

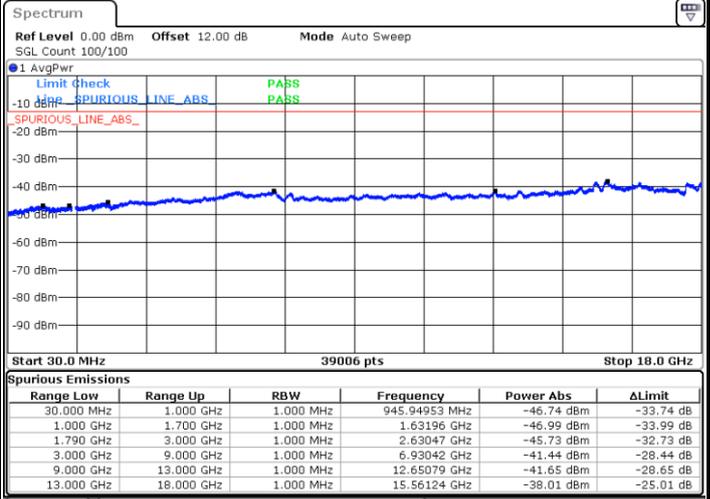
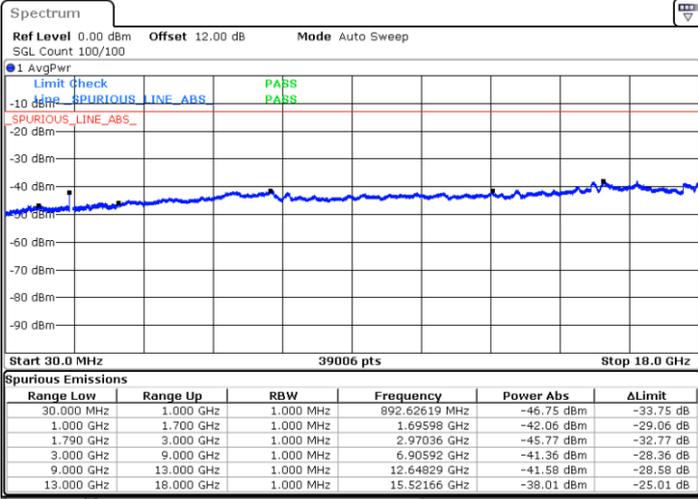


LTE Band 66C / 20MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Date: 31.OCT.2021 05:20:59

Date: 31.OCT.2021 05:20:06

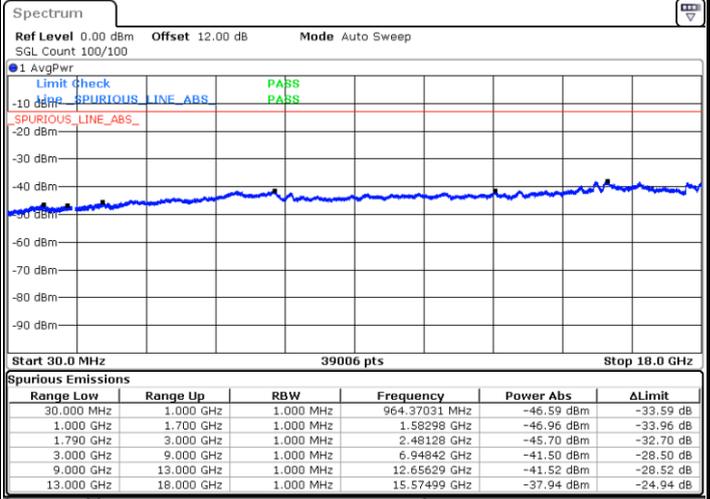
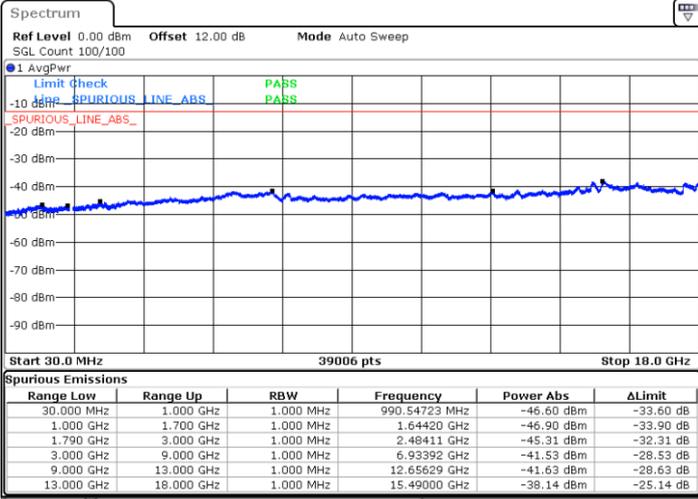


