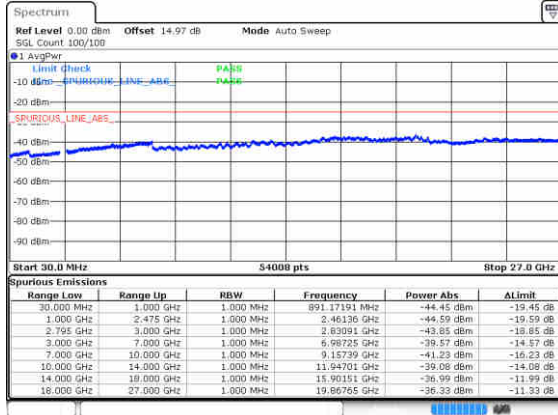


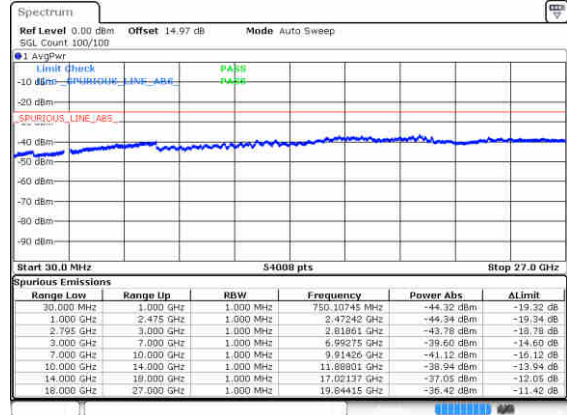


EN-DC_n41AA / LTE 10MHz + NR 80MHz

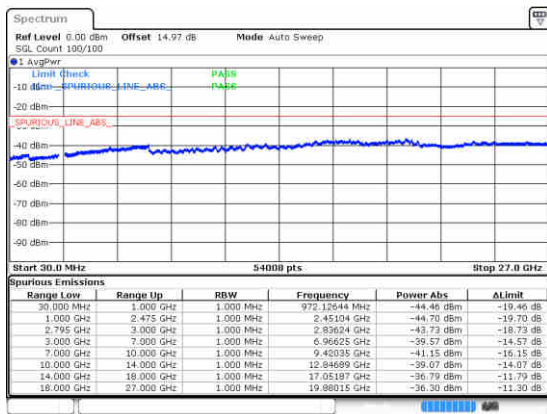
Lowest Channel / 16QAM



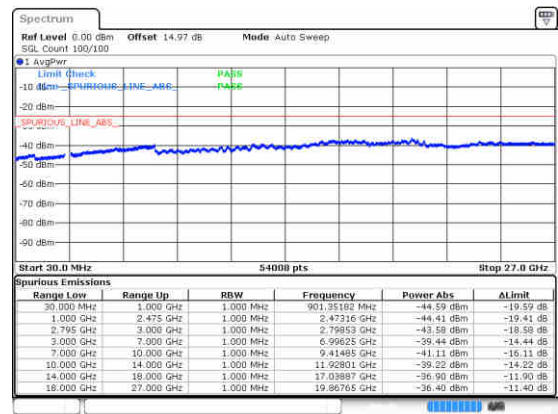
Lowest Channel / 64QAM



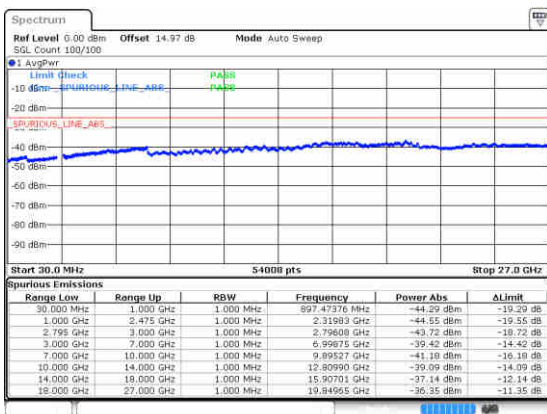
Middle Channel / 16QAM



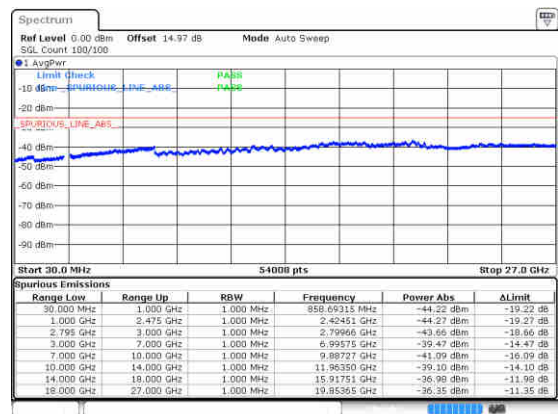
Middle Channel / 64QAM



Highest Channel / 16QAM



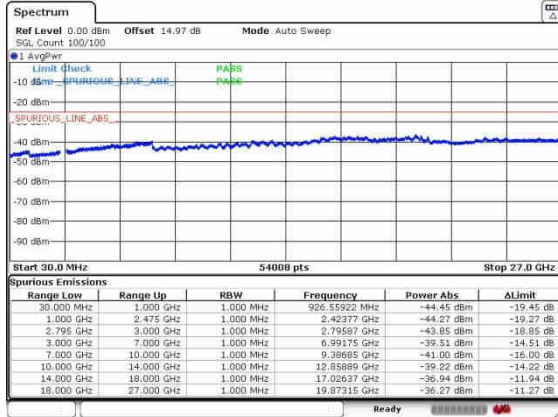
Highest Channel / 64QAM





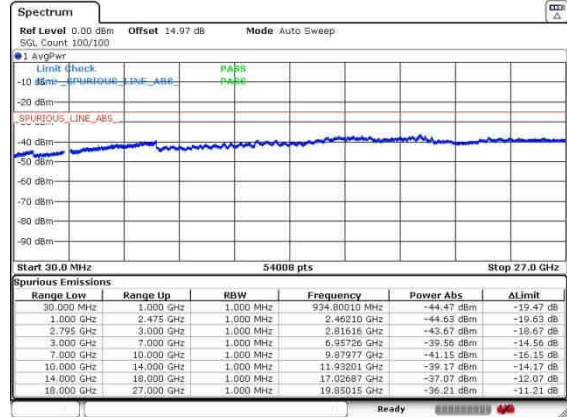
EN-DC_n41AA / LTE 10MHz + NR 90MHz

Lowest Channel / BPSK



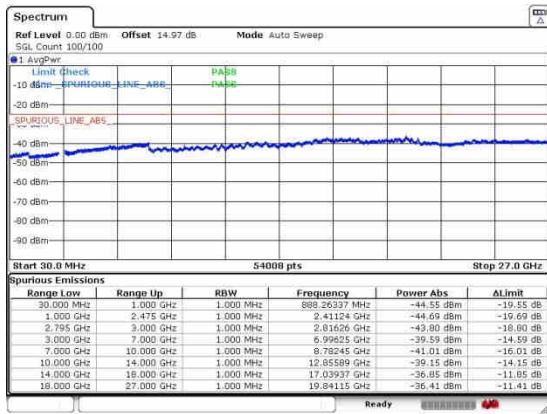
Date: 14 AUG 2020 14:49:26

Lowest Channel / QPSK



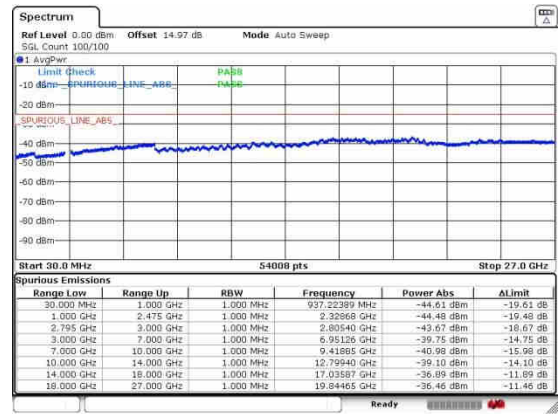
Date: 14 AUG 2020 14:49:33

