

Appendix for Band 71

Product Name: Smart Phone

Model No: X62

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	22.46	PASS
Band71	5MHz	16QAM	133147	1RB#0	21.44	PASS
Band71	5MHz	QPSK	133147	1RB#12	22.62	PASS
Band71	5MHz	16QAM	133147	1RB#12	21.64	PASS
Band71	5MHz	QPSK	133147	1RB#24	22.46	PASS
Band71	5MHz	16QAM	133147	1RB#24	21.50	PASS
Band71	5MHz	QPSK	133147	12RB#0	21.50	PASS
Band71	5MHz	16QAM	133147	12RB#0	20.45	PASS
Band71	5MHz	QPSK	133147	12RB#6	21.46	PASS
Band71	5MHz	16QAM	133147	12RB#6	20.45	PASS
Band71	5MHz	QPSK	133147	12RB#13	21.54	PASS
Band71	5MHz	16QAM	133147	12RB#13	20.53	PASS
Band71	5MHz	QPSK	133147	25RB#0	21.53	PASS
Band71	5MHz	16QAM	133147	25RB#0	20.55	PASS
Band71	5MHz	QPSK	133297	1RB#0	22.43	PASS
Band71	5MHz	16QAM	133297	1RB#0	21.43	PASS
Band71	5MHz	QPSK	133297	1RB#12	22.56	PASS
Band71	5MHz	16QAM	133297	1RB#12	21.54	PASS
Band71	5MHz	QPSK	133297	1RB#24	22.42	PASS
Band71	5MHz	16QAM	133297	1RB#24	21.42	PASS
Band71	5MHz	QPSK	133297	12RB#0	21.47	PASS
Band71	5MHz	16QAM	133297	12RB#0	20.50	PASS
Band71	5MHz	QPSK	133297	12RB#6	21.44	PASS
Band71	5MHz	16QAM	133297	12RB#6	20.50	PASS
Band71	5MHz	QPSK	133297	12RB#13	21.47	PASS
Band71	5MHz	16QAM	133297	12RB#13	20.49	PASS
Band71	5MHz	QPSK	133297	25RB#0	21.51	PASS
Band71	5MHz	16QAM	133297	25RB#0	20.53	PASS
Band71	5MHz	QPSK	133447	1RB#0	22.39	PASS
Band71	5MHz	16QAM	133447	1RB#0	21.61	PASS
Band71	5MHz	QPSK	133447	1RB#12	22.52	PASS
Band71	5MHz	16QAM	133447	1RB#12	21.70	PASS
Band71	5MHz	QPSK	133447	1RB#24	22.48	PASS
Band71	5MHz	16QAM	133447	1RB#24	21.65	PASS
Band71	5MHz	QPSK	133447	12RB#0	21.47	PASS

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Band71	5MHz	16QAM	133447	12RB#0	20.49	PASS
Band71	5MHz	QPSK	133447	12RB#6	21.46	PASS
Band71	5MHz	16QAM	133447	12RB#6	20.46	PASS
Band71	5MHz	QPSK	133447	12RB#13	21.45	PASS
Band71	5MHz	16QAM	133447	12RB#13	20.48	PASS
Band71	5MHz	QPSK	133447	25RB#0	21.47	PASS
Band71	5MHz	16QAM	133447	25RB#0	20.45	PASS
Band71	10MHz	QPSK	133172	1RB#0	22.99	PASS
Band71	10MHz	16QAM	133172	1RB#0	21.89	PASS
Band71	10MHz	QPSK	133172	1RB#24	22.60	PASS
Band71	10MHz	16QAM	133172	1RB#24	21.78	PASS
Band71	10MHz	QPSK	133172	1RB#49	22.49	PASS
Band71	10MHz	16QAM	133172	1RB#49	21.66	PASS
Band71	10MHz	QPSK	133172	25RB#0	21.45	PASS
Band71	10MHz	16QAM	133172	25RB#0	20.51	PASS
Band71	10MHz	QPSK	133172	25RB#12	21.49	PASS
Band71	10MHz	16QAM	133172	25RB#12	20.47	PASS
Band71	10MHz	QPSK	133172	25RB#25	21.62	PASS
Band71	10MHz	16QAM	133172	25RB#25	20.64	PASS
Band71	10MHz	QPSK	133172	50RB#0	21.54	PASS
Band71	10MHz	16QAM	133172	50RB#0	20.57	PASS
Band71	10MHz	QPSK	133297	1RB#0	22.42	PASS
Band71	10MHz	16QAM	133297	1RB#0	21.60	PASS
Band71	10MHz	QPSK	133297	1RB#24	22.53	PASS
Band71	10MHz	16QAM	133297	1RB#24	21.75	PASS
Band71	10MHz	QPSK	133297	1RB#49	22.37	PASS
Band71	10MHz	16QAM	133297	1RB#49	21.57	PASS
Band71	10MHz	QPSK	133297	25RB#0	21.59	PASS
Band71	10MHz	16QAM	133297	25RB#0	20.58	PASS
Band71	10MHz	QPSK	133297	25RB#12	21.55	PASS
Band71	10MHz	16QAM	133297	25RB#12	20.57	PASS
Band71	10MHz	QPSK	133297	25RB#25	21.53	PASS
Band71	10MHz	16QAM	133297	25RB#25	20.58	PASS
Band71	10MHz	QPSK	133297	50RB#0	21.56	PASS
Band71	10MHz	16QAM	133297	50RB#0	20.56	PASS
Band71	10MHz	QPSK	133422	1RB#0	22.40	PASS
Band71	10MHz	16QAM	133422	1RB#0	21.58	PASS
Band71	10MHz	QPSK	133422	1RB#24	22.57	PASS
Band71	10MHz	16QAM	133422	1RB#24	21.69	PASS
Band71	10MHz	QPSK	133422	1RB#49	22.44	PASS
Band71	10MHz	16QAM	133422	1RB#49	21.61	PASS
Band71	10MHz	QPSK	133422	25RB#0	21.54	PASS

Band71	10MHz	16QAM	133422	25RB#0	20.55	PASS
Band71	10MHz	QPSK	133422	25RB#12	21.53	PASS
Band71	10MHz	16QAM	133422	25RB#12	20.56	PASS
Band71	10MHz	QPSK	133422	25RB#25	21.48	PASS
Band71	10MHz	16QAM	133422	25RB#25	20.52	PASS
Band71	10MHz	QPSK	133422	50RB#0	21.45	PASS
Band71	10MHz	16QAM	133422	50RB#0	20.51	PASS
Band71	15MHz	QPSK	133197	1RB#0	22.97	PASS
Band71	15MHz	16QAM	133197	1RB#0	22.10	PASS
Band71	15MHz	QPSK	133197	1RB#38	22.77	PASS
Band71	15MHz	16QAM	133197	1RB#38	21.72	PASS
Band71	15MHz	QPSK	133197	1RB#74	22.39	PASS
Band71	15MHz	16QAM	133197	1RB#74	21.58	PASS
Band71	15MHz	QPSK	133197	38RB#0	21.66	PASS
Band71	15MHz	16QAM	133197	38RB#0	21.62	PASS
Band71	15MHz	QPSK	133197	38RB#18	21.68	PASS
Band71	15MHz	16QAM	133197	38RB#18	21.69	PASS
Band71	15MHz	QPSK	133197	38RB#37	21.58	PASS
Band71	15MHz	16QAM	133197	38RB#37	21.55	PASS
Band71	15MHz	QPSK	133197	75RB#0	21.51	PASS
Band71	15MHz	16QAM	133197	75RB#0	20.51	PASS
Band71	15MHz	QPSK	133297	1RB#0	22.45	PASS
Band71	15MHz	16QAM	133297	1RB#0	21.56	PASS
Band71	15MHz	QPSK	133297	1RB#38	22.49	PASS
Band71	15MHz	16QAM	133297	1RB#38	21.65	PASS
Band71	15MHz	QPSK	133297	1RB#74	22.29	PASS
Band71	15MHz	16QAM	133297	1RB#74	21.51	PASS
Band71	15MHz	QPSK	133297	38RB#0	21.60	PASS
Band71	15MHz	16QAM	133297	38RB#0	21.54	PASS
Band71	15MHz	QPSK	133297	38RB#18	21.66	PASS
Band71	15MHz	16QAM	133297	38RB#18	21.67	PASS
Band71	15MHz	QPSK	133297	38RB#37	21.51	PASS
Band71	15MHz	16QAM	133297	38RB#37	21.49	PASS
Band71	15MHz	QPSK	133297	75RB#0	21.59	PASS
Band71	15MHz	16QAM	133297	75RB#0	20.58	PASS
Band71	15MHz	QPSK	133397	1RB#0	22.38	PASS
Band71	15MHz	16QAM	133397	1RB#0	21.63	PASS
Band71	15MHz	QPSK	133397	1RB#38	22.47	PASS
Band71	15MHz	16QAM	133397	1RB#38	21.77	PASS
Band71	15MHz	QPSK	133397	1RB#74	22.32	PASS
Band71	15MHz	16QAM	133397	1RB#74	21.62	PASS
Band71	15MHz	QPSK	133397	38RB#0	21.61	PASS

