

Appendix J LTE

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01 Conducted output power (ERP)

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	ERP Limit (mW)	Verdict
NVNT	Band 5	1.4	20407	1	#0	QPSK	23.40	0	21.25	133.35	7000	PASS
NVNT	Band 5	1.4	20407	1	#Mid	QPSK	23.54	0	21.39	137.72	7000	PASS
NVNT	Band 5	1.4	20407	1	#Max	QPSK	23.39	0	21.24	133.05	7000	PASS
NVNT	Band 5	1.4	20407	3	#0	QPSK	23.44	0	21.29	134.59	7000	PASS
NVNT	Band 5	1.4	20407	3	#Mid	QPSK	23.46	0	21.31	135.21	7000	PASS
NVNT	Band 5	1.4	20407	3	#Max	QPSK	23.49	0	21.34	136.14	7000	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	22.50	0	20.35	108.39	7000	PASS
NVNT	Band 5	1.4	20407	1	#0	16QAM	22.45	0	20.30	107.15	7000	PASS
NVNT	Band 5	1.4	20407	1	#Mid	16QAM	22.59	0	20.44	110.66	7000	PASS
NVNT	Band 5	1.4	20407	1	#Max	16QAM	22.53	0	20.38	109.14	7000	PASS
NVNT	Band 5	1.4	20407	3	#0	16QAM	22.67	0	20.52	112.72	7000	PASS
NVNT	Band 5	1.4	20407	3	#Mid	16QAM	22.68	0	20.53	112.98	7000	PASS
NVNT	Band 5	1.4	20407	3	#Max	16QAM	22.65	0	20.50	112.20	7000	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	21.70	0	19.55	90.16	7000	PASS
NVNT	Band 5	1.4	20525	1	#0	QPSK	23.32	0	21.17	130.92	7000	PASS
NVNT	Band 5	1.4	20525	1	#Mid	QPSK	23.47	0	21.32	135.52	7000	PASS
NVNT	Band 5	1.4	20525	1	#Max	QPSK	23.35	0	21.20	131.83	7000	PASS
NVNT	Band 5	1.4	20525	3	#0	QPSK	23.53	0	21.38	137.40	7000	PASS
NVNT	Band 5	1.4	20525	3	#Mid	QPSK	23.54	0	21.39	137.7	7000	PASS

	5									2		
NVNT	Band 5	1.4	20525	3	#Max	QPSK	23.51	0	21.36	136.7 7	7000	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	22.51	0	20.36	108.6 4	7000	PASS
NVNT	Band 5	1.4	20525	1	#0	16QAM	22.53	0	20.38	109.1 4	7000	PASS
NVNT	Band 5	1.4	20525	1	#Mid	16QAM	22.61	0	20.46	111.17	7000	PASS
NVNT	Band 5	1.4	20525	1	#Max	16QAM	22.59	0	20.44	110.66	7000	PASS
NVNT	Band 5	1.4	20525	3	#0	16QAM	22.70	0	20.55	113.50	7000	PASS
NVNT	Band 5	1.4	20525	3	#Mid	16QAM	22.79	0	20.64	115.88	7000	PASS
NVNT	Band 5	1.4	20525	3	#Max	16QAM	22.72	0	20.57	114.02	7000	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	21.69	0	19.54	89.95	7000	PASS
NVNT	Band 5	1.4	20643	1	#0	QPSK	23.31	0	21.16	130.6 2	7000	PASS
NVNT	Band 5	1.4	20643	1	#Mid	QPSK	23.41	0	21.26	133.6 6	7000	PASS
NVNT	Band 5	1.4	20643	1	#Max	QPSK	23.35	0	21.20	131.8 3	7000	PASS
NVNT	Band 5	1.4	20643	3	#0	QPSK	23.42	0	21.27	133.9 7	7000	PASS
NVNT	Band 5	1.4	20643	3	#Mid	QPSK	23.47	0	21.32	135.5 2	7000	PASS
NVNT	Band 5	1.4	20643	3	#Max	QPSK	23.42	0	21.27	133.9 7	7000	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	22.43	0	20.28	106.6 6	7000	PASS
NVNT	Band 5	1.4	20643	1	#0	16QAM	22.14	0	19.99	99.77	7000	PASS
NVNT	Band 5	1.4	20643	1	#Mid	16QAM	22.23	0	20.08	101.8 6	7000	PASS
NVNT	Band 5	1.4	20643	1	#Max	16QAM	22.13	0	19.98	99.54	7000	PASS
NVNT	Band 5	1.4	20643	3	#0	16QAM	22.53	0	20.38	109.1 4	7000	PASS
NVNT	Band 5	1.4	20643	3	#Mid	16QAM	22.57	0	20.42	110.15	7000	PASS
NVNT	Band	1.4	20643	3	#Max	16QAM	22.53	0	20.38	109.1	7000	PASS

