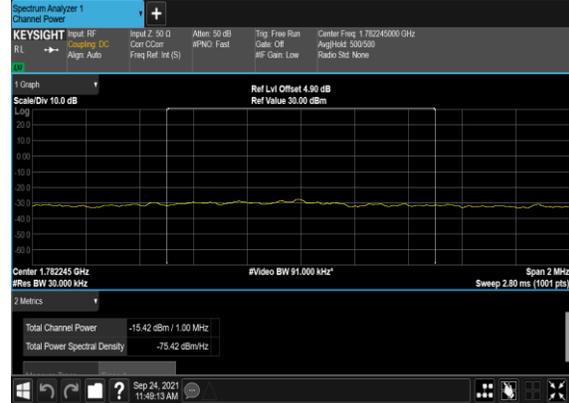


B7_N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B7_N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH_CHP_PASS



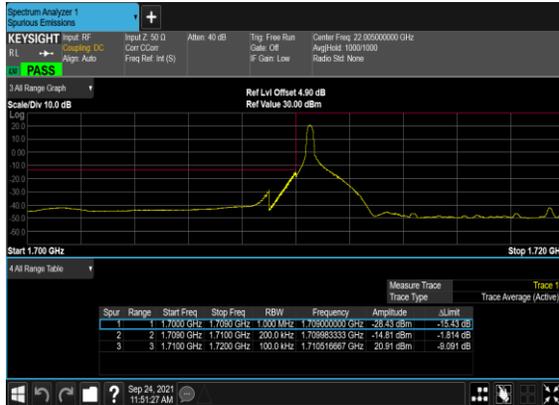
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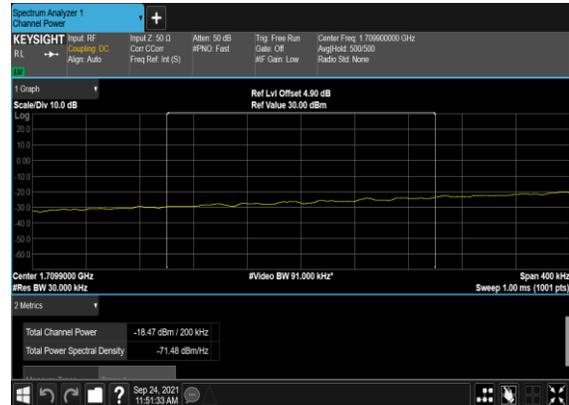
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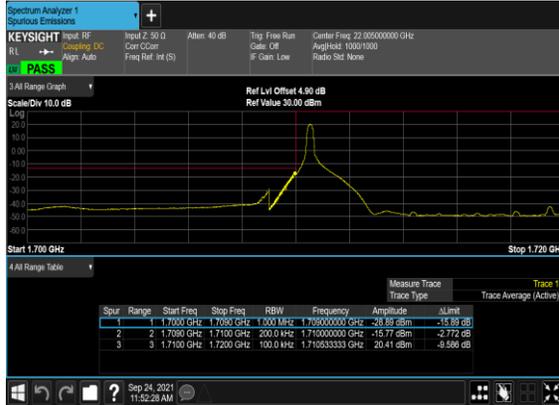
B7_N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



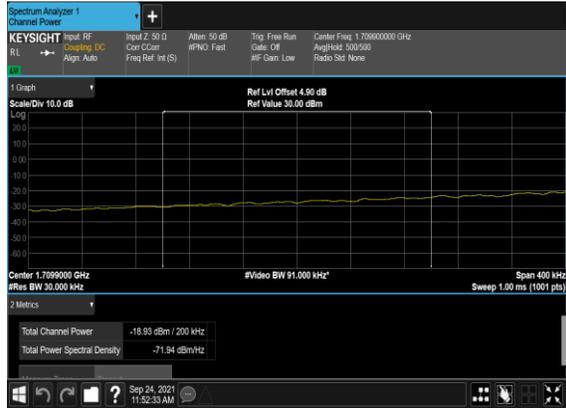
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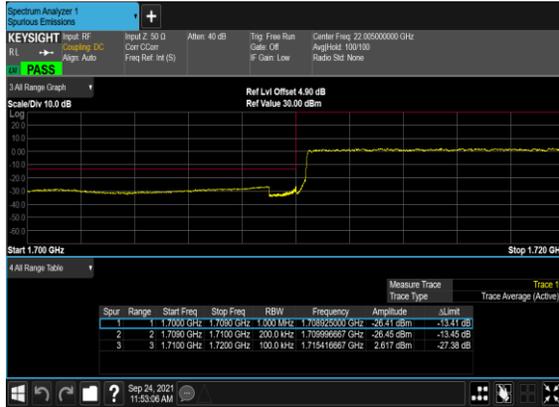
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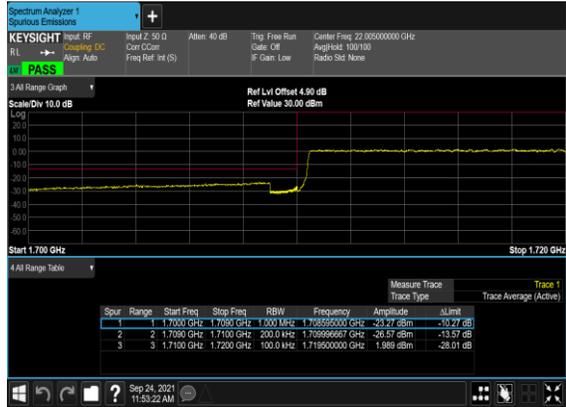
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B7_N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



