

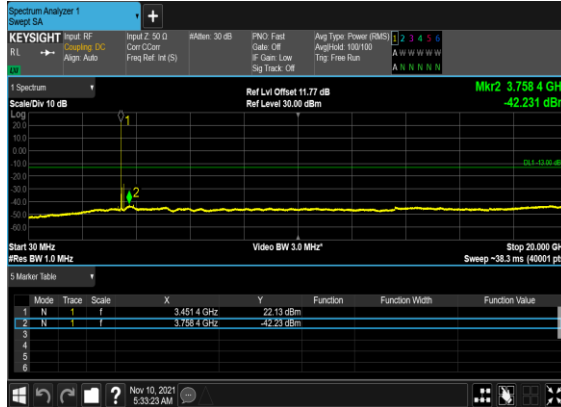
B41_N78(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



B41_N78(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



B41_N78(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



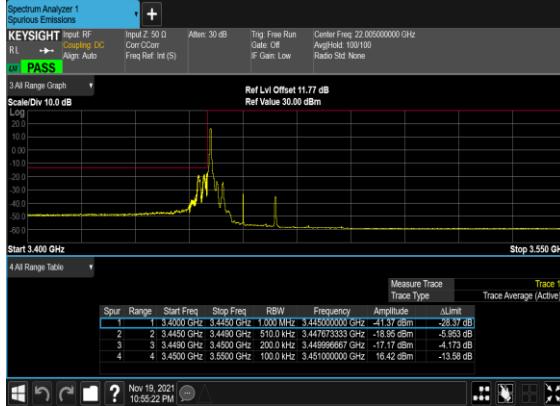
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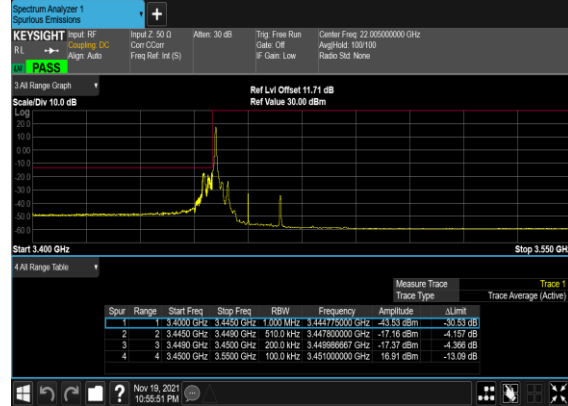
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	20	630668	3460.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	20	630668	3460.02	DFT-s-OFDM BPSK	50@0	see graph	PASS
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	30	20	636000	3540.0	DFT-s-OFDM BPSK	1@50	see graph	PASS
78	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@50	see graph	PASS
78	30	20	636000	3540.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
78	30	20	636000	3540.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	30	60	632000	3480.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	632000	3480.0	DFT-s-OFDM BPSK	162@0	see graph	PASS
78	30	60	632000	3480.0	DFT-s-OFDM QPSK	162@0	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM BPSK	1@161	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@161	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM BPSK	162@0	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	162@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@272	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@272	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	see graph	PASS

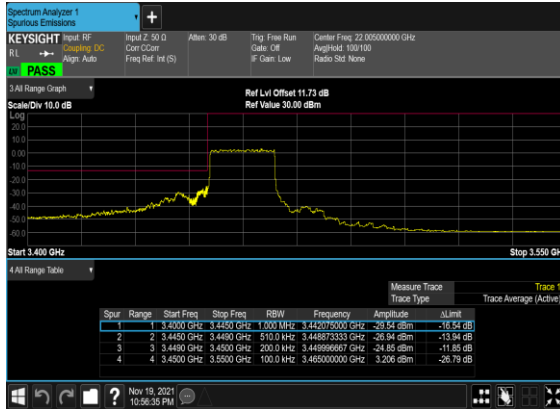
B41_N78(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