	5									4		
NVNT	Band 5	1.4	20643	6	#0	16QAM	21.65	0	19.50	89.13	7000	PASS
NVNT	Band 5	3	20415	1	#0	QPSK	23.12	0	20.97	125.0 3	7000	PASS
NVNT	Band 5	3	20415	1	#Mid	QPSK	23.27	0	21.12	129.4 2	7000	PASS
NVNT	Band 5	3	20415	1	#Max	QPSK	23.17	0	21.02	126.4 7	7000	PASS
NVNT	Band 5	3	20415	8	#0	QPSK	22.45	0	20.30	107.1 5	7000	PASS
NVNT	Band 5	3	20415	8	#Mid	QPSK	22.49	0	20.34	108.1 4	7000	PASS
NVNT	Band 5	3	20415	8	#Max	QPSK	22.49	0	20.34	108.1 4	7000	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	22.40	0	20.25	105.9 3	7000	PASS
NVNT	Band 5	3	20415	1	#0	16QAM	22.58	0	20.43	110.41	7000	PASS
NVNT	Band 5	3	20415	1	#Mid	16QAM	22.75	0	20.60	114.82	7000	PASS
NVNT	Band 5	3	20415	1	#Max	16QAM	22.64	0	20.49	111.94	7000	PASS
NVNT	Band 5	3	20415	8	#0	16QAM	21.51	0	19.36	86.30	7000	PASS
NVNT	Band 5	3	20415	8	#Mid	16QAM	21.53	0	19.38	86.70	7000	PASS
NVNT	Band 5	3	20415	8	#Max	16QAM	21.47	0	19.32	85.51	7000	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	21.47	0	19.32	85.51	7000	PASS
NVNT	Band 5	3	20525	1	#0	QPSK	23.17	0	21.02	126.4 7	7000	PASS
NVNT	Band 5	3	20525	1	#Mid	QPSK	23.27	0	21.12	129.4 2	7000	PASS
NVNT	Band 5	3	20525	1	#Max	QPSK	23.19	0	21.04	127.0 6	7000	PASS
NVNT	Band 5	3	20525	8	#0	QPSK	22.36	0	20.21	104.9 5	7000	PASS
NVNT	Band 5	3	20525	8	#Mid	QPSK	22.41	0	20.26	106.1 7	7000	PASS
NVNT	Band 5	3	20525	8	#Max	QPSK	22.46	0	20.31	107.4 0	7000	PASS
NVNT	Band	3	20525	15	#0	QPSK	22.47	0	20.32	107.6	7000	PASS

	5									5		
NVNT	Band 5	3	20525	1	#0	16QAM	22.42	0	20.27	106.4 1	7000	PASS
NVNT	Band 5	3	20525	1	#Mid	16QAM	22.49	0	20.34	108.1 4	7000	PASS
NVNT	Band 5	3	20525	1	#Max	16QAM	22.42	0	20.27	106.4 1	7000	PASS
NVNT	Band 5	3	20525	8	#0	16QAM	21.42	0	19.27	84.53	7000	PASS
NVNT	Band 5	3	20525	8	#Mid	16QAM	21.49	0	19.34	85.90	7000	PASS
NVNT	Band 5	3	20525	8	#Max	16QAM	21.45	0	19.30	85.11	7000	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	21.41	0	19.26	84.33	7000	PASS
NVNT	Band 5	3	20635	1	#0	QPSK	23.16	0	21.01	126.1 8	7000	PASS
NVNT	Band 5	3	20635	1	#Mid	QPSK	23.27	0	21.12	129.4 2	7000	PASS
NVNT	Band 5	3	20635	1	#Max	QPSK	23.21	0	21.06	127.6 4	7000	PASS
NVNT	Band 5	3	20635	8	#0	QPSK	22.37	0	20.22	105.2 0	7000	PASS
NVNT	Band 5	3	20635	8	#Mid	QPSK	22.37	0	20.22	105.2 0	7000	PASS
NVNT	Band 5	3	20635	8	#Max	QPSK	22.34	0	20.19	104.4 7	7000	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	22.39	0	20.24	105.6 8	7000	PASS
NVNT	Band 5	3	20635	1	#0	16QAM	22.06	0	19.91	97.95	7000	PASS
NVNT	Band 5	3	20635	1	#Mid	16QAM	22.13	0	19.98	99.54	7000	PASS
NVNT	Band 5	3	20635	1	#Max	16QAM	21.95	0	19.80	95.50	7000	PASS
NVNT	Band 5	3	20635	8	#0	16QAM	21.38	0	19.23	83.75	7000	PASS
NVNT	Band 5	3	20635	8	#Mid	16QAM	21.41	0	19.26	84.33	7000	PASS
NVNT	Band 5	3	20635	8	#Max	16QAM	21.37	0	19.22	83.56	7000	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	21.50	0	19.35	86.10	7000	PASS
NVNT	Band	5	20425	1	#0	QPSK	23.42	0	21.27	133.9	7000	PASS

	5									7		
NVNT	Band 5	5	20425	1	#Mid	QPSK	23.53	0	21.38	137.4 0	7000	PASS
NVNT	Band 5	5	20425	1	#Max	QPSK	23.43	0	21.28	134.2 8	7000	PASS
NVNT	Band 5	5	20425	12	#0	QPSK	22.45	0	20.30	107.1 5	7000	PASS
NVNT	Band 5	5	20425	12	#Mid	QPSK	22.60	0	20.45	110.92	7000	PASS
NVNT	Band 5	5	20425	12	#Max	QPSK	22.52	0	20.37	108.8 9	7000	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	22.51	0	20.36	108.6 4	7000	PASS
NVNT	Band 5	5	20425	1	#0	16QAM	22.95	0	20.80	120.2 3	7000	PASS
NVNT	Band 5	5	20425	1	#Mid	16QAM	23.10	0	20.95	124.4 5	7000	PASS
NVNT	Band 5	5	20425	1	#Max	16QAM	23.03	0	20.88	122.4 6	7000	PASS
NVNT	Band 5	5	20425	12	#0	16QAM	21.49	0	19.34	85.90	7000	PASS
NVNT	Band 5	5	20425	12	#Mid	16QAM	21.64	0	19.49	88.92	7000	PASS
NVNT	Band 5	5	20425	12	#Max	16QAM	21.55	0	19.40	87.10	7000	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	21.50	0	19.35	86.10	7000	PASS
NVNT	Band 5	5	20525	1	#0	QPSK	23.44	0	21.29	134.5 9	7000	PASS
NVNT	Band 5	5	20525	1	#Mid	QPSK	23.53	0	21.38	137.4 0	7000	PASS
NVNT	Band 5	5	20525	1	#Max	QPSK	23.48	0	21.33	135.8 3	7000	PASS
NVNT	Band 5	5	20525	12	#0	QPSK	22.50	0	20.35	108.3 9	7000	PASS
NVNT	Band 5	5	20525	12	#Mid	QPSK	22.51	0	20.36	108.6 4	7000	PASS
NVNT	Band 5	5	20525	12	#Max	QPSK	22.51	0	20.36	108.6 4	7000	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	22.49	0	20.34	108.1 4	7000	PASS
NVNT	Band 5	5	20525	1	#0	16QAM	22.73	0	20.58	114.29	7000	PASS
NVNT	Band	5	20525	1	#Mid	16QAM	22.86	0	20.71	117.76	7000	PASS

