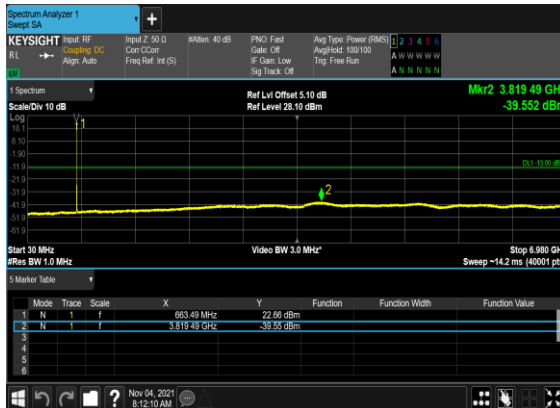
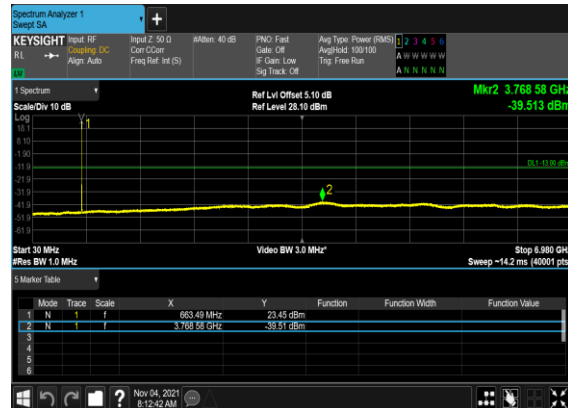


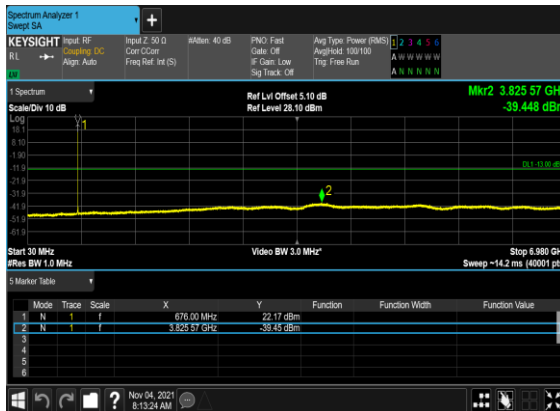
B2_N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



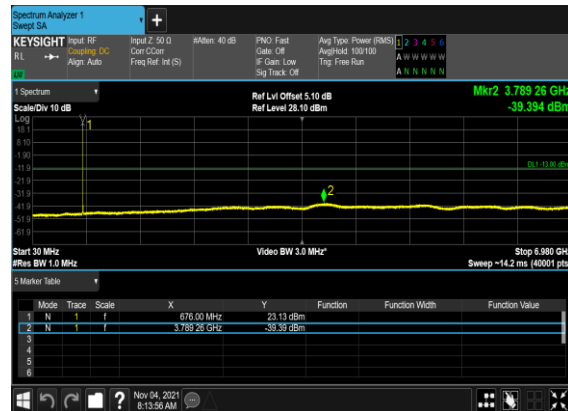
B2_N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B2_N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



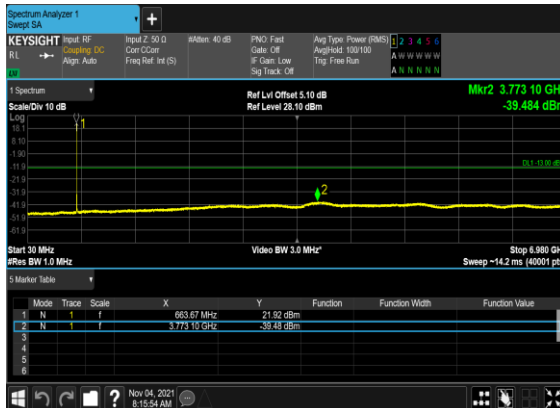
B2_N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