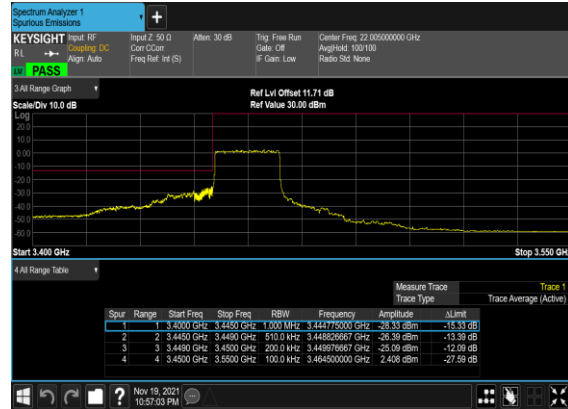
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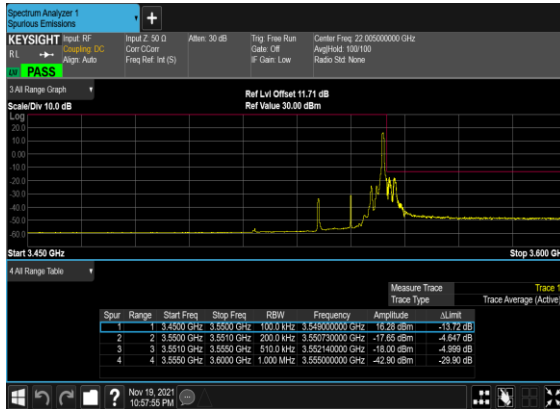
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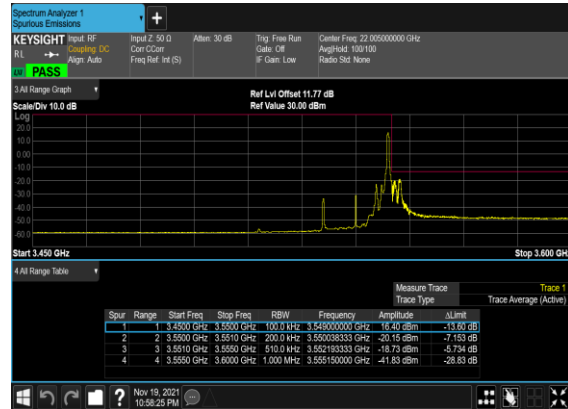
B41_N78(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B41_N78(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



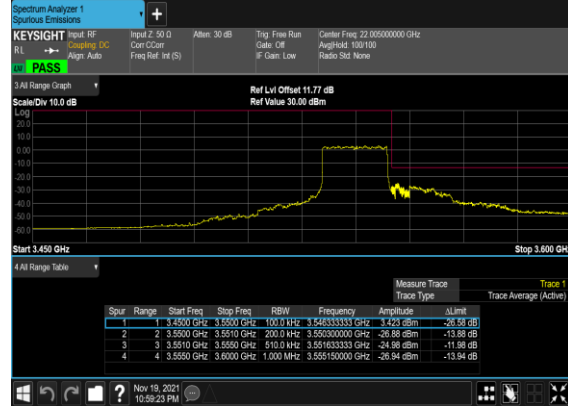
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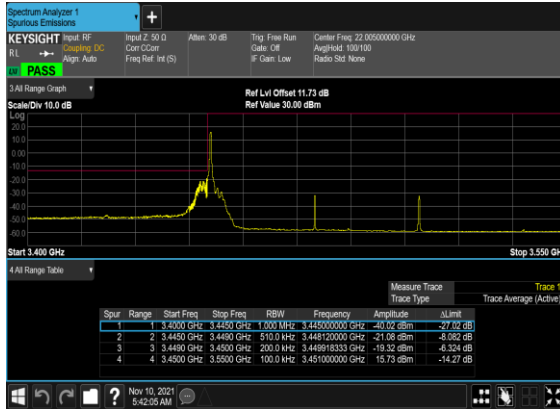
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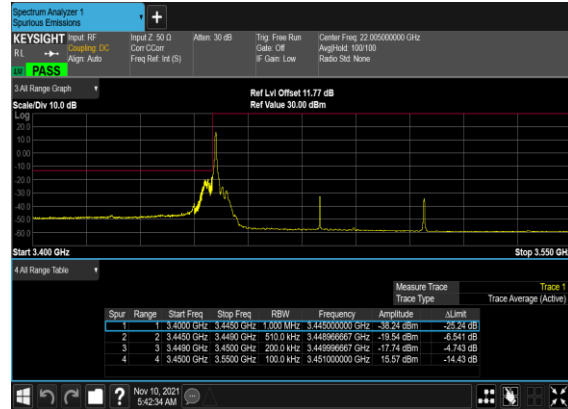
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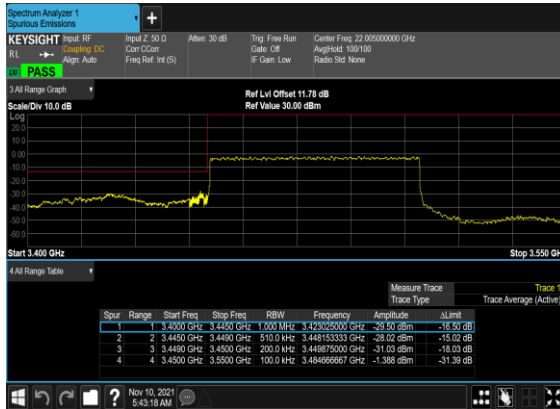
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OFDM_BPSK_Edge_1RB_Left_Low_CH