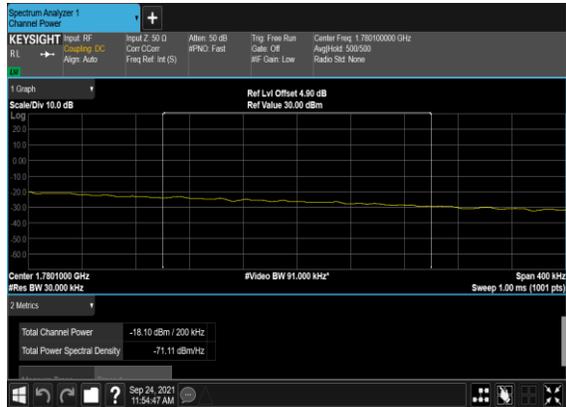
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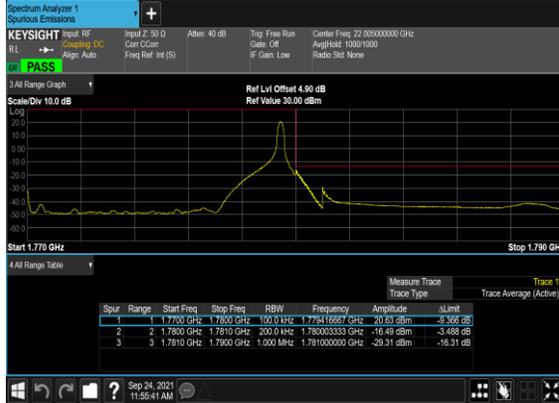
B7_N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



B7_N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_ch P_PASS



B7_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B7_N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



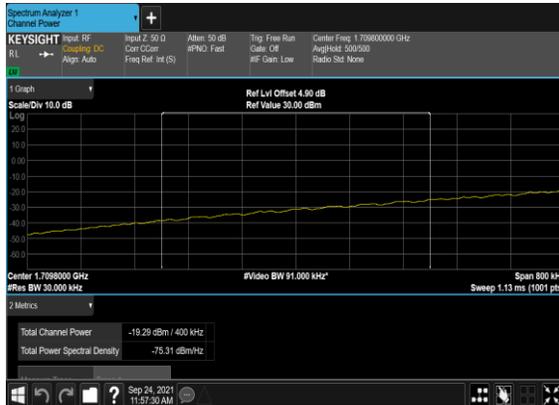
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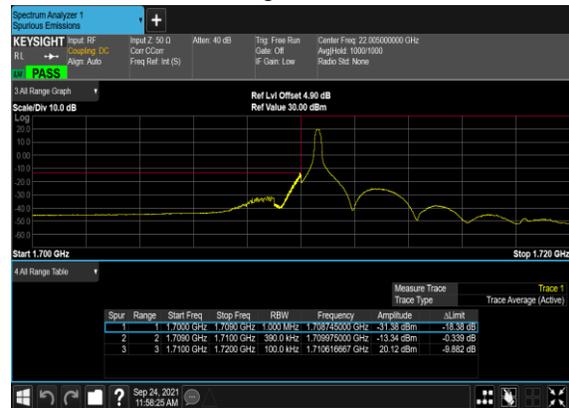
B7_N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