Middle Channel / BPSK



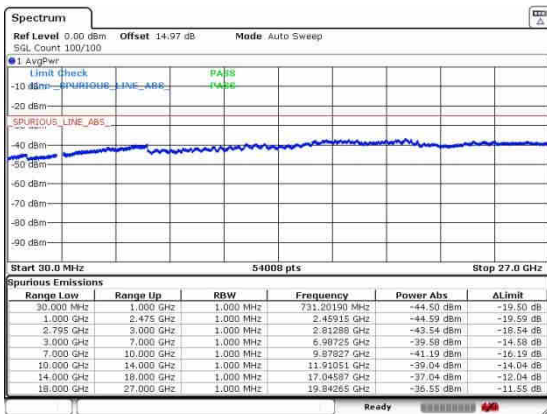
Date: 14 AUG 2020 14:49:36

Middle Channel / QPSK



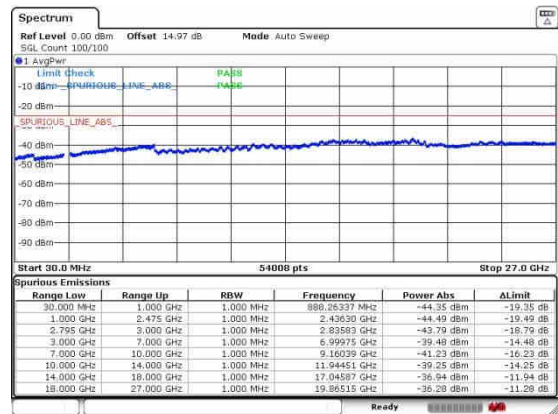
Date: 14 AUG 2020 14:49:39

Highest Channel / BPSK



Date: 14 AUG 2020 14:49:42

Highest Channel / QPSK

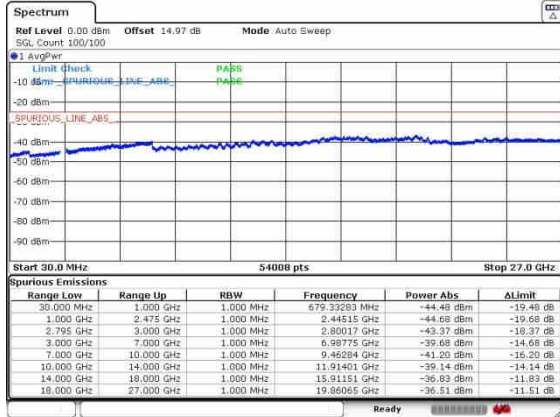


Date: 14 AUG 2020 14:49:45

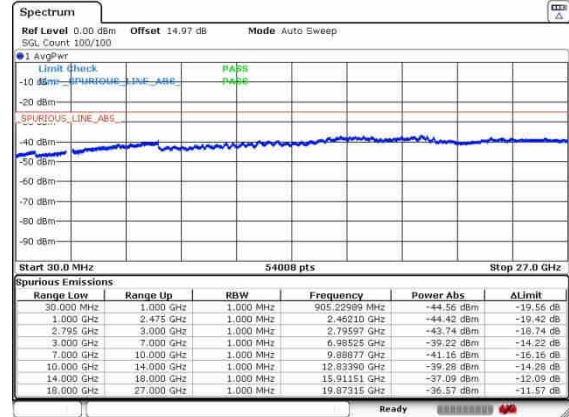


EN-DC_n41AA / LTE 10MHz + NR 90MHz

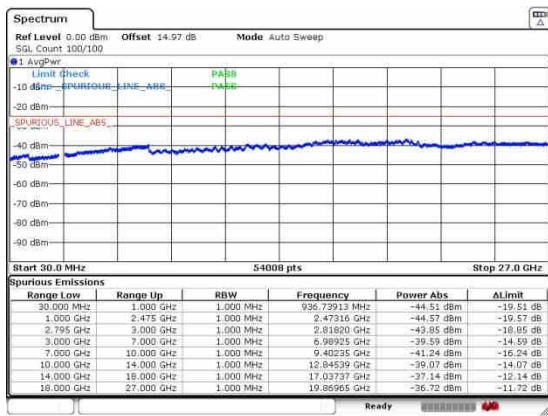
Lowest Channel / 16QAM



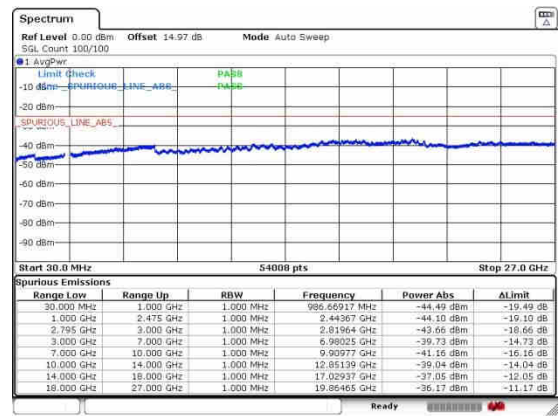
Lowest Channel / 64QAM



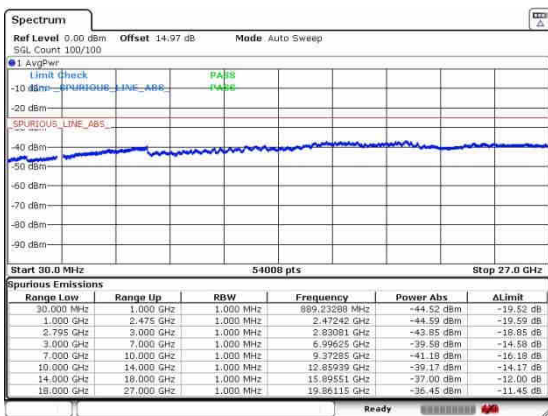
Middle Channel / 16QAM



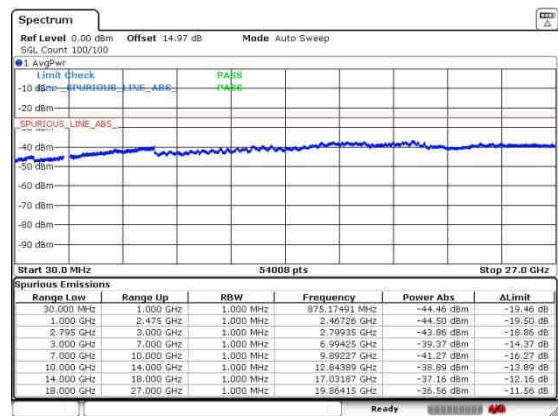
Middle Channel / 64QAM



Highest Channel / 16QAM



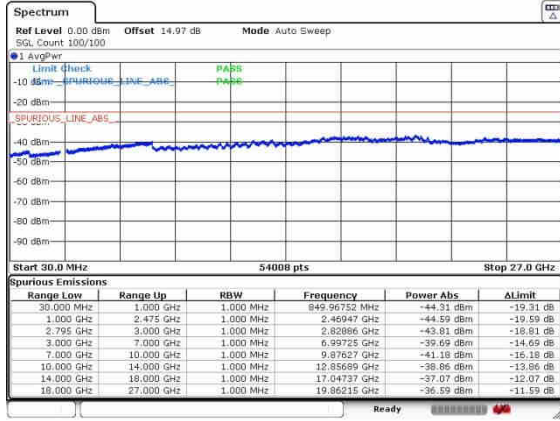