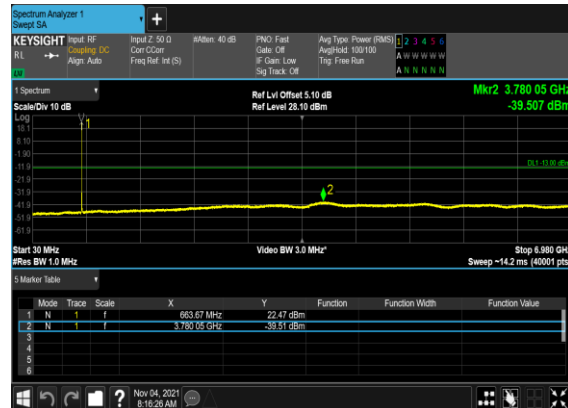
B2_N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



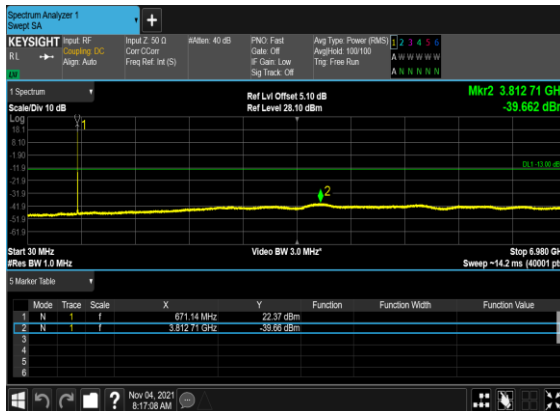
B2_N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



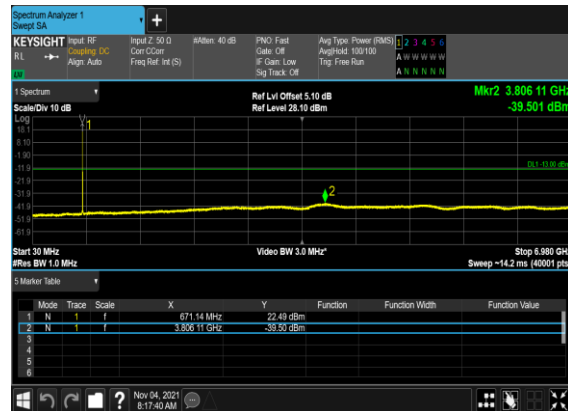
B2_N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



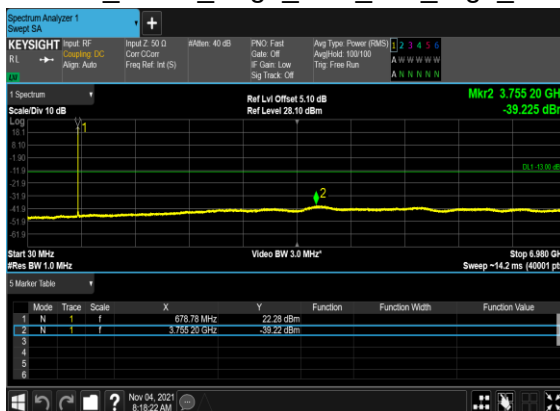
B2_N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



