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# Appendix B.9

## LTE Band 17

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## Effective (Isotropic) Radiated Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.95	21.6	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.84	21.49	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.78	21.43	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.85	20.5	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.89	21.54	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	24.14	21.79	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.74	21.39	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.90	20.55	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.97	21.62	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.85	21.5	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.71	21.36	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.97	20.62	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	23.08	20.73	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	23.02	20.67	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.96	20.61	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.90	19.55	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.94	20.59	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	23.01	20.66	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.97	20.62	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.85	19.5	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#0	23.06	20.71	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.87	20.52	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.83	20.48	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.89	19.54	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#0	22.06	19.71	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#12	21.94	19.59	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#24	21.86	19.51	34.77	PASS
Band17	5MHz	64QAM	23755	25RB#0	20.93	18.58	34.77	PASS

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Band17	5MHz	64QAM	23790	1RB#0	21.88	19.53	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#12	22.08	19.73	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#24	21.95	19.6	34.77	PASS
Band17	5MHz	64QAM	23790	25RB#0	20.83	18.48	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#0	22.10	19.75	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#12	21.86	19.51	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#24	21.96	19.61	34.77	PASS
Band17	5MHz	64QAM	23825	25RB#0	20.88	18.53	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#0	18.77	16.42	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#12	19.02	16.67	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#24	18.80	16.45	34.77	PASS
Band17	5MHz	256QAM	23755	25RB#0	18.90	16.55	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#0	18.97	16.62	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#12	18.87	16.52	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#24	18.94	16.59	34.77	PASS
Band17	5MHz	256QAM	23790	25RB#0	18.80	16.45	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#0	18.83	16.48	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#12	19.07	16.72	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#24	18.88	16.53	34.77	PASS
Band17	5MHz	256QAM	23825	25RB#0	18.91	16.56	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.96	21.61	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.86	21.51	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.64	21.29	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.92	20.57	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.87	21.52	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.90	21.55	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.74	21.39	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.85	20.5	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.79	21.44	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.84	21.49	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.71	21.36	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.84	20.49	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.89	20.54	34.77	PASS

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Band17	10MHz	16QAM	23780	1RB#24	23.05	20.7	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.83	20.48	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.90	19.55	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.93	20.58	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	23.07	20.72	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.96	20.61	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.84	19.49	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.95	20.6	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	23.11	20.76	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.95	20.6	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.80	19.45	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#0	22.23	19.88	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#24	21.96	19.61	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#49	21.85	19.5	34.77	PASS
Band17	10MHz	64QAM	23780	50RB#0	20.90	18.55	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#0	21.97	19.62	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#24	22.02	19.67	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#49	22.11	19.76	34.77	PASS
Band17	10MHz	64QAM	23790	50RB#0	20.89	18.54	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#0	21.90	19.55	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#24	21.97	19.62	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#49	21.90	19.55	34.77	PASS
Band17	10MHz	64QAM	23800	50RB#0	20.86	18.51	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#0	18.88	16.53	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#24	19.02	16.67	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#49	18.87	16.52	34.77	PASS
Band17	10MHz	256QAM	23780	50RB#0	18.95	16.6	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#0	18.88	16.53	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#24	19.02	16.67	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#49	18.91	16.56	34.77	PASS
Band17	10MHz	256QAM	23790	50RB#0	18.86	16.51	34.77	PASS
Band17	10MHz	256QAM	23800	1RB#0	19.00	16.65	34.77	PASS
Band17	10MHz	256QAM	23800	1RB#24	18.93	16.58	34.77	PASS

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Band17	10MHz	256QAM	23800	1RB#49	18.79	16.44	34.77	PASS
Band17	10MHz	256QAM	23800	50RB#0	18.83	16.48	34.77	PASS

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## Peak-to-Average Ratio(CCDF)

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	4.40	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	4.58	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	4.50	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.26	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.38	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.38	13	PASS
Band17	10MHz	64QAM	23780	50RB#0	6.08	13	PASS
Band17	10MHz	64QAM	23790	50RB#0	6.18	13	PASS
Band17	10MHz	64QAM	23800	50RB#0	6.20	13	PASS
Band17	10MHz	256QAM	23780	50RB#0	6.48	13	PASS
Band17	10MHz	256QAM	23790	50RB#0	6.56	13	PASS
Band17	10MHz	256QAM	23800	50RB#0	6.56	13	PASS

