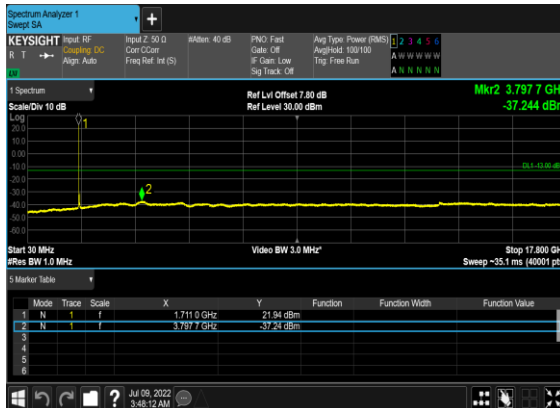
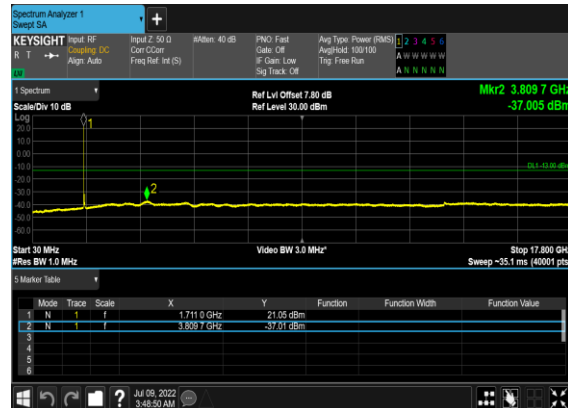


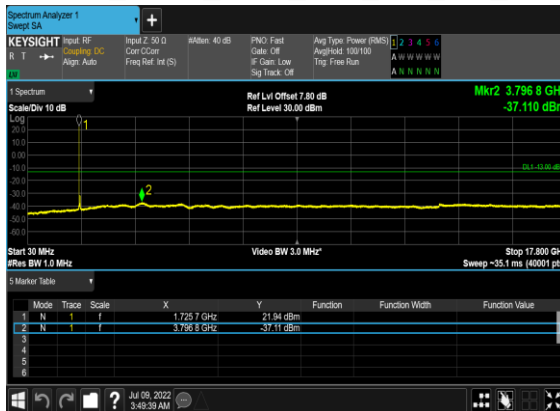
B2_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



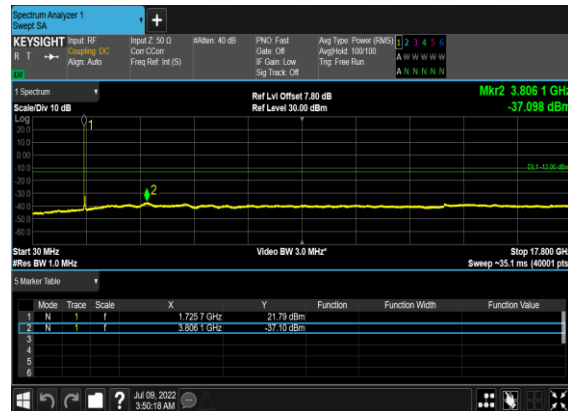
B2_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



B2_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



B2_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



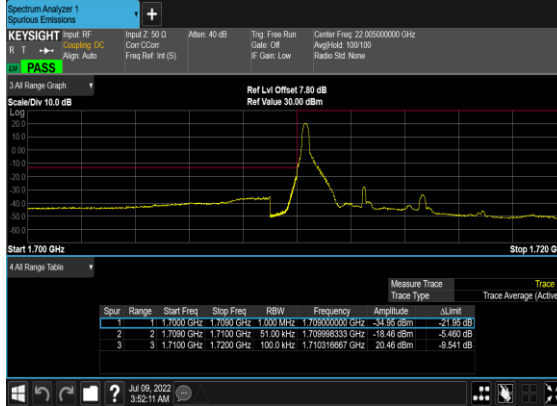
B2_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



