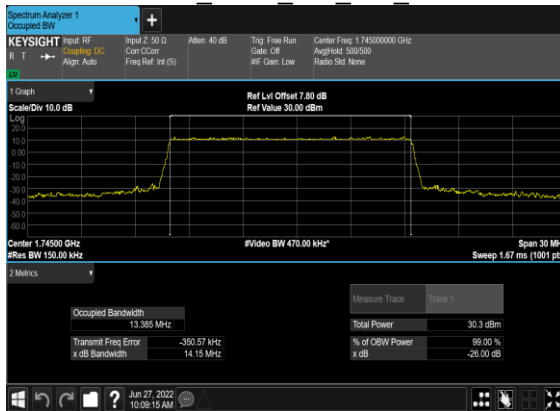
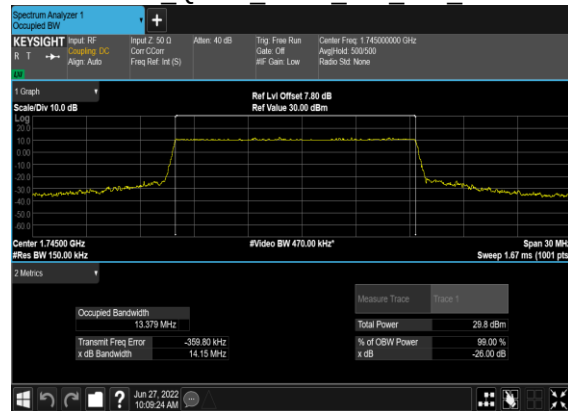


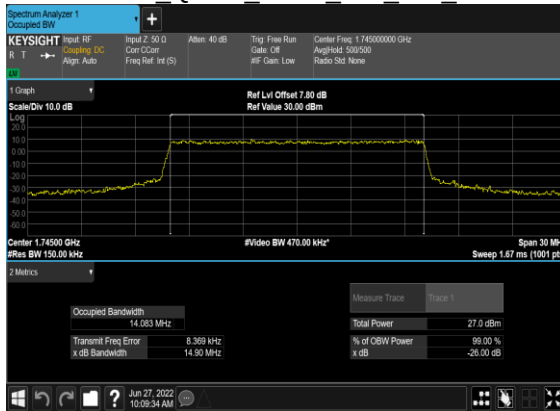
B2_N66(15M)_DFT-s-OFDM_PI_2-
BPSK Outer Full Mid CH



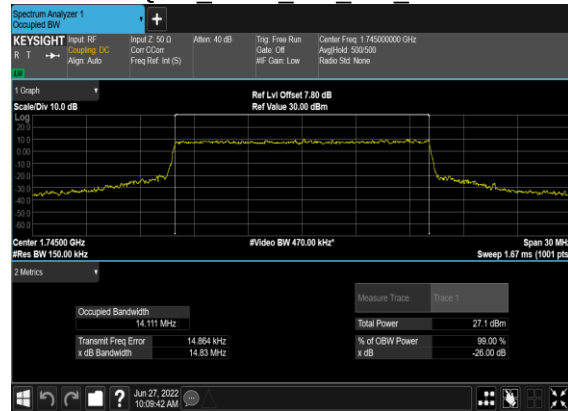
B2_N66(15M)_DFT-s-
OFDM QPSK Outer Full Mid CH



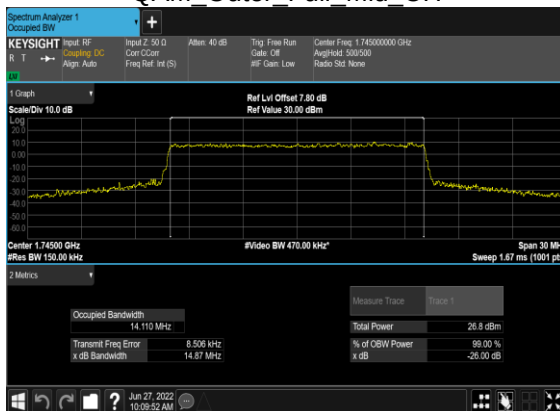
B2_N66(15M)_CP-
OFDM QPSK Outer Full Mid CH



