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Appendix B.6

LTE Band 7



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South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

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Effective (Isotropic) Radiated Power Output Data

Test Result

ANT5

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	24.86	23.26	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12 24.82		23.22	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	24.84	23.24	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	23.85	22.25	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	24.89	23.29	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	25.01	23.41	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	24.87	23.27	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	23.84	22.24	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	24.86	23.26	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	25.06	23.46	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	24.84	23.24	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	23.92	22.32	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	24.05	22.45	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	24.02	22.42	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	23.95	22.35	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	22.98	21.38	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	23.98	22.38	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	24.07	22.47	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	24.12	22.52	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	22.87	21.27	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	23.85	22.25	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	23.98	22.38	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	24.03	22.43	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	22.94	21.34	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	23.10	21.5	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	23.01	21.41	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	23.03	21.43	33.00	PASS



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Band7	5MHz	64QAM	20775	25RB#0	21.89	20.29	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	23.12	21.52	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	23.13	21.53	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	23.24	21.64	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	21.89	20.29	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	23.07	21.47	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	23.16	21.56	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	23.07	21.47	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	21.97	20.37	33.00	PASS
Band7	5MHz	256QAM	20775	1RB#0	19.98	18.38	33.00	PASS
Band7	5MHz	256QAM	20775	1RB#12	20.00	18.4	33.00	PASS
Band7	5MHz	256QAM	20775	1RB#24	19.97	18.37	33.00	PASS
Band7	5MHz	256QAM	20775	25RB#0	19.89	18.29	33.00	PASS
Band7	5MHz	256QAM	21100	1RB#0	19.95	18.35	33.00	PASS
Band7	5MHz	256QAM	21100	1RB#12	19.92	18.32	33.00	PASS
Band7	5MHz	256QAM	21100	1RB#24	19.92	18.32	33.00	PASS
Band7	5MHz	256QAM	21100	25RB#0	19.91	18.31	33.00	PASS
Band7	5MHz	256QAM	21425	1RB#0	19.85	18.25	33.00	PASS
Band7	5MHz	256QAM	21425	1RB#12	20.07	18.47	33.00	PASS
Band7	5MHz	256QAM	21425	1RB#24	19.89	18.29	33.00	PASS
Band7	5MHz	256QAM	21425	25RB#0	19.90	18.3	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	24.92	23.32	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	24.80	23.2	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	24.75	23.15	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	23.93	22.33	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#0	24.76	23.16	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	24.92	23.32	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	24.92	23.32	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	23.89	22.29	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	24.79	23.19	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	24.91	23.31	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	24.86	23.26	33.00	PASS
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Band7 10MHz QPSK 21400 50RB#0 23.90 22.3 33.00 Band7 10MHz 16QAM 20800 1RB#0 23.99 22.39 33.00 Band7 10MHz 16QAM 20800 1RB#24 23.88 22.28 33.00 Band7 10MHz 16QAM 20800 1RB#49 23.90 22.3 33.00	PASS PASS
Band7 10MHz 16QAM 20800 1RB#24 23.88 22.28 33.00	PASS
Band7 10MHz 16QAM 20800 1RB#49 23.90 22.3 33.00	DACC
	PASS
Band7 10MHz 16QAM 20800 50RB#0 22.90 21.3 33.00	PASS
Band7 10MHz 16QAM 21100 1RB#0 24.10 22.5 33.00	PASS
Band7 10MHz 16QAM 21100 1RB#24 24.05 22.45 33.00	PASS
Band7 10MHz 16QAM 21100 1RB#49 24.02 22.42 33.00	PASS
Band7 10MHz 16QAM 21100 50RB#0 22.86 21.26 33.00	PASS
Band7 10MHz 16QAM 21400 1RB#0 24.07 22.47 33.00	PASS
Band7 10MHz 16QAM 21400 1RB#24 24.04 22.44 33.00	PASS
Band7 10MHz 16QAM 21400 1RB#49 23.88 22.28 33.00	PASS
Band7 10MHz 16QAM 21400 50RB#0 22.91 21.31 33.00	PASS
Band7 10MHz 64QAM 20800 1RB#0 23.05 21.45 33.00	PASS
Band7 10MHz 64QAM 20800 1RB#24 23.02 21.42 33.00	PASS
Band7 10MHz 64QAM 20800 1RB#49 22.87 21.27 33.00	PASS
Band7 10MHz 64QAM 20800 50RB#0 21.92 20.32 33.00	PASS
Band7 10MHz 64QAM 21100 1RB#0 23.06 21.46 33.00	PASS
Band7 10MHz 64QAM 21100 1RB#24 23.08 21.48 33.00	PASS
Band7 10MHz 64QAM 21100 1RB#49 23.14 21.54 33.00	PASS
Band7 10MHz 64QAM 21100 50RB#0 21.92 20.32 33.00	PASS
Band7 10MHz 64QAM 21400 1RB#0 23.02 21.42 33.00	PASS
Band7 10MHz 64QAM 21400 1RB#24 23.11 21.51 33.00	PASS
Band7 10MHz 64QAM 21400 1RB#49 23.06 21.46 33.00	PASS
Band7 10MHz 64QAM 21400 50RB#0 21.90 20.3 33.00	PASS
Band7 10MHz 256QAM 20800 1RB#0 19.78 18.18 33.00	PASS
Band7 10MHz 256QAM 20800 1RB#24 19.90 18.3 33.00	PASS
Band7 10MHz 256QAM 20800 1RB#49 19.74 18.14 33.00	PASS
Band7 10MHz 256QAM 20800 50RB#0 19.84 18.24 33.00	PASS
Band7 10MHz 256QAM 21100 1RB#0 19.90 18.3 33.00	PASS
Band7 10MHz 256QAM 21100 1RB#24 19.99 18.39 33.00	PASS
Band7 10MHz 256QAM 21100 1RB#49 20.03 18.43 33.00	PASS



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Band7	10MHz	256QAM	21100	50RB#0	19.88	18.28	33.00	PASS
Band7	10MHz	256QAM	21400	1RB#0	19.79	18.19	33.00	PASS
Band7	10MHz	256QAM	21400	1RB#24	20.04	18.44	33.00	PASS
Band7	10MHz	256QAM	21400	1RB#49	20.10	18.5	33.00	PASS
Band7	10MHz	256QAM	21400	50RB#0	19.89	18.29	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	24.52	22.92	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	24.71	23.11	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	24.49	22.89	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	23.77	22.17	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	24.58	22.98	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	24.63	23.03	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	24.53	22.93	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	23.69	22.09	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	24.63	23.03	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	24.58	22.98	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	24.66	23.06	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	23.80	22.2	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	23.84	22.24	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	23.98	22.38	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	23.63	22.03	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	22.70	21.1	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	23.63	22.03	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	23.74	22.14	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	23.71	22.11	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	22.70	21.1	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	23.67	22.07	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	23.81	22.21	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	23.79	22.19	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	22.81	21.21	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	22.86	21.26	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	22.80	21.2	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	22.65	21.05	33.00	PASS



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Band7	15MHz	64QAM	20825	75RB#0	21.76	20.16	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	22.56	20.96	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	22.81	21.21	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	22.88	21.28	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	21.70	20.1	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	22.69	21.09	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	22.99	21.39	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	23.29	21.69	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	21.75	20.15	33.00	PASS
Band7	15MHz	256QAM	20825	1RB#0	19.72	18.12	33.00	PASS
Band7	15MHz	256QAM	20825	1RB#38	19.80	18.2	33.00	PASS
Band7	15MHz	256QAM	20825	1RB#74	19.53	17.93	33.00	PASS
Band7	15MHz	256QAM	20825	75RB#0	19.73	18.13	33.00	PASS
Band7	15MHz	256QAM	21100	1RB#0	19.63	18.03	33.00	PASS
Band7	15MHz	256QAM	21100	1RB#38	19.71	18.11	33.00	PASS
Band7	15MHz	256QAM	21100	1RB#74	19.82	18.22	33.00	PASS
Band7	15MHz	256QAM	21100	75RB#0	19.77	18.17	33.00	PASS
Band7	15MHz	256QAM	21375	1RB#0	19.75	18.15	33.00	PASS
Band7	15MHz	256QAM	21375	1RB#38	19.79	18.19	33.00	PASS
Band7	15MHz	256QAM	21375	1RB#74	20.02	18.42	33.00	PASS
Band7	15MHz	256QAM	21375	75RB#0	19.76	18.16	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	24.67	23.07	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	24.70	23.1	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	24.51	22.91	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	23.76	22.16	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	24.76	23.16	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	24.80	23.2	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	24.72	23.12	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	23.70	22.1	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	24.58	22.98	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	24.67	23.07	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	24.70	23.1	33.00	PASS



