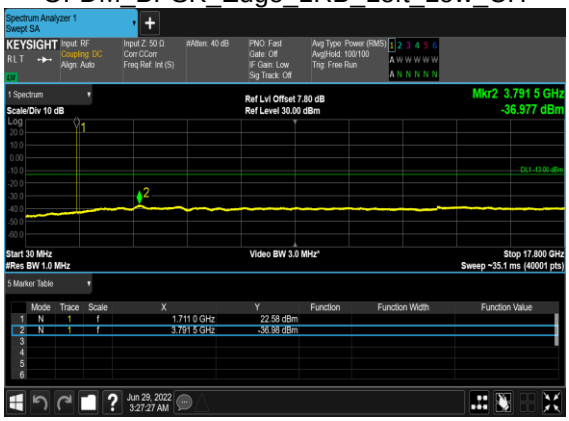
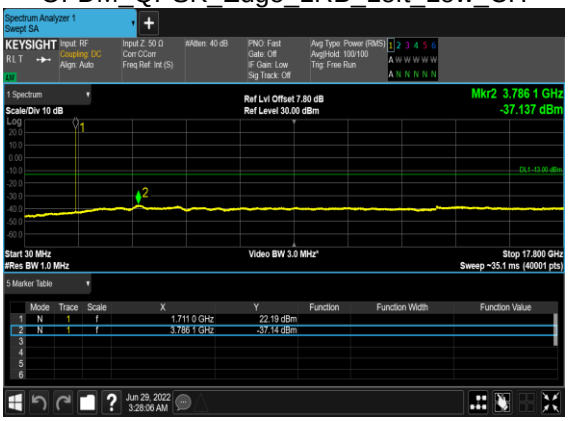
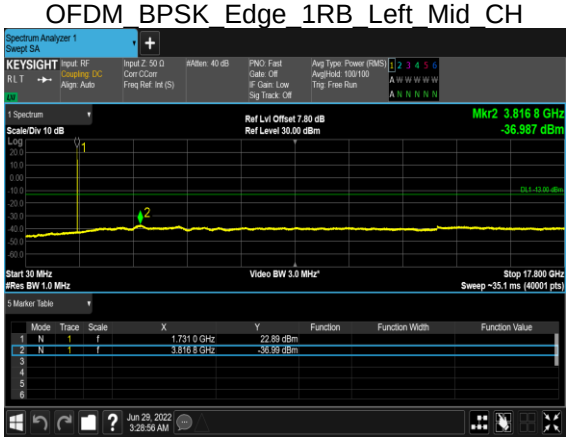
B2_N66(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B2_N66(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N66(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



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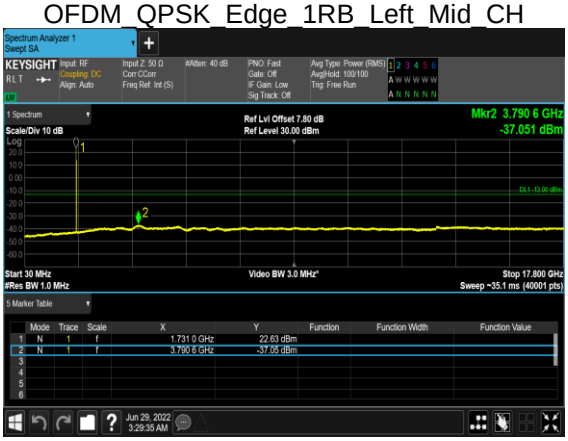
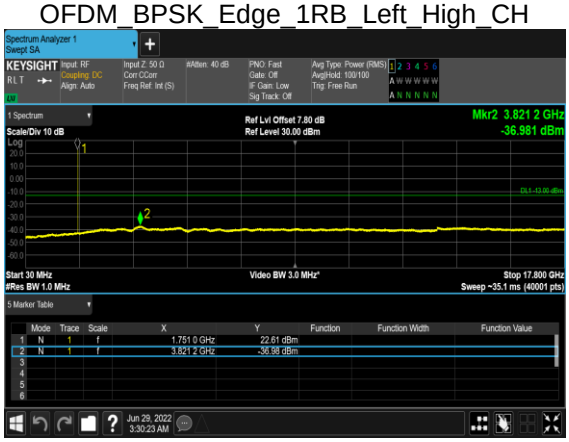
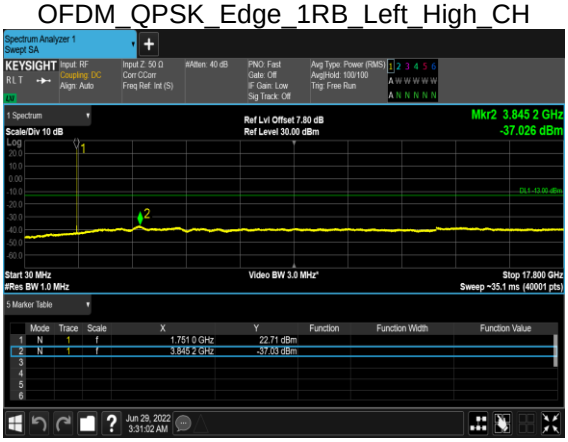