Highest Channel / 64QAM



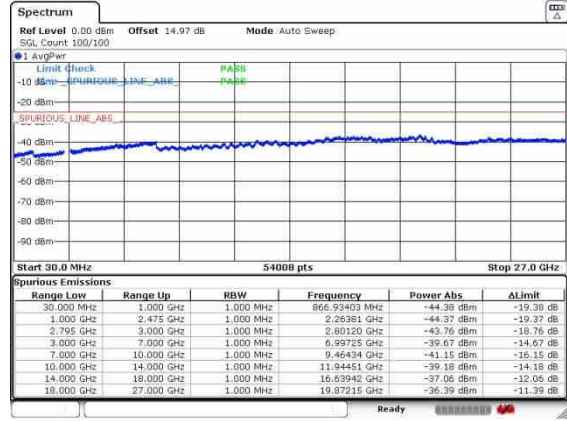


EN-DC_n41AA / LTE 10MHz + NR 100MHz

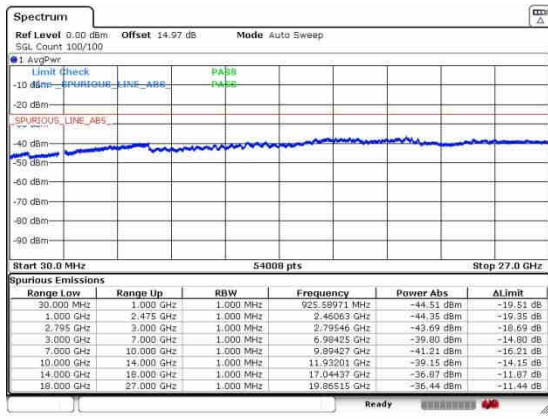
Lowest Channel / BPSK



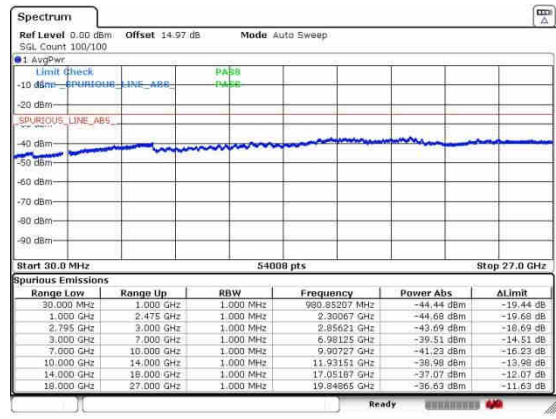
Lowest Channel / QPSK



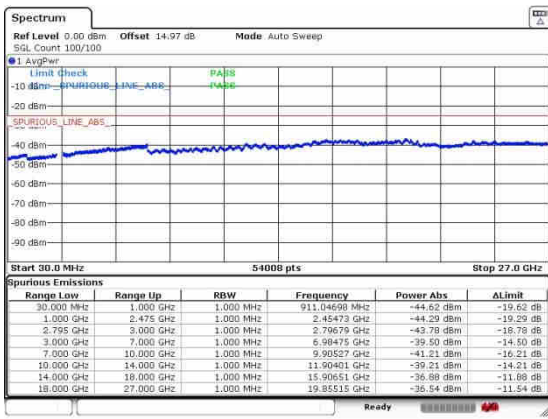
Middle Channel / BPSK



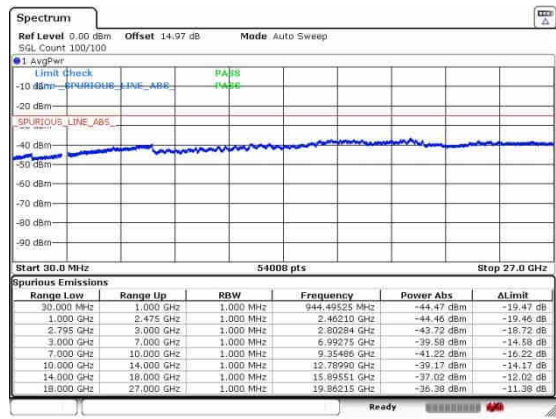
Middle Channel / QPSK



Highest Channel / BPSK



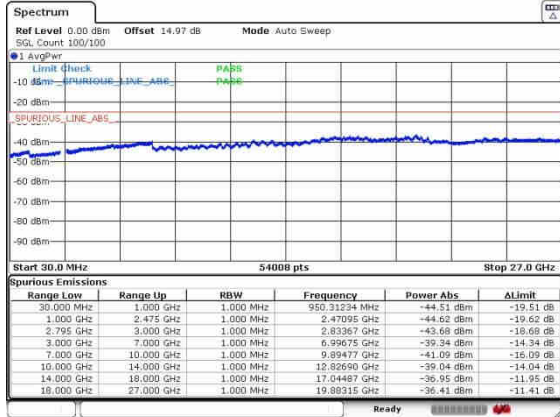
Highest Channel / QPSK



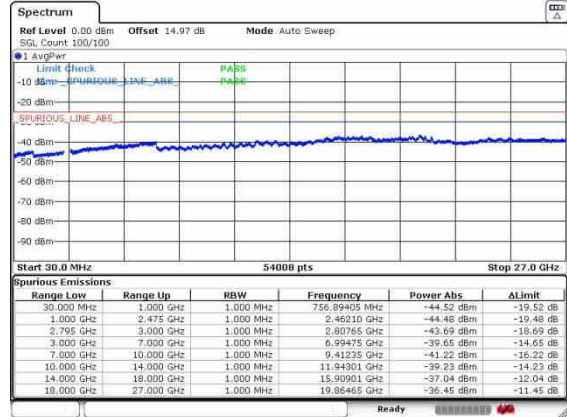


EN-DC_n41AA / LTE 10MHz + NR 100MHz

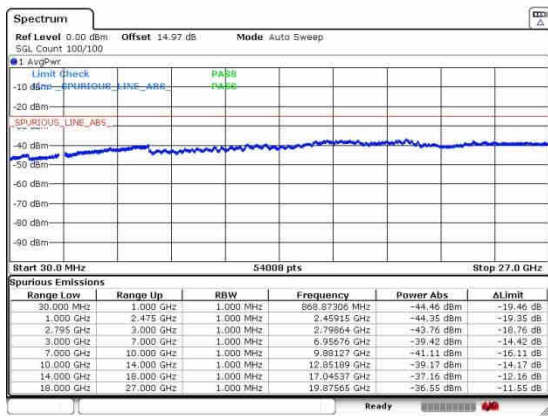
Lowest Channel / 16QAM



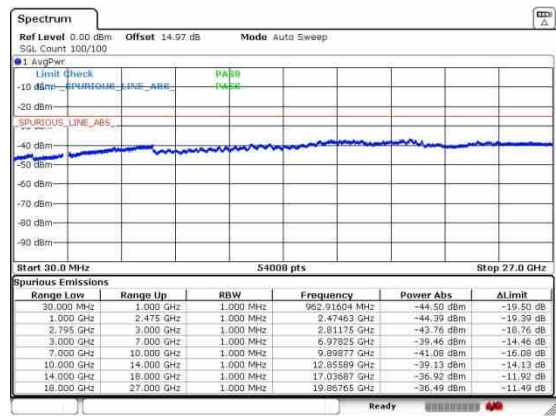
Lowest Channel / 64QAM



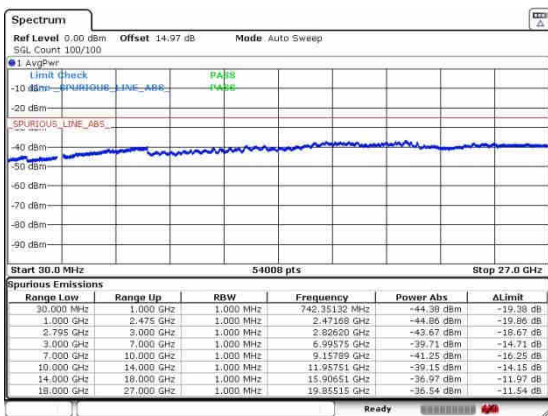
Middle Channel / 16QAM