Band71	15MHz	16QAM	133397	38RB#0	21.62	PASS
Band71	15MHz	QPSK	133397	38RB#18	21.72	PASS
Band71	15MHz	16QAM	133397	38RB#18	21.71	PASS
Band71	15MHz	QPSK	133397	38RB#37	21.63	PASS
Band71	15MHz	16QAM	133397	38RB#37	21.62	PASS
Band71	15MHz	QPSK	133397	75RB#0	21.47	PASS
Band71	15MHz	16QAM	133397	75RB#0	20.49	PASS
Band71	20MHz	QPSK	133222	1RB#0	23.01	PASS
Band71	20MHz	16QAM	133222	1RB#0	21.68	PASS
Band71	20MHz	QPSK	133222	1RB#49	22.70	PASS
Band71	20MHz	16QAM	133222	1RB#49	21.64	PASS
Band71	20MHz	QPSK	133222	1RB#99	22.36	PASS
Band71	20MHz	16QAM	133222	1RB#99	21.33	PASS
Band71	20MHz	QPSK	133222	50RB#0	21.40	PASS
Band71	20MHz	16QAM	133222	50RB#0	20.44	PASS
Band71	20MHz	QPSK	133222	50RB#25	21.44	PASS
Band71	20MHz	16QAM	133222	50RB#25	20.40	PASS
Band71	20MHz	QPSK	133222	50RB#50	21.48	PASS
Band71	20MHz	16QAM	133222	50RB#50	20.49	PASS
Band71	20MHz	QPSK	133222	100RB#0	21.41	PASS
Band71	20MHz	16QAM	133222	100RB#0	20.40	PASS
Band71	20MHz	QPSK	133322	1RB#0	22.31	PASS
Band71	20MHz	16QAM	133322	1RB#0	21.33	PASS
Band71	20MHz	QPSK	133322	1RB#49	22.61	PASS
Band71	20MHz	16QAM	133322	1RB#49	21.61	PASS
Band71	20MHz	QPSK	133322	1RB#99	22.25	PASS
Band71	20MHz	16QAM	133322	1RB#99	21.25	PASS
Band71	20MHz	QPSK	133322	50RB#0	21.54	PASS
Band71	20MHz	16QAM	133322	50RB#0	20.57	PASS
Band71	20MHz	QPSK	133322	50RB#25	21.57	PASS
Band71	20MHz	16QAM	133322	50RB#25	20.56	PASS
Band71	20MHz	QPSK	133322	50RB#50	21.57	PASS
Band71	20MHz	16QAM	133322	50RB#50	20.55	PASS
Band71	20MHz	QPSK	133322	100RB#0	21.48	PASS
Band71	20MHz	16QAM	133322	100RB#0	20.55	PASS
Band71	20MHz	QPSK	133372	1RB#0	22.31	PASS
Band71	20MHz	16QAM	133372	1RB#0	21.41	PASS
Band71	20MHz	QPSK	133372	1RB#49	22.55	PASS
Band71	20MHz	16QAM	133372	1RB#49	21.68	PASS
Band71	20MHz	QPSK	133372	1RB#99	22.22	PASS
Band71	20MHz	16QAM	133372	1RB#99	21.43	PASS
Band71	20MHz	QPSK	133372	50RB#0	21.31	PASS

Band71	20MHz	16QAM	133372	50RB#0	20.40	PASS
Band71	20MHz	QPSK	133372	50RB#25	21.37	PASS
Band71	20MHz	16QAM	133372	50RB#25	20.38	PASS
Band71	20MHz	QPSK	133372	50RB#50	21.42	PASS
Band71	20MHz	16QAM	133372	50RB#50	20.46	PASS
Band71	20MHz	QPSK	133372	100RB#0	21.35	PASS
Band71	20MHz	16QAM	133372	100RB#0	20.40	PASS

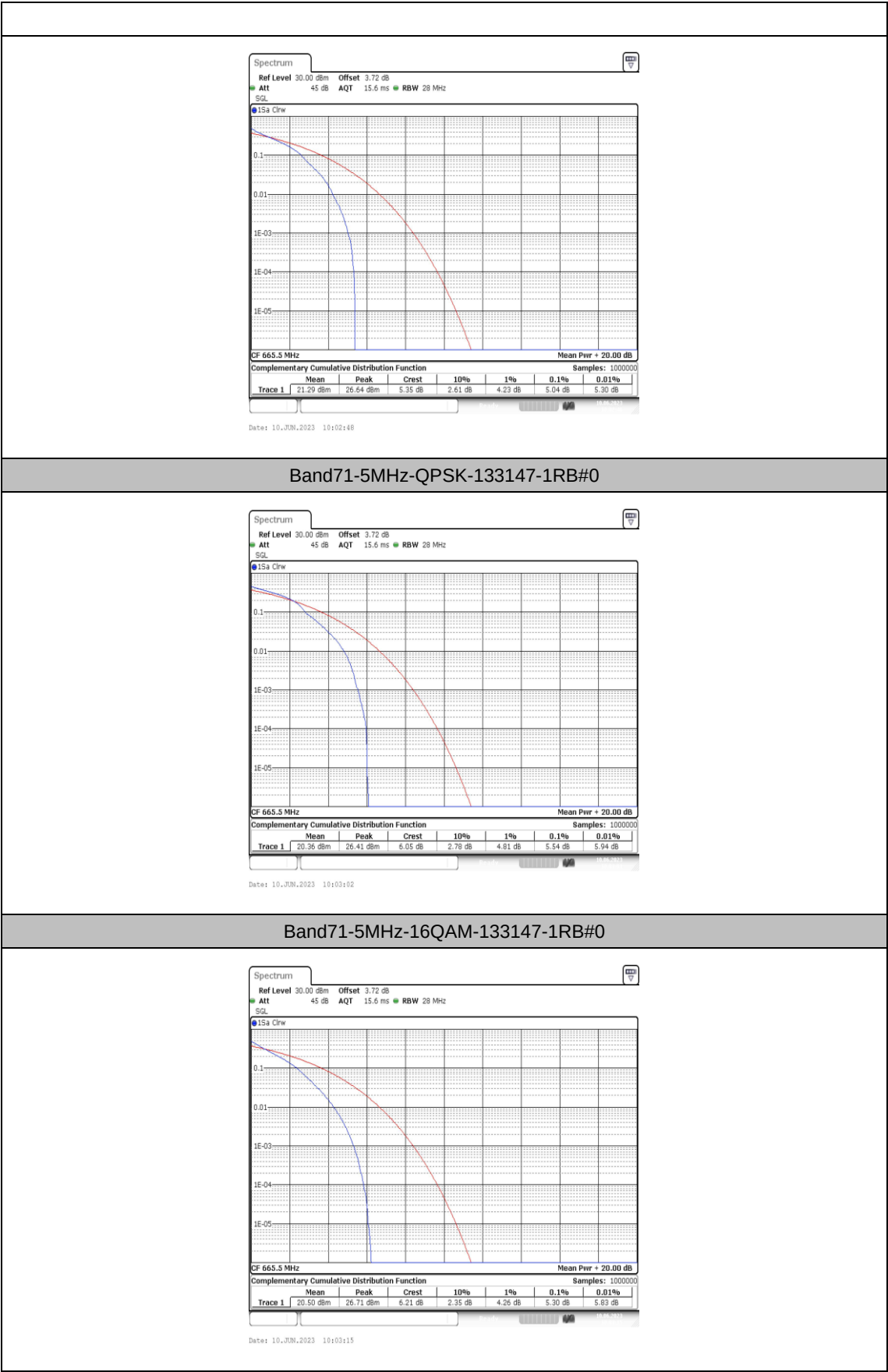
Appendix B: Peak-to-Average Ratio(CCDF)