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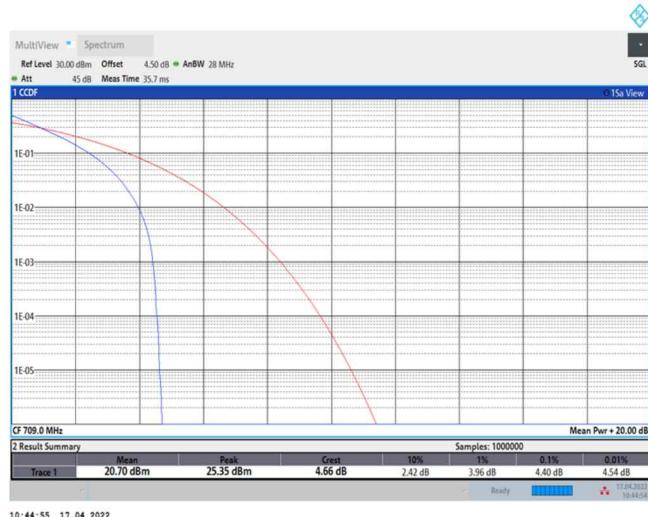
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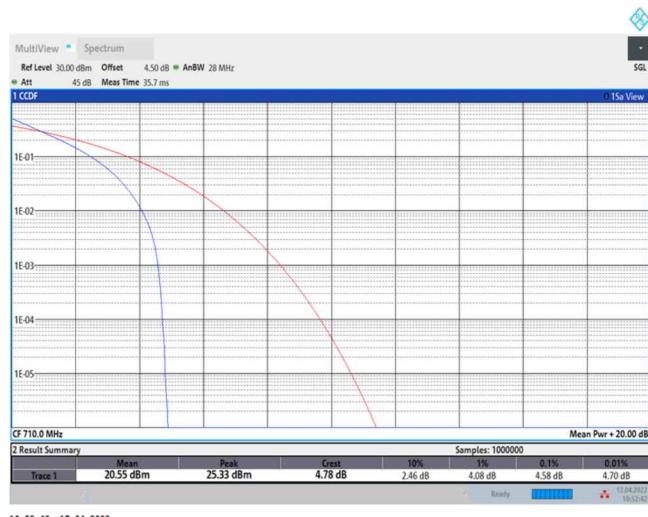
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## Test Graphs

### Band17-10MHz-QPSK-23780-50RB#0



### Band17-10MHz-QPSK-23790-50RB#0



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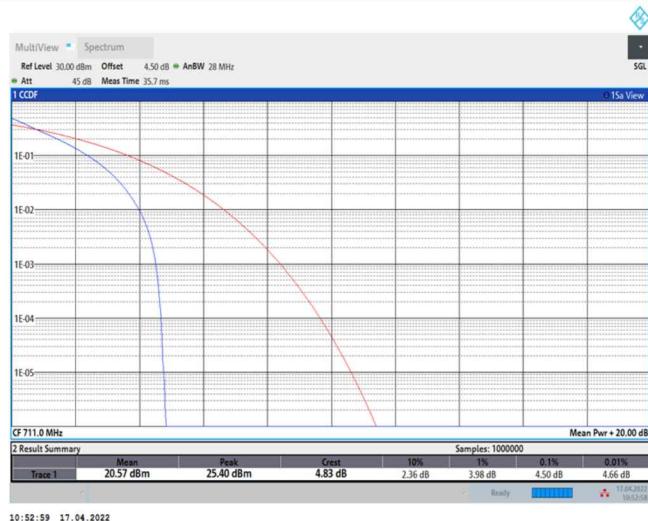
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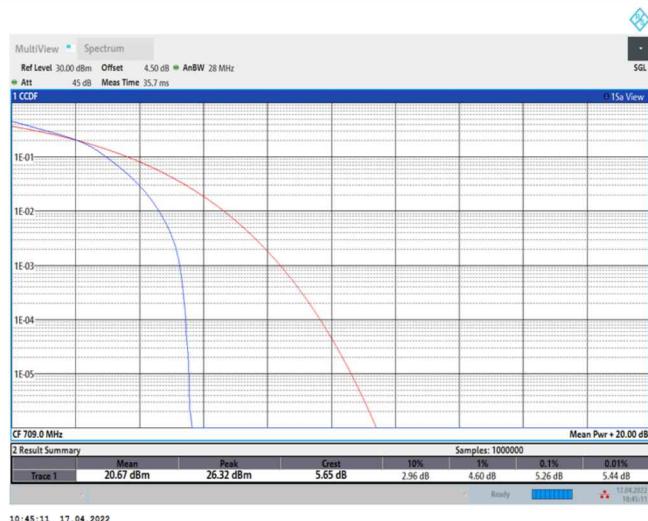
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### Band17-10MHz-QPSK-23800-50RB#0