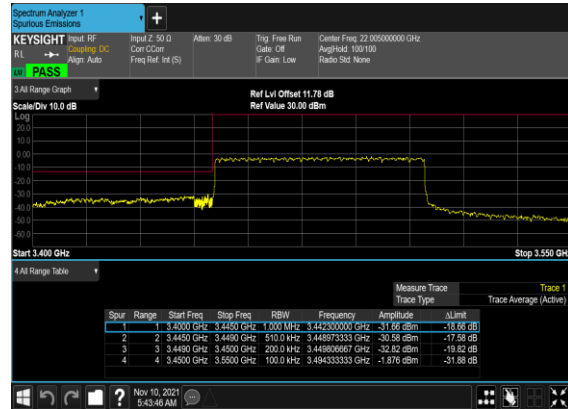
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OFDM_QPSK_Edge_1RB_Left_Low_CH



B41_N78(60M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



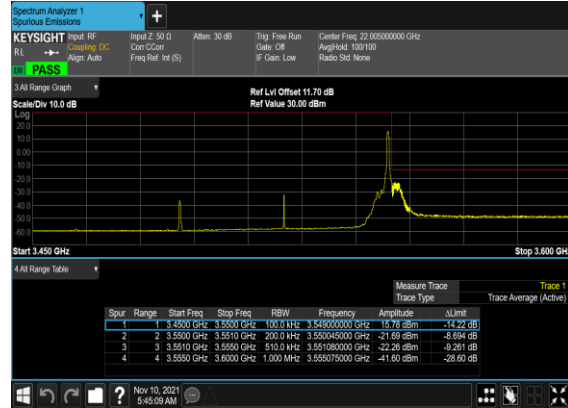
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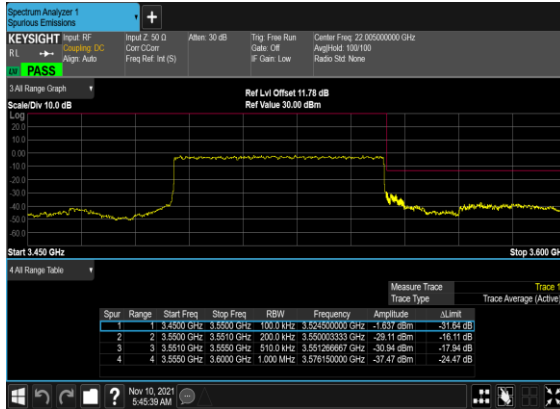
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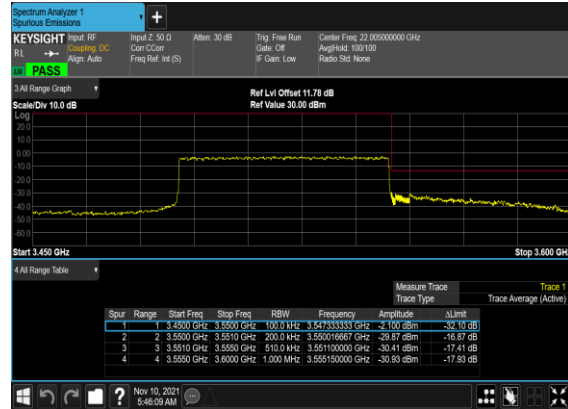
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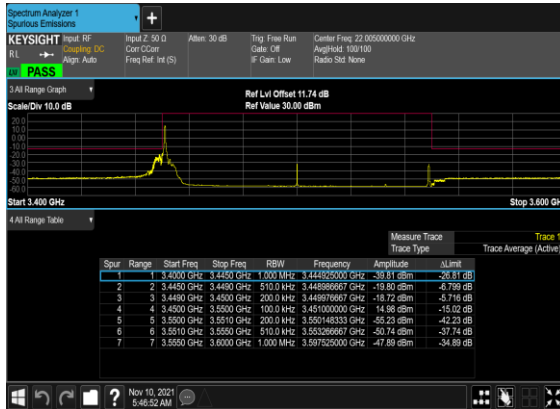
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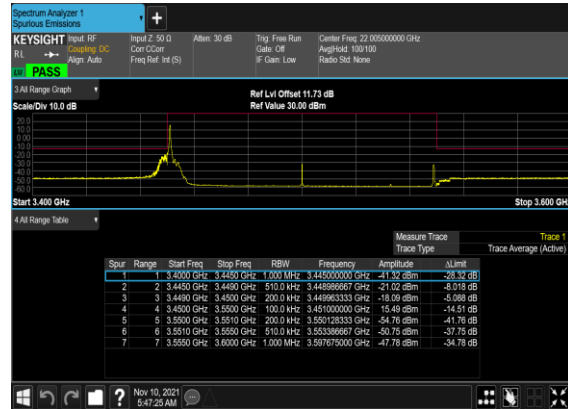
B41_N78(60M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



