

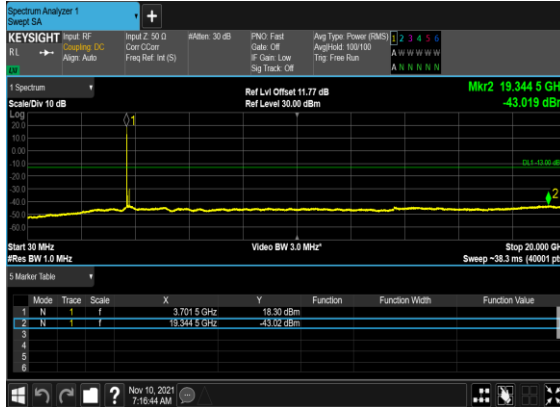
B41_N78(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



B41_N78(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



B41_N78(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



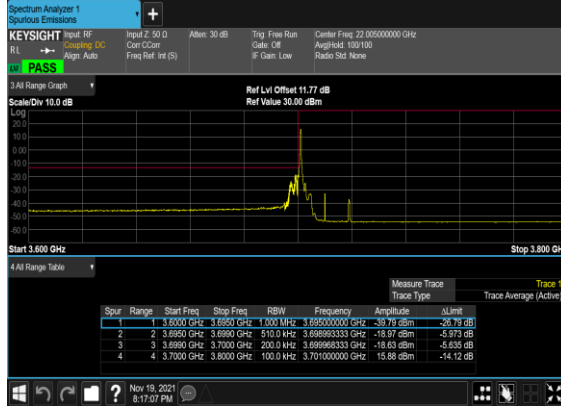
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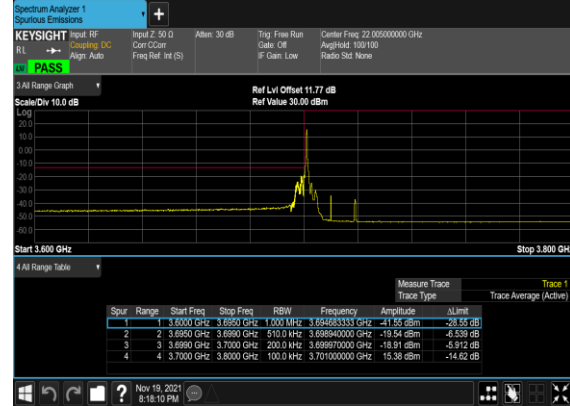
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	20	647334	3710.01	DFT-s-OFDM BPSK	50@0	see graph	PASS
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM BPSK	1@50	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@50	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM BPSK	50@0	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM BPSK	162@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	162@0	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM BPSK	1@161	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@161	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM BPSK	162@0	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	162@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

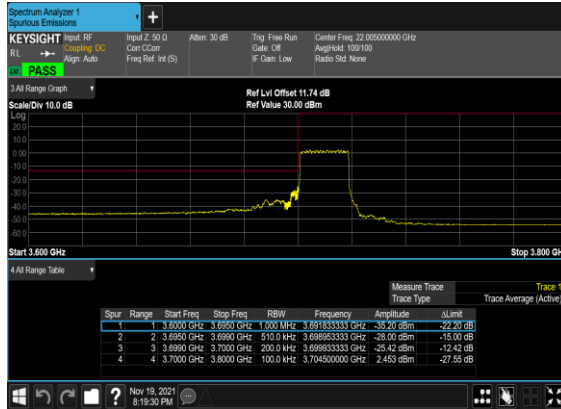
B41_N78(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



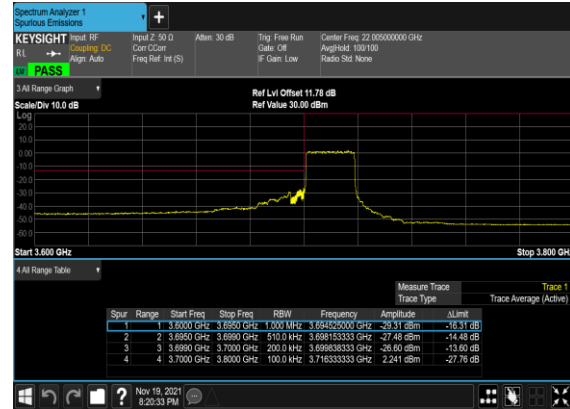
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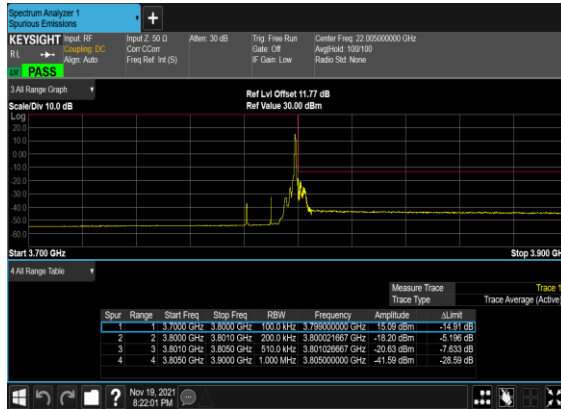
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OFDM_BPSK_Outer_Full_Low_CH