	5											
NVNT	Band 5	5	20525	1	#Max	16QAM	22.76	0	20.61	115.08	7000	PASS
NVNT	Band 5	5	20525	12	#0	16QAM	21.43	0	19.28	84.72	7000	PASS
NVNT	Band 5	5	20525	12	#Mid	16QAM	21.48	0	19.33	85.70	7000	PASS
NVNT	Band 5	5	20525	12	#Max	16QAM	21.45	0	19.30	85.11	7000	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	21.51	0	19.36	86.30	7000	PASS
NVNT	Band 5	5	20625	1	#0	QPSK	23.31	0	21.16	130.6 2	7000	PASS
NVNT	Band 5	5	20625	1	#Mid	QPSK	23.39	0	21.24	133.0 5	7000	PASS
NVNT	Band 5	5	20625	1	#Max	QPSK	23.25	0	21.10	128.8 2	7000	PASS
NVNT	Band 5	5	20625	12	#0	QPSK	22.46	0	20.31	107.4 0	7000	PASS
NVNT	Band 5	5	20625	12	#Mid	QPSK	22.48	0	20.33	107.8 9	7000	PASS
NVNT	Band 5	5	20625	12	#Max	QPSK	22.42	0	20.27	106.4 1	7000	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	22.41	0	20.26	106.1 7	7000	PASS
NVNT	Band 5	5	20625	1	#0	16QAM	22.65	0	20.50	112.20	7000	PASS
NVNT	Band 5	5	20625	1	#Mid	16QAM	22.79	0	20.64	115.88	7000	PASS
NVNT	Band 5	5	20625	1	#Max	16QAM	22.59	0	20.44	110.66	7000	PASS
NVNT	Band 5	5	20625	12	#0	16QAM	21.49	0	19.34	85.90	7000	PASS
NVNT	Band 5	5	20625	12	#Mid	16QAM	21.53	0	19.38	86.70	7000	PASS
NVNT	Band 5	5	20625	12	#Max	16QAM	21.48	0	19.33	85.70	7000	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	21.41	0	19.26	84.33	7000	PASS
NVNT	Band 5	10	20450	1	#0	QPSK	23.43	0	21.28	134.2 8	7000	PASS
NVNT	Band 5	10	20450	1	#Mid	QPSK	23.53	0	21.38	137.4 0	7000	PASS
NVNT	Band	10	20450	1	#Max	QPSK	23.46	0	21.31	135.2	7000	PASS

	5									1		
NVNT	Band 5	10	20450	25	#0	QPSK	22.47	0	20.32	107.6 5	7000	PASS
NVNT	Band 5	10	20450	25	#Mid	QPSK	22.51	0	20.36	108.6 4	7000	PASS
NVNT	Band 5	10	20450	25	#Max	QPSK	22.50	0	20.35	108.3 9	7000	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	22.49	0	20.34	108.1 4	7000	PASS
NVNT	Band 5	10	20450	1	#0	16QAM	22.87	0	20.72	118.03	7000	PASS
NVNT	Band 5	10	20450	1	#Mid	16QAM	22.97	0	20.82	120.7 8	7000	PASS
NVNT	Band 5	10	20450	1	#Max	16QAM	22.92	0	20.77	119.40	7000	PASS
NVNT	Band 5	10	20450	25	#0	16QAM	21.58	0	19.43	87.70	7000	PASS
NVNT	Band 5	10	20450	25	#Mid	16QAM	21.64	0	19.49	88.92	7000	PASS
NVNT	Band 5	10	20450	25	#Max	16QAM	21.59	0	19.44	87.90	7000	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	21.53	0	19.38	86.70	7000	PASS
NVNT	Band 5	10	20525	1	#0	QPSK	23.53	0	21.38	137.4 0	7000	PASS
NVNT	Band 5	10	20525	1	#Mid	QPSK	23.57	0	21.42	138.6 8	7000	PASS
NVNT	Band 5	10	20525	1	#Max	QPSK	23.52	0	21.37	137.0 9	7000	PASS
NVNT	Band 5	10	20525	25	#0	QPSK	22.52	0	20.37	108.8 9	7000	PASS
NVNT	Band 5	10	20525	25	#Mid	QPSK	22.52	0	20.37	108.8 9	7000	PASS
NVNT	Band 5	10	20525	25	#Max	QPSK	22.47	0	20.32	107.6 5	7000	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	22.50	0	20.35	108.3 9	7000	PASS
NVNT	Band 5	10	20525	1	#0	16QAM	22.68	0	20.53	112.98	7000	PASS
NVNT	Band 5	10	20525	1	#Mid	16QAM	22.73	0	20.58	114.29	7000	PASS
NVNT	Band 5	10	20525	1	#Max	16QAM	22.63	0	20.48	111.69	7000	PASS
NVNT	Band	10	20525	25	#0	16QAM	21.50	0	19.35	86.10	7000	PASS

	5											
NVNT	Band 5	10	20525	25	#Mid	16QAM	21.57	0	19.42	87.50	7000	PASS
NVNT	Band 5	10	20525	25	#Max	16QAM	21.50	0	19.35	86.10	7000	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	21.50	0	19.35	86.10	7000	PASS
NVNT	Band 5	10	20600	1	#0	QPSK	23.55	0	21.40	138.0 4	7000	PASS
NVNT	Band 5	10	20600	1	#Mid	QPSK	23.60	0	21.45	139.6 4	7000	PASS
NVNT	Band 5	10	20600	1	#Max	QPSK	23.49	0	21.34	136.1 4	7000	PASS
NVNT	Band 5	10	20600	25	#0	QPSK	22.54	0	20.39	109.4 0	7000	PASS
NVNT	Band 5	10	20600	25	#Mid	QPSK	22.46	0	20.31	107.4 0	7000	PASS
NVNT	Band 5	10	20600	25	#Max	QPSK	22.43	0	20.28	106.6 6	7000	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	22.49	0	20.34	108.1 4	7000	PASS
NVNT	Band 5	10	20600	1	#0	16QAM	22.31	0	20.16	103.7 5	7000	PASS
NVNT	Band 5	10	20600	1	#Mid	16QAM	22.35	0	20.20	104.7 1	7000	PASS
NVNT	Band 5	10	20600	1	#Max	16QAM	22.30	0	20.15	103.5 1	7000	PASS
NVNT	Band 5	10	20600	25	#0	16QAM	21.58	0	19.43	87.70	7000	PASS
NVNT	Band 5	10	20600	25	#Mid	16QAM	21.52	0	19.37	86.50	7000	PASS
NVNT	Band 5	10	20600	25	#Max	16QAM	21.44	0	19.29	84.92	7000	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	21.49	0	19.34	85.90	7000	PASS