LTE Band 66C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0

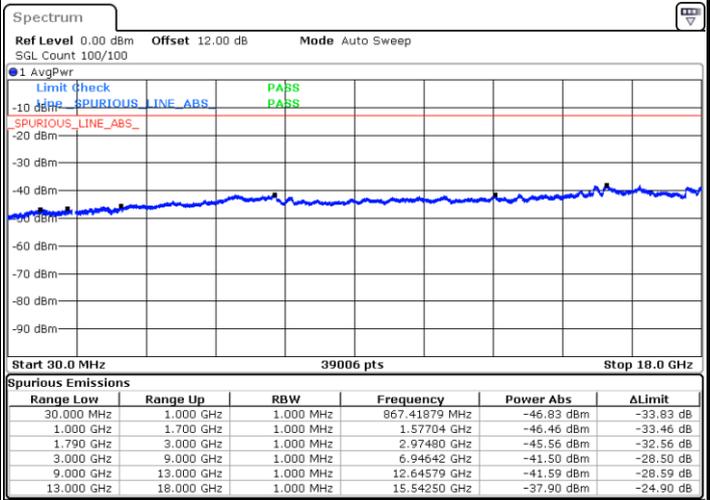
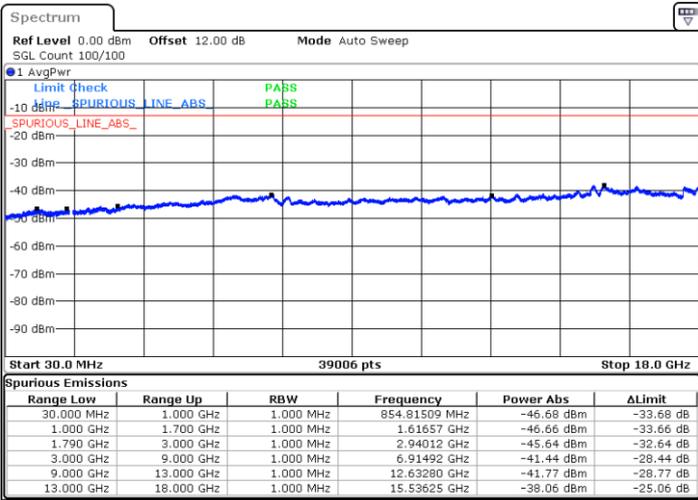


Date: 31.OCT.2021 06:43:17

Date: 31.OCT.2021 06:42:24

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 31.OCT.2021 06:52:20

Date: 31.OCT.2021 06:53:13

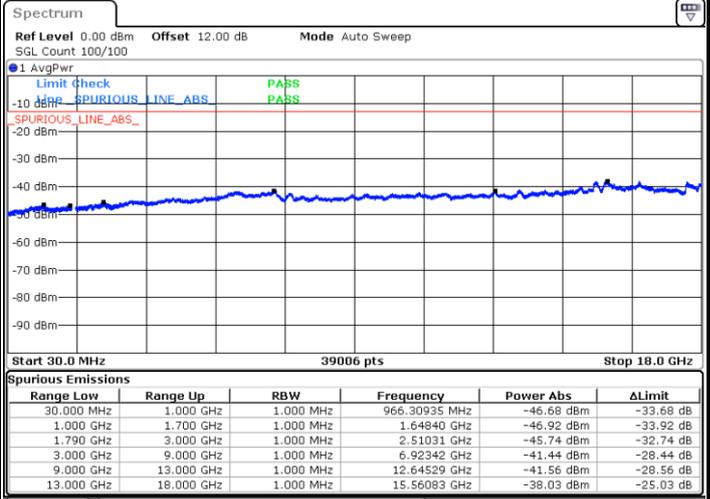
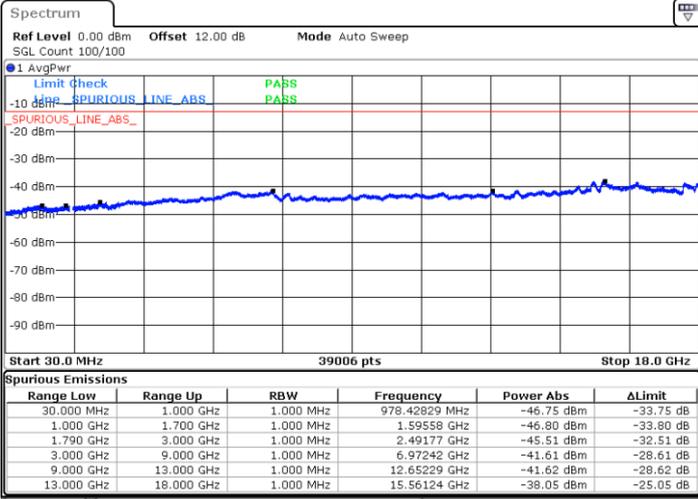


