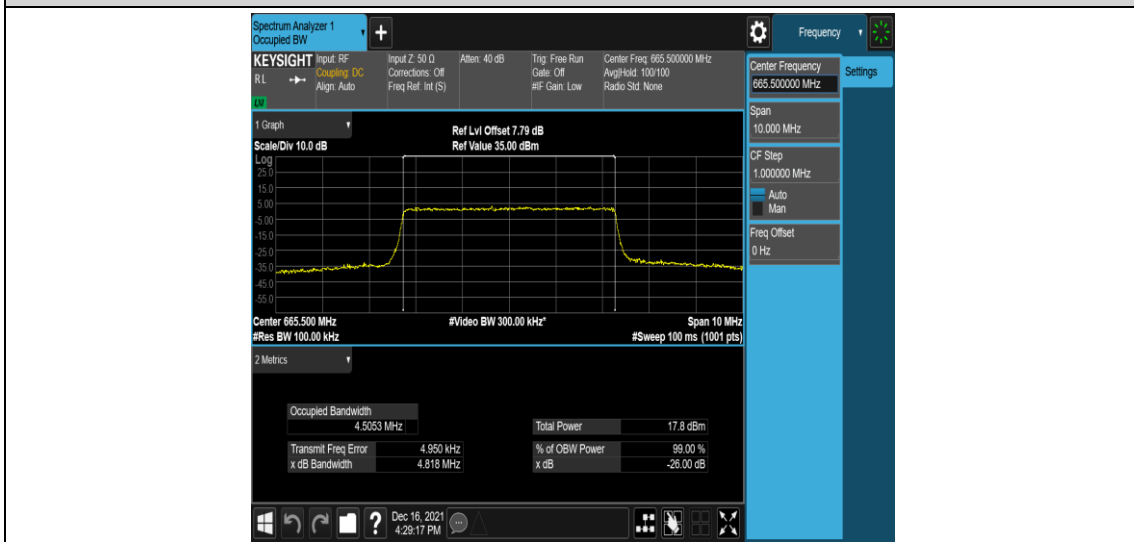
Band71-5MHz-QPSK-133147-25RB#0



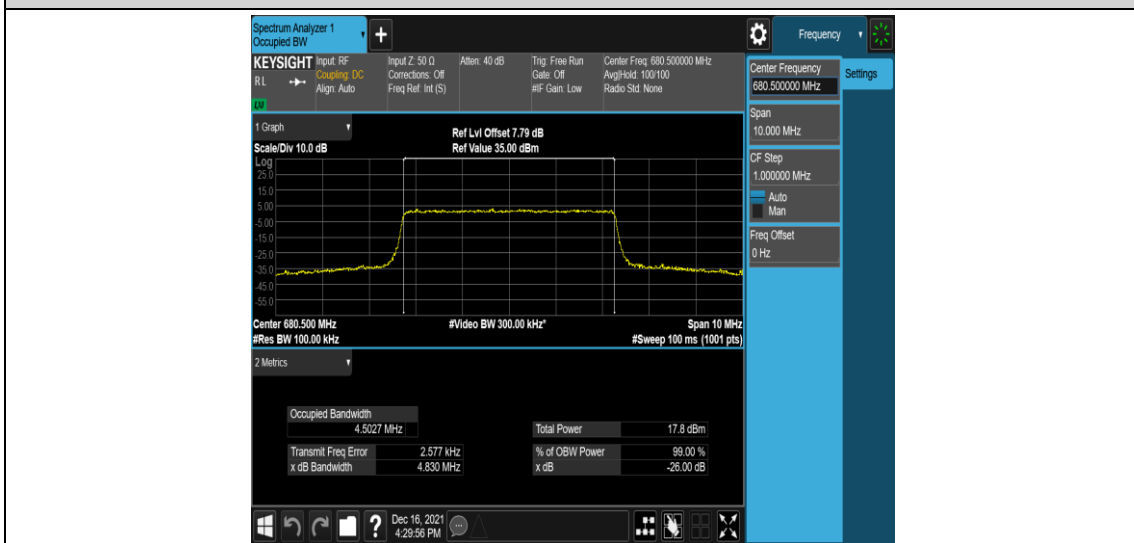
Band71-5MHz-QPSK-133297-25RB#0



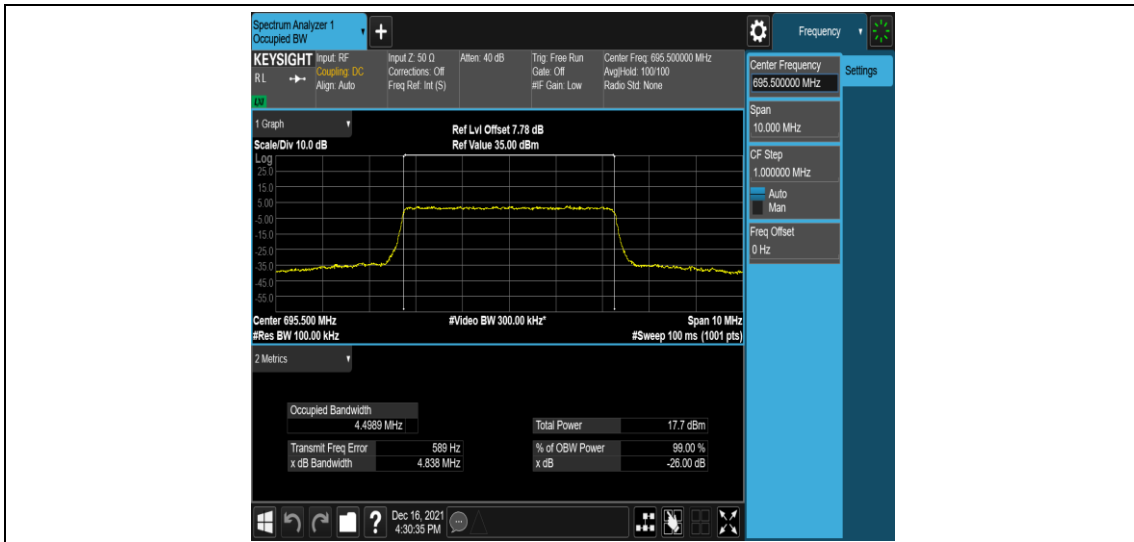
