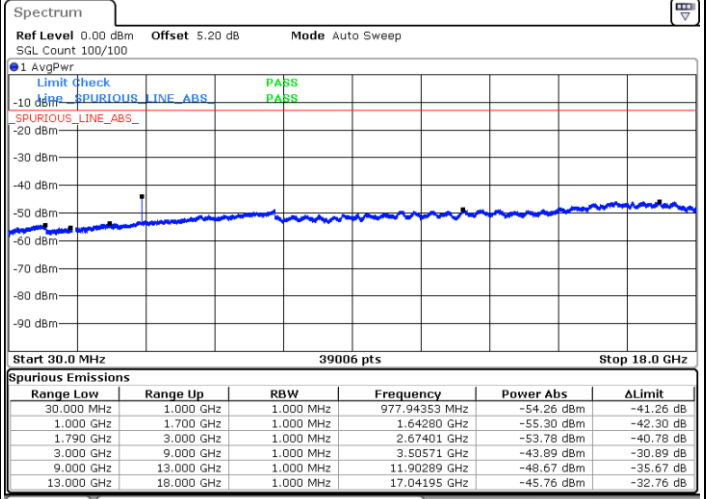
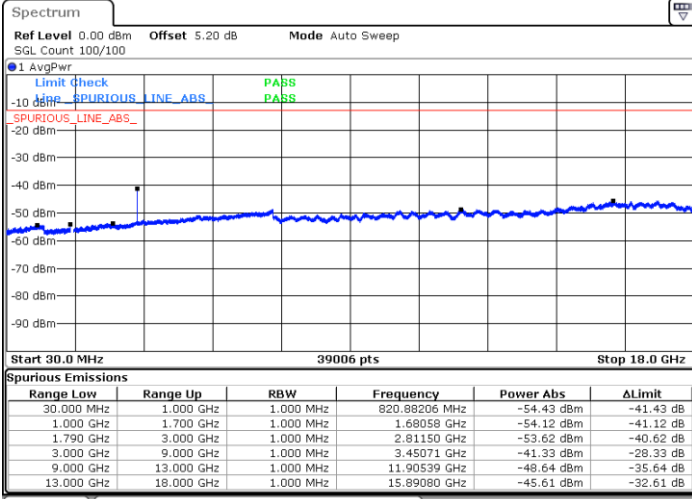




LTE Band 66C / 15MHz+20MHz QPSK Lowest Channel / 1RB74 and 1RB0

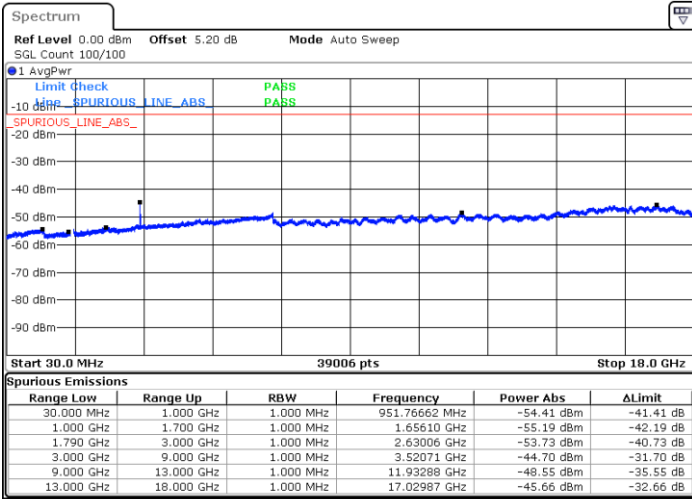
LTE Band 66C / 15MHz+20MHz QPSK Middle Channel / 1RB74 and 1RB0