LTE Band 66C / 20MHz+15MHz

QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 31.OCT.2021 07:16:00

Date: 31.OCT.2021 07:15:02

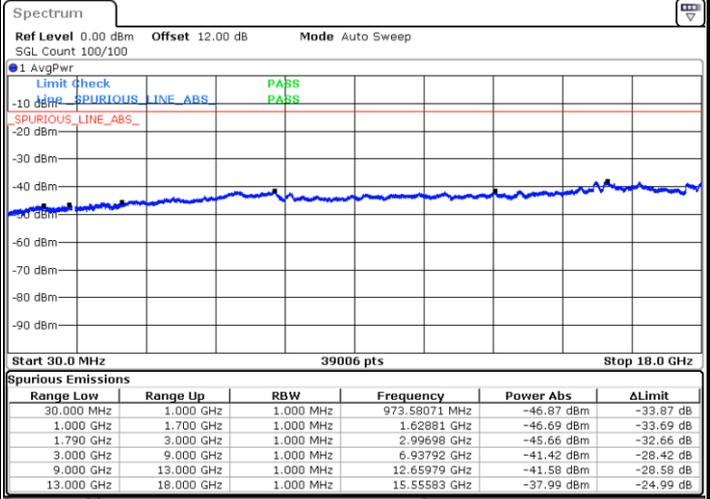
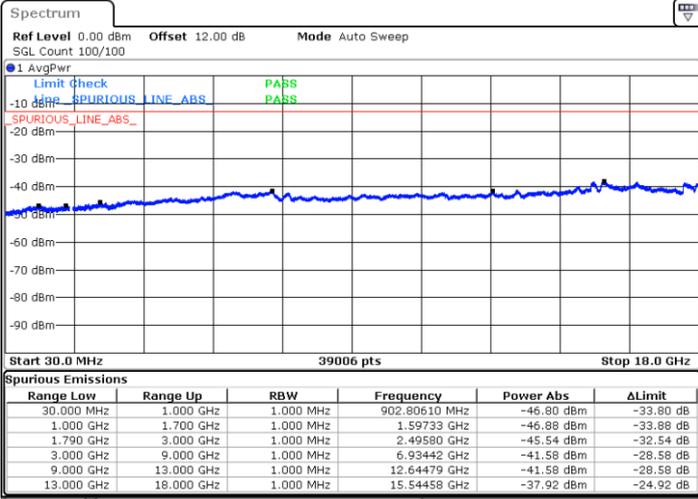


