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## **Appendix for LTE band 7**

**Applicant: HONGKONG UCLOUDLINK NETWORK  
TECHNOLOGY LIMITED**

**Address: Suite 603, 6/F, Laws Commercial Plaza, 788  
Cheung Sha Wan Road, Kowloon, Hong Kong**

**Product Name: 5G Wireless Data Terminal**

**Model: GLMU21A01**

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## Appendix A: Effective (Isotropic) Radiated Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.66	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.79	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.80	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.72	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.69	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.90	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.77	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.59	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.73	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.65	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.69	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.66	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.73	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.81	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.94	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.06	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.13	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.07	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.06	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.17	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.18	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.69	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.84	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.76	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.73	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.88	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.74	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.59	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.67	PASS

Band7	5MHz	16QAM	21100	1RB#24	21.68	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.69	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.72	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.78	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.11	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.96	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.04	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.06	PASS
Band7	5MHz	16QAM	21425	12RB#0	22.05	PASS
Band7	5MHz	16QAM	21425	12RB#6	22.10	PASS
Band7	5MHz	16QAM	21425	12RB#13	22.16	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.13	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.97	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.14	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.16	PASS
Band7	10MHz	QPSK	20800	25RB#0	22.14	PASS
Band7	10MHz	QPSK	20800	25RB#12	22.21	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.19	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.14	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.01	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.06	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.11	PASS
Band7	10MHz	QPSK	21100	25RB#0	22.19	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.22	PASS
Band7	10MHz	QPSK	21100	25RB#25	22.18	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.23	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.92	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.03	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.14	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.18	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.21	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.25	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.25	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.95	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.07	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.09	PASS
Band7	10MHz	16QAM	20800	25RB#0	22.14	PASS

Band7	10MHz	16QAM	20800	25RB#12	22.15	PASS
Band7	10MHz	16QAM	20800	25RB#25	22.18	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.15	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.99	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.82	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.97	PASS
Band7	10MHz	16QAM	21100	25RB#0	22.23	PASS
Band7	10MHz	16QAM	21100	25RB#12	22.21	PASS
Band7	10MHz	16QAM	21100	25RB#25	22.19	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.22	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.20	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.18	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.25	PASS
Band7	10MHz	16QAM	21400	25RB#0	22.19	PASS
Band7	10MHz	16QAM	21400	25RB#12	22.23	PASS
Band7	10MHz	16QAM	21400	25RB#25	22.24	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.25	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.59	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.63	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.74	PASS
Band7	15MHz	QPSK	20825	38RB#0	21.96	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.02	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.01	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.92	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.76	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.82	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.87	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.71	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.73	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.77	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.05	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.79	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.85	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.81	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.02	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.11	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.05	PASS

Band7	15MHz	QPSK	21375	75RB#0	22.07	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.86	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.94	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.98	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.96	PASS
Band7	15MHz	16QAM	20825	38RB#18	22.03	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.99	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.95	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.65	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.75	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.85	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.76	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.77	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.77	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.07	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.96	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.03	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.07	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.98	PASS
Band7	15MHz	16QAM	21375	38RB#18	22.10	PASS
Band7	15MHz	16QAM	21375	38RB#37	22.04	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.06	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.74	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.80	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.86	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.99	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.98	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.94	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.97	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.80	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.84	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.90	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.98	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.06	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.06	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.11	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.89	PASS

Band7	20MHz	QPSK	21350	1RB#49	22.96	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.87	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.11	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.12	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.04	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.15	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.97	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.05	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.11	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.96	PASS
Band7	20MHz	16QAM	20850	50RB#25	22.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.98	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.73	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.74	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.73	PASS
Band7	20MHz	16QAM	21100	50RB#0	22.05	PASS
Band7	20MHz	16QAM	21100	50RB#25	22.04	PASS
Band7	20MHz	16QAM	21100	50RB#50	22.05	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.14	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.88	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.86	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.93	PASS
Band7	20MHz	16QAM	21350	50RB#0	22.06	PASS
Band7	20MHz	16QAM	21350	50RB#25	22.14	PASS
Band7	20MHz	16QAM	21350	50RB#50	22.03	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.16	PASS

