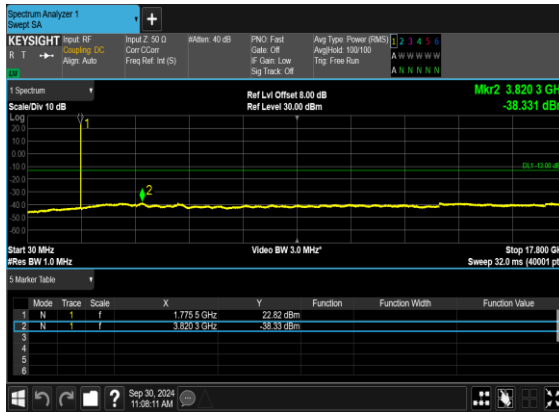
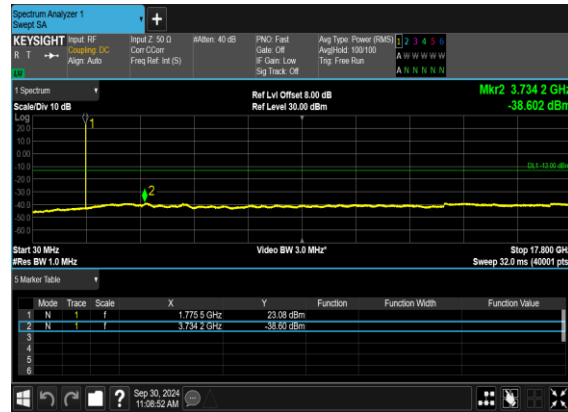




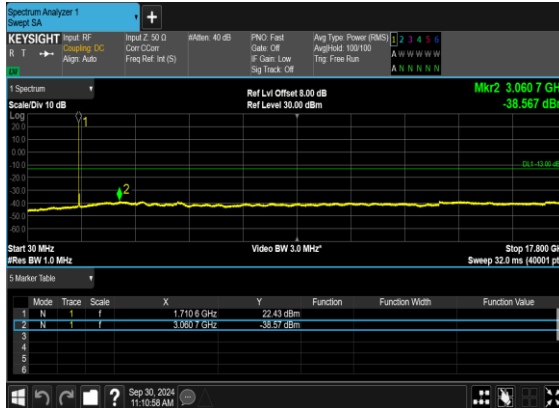
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



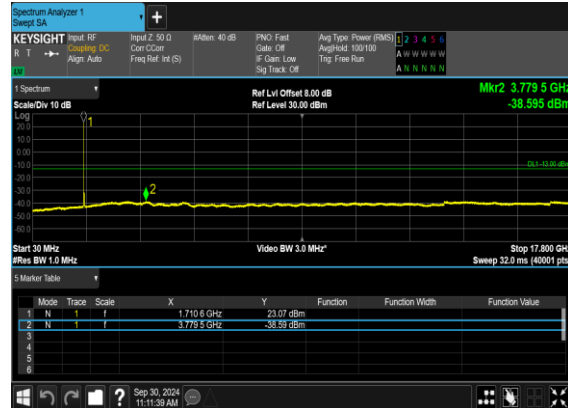
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

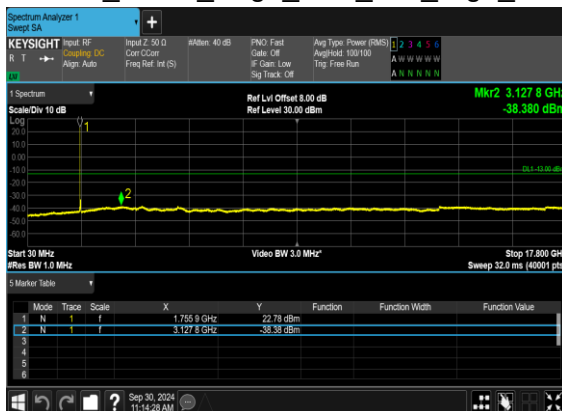


N66(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



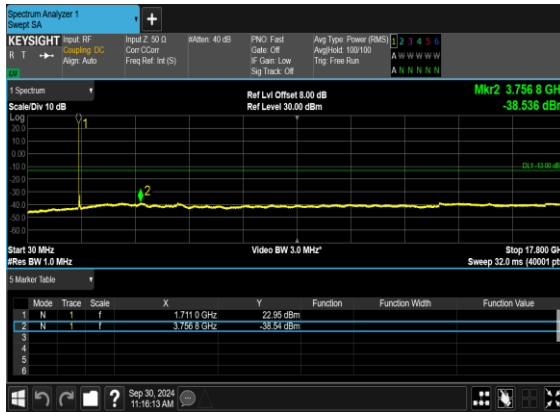
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OFDM_QPSK_Edge_1RB_Left_Low_CH