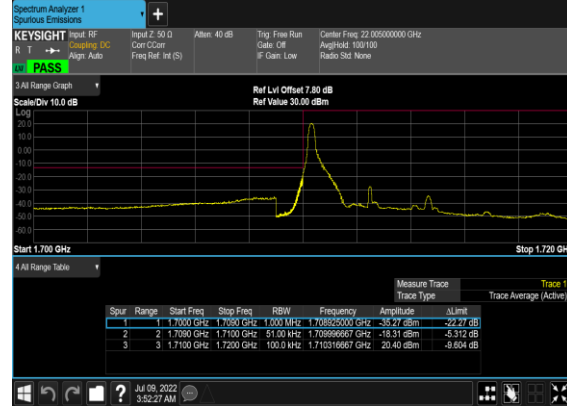
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	216@0	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	1@215	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@215	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	216@0	see graph	PASS

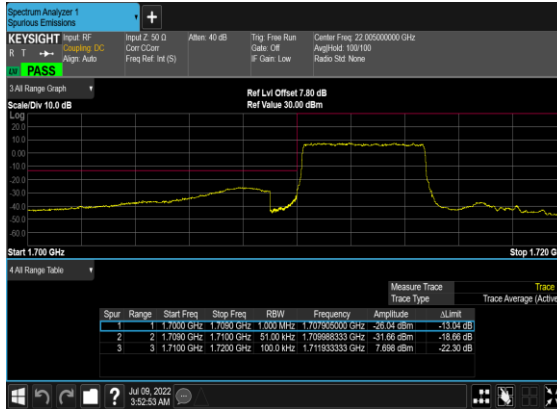
B2_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



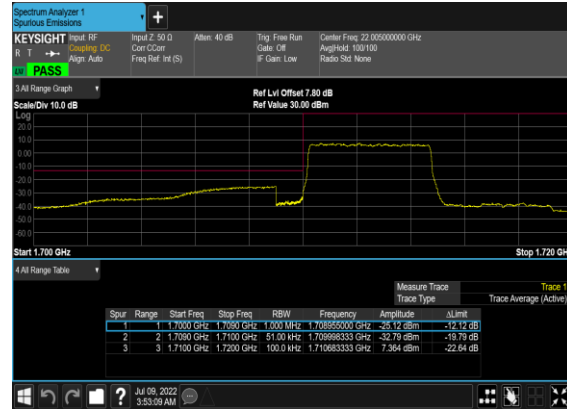
B2_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



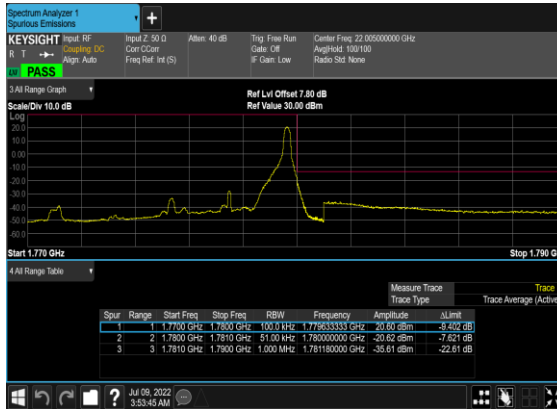
B2_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



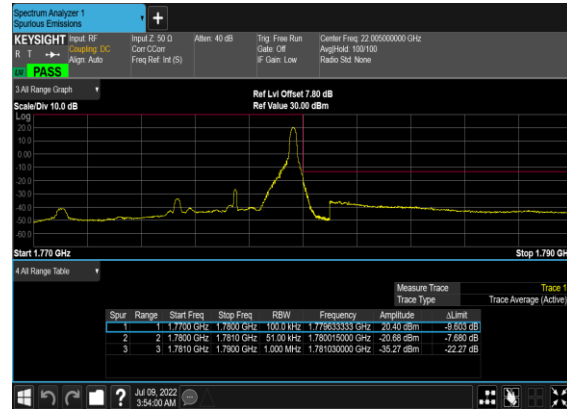
B2_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B2_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



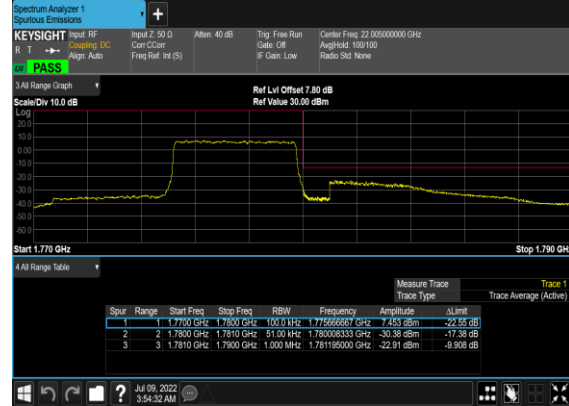
B2_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



