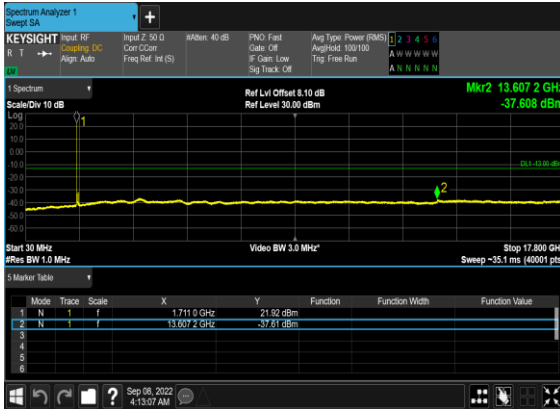
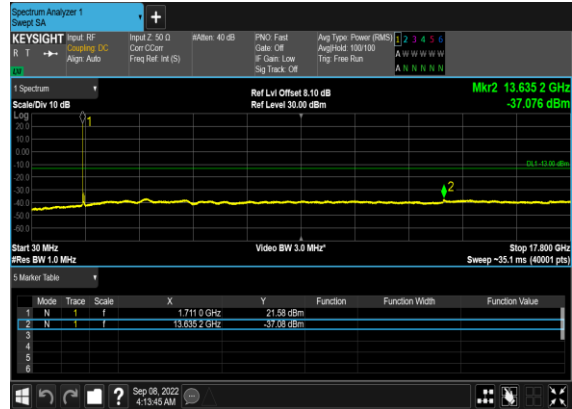


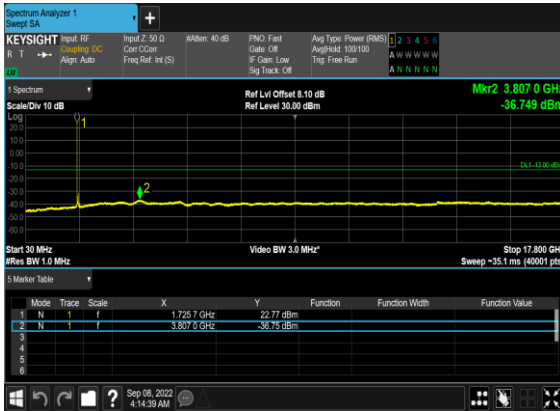
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



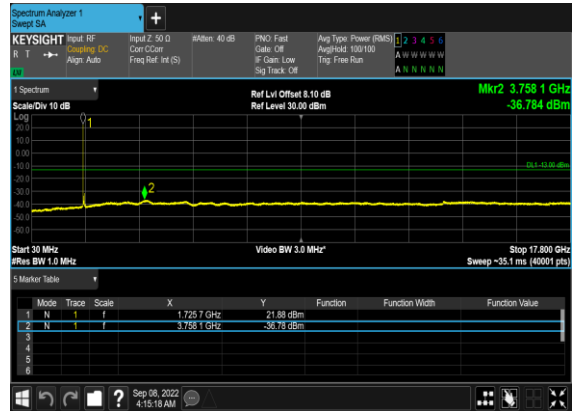
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



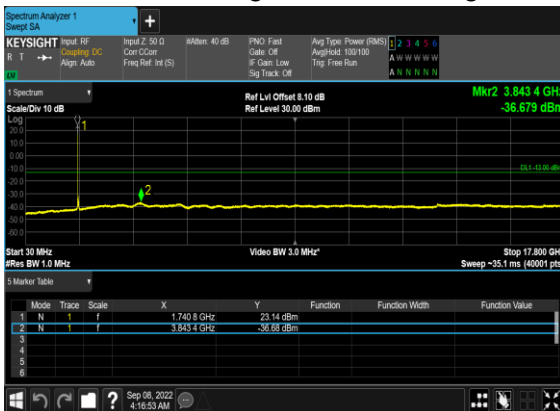
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