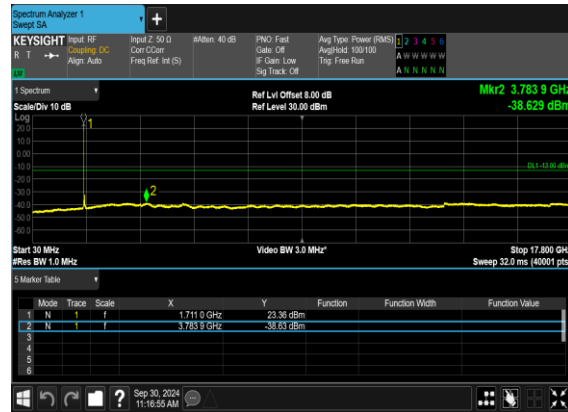
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OFDM_BPSK_Edge_1RB_Left_Mid_CHN66(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CHN66(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CHN66(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



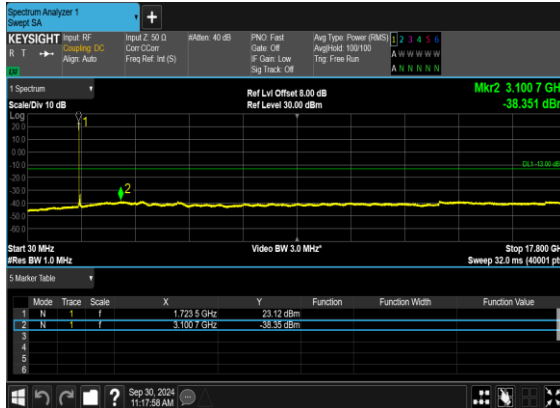
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OFDM_BPSK_Edge_1RB_Left_Low_CH



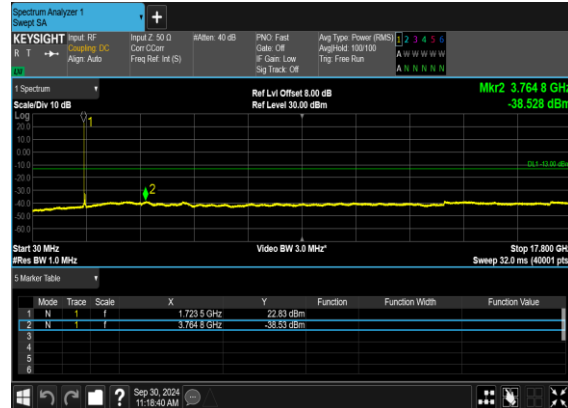
N66(45M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(45M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



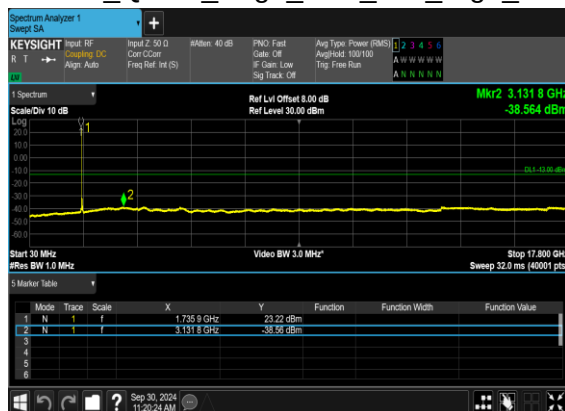
N66(45M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH





Report No. :FG491912E

N66(45M)_DFT-s-
OFDM QPSK Edge 1RB Left High CH

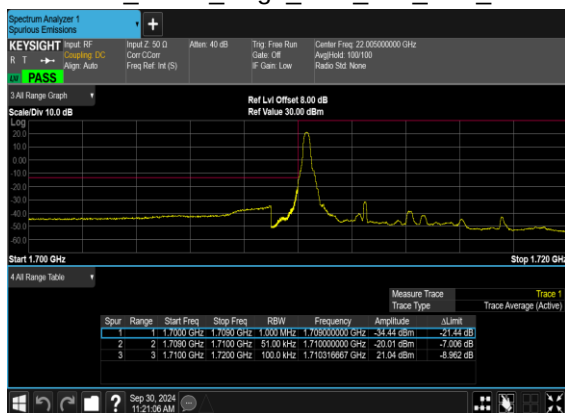


**Conducted Band Edge**

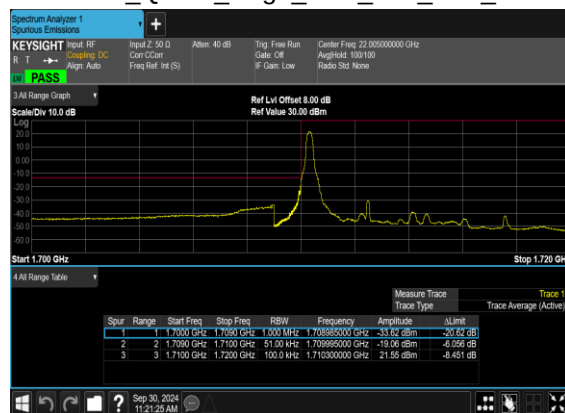
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	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	25	344500	1722.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@132	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@132	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	240@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	240@0	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	1@241	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@241	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	240@0	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	240@0	see graph	PASS



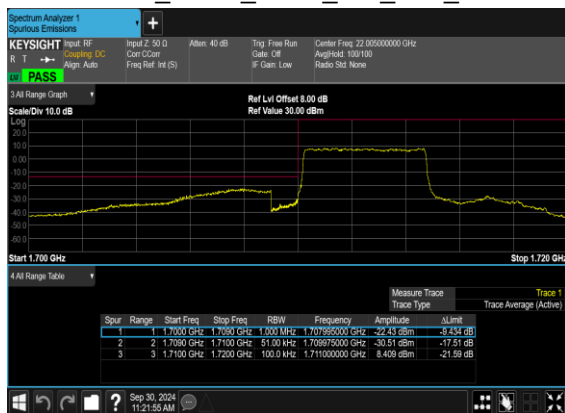
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



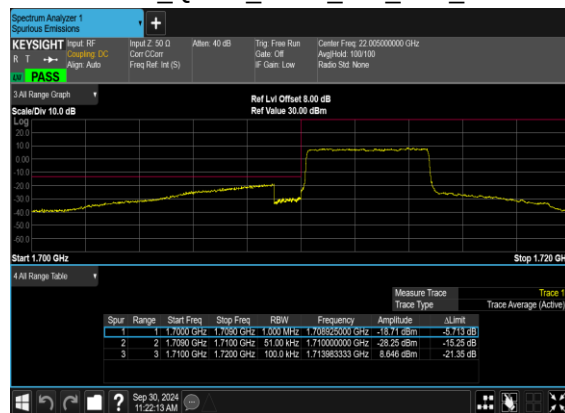
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