B41_N78(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



B41_N78(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



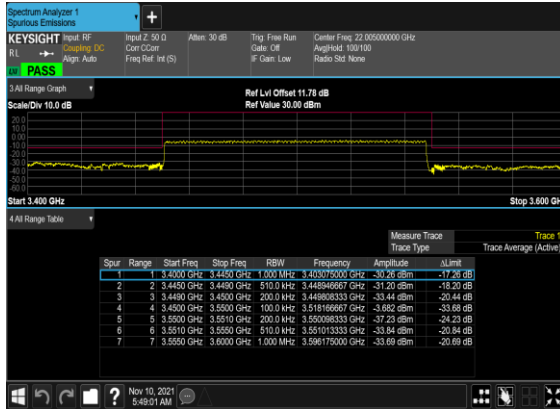
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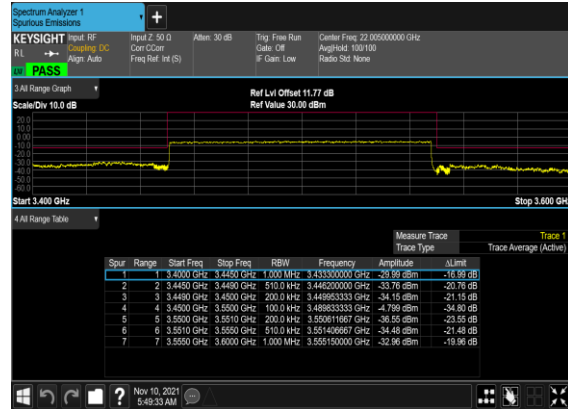
B41_N78(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_Mid_CH



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_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	6900	-58.80	-13	-45.80	-69.28	2.76	13.24	H
	10356	-51.53	-13	-38.53	-61.12	3.42	13.01	H
	13818	-58.16	-13	-45.16	-67.77	3.83	13.44	H
	6900	-56.41	-13	-43.41	-66.85	2.80	13.24	V
	10356	-59.07	-13	-46.07	-68.62	3.46	13.01	V
	13818	-58.19	-13	-45.19	-67.75	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	6900	-58.25	-13	-45.25	-68.73	2.76	13.24	H
	10356	-53.44	-13	-40.44	-63.03	3.42	13.01	H
	13818	-58.16	-13	-45.16	-67.77	3.83	13.44	H
	6900	-55.59	-13	-42.59	-66.03	2.80	13.24	V
	10356	-54.61	-13	-41.61	-64.16	3.46	13.01	V
	13818	-58.38	-13	-45.38	-67.94	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	7002	-60.18	-13	-47.18	-70.66	2.76	13.24	H
	10518	-59.06	-13	-46.06	-68.65	3.42	13.01	H
	14022	-59.66	-13	-46.66	-69.27	3.83	13.44	H
	7002	-60.06	-13	-47.06	-70.50	2.80	13.24	V
	10518	-58.42	-13	-45.42	-67.97	3.46	13.01	V
	14022	-59.07	-13	-46.07	-68.63	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	7002	-61.23	-13	-48.23	-71.71	2.76	13.24	H
	10518	-59.15	-13	-46.15	-68.74	3.42	13.01	H
	14022	-60.25	-13	-47.25	-69.86	3.83	13.44	H
	7002	-60.51	-13	-47.51	-70.95	2.80	13.24	V
	10518	-59.75	-13	-46.75	-69.30	3.46	13.01	V
	14022	-60.63	-13	-47.63	-70.19	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	7002	-60.80	-13	-47.80	-71.28	2.76	13.24	H
	10518	-58.80	-13	-45.80	-68.39	3.42	13.01	H
	14022	-60.34	-13	-47.34	-69.95	3.83	13.44	H
	7002	-59.88	-13	-46.88	-70.32	2.80	13.24	V
	10518	-59.55	-13	-46.55	-69.10	3.46	13.01	V
	14022	-60.32	-13	-47.32	-69.88	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	7002	-60.85	-13	-47.85	-71.33	2.76	13.24	H
	10518	-59.13	-13	-46.13	-68.72	3.42	13.01	H
	14022	-60.42	-13	-47.42	-70.03	3.83	13.44	H
	7002	-59.74	-13	-46.74	-70.18	2.80	13.24	V
	10518	-59.27	-13	-46.27	-68.82	3.46	13.01	V
	14022	-60.01	-13	-47.01	-69.57	3.88	13.44	V

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