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Band7 20MHz QPSK 21350 100RB#0 23.81 22.21 33.00 PASS Band7 20MHz 16QAM 20850 1RB#0 23.87 22.27 33.00 PASS Band7 20MHz 16QAM 20850 1RB#99 23.91 22.21 33.00 PASS Band7 20MHz 16QAM 20850 100RB#0 22.81 21.21 33.00 PASS Band7 20MHz 16QAM 21100 1RB#09 23.52 21.92 33.00 PASS Band7 20MHz 16QAM 21100 1RB#99 23.85 22.25 33.00 PASS Band7 20MHz 16QAM 21100 100RB#0 22.66 21.06 33.00 PASS Band7 20MHz 16QAM 21350 1RB#99 23.65 22.05 33.00 PASS Band7 20MHz 16QAM 21350 1RB#99 23.65 22.05 33.00 PASS						Page:	7 01 44	•	
Band7 20MHz 16QAM 20850 1RB#49 23.89 22.29 33.00 PASS Band7 20MHz 16QAM 20850 1RB#99 23.91 22.31 33.00 PASS Band7 20MHz 16QAM 20850 100RB#0 22.81 21.21 33.00 PASS Band7 20MHz 16QAM 21100 1RB#0 23.52 21.92 33.00 PASS Band7 20MHz 16QAM 21100 1RB#09 24.22 22.62 33.00 PASS Band7 20MHz 16QAM 21100 100RB#0 22.66 21.06 33.00 PASS Band7 20MHz 16QAM 21350 1RB#0 23.66 22.06 33.00 PASS Band7 20MHz 16QAM 21350 1RB#09 23.65 22.05 33.00 PASS Band7 20MHz 16QAM 21350 100RB#0 22.87 21.27 33.00 PASS	Band7	20MHz	QPSK	21350	100RB#0	23.81	22.21	33.00	PASS
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Band7 20MHz 16QAM 21100 1RB#0 23.52 21.92 33.00 PASS Band7 20MHz 16QAM 21100 1RB#49 24.22 22.62 33.00 PASS Band7 20MHz 16QAM 21100 1RB#99 23.85 22.25 33.00 PASS Band7 20MHz 16QAM 21100 100RB#0 22.66 21.06 33.00 PASS Band7 20MHz 16QAM 21350 1RB#0 23.66 22.06 33.00 PASS Band7 20MHz 16QAM 21350 1RB#99 23.65 22.05 33.00 PASS Band7 20MHz 16QAM 21350 100RB#0 22.87 21.27 33.00 PASS Band7 20MHz 16QAM 20850 1RB#99 23.65 22.05 33.00 PASS Band7 20MHz 64QAM 20850 1RB#99 22.70 21.1 33.00 PASS	Band7	20MHz	16QAM	20850	1RB#99	23.91	22.31	33.00	PASS
Band7 20MHz 16QAM 21100 1RB#49 24.22 22.62 33.00 PASS Band7 20MHz 16QAM 21100 1RB#99 23.85 22.25 33.00 PASS Band7 20MHz 16QAM 21100 100RB#0 22.66 21.06 33.00 PASS Band7 20MHz 16QAM 21350 1RB#49 23.95 22.35 33.00 PASS Band7 20MHz 16QAM 21350 1RB#99 23.65 22.05 33.00 PASS Band7 20MHz 16QAM 21350 100RB#0 22.87 21.27 33.00 PASS Band7 20MHz 64QAM 20850 1RB#0 22.70 21.1 33.00 PASS Band7 20MHz 64QAM 20850 1RB#49 22.76 21.16 33.00 PASS Band7 20MHz 64QAM 20850 1RB#99 22.69 21.09 33.00 PASS	Band7	20MHz	16QAM	20850	100RB#0	22.81	21.21	33.00	PASS
Band7 20MHz 16QAM 21100 1RB#99 23.85 22.25 33.00 PASS Band7 20MHz 16QAM 21100 100RB#0 22.66 21.06 33.00 PASS Band7 20MHz 16QAM 21350 1RB#0 23.66 22.06 33.00 PASS Band7 20MHz 16QAM 21350 1RB#99 23.65 22.05 33.00 PASS Band7 20MHz 16QAM 21350 100RB#0 22.87 21.27 33.00 PASS Band7 20MHz 16QAM 20350 100RB#0 22.87 21.27 33.00 PASS Band7 20MHz 64QAM 20850 1RB#0 22.70 21.1 33.00 PASS Band7 20MHz 64QAM 20850 1RB#99 22.69 21.09 33.00 PASS Band7 20MHz 64QAM 20850 100RB#0 21.78 20.18 33.00 PASS	Band7	20MHz	16QAM	21100	1RB#0	23.52	21.92	33.00	PASS
Band7 20MHz 16QAM 21100 100RB#0 22.66 21.06 33.00 PASS Band7 20MHz 16QAM 21350 1RB#0 23.66 22.06 33.00 PASS Band7 20MHz 16QAM 21350 1RB#49 23.95 22.35 33.00 PASS Band7 20MHz 16QAM 21350 1RB#99 23.65 22.05 33.00 PASS Band7 20MHz 16QAM 21350 100RB#0 22.87 21.27 33.00 PASS Band7 20MHz 64QAM 20850 1RB#0 22.70 21.1 33.00 PASS Band7 20MHz 64QAM 20850 1RB#99 22.69 21.09 33.00 PASS Band7 20MHz 64QAM 20850 1RB#99 22.69 21.09 33.00 PASS Band7 20MHz 64QAM 21100 1RB#09 22.62 21.02 33.00 PASS	Band7	20MHz	16QAM	21100	1RB#49	24.22	22.62	33.00	PASS
Band7 20MHz 16QAM 21350 1RB#0 23.66 22.06 33.00 PASS Band7 20MHz 16QAM 21350 1RB#49 23.95 22.35 33.00 PASS Band7 20MHz 16QAM 21350 100RB#0 22.87 21.27 33.00 PASS Band7 20MHz 16QAM 21350 100RB#0 22.87 21.27 33.00 PASS Band7 20MHz 64QAM 20850 1RB#0 22.70 21.1 33.00 PASS Band7 20MHz 64QAM 20850 1RB#49 22.76 21.16 33.00 PASS Band7 20MHz 64QAM 20850 100RB#0 21.78 20.18 33.00 PASS Band7 20MHz 64QAM 21100 1RB#49 23.05 21.45 33.00 PASS Band7 20MHz 64QAM 21100 1RB#49 23.05 21.45 33.00 PASS	Band7	20MHz	16QAM	21100	1RB#99	23.85	22.25	33.00	PASS
Band7 20MHz 16QAM 21350 1RB#49 23.95 22.35 33.00 PASS Band7 20MHz 16QAM 21350 1RB#99 23.65 22.05 33.00 PASS Band7 20MHz 16QAM 21350 100RB#0 22.87 21.27 33.00 PASS Band7 20MHz 64QAM 20850 1RB#0 22.70 21.1 33.00 PASS Band7 20MHz 64QAM 20850 1RB#99 22.69 21.09 33.00 PASS Band7 20MHz 64QAM 20850 100RB#0 21.78 20.18 33.00 PASS Band7 20MHz 64QAM 21100 1RB#0 22.62 21.02 33.00 PASS Band7 20MHz 64QAM 21100 1RB#49 23.05 21.45 33.00 PASS Band7 20MHz 64QAM 21100 1RB#49 23.05 21.45 33.00 PASS	Band7	20MHz	16QAM	21100	100RB#0	22.66	21.06	33.00	PASS
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Band7 20MHz 64QAM 20850 1RB#0 22.70 21.1 33.00 PASS Band7 20MHz 64QAM 20850 1RB#49 22.76 21.16 33.00 PASS Band7 20MHz 64QAM 20850 1RB#99 22.69 21.09 33.00 PASS Band7 20MHz 64QAM 20850 100RB#0 21.78 20.18 33.00 PASS Band7 20MHz 64QAM 21100 1RB#0 22.62 21.02 33.00 PASS Band7 20MHz 64QAM 21100 1RB#49 23.05 21.45 33.00 PASS Band7 20MHz 64QAM 21100 1RB#99 22.73 21.13 33.00 PASS Band7 20MHz 64QAM 21100 100RB#0 21.74 20.14 33.00 PASS Band7 20MHz 64QAM 21350 1RB#0 22.84 21.24 33.00 PASS	Band7	20MHz	16QAM	21350	1RB#99	23.65	22.05	33.00	PASS
Band7 20MHz 64QAM 20850 1RB#49 22.76 21.16 33.00 PASS Band7 20MHz 64QAM 20850 1RB#99 22.69 21.09 33.00 PASS Band7 20MHz 64QAM 20850 100RB#0 21.78 20.18 33.00 PASS Band7 20MHz 64QAM 21100 1RB#0 22.62 21.02 33.00 PASS Band7 20MHz 64QAM 21100 1RB#49 23.05 21.45 33.00 PASS Band7 20MHz 64QAM 21100 1RB#99 22.73 21.13 33.00 PASS Band7 20MHz 64QAM 21100 100RB#0 21.74 20.14 33.00 PASS Band7 20MHz 64QAM 21350 1RB#0 22.84 21.24 33.00 PASS Band7 20MHz 64QAM 21350 1RB#99 22.76 21.16 33.00 PASS	Band7	20MHz	16QAM	21350	100RB#0	22.87	21.27	33.00	PASS
Band7 20MHz 64QAM 20850 1RB#99 22.69 21.09 33.00 PASS Band7 20MHz 64QAM 20850 100RB#0 21.78 20.18 33.00 PASS Band7 20MHz 64QAM 21100 1RB#0 22.62 21.02 33.00 PASS Band7 20MHz 64QAM 21100 1RB#49 23.05 21.45 33.00 PASS Band7 20MHz 64QAM 21100 1RB#99 22.73 21.13 33.00 PASS Band7 20MHz 64QAM 21100 100RB#0 21.74 20.14 33.00 PASS Band7 20MHz 64QAM 21350 1RB#0 22.84 21.24 33.00 PASS Band7 20MHz 64QAM 21350 1RB#49 22.65 21.05 33.00 PASS Band7 20MHz 64QAM 21350 1RB#99 22.76 21.16 33.00 PASS	Band7	20MHz	64QAM	20850	1RB#0	22.70	21.1	33.00	PASS