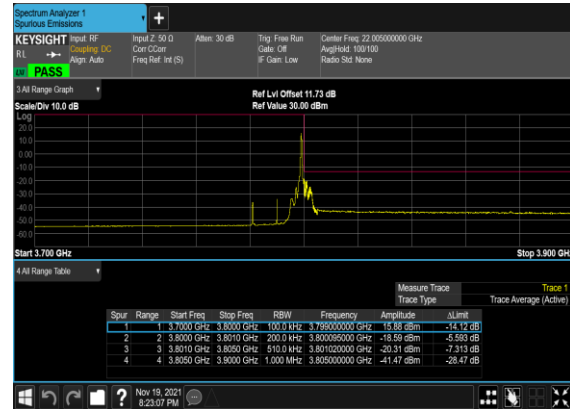
B41_N78(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B41_N78(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



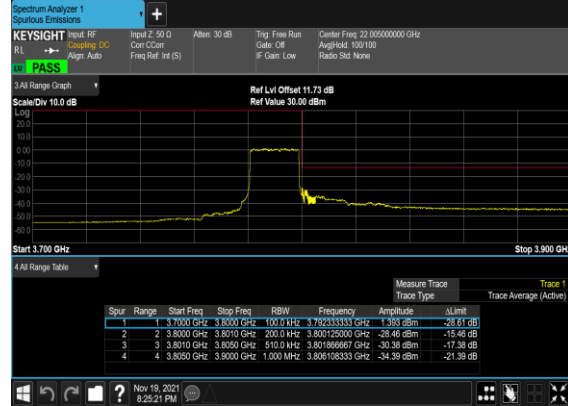
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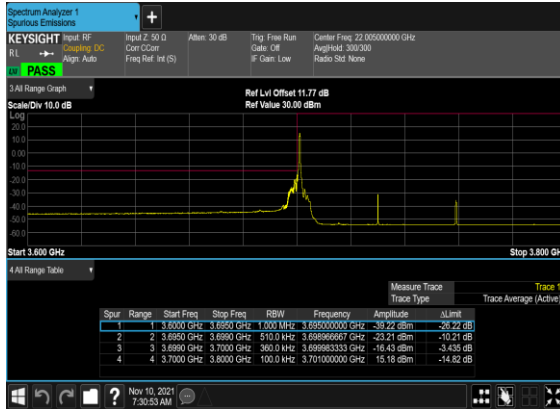
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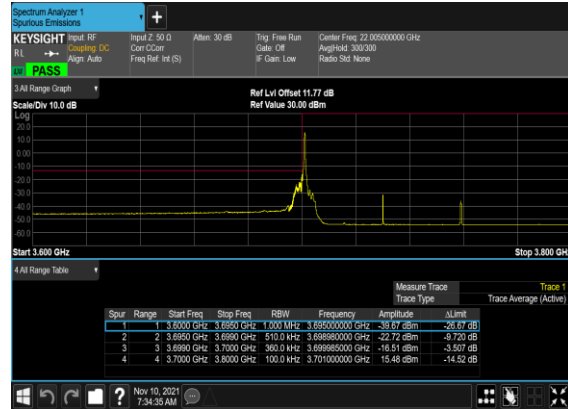
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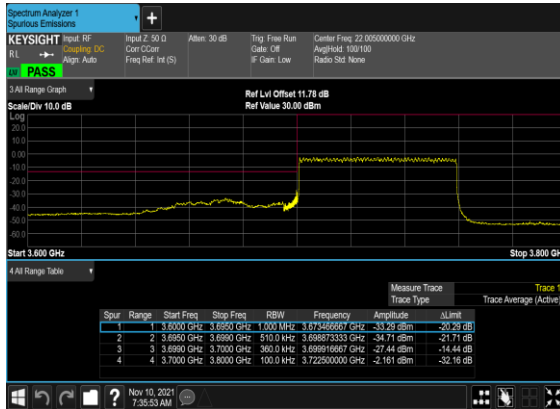
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OFDM_BPSK_Edge_1RB_Left_Low_CH