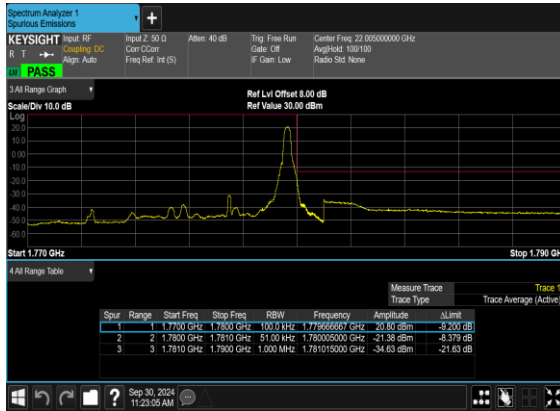


N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH





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

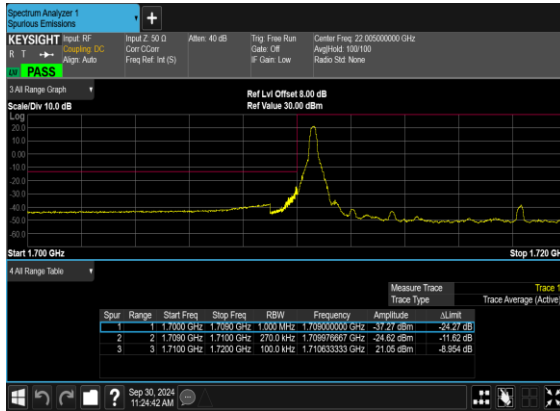


N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

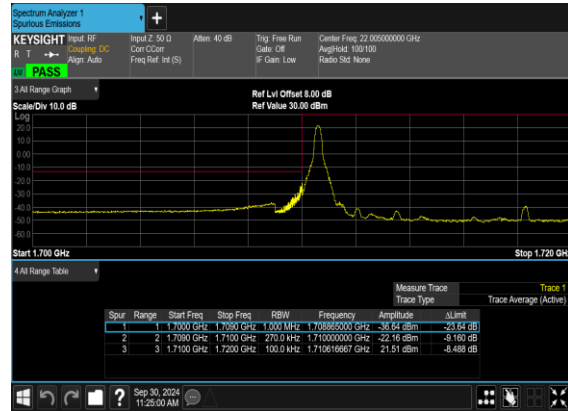




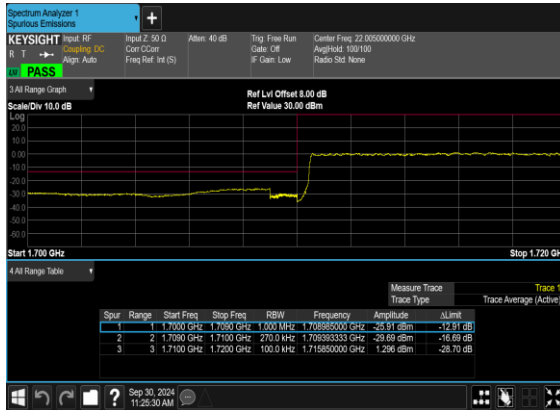
N66(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



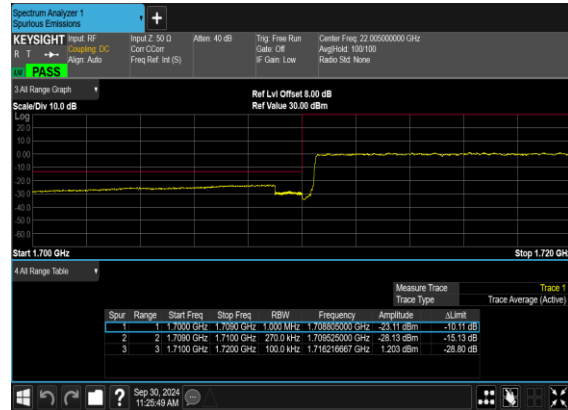
N66(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(25M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