LTE Band 66C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0

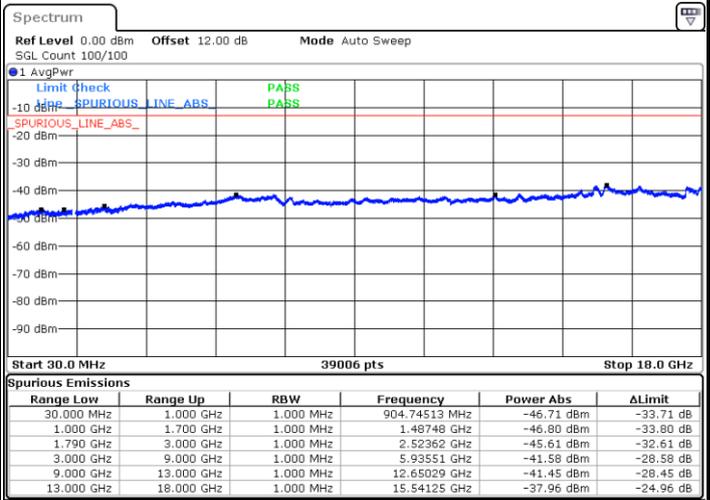
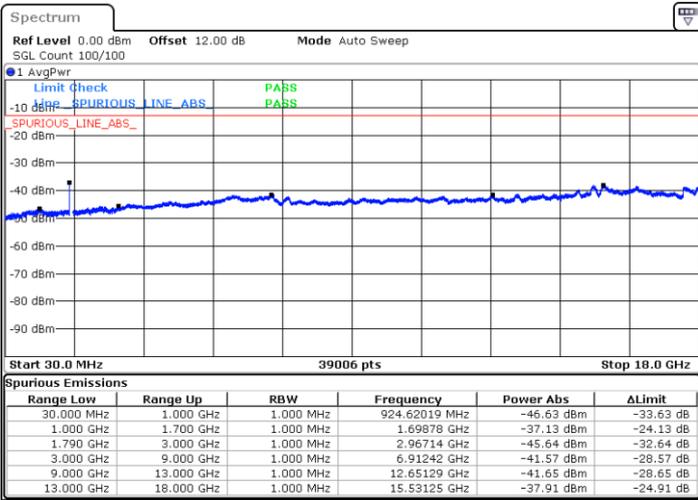


Date: 31.OCT.2021 09:00:19

Date: 31.OCT.2021 08:59:21

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 31.OCT.2021 09:05:42

Date: 31.OCT.2021 09:06:40

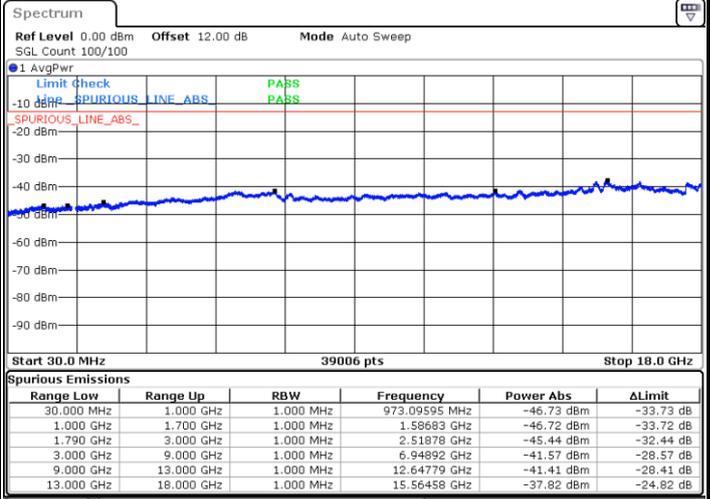
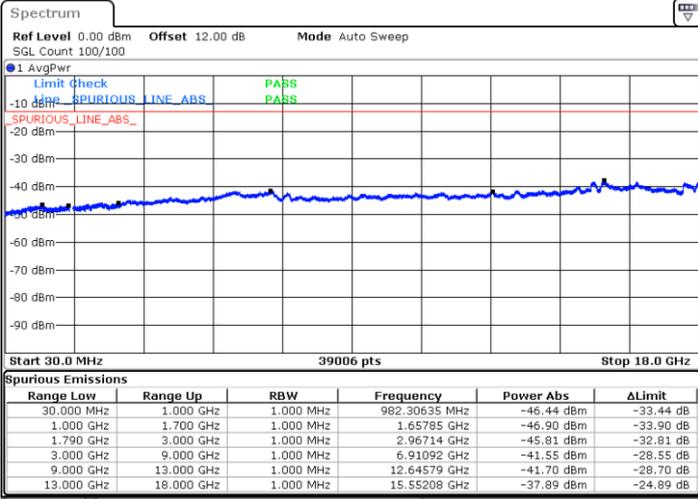


LTE Band 66C / 20MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 31.OCT.2021 09:20:01