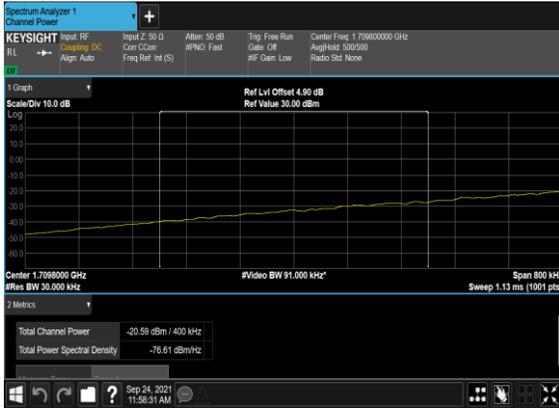
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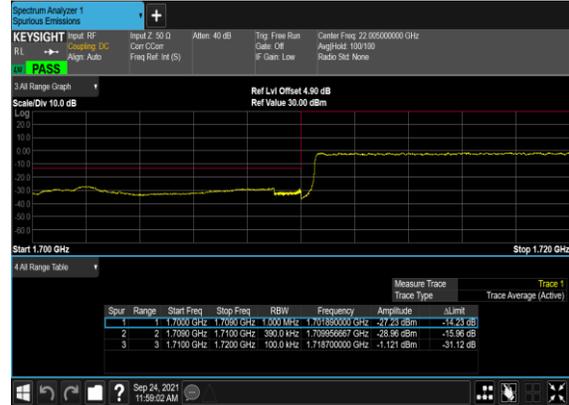
B7_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B7_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



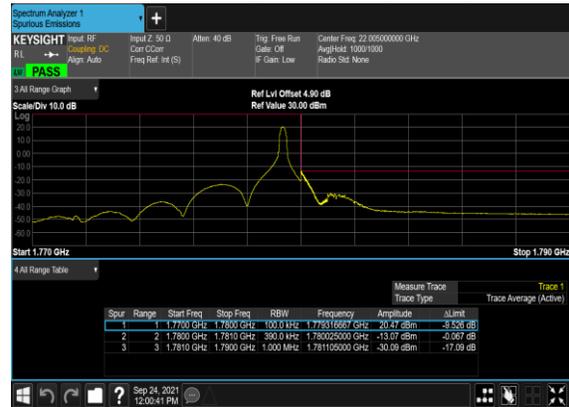
B7_N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



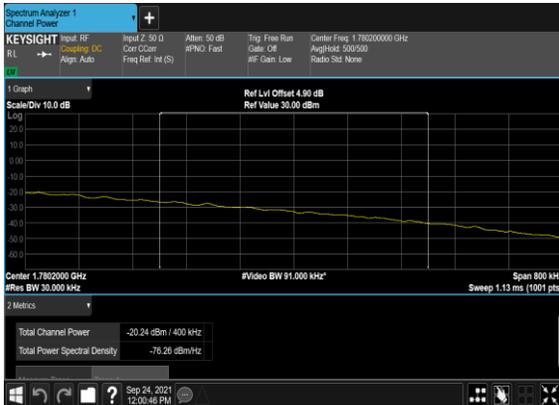
B7_N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



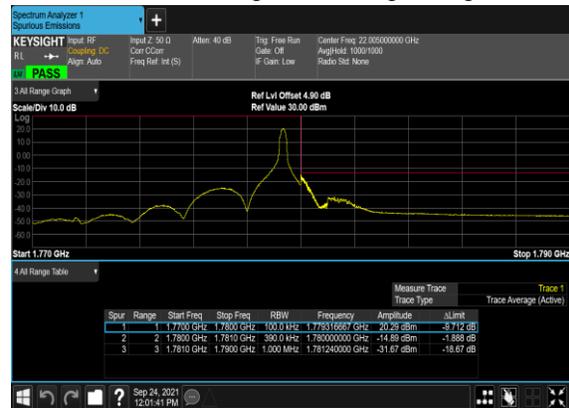
B7_N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



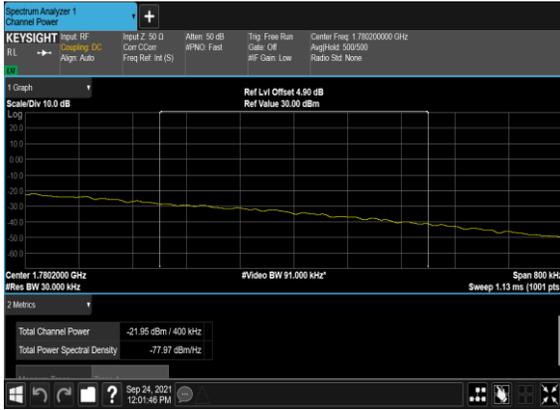
B7_N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS



B7_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B7_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_ch
P_PASS



B7_N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B7_N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

SA n5 / NR 20MHz / QPSK DFT-s-OFDM / 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	-66.66	-13	-53.66	-73.63	1.58	10.70	H
	2482	-62.18	-13	-49.18	-70.43	2.10	12.50	H
	3312	-62.12	-13	-49.12	-71.01	2.86	13.90	H
	1656	-65.40	-13	-52.40	-72.37	1.58	10.70	V
	2482	-59.94	-13	-46.94	-68.19	2.10	12.50	V
	3312	-62.07	-13	-49.07	-70.96	2.86	13.90	V