Date: 26.JAN.2024 13:28:15

Date: 26.JAN.2024 13:31:44

LTE Band 66C / 15MHz+20MHz QPSK Highest Channel / 1RB74 and 1RB0

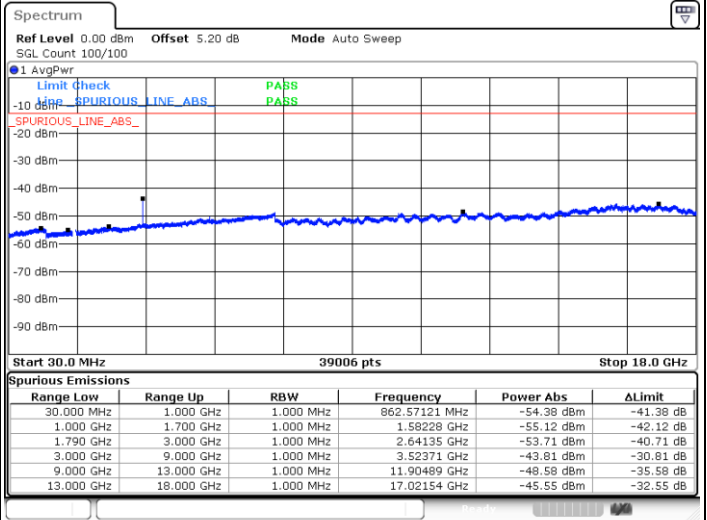
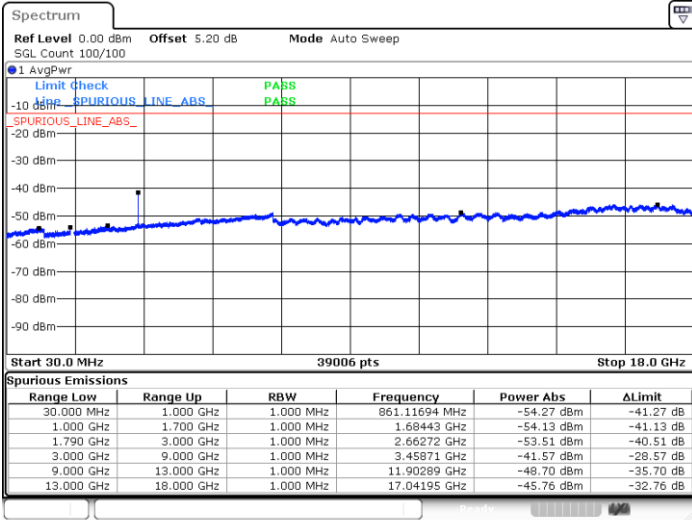


Date: 26.JAN.2024 13:43:01



LTE Band 66C / 20MHz+5MHz QPSK Lowest Channel / 1RB99 and 1RB0

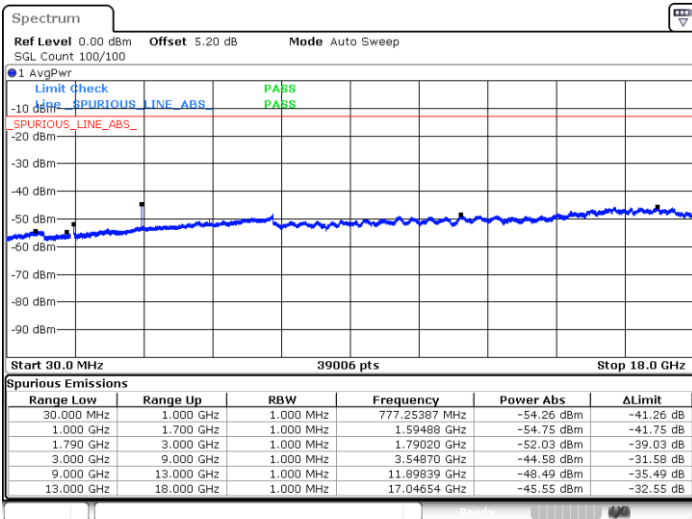
LTE Band 66C / 20MHz+5MHz QPSK Middle Channel / 1RB99 and 1RB0



Date: 26.JAN.2024 14:33:27

Date: 26.JAN.2024 14:36:55

LTE Band 66C / 20MHz+5MHz QPSK Highest Channel / 1RB99 and 1RB0

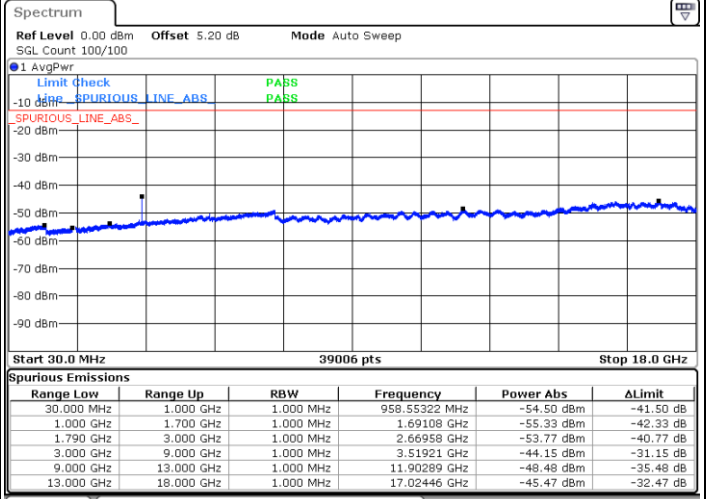
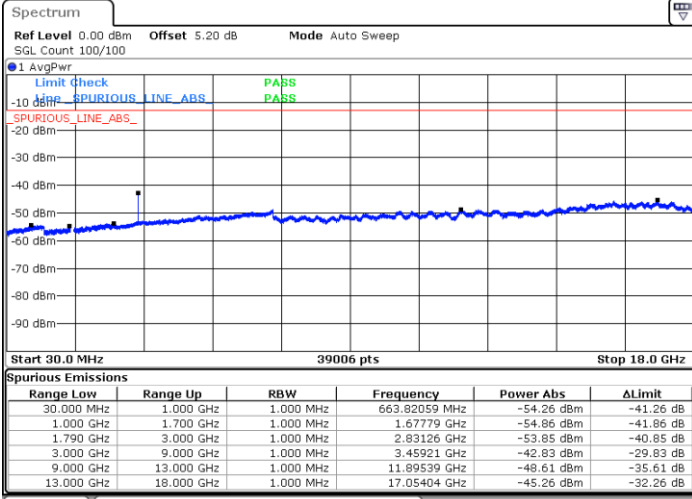