Band7 20MHz 64QAM 20850 100RB#0 21.78 20.18 33.00 PASS Band7 20MHz 64QAM 21100 1RB#0 22.62 21.02 33.00 PASS Band7 20MHz 64QAM 21100 1RB#49 23.05 21.45 33.00 PASS Band7 20MHz 64QAM 21100 1RB#99 22.73 21.13 33.00 PASS Band7 20MHz 64QAM 21100 100RB#0 21.74 20.14 33.00 PASS Band7 20MHz 64QAM 21350 1RB#0 22.84 21.24 33.00 PASS Band7 20MHz 64QAM 21350 1RB#49 22.65 21.05 33.00 PASS Band7 20MHz 64QAM 21350 1RB#99 22.76 21.16 33.00 PASS Band7 20MHz 64QAM 21350 1RB#99 19.71 18.11 33.00 PASS	Band7	20MHz	64QAM	20850	1RB#49	22.76	21.16	33.00	PASS
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Band7 20MHz 64QAM 21100 1RB#99 22.73 21.13 33.00 PASS Band7 20MHz 64QAM 21100 100RB#0 21.74 20.14 33.00 PASS Band7 20MHz 64QAM 21350 1RB#0 22.84 21.24 33.00 PASS Band7 20MHz 64QAM 21350 1RB#49 22.65 21.05 33.00 PASS Band7 20MHz 64QAM 21350 1RB#99 22.76 21.16 33.00 PASS Band7 20MHz 64QAM 21350 100RB#0 21.76 20.16 33.00 PASS Band7 20MHz 256QAM 20850 1RB#0 19.71 18.11 33.00 PASS Band7 20MHz 256QAM 20850 1RB#49 19.81 18.21 33.00 PASS Band7 20MHz 256QAM 20850 1RB#99 19.62 18.02 33.00 PASS <tr< td=""><td>Band7</td><td>20MHz</td><td>64QAM</td><td>21100</td><td>1RB#0</td><td>22.62</td><td>21.02</td><td>33.00</td><td>PASS</td></tr<>	Band7	20MHz	64QAM	21100	1RB#0	22.62	21.02	33.00	PASS
Band7 20MHz 64QAM 21100 100RB#0 21.74 20.14 33.00 PASS Band7 20MHz 64QAM 21350 1RB#0 22.84 21.24 33.00 PASS Band7 20MHz 64QAM 21350 1RB#49 22.65 21.05 33.00 PASS Band7 20MHz 64QAM 21350 1RB#99 22.76 21.16 33.00 PASS Band7 20MHz 64QAM 21350 100RB#0 21.76 20.16 33.00 PASS Band7 20MHz 256QAM 20850 1RB#0 19.71 18.11 33.00 PASS Band7 20MHz 256QAM 20850 1RB#49 19.81 18.21 33.00 PASS Band7 20MHz 256QAM 20850 1RB#99 19.62 18.02 33.00 PASS Band7 20MHz 256QAM 20850 100RB#0 19.69 18.09 33.00 PASS <	Band7	20MHz	64QAM	21100	1RB#49	23.05	21.45	33.00	PASS
Band7 20MHz 64QAM 21350 1RB#0 22.84 21.24 33.00 PASS Band7 20MHz 64QAM 21350 1RB#49 22.65 21.05 33.00 PASS Band7 20MHz 64QAM 21350 1RB#99 22.76 21.16 33.00 PASS Band7 20MHz 64QAM 21350 100RB#0 21.76 20.16 33.00 PASS Band7 20MHz 256QAM 20850 1RB#0 19.71 18.11 33.00 PASS Band7 20MHz 256QAM 20850 1RB#49 19.81 18.21 33.00 PASS Band7 20MHz 256QAM 20850 1RB#99 19.62 18.02 33.00 PASS Band7 20MHz 256QAM 20850 100RB#0 19.69 18.09 33.00 PASS Band7 20MHz 256QAM 21100 1RB#0 19.50 17.9 33.00 PASS <tr< td=""><td>Band7</td><td>20MHz</td><td>64QAM</td><td>21100</td><td>1RB#99</td><td>22.73</td><td>21.13</td><td>33.00</td><td>PASS</td></tr<>	Band7	20MHz	64QAM	21100	1RB#99	22.73	21.13	33.00	PASS
Band7 20MHz 64QAM 21350 1RB#49 22.65 21.05 33.00 PASS Band7 20MHz 64QAM 21350 1RB#99 22.76 21.16 33.00 PASS Band7 20MHz 64QAM 21350 100RB#0 21.76 20.16 33.00 PASS Band7 20MHz 256QAM 20850 1RB#0 19.71 18.11 33.00 PASS Band7 20MHz 256QAM 20850 1RB#49 19.81 18.21 33.00 PASS Band7 20MHz 256QAM 20850 1RB#99 19.62 18.02 33.00 PASS Band7 20MHz 256QAM 20850 100RB#0 19.69 18.09 33.00 PASS Band7 20MHz 256QAM 21100 1RB#0 19.50 17.9 33.00 PASS Band7 20MHz 256QAM 21100 1RB#49 19.80 18.2 33.00 PASS <td>Band7</td> <td>20MHz</td> <td>64QAM</td> <td>21100</td> <td>100RB#0</td> <td>21.74</td> <td>20.14</td> <td>33.00</td> <td>PASS</td>	Band7	20MHz	64QAM	21100	100RB#0	21.74	20.14	33.00	PASS
Band7 20MHz 64QAM 21350 1RB#99 22.76 21.16 33.00 PASS Band7 20MHz 64QAM 21350 100RB#0 21.76 20.16 33.00 PASS Band7 20MHz 256QAM 20850 1RB#0 19.71 18.11 33.00 PASS Band7 20MHz 256QAM 20850 1RB#49 19.81 18.21 33.00 PASS Band7 20MHz 256QAM 20850 1RB#99 19.62 18.02 33.00 PASS Band7 20MHz 256QAM 20850 100RB#0 19.69 18.09 33.00 PASS Band7 20MHz 256QAM 21100 1RB#0 19.50 17.9 33.00 PASS Band7 20MHz 256QAM 21100 1RB#49 19.80 18.2 33.00 PASS	Band7	20MHz	64QAM	21350	1RB#0	22.84	21.24	33.00	PASS
Band7 20MHz 64QAM 21350 100RB#0 21.76 20.16 33.00 PASS Band7 20MHz 256QAM 20850 1RB#0 19.71 18.11 33.00 PASS Band7 20MHz 256QAM 20850 1RB#49 19.81 18.21 33.00 PASS Band7 20MHz 256QAM 20850 1RB#99 19.62 18.02 33.00 PASS Band7 20MHz 256QAM 20850 100RB#0 19.69 18.09 33.00 PASS Band7 20MHz 256QAM 21100 1RB#0 19.50 17.9 33.00 PASS Band7 20MHz 256QAM 21100 1RB#49 19.80 18.2 33.00 PASS	Band7	20MHz	64QAM	21350	1RB#49	22.65	21.05	33.00	PASS
Band7 20MHz 256QAM 20850 1RB#0 19.71 18.11 33.00 PASS Band7 20MHz 256QAM 20850 1RB#49 19.81 18.21 33.00 PASS Band7 20MHz 256QAM 20850 1RB#99 19.62 18.02 33.00 PASS Band7 20MHz 256QAM 20850 100RB#0 19.69 18.09 33.00 PASS Band7 20MHz 256QAM 21100 1RB#0 19.50 17.9 33.00 PASS Band7 20MHz 256QAM 21100 1RB#49 19.80 18.2 33.00 PASS	Band7	20MHz	64QAM	21350	1RB#99	22.76	21.16	33.00	PASS
Band7 20MHz 256QAM 20850 1RB#49 19.81 18.21 33.00 PASS Band7 20MHz 256QAM 20850 1RB#99 19.62 18.02 33.00 PASS Band7 20MHz 256QAM 20850 100RB#0 19.69 18.09 33.00 PASS Band7 20MHz 256QAM 21100 1RB#0 19.50 17.9 33.00 PASS Band7 20MHz 256QAM 21100 1RB#49 19.80 18.2 33.00 PASS	Band7	20MHz	64QAM	21350	100RB#0	21.76	20.16	33.00	PASS
Band7 20MHz 256QAM 20850 1RB#99 19.62 18.02 33.00 PASS Band7 20MHz 256QAM 20850 100RB#0 19.69 18.09 33.00 PASS Band7 20MHz 256QAM 21100 1RB#0 19.50 17.9 33.00 PASS Band7 20MHz 256QAM 21100 1RB#49 19.80 18.2 33.00 PASS	Band7	20MHz	256QAM	20850	1RB#0	19.71	18.11	33.00	PASS
Band7 20MHz 256QAM 20850 100RB#0 19.69 18.09 33.00 PASS Band7 20MHz 256QAM 21100 1RB#0 19.50 17.9 33.00 PASS Band7 20MHz 256QAM 21100 1RB#49 19.80 18.2 33.00 PASS	Band7	20MHz	256QAM	20850	1RB#49	19.81	18.21	33.00	PASS
Band7 20MHz 256QAM 21100 1RB#0 19.50 17.9 33.00 PASS Band7 20MHz 256QAM 21100 1RB#49 19.80 18.2 33.00 PASS	Band7	20MHz	256QAM	20850	1RB#99	19.62	18.02	33.00	PASS
Band7 20MHz 256QAM 21100 1RB#49 19.80 18.2 33.00 PASS	Band7	20MHz	256QAM	20850	100RB#0	19.69	18.09	33.00	PASS
	Band7	20MHz	256QAM	21100	1RB#0	19.50	17.9	33.00	PASS
Band7 20MHz 256QAM 21100 1RB#99 19.86 18.26 33.00 PASS	Band7	20MHz	256QAM	21100	1RB#49	19.80	18.2	33.00	PASS
	Band7	20MHz	256QAM	21100	1RB#99	19.86	18.26	33.00	PASS