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

EN-DC_7A_n5A / LTE 10MHz + 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)
Middle	1656	-67.07	-13	-54.07	-74.04	1.58	10.70	H
	2482	-62.71	-13	-49.71	-70.96	2.10	12.50	H
	3312	-62.24	-13	-49.24	-71.13	2.86	13.90	H
	1656	-66.22	-13	-53.22	-73.19	1.58	10.70	V
	2482	-60.36	-13	-47.36	-68.61	2.10	12.50	V
	3312	-62.24	-13	-49.24	-71.13	2.86	13.90	V

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

SA n7 / NR 20MHz / QPSK DFT-s-OFDM / 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	5052	-62.26	-25	-37.26	-72.47	3.03	13.24	H
	7576	-52.36	-25	-27.36	-61.81	3.56	13.01	H
	10100	-59.74	-25	-34.74	-69.26	3.92	13.44	H
	5052	-62.42	-25	-37.42	-72.63	3.03	13.24	V
	7576	-48.62	-25	-23.62	-58.07	3.56	13.01	V
	10100	-60.65	-25	-35.65	-70.17	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 20MHz / QPSK / ANT3(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	5052	-62.41	-25	-37.41	-72.62	3.03	13.24	H
	7580	-61.70	-25	-36.70	-71.15	3.56	13.01	H
	10100	-60.77	-25	-35.77	-70.29	3.92	13.44	H
	5052	-62.86	-25	-37.86	-73.07	3.03	13.24	V
	7580	-61.25	-25	-36.25	-70.70	3.56	13.01	V
	10100	-61.05	-25	-36.05	-70.57	3.92	13.44	V

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

EN-DC_7A_n7A / LTE 10MHz + NR 50MHz / 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	5070	-56.11	-25	-31.11	-61.67	7.14	12.70	H
	7605	-54.51	-25	-29.51	-57.81	8.30	11.60	H
	10140	-51.08	-25	-26.08	-52.60	10.48	12.00	H
	5070	-55.02	-25	-30.02	-60.58	7.14	12.70	V
	7605	-53.98	-25	-28.98	-57.28	8.30	11.60	V
	10140	-49.98	-25	-24.98	-51.50	10.48	12.00	V

SA n41 / NR 20MHz / QPSK DFT-s-OFDM / 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	5096	-62.66	-25	-37.66	-72.87	3.03	13.24	H
	7632	-56.93	-25	-31.93	-66.38	3.56	13.01	H
	10190	-57.98	-25	-32.98	-67.50	3.92	13.44	H
	5096	-62.55	-25	-37.55	-72.76	3.03	13.24	V
	7632	-59.73	-25	-34.73	-69.18	3.56	13.01	V
	10190	-59.00	-25	-34.00	-68.52	3.92	13.44	V

SA n66 / NR 20MHz / QPSK DFT-s-OFDM / ANT5(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	3471	-59.09	-13	-46.09	-69.83	2.60	13.34	H
	5208	-57.16	-13	-44.16	-67.67	3.01	13.52	H
	6948	-55.51	-13	-42.51	-65.71	3.27	13.47	H
	3471	-59.41	-13	-46.41	-70.15	2.60	13.34	V
	5208	-57.34	-13	-44.34	-67.85	3.01	13.52	V
	6948	-55.95	-13	-42.95	-66.15	3.27	13.47	V



EN-DC_7A_n66A / LTE 10MHz + NR 20MHz / QPSK / ANT5(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	3471	-59.30	-13	-46.30	-70.04	2.60	13.34	H
	5208	-57.35	-13	-44.35	-67.86	3.01	13.52	H
	6948	-55.81	-13	-42.81	-66.01	3.27	13.47	H
	3471	-59.74	-13	-46.74	-70.48	2.60	13.34	V
	5208	-57.61	-13	-44.61	-68.12	3.01	13.52	V
	6948	-56.11	-13	-43.11	-66.31	3.27	13.47	V

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

EN-DC_66A_n66A / LTE 10MHz + NR 20MHz / QPSK / ANT5(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	3471	-59.59	-13	-46.59	-70.33	2.60	13.34	H
	5208	-57.29	-13	-44.29	-67.80	3.01	13.52	H
	6948	-55.80	-13	-42.80	-66.00	3.27	13.47	H
	3471	-59.80	-13	-46.80	-70.54	2.60	13.34	V
	5208	-57.24	-13	-44.24	-67.75	3.01	13.52	V
	6948	-55.96	-13	-42.96	-66.16	3.27	13.47	V

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