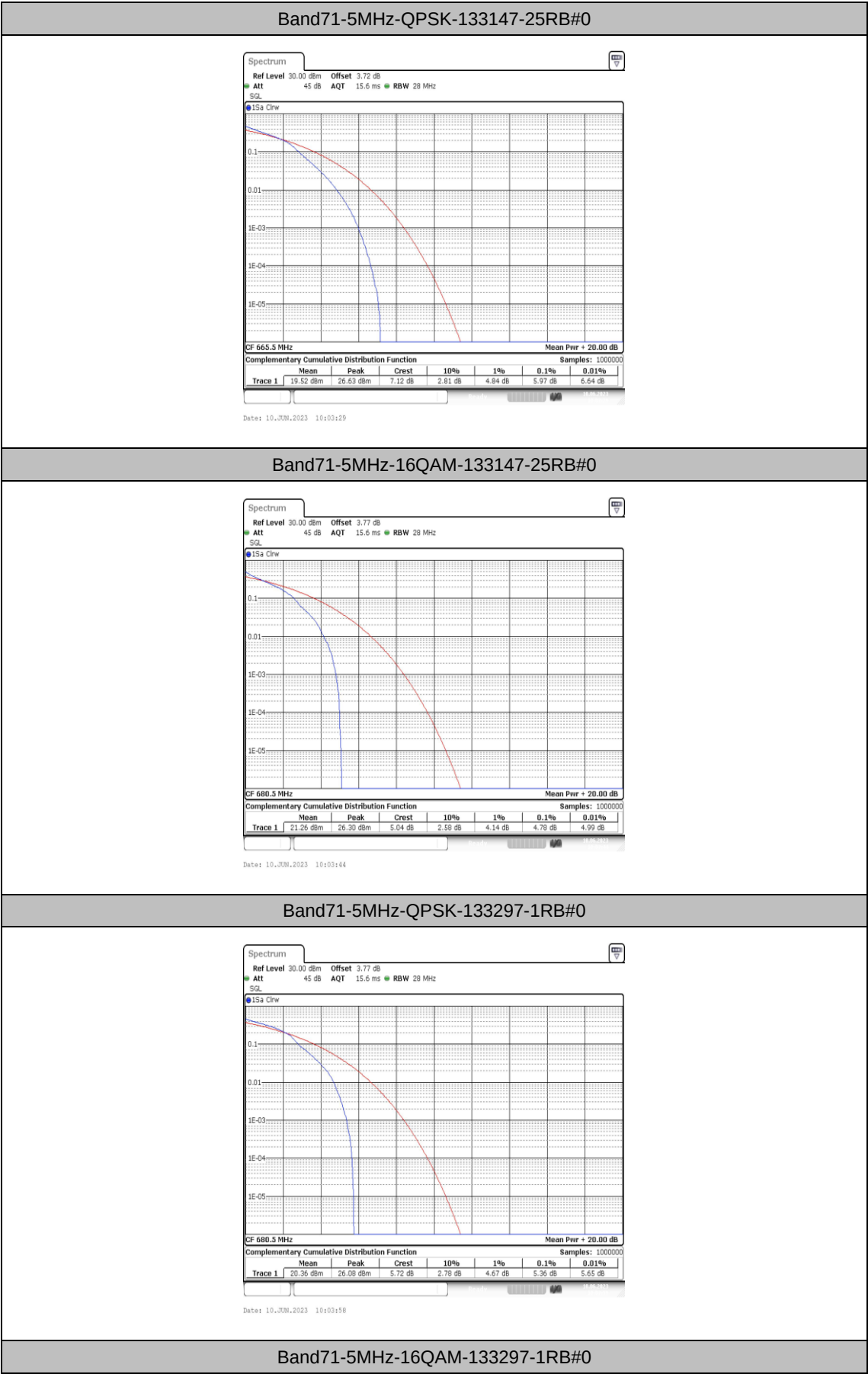
Test Result

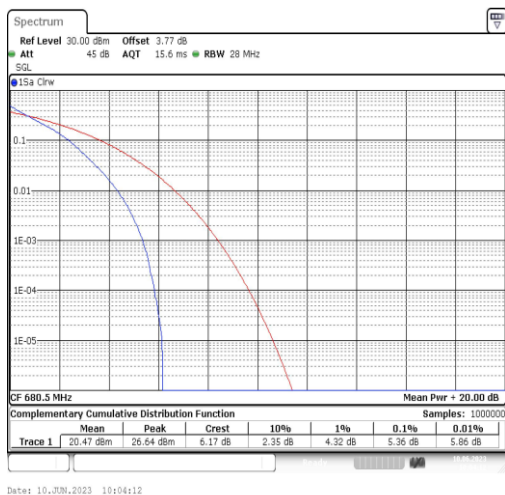
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	5.04	13	PASS
Band71	5MHz	16QAM	133147	1RB#0	5.54	13	PASS
Band71	5MHz	QPSK	133147	25RB#0	5.30	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	5.97	13	PASS
Band71	5MHz	QPSK	133297	1RB#0	4.78	13	PASS
Band71	5MHz	16QAM	133297	1RB#0	5.36	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	5.36	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	6.03	13	PASS
Band71	5MHz	QPSK	133447	1RB#0	4.96	13	PASS
Band71	5MHz	16QAM	133447	1RB#0	5.51	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.28	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	6.00	13	PASS
Band71	10MHz	QPSK	133172	1RB#0	4.81	13	PASS
Band71	10MHz	16QAM	133172	1RB#0	5.65	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	5.25	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	6.00	13	PASS
Band71	10MHz	QPSK	133297	1RB#0	4.43	13	PASS
Band71	10MHz	16QAM	133297	1RB#0	5.28	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	5.30	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	6.03	13	PASS
Band71	10MHz	QPSK	133422	1RB#0	5.01	13	PASS
Band71	10MHz	16QAM	133422	1RB#0	5.57	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	5.28	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	6.06	13	PASS
Band71	15MHz	QPSK	133197	1RB#0	4.75	13	PASS
Band71	15MHz	16QAM	133197	1RB#0	5.62	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.39	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	5.97	13	PASS
Band71	15MHz	QPSK	133297	1RB#0	4.46	13	PASS
Band71	15MHz	16QAM	133297	1RB#0	5.28	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	5.57	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	6.12	13	PASS
Band71	15MHz	QPSK	133397	1RB#0	5.16	13	PASS
Band71	15MHz	16QAM	133397	1RB#0	5.80	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	5.54	13	PASS

Band71	15MHz	16QAM	133397	75RB#0	6.06	13	PASS
Band71	20MHz	QPSK	133222	1RB#0	4.81	13	PASS
Band71	20MHz	16QAM	133222	1RB#0	5.33	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.22	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.00	13	PASS
Band71	20MHz	QPSK	133322	1RB#0	4.49	13	PASS
Band71	20MHz	16QAM	133322	1RB#0	5.16	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.30	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.06	13	PASS
Band71	20MHz	QPSK	133372	1RB#0	4.84	13	PASS
Band71	20MHz	16QAM	133372	1RB#0	5.77	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.28	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.00	13	PASS