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Band7	20MHz	256QAM	21100	100RB#0	19.76	18.16	33.00	PASS
Band7	20MHz	256QAM	21350	1RB#0	19.56	17.96	33.00	PASS
Band7	20MHz	256QAM	21350	1RB#49	19.68	18.08	33.00	PASS
Band7	20MHz	256QAM	21350	1RB#99	19.78	18.18	33.00	PASS
Band7	20MHz	256QAM	21350	100RB#0	19.78	18.18	33.00	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	4.78	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	4.86	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.90	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.80	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.70	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.72	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.50	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.44	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	6.42	13	PASS
Band7	20MHz	256QAM	20850	100RB#0	6.72	13	PASS
Band7	20MHz	256QAM	21100	100RB#0	6.64	13	PASS
Band7	20MHz	256QAM	21350	100RB#0	6.54	13	PASS



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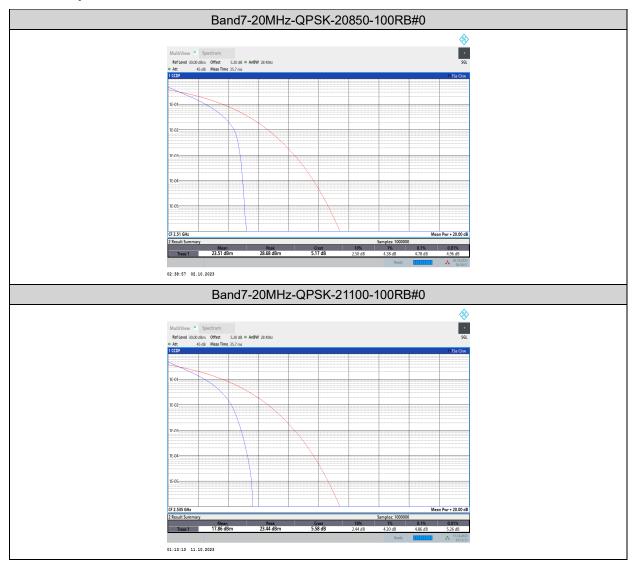


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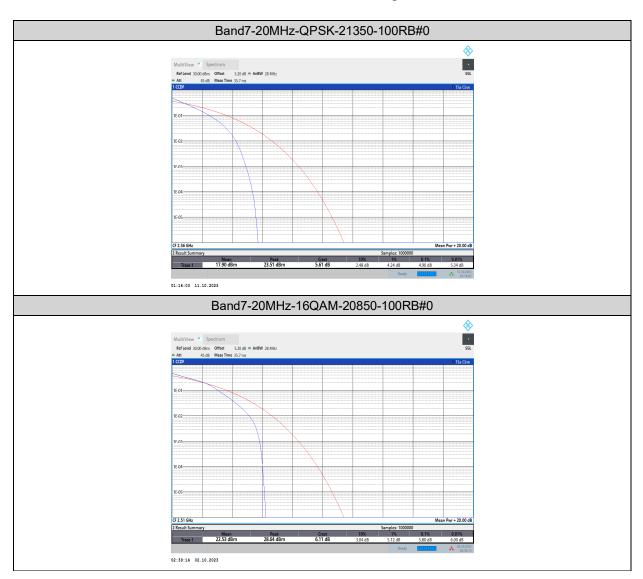
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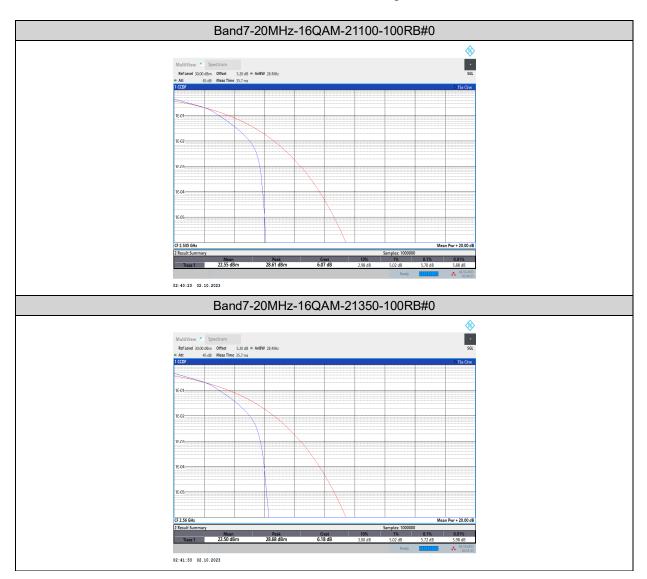
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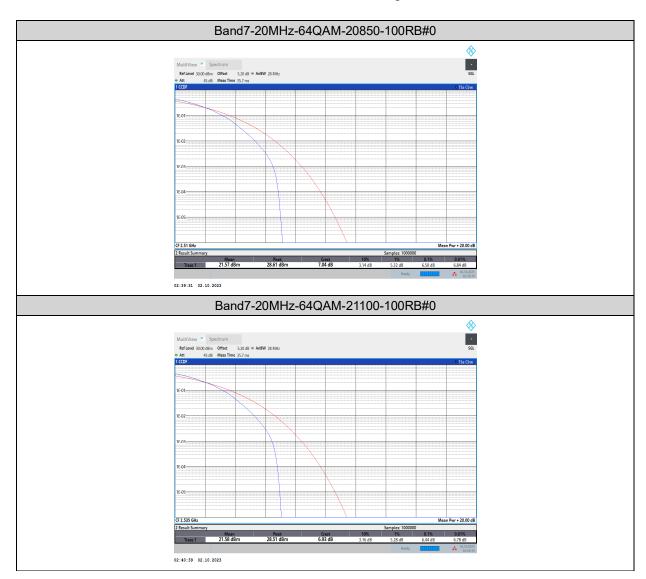
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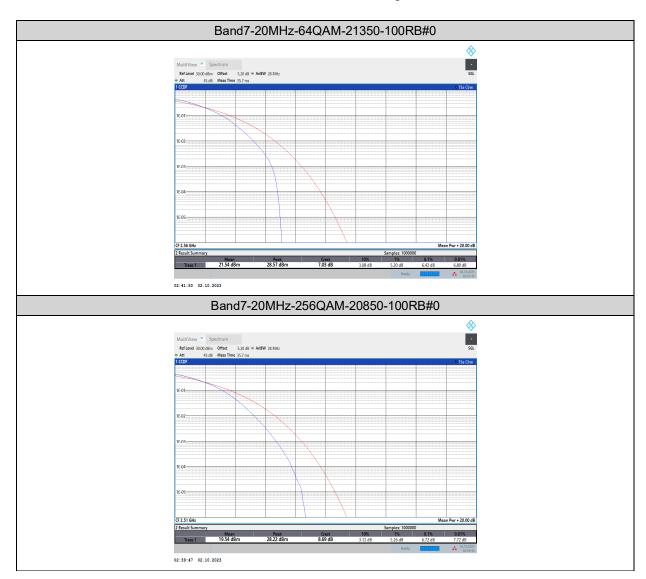
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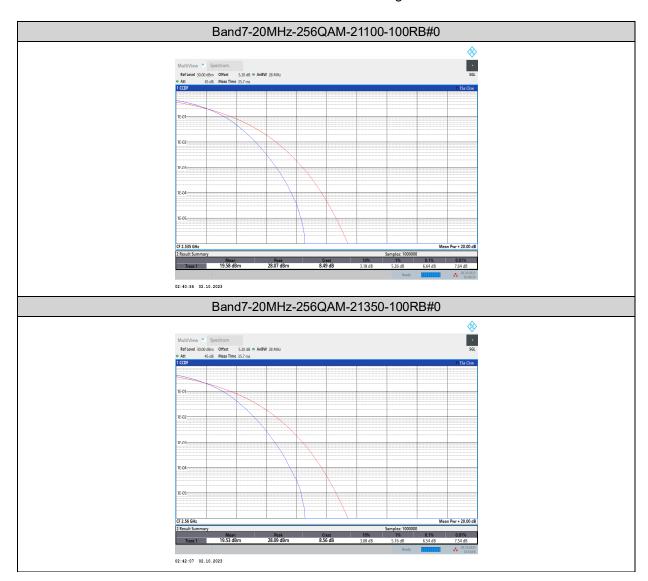
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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	21100	25RB#0	4.476	5.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.478	5.02	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.477	5.06	PASS
Band7	5MHz	256QAM	21100	25RB#0	4.477	5.09	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.93	9.98	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.948	9.92	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.925	9.86	PASS
Band7	10MHz	256QAM	21100	50RB#0	8.946	9.86	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.5	15.03	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.509	14.91	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.49	15.06	PASS
Band7	15MHz	256QAM	21100	75RB#0	13.482	14.88	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.927	19.68	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.938	19.76	PASS
Band7	20MHz	64QAM	21100	100RB#0	17.954	19.92	PASS
Band7	20MHz	256QAM	21100	100RB#0	17.906	19.76	PASS