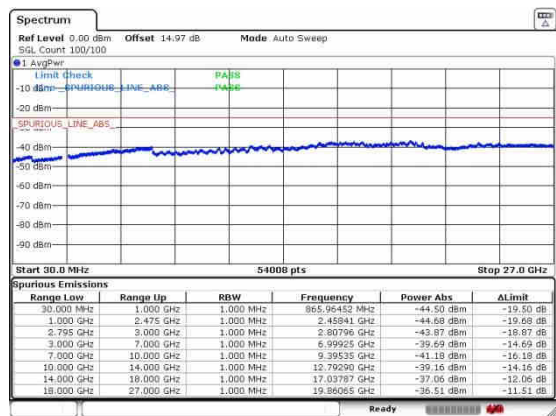
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM



**Frequency Stability**

Test Conditions		EN-DC41AA (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	LTE 10MHz + NR 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0017	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0012	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0019	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Ant 1/Ant 2

EN-DC_2A_n41A / LTE 10MHz + NR 100MHz / QPSK								
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)
NR n41 Lowest	5004	-67.01	-25	-42.01	-77.22	3.03	13.24	H
	7506	-60.86	-25	-35.86	-70.31	3.56	13.01	H
	10008	-57.90	-25	-32.90	-67.42	3.92	13.44	H
	5004	-68.13	-25	-43.13	-78.34	3.03	13.24	V