B2_N66(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



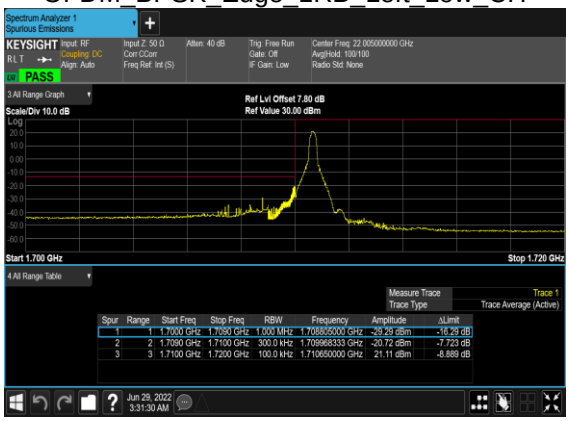
B2_N66(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



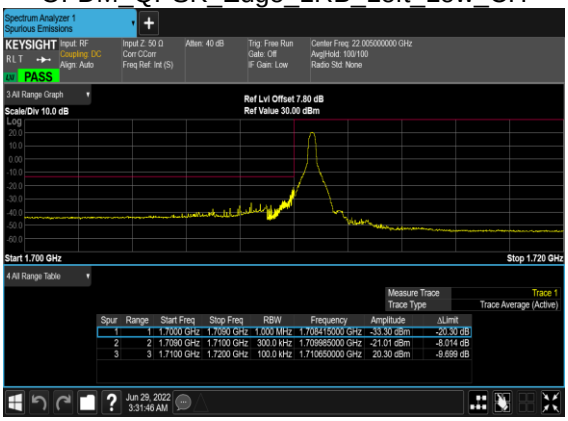
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	30	425000	1725.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	30	425000	1725.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	30	425000	1725.0	DFT-s-OFDM BPSK	160@0	see graph	**PASS**
66	15	30	425000	1725.0	DFT-s-OFDM QPSK	160@0	see graph	**PASS**
66	15	30	433000	1765.0	DFT-s-OFDM BPSK	1@159	see graph	**PASS**
66	15	30	433000	1765.0	DFT-s-OFDM QPSK	1@159	see graph	**PASS**
66	15	30	433000	1765.0	DFT-s-OFDM BPSK	160@0	see graph	**PASS**
66	15	30	433000	1765.0	DFT-s-OFDM QPSK	160@0	see graph	**PASS**

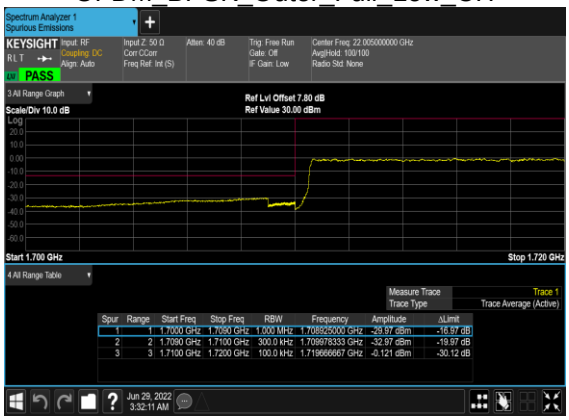
B2_N66(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