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

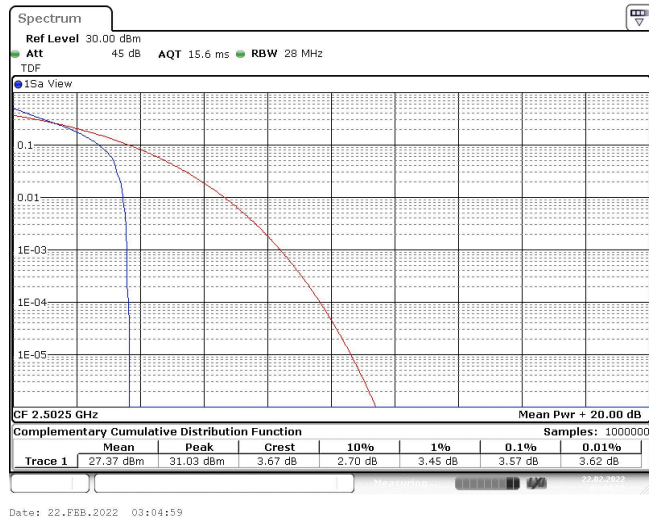
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	3.57	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	9.10	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	3.80	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.52	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	3.04	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.51	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	6.12	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.68	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	4.64	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.48	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	4.35	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.10	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	3.39	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.59	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	3.22	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	4.61	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	3.68	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.29	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.71	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	7.13	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	4.58	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.67	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.86	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.20	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	3.36	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.62	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	5.54	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	4.84	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	3.42	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.62	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.77	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.94	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	9.62	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.29	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.39	13	PASS

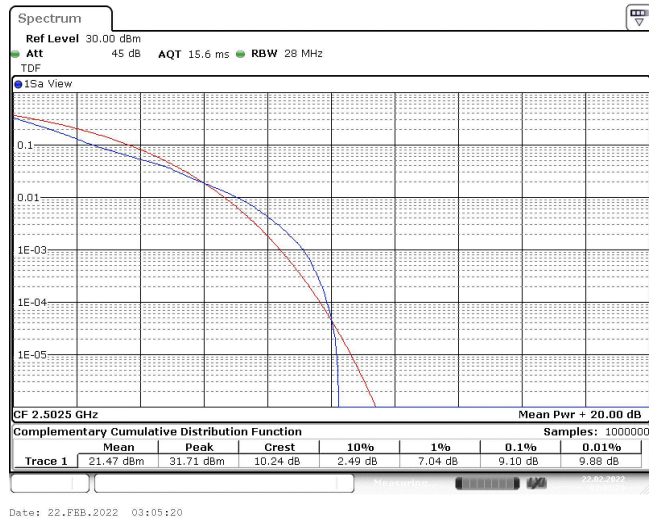


Band7	15MHz	16QAM	21375	75RB#0	6.26	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	3.68	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.33	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	3.71	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	4.70	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	3.68	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.58	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	4.99	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.59	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.77	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.45	13	PASS
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Band7	20MHz	16QAM	21350	100RB#0	6.55	13	PASS