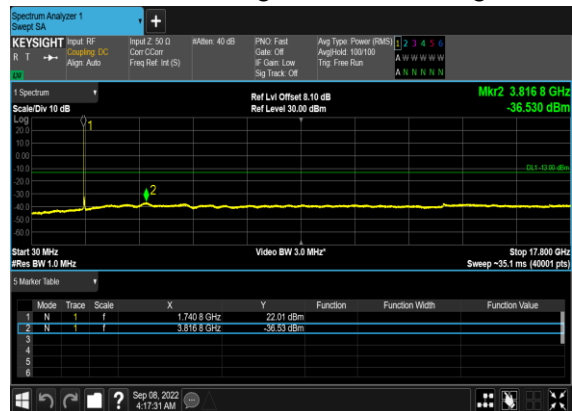
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



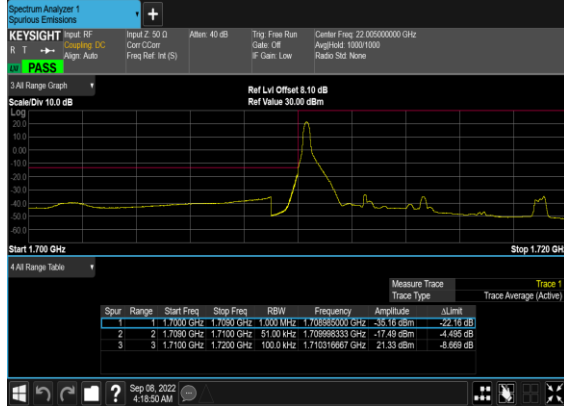
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



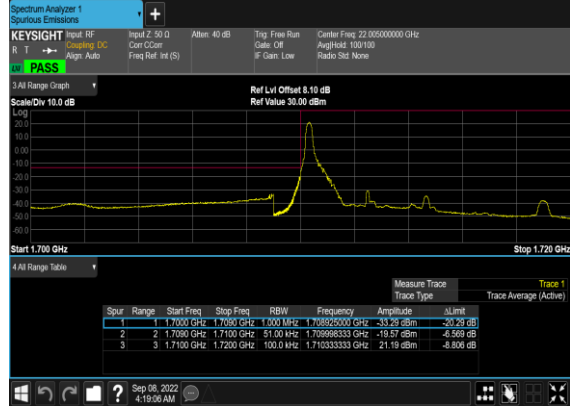
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	216@0	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	1@215	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@215	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	216@0	see graph	PASS

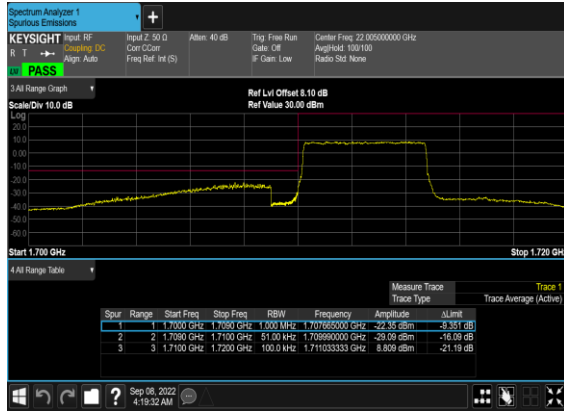
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



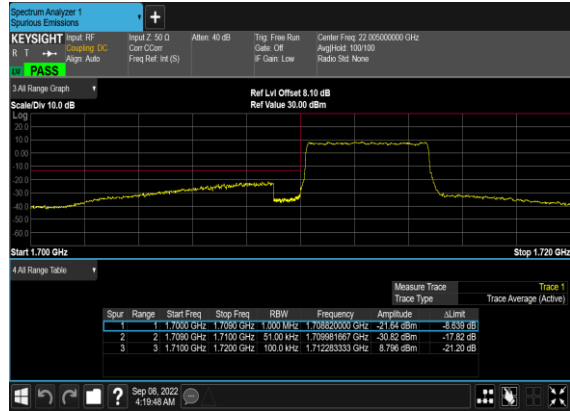
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