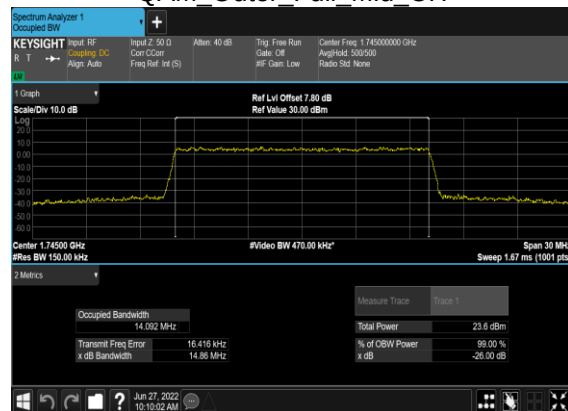
B2_N66(15M)_CP-OFDM_16
QAM Outer Full Mid CH



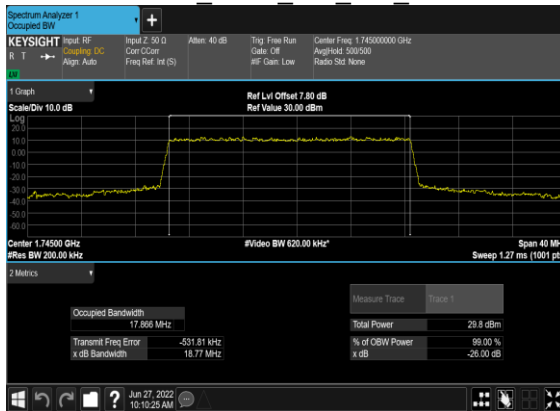
B2_N66(15M)_CP-OFDM_64
QAM Outer Full Mid CH



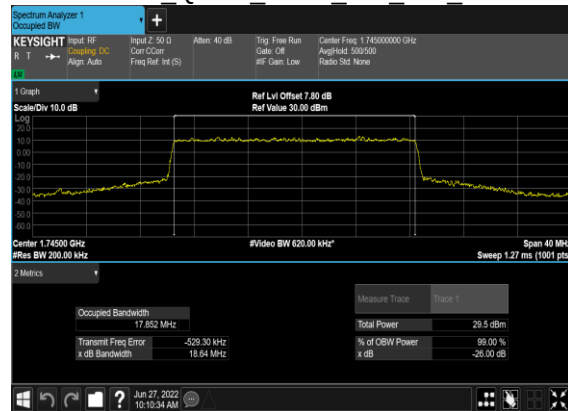
B2_N66(15M)_CP-OFDM_256
QAM Outer Full Mid CH



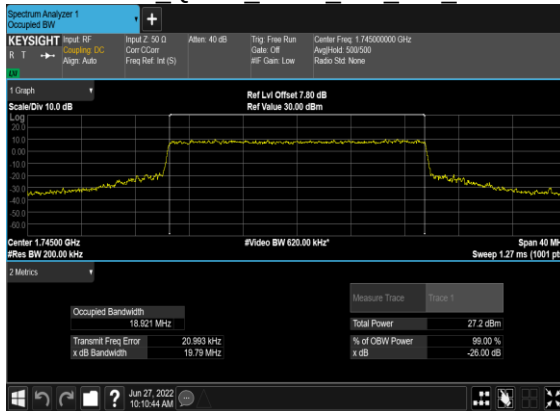
B2_N66(20M)_DFT-s-OFDM_PI_2-
BPSK Outer Full Mid CH