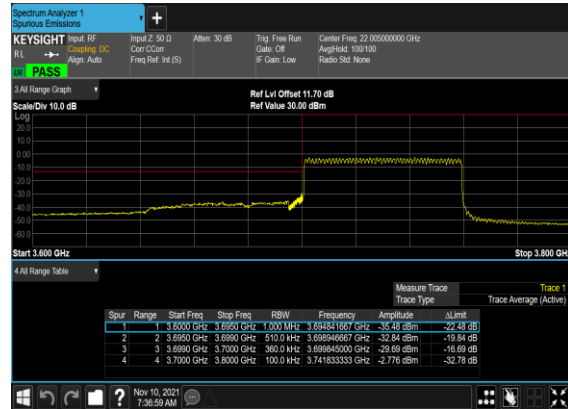
B41_N78(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B41_N78(60M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



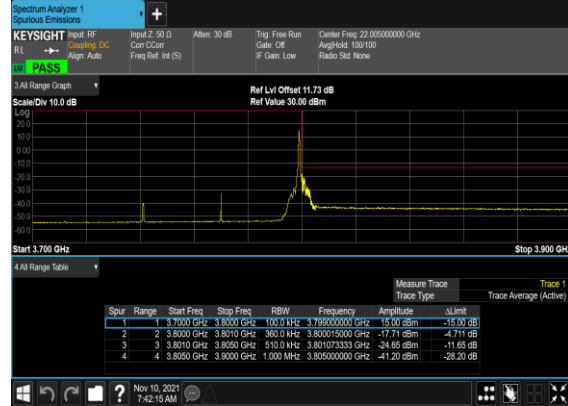
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OFDM_QPSK_Outer_Full_Low_CH



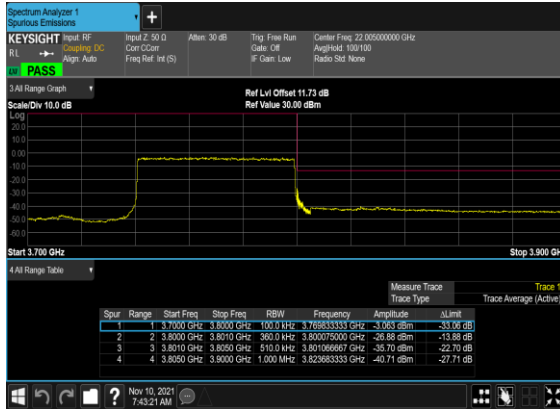
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OFDM_BPSK_Edge_1RB_Right_High_CH



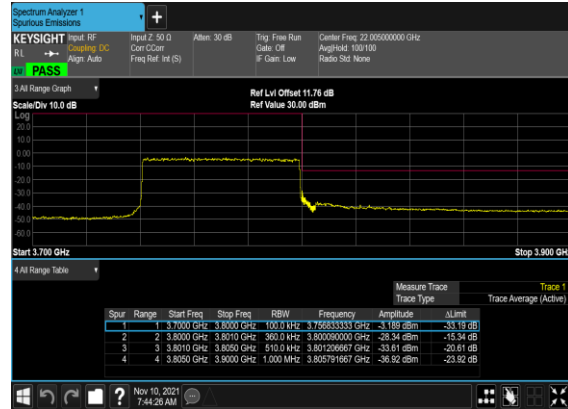
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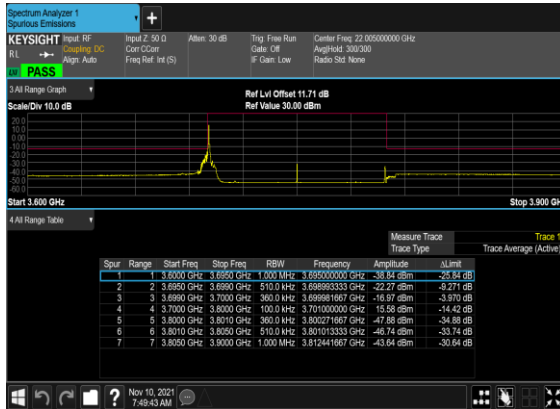
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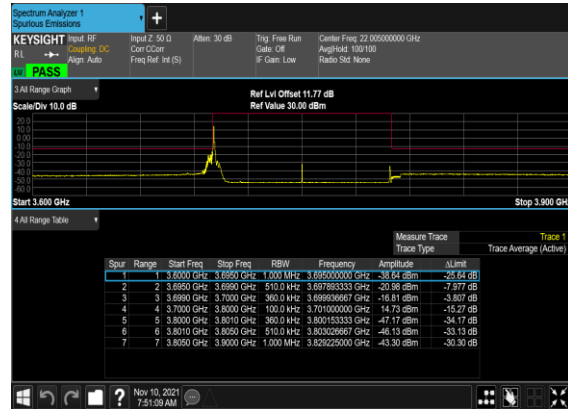
B41_N78(60M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