B2_N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



B2_N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



B2_N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

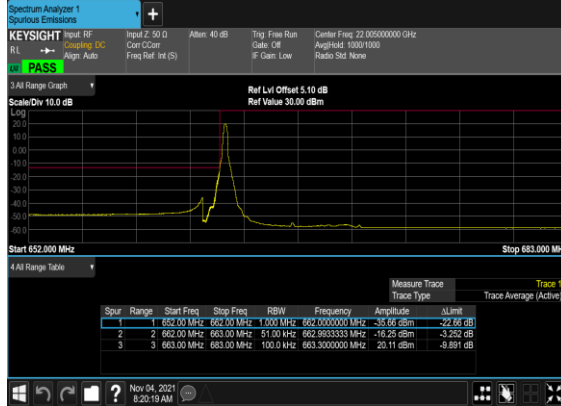


Conducted Band Edge

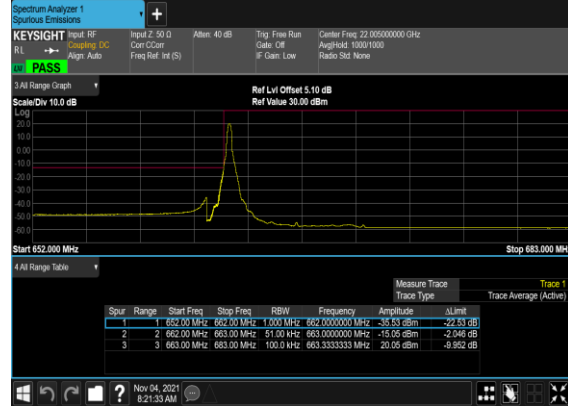
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	123900	665.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	123900	665.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	5	123900	665.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
71	15	5	123900	665.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
71	15	5	129900	695.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
71	15	5	129900	695.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
71	15	5	129900	695.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
71	15	5	129900	695.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
71	15	10	124400	668.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	10	124400	668.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	10	124400	668.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
71	15	10	124400	668.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
71	15	10	129400	693.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
71	15	10	129400	693.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
71	15	10	129400	693.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
71	15	10	129400	693.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
71	15	20	125400	673.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	20	125400	673.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	20	125400	673.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
71	15	20	125400	673.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
71	15	20	128400	688.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
71	15	20	128400	688.0	DFT-s-OFDM QPSK	1@105	see graph	PASS

71	15	20	128400	688.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
71	15	20	128400	688.0	DFT-s-OFDM QPSK	100@0	see graph	PASS

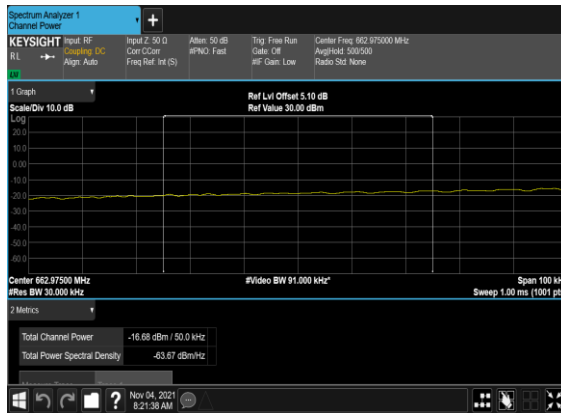
B2_N71(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



B2_N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



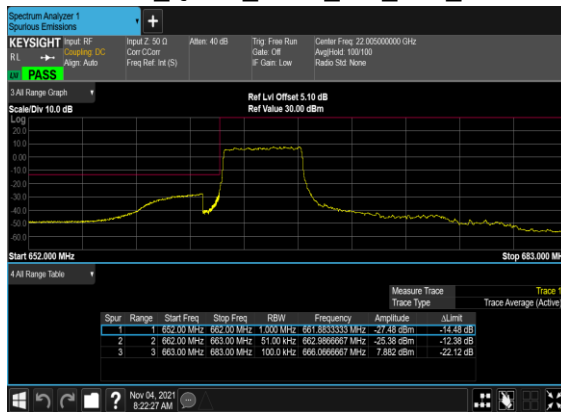
B2_N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP
PASS



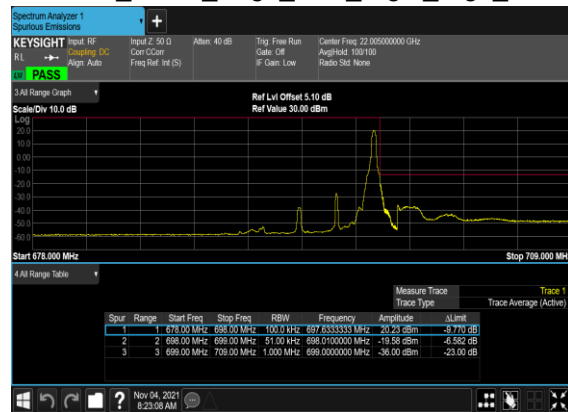
B2_N71(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



