

FCC LTE Band71 Test Data

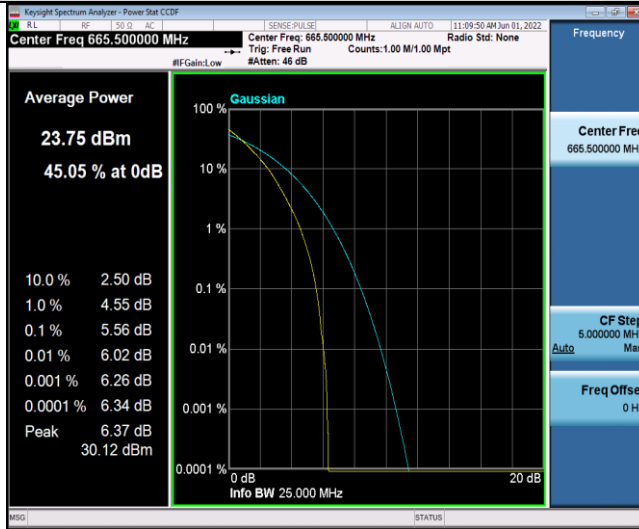
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

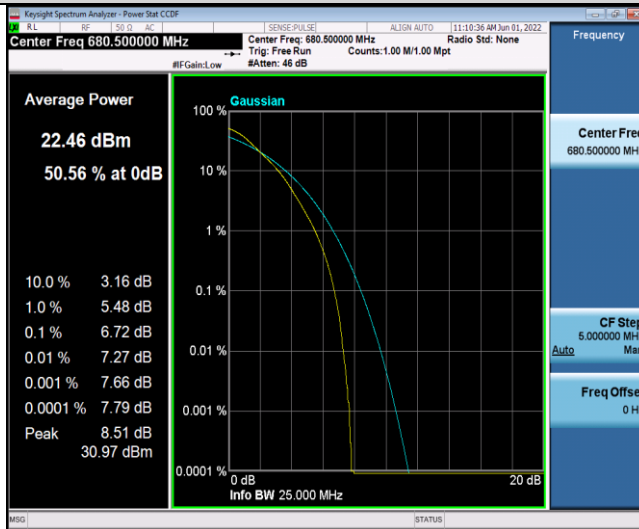
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	5.56	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	6.72	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.82	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	7.98	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	7.93	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	8.22	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	5.31	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	5.77	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	5.76	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	7.64	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.06	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	7.54	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.84	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	5.93	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	5.91	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	7.58	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	7.89	13	PASS
Band71	15MHz	16QAM	133397	75RB#0	7.44	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.78	13	PASS
Band71	20MHz	QPSK	133297	100RB#0	5.60	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.76	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	7.62	13	PASS
Band71	20MHz	16QAM	133297	100RB#0	7.94	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	7.16	13	PASS