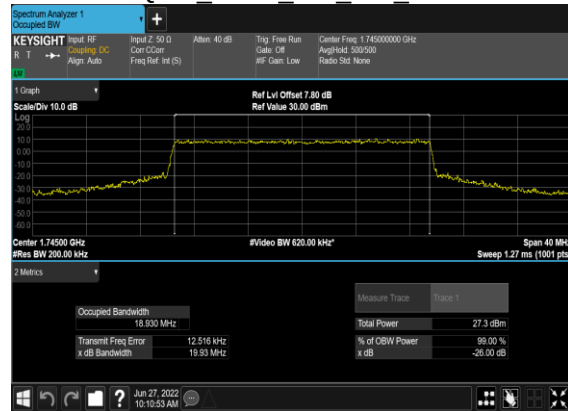
B2_N66(20M)_DFT-s-
OFDM_QPSK Outer Full Mid CH



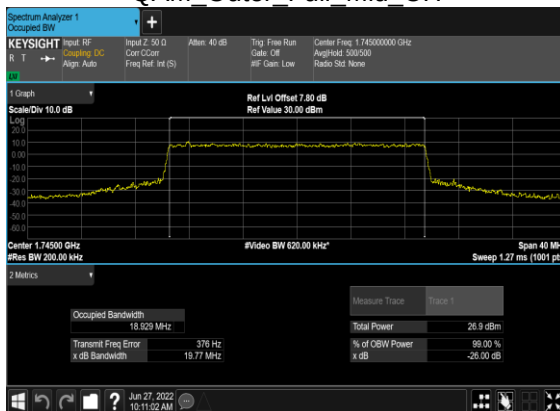
B2_N66(20M)_CP-
OFDM_QPSK Outer Full Mid CH



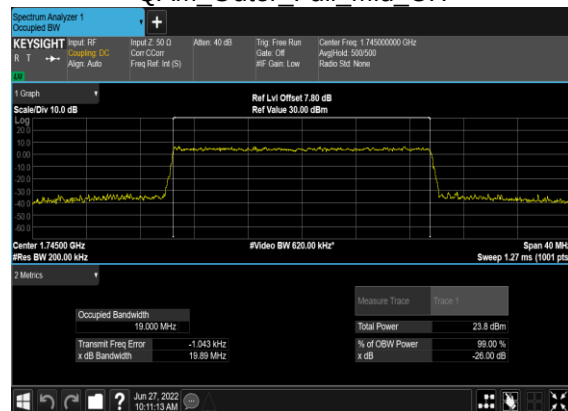
B2_N66(20M)_CP-OFDM_16
QAM Outer Full Mid CH



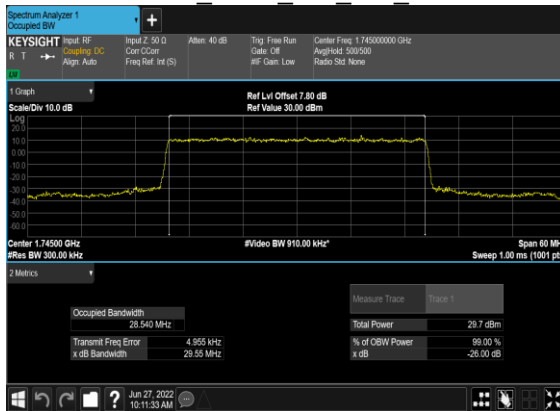
B2_N66(20M)_CP-OFDM_64
QAM Outer Full Mid CH



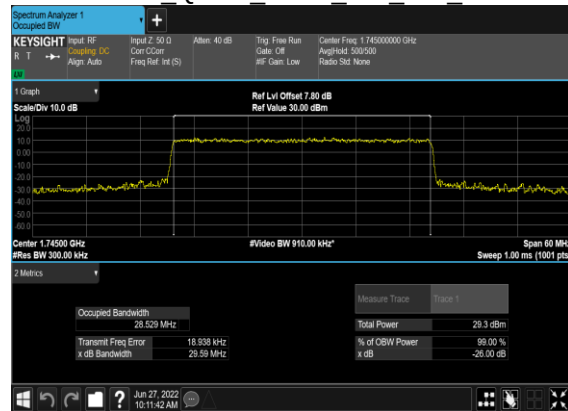
B2_N66(20M)_CP-OFDM_256
QAM Outer Full Mid CH