B2_N71(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



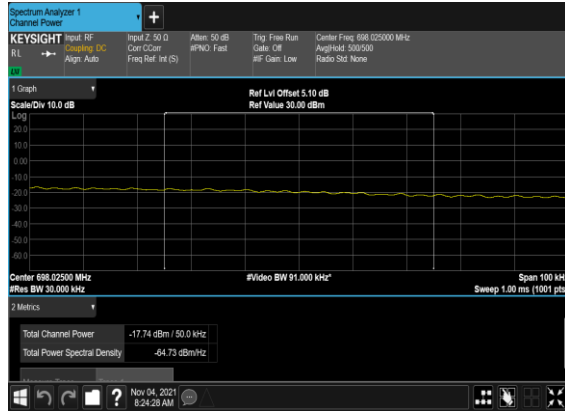
B2_N71(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B2_N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



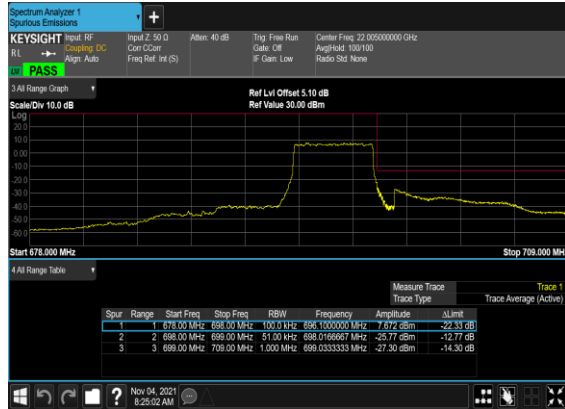
B2_N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH_ch
P_PASS



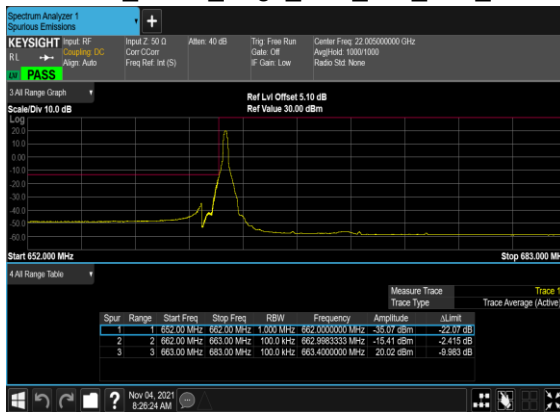
B2_N71(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B2_N71(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



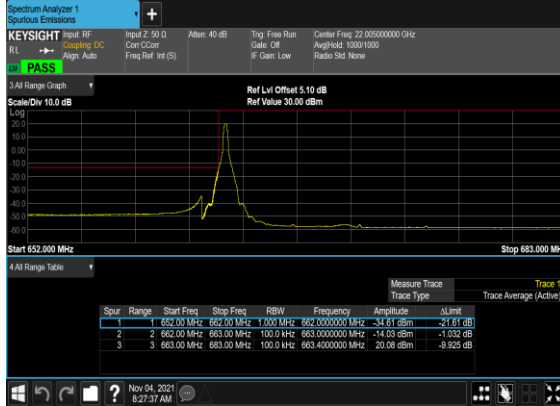
B2_N71(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



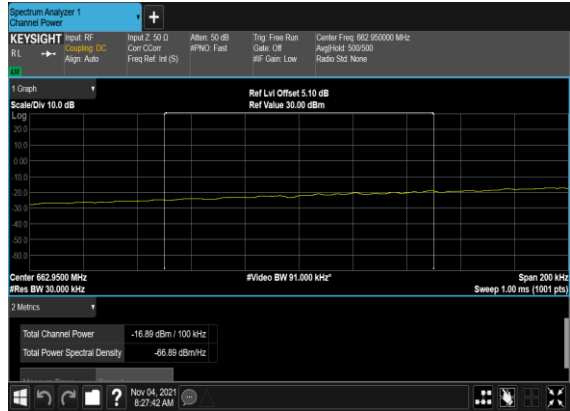
B2_N71(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_chP_PASS