01 Conducted output power (EIRP)

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	EIRP Limit (mW)	Verdict
NVNT	Band4 1	5	39675	1	#0	QPSK	19.56	-1.3 1	18.25	66.83	2000	PASS
NVNT	Band4 1	5	39675	1	#Mid	QPSK	19.90	-1.3 1	18.59	72.28	2000	PASS
NVNT	Band4 1	5	39675	1	#Max	QPSK	19.97	-1.3 1	18.66	73.45	2000	PASS
NVNT	Band4 1	5	39675	12	#0	QPSK	19.65	-1.3 1	18.34	68.23	2000	PASS
NVNT	Band4 1	5	39675	12	#Mid	QPSK	19.80	-1.3 1	18.49	70.63	2000	PASS
NVNT	Band4 1	5	39675	12	#Max	QPSK	19.86	-1.3 1	18.55	71.61	2000	PASS
NVNT	Band4 1	5	39675	25	#0	QPSK	19.76	-1.3 1	18.45	69.98	2000	PASS
NVNT	Band4 1	5	39675	1	#0	16QAM	20.05	-1.3 1	18.74	74.82	2000	PASS
NVNT	Band4 1	5	39675	1	#Mid	16QAM	20.45	-1.3 1	19.14	82.04	2000	PASS
NVNT	Band4 1	5	39675	1	#Max	16QAM	20.50	-1.3 1	19.19	82.99	2000	PASS
NVNT	Band4 1	5	39675	12	#0	16QAM	19.57	-1.3 1	18.26	66.99	2000	PASS
NVNT	Band4 1	5	39675	12	#Mid	16QAM	19.75	-1.3 1	18.44	69.82	2000	PASS
NVNT	Band4 1	5	39675	12	#Max	16QAM	19.81	-1.3 1	18.50	70.79	2000	PASS
NVNT	Band4 1	5	39675	25	#0	16QAM	19.69	-1.3 1	18.38	68.87	2000	PASS
NVNT	Band4 1	5	40620	1	#0	QPSK	21.89	-1.3 1	20.58	114.2 9	2000	PASS
NVNT	Band4 1	5	40620	1	#Mid	QPSK	21.97	-1.3 1	20.66	116.4 1	2000	PASS
NVNT	Band4 1	5	40620	1	#Max	QPSK	21.88	-1.3 1	20.57	114.0 2	2000	PASS
NVNT	Band4 1	5	40620	12	#0	QPSK	20.86	-1.3 1	19.55	90.16	2000	PASS
NVNT	Band4 1	5	40620	12	#Mid	QPSK	20.92	-1.3 1	19.61	91.41	2000	PASS

NVNT	Band4 1	5	40620	12	#Max	QPSK	20.89	-1.3 1	19.58	90.78	2000	PASS
NVNT	Band4 1	5	40620	25	#0	QPSK	20.87	-1.3 1	19.56	90.36	2000	PASS
NVNT	Band4 1	5	40620	1	#0	16QAM	21.17	-1.3 1	19.86	96.83	2000	PASS
NVNT	Band4 1	5	40620	1	#Mid	16QAM	21.24	-1.3 1	19.93	98.40	2000	PASS
NVNT	Band4 1	5	40620	1	#Max	16QAM	21.14	-1.3 1	19.83	96.16	2000	PASS
NVNT	Band4 1	5	40620	12	#0	16QAM	19.84	-1.3 1	18.53	71.29	2000	PASS
NVNT	Band4 1	5	40620	12	#Mid	16QAM	19.87	-1.3 1	18.56	71.78	2000	PASS
NVNT	Band4 1	5	40620	12	#Max	16QAM	19.84	-1.3 1	18.53	71.29	2000	PASS
NVNT	Band4 1	5	40620	25	#0	16QAM	19.92	-1.3 1	18.61	72.61	2000	PASS
NVNT	Band4 1	5	41565	1	#0	QPSK	21.42	-1.3 1	20.11	102.5 7	2000	PASS
NVNT	Band4 1	5	41565	1	#Mid	QPSK	21.52	-1.3 1	20.21	104.9 5	2000	PASS
NVNT	Band4 1	5	41565	1	#Max	QPSK	21.41	-1.3 1	20.10	102.3 3	2000	PASS
NVNT	Band4 1	5	41565	12	#0	QPSK	20.52	-1.3 1	19.21	83.37	2000	PASS
NVNT	Band4 1	5	41565	12	#Mid	QPSK	20.54	-1.3 1	19.23	83.75	2000	PASS
NVNT	Band4 1	5	41565	12	#Max	QPSK	20.49	-1.3 1	19.18	82.79	2000	PASS
NVNT	Band4 1	5	41565	25	#0	QPSK	20.50	-1.3 1	19.19	82.99	2000	PASS
NVNT	Band4 1	5	41565	1	#0	16QAM	20.74	-1.3 1	19.43	87.70	2000	PASS
NVNT	Band4 1	5	41565	1	#Mid	16QAM	20.86	-1.3 1	19.55	90.16	2000	PASS
NVNT	Band4 1	5	41565	1	#Max	16QAM	20.75	-1.3 1	19.44	87.90	2000	PASS
NVNT	Band4 1	5	41565	12	#0	16QAM	19.54	-1.3 1	18.23	66.53	2000	PASS
NVNT	Band4 1	5	41565	12	#Mid	16QAM	19.57	-1.3 1	18.26	66.99	2000	PASS
NVNT	Band4 1	5	41565	12	#Max	16QAM	19.52	-1.3 1	18.21	66.22	2000	PASS