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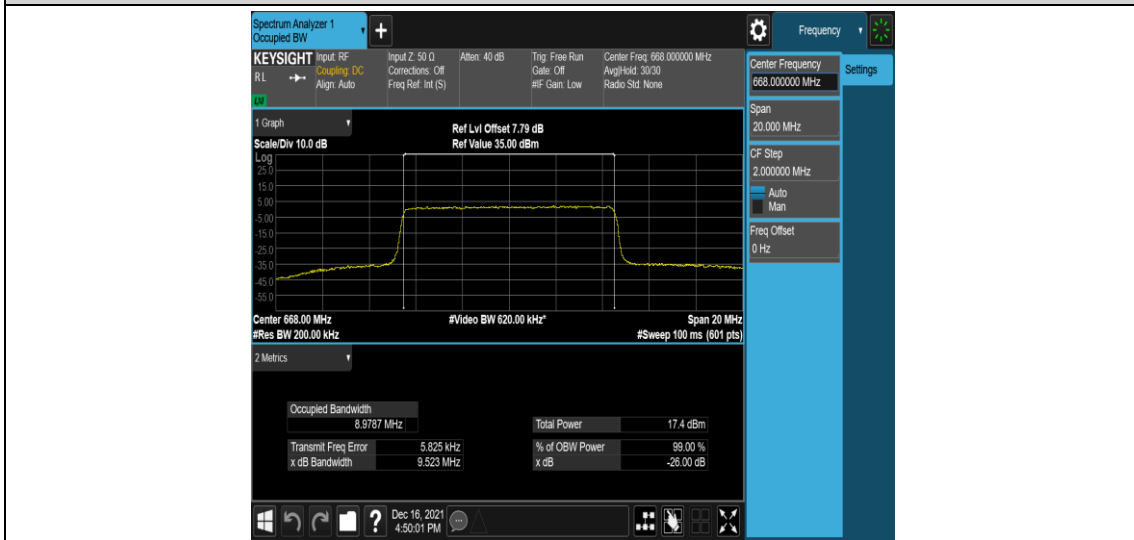
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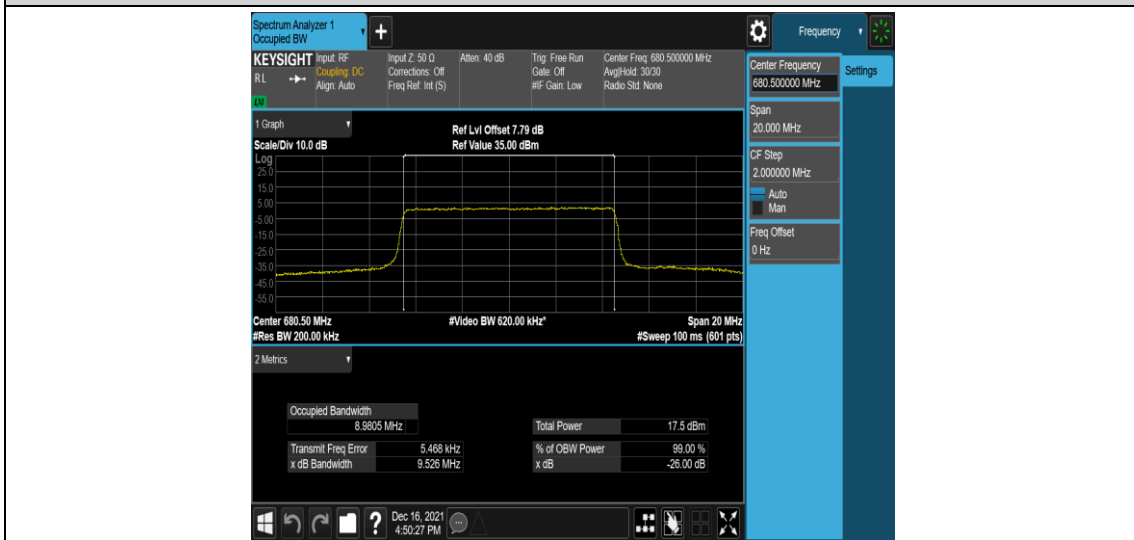
Band71-5MHz-16QAM-133297-25RB#0