	7505	-61.77	-25	-36.77	-71.22	3.56	13.01	V
	10008	-58.17	-25	-33.17	-67.69	3.92	13.44	V
LTE Band2 Lowest	3762	-67.62	-13	-54.62	-79.88	2.64	14.90	H
	5640	-66.10	-13	-53.10	-77.96	2.94	14.80	H
	7520	-61.04	-13	-48.04	-70.81	3.39	13.16	H
	3762	-68.38	-13	-55.38	-80.64	2.64	14.90	V
	5640	-67.01	-13	-54.01	-78.87	2.94	14.80	V
	7520	-61.68	-13	-48.68	-71.45	3.39	13.16	V
NR n41 Middle	5098	-66.85	-25	-41.85	-77.06	3.03	13.24	H
	7647	-60.59	-25	-35.59	-70.04	3.56	13.01	H
	10197	-57.85	-25	-32.85	-67.37	3.92	13.44	H
	5098	-66.75	-25	-41.75	-76.96	3.03	13.24	V
	7647	-60.43	-25	-35.43	-69.88	3.56	13.01	V
	10197	-57.90	-25	-32.90	-67.42	3.92	13.44	V
LTE Band2 Middle	3762	-67.61	-13	-54.61	-79.87	2.64	14.90	H
	5640	-66.24	-13	-53.24	-78.10	2.94	14.80	H