### Band17-10MHz-16QAM-23780-50RB#0



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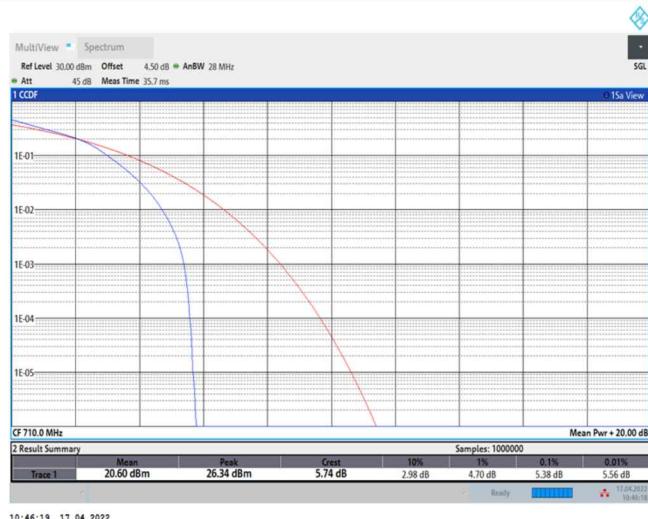
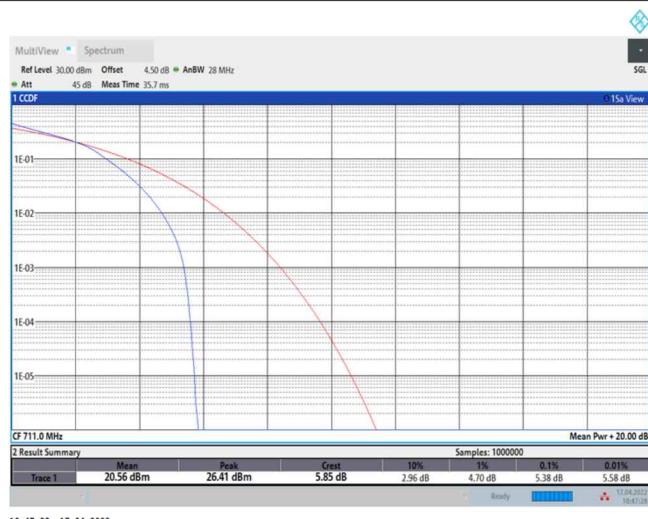


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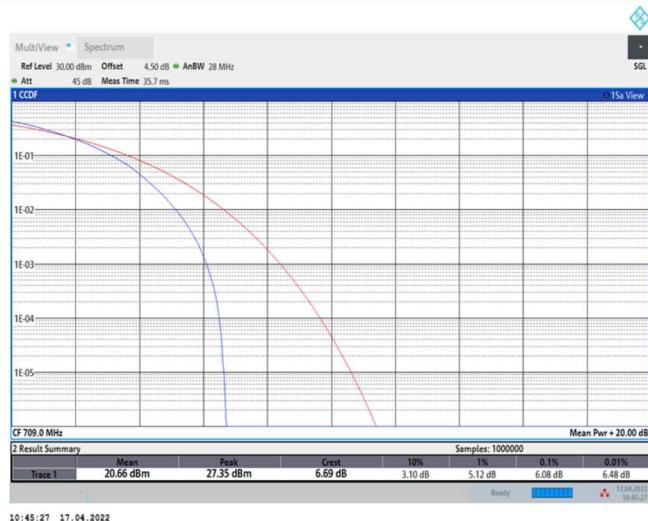
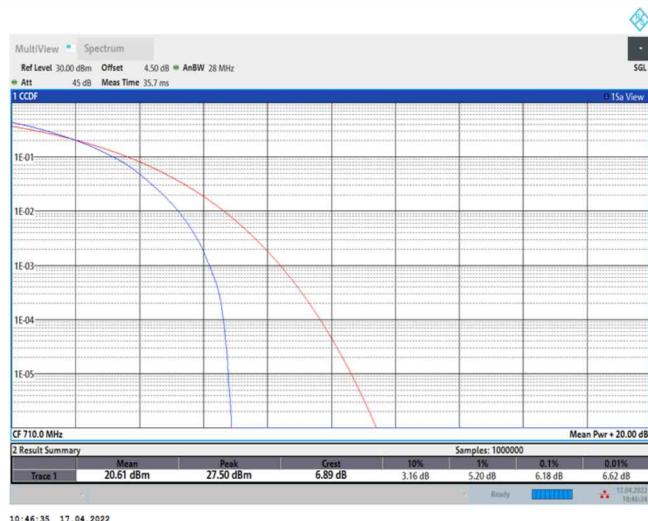