B41_N78(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



B41_N78(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



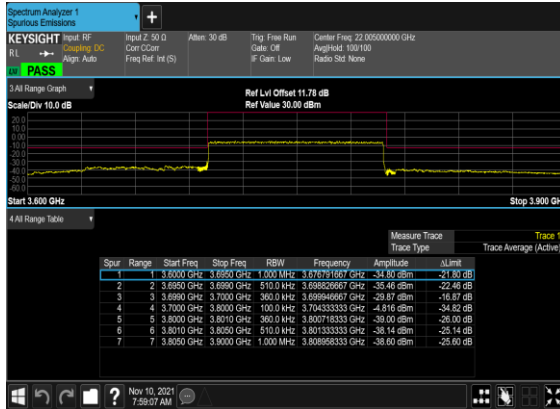
B41_N78(100M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_Mid_CH



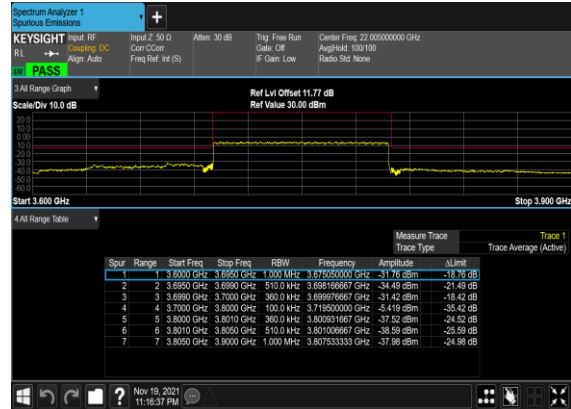
B41_N78(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_Mid_CH



B41_N78(100M)_DFT-s- OFDM_BPSK_Outer_Full_Mid_CH



B41_N78(100M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Levi Zhuo	Temperature :	22~23°C
		Relative Humidity :	41~42%

EN-DC_7A_n5A / LTE 10MHz + NR 20MHz / QPSK / ANT1(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)
Middle	1656	-66.70	-13	-53.70	-73.67	1.58	10.70	H
	2482	-62.37	-13	-49.37	-70.62	2.10	12.50	H
	3312	-61.86	-13	-48.86	-70.75	2.86	13.90	H
	1656	-65.39	-13	-52.39	-72.36	1.58	10.70	V
	2482	-60.27	-13	-47.27	-68.52	2.10	12.50	V
	3312	-62.01	-13	-49.01	-70.90	2.86	13.90	V

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

SA n7 / 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)
Middle	5032	-61.36	-25	-36.36	-71.57	3.03	13.24	H
	7548	-48.82	-25	-23.82	-58.27	3.56	13.01	H
	10070	-59.79	-25	-34.79	-69.31	3.92	13.44	H
	5032	-60.35	-25	-35.35	-70.56	3.03	13.24	V
	7548	-50.26	-25	-25.26	-59.71	3.56	13.01	V
	10070	-59.84	-25	-34.84	-69.36	3.92	13.44	V

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

EN-DC_5A_n7A / LTE 10MHz + NR 40MHz / QPSK / ANT0(LTE) & ANT1(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)
Middle	5052	-61.53	-25	-36.53	-71.74	3.03	13.24	H
	7580	-60.79	-25	-35.79	-70.24	3.56	13.01	H
	10100	-59.17	-25	-34.17	-68.69	3.92	13.44	H
	5052	-62.07	-25	-37.07	-72.28	3.03	13.24	V
	7580	-60.77	-25	-35.77	-70.22	3.56	13.01	V
	10100	-60.05	-25	-35.05	-69.57	3.92	13.44	V