Test Graphs

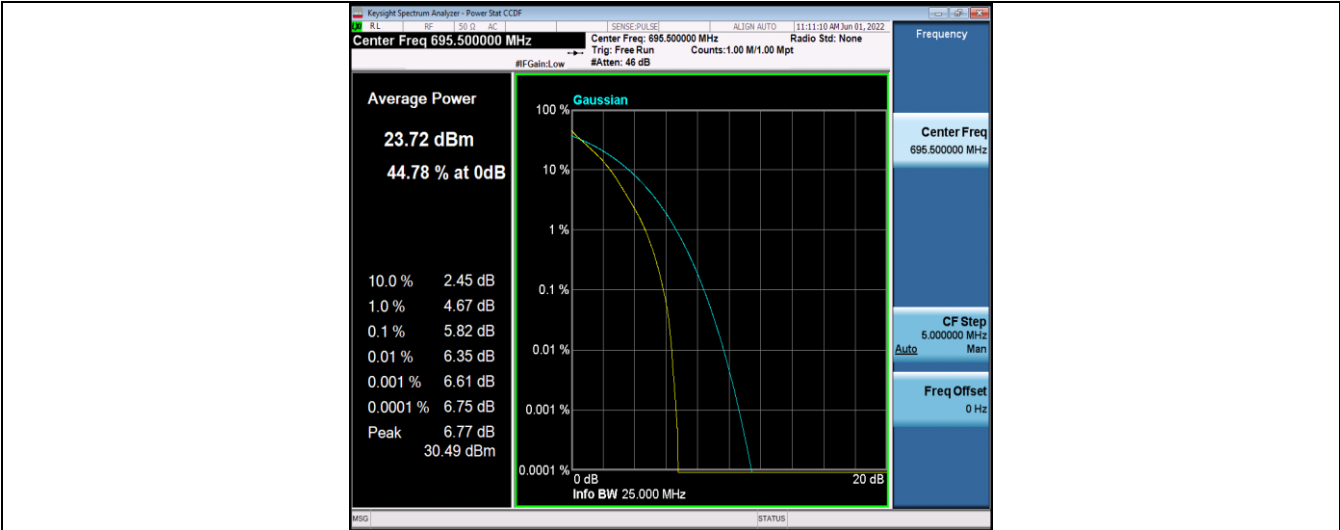
Band71-5MHz-QPSK-133147-25RB#0



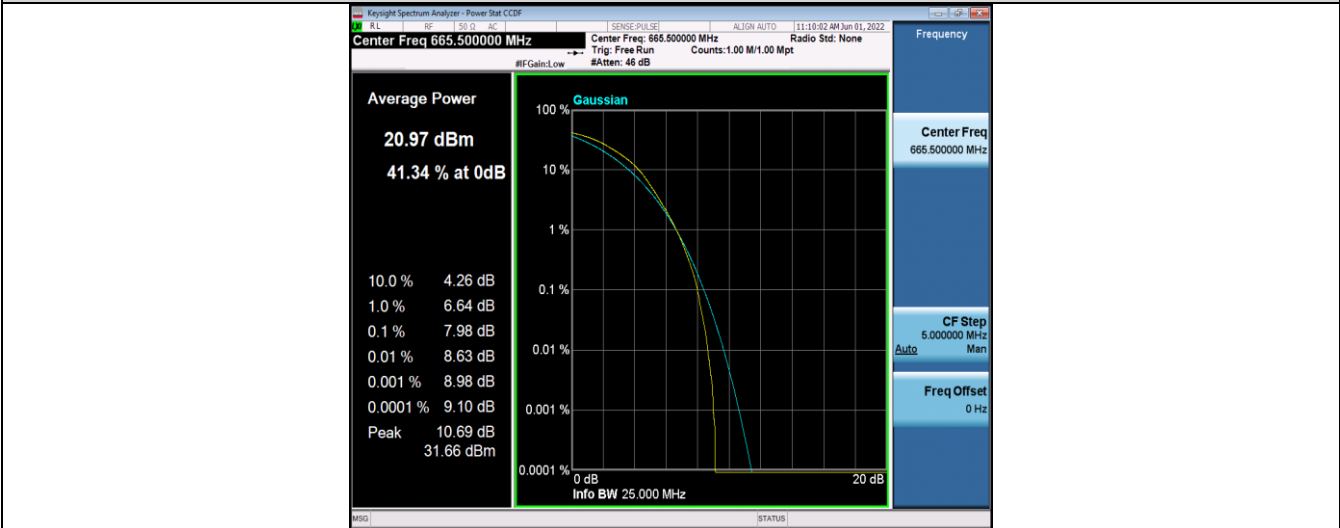
Band71-5MHz-QPSK-133297-25RB#0



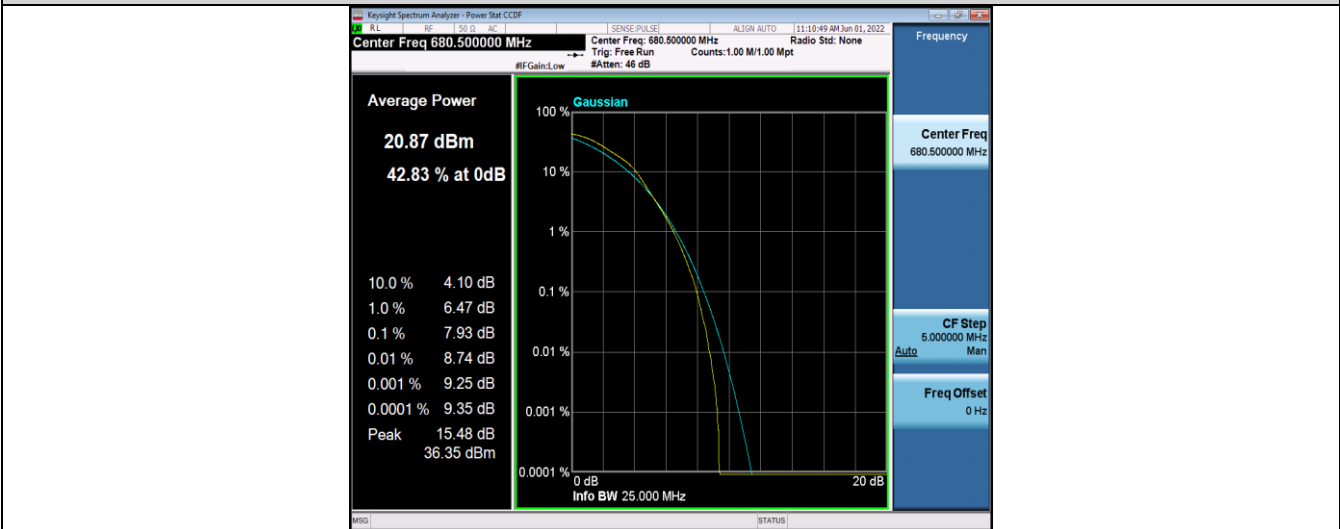
Band71-5MHz-QPSK-133447-25RB#0



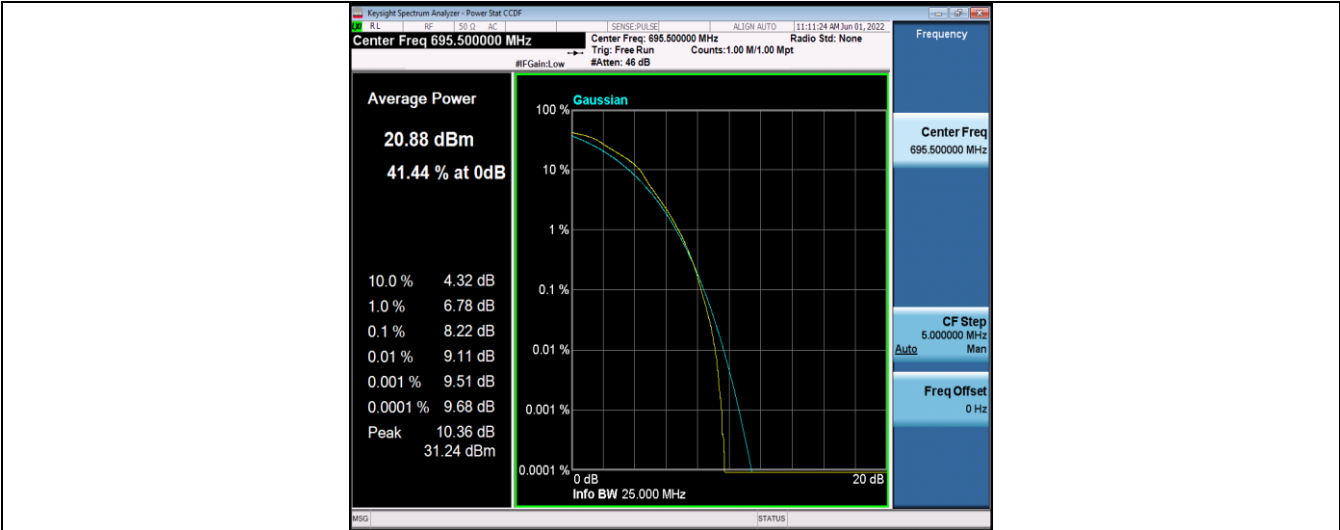
Band71-5MHz-16QAM-133147-25RB#0



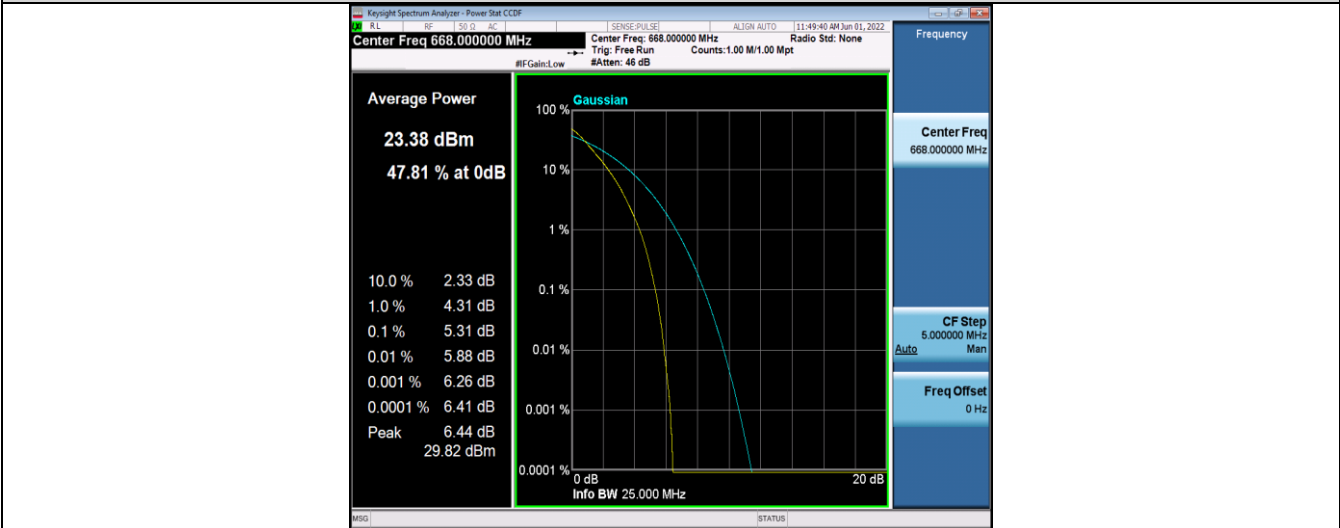
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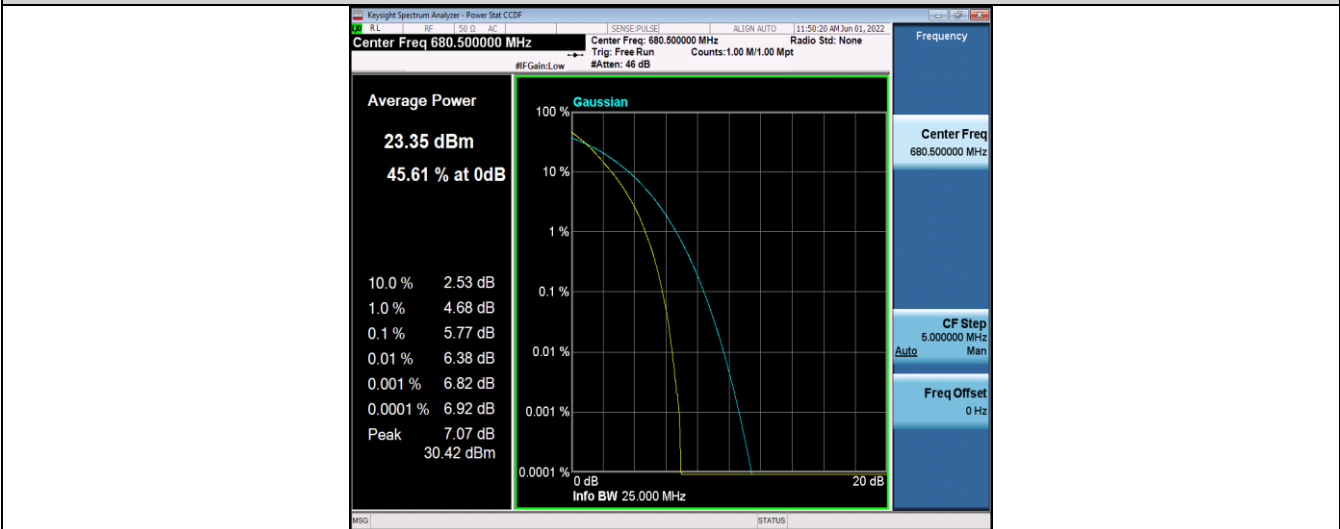
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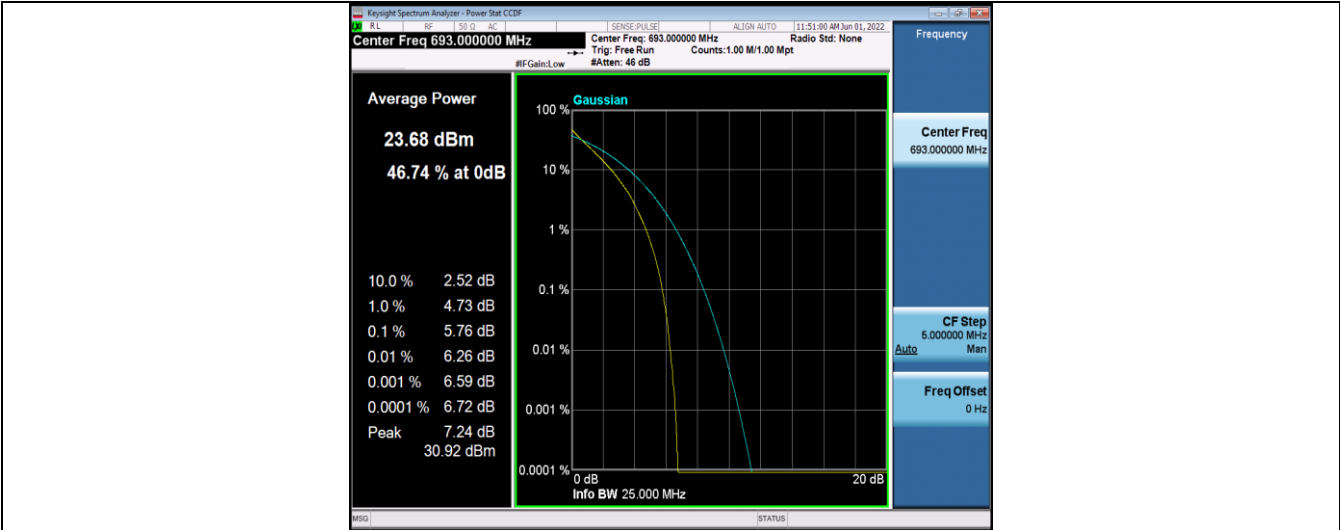
Band71-10MHz-QPSK-133172-50RB#0