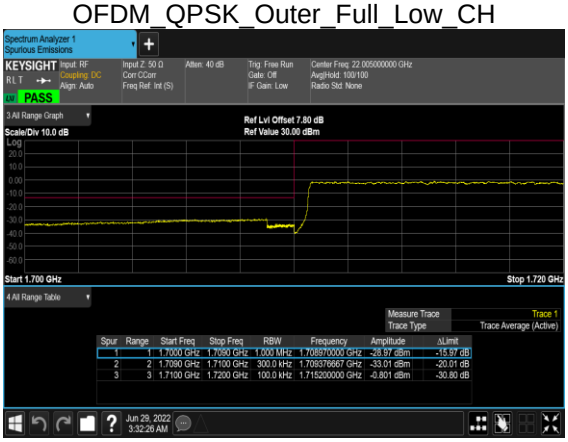
B2_N66(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



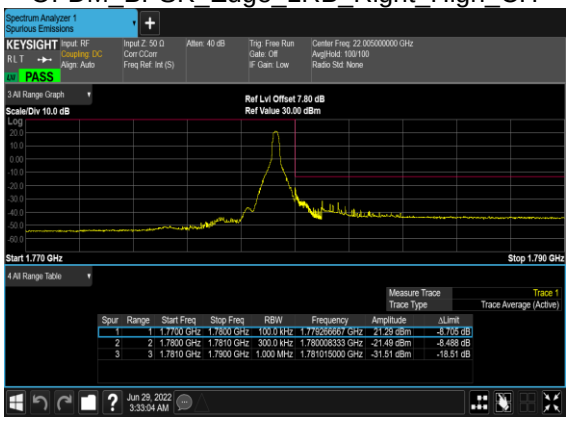
B2_N66(30M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



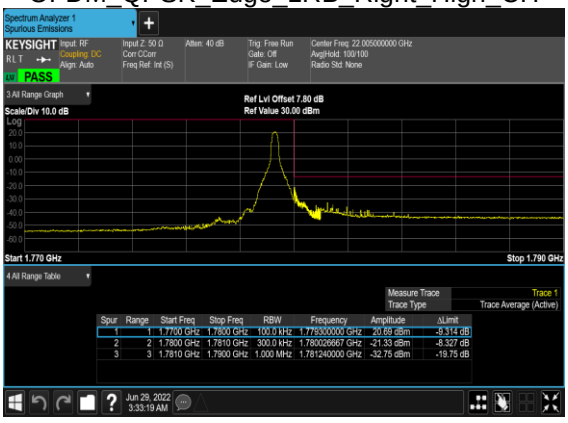
B2_N66(30M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



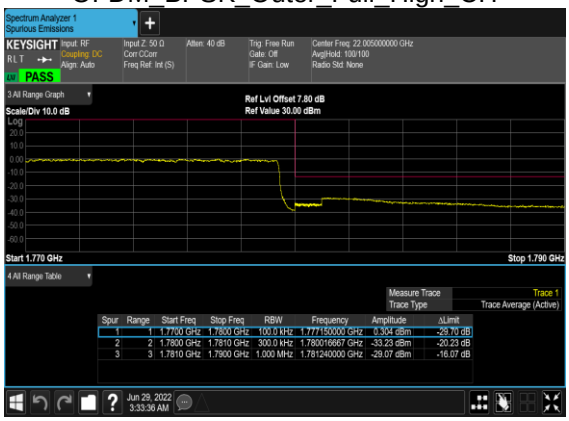
B2_N66(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