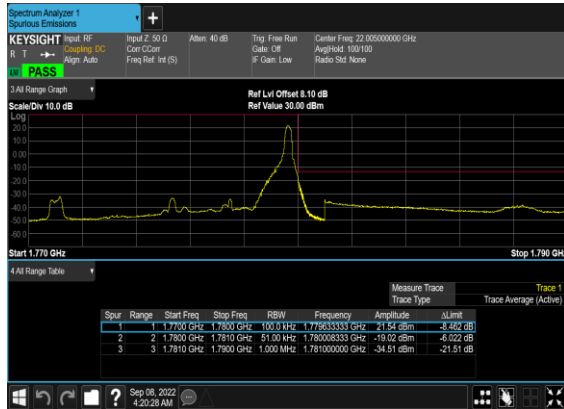
N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



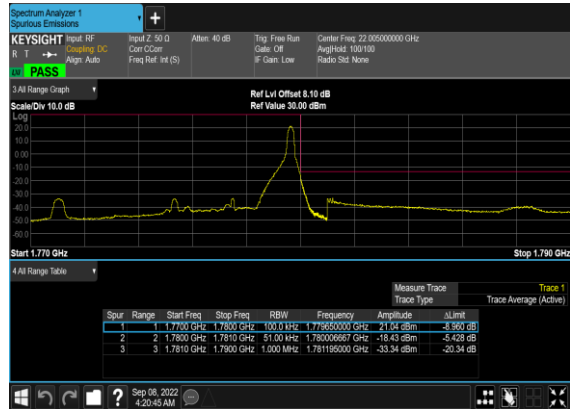
N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



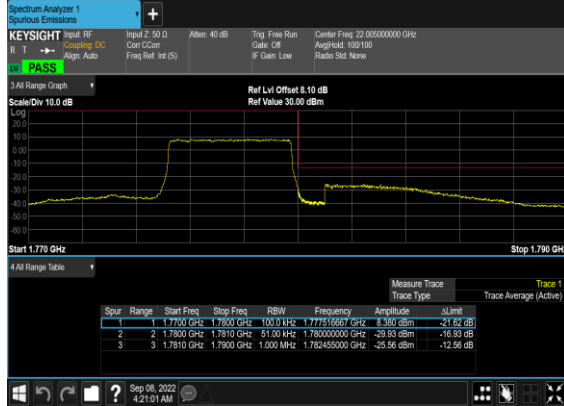
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



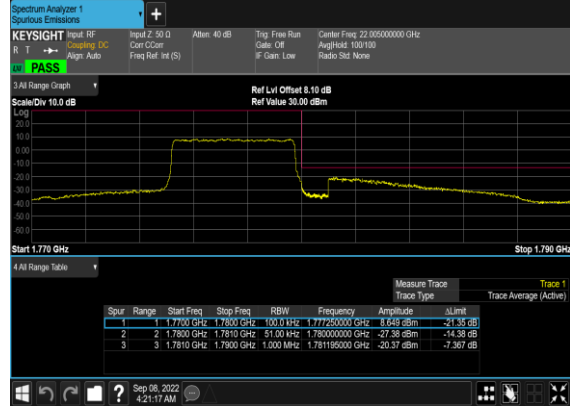
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



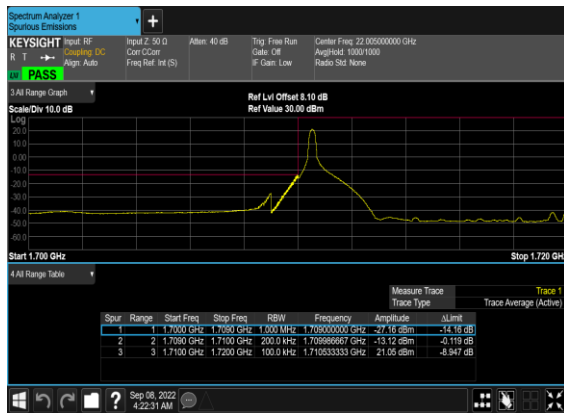
N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