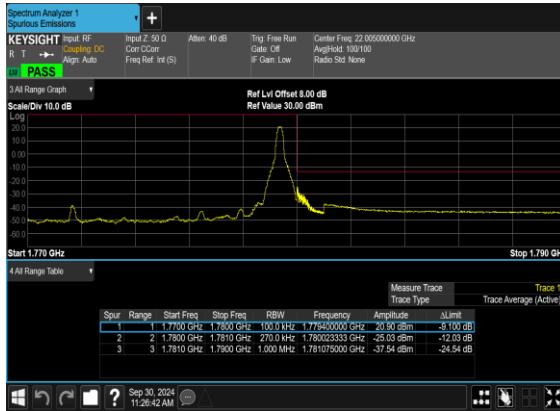


N66(25M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

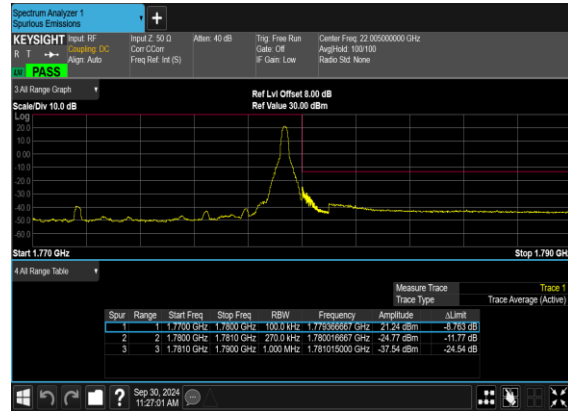




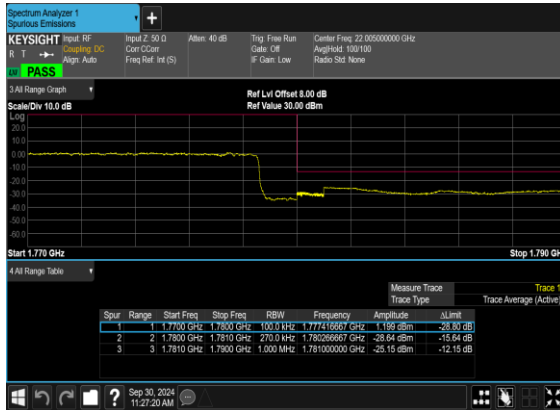
N66(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



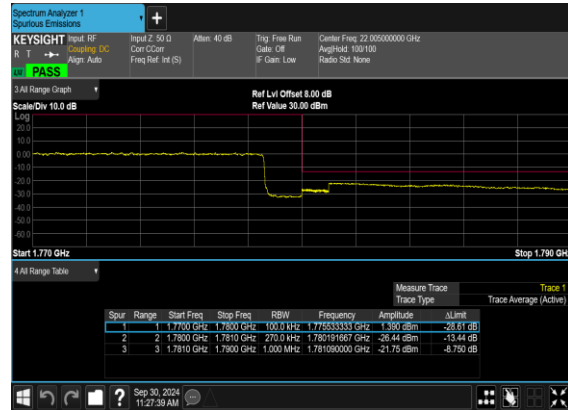
N66(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N66(25M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

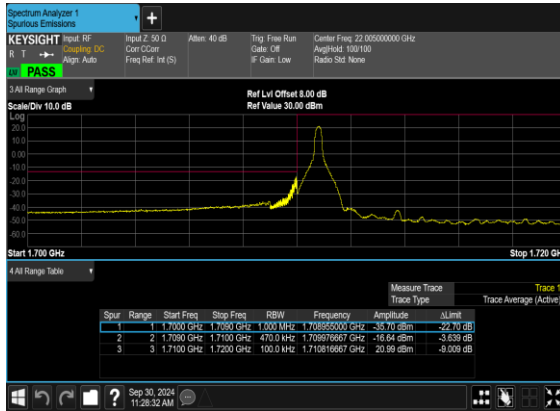


N66(25M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

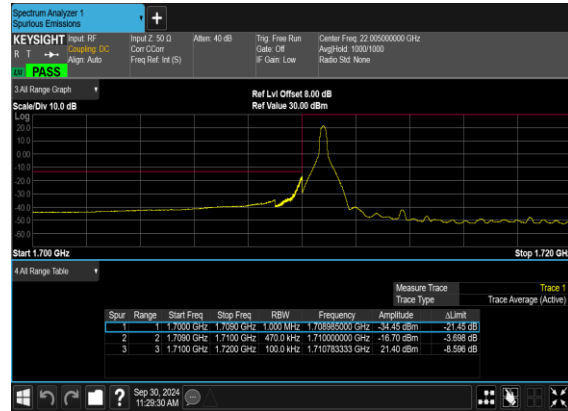




N66(45M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



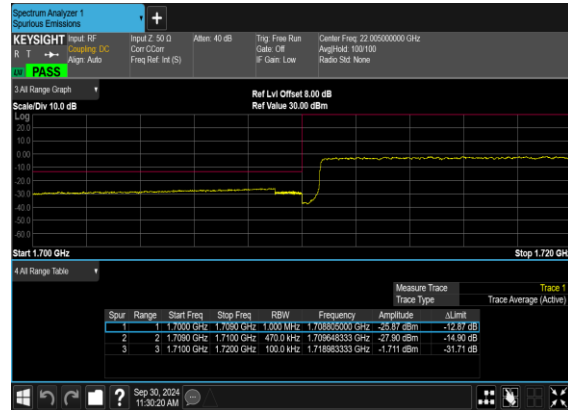
N66(45M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(45M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