Date: 31.OCT.2021 09:19:03



Appendix B. Test Results of Radiated Test

<Ant. 0>

LTE Band 5

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-60.92	-13	-47.92	-70.57	-66.51	0.92	8.66	H
	2472	-48.73	-13	-35.73	-62.68	-56.10	1.14	10.66	H
	3298	-54.96	-13	-41.96	-71.02	-63.50	1.32	12.02	H
									H
									H
									H
	1648	-61.38	-13	-48.38	-70.5	-66.97	0.92	8.66	V
	2472	-51.27	-13	-38.27	-65.37	-58.64	1.14	10.66	V
	3298	-54.52	-13	-41.52	-71.05	-63.06	1.32	12.02	V
									V
									V
									V
Middle	1664	-60.57	-13	-47.57	-70.26	-66.22	0.93	8.72	H
	2496	-48.52	-13	-35.52	-62.47	-55.92	1.15	10.69	H
	3328	-54.59	-13	-41.59	-70.6	-63.20	1.33	12.09	H
									H
									H
									H
	1664	-60.98	-13	-47.98	-70.08	-66.63	0.93	8.72	V
	2496	-50.42	-13	-37.42	-64.58	-57.82	1.15	10.69	V
	3328	-54.09	-13	-41.09	-70.56	-62.70	1.33	12.09	V
									V
									V
									V



Highest	1680	-60.45	-13	-47.45	-70.17	-66.15	0.93	8.78	H
	2518	-48.52	-13	-35.52	-62.49	-55.94	1.15	10.72	H
	3360	-55.01	-13	-42.01	-70.96	-63.69	1.33	12.16	H
									H
									H
									H
	1680	-61.25	-13	-48.25	-70.32	-66.95	0.93	8.78	V
	2518	-49.48	-13	-36.48	-63.61	-56.90	1.15	10.72	V
	3360	-54.71	-13	-41.71	-71.1	-63.39	1.33	12.16	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 5B

LTE Band 5B / 10MHz+10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1664	-61.00	-13	-48.00	-70.69	-66.65	0.93	8.72	H
	2500	-48.66	-13	-35.66	-62.61	-56.06	1.15	10.70	H
	3336	-55.39	-13	-42.39	-71.38	-64.02	1.33	12.11	H
									H
									H
									H
	1664	-61.65	-13	-48.65	-70.75	-67.30	0.93	8.72	V
	2500	-48.52	-13	-35.52	-62.69	-55.92	1.15	10.70	V
	3336	-54.51	-13	-41.51	-70.96	-63.14	1.33	12.11	V
									V
									V
									V
Middle	1672	-61.07	-13	-48.07	-70.79	-66.75	0.93	8.75	H
	2510	-48.30	-13	-35.30	-62.25	-55.71	1.15	10.71	H
	3344	-55.15	-13	-42.15	-71.13	-63.79	1.33	12.13	H
									H
									H
									H
	1672	-61.58	-13	-48.58	-70.67	-67.26	0.93	8.75	V
	2510	-49.95	-13	-36.95	-64.1	-57.36	1.15	10.71	V
	3344	-54.80	-13	-41.80	-71.23	-63.44	1.33	12.13	V
									V
									V
									V



Highest	1680	-60.79	-13	-47.79	-70.51	-66.49	0.93	8.78	H
	2515	-49.58	-13	-36.58	-63.54	-56.99	1.15	10.72	H
	3352	-55.03	-13	-42.03	-70.99	-63.69	1.33	12.14	H
									H
									H
									H
	1680	-61.29	-13	-48.29	-70.36	-66.99	0.93	8.78	V
	2515	-49.01	-13	-36.01	-63.15	-56.42	1.15	10.72	V
	3352	-54.69	-13	-41.69	-71.1	-63.35	1.33	12.14	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 13

LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1555	-60.38	-13	-47.38	-70.28	-65.65	0.89	8.31	H
	2332	-50.08	-13	-37.08	-64.44	-57.28	1.11	10.46	H
	3109	-54.63	-13	-41.63	-70.63	-62.75	1.29	11.56	H
									H
									H
									H
	1555	-61.27	-13	-48.27	-70.49	-66.54	0.89	8.31	V
	2332	-49.38	-13	-36.38	-63.29	-56.58	1.11	10.46	V
	3109	-54.39	-13	-41.39	-70.73	-62.51	1.29	11.56	V
									V
									V
									V
Middle	1560	-59.87	-42.15	-17.72	-69.73	-65.16	0.89	8.33	H
	2336	-40.21	-13	-27.21	-54.55	-47.42	1.11	10.47	H
	3120	-54.19	-13	-41.19	-70.22	-62.34	1.29	11.59	H
									H
									H
									H
	1560	-60.96	-42.15	-18.81	-70.18	-66.25	0.89	8.33	V
	2336	-46.09	-13	-33.09	-60.00	-53.30	1.11	10.47	V
	3120	-53.87	-13	-40.87	-70.26	-62.02	1.29	11.59	V
									V
									V
									V