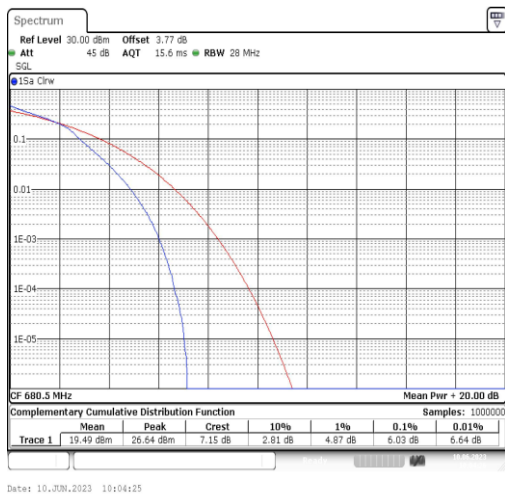
Test Graphs



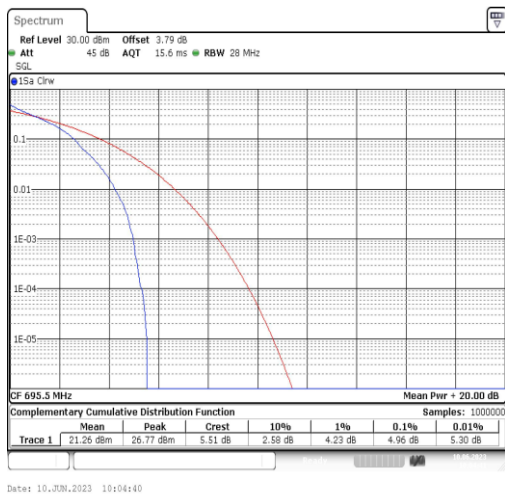




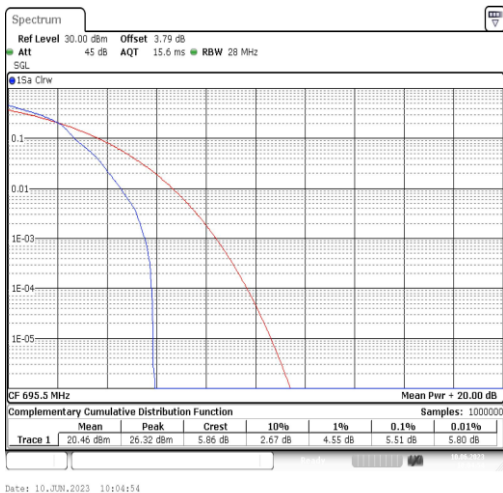
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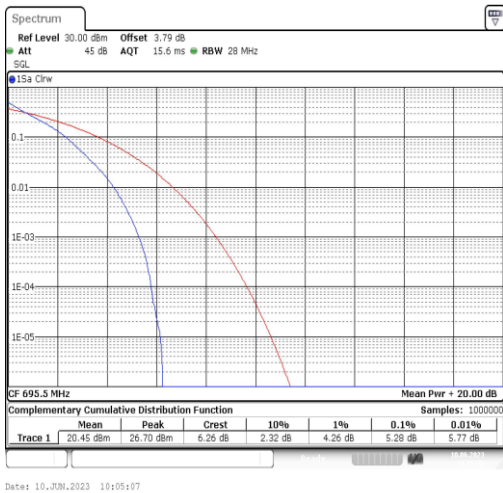
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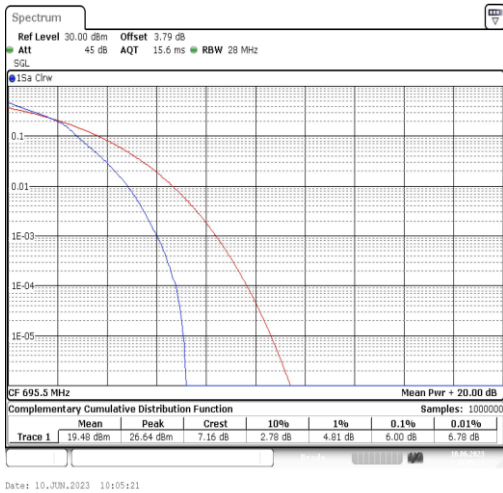
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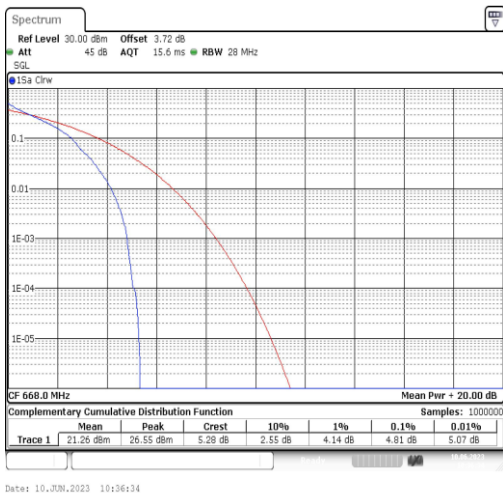
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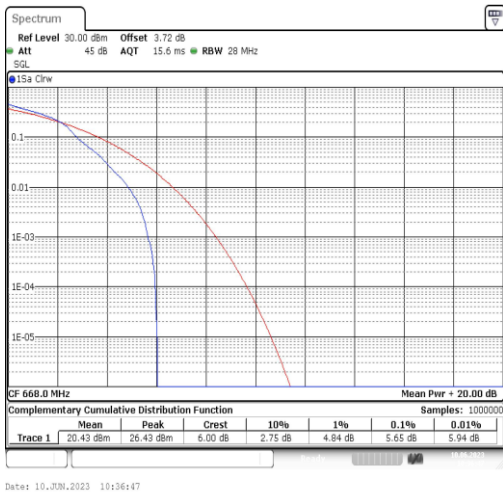
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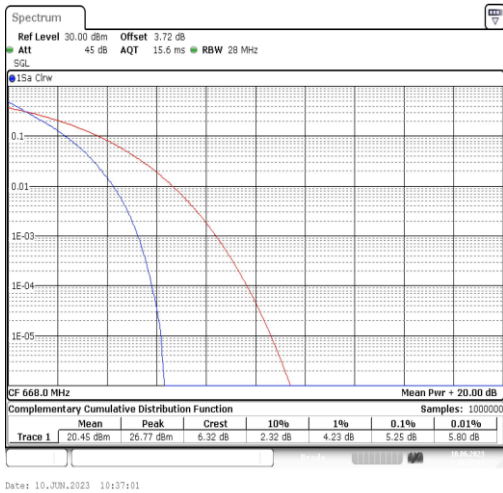
Band71-5MHz-16QAM-133447-25RB#0