NVNT	Band4 1	5	41565	25	#0	16QAM	19.48	-1.3 1	18.17	65.61	2000	PASS
NVNT	Band4 1	10	39700	1	#0	QPSK	19.40	-1.3 1	18.09	64.42	2000	PASS
NVNT	Band4 1	10	39700	1	#Mid	QPSK	20.06	-1.3 1	18.75	74.99	2000	PASS
NVNT	Band4 1	10	39700	1	#Max	QPSK	20.38	-1.3 1	19.07	80.72	2000	PASS
NVNT	Band4 1	10	39700	25	#0	QPSK	19.73	-1.3 1	18.42	69.50	2000	PASS
NVNT	Band4 1	10	39700	25	#Mid	QPSK	20.03	-1.3 1	18.72	74.47	2000	PASS
NVNT	Band4 1	10	39700	25	#Max	QPSK	20.26	-1.3 1	18.95	78.52	2000	PASS
NVNT	Band4 1	10	39700	50	#0	QPSK	20.03	-1.3 1	18.72	74.47	2000	PASS
NVNT	Band4 1	10	39700	1	#0	16QAM	19.85	-1.3 1	18.54	71.45	2000	PASS
NVNT	Band4 1	10	39700	1	#Mid	16QAM	20.50	-1.3 1	19.19	82.99	2000	PASS
NVNT	Band4 1	10	39700	1	#Max	16QAM	20.83	-1.3 1	19.52	89.54	2000	PASS
NVNT	Band4 1	10	39700	25	#0	16QAM	19.75	-1.3 1	18.44	69.82	2000	PASS
NVNT	Band4 1	10	39700	25	#Mid	16QAM	20.05	-1.3 1	18.74	74.82	2000	PASS
NVNT	Band4 1	10	39700	25	#Max	16QAM	20.26	-1.3 1	18.95	78.52	2000	PASS
NVNT	Band4 1	10	39700	50	#0	16QAM	20.00	-1.3 1	18.69	73.96	2000	PASS
NVNT	Band4 1	10	40620	1	#0	QPSK	21.94	-1.3 1	20.63	115.6 1	2000	PASS
NVNT	Band4 1	10	40620	1	#Mid	QPSK	22.00	-1.3 1	20.69	117.2 2	2000	PASS
NVNT	Band4 1	10	40620	1	#Max	QPSK	21.88	-1.3 1	20.57	114.0 2	2000	PASS
NVNT	Band4 1	10	40620	25	#0	QPSK	20.85	-1.3 1	19.54	89.95	2000	PASS
NVNT	Band4 1	10	40620	25	#Mid	QPSK	20.91	-1.3 1	19.60	91.20	2000	PASS
NVNT	Band4 1	10	40620	25	#Max	QPSK	20.91	-1.3 1	19.60	91.20	2000	PASS
NVNT	Band4 1	10	40620	50	#0	QPSK	20.86	-1.3 1	19.55	90.16	2000	PASS

NVNT	Band4 1	10	40620	1	#0	16QAM	21.03	-1.3 1	19.72	93.76	2000	PASS
NVNT	Band4 1	10	40620	1	#Mid	16QAM	21.10	-1.3 1	19.79	95.28	2000	PASS
NVNT	Band4 1	10	40620	1	#Max	16QAM	21.00	-1.3 1	19.69	93.11	2000	PASS
NVNT	Band4 1	10	40620	25	#0	16QAM	19.87	-1.3 1	18.56	71.78	2000	PASS
NVNT	Band4 1	10	40620	25	#Mid	16QAM	19.96	-1.3 1	18.65	73.28	2000	PASS
NVNT	Band4 1	10	40620	25	#Max	16QAM	19.94	-1.3 1	18.63	72.95	2000	PASS
NVNT	Band4 1	10	40620	50	#0	16QAM	19.92	-1.3 1	18.61	72.61	2000	PASS
NVNT	Band4 1	10	41540	1	#0	QPSK	21.57	-1.3 1	20.26	106.1 7	2000	PASS
NVNT	Band4 1	10	41540	1	#Mid	QPSK	21.60	-1.3 1	20.29	106.9 1	2000	PASS
NVNT	Band4 1	10	41540	1	#Max	QPSK	21.56	-1.3 1	20.25	105.9 3	2000	PASS
NVNT	Band4 1	10	41540	25	#0	QPSK	20.54	-1.3 1	19.23	83.75	2000	PASS
NVNT	Band4 1	10	41540	25	#Mid	QPSK	20.56	-1.3 1	19.25	84.14	2000	PASS
NVNT	Band4 1	10	41540	25	#Max	QPSK	20.51	-1.3 1	19.20	83.18	2000	PASS
NVNT	Band4 1	10	41540	50	#0	QPSK	20.54	-1.3 1	19.23	83.75	2000	PASS
NVNT	Band4 1	10	41540	1	#0	16QAM	20.52	-1.3 1	19.21	83.37	2000	PASS
NVNT	Band4 1	10	41540	1	#Mid	16QAM	20.53	-1.3 1	19.22	83.56	2000	PASS
NVNT	Band4 1	10	41540	1	#Max	16QAM	20.49	-1.3 1	19.18	82.79	2000	PASS
NVNT	Band4 1	10	41540	25	#0	16QAM	19.56	-1.3 1	18.25	66.83	2000	PASS
NVNT	Band4 1	10	41540	25	#Mid	16QAM	19.57	-1.3 1	18.26	66.99	2000	PASS
NVNT	Band4 1	10	41540	25	#Max	16QAM	19.55	-1.3 1	18.24	66.68	2000	PASS
NVNT	Band4 1	10	41540	50	#0	16QAM	19.50	-1.3 1	18.19	65.92	2000	PASS
NVNT	Band4 1	15	39725	1	#0	QPSK	19.36	-1.3 1	18.05	63.83	2000	PASS