Highest	1565	-60.49	-42.15	-18.34	-70.31	-65.79	0.89	8.35	H
	2347	-42.64	-13	-29.64	-56.91	-49.86	1.12	10.49	H
	3129	-54.25	-13	-41.25	-70.31	-62.42	1.29	11.61	H
									H
									H
									H
	1565	-61.43	-42.15	-19.28	-70.64	-66.73	0.89	8.35	V
	2347	-46.29	-13	-33.29	-60.20	-53.51	1.12	10.49	V
	3129	-54.00	-13	-41.00	-70.43	-62.17	1.29	11.61	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 13 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1555	-60.04	-13	-47.04	-69.94	-65.31	0.89	8.31	H
	2333	-41.12	-13	-28.12	-55.47	-48.32	1.11	10.47	H
	3112	-54.50	-13	-41.50	-70.5	-62.63	1.29	11.57	H
									H
									H
									H
	1555	-60.61	-13	-47.61	-69.83	-65.88	0.89	8.31	V
	2333	-46.10	-13	-33.10	-60.01	-53.30	1.11	10.47	V
	3112	-54.40	-13	-41.40	-70.75	-62.53	1.29	11.57	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



<Ant. 1>

LTE Band 2

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-52.05	-13	-39.05	-70.61	-63.26	1.41	12.62	H
	5556	-48.92	-13	-35.92	-71.81	-60.48	1.74	13.30	H
	7404	-45.11	-13	-32.11	-72.09	-54.43	1.94	11.25	H
									H
									H
									H
	3702	-52.15	-13	-39.15	-70.86	-63.36	1.41	12.62	V
	5556	-49.69	-13	-36.69	-72.12	-61.25	1.74	13.30	V
	7404	-44.84	-13	-31.84	-71.67	-54.16	1.94	11.25	V
									V
									V
									V
Middle	3744	-52.32	-13	-39.32	-70.98	-63.54	1.42	12.65	H
	5616	-49.03	-13	-36.03	-71.87	-60.59	1.74	13.30	H
	7482	-45.68	-13	-32.68	-72.33	-54.83	1.98	11.13	H
									H
									H
									H
	3744	-52.16	-13	-39.16	-71.02	-63.38	1.42	12.65	V
	5616	-49.60	-13	-36.60	-72.1	-61.16	1.74	13.30	V
	7482	-45.14	-13	-32.14	-71.73	-54.29	1.98	11.13	V
									V
									V
									V



Highest	3780	-52.02	-13	-39.02	-70.75	-62.24	2.02	12.23	H
	5676	-48.38	-13	-35.38	-71.51	-58.71	2.11	12.45	H
	7566	-45.69	-13	-32.69	-71.93	-53.81	2.11	10.24	H
									H
									H
									H
									H
	3780	-51.90	-13	-38.90	-70.88	-62.12	2.02	12.23	V
	5676	-49.20	-13	-36.20	-71.83	-59.53	2.11	12.45	V
	7566	-45.80	-13	-32.80	-71.99	-53.92	2.11	10.24	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 66

LTE Band 66 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-54.05	-13	-41.05	-70.86	-65.01	1.35	12.31	H
	5133	-44.60	-13	-31.60	-66.17	-55.74	1.64	12.79	H
	6843	-46.60	-13	-33.60	-72.02	-56.98	1.74	12.12	H
									H
									H
									H
	3420	-54.05	-13	-41.05	-71.28	-65.01	1.35	12.31	V
	5133	-50.03	-13	-37.03	-71.35	-61.17	1.64	12.79	V
	6844	-47.06	-13	-34.06	-72.09	-57.44	1.74	12.12	V
									V
									V
									V
Middle	3469	-53.50	-13	-40.50	-70.81	-64.57	1.35	12.43	H
	5205	-32.25	-13	-19.25	-53.88	-43.47	1.66	12.89	H
	6941	-45.87	-13	-32.87	-71.79	-56.12	1.73	11.98	H
									H
									H
									H
	3469	-53.67	-13	-40.67	-71.35	-64.74	1.35	12.43	V
	5205	-43.66	-13	-30.66	-65.12	-54.88	1.66	12.89	V
	6941	-46.71	-13	-33.71	-72.17	-56.96	1.73	11.98	V
									V
									V
									V