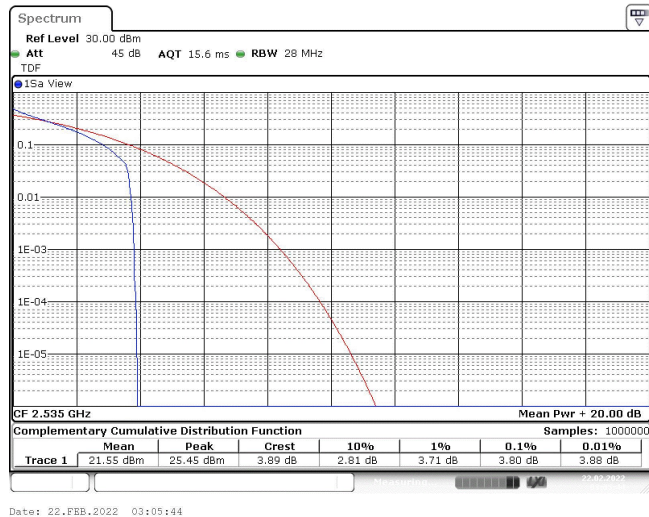
# Test Graphs



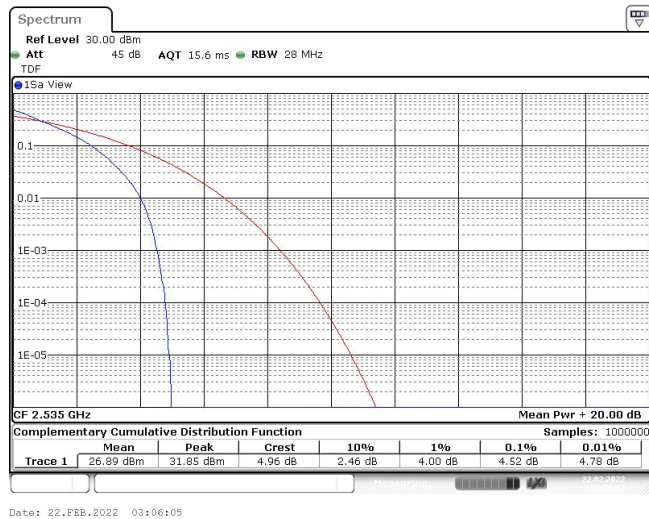
Band7-5MHz-QPSK-20775-1RB#0



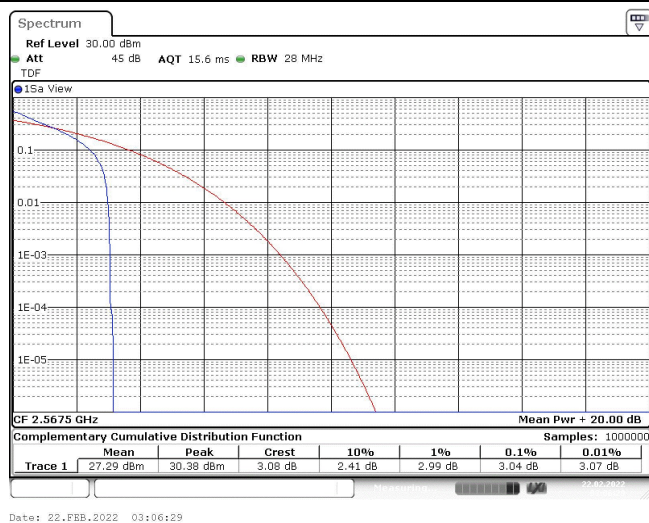
Band7-5MHz-QPSK-20775-25RB#0



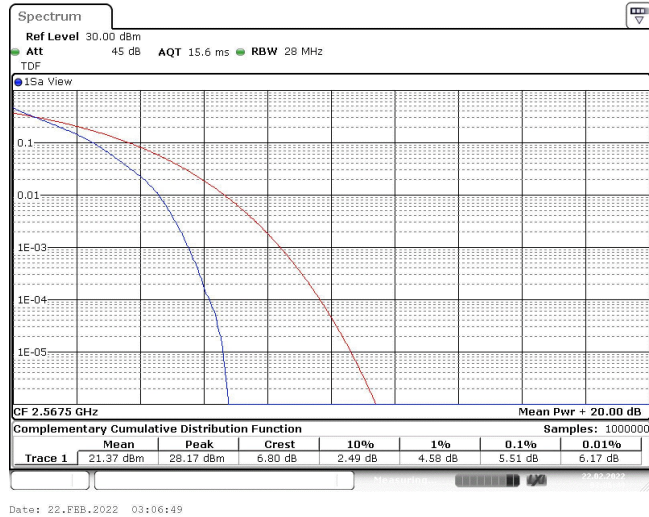
Band7-5MHz-QPSK-21100-1RB#0



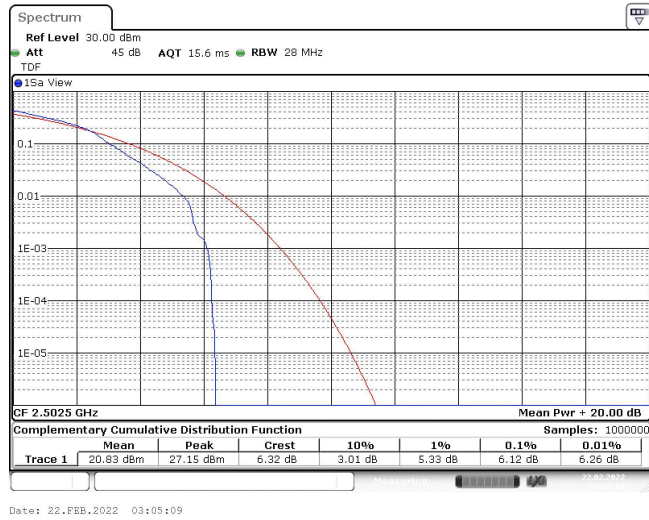
Band7-5MHz-QPSK-21100-25RB#0



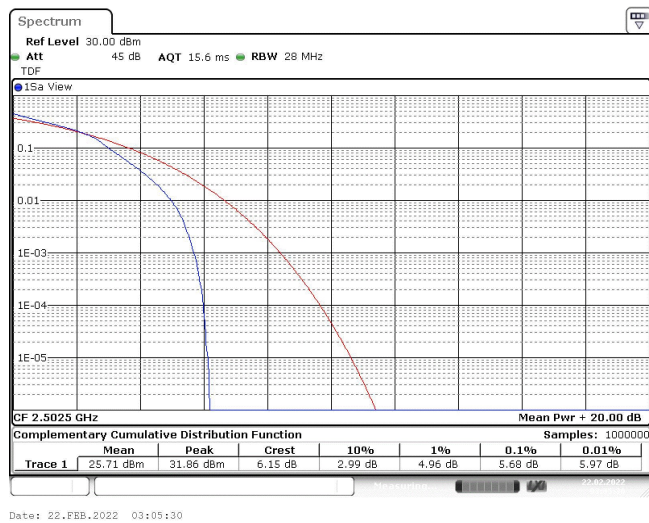
Band7-5MHz-QPSK-21425-1RB#0



### Band7-5MHz-QPSK-21425-25RB#0



### Band7-5MHz-16QAM-20775-1RB#0



### Band7-5MHz-16QAM-20775-25RB#0