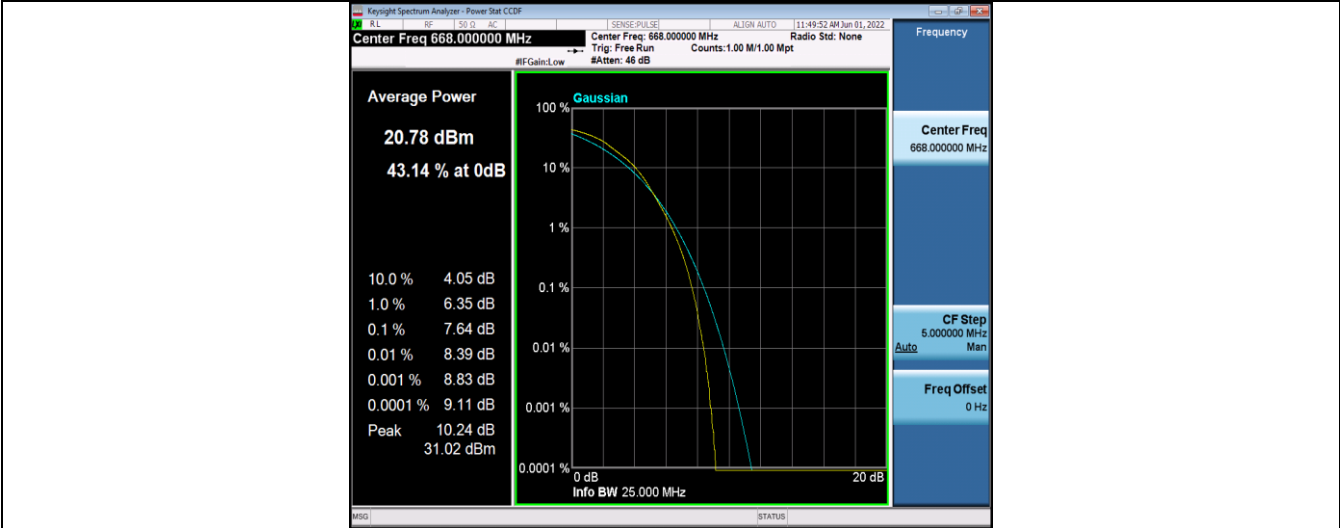
Band71-10MHz-QPSK-133297-50RB#0



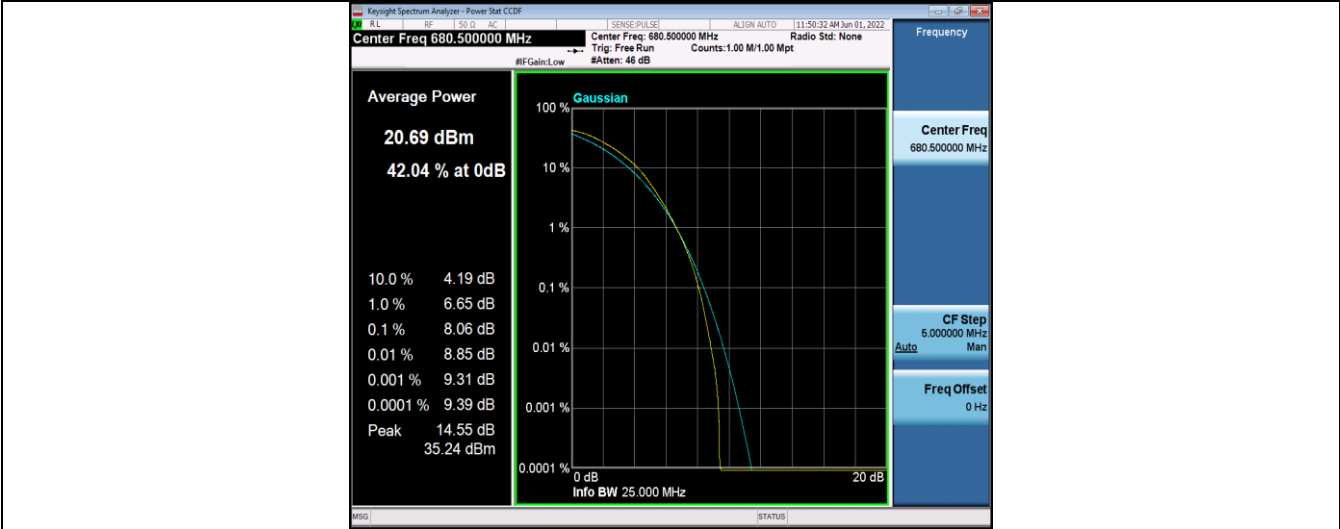
Band71-10MHz-QPSK-133422-50RB#0



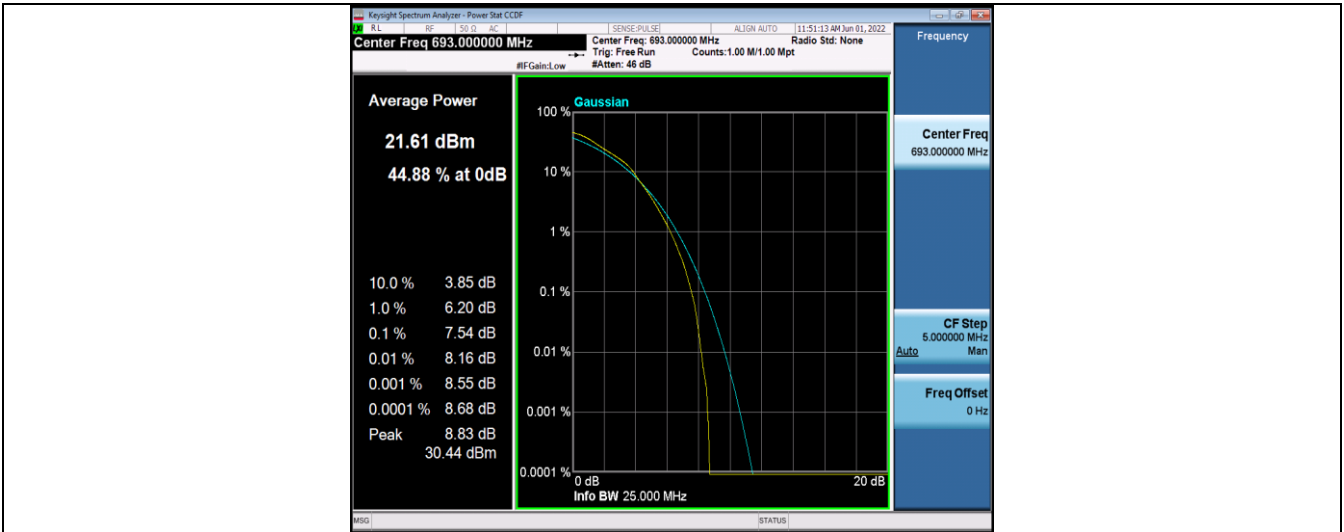
Band71-10MHz-16QAM-133172-50RB#0



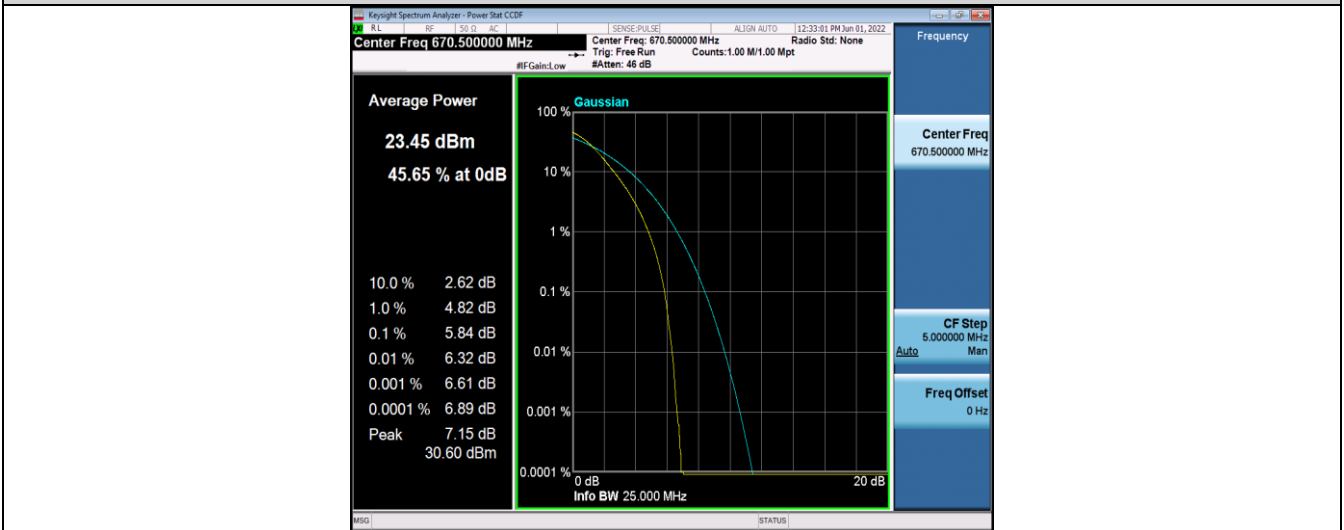
Band71-10MHz-16QAM-133297-50RB#0



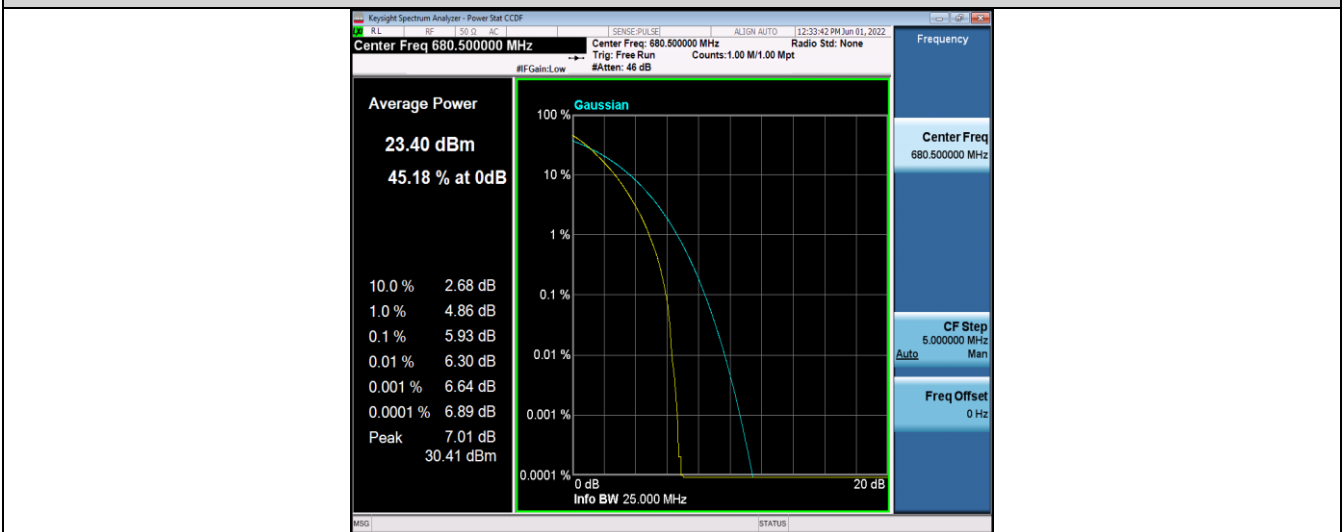
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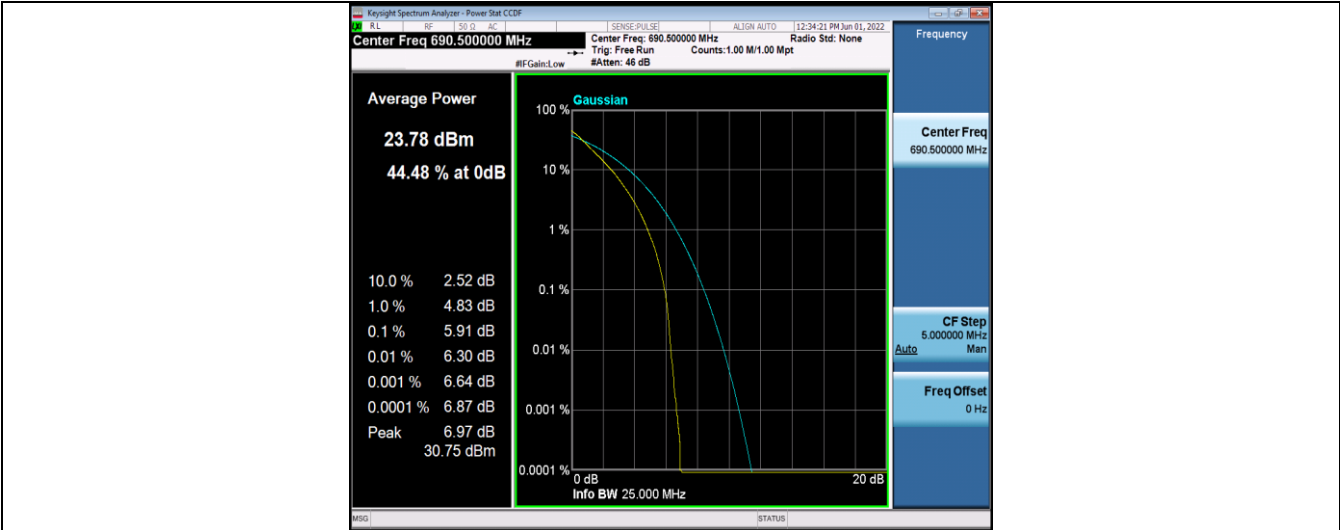
Band71-15MHz-QPSK-133197-75RB#0