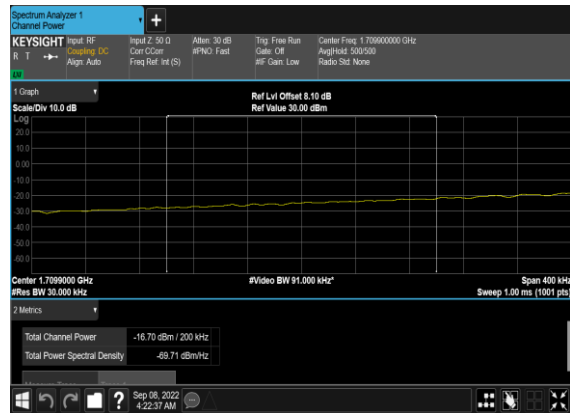
N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



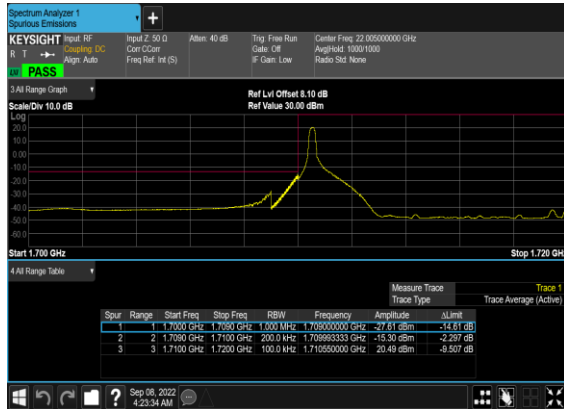
N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



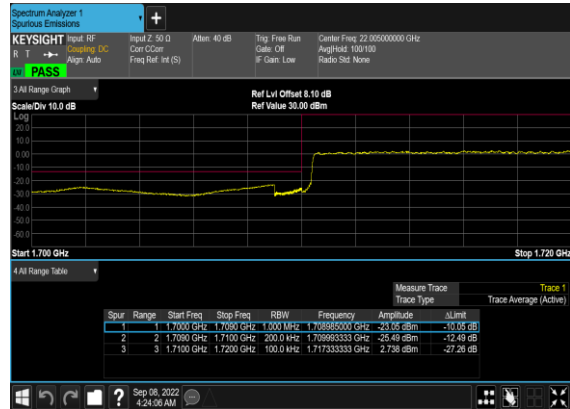
N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_



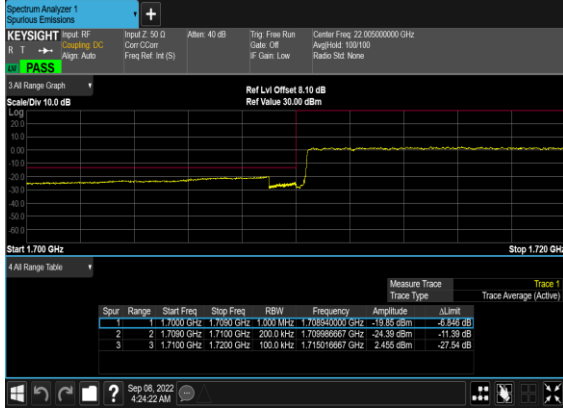
N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