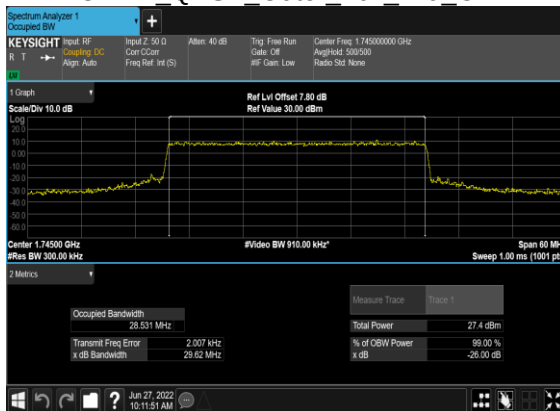
B2_N66(30M)_DFT-s-OFDM_PI_2-
BPSK Outer Full Mid CH



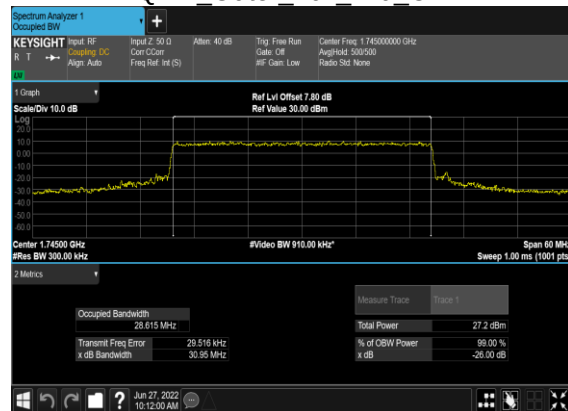
B2_N66(30M)_DFT-s-
OFDM QPSK Outer Full Mid CH



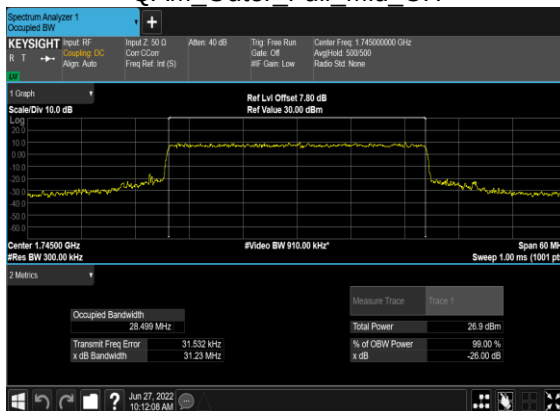
B2_N66(30M)_CP-
OFDM QPSK Outer Full Mid CH



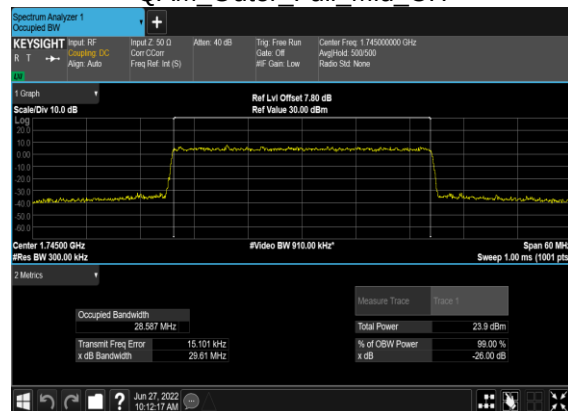
B2_N66(30M)_CP-OFDM_16
QAM Outer Full Mid CH



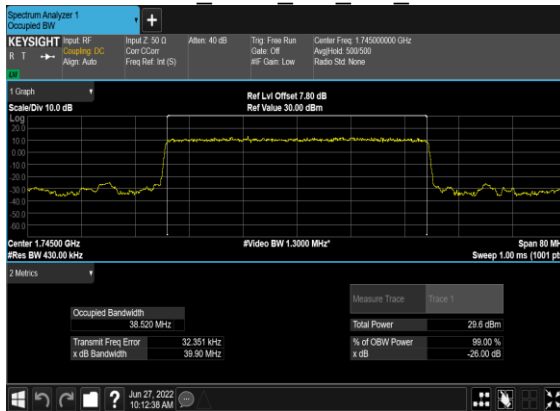
B2_N66(30M)_CP-OFDM_64
QAM Outer Full Mid CH