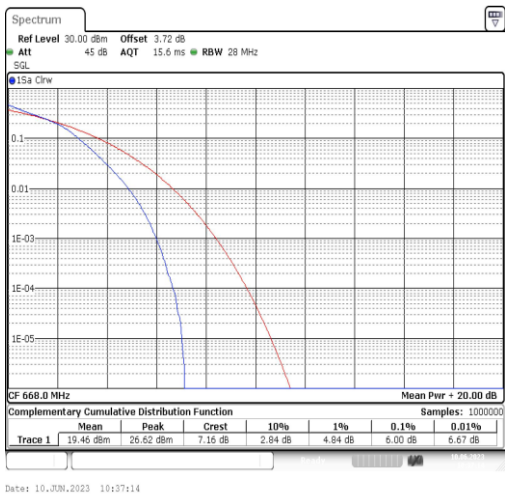
Band71-10MHz-QPSK-133172-1RB#0



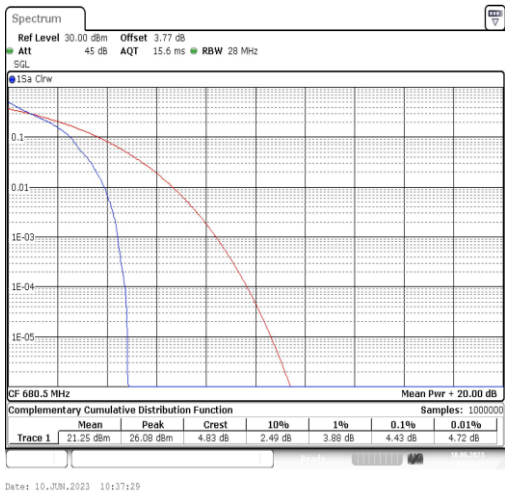
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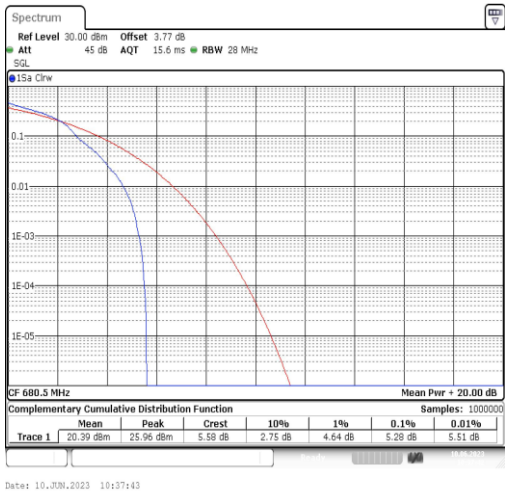
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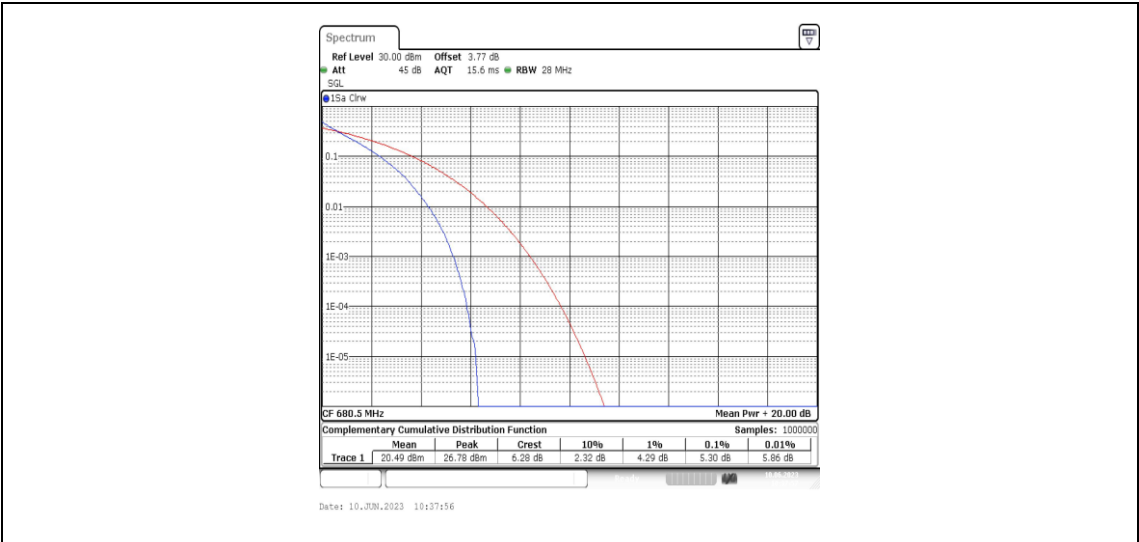
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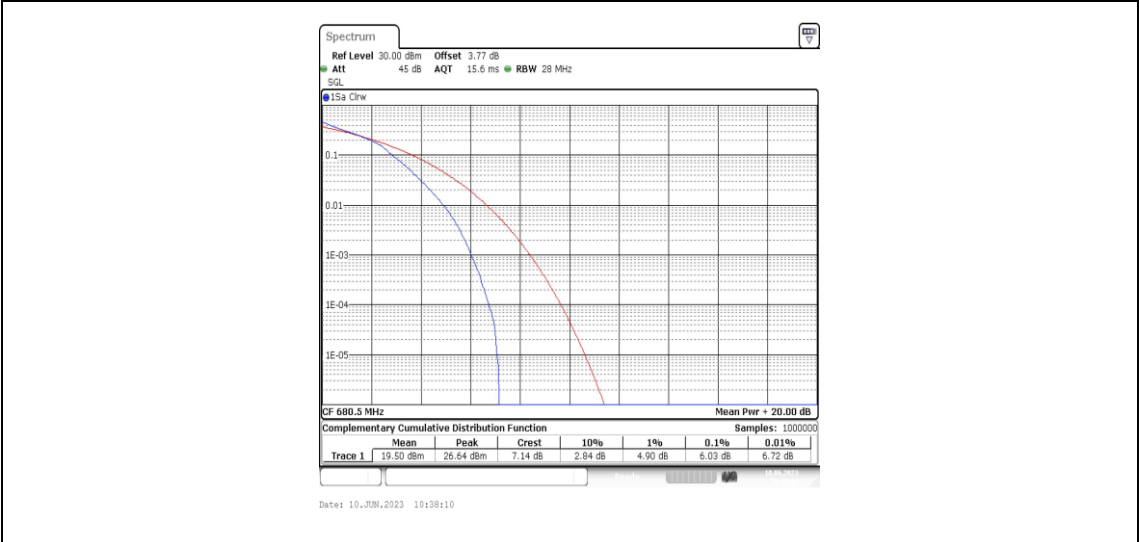
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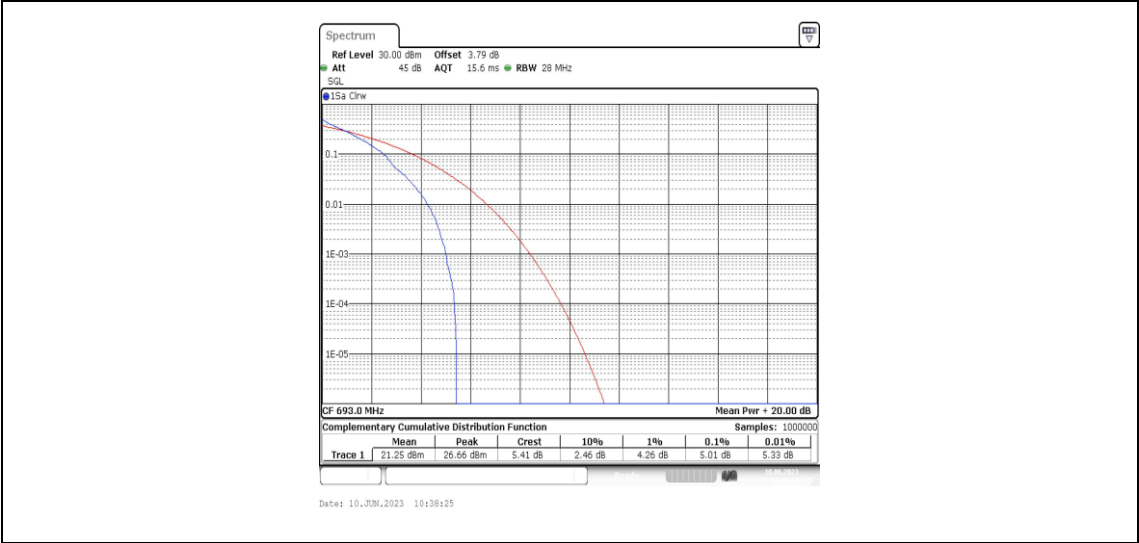
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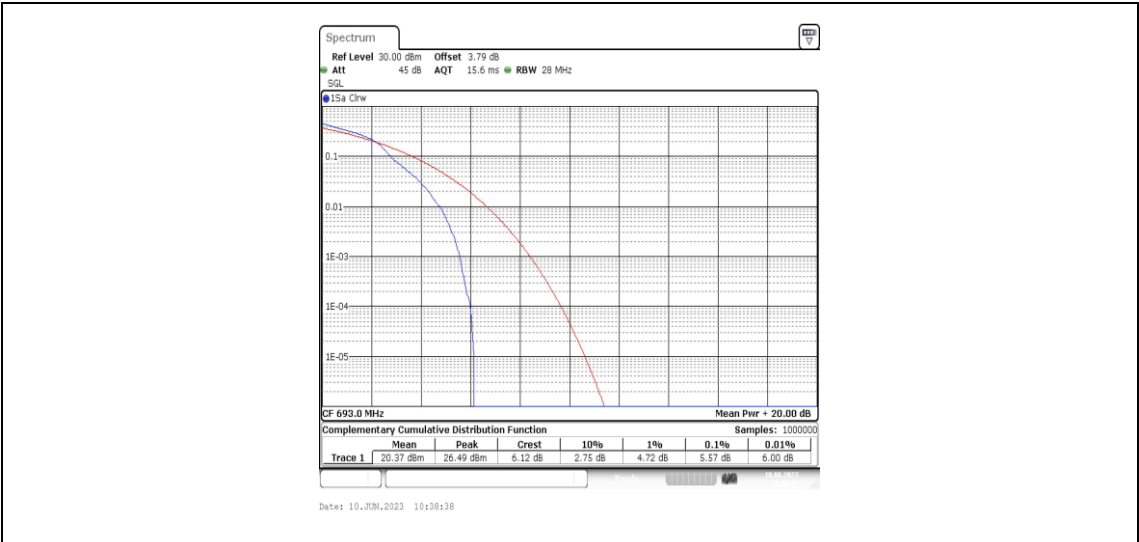
Band71-10MHz-QPSK-133297-50RB#0