	7520	-61.11	-13	-48.11	-70.88	3.39	13.16	H
	3762	-67.61	-13	-54.61	-79.87	2.64	14.90	V
	5640	-66.44	-13	-53.44	-78.30	2.94	14.80	V
	7520	-60.92	-13	-47.92	-70.69	3.39	13.16	V
NR n41 Highest	5192	-66.62	-25	-41.62	-76.83	3.03	13.24	H
	7788	-60.88	-25	-35.88	-70.33	3.56	13.01	H
	10383	-57.04	-25	-32.04	-66.56	3.92	13.44	H
	5192	-66.75	-25	-41.75	-76.96	3.03	13.24	V
	7788	-60.52	-25	-35.52	-69.97	3.56	13.01	V
	10386	-57.11	-25	-32.11	-66.63	3.92	13.44	V
LTE Band2 Highest	3762	-67.38	-13	-54.38	-79.64	2.64	14.90	H
	5640	-66.02	-13	-53.02	-77.88	2.94	14.80	H
	7520	-60.77	-13	-47.77	-70.54	3.39	13.16	H
	3762	-67.39	-13	-54.39	-79.65	2.64	14.90	V
	5640	-66.09	-13	-53.09	-77.95	2.94	14.80	V
	7520	-60.62	-13	-47.62	-70.39	3.39	13.16	V