Date: 26.JAN.2024 14:48:12



LTE Band 66C / 20MHz+10MHz QPSK Lowest Channel / 1RB99 and 1RB0

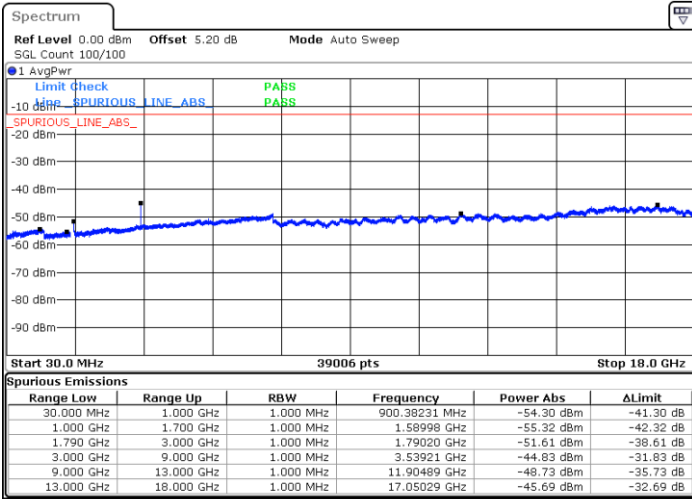
LTE Band 66C / 20MHz+10MHz QPSK Middle Channel / 1RB99 and 1RB0



Date: 26.JAN.2024 12:35:03

Date: 26.JAN.2024 12:36:37

LTE Band 66C / 20MHz+10MHz QPSK Highest Channel / 1RB99 and 1RB0

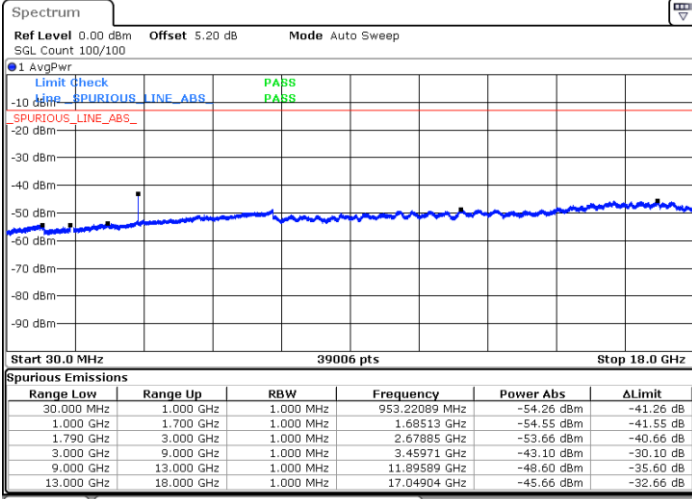


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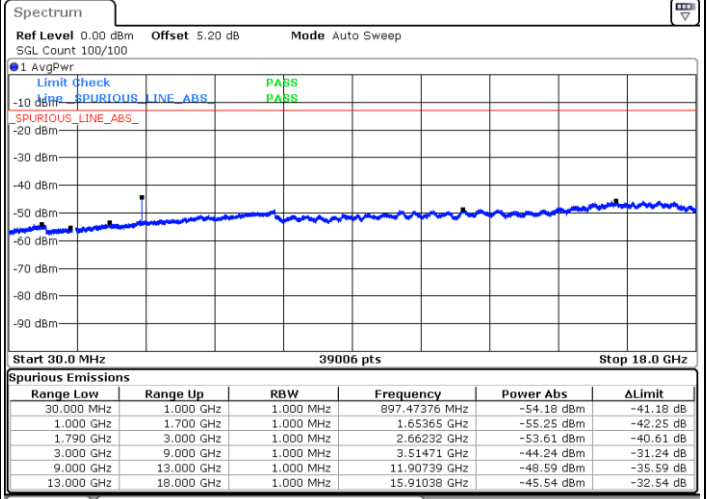