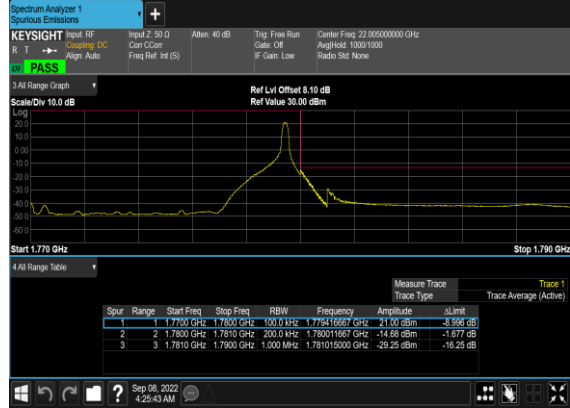
N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



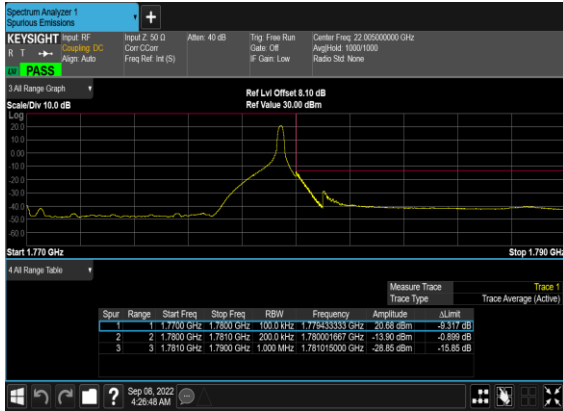
N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



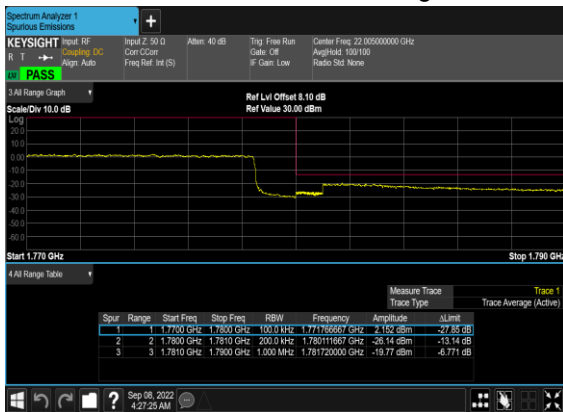
N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



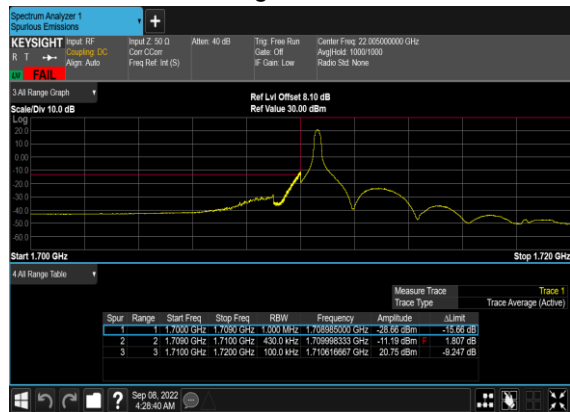
N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



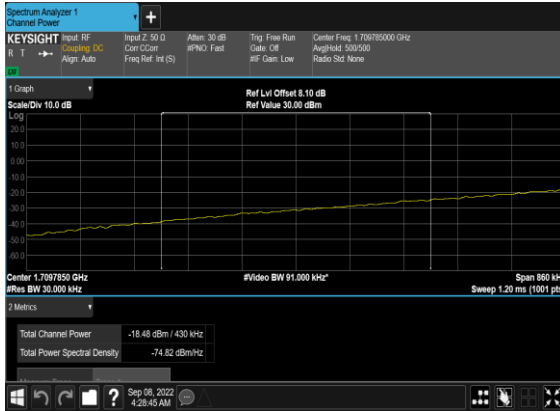
N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