NVNT	Band4 1	15	39725	1	#Mid	QPSK	20.27	-1.3 1	18.96	78.70	2000	PASS
NVNT	Band4 1	15	39725	1	#Max	QPSK	20.86	-1.3 1	19.55	90.16	2000	PASS
NVNT	Band4 1	15	39725	36	#0	QPSK	19.80	-1.3 1	18.49	70.63	2000	PASS
NVNT	Band4 1	15	39725	36	#Mid	QPSK	20.25	-1.3 1	18.94	78.34	2000	PASS
NVNT	Band4 1	15	39725	36	#Max	QPSK	20.64	-1.3 1	19.33	85.70	2000	PASS
NVNT	Band4 1	15	39725	75	#0	QPSK	20.27	-1.3 1	18.96	78.70	2000	PASS
NVNT	Band4 1	15	39725	1	#0	16QAM	19.81	-1.3 1	18.50	70.79	2000	PASS
NVNT	Band4 1	15	39725	1	#Mid	16QAM	20.70	-1.3 1	19.39	86.90	2000	PASS
NVNT	Band4 1	15	39725	1	#Max	16QAM	21.31	-1.3 1	20.00	100.0 0	2000	PASS
NVNT	Band4 1	15	39725	36	#0	16QAM	19.83	-1.3 1	18.52	71.12	2000	PASS
NVNT	Band4 1	15	39725	36	#Mid	16QAM	20.27	-1.3 1	18.96	78.70	2000	PASS
NVNT	Band4 1	15	39725	36	#Max	16QAM	20.65	-1.3 1	19.34	85.90	2000	PASS
NVNT	Band4 1	15	39725	75	#0	16QAM	20.23	-1.3 1	18.92	77.98	2000	PASS
NVNT	Band4 1	15	40620	1	#0	QPSK	21.90	-1.3 1	20.59	114.5 5	2000	PASS
NVNT	Band4 1	15	40620	1	#Mid	QPSK	21.98	-1.3 1	20.67	116.6 8	2000	PASS
NVNT	Band4 1	15	40620	1	#Max	QPSK	21.83	-1.3 1	20.52	112.7 2	2000	PASS
NVNT	Band4 1	15	40620	36	#0	QPSK	20.83	-1.3 1	19.52	89.54	2000	PASS
NVNT	Band4 1	15	40620	36	#Mid	QPSK	20.90	-1.3 1	19.59	90.99	2000	PASS
NVNT	Band4 1	15	40620	36	#Max	QPSK	20.88	-1.3 1	19.57	90.57	2000	PASS
NVNT	Band4 1	15	40620	75	#0	QPSK	20.86	-1.3 1	19.55	90.16	2000	PASS
NVNT	Band4 1	15	40620	1	#0	16QAM	20.98	-1.3 1	19.67	92.68	2000	PASS
NVNT	Band4 1	15	40620	1	#Mid	16QAM	21.05	-1.3 1	19.74	94.19	2000	PASS

NVNT	Band4 1	15	40620	1	#Max	16QAM	20.90	-1.3 1	19.59	90.99	2000	PASS
NVNT	Band4 1	15	40620	36	#0	16QAM	19.91	-1.3 1	18.60	72.44	2000	PASS
NVNT	Band4 1	15	40620	36	#Mid	16QAM	19.97	-1.3 1	18.66	73.45	2000	PASS
NVNT	Band4 1	15	40620	36	#Max	16QAM	19.95	-1.3 1	18.64	73.11	2000	PASS
NVNT	Band4 1	15	40620	75	#0	16QAM	19.86	-1.3 1	18.55	71.61	2000	PASS
NVNT	Band4 1	15	41515	1	#0	QPSK	21.52	-1.3 1	20.21	104.9 5	2000	PASS
NVNT	Band4 1	15	41515	1	#Mid	QPSK	21.59	-1.3 1	20.28	106.6 6	2000	PASS
NVNT	Band4 1	15	41515	1	#Max	QPSK	21.52	-1.3 1	20.21	104.9 5	2000	PASS
NVNT	Band4 1	15	41515	36	#0	QPSK	20.46	-1.3 1	19.15	82.22	2000	PASS
NVNT	Band4 1	15	41515	36	#Mid	QPSK	20.51	-1.3 1	19.20	83.18	2000	PASS
NVNT	Band4 1	15	41515	36	#Max	QPSK	20.48	-1.3 1	19.17	82.60	2000	PASS
NVNT	Band4 1	15	41515	75	#0	QPSK	20.52	-1.3 1	19.21	83.37	2000	PASS
NVNT	Band4 1	15	41515	1	#0	16QAM	20.69	-1.3 1	19.38	86.70	2000	PASS
NVNT	Band4 1	15	41515	1	#Mid	16QAM	20.74	-1.3 1	19.43	87.70	2000	PASS
NVNT	Band4 1	15	41515	1	#Max	16QAM	20.65	-1.3 1	19.34	85.90	2000	PASS
NVNT	Band4 1	15	41515	36	#0	16QAM	19.48	-1.3 1	18.17	65.61	2000	PASS
NVNT	Band4 1	15	41515	36	#Mid	16QAM	19.51	-1.3 1	18.20	66.07	2000	PASS
NVNT	Band4 1	15	41515	36	#Max	16QAM	19.45	-1.3 1	18.14	65.16	2000	PASS
NVNT	Band4 1	15	41515	75	#0	16QAM	19.52	-1.3 1	18.21	66.22	2000	PASS
NVNT	Band4 1	20	39750	1	#0	QPSK	19.18	-1.3 1	17.87	61.24	2000	PASS
NVNT	Band4 1	20	39750	1	#Mid	QPSK	20.53	-1.3 1	19.22	83.56	2000	PASS
NVNT	Band4 1	20	39750	1	#Max	QPSK	21.13	-1.3 1	19.82	95.94	2000	PASS