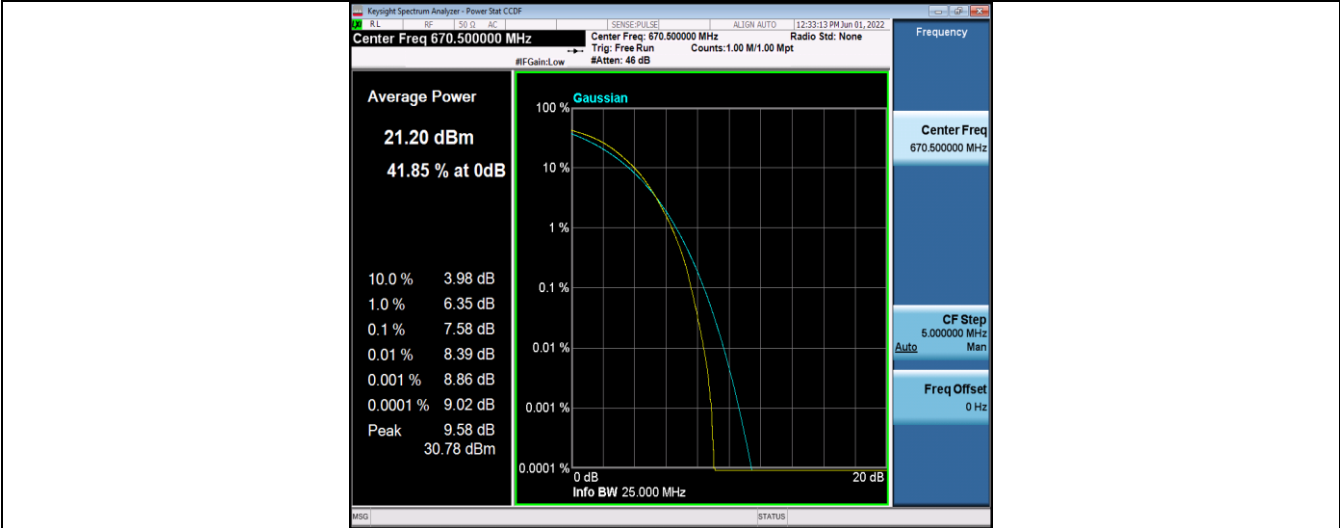
Band71-15MHz-QPSK-133297-75RB#0



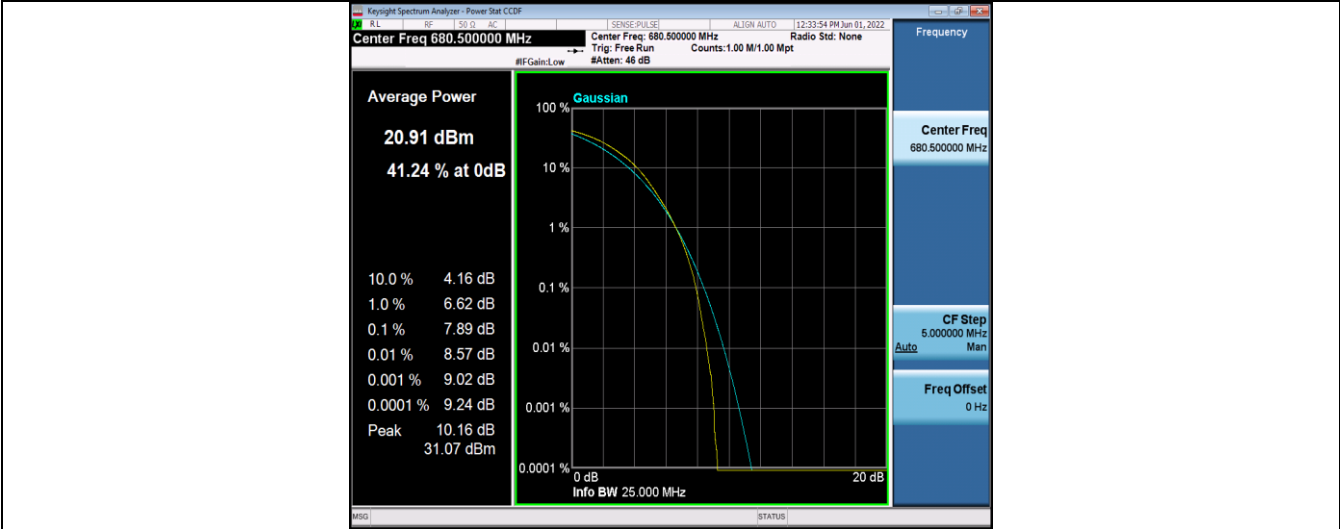
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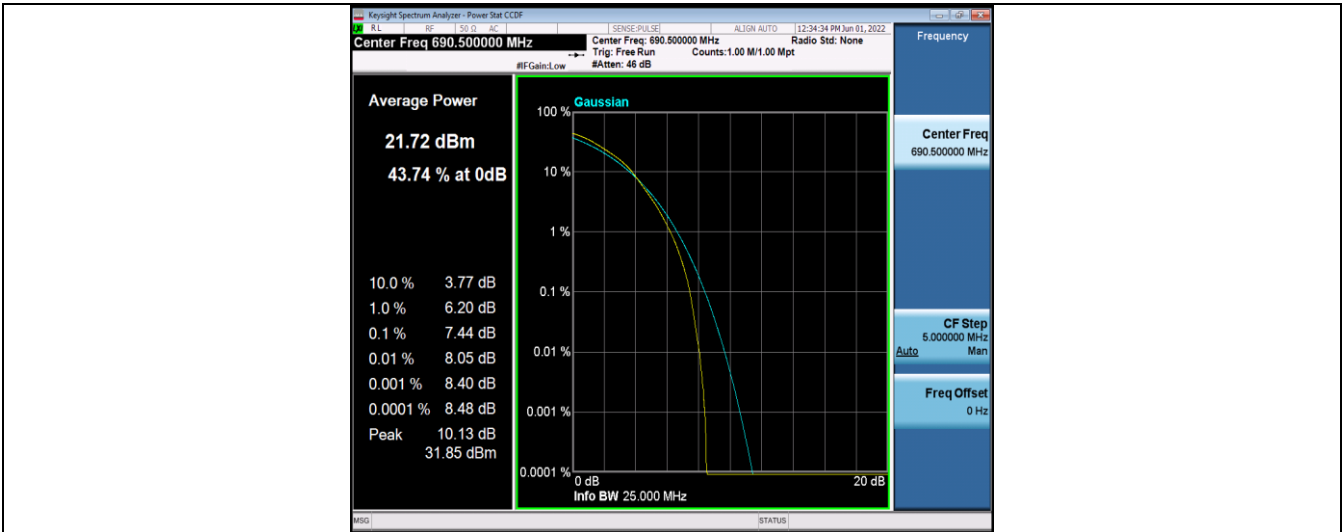
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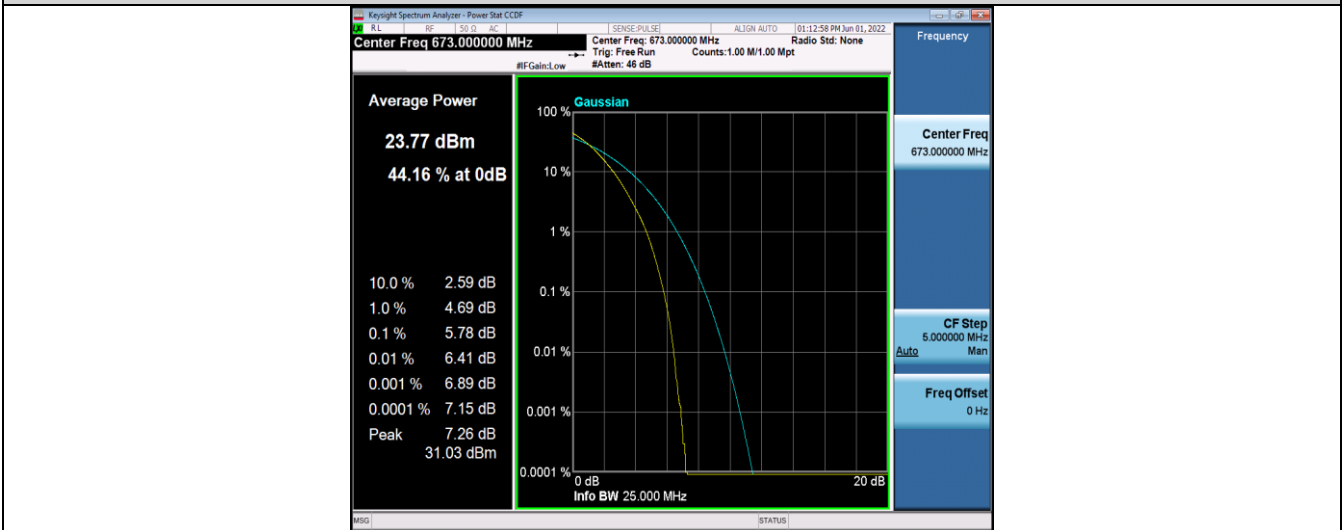
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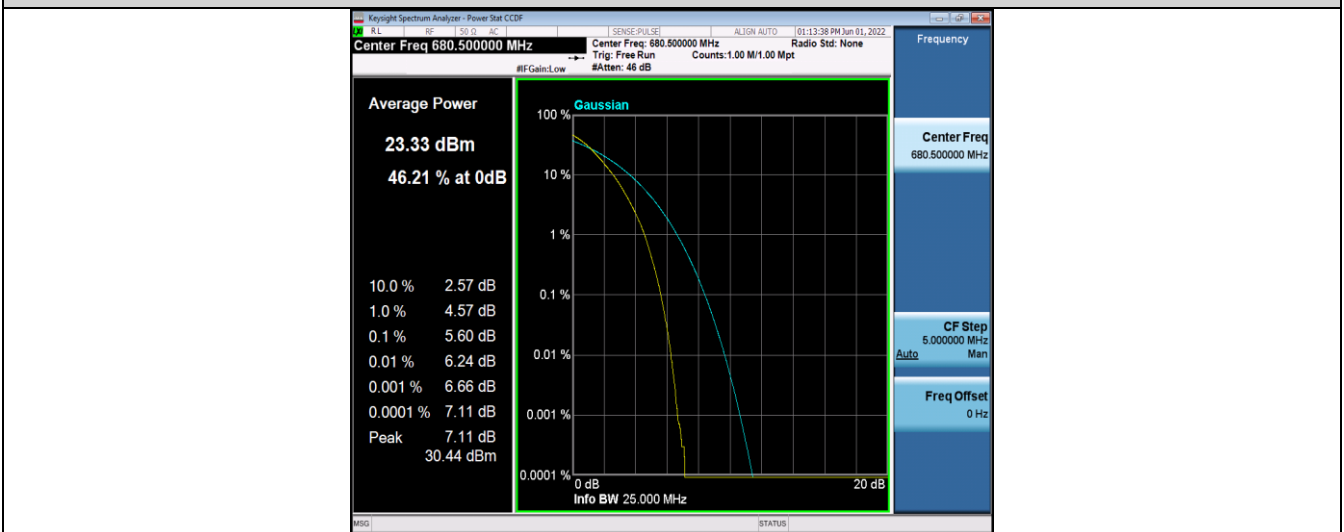
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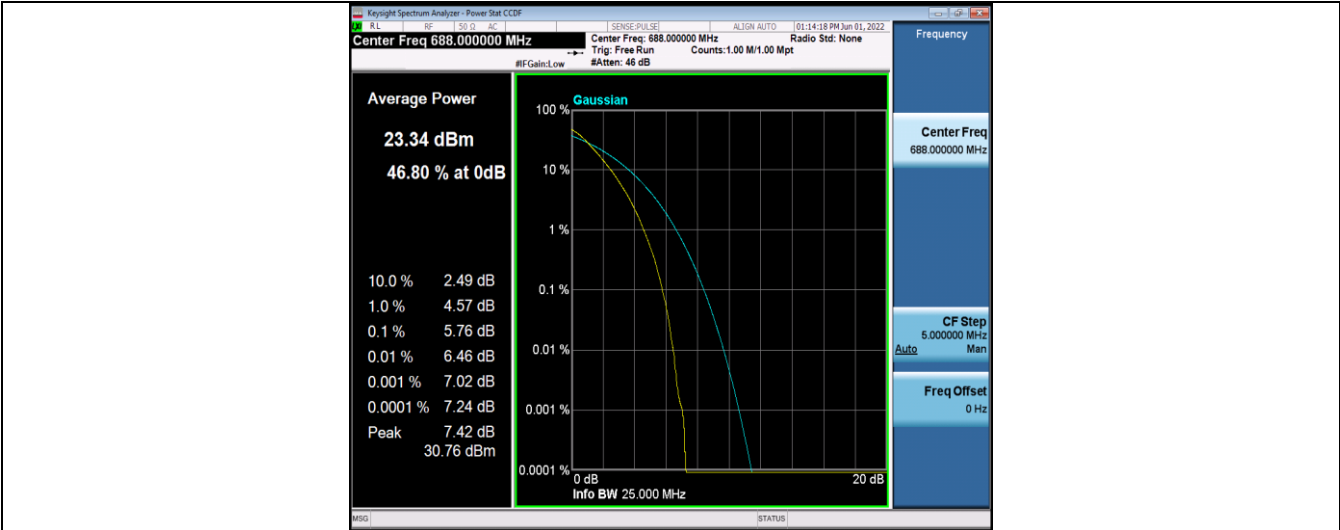
Band71-20MHz-QPSK-133222-100RB#0