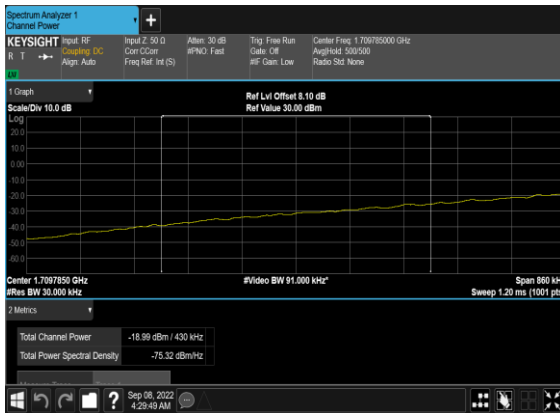
N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_ PASS



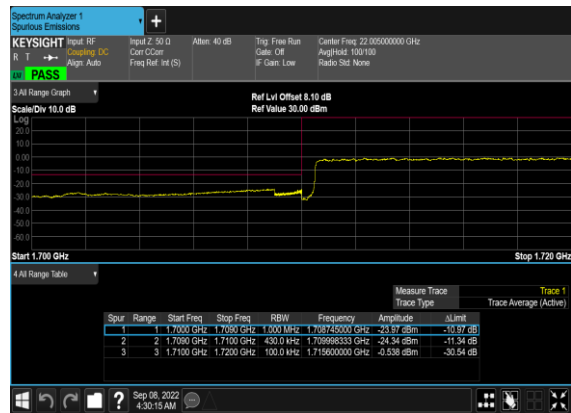
N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_ PASS



N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



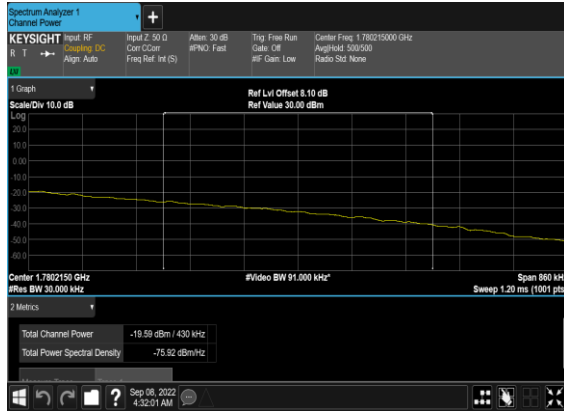
N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



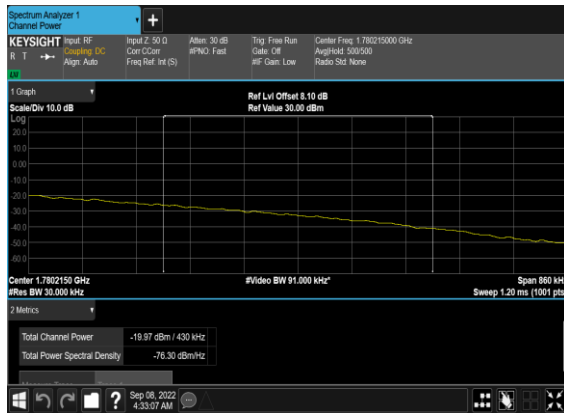
N66(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_High_CH CHP PASS



N66(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH



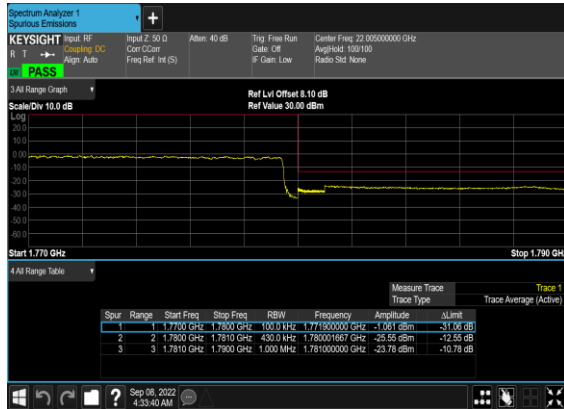
N66(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH CHP PASS