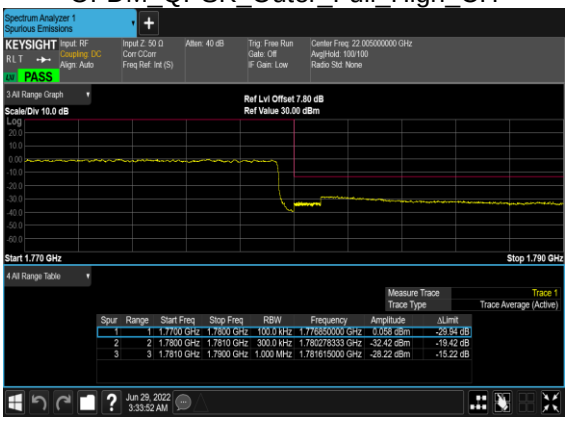
B2_N66(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N66(30M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B2_N66(30M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

n2 / NR 20MHz / QPSK / ANT0(NR)								
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	3702	-56.71	-13	-43.71	-68.97	2.64	14.90	H
	5553	-54.09	-13	-41.09	-65.95	2.94	14.80	H
	7404	-52.84	-13	-39.84	-62.61	3.39	13.16	H
	3702	-57.11	-13	-44.11	-69.37	2.64	14.90	V
	5553	-54.22	-13	-41.22	-66.08	2.94	14.80	V
	7404	-52.78	-13	-39.78	-62.55	3.39	13.16	V
Middle	3741	-54.52	-13	-41.52	-66.78	2.64	14.90	H
	5613	-51.50	-13	-38.50	-63.36	2.94	14.80	H
	7488	-51.62	-13	-38.62	-61.39	3.39	13.16	H
	3741	-56.83	-13	-43.83	-69.09	2.64	14.90	V
	5613	-52.97	-13	-39.97	-64.83	2.94	14.80	V
	7488	-51.70	-13	-38.70	-61.47	3.39	13.16	V
Highest	3783	-55.65	-13	-42.65	-67.91	2.64	14.90	H
	5673	-53.15	-13	-40.15	-65.01	2.94	14.80	H
	7560	-52.33	-13	-39.33	-62.10	3.39	13.16	H
	3783	-56.85	-13	-43.85	-69.11	2.64	14.90	V
	5673	-53.55	-13	-40.55	-65.41	2.94	14.80	V
	7560	-51.84	-13	-38.84	-61.61	3.39	13.16	V

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

EN-DC_7A_n2A / LTE 20MHz + NR 20MHz / QPSK / ANT2(LTE) & ANT0(NR)								
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	-56.20	-13	-43.20	-68.46	2.64	14.90	H
	5550	-54.34	-13	-41.34	-66.20	2.94	14.80	H
	7410	-52.05	-13	-39.05	-61.82	3.39	13.16	H
	3705	-56.20	-13	-43.20	-68.46	2.64	14.90	V
	5550	-53.41	-13	-40.41	-65.27	2.94	14.80	V
	7410	-51.85	-13	-38.85	-61.62	3.39	13.16	V
Middle	3741	-56.73	-13	-43.73	-68.99	2.64	14.90	H
	5613	-54.53	-13	-41.53	-66.39	2.94	14.80	H
	7488	-51.19	-13	-38.19	-60.96	3.39	13.16	H
	3741	-56.91	-13	-43.91	-69.17	2.64	14.90	V
	5613	-55.02	-13	-42.02	-66.88	2.94	14.80	V
	7488	-51.27	-13	-38.27	-61.04	3.39	13.16	V
Highest	3780	-54.17	-13	-41.17	-66.43	2.64	14.90	H
	5670	-53.95	-13	-40.95	-65.81	2.94	14.80	H
	7560	-51.12	-13	-38.12	-60.89	3.39	13.16	H
	3780	-56.48	-13	-43.48	-68.74	2.64	14.90	V
	5670	-54.39	-13	-41.39	-66.25	2.94	14.80	V
	7560	-51.50	-13	-38.50	-61.27	3.39	13.16	V