LTE Band 66C / 20MHz+15MHz QPSK Lowest Channel / 1RB99 and 1RB0

LTE Band 66C / 20MHz+15MHz QPSK Middle Channel / 1RB99 and 1RB0

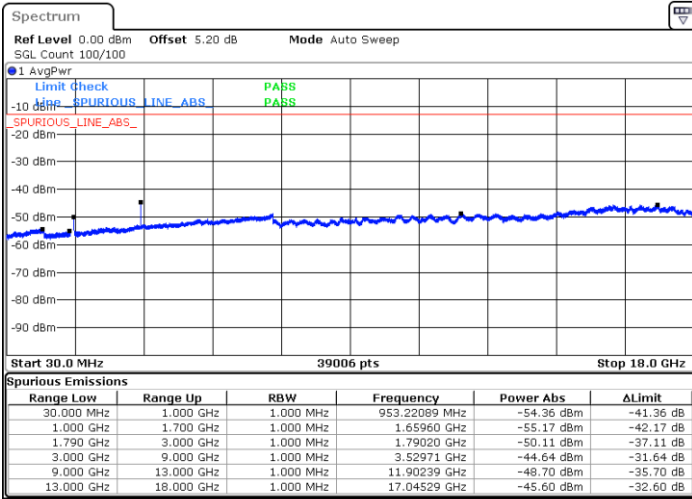


Date: 26.JAN.2024 14:03:45



Date: 26.JAN.2024 14:07:14

LTE Band 66C / 20MHz+15MHz QPSK Highest Channel / 1RB99 and 1RB0

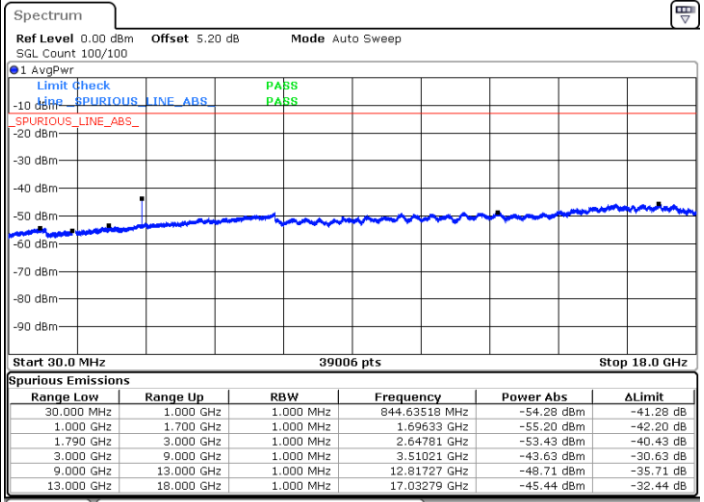
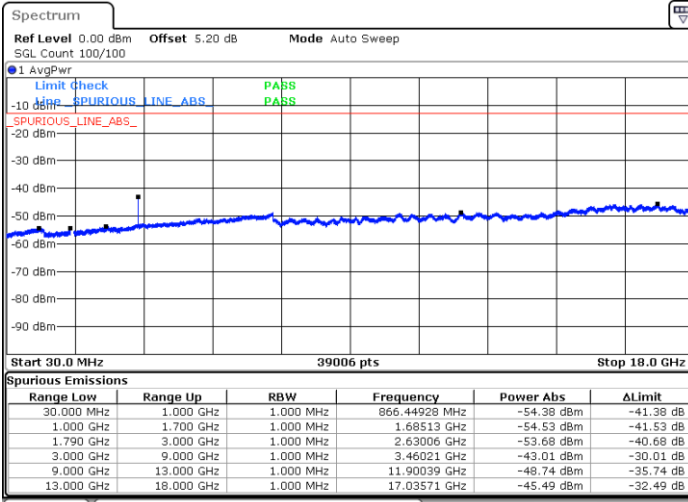


Date: 26.JAN.2024 14:22:10



LTE Band 66C / 20MHz+20MHz QPSK Lowest Channel / 1RB99 and 1RB0

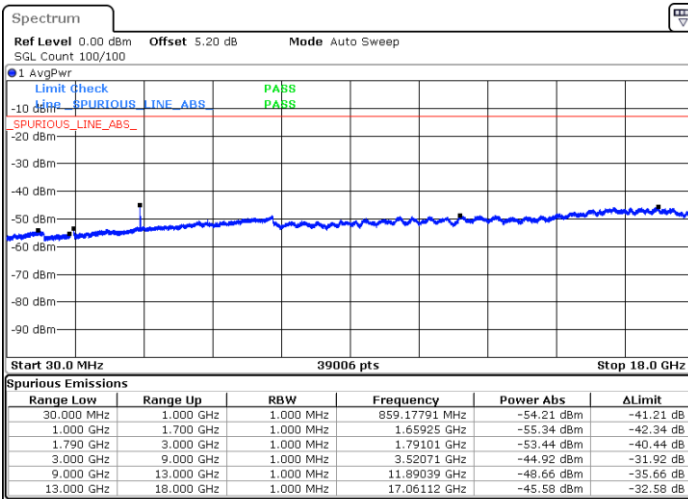
LTE Band 66C / 20MHz+20MHz QPSK Middle Channel / 1RB99 and 1RB0