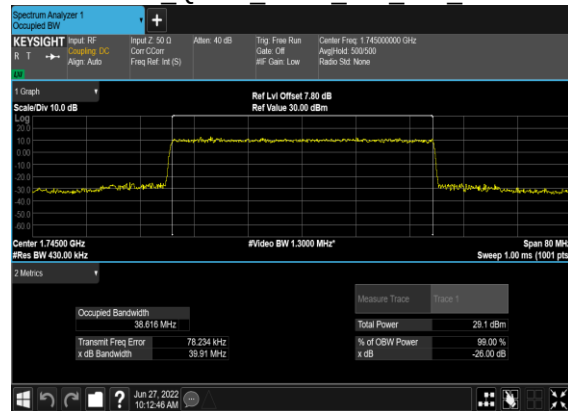
B2_N66(30M)_CP-OFDM_256
QAM Outer Full Mid CH



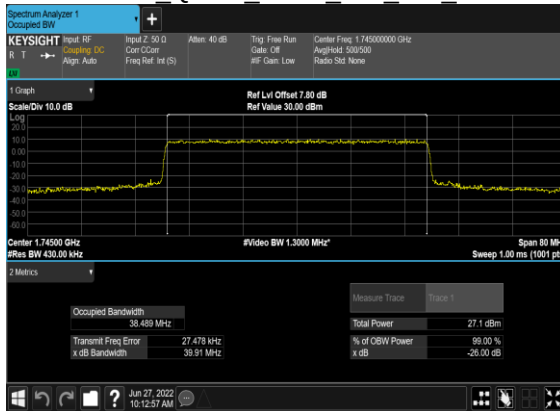
B2_N66(40M)_DFT-s-OFDM_PI_2-
BPSK Outer Full Mid CH



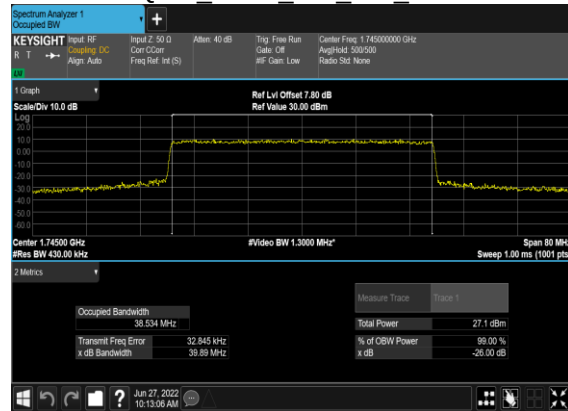
B2_N66(40M)_DFT-s-
OFDM_QPSK Outer Full Mid CH



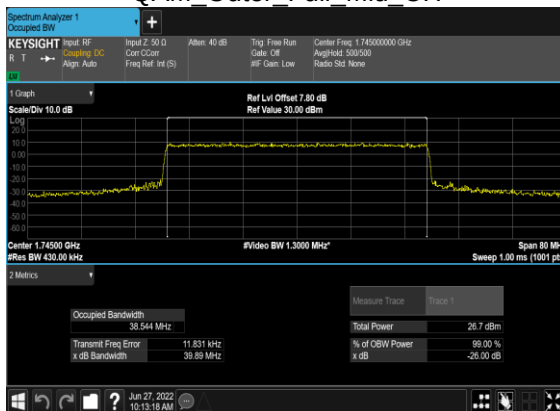
B2_N66(40M)_CP-
OFDM_QPSK Outer Full Mid CH