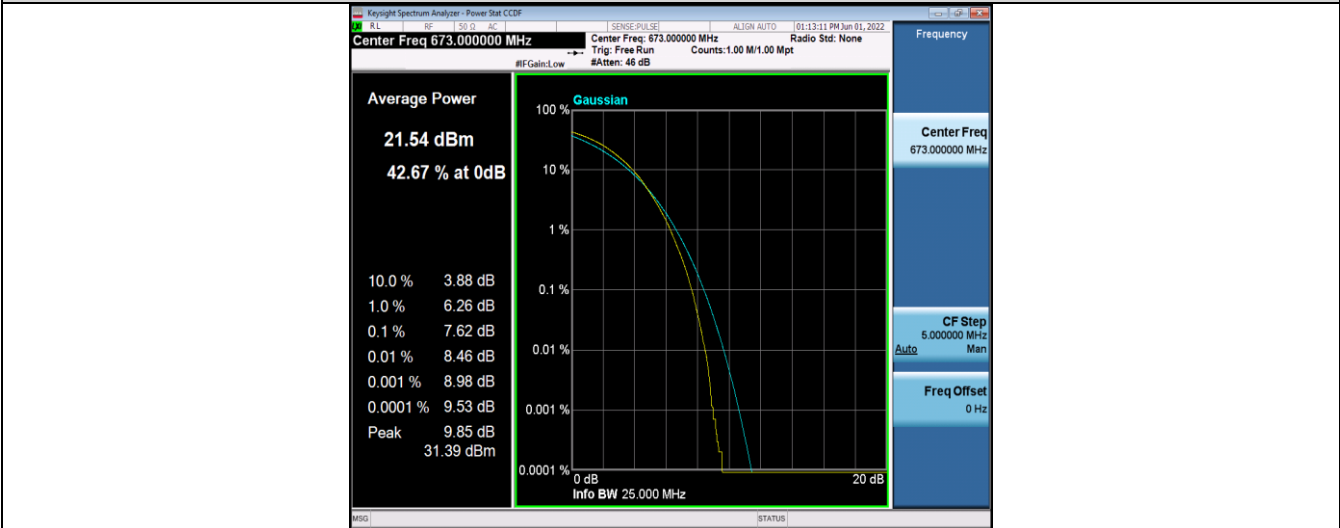
Band71-20MHz-QPSK-133297-100RB#0



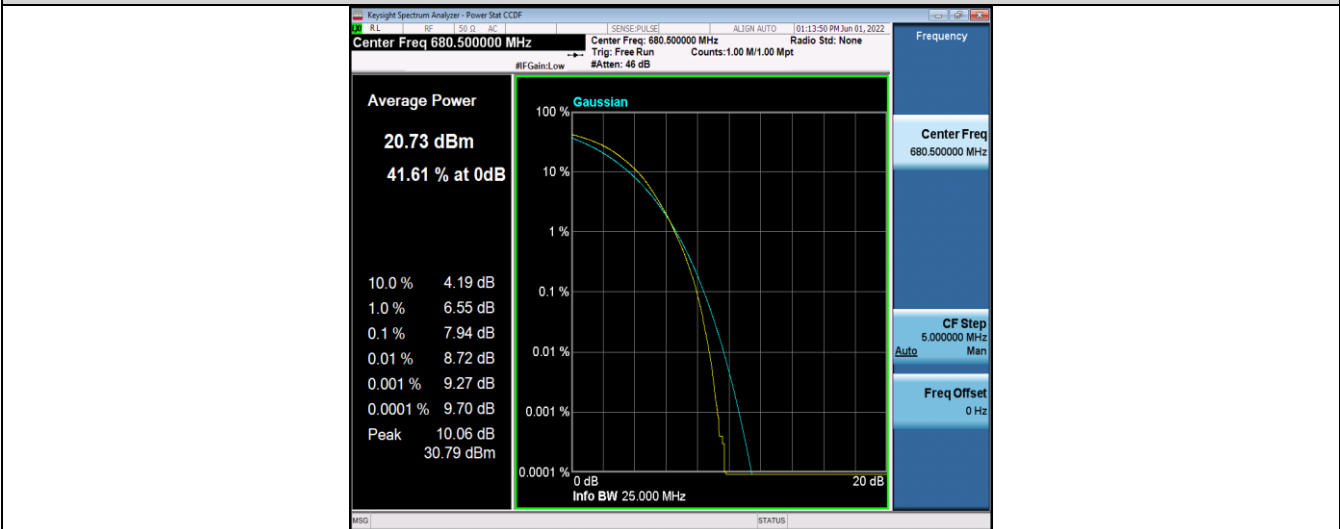
Band71-20MHz-QPSK-133372-100RB#0



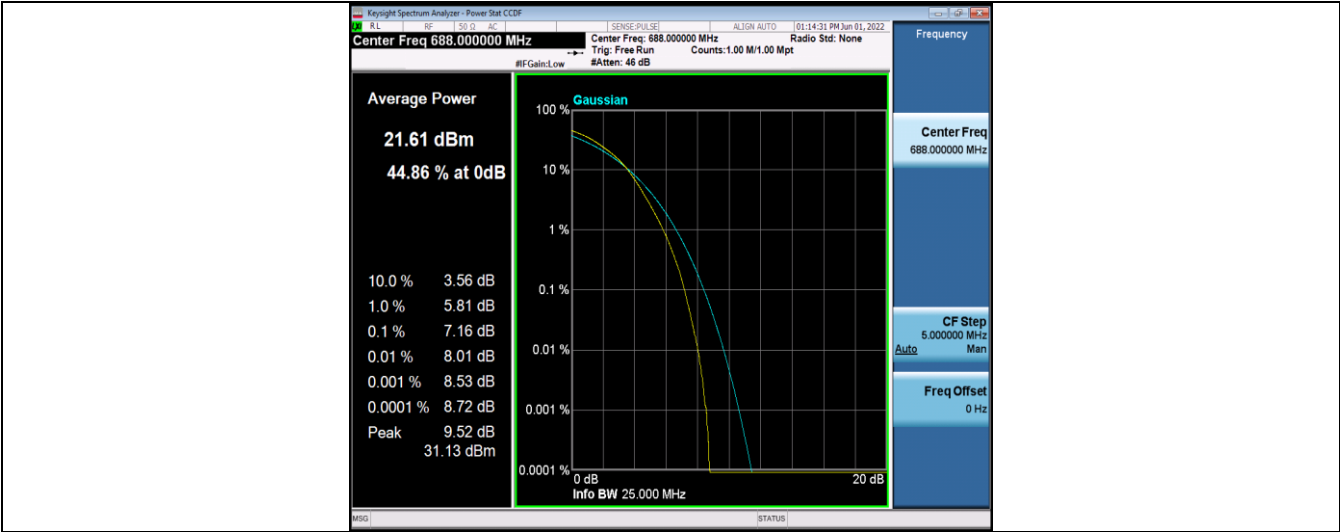
Band71-20MHz-16QAM-133222-100RB#0



Band71-20MHz-16QAM-133297-100RB#0



Band71-20MHz-16QAM-133372-100RB#0



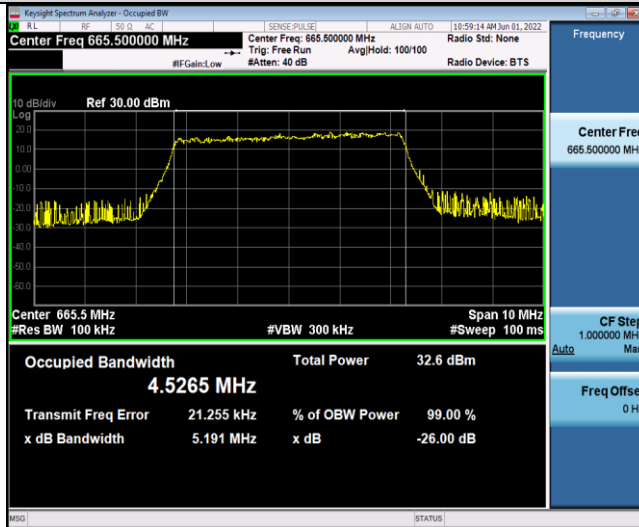
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

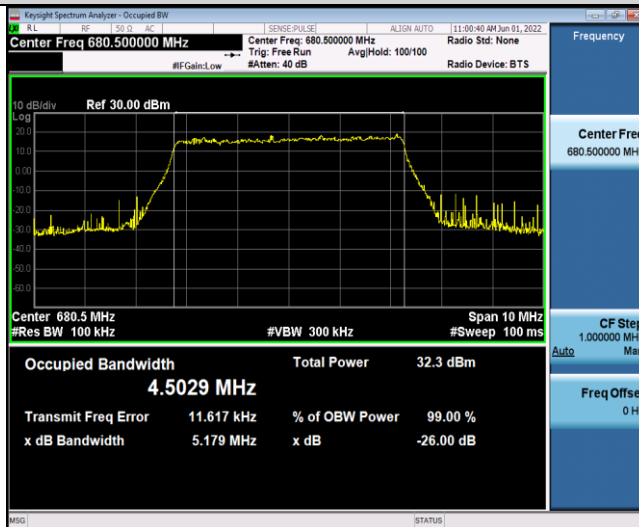
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.5265	5.191	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.5029	5.179	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.5290	5.177	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.5048	5.154	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.5280	5.181	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.5158	5.134	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.9219	9.928	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.9955	10.05	PASS
Band71	10MHz	QPSK	133422	50RB#0	9.0336	10.15	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.9245	9.915	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.9768	9.953	PASS
Band71	10MHz	16QAM	133422	50RB#0	9.0241	10.10	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.407	14.81	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.505	14.86	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.529	15.19	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.424	14.91	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.456	14.85	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.531	14.99	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.977	19.97	PASS
Band71	20MHz	QPSK	133297	100RB#0	17.943	19.63	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.905	19.85	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.976	19.68	PASS
Band71	20MHz	16QAM	133297	100RB#0	17.986	19.66	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.901	19.59	PASS