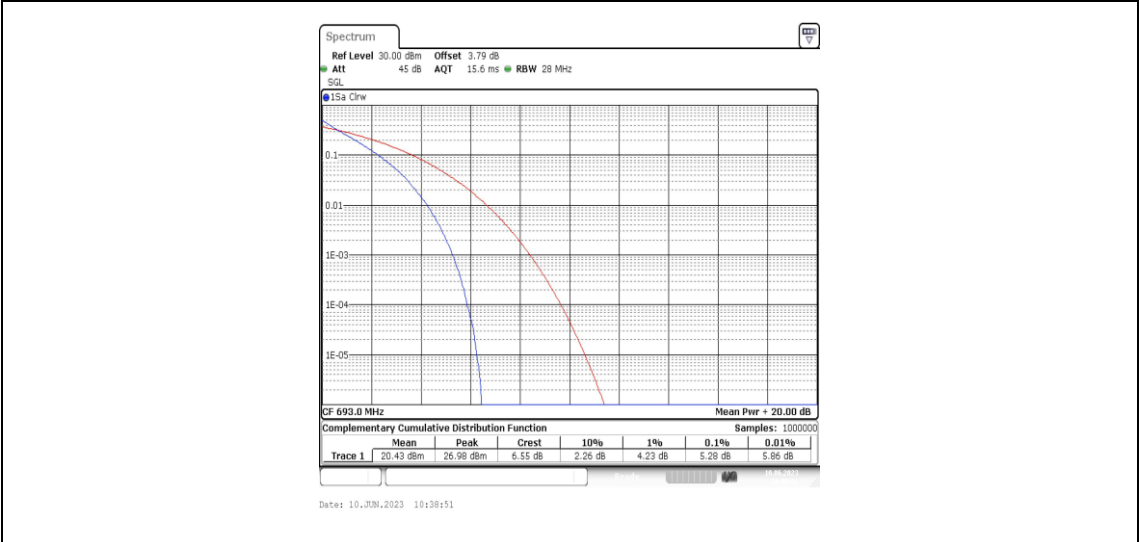
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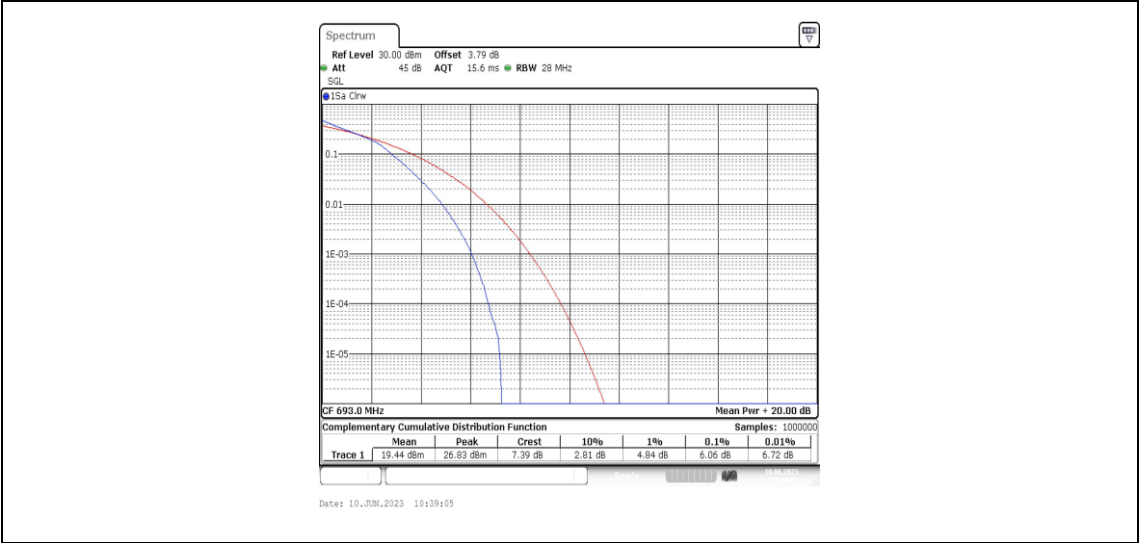
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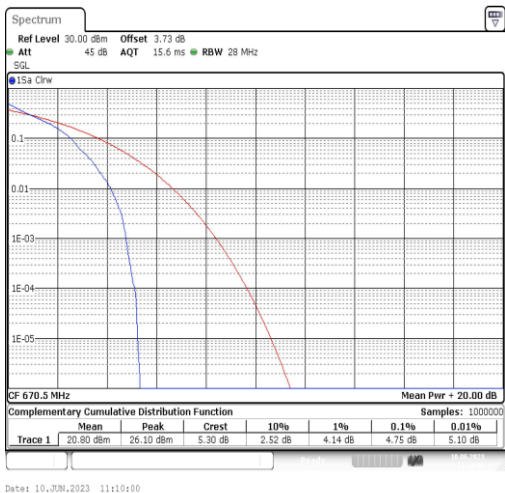
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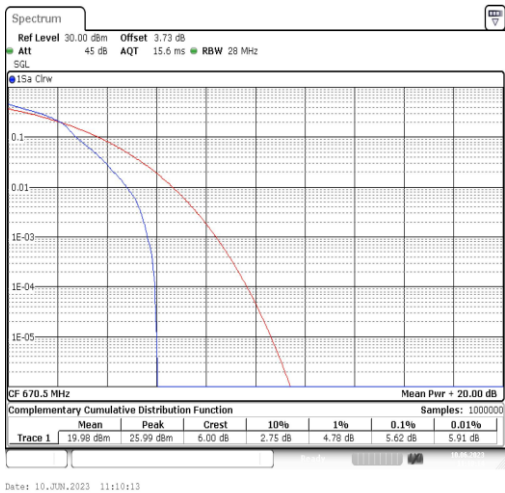
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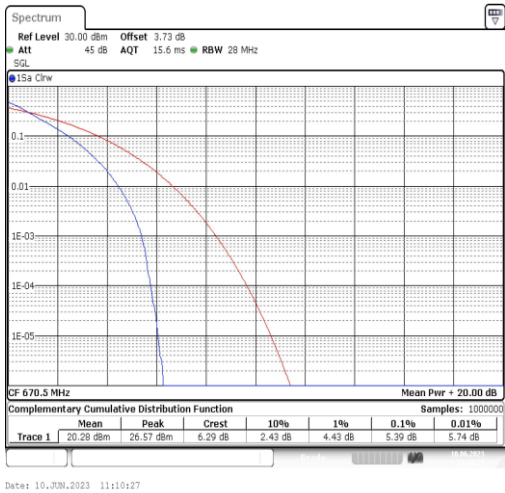
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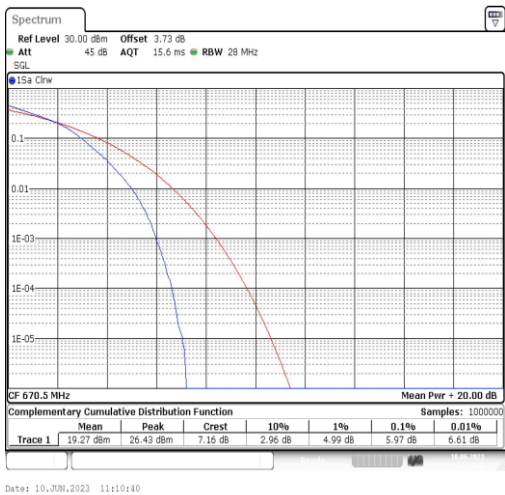
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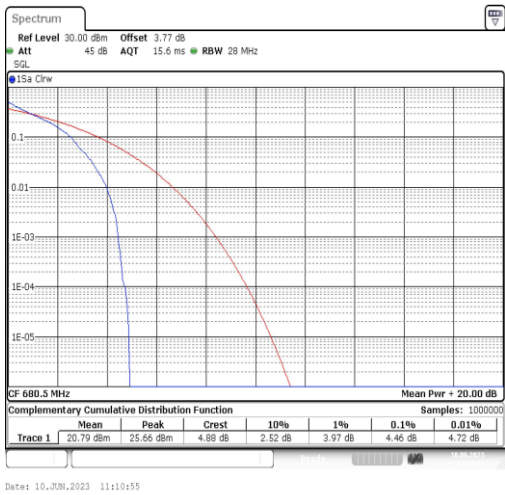
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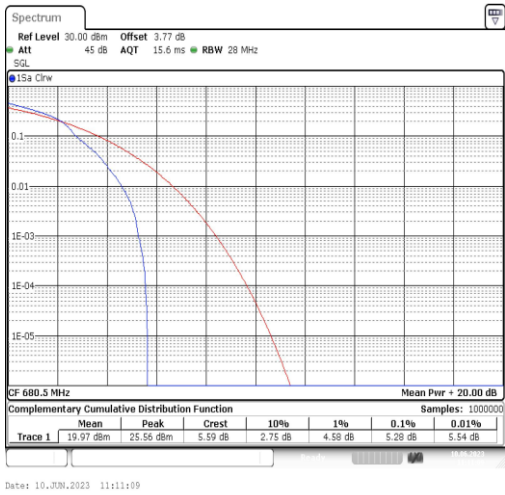
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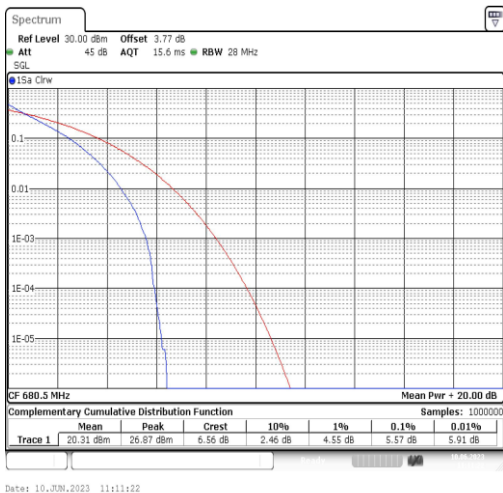
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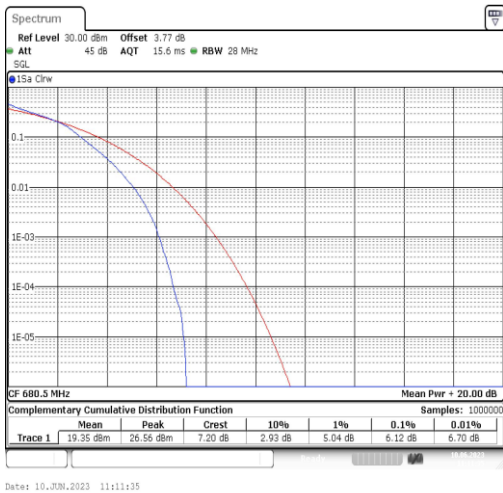
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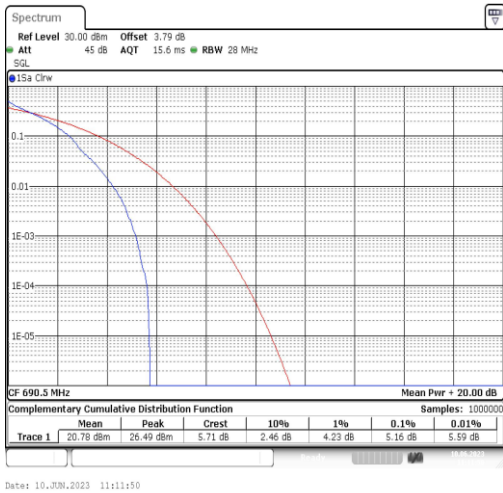
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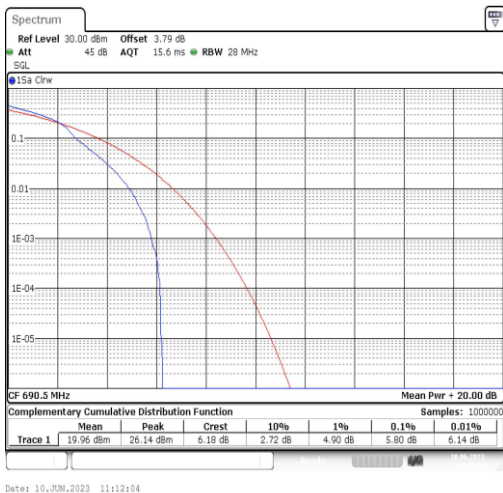
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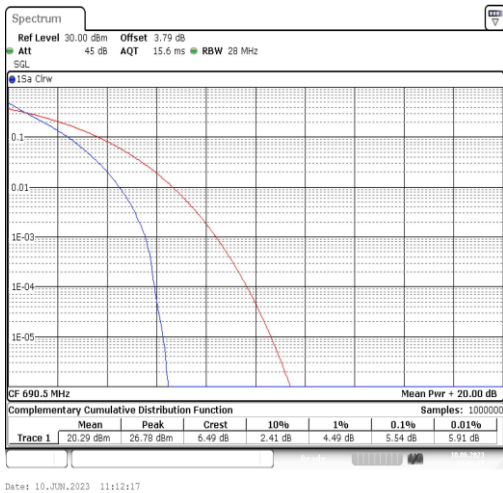
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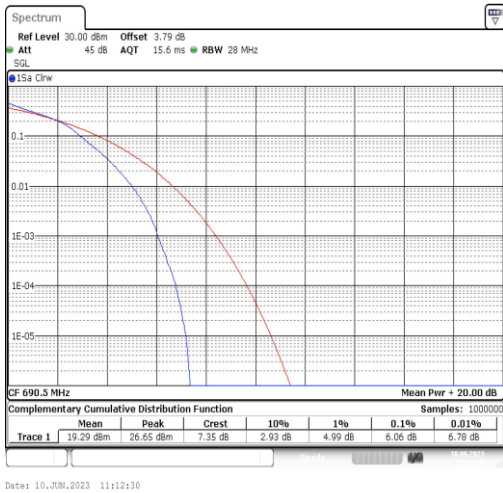