N66(40M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



N66(40M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	23~25°C
		Relative Humidity :	41~42%

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

SA n5 / 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	-64.54	-13	-51.54	-71.51	1.58	10.70	H
	2480	-60.57	-13	-47.57	-68.82	2.10	12.50	H
	3312	-59.09	-13	-46.09	-67.98	2.86	13.90	H
	1656	-63.36	-13	-50.36	-70.33	1.58	10.70	V
	2480	-58.79	-13	-45.79	-67.04	2.10	12.50	V
	3312	-59.12	-13	-46.12	-68.01	2.86	13.90	V

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

EN-DC_7A_n5A / LTE 20MHz + NR 20MHz / QPSK / ANT2(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	-65.27	-13	-52.27	-72.24	1.58	10.70	H
	2480	-57.49	-13	-44.49	-65.74	2.10	12.50	H
	3312	-59.82	-13	-46.82	-68.71	2.86	13.90	H
	1656	-65.12	-13	-52.12	-72.09	1.58	10.70	V
	2480	-60.26	-13	-47.26	-68.51	2.10	12.50	V
	3312	-59.81	-13	-46.81	-68.70	2.86	13.90	V

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

SA n7 / NR 50MHz / 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	5024	-64.07	-25	-39.07	-74.28	3.03	13.24	H
	7536	-63.44	-25	-38.44	-72.89	3.56	13.01	H
	10050	-61.17	-25	-36.17	-70.69	3.92	13.44	H
	5024	-64.01	-25	-39.01	-74.22	3.03	13.24	V
	7536	-63.31	-25	-38.31	-72.76	3.56	13.01	V
	10050	-61.26	-25	-36.26	-70.78	3.92	13.44	V

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



EN-DC_7A_n7A / LTE 20MHz + NR 50MHz / QPSK / ANT3(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	5024	-63.67	-25	-38.67	-73.88	3.03	13.24	H
	7532	-57.85	-25	-32.85	-67.86	3.33	13.34	H
	10040	-53.33	-25	-28.33	-63.18	3.56	13.41	H
	12550	-56.20	-25	-31.20	-65.82	3.92	13.54	H
	5024	-64.00	-25	-39.00	-74.21	3.03	13.24	V
	7532	-59.84	-25	-34.84	-69.85	3.33	13.34	V
	10040	-51.67	-25	-26.67	-61.52	3.56	13.41	V
	12550	-58.61	-25	-33.61	-68.23	3.92	13.54	V

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

EN-DC_66A_n7A / LTE 20MHz + NR 50MHz / QPSK / ANT3(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	5024	-63.49	-25	-38.49	-73.70	3.03	13.24	H
	7536	-63.24	-25	-38.24	-73.25	3.33	13.34	H
	10050	-54.18	-25	-29.18	-64.03	3.56	13.41	H
	12560	-57.18	-25	-32.18	-66.80	3.92	13.54	H
	5024	-63.01	-25	-38.01	-73.22	3.03	13.24	V
	7536	-61.61	-25	-36.61	-71.62	3.33	13.34	V
	10050	-55.36	-25	-30.36	-65.21	3.56	13.41	V
	12560	-57.17	-25	-32.17	-66.79	3.92	13.54	V

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

SA n41 / NR 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	5096	-63.86	-25	-38.86	-74.07	3.03	13.24	H
	7644	-63.13	-25	-38.13	-72.58	3.56	13.01	H
	10190	-57.39	-25	-32.39	-66.91	3.92	13.44	H
	5096	-63.45	-25	-38.45	-73.66	3.03	13.24	V
	7644	-63.16	-25	-38.16	-72.61	3.56	13.01	V
	10190	-56.30	-25	-31.30	-65.82	3.92	13.44	V