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



SA n38 / 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)
Middle	5156	-62.33	-25	-37.33	-72.54	3.03	13.24	H
	7732	-61.33	-25	-36.33	-70.78	3.56	13.01	H
	10310	-58.50	-25	-33.50	-68.02	3.92	13.44	H
	5156	-62.24	-25	-37.24	-72.45	3.03	13.24	V
	7732	-61.41	-25	-36.41	-70.86	3.56	13.01	V
	10310	-58.93	-25	-33.93	-68.45	3.92	13.44	V

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

EN-DC_7A_n66A / LTE 10MHz + NR 40MHz / QPSK / ANT0(LTE) & ANT1(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)
Middle	3453	-59.18	-13	-46.18	-69.92	2.60	13.34	H
	5181	-57.93	-13	-44.93	-68.44	3.01	13.52	H
	6912	-55.97	-13	-42.97	-66.17	3.27	13.47	H
	3453	-59.91	-13	-46.91	-70.65	2.60	13.34	V
	5181	-57.69	-13	-44.69	-68.20	3.01	13.52	V
	6912	-55.99	-13	-42.99	-66.19	3.27	13.47	V

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

EN-DC_41A_n77A / LTE 10MHz + NR 100MHz / 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)
Middle	7584	-59.01	-13	-46.01	-69.49	2.76	13.24	H
	11376	-44.98	-13	-31.98	-54.57	3.42	13.01	H
	15180	-57.10	-13	-44.10	-66.71	3.83	13.44	H
	7584	-59.74	-13	-46.74	-70.18	2.80	13.24	V
	11376	-50.67	-13	-37.67	-60.22	3.46	13.01	V
	15180	-57.19	-13	-44.19	-66.75	3.88	13.44	V

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



EN-DC 7A_n78A / LTE 10MHz + NR 100MHz / 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)
Middle	7404	-59.75	-13	-46.75	-70.23	2.76	13.24	H
	11106	-49.87	-13	-36.87	-59.46	3.42	13.01	H
	14820	-57.39	-13	-44.39	-67.00	3.83	13.44	H
	7404	-61.77	-13	-48.77	-72.21	2.80	13.24	V
	11106	-57.33	-13	-44.33	-66.88	3.46	13.01	V
	14820	-57.33	-13	-44.33	-66.89	3.88	13.44	V

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

SA n78 / 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)
Middle	7410	-62.23	-13	-49.23	-72.71	2.76	13.24	H
	11100	-54.09	-13	-41.09	-63.68	3.42	13.01	H
	14820	-58.98	-13	-45.98	-68.59	3.83	13.44	H
	7410	-61.11	-13	-48.11	-71.55	2.80	13.24	V
	11100	-56.44	-13	-43.44	-65.99	3.46	13.01	V
	14820	-59.20	-13	-46.20	-68.76	3.88	13.44	V

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

SA n78 / 10MHz / QPSK / ANT3(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)
Middle	7410	-61.86	-13	-48.86	-72.34	2.76	13.24	H
	11112	-58.43	-13	-45.43	-68.02	3.42	13.01	H
	14820	-58.93	-13	-45.93	-68.54	3.83	13.44	H
	7410	-60.96	-13	-47.96	-71.40	2.80	13.24	V
	11112	-57.27	-13	-44.27	-66.82	3.46	13.01	V
	14820	-58.93	-13	-45.93	-68.49	3.88	13.44	V

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



SA n78 / 100MHz / QPSK / ANT7(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)
Middle	7410	-61.24	-13	-48.24	-71.72	2.76	13.24	H
	11118	-58.42	-13	-45.42	-68.01	3.42	13.01	H
	14820	-58.94	-13	-45.94	-68.55	3.83	13.44	H
	7410	-62.20	-13	-49.20	-72.64	2.80	13.24	V
	11118	-58.25	-13	-45.25	-67.80	3.46	13.01	V
	14820	-59.28	-13	-46.28	-68.84	3.88	13.44	V

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

SA n78 / 100MHz / QPSK / ANT8(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)
Middle	7410	-61.76	-13	-48.76	-72.24	2.76	13.24	H
	11112	-56.17	-13	-43.17	-65.76	3.42	13.01	H
	14820	-58.74	-13	-45.74	-68.35	3.83	13.44	H
	7410	-61.64	-13	-48.64	-72.08	2.80	13.24	V
	11112	-57.13	-13	-44.13	-66.68	3.46	13.01	V
	14820	-58.81	-13	-45.81	-68.37	3.88	13.44	V

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