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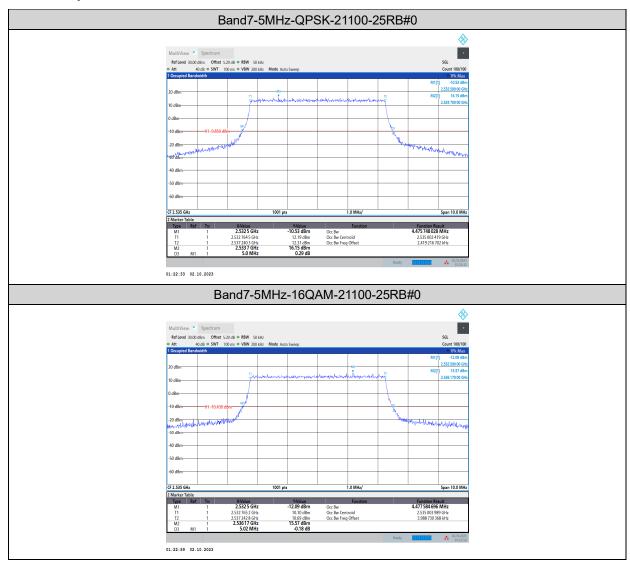


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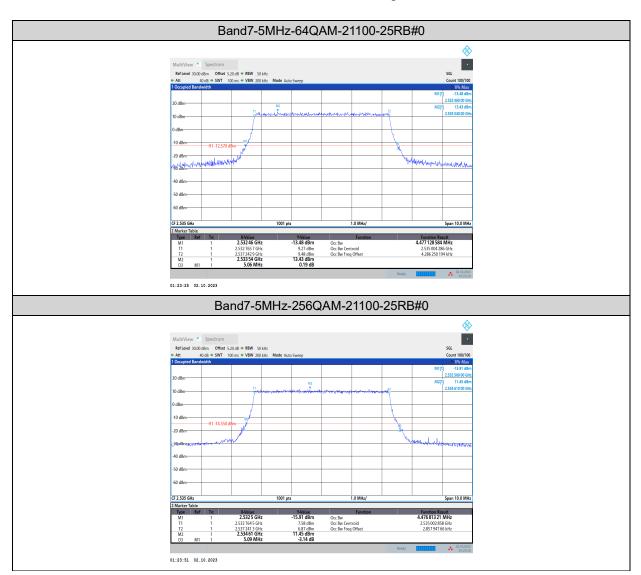
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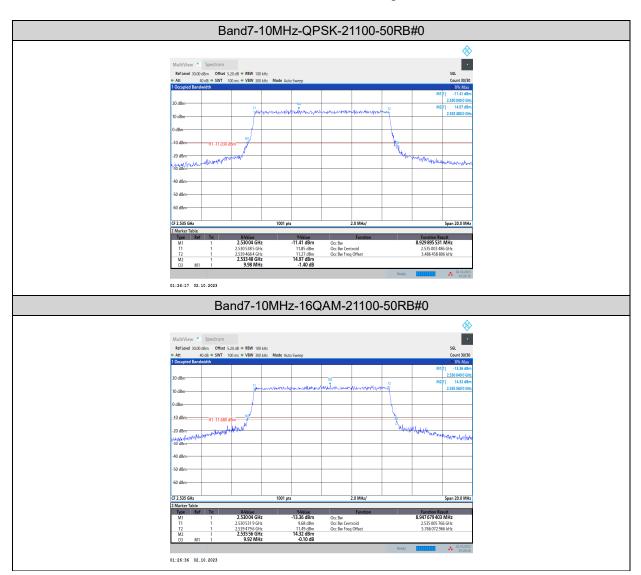
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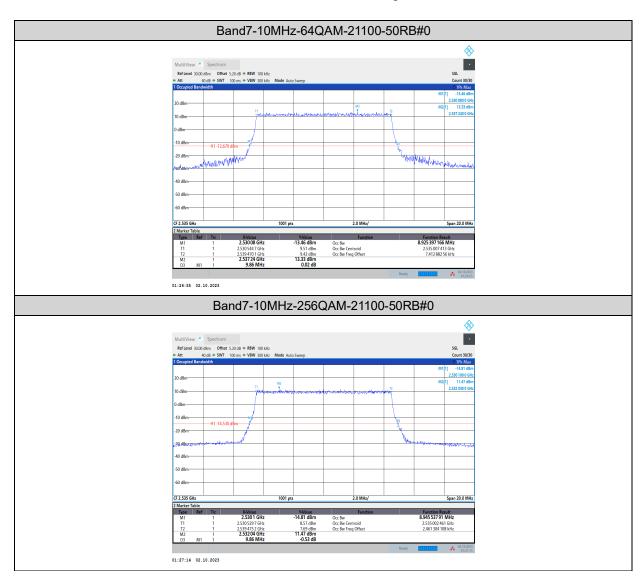
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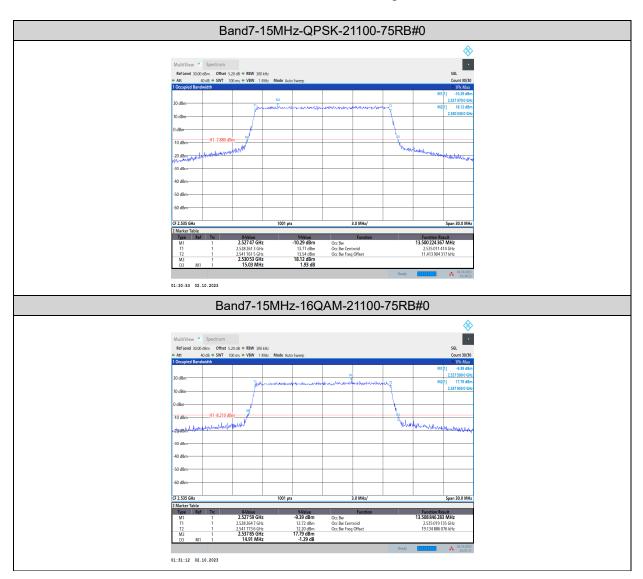
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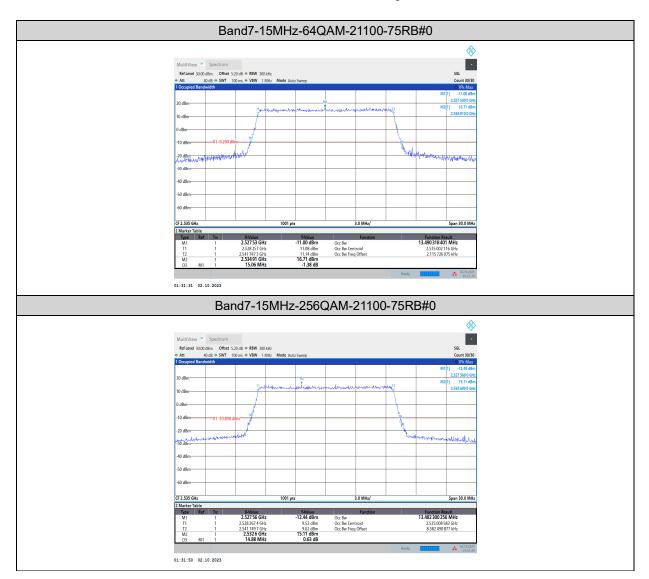
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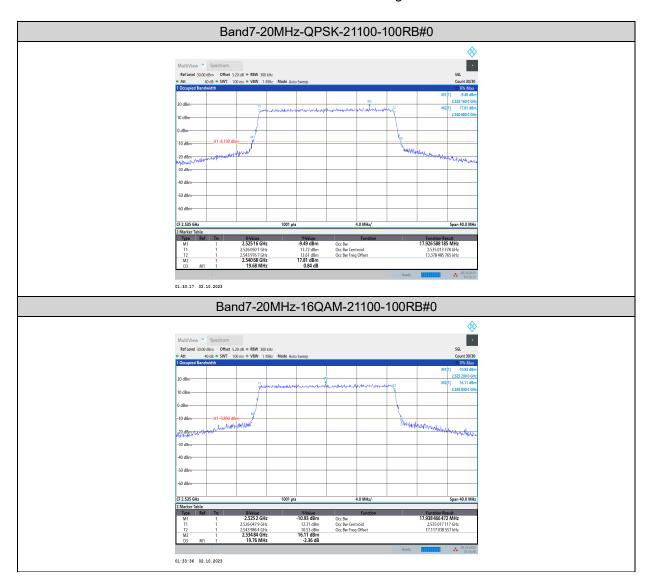
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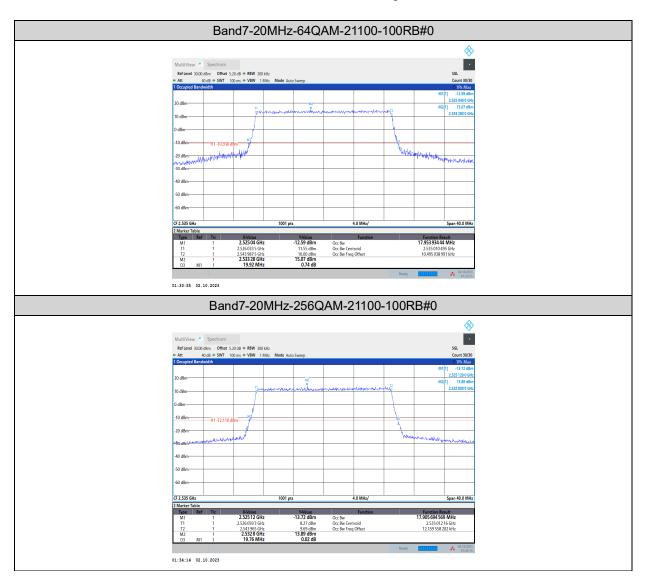
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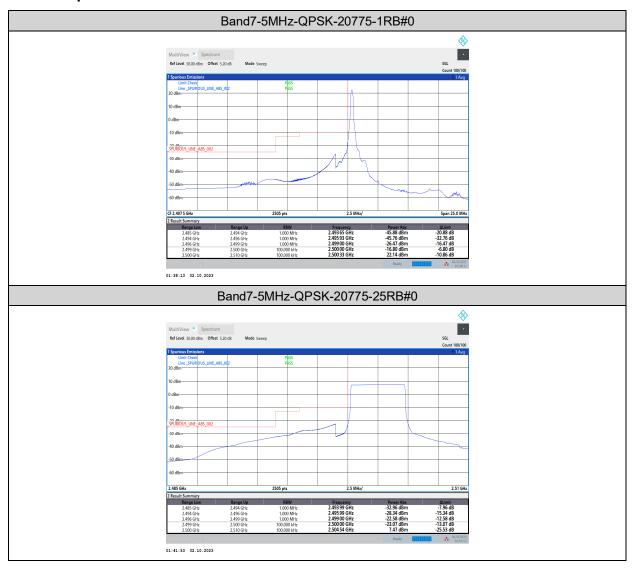
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Band Edge