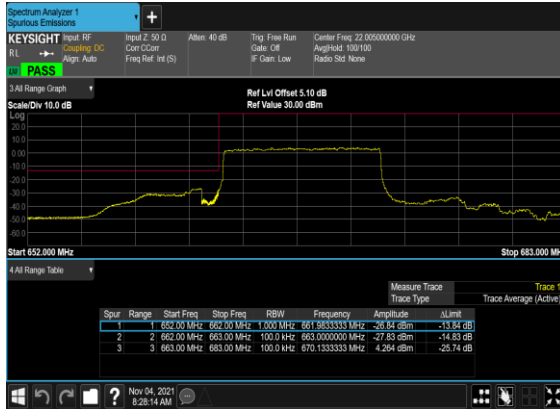
B2_N71(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N71(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH_chp
PASS



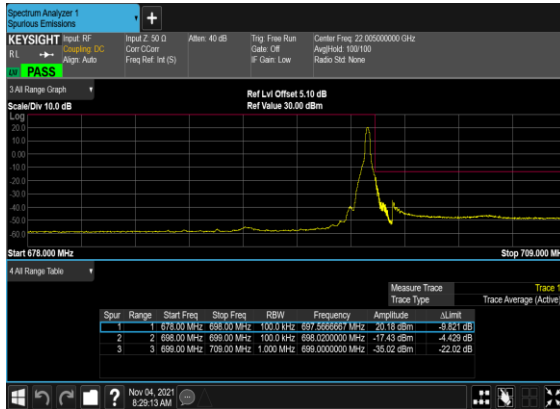
B2_N71(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



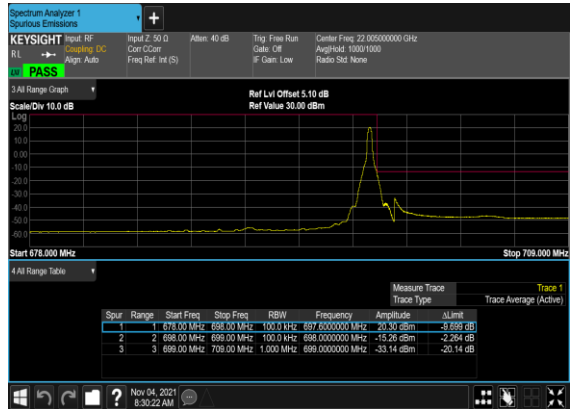
B2_N71(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B2_N71(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



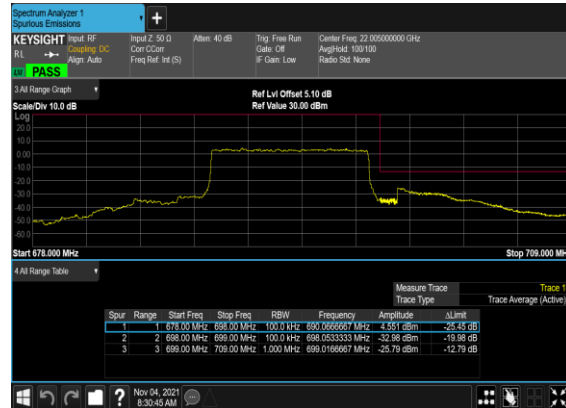
B2_N71(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



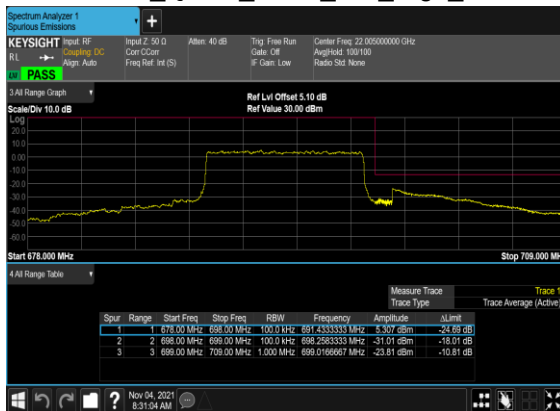
B2_N71(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