NVNT	Band4 1	20	39750	50	#0	QPSK	19.98	-1.3 1	18.67	73.62	2000	PASS
NVNT	Band4 1	20	39750	50	#Mid	QPSK	20.62	-1.3 1	19.31	85.31	2000	PASS
NVNT	Band4 1	20	39750	50	#Max	QPSK	21.06	-1.3 1	19.75	94.41	2000	PASS
NVNT	Band4 1	20	39750	100	#0	QPSK	20.55	-1.3 1	19.24	83.95	2000	PASS
NVNT	Band4 1	20	39750	1	#0	16QAM	19.45	-1.3 1	18.14	65.16	2000	PASS
NVNT	Band4 1	20	39750	1	#Mid	16QAM	20.82	-1.3 1	19.51	89.33	2000	PASS
NVNT	Band4 1	20	39750	1	#Max	16QAM	21.40	-1.3 1	20.09	102.0 9	2000	PASS
NVNT	Band4 1	20	39750	50	#0	16QAM	20.03	-1.3 1	18.72	74.47	2000	PASS
NVNT	Band4 1	20	39750	50	#Mid	16QAM	20.64	-1.3 1	19.33	85.70	2000	PASS
NVNT	Band4 1	20	39750	50	#Max	16QAM	21.07	-1.3 1	19.76	94.62	2000	PASS
NVNT	Band4 1	20	39750	100	#0	16QAM	20.54	-1.3 1	19.23	83.75	2000	PASS
NVNT	Band4 1	20	40620	1	#0	QPSK	21.82	-1.3 1	20.51	112.4 6	2000	PASS
NVNT	Band4 1	20	40620	1	#Mid	QPSK	22.02	-1.3 1	20.71	117.7 6	2000	PASS
NVNT	Band4 1	20	40620	1	#Max	QPSK	21.80	-1.3 1	20.49	111.94	2000	PASS
NVNT	Band4 1	20	40620	50	#0	QPSK	20.82	-1.3 1	19.51	89.33	2000	PASS
NVNT	Band4 1	20	40620	50	#Mid	QPSK	20.88	-1.3 1	19.57	90.57	2000	PASS
NVNT	Band4 1	20	40620	50	#Max	QPSK	20.93	-1.3 1	19.62	91.62	2000	PASS
NVNT	Band4 1	20	40620	100	#0	QPSK	20.81	-1.3 1	19.50	89.13	2000	PASS
NVNT	Band4 1	20	40620	1	#0	16QAM	21.00	-1.3 1	19.69	93.11	2000	PASS
NVNT	Band4 1	20	40620	1	#Mid	16QAM	21.19	-1.3 1	19.88	97.27	2000	PASS
NVNT	Band4 1	20	40620	1	#Max	16QAM	20.94	-1.3 1	19.63	91.83	2000	PASS
NVNT	Band4 1	20	40620	50	#0	16QAM	19.78	-1.3 1	18.47	70.31	2000	PASS

NVNT	Band4 1	20	40620	50	#Mid	16QAM	19.89	-1.3 1	18.58	72.11	2000	PASS
NVNT	Band4 1	20	40620	50	#Max	16QAM	19.91	-1.3 1	18.60	72.44	2000	PASS
NVNT	Band4 1	20	40620	100	#0	16QAM	19.83	-1.3 1	18.52	71.12	2000	PASS
NVNT	Band4 1	20	41490	1	#0	QPSK	21.47	-1.3 1	20.16	103.7 5	2000	PASS
NVNT	Band4 1	20	41490	1	#Mid	QPSK	21.60	-1.3 1	20.29	106.9 1	2000	PASS
NVNT	Band4 1	20	41490	1	#Max	QPSK	21.43	-1.3 1	20.12	102.8 0	2000	PASS
NVNT	Band4 1	20	41490	50	#0	QPSK	20.48	-1.3 1	19.17	82.60	2000	PASS
NVNT	Band4 1	20	41490	50	#Mid	QPSK	20.57	-1.3 1	19.26	84.33	2000	PASS
NVNT	Band4 1	20	41490	50	#Max	QPSK	20.47	-1.3 1	19.16	82.41	2000	PASS
NVNT	Band4 1	20	41490	100	#0	QPSK	20.48	-1.3 1	19.17	82.60	2000	PASS
NVNT	Band4 1	20	41490	1	#0	16QAM	20.57	-1.3 1	19.26	84.33	2000	PASS
NVNT	Band4 1	20	41490	1	#Mid	16QAM	20.74	-1.3 1	19.43	87.70	2000	PASS
NVNT	Band4 1	20	41490	1	#Max	16QAM	20.57	-1.3 1	19.26	84.33	2000	PASS
NVNT	Band4 1	20	41490	50	#0	16QAM	19.53	-1.3 1	18.22	66.37	2000	PASS
NVNT	Band4 1	20	41490	50	#Mid	16QAM	19.61	-1.3 1	18.30	67.61	2000	PASS
NVNT	Band4 1	20	41490	50	#Max	16QAM	19.51	-1.3 1	18.20	66.07	2000	PASS
NVNT	Band4 1	20	41490	100	#0	16QAM	19.46	-1.3 1	18.15	65.31	2000	PASS