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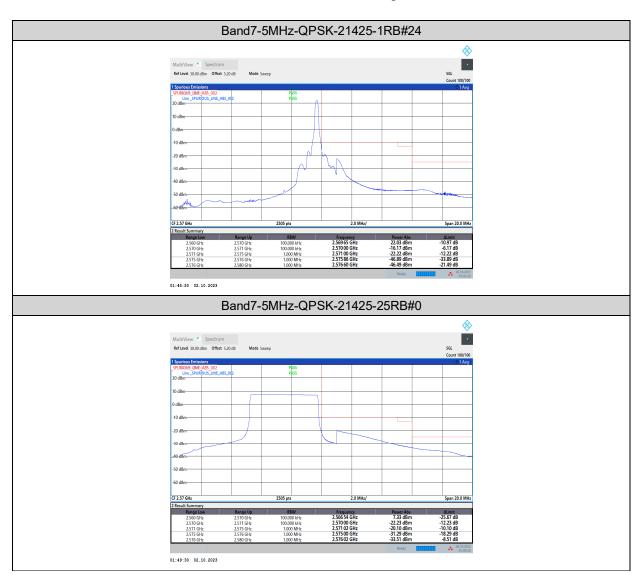
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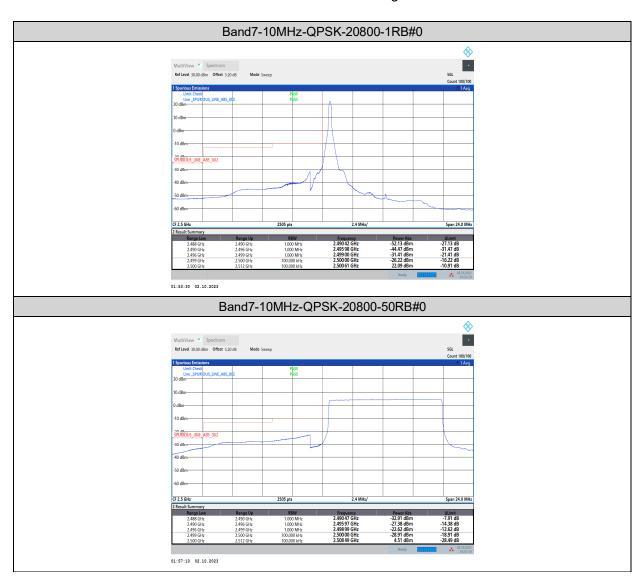
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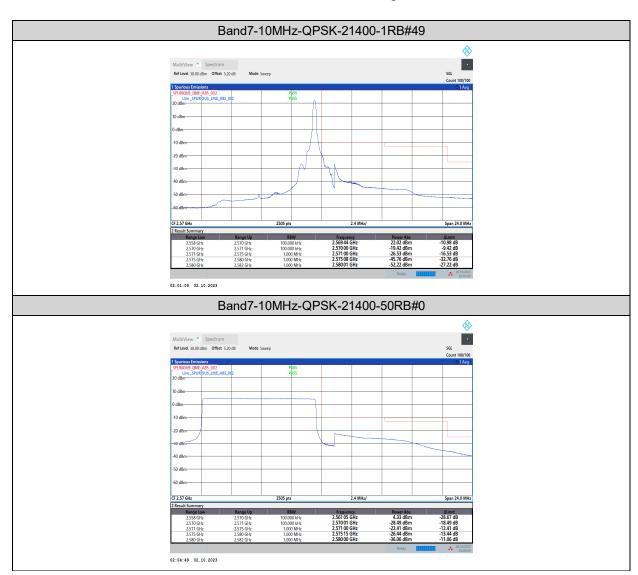
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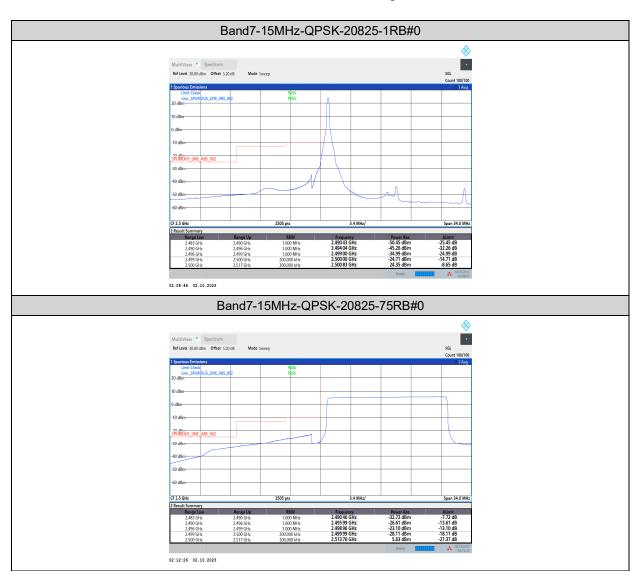
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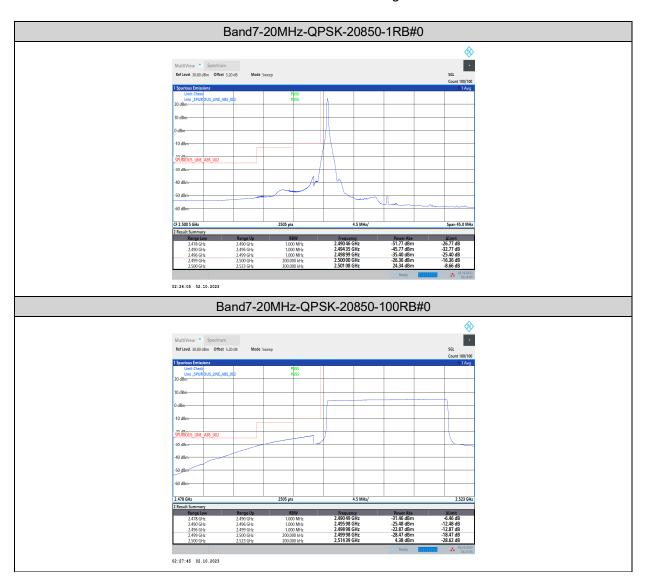
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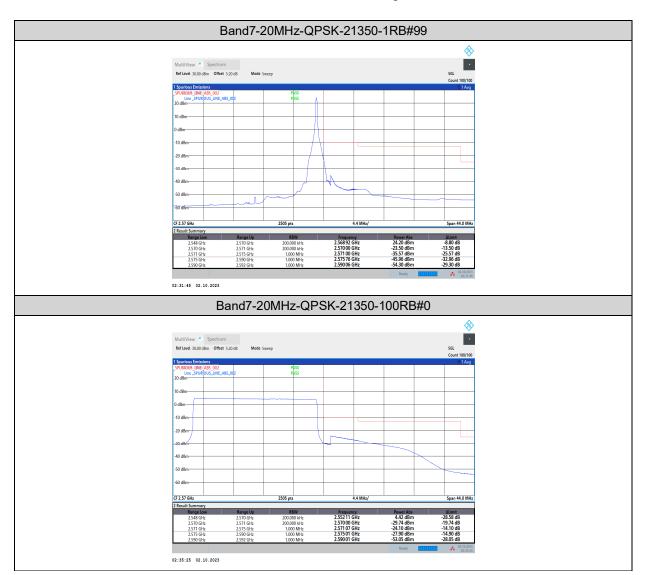
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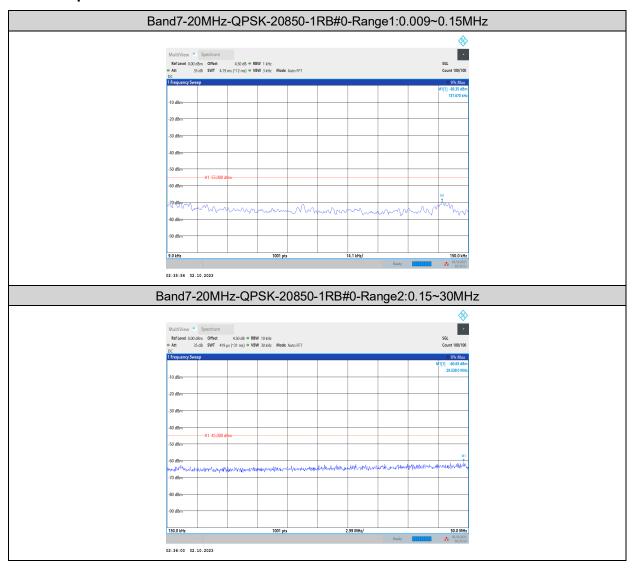
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Conducted Spurious Emission