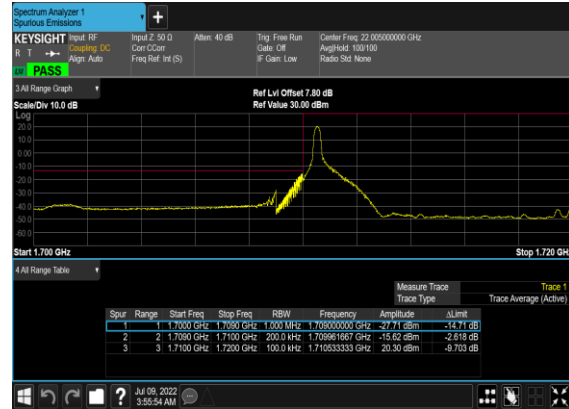
B2_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



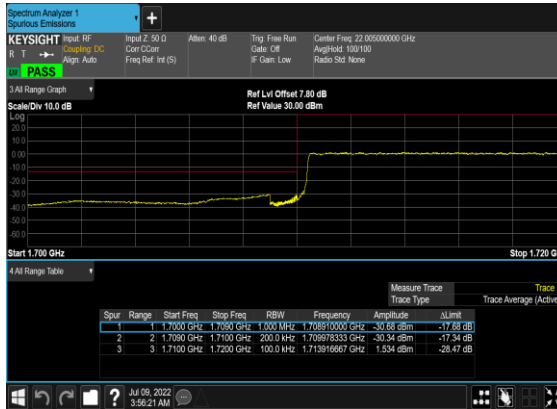
B2_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



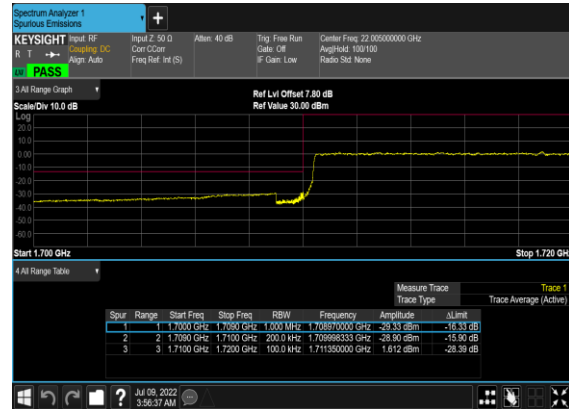
B2_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



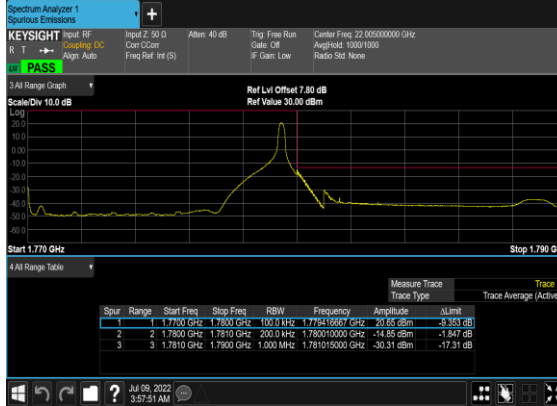
B2_N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



B2_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B2_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



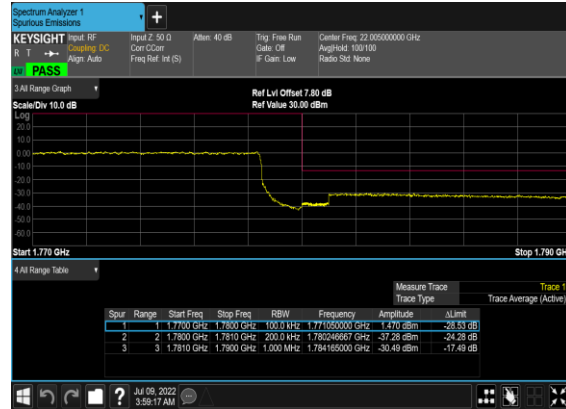
B2_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