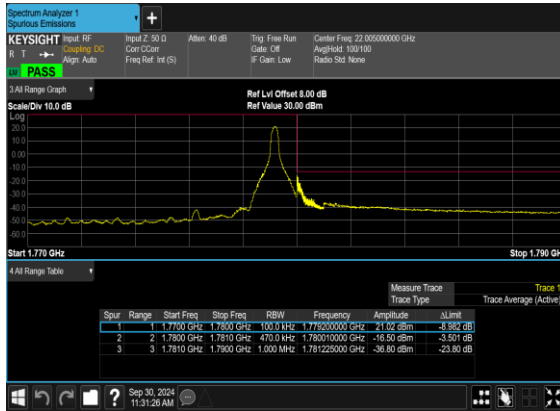


N66(45M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

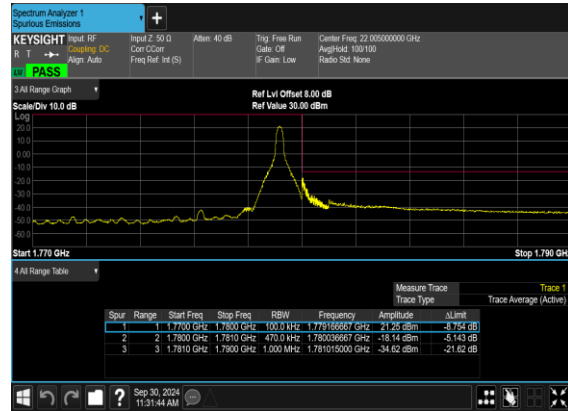




N66(45M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



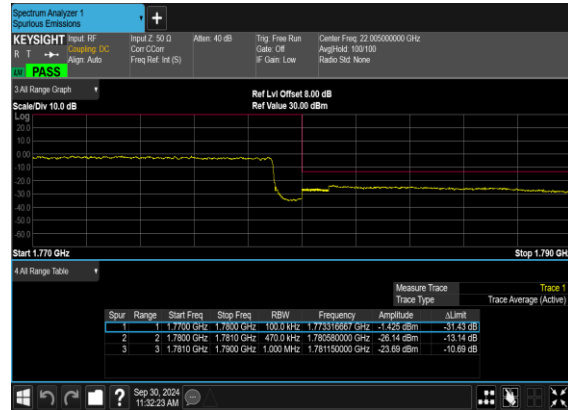
N66(45M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N66(45M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N66(45M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Reid Huang	Temperature :	22~25°C
		Relative Humidity :	48~52%

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

n2 SA / NR 40MHz / QPSK(ANT4)									
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)
Middle	3721.4	-60.68	-13	-47.68	-75.26	-67.43	5.85	12.60	H
	5582.1	-61.60	-13	-48.60	-79.24	-67.40	7.30	13.10	H
	7442.8	-56.59	-13	-43.59	-79.14	-59.74	8.35	11.50	H
	3721.4	-56.98	-13	-43.98	-71.82	-63.73	5.85	12.60	V
	5582.1	-61.31	-13	-48.31	-78.92	-67.11	7.30	13.10	V
	7442.8	-56.41	-13	-43.41	-78.95	-59.56	8.35	11.50	V

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

EN-DC_7A_n2A / LTE 10MHz + NR 40MHz / QPSK (ANT3+4)									
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 n2 Middle	3721.4	-61.57	-13	-48.57	-76.15	-68.32	5.85	12.60	H
	5582.1	-61.97	-13	-48.97	-79.61	-67.77	7.30	13.10	H
	7442.8	-57.02	-13	-44.02	-79.57	-60.17	8.35	11.50	H
	3721.4	-58.94	-13	-45.94	-73.78	-65.69	5.85	12.60	V
	5582.1	-62.13	-13	-49.13	-79.74	-67.93	7.30	13.10	V
	7442.8	-56.99	-13	-43.99	-79.53	-60.14	8.35	11.50	V
LTE Band7 Middle	5061.18	-63.43	-25	-38.43	-80.85	-68.99	7.14	12.70	H
	7591.77	-57.36	-25	-32.36	-79.53	-60.66	8.30	11.60	H
	10122.36	-53.31	-25	-28.31	-80.40	-54.83	10.48	12.00	H
	5061.18	-63.60	-25	-38.60	-80.95	-69.16	7.14	12.70	V
	7591.77	-57.83	-25	-32.83	-79.78	-61.13	8.30	11.60	V
	10122.36	-53.53	-25	-28.53	-80.15	-55.05	10.48	12.00	V