Test Graphs





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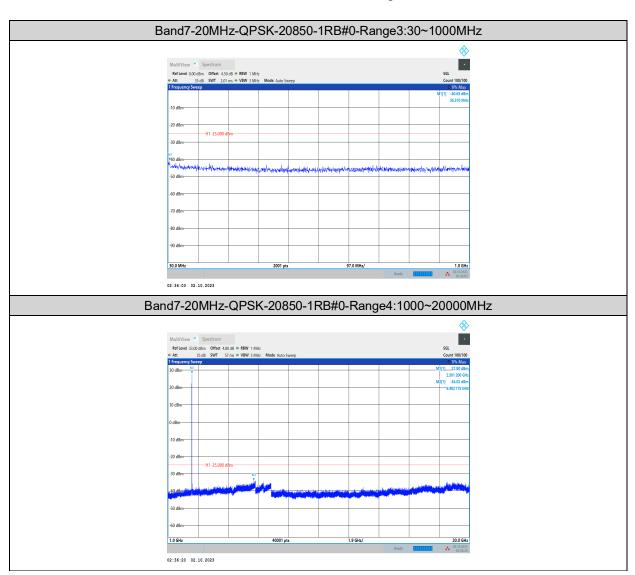
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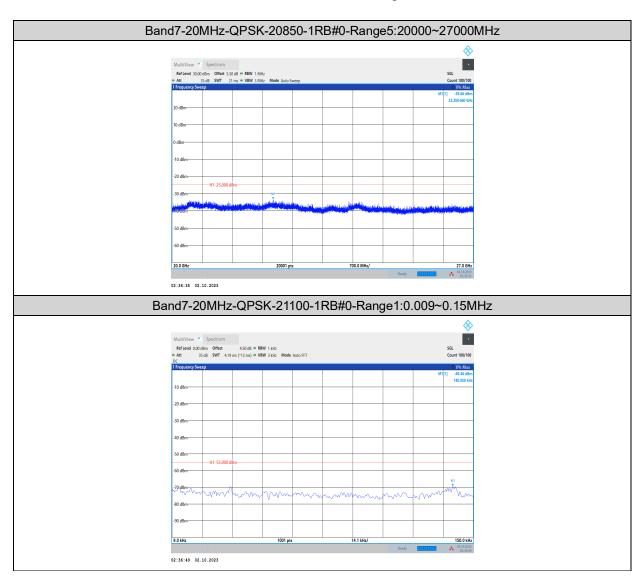
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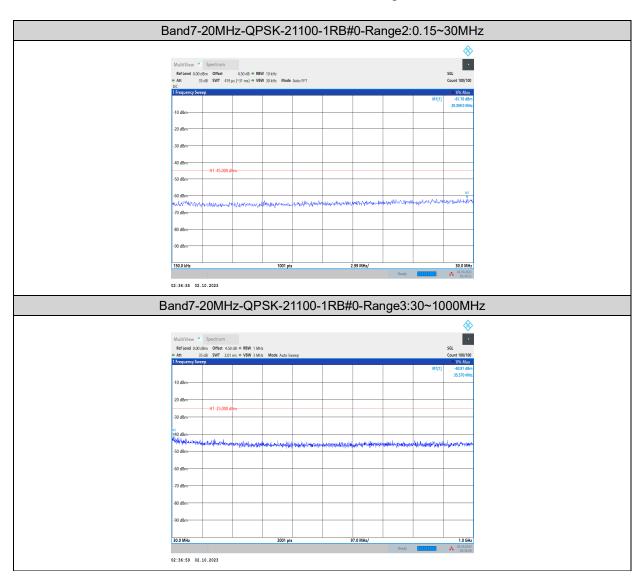
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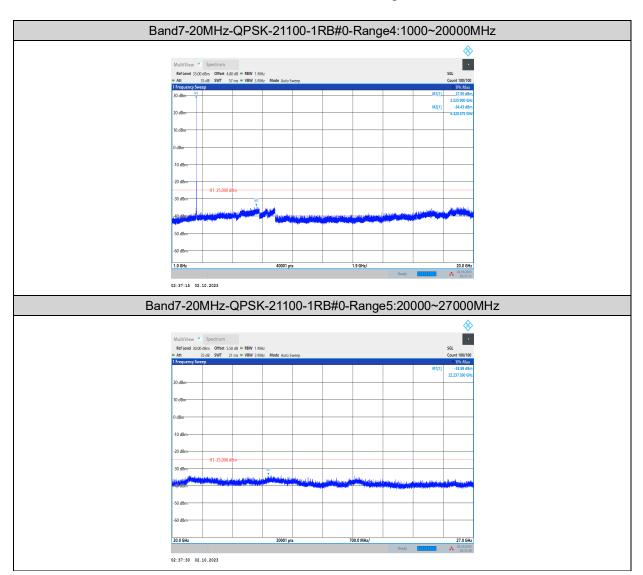
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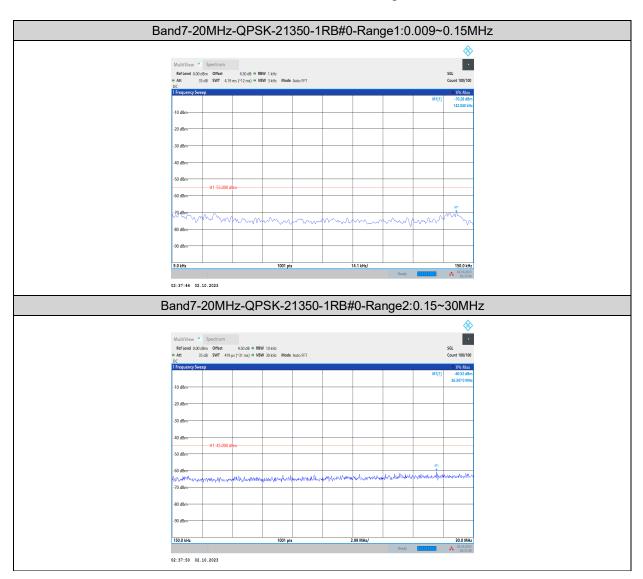
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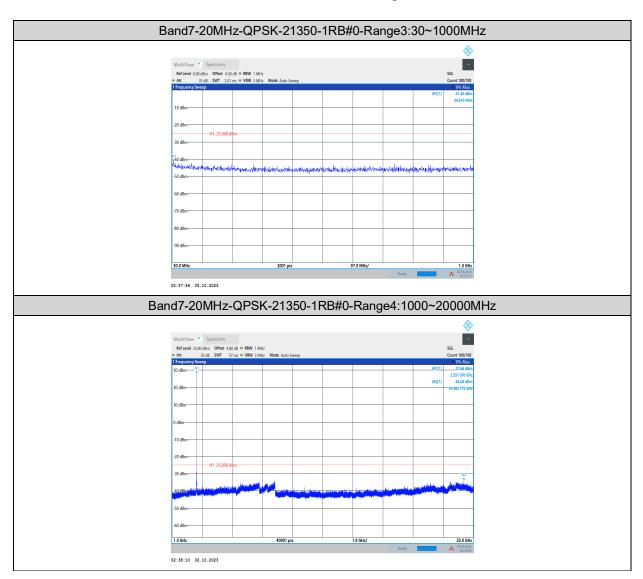
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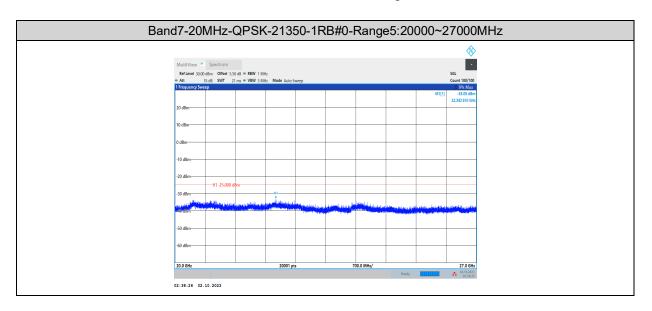
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Field Strength of Spurious Radiation