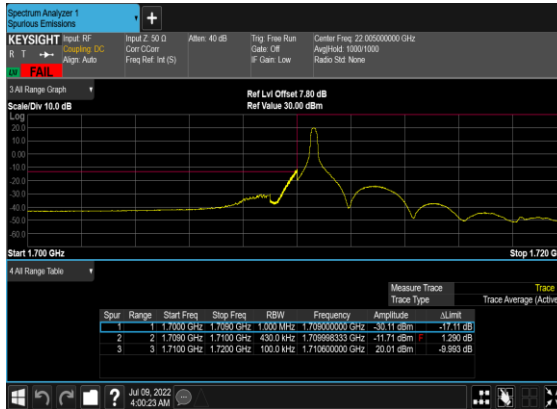
B2_N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



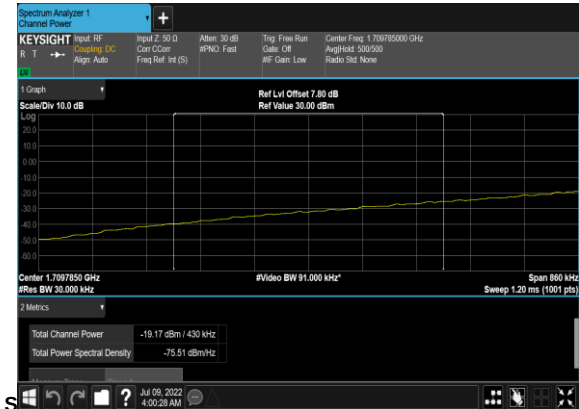
B2_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



B2_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



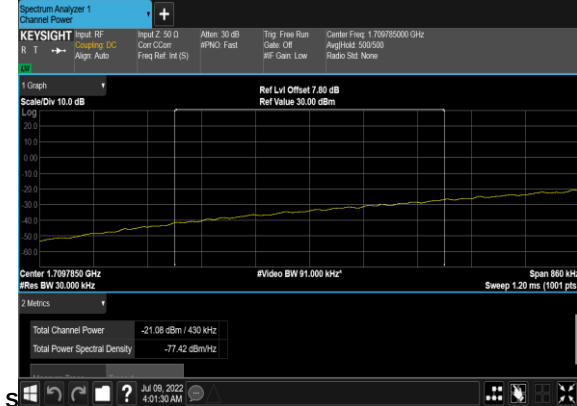
B2_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PAS



B2_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



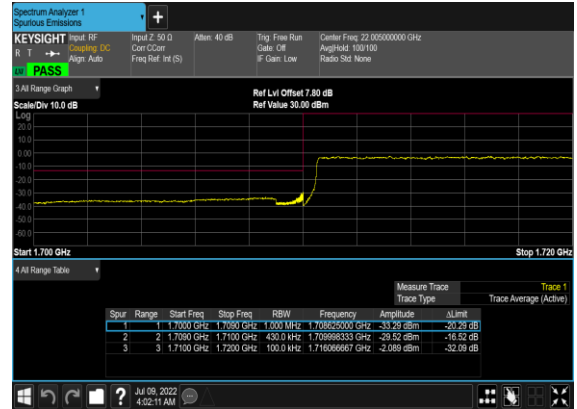
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OFDM_QPSK_Edge_1RB_Left_Low_CH_chp_PAS



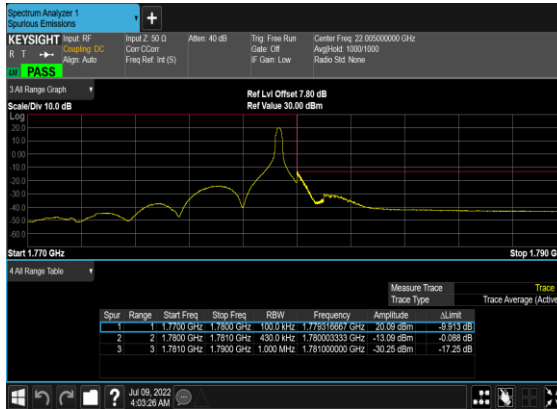
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OFDM_BPSK_Outer_Full_Low_CH