Date: 26.JAN.2024 14:59:23

Date: 26.JAN.2024 15:03:42

LTE Band 66C / 20MHz+20MHz QPSK Highest Channel / 1RB99 and 1RB0



Date: 26.JAN.2024 15:21:44



Frequency Stability

Test Conditions		LTE Band 42C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0042	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0003	
20	Minimum Voltage	0.0017	

Note:

1. Normal Voltage =3.8 V. ; Minimum Voltage =3.3 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	23~25°C
		Relative Humidity :	41~42%

ENDC 2A_n77A / 20MHz / QPSK / ANT0 / other PA								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3705	-47.08	-13	-34.08	-59.34	2.641	14.90	H
	5550	-45.06	-13	-32.06	-56.92	2.94	14.80	H
	7410	-44.32	-13	-31.32	-54.09	3.39	13.16	H
	3705	-46.07	-13	-33.07	-58.33	2.64	14.90	V
	5550	-47.02	-13	-34.02	-58.88	2.94	14.80	V
	7410	-45.18	-13	-32.18	-54.95	3.39	13.16	V
Middle	3735	-57.73	-13	-44.73	-69.99	2.64	14.90	H
	5610	-56.78	-13	-43.78	-68.64	2.94	14.80	H
	7485	-54.81	-13	-41.81	-64.58	3.39	13.16	H
	3735	-56.38	-13	-43.38	-68.64	2.64	14.90	V
	5610	-56.55	-13	-43.55	-68.41	2.94	14.80	V
	7485	-54.67	-13	-41.67	-64.44	3.39	13.16	V
Highest	3780	-48.13	-13	-35.13	-60.39	2.64	14.90	H
	5670	-47.10	-13	-34.10	-58.96	2.94	14.80	H
	7560	-44.92	-13	-31.92	-54.69	3.39	13.16	H
	3780	-48.19	-13	-35.19	-60.45	2.64	14.90	V
	5670	-46.37	-13	-33.37	-58.23	2.94	14.80	V
	7560	-45.35	-13	-32.35	-55.12	3.39	13.16	V

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



LTE Band 25 / 20MHz / QPSK / ANT0								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3705	-58.61	-13	-45.61	-70.87	2.641	14.90	H
	5550	-57.86	-13	-44.86	-69.72	2.94	14.80	H
	7410	-55.21	-13	-42.21	-64.98	3.39	13.16	H
	3705	-57.90	-13	-44.90	-70.16	2.64	14.90	V
	5550	-57.81	-13	-44.81	-69.67	2.94	14.80	V
	7410	-55.53	-13	-42.53	-65.30	3.39	13.16	V
Middle	3735	-54.80	-13	-41.80	-67.06	2.64	14.90	H
	5610	-53.76	-13	-40.76	-65.62	2.94	14.80	H
	7485	-52.24	-13	-39.24	-62.01	3.39	13.16	H
	3735	-54.60	-13	-41.60	-66.86	2.64	14.90	V
	5610	-54.00	-13	-41.00	-65.86	2.94	14.80	V
	7485	-52.73	-13	-39.73	-62.50	3.39	13.16	V
Highest	3795	-59.07	-13	-46.07	-71.33	2.64	14.90	H
	5685	-57.77	-13	-44.77	-69.63	2.94	14.80	H
	7590	-54.71	-13	-41.71	-64.48	3.39	13.16	H
	3795	-58.62	-13	-45.62	-70.88	2.64	14.90	V
	5685	-57.94	-13	-44.94	-69.80	2.94	14.80	V
	7590	-54.55	-13	-41.55	-64.32	3.39	13.16	V