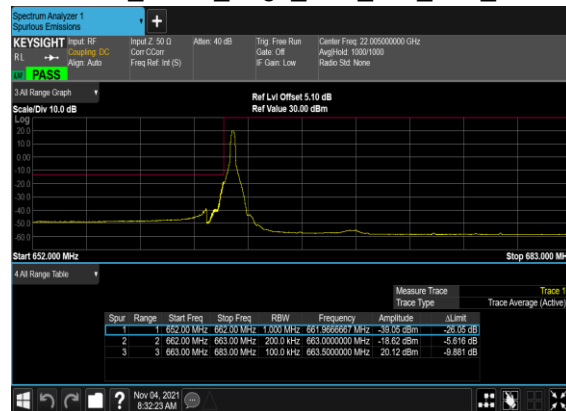
B2_N71(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



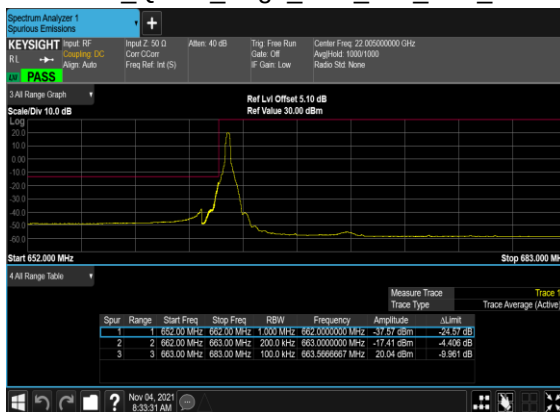
B2_N71(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



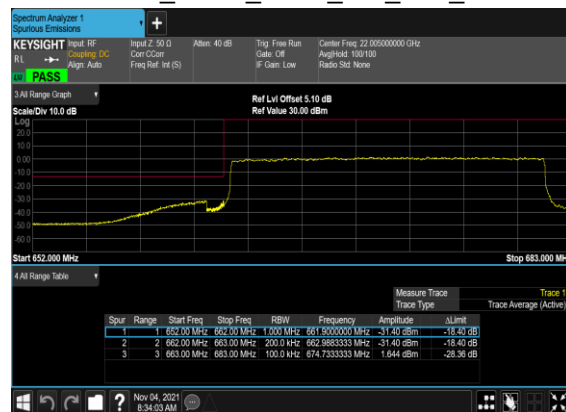
B2_N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



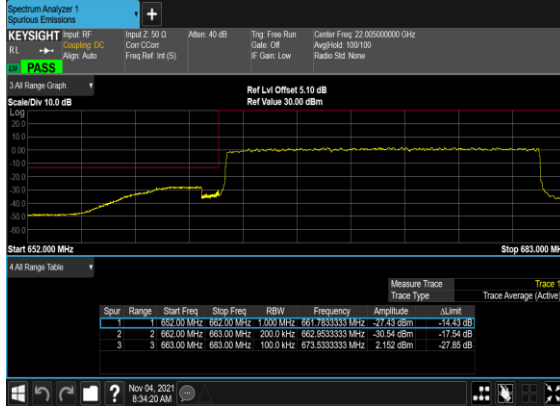
B2_N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N71(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



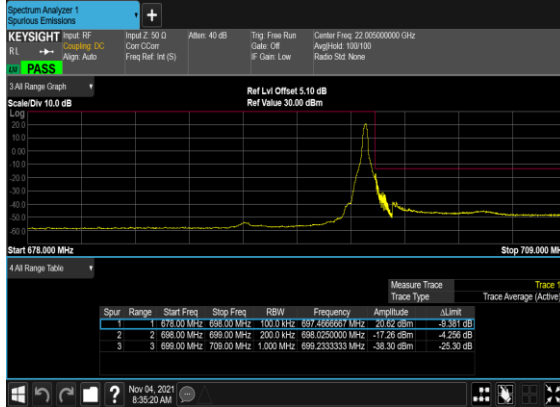
B2_N71(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