Test Graphs

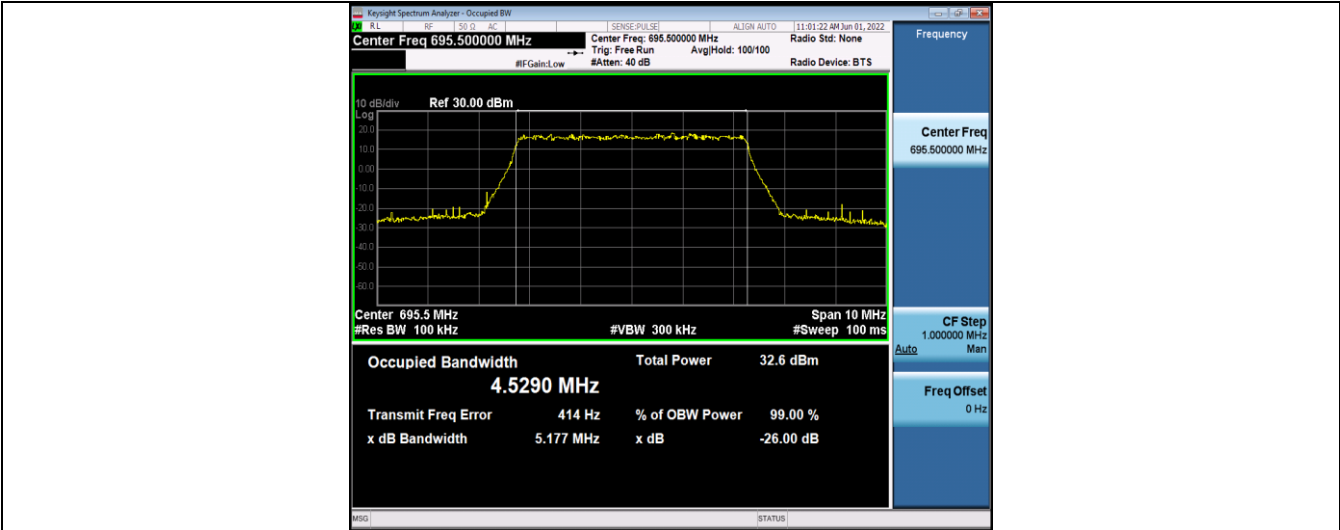
Band71-5MHz-QPSK-133147-25RB#0



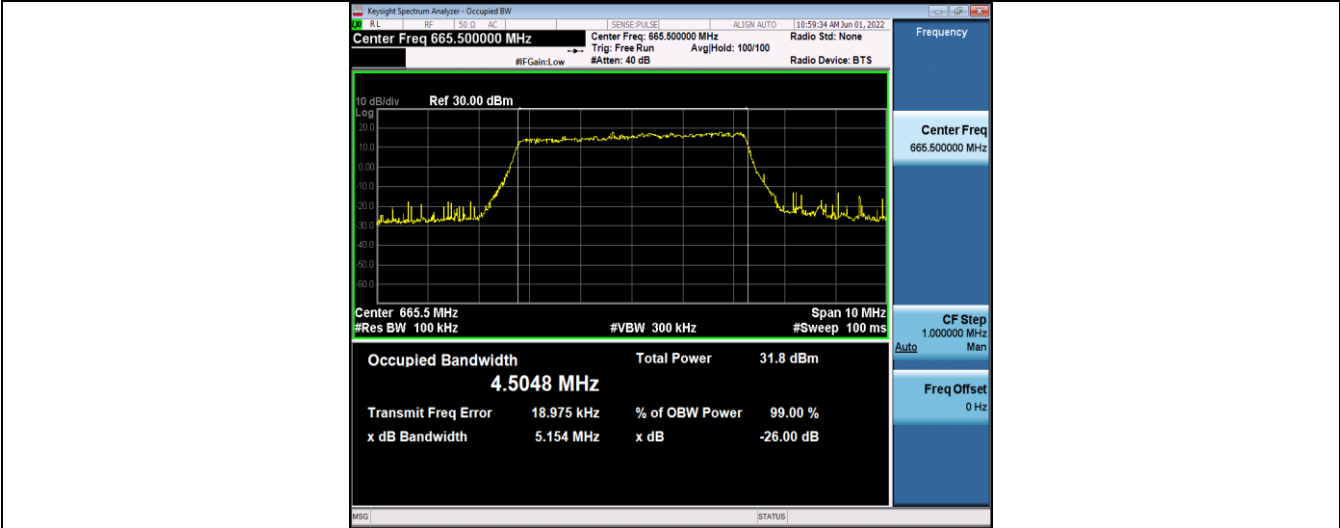
Band71-5MHz-QPSK-133297-25RB#0



Band71-5MHz-QPSK-133447-25RB#0



Band71-5MHz-16QAM-133147-25RB#0



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



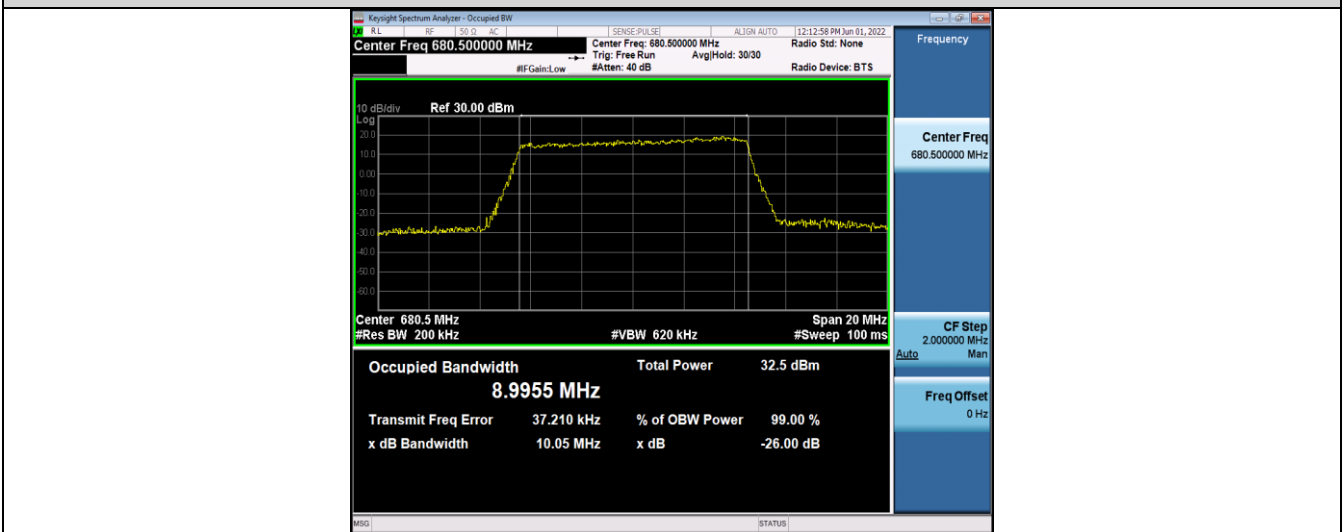
Band71-5MHz-16QAM-133447-25RB#0



Band71-10MHz-QPSK-133172-50RB#0



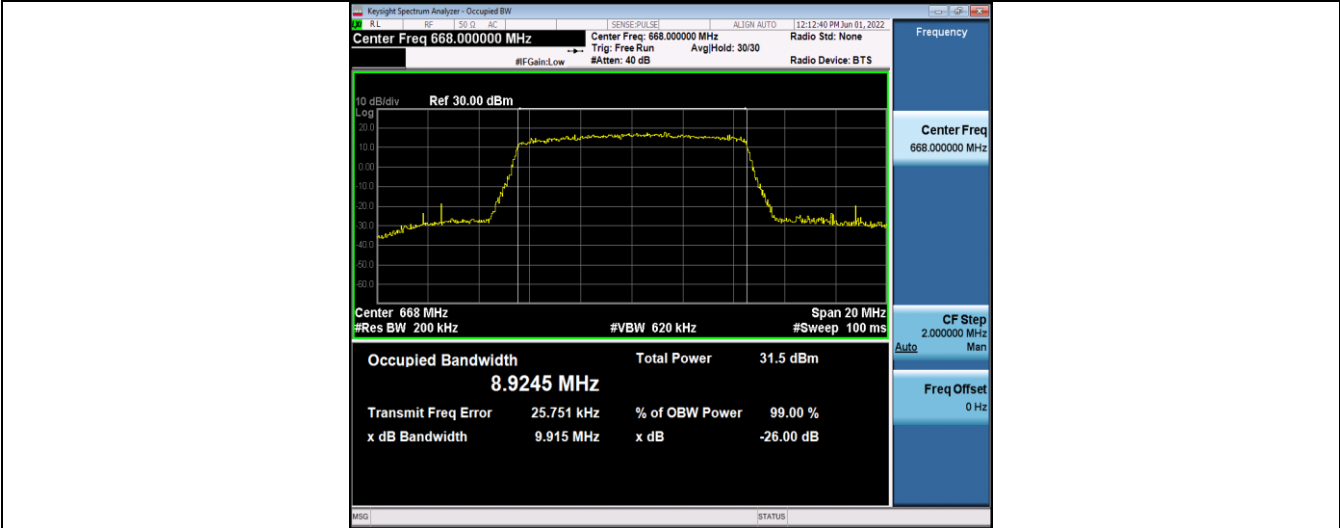
Band71-10MHz-QPSK-133297-50RB#0



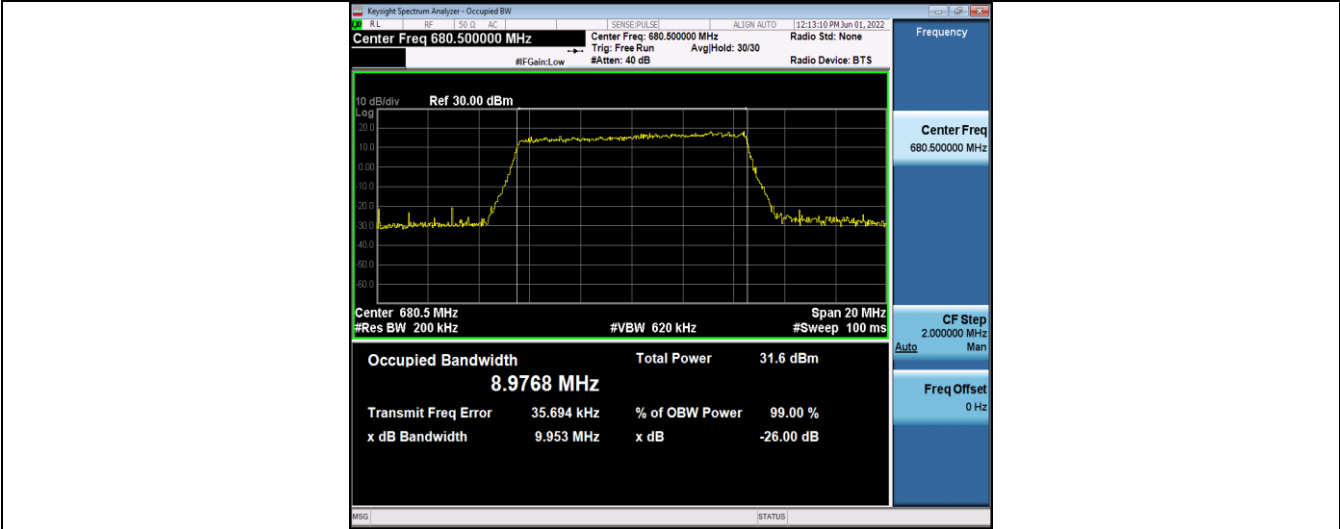
Band71-10MHz-QPSK-133422-50RB#0



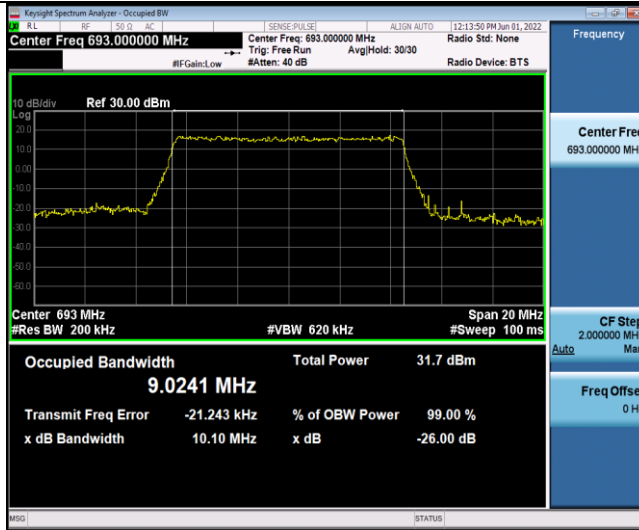
Band71-10MHz-16QAM-133172-50RB#0