Highest	3525	-53.67	-13	-40.67	-71.48	-64.82	1.37	12.52	H
	5282	-43.07	-13	-30.07	-64.99	-54.38	1.68	12.99	H
	7044	-45.43	-13	-32.43	-71.81	-55.52	1.74	11.83	H
									H
									H
									H
									H
	3522	-53.34	-13	-40.34	-71.43	-64.49	1.37	12.51	V
	5283	-44.34	-13	-31.34	-66	-55.65	1.68	13.00	V
	7044	-46.21	-13	-33.21	-72.15	-56.30	1.74	11.83	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 66B

LTE Band 66B / 10MHz+10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3441	-53.95	-13	-40.95	-70.98	-64.96	1.35	12.36	H
	5156	-50.04	-13	-37.04	-71.62	-61.21	1.65	12.82	H
	6878	-46.53	-13	-33.53	-72.12	-56.86	1.74	12.07	H
									H
									H
									H
	3441	-53.49	-13	-40.49	-70.92	-64.50	1.35	12.36	V
	5156	-50.25	-13	-37.25	-71.61	-61.42	1.65	12.82	V
	6878	-47.08	-13	-34.08	-72.25	-57.41	1.74	12.07	V
									V
									V
									V
Middle	3511	-53.15	-13	-40.15	-70.86	-64.29	1.36	12.51	H
	5261	-49.05	-13	-36.05	-70.89	-60.34	1.68	12.97	H
	7018	-45.27	-13	-32.27	-71.56	-55.41	1.73	11.87	H
									H
									H
									H
	3511	-53.10	-13	-40.10	-71.13	-64.24	1.36	12.51	V
	5261	-50.39	-13	-37.39	-72	-61.68	1.68	12.97	V
	7018	-46.05	-13	-33.05	-71.86	-56.19	1.73	11.87	V
									V
									V
									V



Highest	3539	-53.09	-13	-40.09	-71	-64.24	1.37	12.52	H
	5310	-50.04	-13	-37.04	-72.08	-61.38	1.69	13.03	H
	7081	-45.04	-13	-32.04	-71.55	-55.05	1.76	11.77	H
									H
									H
									H
	3539	-52.39	-13	-39.39	-70.52	-63.54	1.37	12.52	V
	5310	-49.28	-13	-36.28	-71.02	-60.62	1.69	13.03	V
	7081	-45.64	-13	-32.64	-71.74	-55.65	1.76	11.77	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 66C

LTE Band 66C / 20MHz+20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3462	-53.83	-13	-40.83	-71.07	-64.28	1.84	12.29	H
	5191	-36.52	-13	-23.52	-58.12	-46.38	2.28	12.14	H
	6927	-46.06	-13	-33.06	-71.9	-54.64	2.40	10.97	H
									H
									H
									H
	3462	-53.68	-13	-40.68	-71.31	-64.13	1.84	12.29	V
	5191	-50.35	-13	-37.35	-71.77	-60.21	2.28	12.14	V
	6927	-46.62	-13	-33.62	-72.01	-55.20	2.40	10.97	V
									V
									V
									V
Middle	3511	-47.58	-13	-34.58	-65.29	-58.10	1.88	12.39	H
	5261	-48.41	-13	-35.41	-70.28	-58.31	2.25	12.15	H
	7018	-45.65	-13	-32.65	-71.95	-54.11	2.41	10.87	H
									H
									H
									H
	3511	-49.98	-13	-36.98	-68.01	-60.50	1.88	12.39	V
	5267	-50.57	-13	-37.57	-72.19	-60.47	2.25	12.15	V
	7025	-45.95	-13	-32.95	-71.79	-54.40	2.40	10.86	V
									V
									V
									V