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

n5 / NR 20MHz / QPSK / ANT0(NR)								
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	-65.27	-13	-52.27	-72.24	1.58	10.70	H
	2472	-61.12	-13	-48.12	-69.37	2.10	12.50	H
	3304	-60.36	-13	-47.36	-69.25	2.86	13.90	H
	1648	-64.19	-13	-51.19	-71.16	1.58	10.70	V
	2472	-59.29	-13	-46.29	-67.54	2.10	12.50	V
	3304	-60.09	-13	-47.09	-68.98	2.86	13.90	V
Middle	1656	-64.95	-13	-51.95	-71.92	1.58	10.70	H
	2480	-58.39	-13	-45.39	-66.64	2.10	12.50	H
	3312	-60.07	-13	-47.07	-68.96	2.86	13.90	H
	1656	-64.41	-13	-51.41	-71.38	1.58	10.70	V
	2480	-59.03	-13	-46.03	-67.28	2.10	12.50	V
	3312	-59.97	-13	-46.97	-68.86	2.86	13.90	V
Highest	1656	-65.66	-13	-52.66	-72.63	1.58	10.70	H
	2488	-61.21	-13	-48.21	-69.46	2.10	12.50	H
	3320	-60.26	-13	-47.26	-69.15	2.86	13.90	H
	1656	-64.73	-13	-51.73	-71.70	1.58	10.70	V
	2488	-59.36	-13	-46.36	-67.61	2.10	12.50	V
	3320	-60.17	-13	-47.17	-69.06	2.86	13.90	V

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

EN-DC_7A_n5A / LTE 20MHz + NR 20MHz / QPSK / ANT2(LTE) & ANT0(NR)								
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	-64.71	-13	-51.71	-71.68	1.58	10.70	H
	2472	-60.03	-13	-47.03	-68.28	2.10	12.50	H
	3304	-59.62	-13	-46.62	-68.51	2.86	13.90	H
	1648	-63.69	-13	-50.69	-70.66	1.58	10.70	V
	2472	-58.33	-13	-45.33	-66.58	2.10	12.50	V
	3304	-59.88	-13	-46.88	-68.77	2.86	13.90	V
Middle	1656	-64.67	-13	-51.67	-71.64	1.58	10.70	H
	2480	-59.70	-13	-46.70	-67.95	2.10	12.50	H
	3112	-59.33	-13	-46.33	-68.22	2.86	13.90	H
	1656	-64.73	-13	-51.73	-71.70	1.58	10.70	V
	2480	-60.31	-13	-47.31	-68.56	2.10	12.50	V
	3112	-59.27	-13	-46.27	-68.16	2.86	13.90	V
Highest	1664	-64.92	-13	-51.92	-71.89	1.58	10.70	H
	2488	-59.69	-13	-46.69	-67.94	2.10	12.50	H
	3320	-59.89	-13	-46.89	-68.78	2.86	13.90	H
	1664	-64.55	-13	-51.55	-71.52	1.58	10.70	V
	2488	-59.03	-13	-46.03	-67.28	2.10	12.50	V
	3320	-59.97	-13	-46.97	-68.86	2.86	13.90	V

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

n7 / NR 50MHz / QPSK / ANT0(NR)								
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	5005	-62.59	-25	-37.59	-72.80	3.03	13.24	H
	7510	-57.93	-25	-32.93	-67.38	3.56	13.01	H
	10010	-62.09	-25	-37.09	-71.61	3.92	13.44	H
	5005	-61.62	-25	-36.62	-71.83	3.03	13.24	V
	7510	-57.92	-25	-32.92	-67.37	3.56	13.01	V
	10010	-62.38	-25	-37.38	-71.90	3.92	13.44	V
Middle	5020	-60.74	-25	-35.74	-70.95	3.03	13.24	H
	7532	-50.17	-25	-25.17	-59.62	3.56	13.01	H
	10040	-59.11	-25	-34.11	-68.63	3.92	13.44	H
	5020	-62.10	-25	-37.10	-72.31	3.03	13.24	V
	7532	-49.90	-25	-24.90	-59.35	3.56	13.01	V
	10040	-60.59	-25	-35.59	-70.11	3.92	13.44	V
Highest	5050	-63.02	-25	-38.02	-73.23	3.03	13.24	H
	7570	-54.06	-25	-29.06	-63.51	3.56	13.01	H
	10090	-61.18	-25	-36.18	-70.70	3.92	13.44	H
	5050	-62.06	-25	-37.06	-72.27	3.03	13.24	V
	7570	-51.04	-25	-26.04	-60.49	3.56	13.01	V
	10090	-61.69	-25	-36.69	-71.21	3.92	13.44	V