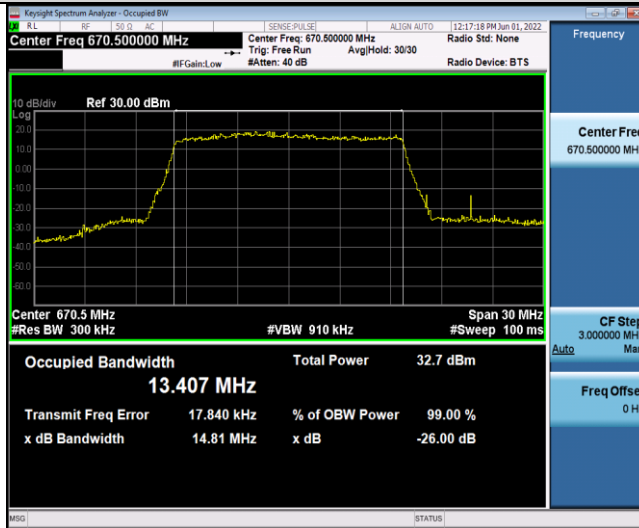
Band71-10MHz-16QAM-133297-50RB#0



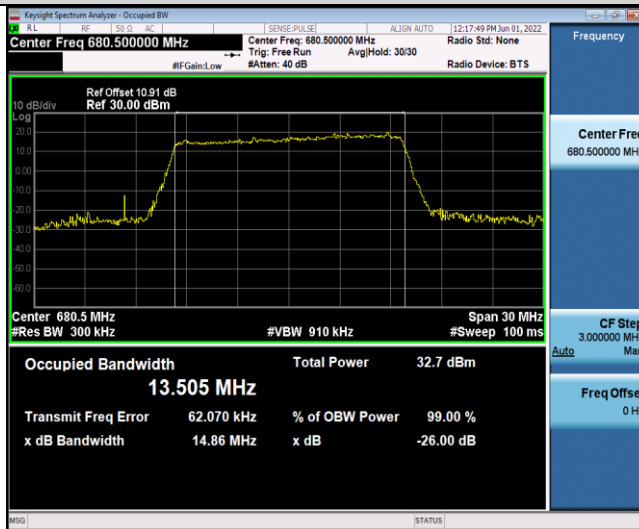
Band71-10MHz-16QAM-133422-50RB#0



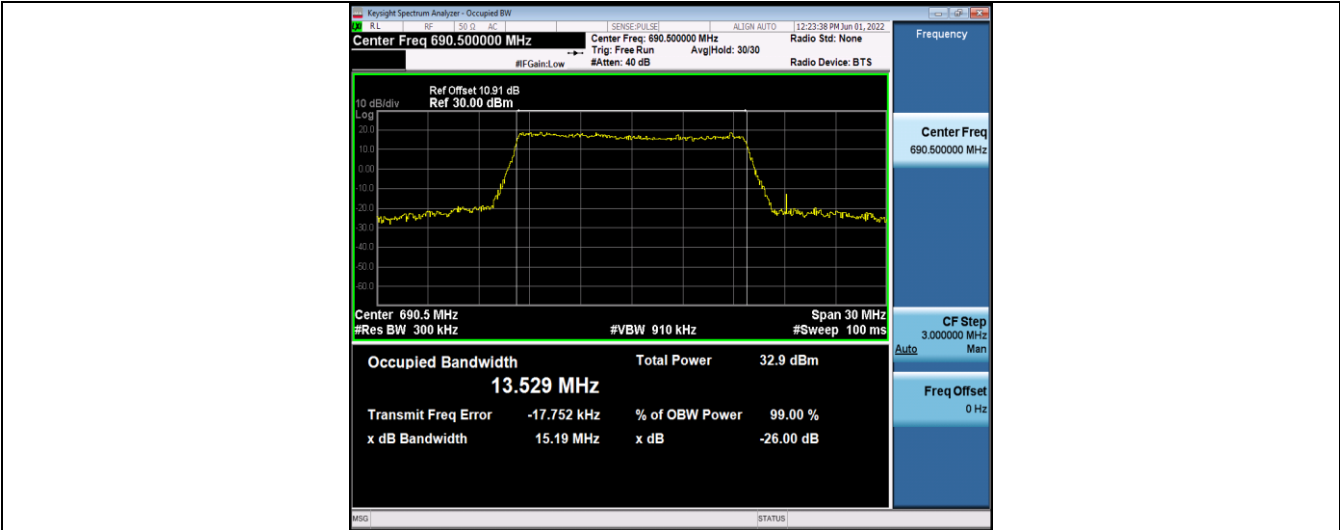
Band71-15MHz-QPSK-133197-75RB#0



Band71-15MHz-QPSK-133297-75RB#0



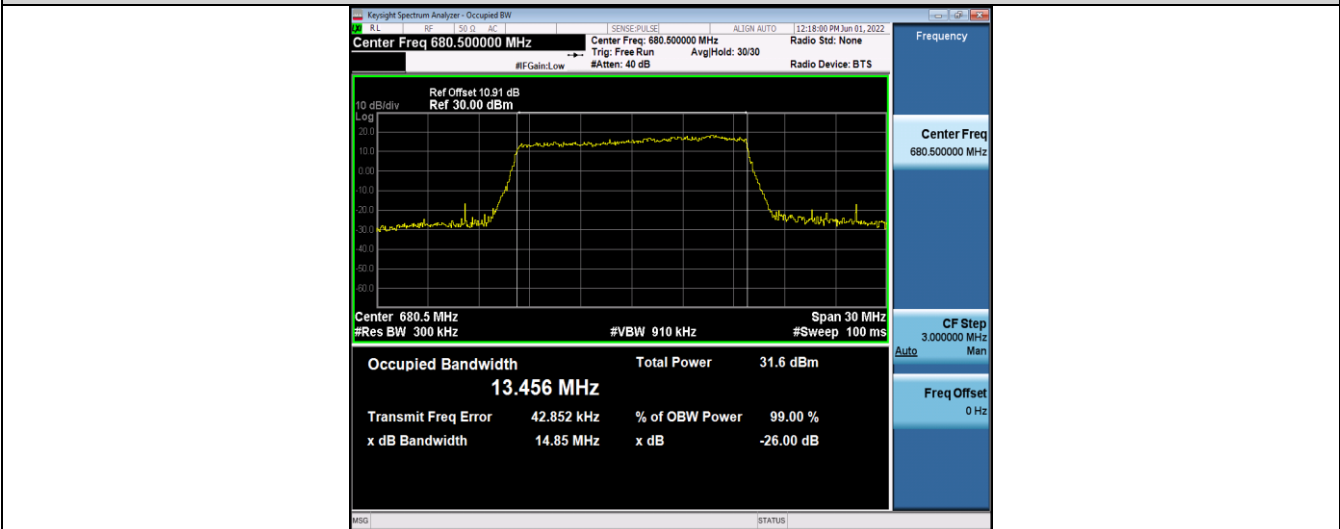
Band71-15MHz-QPSK-133397-75RB#0



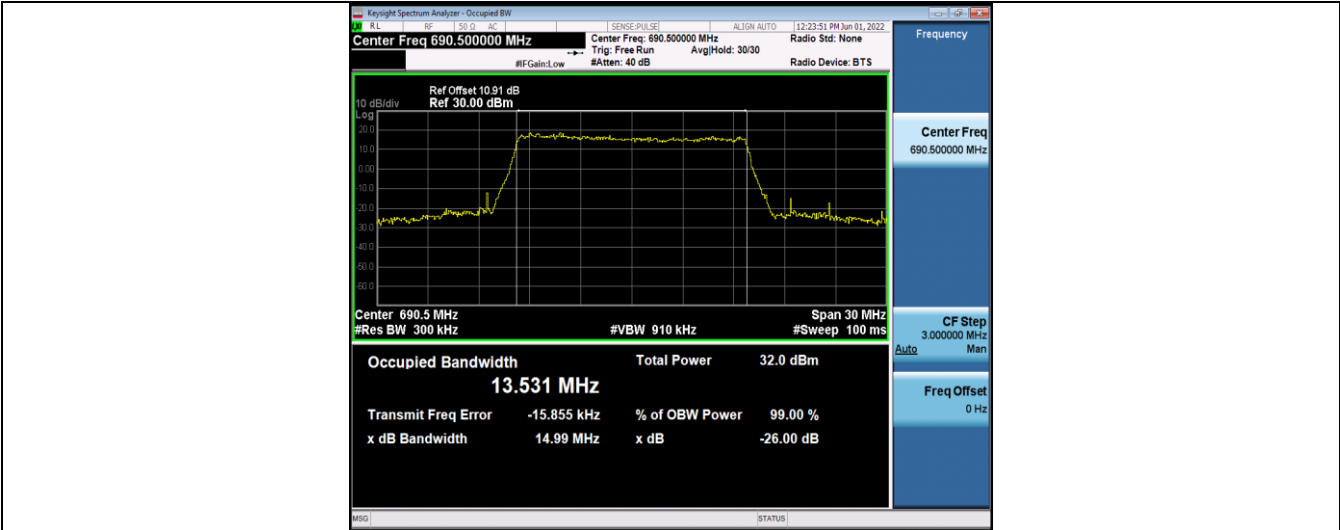
Band71-15MHz-16QAM-133197-75RB#0



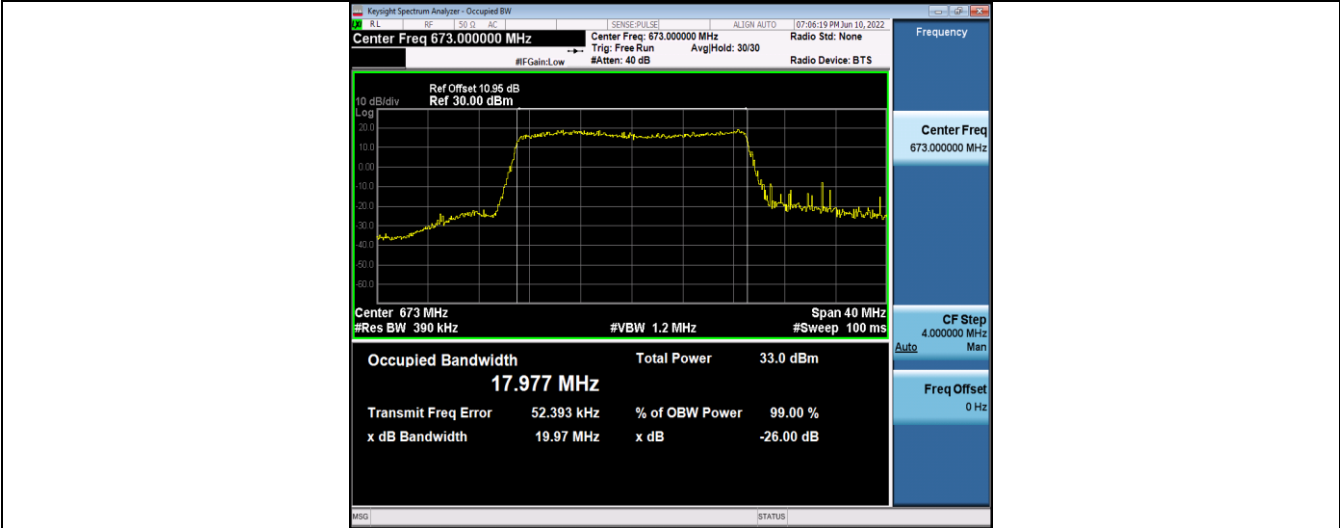
Band71-15MHz-16QAM-133297-75RB#0



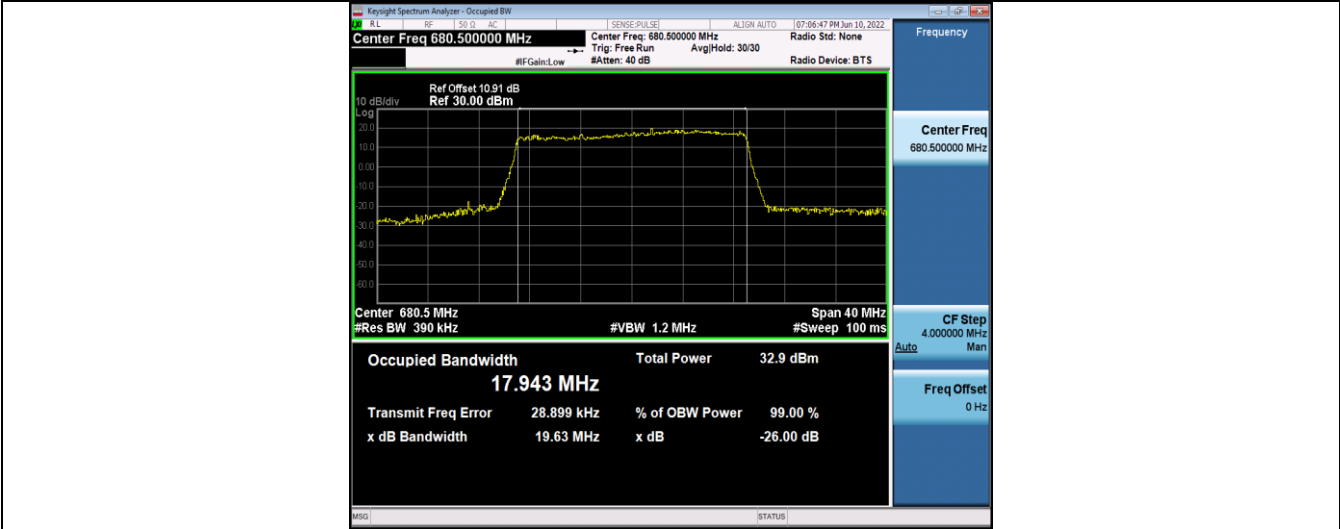
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Band71-20MHz-QPSK-133222-100RB#0