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



EN-DC 25A_n41A / LTE 10MHz + NR 100MHz / QPSK								
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)
NR n41 Highest	5190	-67.21	-25	-42.21	-77.42	3.03	13.24	H
	7788	-60.99	-25	-35.99	-70.44	3.56	13.01	H
	10384	-57.59	-25	-32.59	-67.11	3.92	13.44	H
	5192	-66.90	-25	-41.90	-77.11	3.03	13.24	V
	7788	-60.72	-25	-35.72	-70.17	3.56	13.01	V
	10384	-57.63	-25	-32.63	-67.15	3.92	13.44	V
LTE Band25 Highest	3760	-67.60	-13	-54.60	-79.86	2.64	14.90	H
	5640	-66.01	-13	-53.01	-77.87	2.94	14.80	H
	7520	-61.42	-13	-48.42	-71.19	3.39	13.16	H
	3760	-67.49	-13	-54.49	-79.75	2.64	14.90	V
	5640	-66.29	-13	-53.29	-78.15	2.94	14.80	V
	7520	-60.97	-13	-47.97	-70.74	3.39	13.16	V

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

EN-DC 26A_n41A / LTE 10MHz + NR 100MHz / QPSK								
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)
NR n41 Highest	5190	-66.81	-25	-41.81	-77.02	3.03	13.24	H
	7788	-60.41	-25	-35.41	-69.86	3.56	13.01	H
	10384	-56.70	-25	-31.70	-66.22	3.92	13.44	H
	5190	-67.02	-25	-42.02	-77.23	3.03	13.24	V
	7788	-60.65	-25	-35.65	-70.10	3.56	13.01	V
	10384	-56.92	-25	-31.92	-66.44	3.92	13.44	V
LTE Band26 Highest	1672	-72.44	-13	-59.44	-79.41	1.58	10.70	H
	2509.5	-71.20	-13	-58.20	-79.45	2.102	12.50	H
	3346	-68.63	-13	-55.63	-77.52	2.856	13.90	H
	1672	-72.24	-13	-59.24	-79.21	1.58	10.70	V
	2509.5	-70.95	-13	-57.95	-79.20	2.10	12.50	V
	3346	-68.86	-13	-55.86	-77.75	2.86	13.90	V

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



EN-DC_66A_n41A / LTE 10MHz + NR 100MHz / QPSK								
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)
NR n41 Highest	5192	-67.03	-25	-42.03	-77.24	3.03	13.24	H
	7788	-61.13	-25	-36.13	-70.58	3.56	13.01	H
	10384	-57.34	-25	-32.34	-66.86	3.92	13.44	H
	5192	-67.26	-25	-42.26	-77.47	3.03	13.24	V
	7788	-60.71	-25	-35.71	-70.16	3.56	13.01	V
	10384	-57.42	-25	-32.42	-66.94	3.92	13.44	V
LTE Band66 Highest	3492	-68.91	-13	-55.91	-79.65	2.604	13.34	H
	5235	-67.21	-13	-54.21	-77.72	3.011	13.52	H
	6980	-62.32	-13	-49.32	-72.52	3.271	13.47	H
	3492	-69.07	-13	-56.07	-79.81	2.604	13.34	V
	5235	-67.05	-13	-54.05	-77.56	3.011	13.52	V
	6980	-61.89	-13	-48.89	-72.09	3.271	13.47	V