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

EN-DC_2A_n7A / LTE 20MHz + NR 20MHz / QPSK / ANT0(LTE) & ANT2(NR)								
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	5000	-61.92	-25	-36.92	-72.13	3.03	13.24	H
	7504	-56.92	-25	-31.92	-66.37	3.56	13.01	H
	10000	-61.85	-25	-36.85	-71.37	3.92	13.44	H
	5000	-55.16	-25	-30.16	-65.37	3.03	13.24	V
	7504	-42.04	-25	-17.04	-51.49	3.56	13.01	V
	10000	-61.87	-25	-36.87	-71.39	3.92	13.44	V
Middle	5052	-57.43	-25	-32.43	-67.64	3.03	13.24	H
	7576	-57.36	-25	-32.36	-66.81	3.56	13.01	H
	10100	-61.63	-25	-36.63	-71.15	3.92	13.44	H
	5052	-53.97	-25	-28.97	-64.18	3.03	13.24	V
	7576	-52.97	-25	-27.97	-62.42	3.56	13.01	V
	10100	-61.84	-25	-36.84	-71.36	3.92	13.44	V
Highest	5100	-62.17	-25	-37.17	-72.38	3.03	13.24	H
	7652	-57.11	-25	-32.11	-66.56	3.56	13.01	H
	10200	-61.20	-25	-36.20	-70.72	3.92	13.44	H
	5100	-63.03	-25	-38.03	-73.24	3.03	13.24	V
	7652	-53.86	-25	-28.86	-63.31	3.56	13.01	V
	10200	-61.43	-25	-36.43	-70.95	3.92	13.44	V

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

N38 / NR 40MHz / QPSK / ANT0(NR)								
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	5144	-63.90	-25	-38.90	-74.11	3.03	13.24	H
	7720	-48.62	-25	-23.62	-58.07	3.56	13.01	H
	10290	-61.38	-25	-36.38	-70.90	3.92	13.44	H
	5144	-63.68	-25	-38.68	-73.89	3.03	13.24	V
	7720	-45.33	-25	-20.33	-54.78	3.56	13.01	V
	10290	-61.74	-25	-36.74	-71.26	3.92	13.44	V
Middle	5156	-63.44	-25	-38.44	-73.65	3.03	13.24	H
	7732	-51.00	-25	-26.00	-60.45	3.56	13.01	H
	10310	-61.59	-25	-36.59	-71.11	3.92	13.44	H
	5156	-63.43	-25	-38.43	-73.64	3.03	13.24	V
	7732	-45.26	-25	-20.26	-54.71	3.56	13.01	V
	10310	-61.91	-25	-36.91	-71.43	3.92	13.44	V
Highest	5165	-62.24	-25	-37.24	-72.45	3.03	13.24	H
	7750	-50.68	-25	-25.68	-60.13	3.56	13.01	H
	10330	-61.39	-25	-36.39	-70.91	3.92	13.44	H
	5165	-61.04	-25	-36.04	-71.25	3.03	13.24	V
	7750	-51.55	-25	-26.55	-61.00	3.56	13.01	V
	10330	-61.54	-25	-36.54	-71.06	3.92	13.44	V