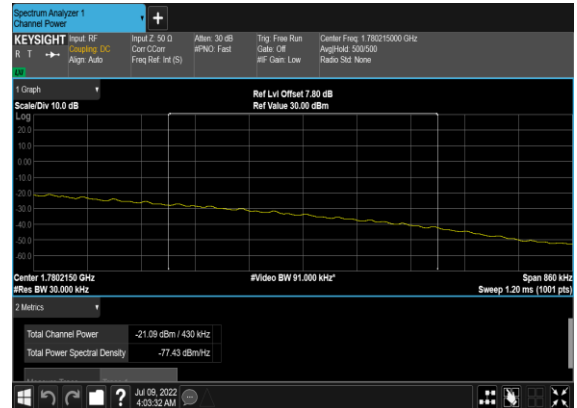
B2_N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



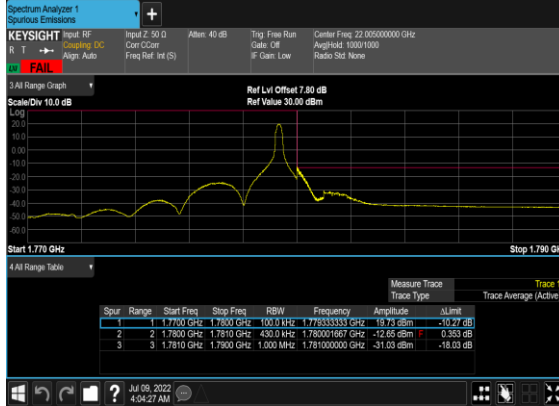
B2_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



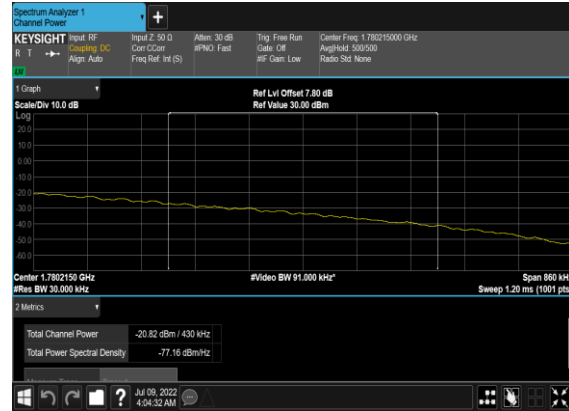
B2_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH_chp_P
ASS



B2_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_P
ASS



B2_N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B2_N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Kuang Jia and WenBo Xiao	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antenna combinations for EN-DC mode, we choose the worst combination to test.

n2 SA / NR 20MHz / QPSK / ANT14(NR)									
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)
Middle	3741.5	-61.71	-13	-48.71	-78.34	-68.46	5.85	12.60	H
	5612.25	-59.84	-13	-46.84	-79.33	-65.64	7.30	13.10	H
	7483	-55.47	-13	-42.47	-79.22	-58.62	8.35	11.50	H
	3741.5	-62.04	-13	-49.04	-78.29	-68.79	5.85	12.60	V
	5612.25	-60.80	-13	-47.80	-79.8	-66.60	7.30	13.10	V
	7483	-55.27	-13	-42.27	-79.41	-58.42	8.35	11.50	V

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

n5 SA / NR 20MHz / QPSK / ANT11(NR)									
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)
Middle	1654.5	-67.16	-13	-54.16	-74.39	-70.41	4.00	9.40	H
	2481.75	-64.44	-13	-51.44	-76.06	-68.01	4.88	10.60	H
	3309	-62.48	-13	-49.48	-77.41	-67.41	5.52	12.60	H
	1654.5	-67.12	-13	-54.12	-74.43	-70.37	4.00	9.40	V
	2481.75	-64.45	-13	-51.45	-76.13	-68.02	4.88	10.60	V
	3309	-62.69	-13	-49.69	-77.56	-67.62	5.52	12.60	V

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



n7 SA / NR 50MHz / QPSK / ANT14(NR)									
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)
Middle	5051.50	-61.07	-25	-36.07	-80.68	-66.63	7.14	12.70	H
	7577.25	-55.72	-25	-30.72	-79.32	-59.02	8.30	11.60	H
	10103.00	-52.98	-25	-27.98	-79.92	-54.50	10.48	12.00	H
	5051.50	-61.09	-25	-36.09	-80.59	-66.65	7.14	12.70	V
	7577.25	-55.30	-25	-30.30	-79.38	-58.60	8.30	11.60	V
	10103.00	-54.31	-25	-29.31	-79.91	-55.83	10.48	12.00	V