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



LTE Band 26 / 15MHz / QPSK / ANT1 / Main PA								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-65.44	-13	-52.44	-72.41	1.58	10.70	H
	2472	-57.93	-13	-44.93	-66.18	2.102	12.50	H
	3296	-60.81	-13	-47.81	-69.70	2.856	13.90	H
	1648	-62.57	-13	-49.57	-69.54	1.58	10.70	V
	2472	-41.45	-13	-28.45	-49.70	2.10	12.50	V
	3296	-60.64	-13	-47.64	-69.53	2.86	13.90	V
Middle	1656	-63.77	-13	-50.77	-70.74	1.58	10.70	H
	2488	-49.74	-13	-36.74	-57.99	2.102	12.50	H
	3320	-60.33	-13	-47.33	-69.22	2.856	13.90	H
	1656	-63.18	-13	-50.18	-70.15	1.58	10.70	V
	2488	-56.52	-13	-43.52	-64.77	2.10	12.50	V
	3320	-60.52	-13	-47.52	-69.41	2.86	13.90	V
Highest	1672	-64.85	-13	-51.85	-71.82	1.58	10.70	H
	2504	-55.77	-13	-42.77	-64.02	2.102	12.50	H
	3336	-61.14	-13	-48.14	-70.03	2.856	13.90	H
	1672	-63.49	-13	-50.49	-70.46	1.58	10.70	V
	2504	-54.81	-13	-41.81	-63.06	2.10	12.50	V
	3336	-61.09	-13	-48.09	-69.98	2.86	13.90	V

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

ENDC 26A_n77A / 15MHz / QPSK / ANT1 / other PA								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-55.84	-13	-42.84	-62.81	1.58	10.70	H
	2472	-52.31	-13	-39.31	-60.56	2.102	12.50	H
	3296	-51.95	-13	-38.95	-60.84	2.856	13.90	H
	1648	-56.15	-13	-43.15	-63.12	1.58	10.70	V
	2472	-50.97	-13	-37.97	-59.22	2.10	12.50	V
	3296	-51.85	-13	-38.85	-60.74	2.86	13.90	V
Middle	1656	-56.20	-13	-43.20	-63.17	1.58	10.70	H
	2488	-51.39	-13	-38.39	-59.64	2.102	12.50	H
	3320	-51.90	-13	-38.90	-60.79	2.856	13.90	H
	1656	-55.39	-13	-42.39	-62.36	1.58	10.70	V
	2488	-50.43	-13	-37.43	-58.68	2.10	12.50	V
	3320	-52.18	-13	-39.18	-61.07	2.86	13.90	V
Highest	1672	-55.63	-13	-42.63	-62.60	1.58	10.70	H
	2504	-50.86	-13	-37.86	-59.11	2.102	12.50	H
	3336	-51.99	-13	-38.99	-60.88	2.856	13.90	H
	1672	-54.89	-13	-41.89	-61.86	1.58	10.70	V
	2504	-50.14	-13	-37.14	-58.39	2.10	12.50	V
	3336	-52.02	-13	-39.02	-60.91	2.86	13.90	V

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



LTE Band 66 / 20MHz / QPSK / ANT0 / Main PA								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-58.48	-13	-45.48	-69.22	2.604	13.34	H
	5130	-56.79	-13	-43.79	-67.30	3.011	13.52	H
	6840	-56.94	-13	-43.94	-67.14	3.271	13.47	H
	3420	-58.43	-13	-45.43	-69.17	2.604	13.34	V
	5130	-57.19	-13	-44.19	-67.70	3.011	13.52	V
	6840	-56.69	-13	-43.69	-66.89	3.271	13.47	V
Middle	3465	-58.01	-13	-45.01	-68.75	2.604	13.34	H
	5205	-57.40	-13	-44.40	-67.91	3.011	13.52	H
	6945	-56.90	-13	-43.90	-67.10	3.271	13.47	H
	3465	-58.42	-13	-45.42	-69.16	2.604	13.34	V
	5205	-57.60	-13	-44.60	-68.11	3.011	13.52	V
	6945	-56.91	-13	-43.91	-67.11	3.271	13.47	V
Highest	3525	-58.61	-13	-45.61	-69.35	2.604	13.34	H
	5280	-56.98	-13	-43.98	-67.49	3.011	13.52	H
	7050	-56.22	-13	-43.22	-66.42	3.271	13.47	H
	3525	-58.94	-13	-45.94	-69.68	2.604	13.34	V
	5280	-56.77	-13	-43.77	-67.28	3.011	13.52	V
	7050	-56.33	-13	-43.33	-66.53	3.271	13.47	V

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

ENDC 66A_n77A / 20MHz / QPSK / ANT0 / other PA								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-49.25	-13	-36.25	-59.99	2.604	13.34	H
	5130	-46.30	-13	-33.30	-56.81	3.011	13.52	H
	6840	-46.30	-13	-33.30	-56.50	3.271	13.47	H
	3420	-48.34	-13	-35.34	-59.08	2.604	13.34	V
	5130	-46.45	-13	-33.45	-56.96	3.011	13.52	V
	6840	-46.00	-13	-33.00	-56.20	3.271	13.47	V
Middle	3465	-48.10	-13	-35.10	-58.84	2.604	13.34	H
	5205	-46.80	-13	-33.80	-57.31	3.011	13.52	H
	6945	-46.00	-13	-33.00	-56.20	3.271	13.47	H
	3465	-49.05	-13	-36.05	-59.79	2.604	13.34	V
	5205	-46.68	-13	-33.68	-57.19	3.011	13.52	V
	6945	-46.10	-13	-33.10	-56.30	3.271	13.47	V
Highest	3525	-48.29	-13	-35.29	-59.03	2.604	13.34	H
	5280	-46.40	-13	-33.40	-56.91	3.011	13.52	H
	7050	-46.94	-13	-33.94	-57.14	3.271	13.47	H
	3525	-49.32	-13	-36.32	-60.06	2.604	13.34	V
	5280	-46.84	-13	-33.84	-57.35	3.011	13.52	V
	7050	-46.18	-13	-33.18	-56.38	3.271	13.47	V