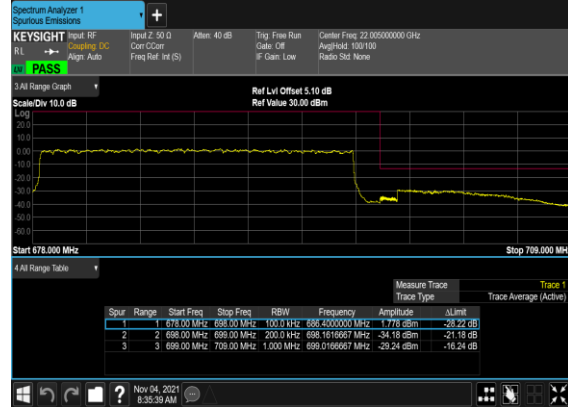
B2_N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



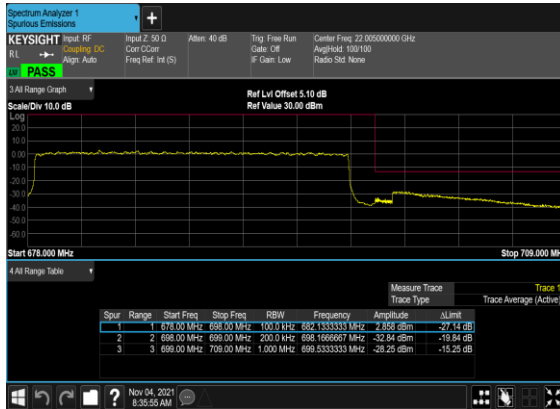
B2_N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N71(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B2_N71(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Fuquan Wu	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 antenna mode to test.

SA n7 / NR 20MHz / QPSK / ANT3(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)
NR n7 Middle	5052.18	-56.13	-25	-31.13	-81.45	-61.69	7.14	12.70	H
	7578.27	-51.85	-25	-26.85	-80.39	-55.15	8.30	11.60	H
	10104.36	-47.17	-25	-22.17	-81.05	-48.69	10.48	12.00	H
	5052.18	-56.21	-25	-31.21	-81.65	-61.77	7.14	12.70	V
	7578.27	-51.85	-25	-26.85	-80.35	-55.15	8.30	11.60	V
	10104.36	-48.17	-25	-23.17	-80.65	-49.69	10.48	12.00	V

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

EN-DC_5A_n7A / LTE 10MHz + NR 20MHz / QPSK / ANT1(LTE) & ANT3(NR)									
Channel	Frequency (MHz)	ERP/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)
LTE Band5 Middle	1664.18	-65.93	-13	-52.93	-76.11	-69.18	4.00	9.40	H
	2496.27	-57.37	-13	-44.37	-72.51	-60.94	4.88	10.60	H
	3328.36	-61.38	-13	-48.38	-78.81	-66.31	5.52	12.60	H
	1664.18	-66.39	-13	-53.39	-76.17	-69.64	4.00	9.40	V
	2496.27	-62.73	-13	-49.73	-77.83	-66.30	4.88	10.60	V
	3328.36	-61.58	-13	-48.58	-78.77	-66.51	5.52	12.60	V
NR n7 Middle	5052.18	-55.02	-25	-30.02	-80.34	-60.58	7.14	12.70	H
	7578.27	-51.93	-25	-26.93	-80.47	-55.23	8.30	11.60	H
	10104.36	-46.28	-25	-21.28	-80.16	-47.80	10.48	12.00	H
	5052.18	-54.93	-25	-29.93	-80.37	-60.49	7.14	12.70	V
	7578.27	-52.03	-25	-27.03	-80.53	-55.33	8.30	11.60	V
	10104.36	-47.42	-25	-22.42	-79.9	-48.94	10.48	12.00	V

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



SA n41 / NR 100MHz / QPSK / ANT3(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)
NR n41 Middle	5244.00	-55.76	-25	-30.76	-80.05	-61.32	7.14	12.70	H
	7866.00	-50.73	-25	-25.73	-80.66	-54.03	8.30	11.60	H
	10488.00	-47.37	-25	-22.37	-80.72	-48.89	10.48	12.00	H
	5244.00	-55.61	-25	-30.61	-80.01	-61.17	7.14	12.70	V
	7866.00	-50.57	-25	-25.57	-80.29	-53.87	8.30	11.60	V
	10488.00	-47.92	-25	-22.92	-80.7	-49.44	10.48	12.00	V