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

n41 / NR 100MHz / QPSK / ANT2(NR)								
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	4996	-58.65	-25	-33.65	-68.86	3.03	13.24	H
	7492	-49.08	-25	-24.08	-58.53	3.56	13.01	H
	10000	-61.76	-25	-36.76	-71.28	3.92	13.44	H
	4996	-54.90	-25	-29.90	-65.11	3.03	13.24	V
	7492	-49.70	-25	-24.70	-59.15	3.56	13.01	V
	10000	-62.01	-25	-37.01	-71.53	3.92	13.44	V
Middle	5088	-56.65	-25	-31.65	-66.86	3.03	13.24	H
	7632	-55.74	-25	-30.74	-65.19	3.56	13.01	H
	10190	-60.49	-25	-35.49	-70.01	3.92	13.44	H
	5088	-56.22	-25	-31.22	-66.43	3.03	13.24	V
	7632	-51.49	-25	-26.49	-60.94	3.56	13.01	V
	10190	-60.23	-25	-35.23	-69.75	3.92	13.44	V
Highest	5184	-57.28	-25	-32.28	-67.49	3.03	13.24	H
	7780	-53.26	-25	-28.26	-62.71	3.56	13.01	H
	10380	-60.61	-25	-35.61	-70.13	3.92	13.44	H
	5184	-55.80	-25	-30.80	-66.01	3.03	13.24	V
	7780	-52.26	-25	-27.26	-61.71	3.56	13.01	V
	10380	-61.44	-25	-36.44	-70.96	3.92	13.44	V

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

n66 / NR 20MHz / QPSK / ANT0(NR)								
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	3423	-58.15	-13	-45.15	-68.89	2.604	13.34	H
	5133	-54.28	-13	-41.28	-64.79	3.011	13.52	H
	6840	-53.53	-13	-40.53	-63.73	3.271	13.47	H
	3423	-58.54	-13	-45.54	-69.28	2.604	13.34	V
	5133	-55.19	-13	-42.19	-65.70	3.011	13.52	V
	6840	-53.95	-13	-40.95	-64.15	3.271	13.47	V
Middle	3471	-58.09	-13	-45.09	-68.83	2.604	13.34	H
	5208	-51.08	-13	-38.08	-61.59	3.011	13.52	H
	6948	-53.43	-13	-40.43	-63.63	3.271	13.47	H
	3471	-58.31	-13	-45.31	-69.05	2.604	13.34	V
	5208	-53.84	-13	-40.84	-64.35	3.011	13.52	V
	6948	-53.73	-13	-40.73	-63.93	3.271	13.47	V
Highest	3522	-48.55	-13	-35.55	-59.29	2.604	13.34	H
	5283	-44.56	-13	-31.56	-55.07	3.011	13.52	H
	7044	-53.96	-13	-40.96	-64.16	3.271	13.47	H
	3522	-48.80	-13	-35.80	-59.54	2.604	13.34	V
	5283	-45.64	-13	-32.64	-56.15	3.011	13.52	V
	7044	-53.70	-13	-40.70	-63.90	3.271	13.47	V

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

EN-DC_2A_n66A / LTE 20MHz + NR 30MHz / QPSK / ANT2(LTE) & ANT0(NR)								
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	3441	-54.40	-13	-41.40	-65.14	2.604	13.34	H
	5163	-53.97	-13	-40.97	-64.48	3.011	13.52	H
	6888	-53.79	-13	-40.79	-63.99	3.271	13.47	H
	3441	-58.25	-13	-45.25	-68.99	2.604	13.34	V
	5163	-53.16	-13	-40.16	-63.67	3.011	13.52	V
	6888	-53.80	-13	-40.80	-64.00	3.271	13.47	V
Middle	3471	-56.99	-13	-43.99	-67.73	2.604	13.34	H
	5208	-49.11	-13	-36.11	-59.62	3.011	13.52	H
	6948	-53.15	-13	-40.15	-63.35	3.271	13.47	H
	3471	-58.59	-13	-45.59	-69.33	2.604	13.34	V
	5205	-37.74	-13	-24.74	-48.25	3.011	13.52	V
	6948	-53.64	-13	-40.64	-63.84	3.271	13.47	V
Highest	3501	-57.96	-13	-44.96	-68.70	2.604	13.34	H
	5253	-51.83	-13	-38.83	-62.34	3.011	13.52	H
	7008	-53.42	-13	-40.42	-63.62	3.271	13.47	H
	3501	-58.18	-13	-45.18	-68.92	2.604	13.34	V
	5253	-52.82	-13	-39.82	-63.33	3.011	13.52	V
	7008	-53.41	-13	-40.41	-63.61	3.271	13.47	V

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