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



EN-DC_41A_n41A / LTE 20MHz + NR 100MHz / QPSK / ANT1(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	5096	-61.37	-25	-36.37	-71.58	3.03	13.24	H
	7632	-60.02	-25	-35.02	-69.47	3.56	13.01	H
	10180	-58.20	-25	-33.20	-67.72	3.92	13.44	H
	5096	-61.13	-25	-36.13	-71.34	3.03	13.24	V
	7632	-60.64	-25	-35.64	-70.09	3.56	13.01	V
	10180	-56.42	-25	-31.42	-65.94	3.92	13.44	V

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

EN-DC_66A_n41A / LTE 20MHz + NR 100MHz / QPSK / ANT1(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	5096	-63.74	-25	-38.74	-73.95	3.03	13.24	H
	7632	-61.60	-25	-36.60	-71.05	3.56	13.01	H
	10180	-54.38	-25	-29.38	-63.90	3.92	13.44	H
	5096	-63.52	-25	-38.52	-73.73	3.03	13.24	V
	7632	-58.77	-25	-33.77	-68.22	3.56	13.01	V
	10180	-56.44	-25	-31.44	-65.96	3.92	13.44	V

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

SA n66 / NR 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	3450	-57.17	-13	-44.17	-67.91	2.604	13.34	H
	5175	-54.58	-13	-41.58	-65.09	3.011	13.52	H
	6915	-53.90	-13	-40.90	-64.10	3.271	13.47	H
	3450	-57.33	-13	-44.33	-68.07	2.604	13.34	V
	5175	-54.12	-13	-41.12	-64.63	3.011	13.52	V
	6915	-53.49	-13	-40.49	-63.69	3.271	13.47	V

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



EN-DC_2A_n66A / LTE 20MHz + NR 40MHz / QPSK / ANT1(LTE) & 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	3453	-58.15	-13	-45.15	-68.89	2.604	13.34	H
	5184	-48.18	-13	-35.18	-58.69	3.011	13.52	H
	6912	-53.90	-13	-40.90	-64.10	3.271	13.47	H
	3453	-58.67	-13	-45.67	-69.41	2.604	13.34	V
	5184	-55.49	-13	-42.49	-66.00	3.011	13.52	V
	6912	-54.15	-13	-41.15	-64.35	3.271	13.47	V

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

EN-DC_5A_n66A / LTE 10MHz + NR 40MHz / QPSK / ANT0(LTE) & 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	3453	-57.65	-13	-44.65	-68.39	2.604	13.34	H
	5181	-55.40	-13	-42.40	-65.91	3.011	13.52	H
	6912	-53.50	-13	-40.50	-63.70	3.271	13.47	H
	3453	-58.01	-13	-45.01	-68.75	2.604	13.34	V
	5181	-54.85	-13	-41.85	-65.36	3.011	13.52	V
	6912	-53.90	-13	-40.90	-64.10	3.271	13.47	V

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

EN-DC_12A_n66A / LTE 10MHz + NR 40MHz / QPSK / ANT0(LTE) & 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	3453	-57.84	-13	-44.84	-68.58	2.604	13.34	H
	5181	-55.90	-13	-42.90	-66.41	3.011	13.52	H
	6912	-53.79	-13	-40.79	-63.99	3.271	13.47	H
	3453	-58.30	-13	-45.30	-69.04	2.604	13.34	V
	5181	-55.30	-13	-42.30	-65.81	3.011	13.52	V
	6912	-53.91	-13	-40.91	-64.11	3.271	13.47	V

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



EN-DC_66A_n66A / LTE 20MHz + NR 40MHz / QPSK / ANT1(LTE) & 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	3453	-57.76	-13	-44.76	-68.50	2.604	13.34	H
	5181	-55.43	-13	-42.43	-65.94	3.011	13.52	H
	6912	-53.55	-13	-40.55	-63.75	3.271	13.47	H
	3453	-58.45	-13	-45.45	-69.19	2.604	13.34	V
	5181	-55.67	-13	-42.67	-66.18	3.011	13.52	V
	6912	-53.65	-13	-40.65	-63.85	3.271	13.47	V

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