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**Band17-10MHz-64QAM-23780-50RB#0****Band17-10MHz-64QAM-23790-50RB#0**

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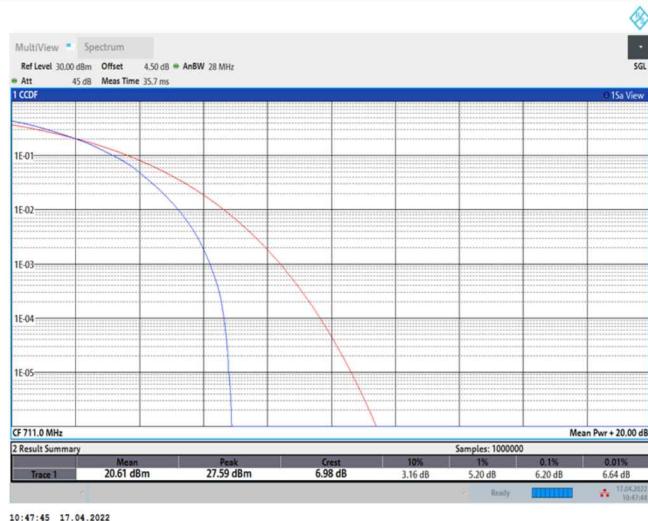
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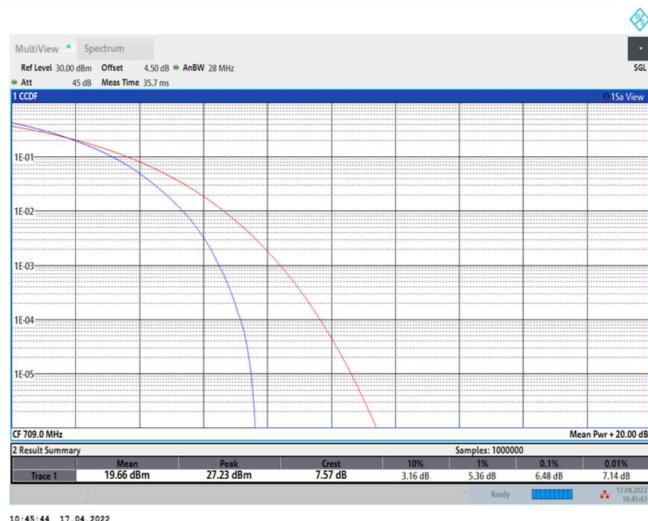
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### Band17-10MHz-64QAM-23800-50RB#0