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



n26 SA / NR 20MHz / QPSK(ANT1)									
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)
Middle	1654	-67.47	-13	-54.47	-73.75	-70.72	4.00	9.40	H
	2481	-65.02	-13	-52.02	-75.34	-68.59	4.88	10.60	H
	3308	-63.92	-13	-50.92	-76.26	-68.85	5.52	12.60	H
	1654	-67.62	-13	-54.62	-73.75	-70.87	4.00	9.40	V
	2481	-65.02	-13	-52.02	-75.70	-68.59	4.88	10.60	V
	3308	-63.04	-13	-50.04	-75.82	-67.97	5.52	12.60	V

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

EN-DC_7A_n26A / LTE 10MHz + NR 20MHz / QPSK (ANT3+1)									
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)
NR n26 Middle	1654	-67.45	-13	-54.45	-73.73	-70.70	4.00	9.40	H
	2481	-64.86	-13	-51.86	-75.18	-68.43	4.88	10.60	H
	3308	-63.76	-13	-50.76	-76.10	-68.69	5.52	12.60	H
	1654	-67.54	-13	-54.54	-73.67	-70.79	4.00	9.40	V
	2481	-64.83	-13	-51.83	-75.51	-68.40	4.88	10.60	V
	3308	-63.62	-13	-50.62	-76.40	-68.55	5.52	12.60	V
LTE Band7 Middle	5061.18	-63.79	-25	-38.79	-81.21	-69.35	7.14	12.70	H
	7591.77	-57.84	-25	-32.84	-80.01	-61.14	8.30	11.60	H
	10122.36	-53.94	-25	-28.94	-81.03	-55.46	10.48	12.00	H
	5061.18	-63.71	-25	-38.71	-81.06	-69.27	7.14	12.70	V
	7591.77	-57.78	-25	-32.78	-79.73	-61.08	8.30	11.60	V
	10122.36	-54.32	-25	-29.32	-80.94	-55.84	10.48	12.00	V

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

n66 SA / NR 45MHz / QPSK(ANT4)									
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)
Middle	3447	-64.01	-13	-51.01	-76.54	-70.86	5.65	12.50	H
	5170.5	-61.82	-13	-48.82	-79.35	-67.49	7.13	12.80	H
	6894	-58.54	-13	-45.54	-79.22	-61.94	8.40	11.80	H
	3447	-63.42	-13	-50.42	-76.51	-70.27	5.65	12.50	V
	5170.5	-61.83	-13	-48.83	-79.31	-67.50	7.13	12.80	V
	6894	-58.67	-13	-45.67	-79.26	-62.07	8.40	11.80	V

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



EN-DC_7A_n66A / LTE 10MHz + NR 45MHz / QPSK (ANT3+4)									
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 n66 Middle	3447	-63.89	-13	-45.25	-76.42	-65.10	5.65	12.50	H
	5170.5	-62.08	-13	-42.82	-79.61	-61.49	7.13	12.80	H
	6894	-58.67	-13	-42.19	-79.35	-58.59	8.40	11.80	H
	3447	-63.63	-13	-43.73	-76.72	-63.58	5.65	12.50	V
	5170.5	-62.23	-13	-43.80	-79.71	-62.47	7.13	12.80	V
	6894	-58.64	-13	-41.71	-79.23	-58.11	8.40	11.80	V
LTE Band7 Middle	5061.18	-63.13	-25	-38.13	-80.55	-68.69	7.14	12.70	H
	7591.77	-57.42	-25	-32.42	-79.59	-60.72	8.30	11.60	H
	10122.36	-53.30	-25	-28.30	-80.39	-54.82	10.48	12.00	H
	5061.18	-62.88	-25	-37.88	-80.23	-68.44	7.14	12.70	V
	7591.77	-57.47	-25	-32.47	-79.42	-60.77	8.30	11.60	V
	10122.36	-53.80	-25	-28.80	-80.42	-55.32	10.48	12.00	V

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