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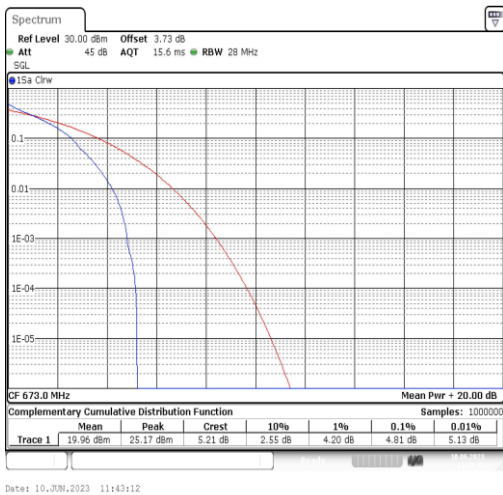
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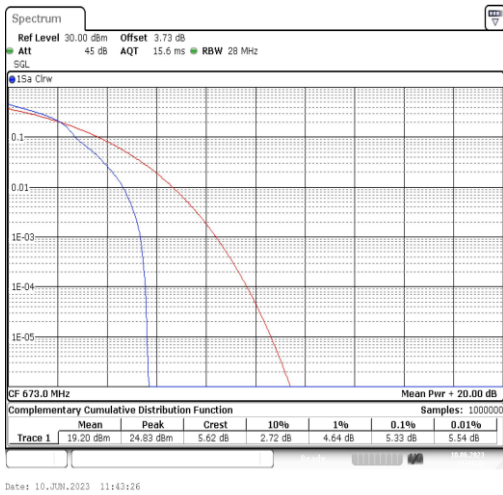
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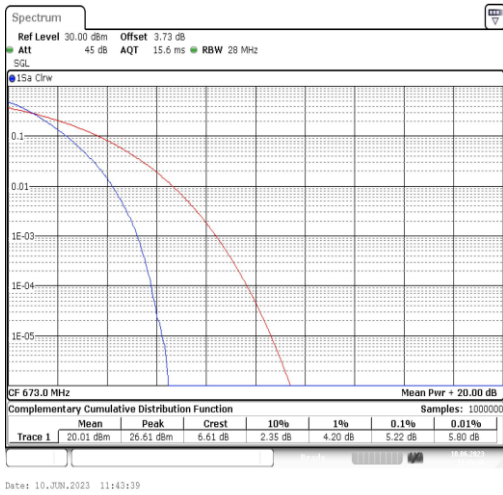
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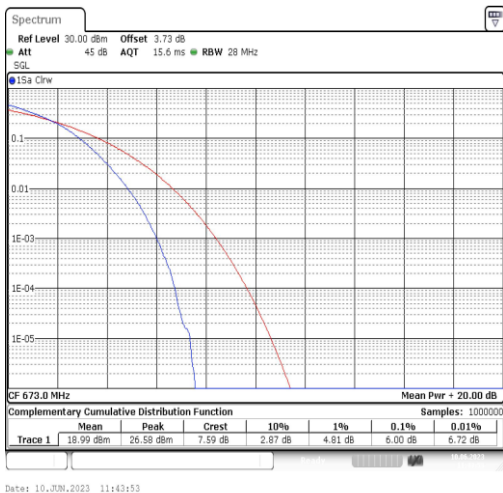
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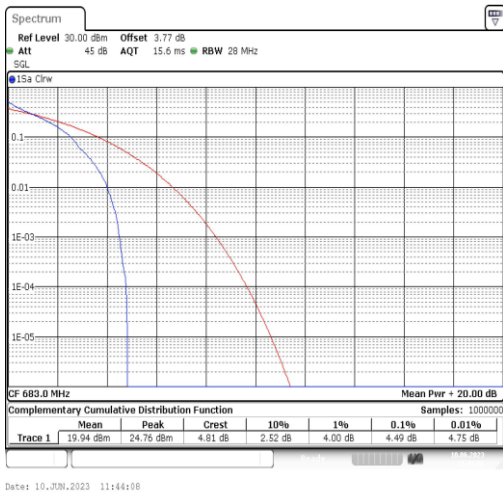
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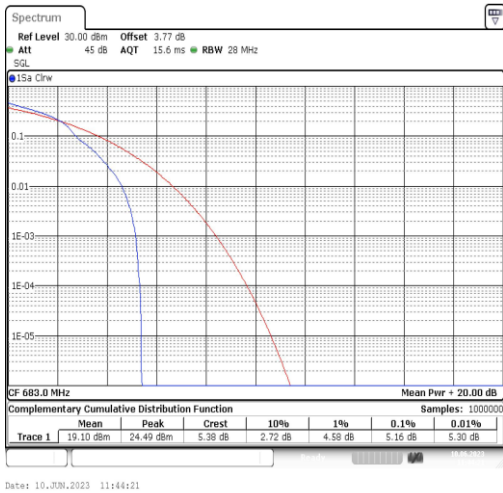
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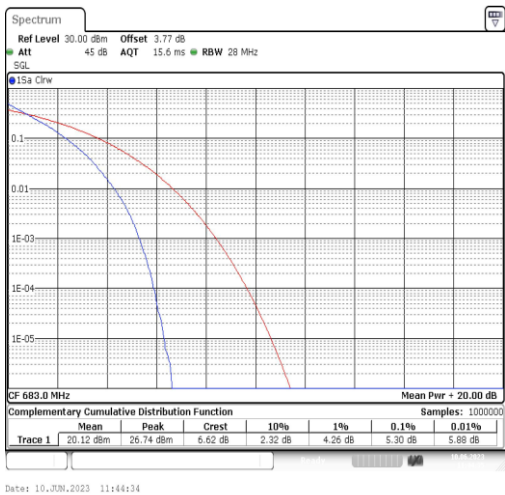
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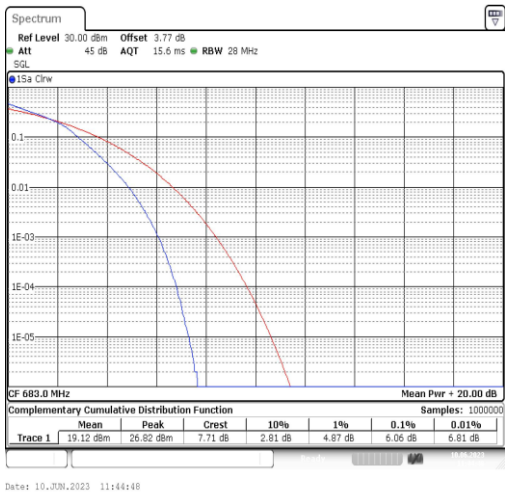
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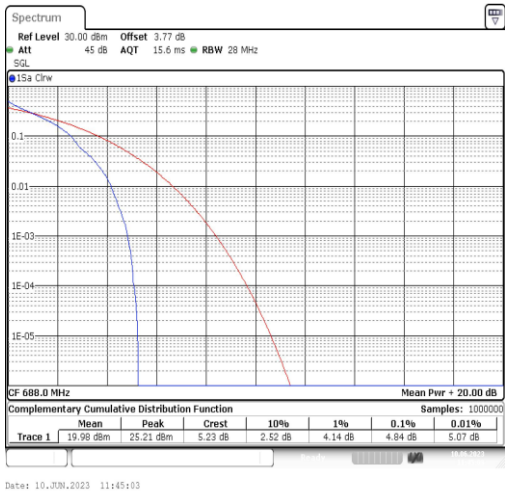
Band71-20MHz-16QAM-133322-1RB#0



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



Band71-20MHz-16QAM-133322-100RB#0



Band71-20MHz-QPSK-133372-1RB#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	4.496	4.80	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.505	4.79	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.496	4.80	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.505	4.80	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.496	4.79	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.496	4.79	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.952	9.53	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.985	9.53	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.985	9.57	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.985	9.53	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.985	9.53	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.985	9.53	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.478	14.30	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.428	14.30	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.478	14.30	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.478	14.30	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.478	14.30	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.478	14.30	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.97	19.33	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.97	19.33	PASS
Band71	20MHz	QPSK	133322	100RB#0	18.103	19.33	PASS
Band71	20MHz	16QAM	133322	100RB#0	18.103	19.33	PASS
Band71	20MHz	QPSK	133372	100RB#0	18.037	19.33	PASS
Band71	20MHz	16QAM	133372	100RB#0	18.037	19.33	PASS

Test Graphs