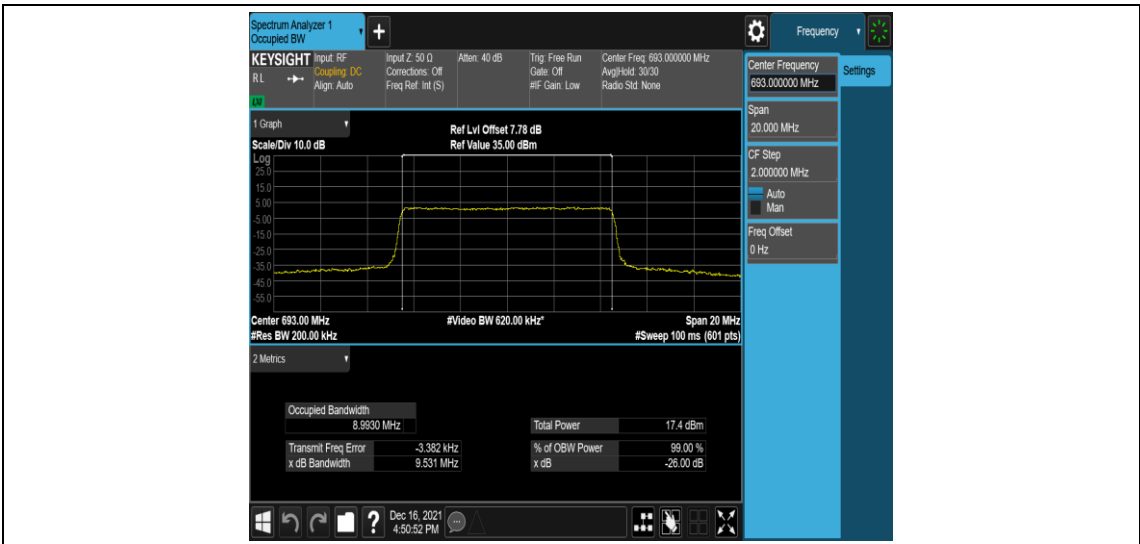
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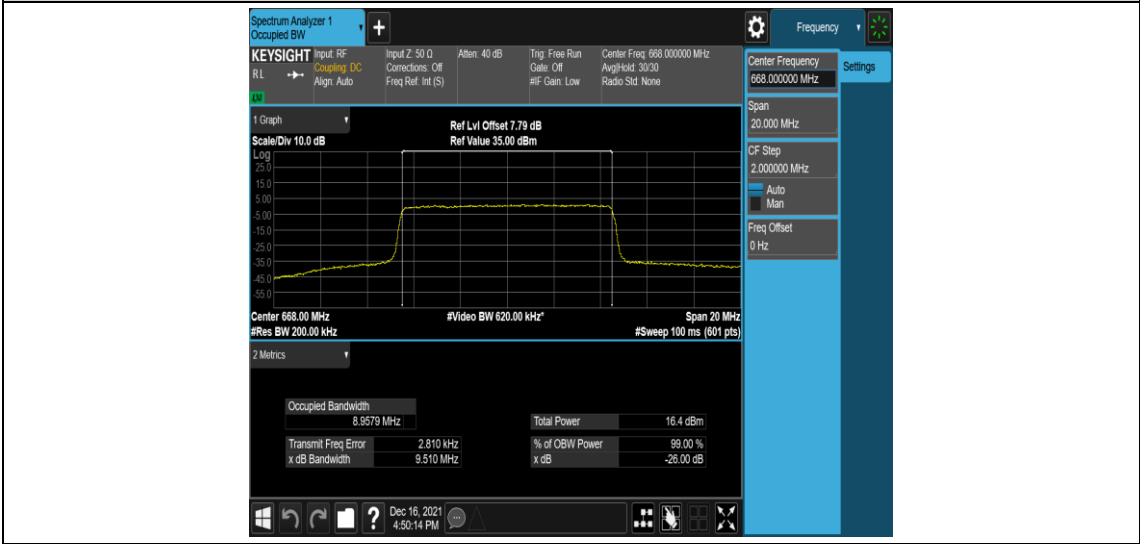
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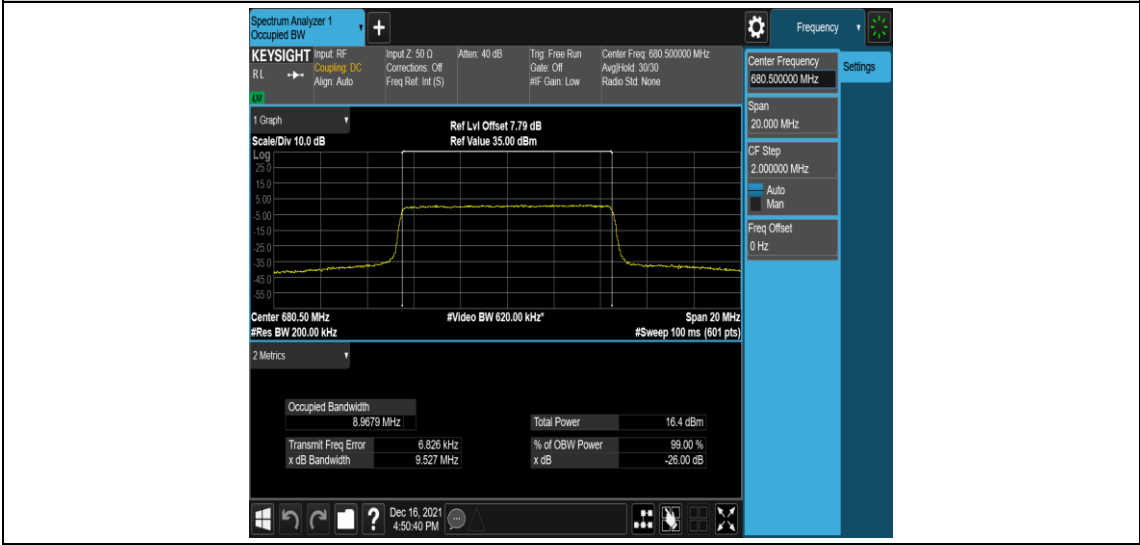
Band71-10MHz-QPSK-133297-50RB#0



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



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



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