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

EN-DC_2A_n7A / LTE 20MHz + NR 50MHz / QPSK / ANT31(LTE) & ANT12(NR)									
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)
n7 Middle	5051.50	-61.24	-25	-36.24	-80.85	-66.80	7.14	12.70	H
	7577.25	-55.54	-25	-30.54	-79.14	-58.84	8.30	11.60	H
	10103.00	-52.99	-25	-27.99	-79.93	-54.51	10.48	12.00	H
	5051.50	-61.18	-25	-36.18	-80.68	-66.74	7.14	12.70	V
	7577.25	-55.12	-25	-30.12	-79.2	-58.42	8.30	11.60	V
	10103.00	-54.47	-25	-29.47	-80.07	-55.99	10.48	12.00	V
B2 Middle	3742.18	-61.74	-13	-48.74	-78.37	-68.49	5.85	12.60	H
	5613.27	-60.29	-13	-47.29	-79.81	-66.09	7.30	13.10	H
	7484.36	-55.88	-13	-42.88	-79.63	-59.03	8.35	11.50	H
	3742.18	-62.00	-13	-49.00	-78.25	-68.75	5.85	12.60	V
	5613.27	-61.01	-13	-48.01	-80.01	-66.81	7.30	13.10	V
	7484.36	-55.40	-13	-42.40	-79.54	-58.55	8.35	11.50	V

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

n41 SA / NR 100MHz / QPSK / ANT12(NR)									
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)
Middle	5182.80	-60.87	-25	-35.87	-80.50	-66.43	7.14	12.70	H
	7774.20	-55.85	-25	-30.85	-79.06	-59.15	8.30	11.60	H
	10365.60	-52.93	-25	-27.93	-79.83	-54.45	10.48	12.00	H
	5182.80	-61.55	-25	-36.55	-80.84	-67.11	7.14	12.70	V
	7774.20	-54.98	-25	-29.98	-78.85	-58.28	8.30	11.60	V
	10365.60	-53.69	-25	-28.69	-79.64	-55.21	10.48	12.00	V

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



n66 SA / NR 40MHz / QPSK / ANT14(NR)									
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)
Middle	3451.84	-62.19	-13	-49.19	-77.37	-68.94	5.85	12.60	H
	5177.76	-60.76	-13	-47.76	-80.39	-66.56	7.30	13.10	H
	6903.68	-58.22	-13	-45.22	-80.34	-61.37	8.35	11.50	H
	3451.84	-62.10	-13	-49.10	-77.3	-68.85	5.85	12.60	V
	5177.76	-61.61	-13	-48.61	-80.9	-67.41	7.30	13.10	V
	6903.68	-57.51	-13	-44.51	-79.96	-60.66	8.35	11.50	V

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

EN-DC_7A_n66A / LTE 20MHz + NR 40MHz / QPSK / ANT31(LTE) & ANT14(NR)									
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)
n66 Middle	3451.6	-62.59	-13	-49.59	-77.77	-69.34	5.85	12.60	H
	5177.4	-61.29	-13	-48.29	-80.92	-67.09	7.30	13.10	H
	6903.2	-58.33	-13	-45.33	-80.46	-61.48	8.35	11.50	H
	3451.6	-62.78	-13	-49.78	-77.98	-69.53	5.85	12.60	V
	5177.4	-61.40	-13	-48.40	-80.69	-67.20	7.30	13.10	V
	6903.2	-57.52	-13	-44.52	-79.98	-60.67	8.35	11.50	V
B7 Middle	5052.18	-60.81	-25	-35.81	-80.42	-66.37	7.14	12.70	H
	7578.27	-55.93	-25	-30.93	-79.53	-59.23	8.30	11.60	H
	10104.36	-53.26	-25	-28.26	-80.20	-54.78	10.48	12.00	H
	5052.18	-61.46	-25	-36.46	-80.96	-67.02	7.14	12.70	V
	7578.27	-55.10	-25	-30.10	-79.18	-58.40	8.30	11.60	V
	10104.36	-54.69	-25	-29.69	-80.29	-56.21	10.48	12.00	V

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