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

EN-DC_41A_n41A / LTE 20MHz + NR 100MHz / QPSK								
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)
LTE Band41 Lowest	5004	-66.72	-25	-41.72	-76.93	3.03	13.24	H
	7504	-61.45	-25	-36.45	-70.90	3.56	13.01	H
	10010	-57.32	-25	-32.32	-66.84	3.92	13.44	H
	5004	-67.21	-25	-42.21	-77.42	3.03	13.24	V
	7504	-61.16	-25	-36.16	-70.61	3.56	13.01	V
	10010	-58.20	-25	-33.20	-67.72	3.92	13.44	V
NR n41 Highest	5192	-65.91	-25	-40.91	-76.12	3.03	13.24	H
	7784	-60.82	-25	-35.82	-70.27	3.56	13.01	H
	10380	-56.87	-25	-31.87	-66.39	3.92	13.44	H
	5192	-66.19	-25	-41.19	-76.40	3.03	13.24	V
	7784	-60.48	-25	-35.48	-69.93	3.56	13.01	V
	10380	-56.92	-25	-31.92	-66.44	3.92	13.44	V

Remark:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.
2. EN-DC_41A_n41A only show the worst combination mode of RSE in the report.



EN-DC_n41AA / LTE 20MHz + NR 100MHz / QPSK								
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)
NR n41 Lowest	5004	-66.23	-25	-41.23	-76.44	3.03	13.24	H
	7504	-61.03	-25	-36.03	-70.48	3.56	13.01	H
	10000	-58.16	-25	-33.16	-67.68	3.92	13.44	H
	5004	-66.78	-25	-41.78	-76.99	3.03	13.24	V
	7504	-60.93	-25	-35.93	-70.38	3.56	13.01	V
	10000	-57.46	-25	-32.46	-66.98	3.92	13.44	V
LTE Band41 Lowest	5204	-65.48	-25	-40.48	-75.69	3.03	13.24	H
	7804	-60.58	-25	-35.58	-70.03	3.56	13.01	H
	10410	-57.10	-25	-32.10	-66.62	3.92	13.44	H
	5204	-65.96	-25	-40.96	-76.17	3.03	13.24	V
	7804	-60.17	-25	-35.17	-69.62	3.56	13.01	V
	10410	-56.95	-25	-31.95	-66.47	3.92	13.44	V
NR n41 Middle	5076	-66.34	-25	-41.34	-76.55	3.03	13.24	H
	7616	-60.76	-25	-35.76	-70.21	3.56	13.01	H
	10150	-57.87	-25	-32.87	-67.39	3.92	13.44	H
	5076	-66.57	-25	-41.57	-76.78	3.03	13.24	V
	7616	-60.34	-25	-35.34	-69.79	3.56	13.01	V
	10150	-57.60	-25	-32.60	-67.12	3.92	13.44	V
LTE Band41 Middle	5276	-66.04	-25	-41.04	-76.25	3.03	13.24	H
	7916	-60.24	-25	-35.24	-69.69	3.56	13.01	H
	10550	-56.09	-25	-31.09	-65.61	3.92	13.44	H
	5276	-66.16	-25	-41.16	-76.37	3.03	13.24	V
	7916	-60.46	-25	-35.46	-69.91	3.56	13.01	V
	10550	-55.69	-25	-30.69	-65.21	3.92	13.44	V
NR n41 Highest	5192	-65.83	-25	-40.83	-76.04	3.03	13.24	H
	7784	-60.72	-25	-35.72	-70.17	3.56	13.01	H
	10380	-57.04	-25	-32.04	-66.56	3.92	13.44	H
	5192	-65.58	-25	-40.58	-75.79	3.03	13.24	V
	7784	-60.21	-25	-35.21	-69.66	3.56	13.01	V
	10380	-56.82	-25	-31.82	-66.34	3.92	13.44	V
LTE Band41 Highest	5152	-65.74	-25	-40.74	-75.95	3.03	13.24	H
	7728	-60.56	-25	-35.56	-70.01	3.56	13.01	H
	10300	-57.30	-25	-32.30	-66.82	3.92	13.44	H
	5152	-65.76	-25	-40.76	-75.97	3.03	13.24	V
	7728	-60.60	-25	-35.60	-70.05	3.56	13.01	V
	10300	-57.32	-25	-32.32	-66.84	3.92	13.44	V

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