Test Band = LTE Band 7_ TM1 Test Channel = Low

Final	Final Data List											
NO	Frequency	Reading	Factor	A E [D /]	Level	Limit	Margin	Delevite				
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity				
1	5002.18	43.21	-48.01	31.51	-68.55	-25.00	43.55	Horizontal				
2	7503.27	41.75	-46.11	36.80	-62.83	-25.00	37.83	Horizontal				
3	10004.36	39.71	-41.71	38.50	-58.75	-25.00	33.75	Horizontal				
4	12505.45	36.25	-39.84	38.90	-59.95	-25.00	34.95	Horizontal				
5	15006.54	35.26	-38.03	40.09	-57.95	-25.00	32.95	Horizontal				
6	17507.63	35.61	-36.82	42.15	-54.32	-25.00	29.32	Horizontal				

Final	Final Data List											
NO	Frequency	Reading	Factor	A [[dD/m]	Level	Limit	Margin	Delevite				
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity				
1	5002.18	43.69	-48.01	31.51	-68.07	-25.00	43.07	Vertical				
2	7503.27	42.27	-46.11	36.80	-62.31	-25.00	37.31	Vertical				
3	10004.36	39.38	-41.71	38.50	-59.08	-25.00	34.08	Vertical				
4	12505.45	36.04	-39.84	38.90	-60.16	-25.00	35.16	Vertical				
5	15006.54	34.88	-38.03	40.09	-58.33	-25.00	33.33	Vertical				
6	17507.63	36.35	-36.82	42.15	-53.58	-25.00	28.58	Vertical				



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Test Band = LTE Band 7_ TM1 Test Channel = Mid

Final	Final Data List											
NO.	Frequency	Reading	Factor	A [[dD/m]	Level	Limit	Margin	Dalavitus				
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity				
1	5052.18	43.70	-47.91	31.63	-67.84	-25.00	42.84	Horizontal				
2	7578.27	41.32	-44.91	36.71	-62.15	-25.00	37.15	Horizontal				
3	10104.36	37.90	-41.88	38.59	-60.65	-25.00	35.65	Horizontal				
4	12630.45	36.53	-39.08	38.82	-58.98	-25.00	33.98	Horizontal				
5	15156.54	36.06	-37.42	39.80	-56.82	-25.00	31.82	Horizontal				
6	17682.63	35.30	-37.64	43.27	-54.33	-25.00	29.33	Horizontal				

Final Data List										
NO.	Frequency	Reading	Factor	A E [D /]	Level	Limit	Margin	Dolority		
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity		
1	5052.18	44.07	-47.91	31.63	-67.47	-25.00	42.47	Vertical		
2	7578.27	42.01	-44.91	36.71	-61.46	-25.00	36.46	Vertical		
3	10104.36	38.30	-41.88	38.59	-60.25	-25.00	35.25	Vertical		
4	12630.45	36.84	-39.08	38.82	-58.67	-25.00	33.67	Vertical		
5	15156.54	35.61	-37.42	39.80	-57.27	-25.00	32.27	Vertical		
6	17682.63	35.53	-37.64	43.27	-54.10	-25.00	29.10	Vertical		



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Test Band = LTE Band 7_ TM1 Test Channel = High

Final Data List										
NO	Frequency	Reading	Factor	Λ Γ[-ID/]	Level	Limit	Margin	Dolority		
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity		
1	5102.18	42.71	-47.82	31.75	-68.63	-25.00	43.63	Horizontal		
2	7653.27	41.65	-44.91	36.62	-61.91	-25.00	36.91	Horizontal		
3	10204.36	38.25	-42.10	38.68	-60.42	-25.00	35.42	Horizontal		
4	12755.45	36.53	-39.29	38.75	-59.27	-25.00	34.27	Horizontal		
5	15306.54	35.95	-37.87	39.52	-57.66	-25.00	32.66	Horizontal		
6	17857.63	35.21	-36.85	44.39	-52.51	-25.00	27.51	Horizontal		

Final Data List										
NO.	Frequency	Reading	Factor	Λ Γ[-ID/]	Level	Limit	Margin	Dolority		
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity		
1	5102.18	43.46	-47.82	31.75	-67.88	-25.00	42.88	Vertical		
2	7653.27	41.90	-44.91	36.62	-61.66	-25.00	36.66	Vertical		
3	10204.36	37.87	-42.10	38.68	-60.80	-25.00	35.80	Vertical		
4	12755.45	36.80	-39.29	38.75	-59.00	-25.00	34.00	Vertical		
5	15306.54	35.17	-37.87	39.52	-58.44	-25.00	33.44	Vertical		
6	17857.63	34.68	-36.85	44.39	-53.04	-25.00	28.04	Vertical		

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	0.90	0.000355	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	0.90	0.000355	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	3.50	0.001381	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-0.80	-0.000316	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	2.30	0.000907	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	-1.80	-0.000710	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	1.80	0.000710	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	2.20	0.000868	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-0.20	-0.000079	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	0.10	0.000039	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	0.90	0.000355	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	3.70	0.001460	PASS

---End of Attachment---



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