### Band17-10MHz-256QAM-23780-50RB#0



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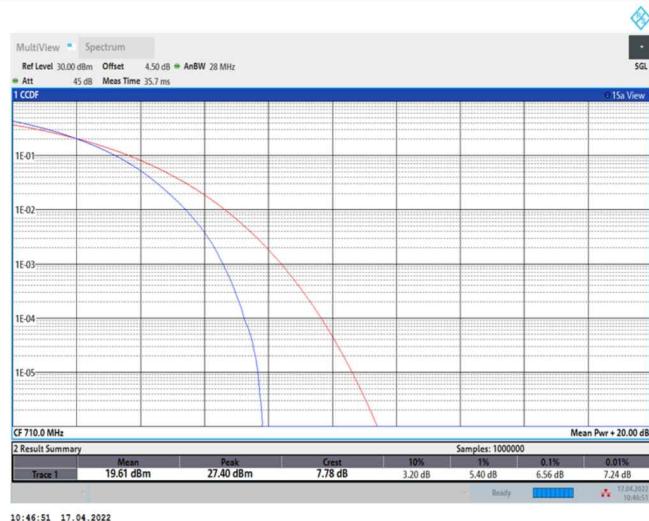
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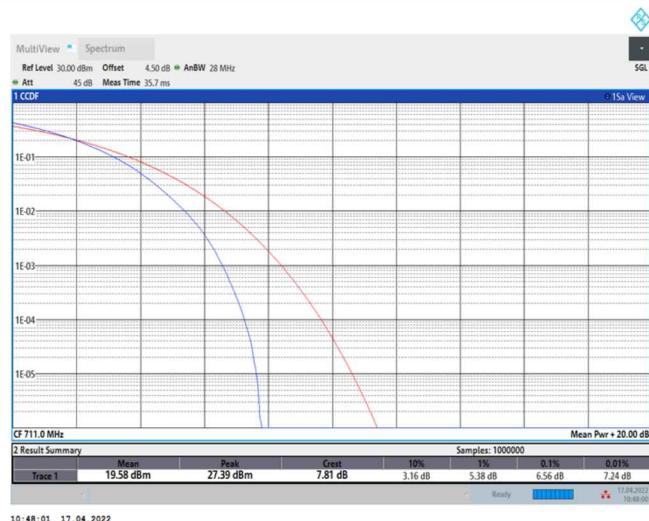
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### Band17-10MHz-256QAM-23790-50RB#0



### Band17-10MHz-256QAM-23800-50RB#0



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## 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.484	5.11	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.477	5.02	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.476	5.04	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.476	5.13	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.480	5.04	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.483	5.10	PASS
Band17	5MHz	64QAM	23755	25RB#0	4.478	5.01	PASS
Band17	5MHz	64QAM	23790	25RB#0	4.478	5.06	PASS
Band17	5MHz	64QAM	23825	25RB#0	4.482	5.06	PASS
Band17	5MHz	256QAM	23755	25RB#0	4.478	5.06	PASS
Band17	5MHz	256QAM	23790	25RB#0	4.483	4.99	PASS
Band17	5MHz	256QAM	23825	25RB#0	4.483	5.04	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.953	9.87	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.958	9.97	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.946	9.87	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.942	9.90	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.943	9.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.960	9.80	PASS
Band17	10MHz	64QAM	23780	50RB#0	8.948	9.83	PASS
Band17	10MHz	64QAM	23790	50RB#0	8.930	9.80	PASS
Band17	10MHz	64QAM	23800	50RB#0	8.952	9.83	PASS
Band17	10MHz	256QAM	23780	50RB#0	8.926	9.80	PASS
Band17	10MHz	256QAM	23790	50RB#0	8.957	10.00	PASS
Band17	10MHz	256QAM	23800	50RB#0	8.947	9.83	PASS

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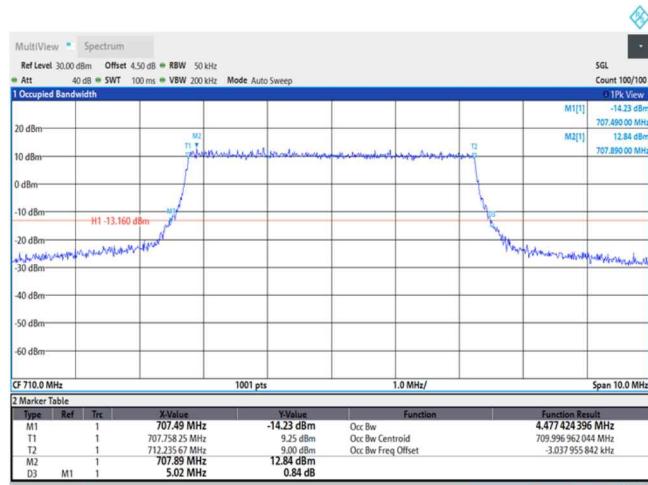
## Test Graphs

### Band17-5MHz-QPSK-23755-25RB#0



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