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



LTE Band CA_5B / 10+10MHz / QPSK/ Ant1								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-65.73	-13	-52.73	-72.70	1.58	10.70	H
	2472	-61.64	-13	-48.64	-69.89	2.102	12.50	H
	3296	-60.93	-13	-47.93	-69.82	2.856	13.90	H
	1648	-64.83	-13	-51.83	-71.80	1.58	10.70	V
	2472	-59.48	-13	-46.48	-67.73	2.10	12.50	V
	3296	-60.91	-13	-47.91	-69.80	2.86	13.90	V
	1672	-65.12	-13	-52.12	-72.09	1.58	10.70	H
	2504	-61.04	-13	-48.04	-69.29	2.102	12.50	H
	3336	-61.29	-13	-48.29	-70.18	2.856	13.90	H
	1672	-64.00	-13	-51.00	-70.97	1.58	10.70	V
	2504	-59.86	-13	-46.86	-68.11	2.10	12.50	V
	3336	-61.31	-13	-48.31	-70.20	2.86	13.90	V
Middle	1656	-65.33	-13	-52.33	-72.30	1.58	10.70	H
	2480	-61.33	-13	-48.33	-69.58	2.102	12.50	H
	3312	-60.50	-13	-47.50	-69.39	2.856	13.90	H
	1656	-63.94	-13	-50.94	-70.91	1.58	10.70	V
	2480	-59.42	-13	-46.42	-67.67	2.10	12.50	V
	3312	-60.36	-13	-47.36	-69.25	2.86	13.90	V
	1672	-65.04	-13	-52.04	-72.01	1.58	10.70	H
	2512	-60.88	-13	-47.88	-69.13	2.102	12.50	H
	3352	-60.19	-13	-47.19	-69.08	2.856	13.90	H
	1672	-64.03	-13	-51.03	-71.00	1.58	10.70	V
	2512	-59.88	-13	-46.88	-68.13	2.10	12.50	V
	3352	-60.50	-13	-47.50	-69.39	2.86	13.90	V
Highest	1656	-65.31	-13	-52.31	-72.28	1.58	10.70	H
	2488	-61.18	-13	-48.18	-69.43	2.102	12.50	H
	3320	-60.52	-13	-47.52	-69.41	2.856	13.90	H
	1656	-64.26	-13	-51.26	-71.23	1.58	10.70	V
	2488	-59.15	-13	-46.15	-67.40	2.10	12.50	V
	3320	-59.81	-13	-46.81	-68.70	2.86	13.90	V
	1680	-64.65	-13	-51.65	-71.62	1.58	10.70	H
	2520	-61.07	-13	-48.07	-69.32	2.102	12.50	H
	3360	-60.58	-13	-47.58	-69.47	2.856	13.90	H
	1680	-63.52	-13	-50.52	-70.49	1.58	10.70	V
	2520	-60.13	-13	-47.13	-68.38	2.10	12.50	V
	3360	-61.50	-13	-48.50	-70.39	2.86	13.90	V