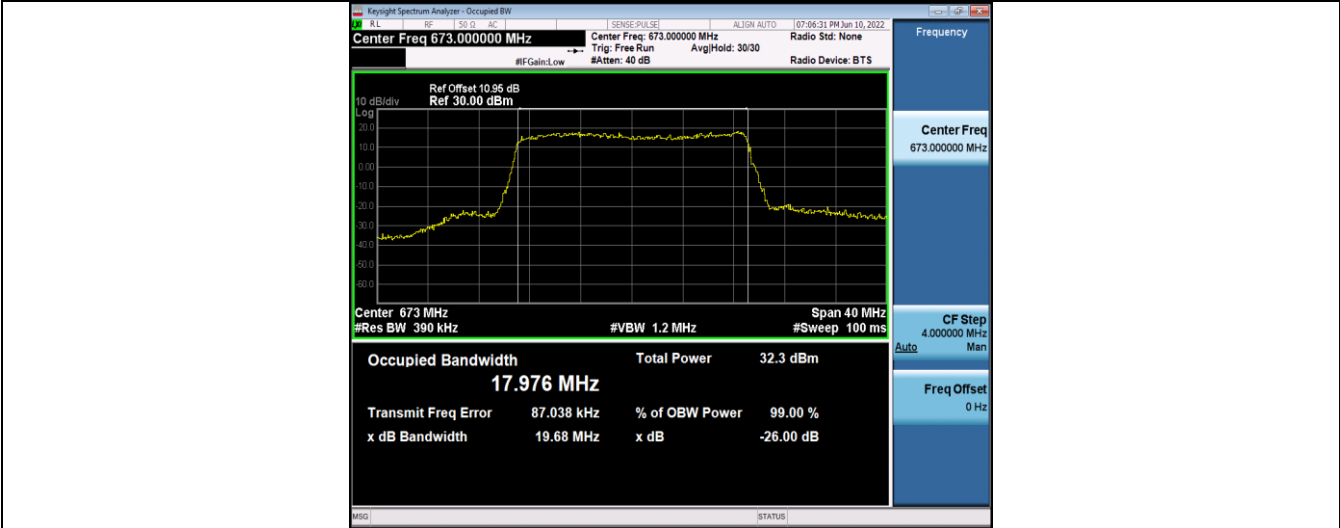
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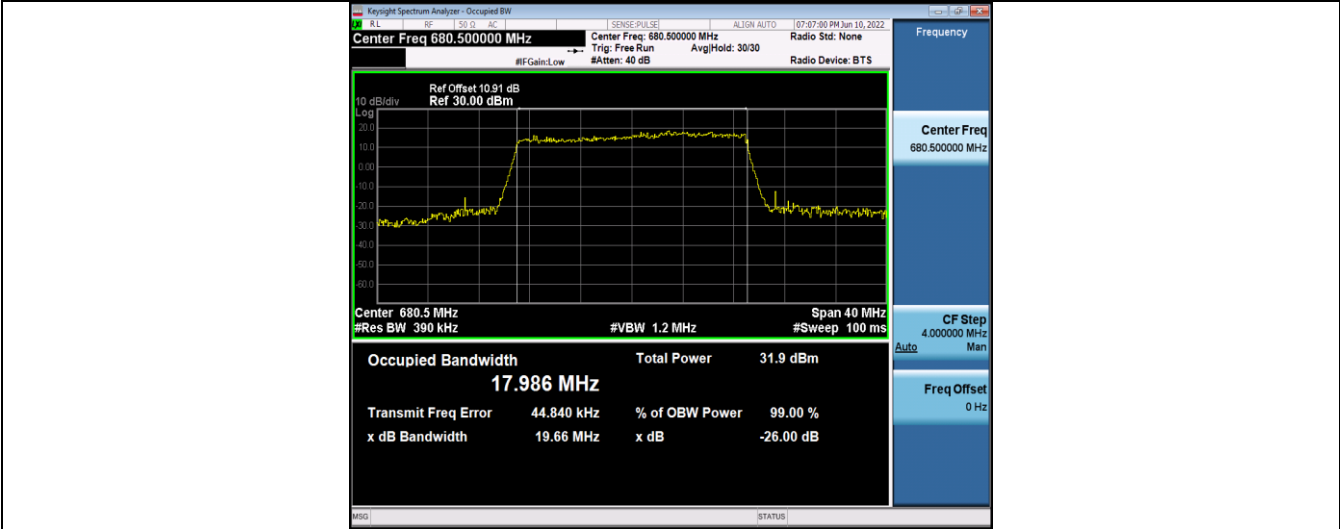
Band71-20MHz-QPSK-133372-100RB#0



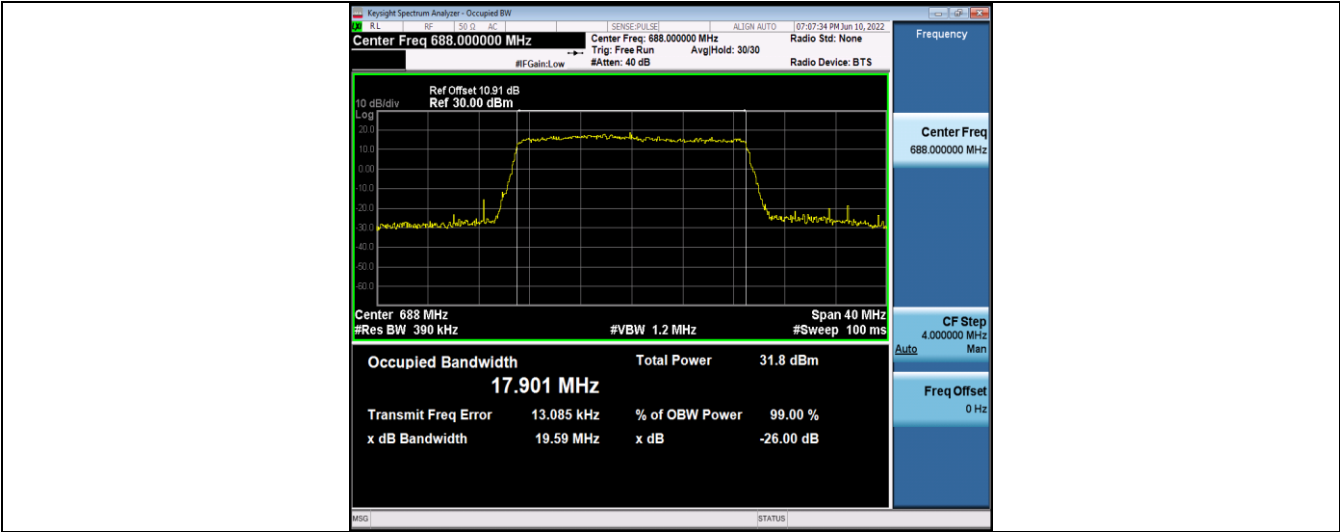
Band71-20MHz-16QAM-133222-100RB#0



Band71-20MHz-16QAM-133297-100RB#0



Band71-20MHz-16QAM-133372-100RB#0



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	-23.67	PASS
Band71	5MHz	QPSK	133447	25RB#0	-23.69	PASS
Band71	5MHz	16QAM	133147	25RB#0	-24.05	PASS
Band71	5MHz	16QAM	133447	25RB#0	-22.35	PASS
Band71	10MHz	QPSK	133172	50RB#0	-30.72	PASS
Band71	10MHz	QPSK	133422	50RB#0	-27.46	PASS
Band71	10MHz	16QAM	133172	50RB#0	-30.13	PASS
Band71	10MHz	16QAM	133422	50RB#0	-27.07	PASS
Band71	15MHz	QPSK	133197	75RB#0	-31.66	PASS
Band71	15MHz	QPSK	133397	75RB#0	-28.75	PASS
Band71	15MHz	16QAM	133197	75RB#0	-30.79	PASS
Band71	15MHz	16QAM	133397	75RB#0	-30.00	PASS
Band71	20MHz	QPSK	133222	100RB#0	-33.55	PASS
Band71	20MHz	QPSK	133372	100RB#0	-32.70	PASS
Band71	20MHz	16QAM	133222	100RB#0	-33.32	PASS
Band71	20MHz	16QAM	133372	100RB#0	-32.74	PASS

Test Graphs

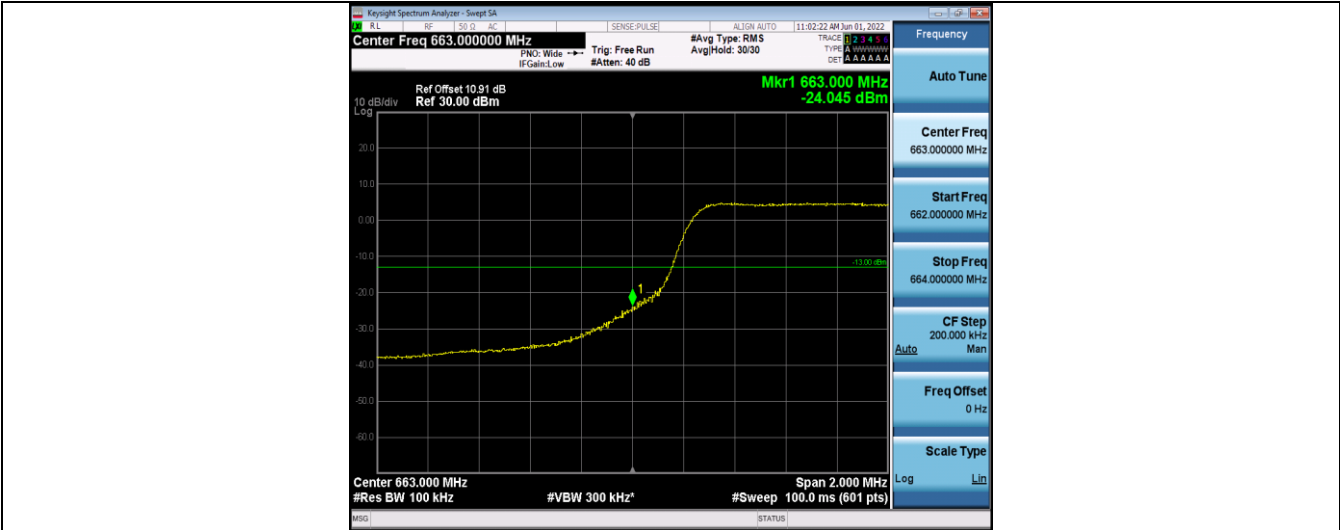
Band71-5MHz-QPSK-133147-25RB#0



Band71-5MHz-QPSK-133447-25RB#0



Band71-5MHz-16QAM-133147-25RB#0



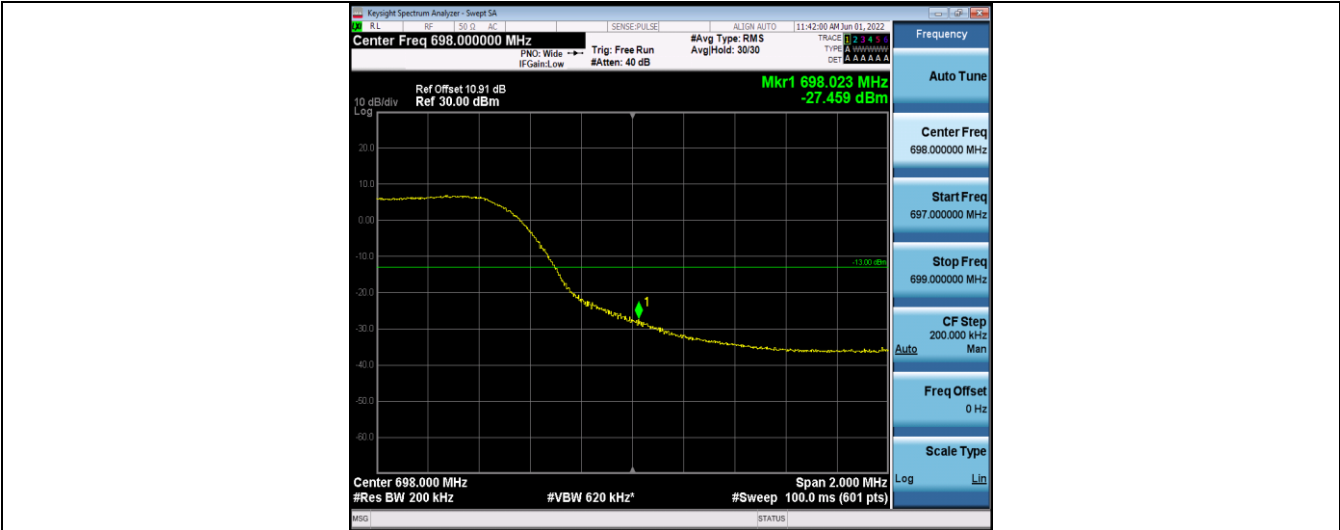
Band71-5MHz-16QAM-133447-25RB#0



Band71-10MHz-QPSK-133172-50RB#0



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



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



Band71-10MHz-16QAM-133422-50RB#0



Band71-15MHz-QPSK-133197-75RB#0