02 Frequency stability

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
NVNT	Band5	10	20450	50	#0	QPSK	-2.68	-0.003	-2.5	2.5	PASS
NVNT	Band5	10	20450	50	#0	16QAM	-3.40	-0.004	-2.5	2.5	PASS
NVNT	Band5	10	20525	50	#0	QPSK	-3.60	-0.004	-2.5	2.5	PASS
NVNT	Band5	10	20525	50	#0	16QAM	-3.25	-0.004	-2.5	2.5	PASS
NVNT	Band5	10	20600	50	#0	QPSK	-3.99	-0.005	-2.5	2.5	PASS
NVNT	Band5	10	20600	50	#0	16QAM	-2.99	-0.004	-2.5	2.5	PASS
NVNT	Band4 1	20	39750	100	#0	QPSK	-3.29	-0.001	-2.5	2.5	PASS
NVNT	Band4 1	20	39750	100	#0	16QAM	-6.64	-0.003	-2.5	2.5	PASS
NVNT	Band4 1	20	40620	100	#0	QPSK	-1.03	0.000	-2.5	2.5	PASS
NVNT	Band4 1	20	40620	100	#0	16QAM	-3.69	-0.001	-2.5	2.5	PASS
NVNT	Band4 1	20	41490	100	#0	QPSK	-0.47	0.000	-2.5	2.5	PASS
NVNT	Band4 1	20	41490	100	#0	16QAM	0.11	0.000	-2.5	2.5	PASS
LVLT	Band5	10	20450	50	#0	QPSK	0.19	0.000	-2.5	2.5	PASS
LVLT	Band5	10	20450	50	#0	16QAM	-2.59	-0.003	-2.5	2.5	PASS
LVLT	Band5	10	20525	50	#0	QPSK	-4.25	-0.005	-2.5	2.5	PASS
LVLT	Band5	10	20525	50	#0	16QAM	-1.60	-0.002	-2.5	2.5	PASS
LVLT	Band5	10	20600	50	#0	QPSK	-4.58	-0.005	-2.5	2.5	PASS
LVLT	Band5	10	20600	50	#0	16QAM	-6.09	-0.007	-2.5	2.5	PASS
LVLT	Band4 1	20	39750	100	#0	QPSK	-1.57	-0.001	-2.5	2.5	PASS
LVLT	Band4 1	20	39750	100	#0	16QAM	-0.79	0.000	-2.5	2.5	PASS
LVLT	Band4 1	20	40620	100	#0	QPSK	-5.15	-0.002	-2.5	2.5	PASS
LVLT	Band4 1	20	40620	100	#0	16QAM	-1.95	-0.001	-2.5	2.5	PASS
LVLT	Band4 1	20	41490	100	#0	QPSK	-3.42	-0.001	-2.5	2.5	PASS
LVLT	Band4 1	20	41490	100	#0	16QAM	-0.67	0.000	-2.5	2.5	PASS
LVHT	Band5	10	20450	50	#0	QPSK	-0.70	-0.001	-2.5	2.5	PASS
LVHT	Band5	10	20450	50	#0	16QAM	0.27	0.000	-2.5	2.5	PASS
LVHT	Band5	10	20525	50	#0	QPSK	-2.25	-0.003	-2.5	2.5	PASS

LVHT	Band5	10	20525	50	#0	16QAM	-0.40	0.000	-2.5	2.5	PASS
LVHT	Band5	10	20600	50	#0	QPSK	-1.23	-0.001	-2.5	2.5	PASS
LVHT	Band5	10	20600	50	#0	16QAM	-2.57	-0.003	-2.5	2.5	PASS
LVHT	Band4 1	20	39750	100	#0	QPSK	-1.43	-0.001	-2.5	2.5	PASS
LVHT	Band4 1	20	39750	100	#0	16QAM	-1.80	-0.001	-2.5	2.5	PASS
LVHT	Band4 1	20	40620	100	#0	QPSK	-5.32	-0.002	-2.5	2.5	PASS
LVHT	Band4 1	20	40620	100	#0	16QAM	0.46	0.000	-2.5	2.5	PASS
LVHT	Band4 1	20	41490	100	#0	QPSK	-2.66	-0.001	-2.5	2.5	PASS
LVHT	Band4 1	20	41490	100	#0	16QAM	-1.23	0.000	-2.5	2.5	PASS
HVLT	Band5	10	20450	50	#0	QPSK	-1.16	-0.001	-2.5	2.5	PASS
HVLT	Band5	10	20450	50	#0	16QAM	-2.52	-0.003	-2.5	2.5	PASS
HVLT	Band5	10	20525	50	#0	QPSK	-0.43	-0.001	-2.5	2.5	PASS
HVLT	Band5	10	20525	50	#0	16QAM	-1.93	-0.002	-2.5	2.5	PASS
HVLT	Band5	10	20600	50	#0	QPSK	-4.91	-0.006	-2.5	2.5	PASS
HVLT	Band5	10	20600	50	#0	16QAM	-3.38	-0.004	-2.5	2.5	PASS
HVLT	Band4 1	20	39750	100	#0	QPSK	-1.49	-0.001	-2.5	2.5	PASS
HVLT	Band4 1	20	39750	100	#0	16QAM	0.40	0.000	-2.5	2.5	PASS
HVLT	Band4 1	20	40620	100	#0	QPSK	-2.76	-0.001	-2.5	2.5	PASS
HVLT	Band4 1	20	40620	100	#0	16QAM	-2.72	-0.001	-2.5	2.5	PASS
HVLT	Band4 1	20	41490	100	#0	QPSK	0.97	0.000	-2.5	2.5	PASS
HVLT	Band4 1	20	41490	100	#0	16QAM	-1.26	0.000	-2.5	2.5	PASS
HVHT	Band5	10	20450	50	#0	QPSK	-3.15	-0.004	-2.5	2.5	PASS
HVHT	Band5	10	20450	50	#0	16QAM	-2.56	-0.003	-2.5	2.5	PASS
HVHT	Band5	10	20525	50	#0	QPSK	-2.37	-0.003	-2.5	2.5	PASS
HVHT	Band5	10	20525	50	#0	16QAM	-2.35	-0.003	-2.5	2.5	PASS
HVHT	Band5	10	20600	50	#0	QPSK	-1.66	-0.002	-2.5	2.5	PASS
HVHT	Band5	10	20600	50	#0	16QAM	-1.59	-0.002	-2.5	2.5	PASS
HVHT	Band4 1	20	39750	100	#0	QPSK	-0.11	0.000	-2.5	2.5	PASS
HVHT	Band4 1	20	39750	100	#0	16QAM	-3.06	-0.001	-2.5	2.5	PASS
HVHT	Band4	20	40620	100	#0	QPSK	-2.16	-0.001	-2.5	2.5	PASS

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HVHT	Band4 1	20	40620	100	#0	16QAM	-2.40	-0.001	-2.5	2.5	PASS
HVHT	Band4 1	20	41490	100	#0	QPSK	-1.33	0.000	-2.5	2.5	PASS
HVHT	Band4 1	20	41490	100	#0	16QAM	0.16	0.000	-2.5	2.5	PASS