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



LTE Band CA_66B / 10+10MHz / QPSK / ANT0								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-58.40	-13	-45.40	-69.14	2.604	13.34	H
	5130	-56.80	-13	-43.80	-67.31	3.011	13.52	H
	6840	-56.44	-13	-43.44	-66.64	3.271	13.47	H
	3420	-58.48	-13	-45.48	-69.22	2.604	13.34	V
	5130	-57.31	-13	-44.31	-67.82	3.011	13.52	V
	6840	-56.67	-13	-43.67	-66.87	3.271	13.47	V
	3435	-58.27	-13	-45.27	-69.01	2.604	13.34	H
	5160	-56.76	-13	-43.76	-67.27	3.011	13.52	H
	6885	-56.62	-13	-43.62	-66.82	3.271	13.47	H
	3435	-58.38	-13	-45.38	-69.12	2.604	13.34	V
	5160	-57.09	-13	-44.09	-67.60	3.011	13.52	V
	6885	-56.48	-13	-43.48	-66.68	3.271	13.47	V
Middle	3495	-58.46	-13	-45.46	-69.20	2.604	13.34	H
	5235	-57.30	-13	-44.30	-67.81	3.011	13.52	H
	6990	-56.54	-13	-43.54	-66.74	3.271	13.47	H
	3495	-58.45	-13	-45.45	-69.19	2.604	13.34	V
	5235	-56.87	-13	-43.87	-67.38	3.011	13.52	V
	6990	-55.69	-13	-42.69	-65.89	3.271	13.47	V
	3510	-58.49	-13	-45.49	-69.23	2.604	13.34	H
	5265	-57.13	-13	-44.13	-67.64	3.011	13.52	H
	7020	-56.44	-13	-43.44	-66.64	3.271	13.47	H
	3510	-58.72	-13	-45.72	-69.46	2.604	13.34	V
	5265	-56.65	-13	-43.65	-67.16	3.011	13.52	V
	7020	-56.50	-13	-43.50	-66.70	3.271	13.47	V
Highest	3525	-58.43	-13	-45.43	-69.17	2.604	13.34	H
	5280	-56.43	-13	-43.43	-66.94	3.011	13.52	H
	7050	-56.12	-13	-43.12	-66.32	3.271	13.47	H
	3525	-58.83	-13	-45.83	-69.57	2.604	13.34	V
	5280	-57.43	-13	-44.43	-67.94	3.011	13.52	V
	7050	-56.16	-13	-43.16	-66.36	3.271	13.47	V
	3540	-58.30	-13	-45.30	-69.04	2.604	13.34	H
	5310	-57.00	-13	-44.00	-67.51	3.011	13.52	H
	7080	-55.94	-13	-42.94	-66.14	3.271	13.47	H
	3540	-58.77	-13	-45.77	-69.51	2.604	13.34	V
	5310	-57.54	-13	-44.54	-68.05	3.011	13.52	V
	7080	-56.12	-13	-43.12	-66.32	3.271	13.47	V

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



LTE Band CA_66C / 20+20MHz / QPSK / ANT0								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-57.77	-13	-44.77	-68.51	2.604	13.34	H
	5130	-57.25	-13	-44.25	-67.76	3.011	13.52	H
	6840	-56.55	-13	-43.55	-66.75	3.271	13.47	H
	3420	-58.44	-13	-45.44	-69.18	2.604	13.34	V
	5130	-56.91	-13	-43.91	-67.42	3.011	13.52	V
	6840	-56.94	-13	-43.94	-67.14	3.271	13.47	V
	3465	-58.16	-13	-45.16	-68.90	2.604	13.34	H
	5190	-57.08	-13	-44.08	-67.59	3.011	13.52	H
	6930	-56.79	-13	-43.79	-66.99	3.271	13.47	H
	3465	-58.38	-13	-45.38	-69.12	2.604	13.34	V
	5190	-57.41	-13	-44.41	-67.92	3.011	13.52	V
	6930	-56.87	-13	-43.87	-67.07	3.271	13.47	V
Middle	3465	-57.84	-13	-44.84	-68.58	2.604	13.34	H
	5205	-57.32	-13	-44.32	-67.83	3.011	13.52	H
	6945	-56.80	-13	-43.80	-67.00	3.271	13.47	H
	3465	-58.24	-13	-45.24	-68.98	2.604	13.34	V
	5205	-57.29	-13	-44.29	-67.80	3.011	13.52	V
	6945	-57.06	-13	-44.06	-67.26	3.271	13.47	V
	3510	-58.03	-13	-45.03	-68.77	2.604	13.34	H
	5265	-57.12	-13	-44.12	-67.63	3.011	13.52	H
	7020	-56.13	-13	-43.13	-66.33	3.271	13.47	H
	3510	-58.32	-13	-45.32	-69.06	2.604	13.34	V
	5265	-57.24	-13	-44.24	-67.75	3.011	13.52	V
	7020	-56.84	-13	-43.84	-67.04	3.271	13.47	V
Highest	3480	-58.35	-13	-45.35	-69.09	2.604	13.34	H
	5220	-57.43	-13	-44.43	-67.94	3.011	13.52	H
	6960	-56.62	-13	-43.62	-66.82	3.271	13.47	H
	3480	-58.68	-13	-45.68	-69.42	2.604	13.34	V
	5220	-57.63	-13	-44.63	-68.14	3.011	13.52	V
	6960	-56.74	-13	-43.74	-66.94	3.271	13.47	V
	3525	-58.53	-13	-45.53	-69.27	2.604	13.34	H
	5280	-57.09	-13	-44.09	-67.60	3.011	13.52	H
	7050	-56.58	-13	-43.58	-66.78	3.271	13.47	H
	3525	-58.56	-13	-45.56	-69.30	2.604	13.34	V
	5280	-56.76	-13	-43.76	-67.27	3.011	13.52	V
	7050	-56.74	-13	-43.74	-66.94	3.271	13.47	V

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