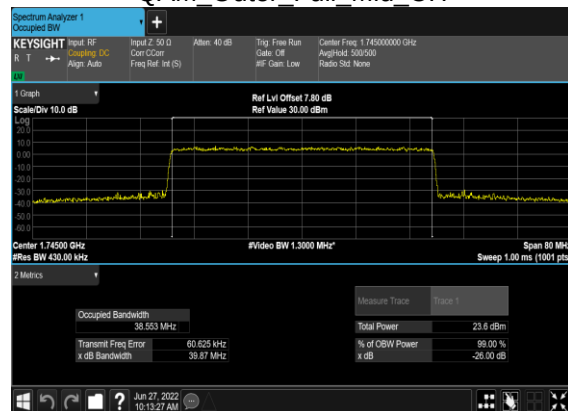
B2_N66(40M)_CP-OFDM_16
QAM Outer Full Mid CH



B2_N66(40M)_CP-OFDM_64
QAM Outer Full Mid CH



B2_N66(40M)_CP-OFDM_256
QAM Outer Full Mid CH

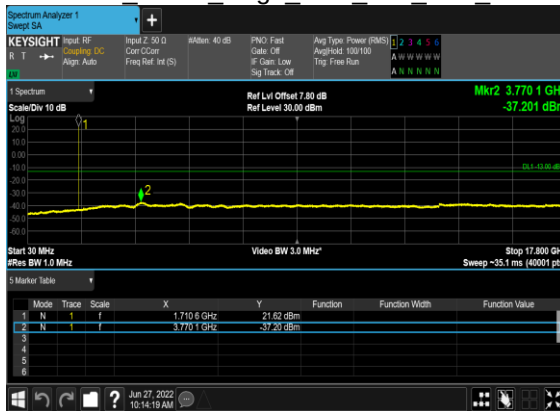


Conducted Spurious Emissions

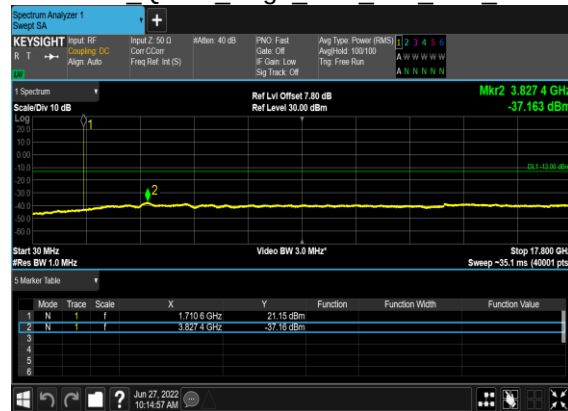
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	PASS

66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

B2_N66(5M)_DFT-s-
OFDM BPSK Edge 1RB Left Low CH



B2_N66(5M)_DFT-s-
OFDM QPSK Edge 1RB Left Low CH



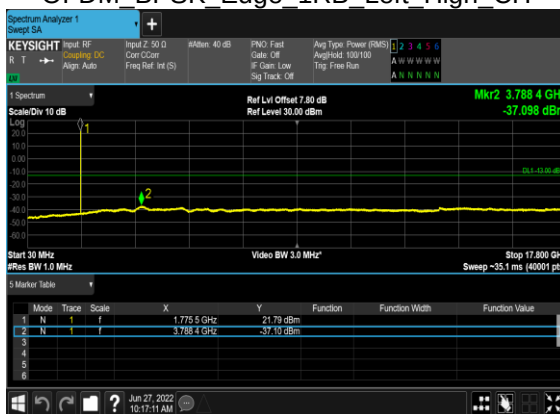
B2_N66(5M)_DFT-s-
OFDM BPSK Edge 1RB Left Mid CH