Highest	3518	-50.11	-13	-37.11	-67.87	-60.62	1.88	12.39	H
	5275	-46.52	-13	-33.52	-68.42	-56.43	2.25	12.16	H
	7039	-45.50	-13	-32.50	-71.87	-53.93	2.40	10.83	H
									H
									H
									H
	3518	-49.73	-13	-36.73	-67.78	-60.24	1.88	12.39	V
	5275	-50.16	-13	-37.16	-71.8	-60.07	2.25	12.16	V
	7039	-45.98	-13	-32.98	-71.89	-54.41	2.40	10.83	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



<Ant. 1+0>

LTE Band 2A+4A

LTE Band 4A / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3422	-54.68	-13	-41.68	-71.5	-65.65	1.35	12.31	H
	5133	-50.23	-13	-37.23	-71.8	-61.37	1.64	12.79	H
	6844	-46.36	-13	-33.36	-71.78	-56.74	1.74	12.12	H
									H
									H
									H
	3422	-54.38	-13	-41.38	-71.62	-65.35	1.35	12.31	V
	5133	-50.36	-13	-37.36	-71.68	-61.50	1.64	12.79	V
	6844	-47.26	-13	-34.26	-72.29	-57.64	1.74	12.12	V
									V
									V
									V
Middle	3447	-54.08	-13	-41.08	-71.17	-65.10	1.35	12.37	H
	5170	-50.44	-13	-37.44	-72.03	-61.62	1.65	12.84	H
	6894	-46.89	-13	-33.89	-72.57	-57.20	1.73	12.05	H
									H
									H
									H
	3447	-53.92	-13	-40.92	-71.4	-64.94	1.35	12.37	V
	5170	-50.68	-13	-37.68	-72.06	-61.86	1.65	12.84	V
	6894	-47.45	-13	-34.45	-72.7	-57.76	1.73	12.05	V
									V
									V
									V



Highest	3474	-53.81	-13	-40.81	-71.18	-64.89	1.36	12.44	H
	5208	-50.32	-13	-37.32	-71.96	-61.55	1.66	12.89	H
	6944	-45.87	-13	-32.87	-71.8	-56.12	1.73	11.98	H
									H
									H
									H
	3474	-53.29	-13	-40.29	-71.04	-64.37	1.36	12.44	V
	5208	-50.09	-13	-37.09	-71.56	-61.32	1.66	12.89	V
	6944	-46.90	-13	-33.90	-72.37	-57.15	1.73	11.98	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 66A+2A

LTE Band 2A / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-52.25	-13	-39.25	-70.81	-63.46	1.41	12.62	H
	5553	-48.82	-13	-35.82	-71.72	-60.38	1.74	13.30	H
	7404	-44.43	-13	-31.43	-71.41	-53.75	1.94	11.25	H
									H
									H
									H
	3702	-52.35	-13	-39.35	-71.06	-63.56	1.41	12.62	V
	5553	-49.54	-13	-36.54	-71.97	-61.10	1.74	13.30	V
	7404	-45.11	-13	-32.11	-71.94	-54.43	1.94	11.25	V
									V
									V
									V
Middle	3742	-51.66	-13	-38.66	-70.31	-62.88	1.42	12.65	H
	5613	-49.09	-13	-36.09	-71.92	-60.65	1.74	13.30	H
	7484	-44.77	-13	-31.77	-71.41	-53.91	1.98	11.13	H
									H
									H
									H
	3742	-52.18	-13	-39.18	-71.03	-63.40	1.42	12.65	V
	5613	-49.33	-13	-36.33	-71.82	-60.89	1.74	13.30	V
	7484	-44.86	-13	-31.86	-71.45	-54.00	1.98	11.13	V
									V
									V
									V



Highest	3782	-52.30	-13	-39.30	-71.04	-63.54	1.43	12.67	H
	5673	-48.83	-13	-35.83	-71.94	-60.40	1.73	13.30	H
	7564	-45.60	-13	-32.60	-71.85	-54.71	2.00	11.11	H
									H
									H
									H
									H
	3782	-52.06	-13	-39.06	-71.05	-63.30	1.43	12.67	V
	5673	-49.08	-13	-36.08	-71.7	-60.65	1.73	13.30	V
	7564	-45.67	-13	-32.67	-71.87	-54.78	2.00	11.11	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

—————THE END—————