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

EN-DC_26A_n41A / LTE 15MHz + NR 100MHz / QPSK / ANT1(LTE) & ANT3(NR)									
Channel	Frequency (MHz)	ERP/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)
LTE Band26 Middle	1659.5	-66.26	-13	-53.26	-76.44	-69.51	4.00	9.40	H
	2489.25	-63.21	-13	-50.21	-78.33	-66.78	4.88	10.60	H
	3319	-61.57	-13	-48.57	-79.17	-66.50	5.52	12.60	H
	1659.5	-66.56	-13	-53.56	-76.34	-69.81	4.00	9.40	V
	2489.25	-63.58	-13	-50.58	-78.66	-67.15	4.88	10.60	V
	3319	-62.04	-13	-49.04	-79.42	-66.97	5.52	12.60	V
NR n41 Middle	5092.02	-61.62	-25	-36.62	-81.32	-67.18	7.14	12.70	H
	7638.03	-56.10	-25	-31.10	-80.68	-59.40	8.30	11.60	H
	10184.04	-50.64	-25	-25.64	-80.57	-52.16	10.48	12.00	H
	5092.02	-61.48	-25	-36.48	-81.36	-67.04	7.14	12.70	V
	7638.03	-56.34	-25	-31.34	-80.84	-59.64	8.30	11.60	V
	10184.04	-51.97	-25	-26.97	-80.65	-53.49	10.48	12.00	V

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

n41 UL MIMO / NR 100MHz / QPSK / ANT3+ANT5(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)
NR n41 Middle	5089.50	-55.45	-25	-30.45	-81.25	-61.01	7.14	12.70	H
	7634.25	-51.82	-25	-26.82	-69.18	-55.12	8.30	11.60	H
	10179.00	-45.67	-25	-20.67	-80.83	-47.19	10.48	12.00	H
	5089.50	-55.52	-25	-30.52	-81.27	-61.08	7.14	12.70	V
	7634.25	-51.60	-25	-26.60	-64.5	-54.90	8.30	11.60	V
	10179.00	-47.21	-25	-22.21	-80.58	-48.73	10.48	12.00	V

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

SA n71 / NR 20MHz / QPSK / ANT1(NR)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n71 Middle	1342	-63.38	-13	-50.38	-73.75	-66.63	4.00	9.40	H
	2013	-65.36	-13	-52.36	-76.64	-68.93	4.88	10.60	H
	2684	-61.32	-13	-48.32	-77.52	-66.25	5.52	12.60	H
	1342	-62.48	-13	-49.48	-72.48	-65.73	4.00	9.40	V
	2013	-65.67	-13	-52.67	-76.84	-69.24	4.88	10.60	V
	2684	-60.91	-13	-47.91	-77.13	-65.84	5.52	12.60	V

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

EN-DC_2A_n71A / LTE 20MHz + NR 20MHz / QPSK / ANT3(LTE) & ANT1(NR)									
Channel	Frequency (MHz)	ERP/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)
LTE Band2 Middle	3742.18	-59.41	-13	-46.41	-79.87	-66.15	5.88	12.62	H
	5613.27	-56.12	-13	-43.12	-80.53	-61.93	7.32	13.13	H
	7484.36	-51.89	-13	-38.89	-80.56	-55.05	8.38	11.54	H
	3742.18	-59.59	-13	-46.59	-79.97	-66.33	5.88	12.62	V
	5613.27	-56.56	-13	-43.56	-81.16	-62.37	7.32	13.13	V
	7484.36	-52.01	-13	-39.01	-80.67	-55.17	8.38	11.54	V
NR n71 Middle	1361	-64.82	-13	-51.82	-75.37	-68.07	4.00	9.40	H
	2041.5	-64.52	-13	-51.52	-76.19	-68.09	4.88	10.60	H
	2722	-62.02	-13	-49.02	-78.50	-66.95	5.52	12.60	H
	1361	-65.36	-13	-52.36	-75.52	-68.61	4.00	9.40	V
	2041.5	-64.53	-13	-51.53	-76.10	-68.10	4.88	10.60	V
	2722	-61.81	-13	-48.81	-78.35	-66.74	5.52	12.60	V