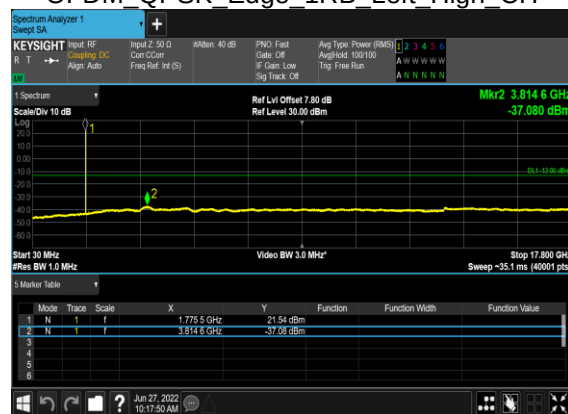
B2_N66(5M)_DFT-s-
OFDM QPSK Edge 1RB Left Mid CH



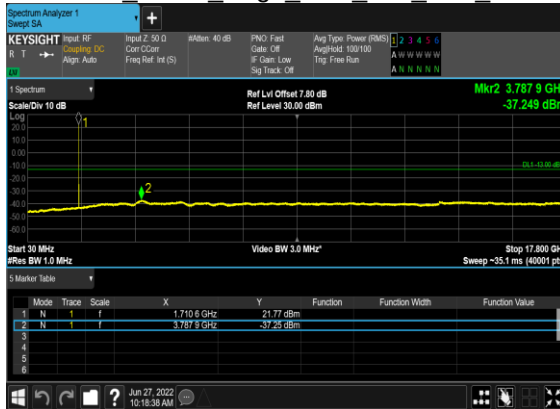
B2_N66(5M)_DFT-s-
OFDM BPSK Edge 1RB Left High CH



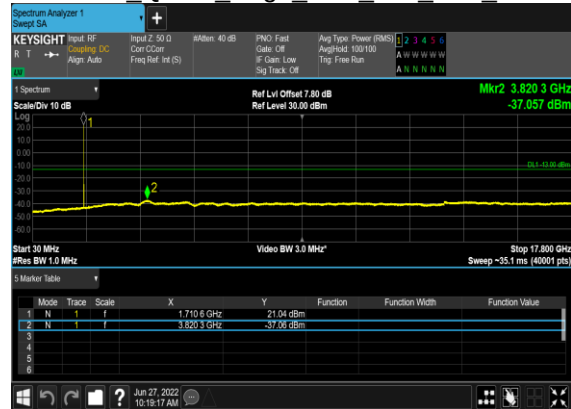
B2_N66(5M)_DFT-s-
OFDM QPSK Edge 1RB Left High CH



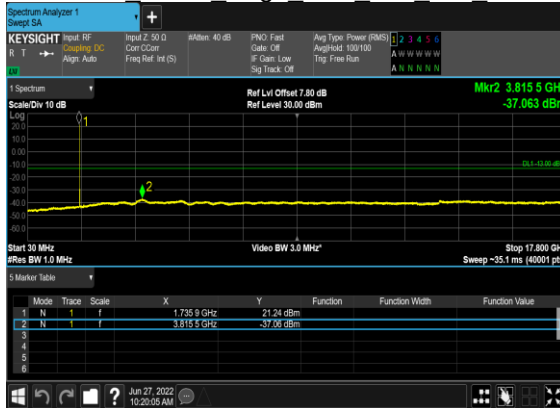
B2_N66(20M)_DFT-s-
OFDM BPSK Edge 1RB Left Low CH



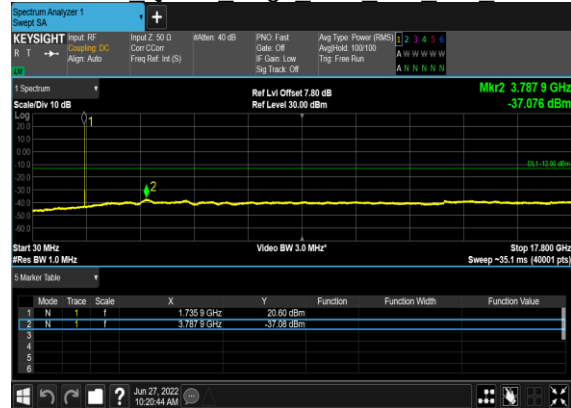
B2_N66(20M)_DFT-s-
OFDM QPSK Edge 1RB Left Low CH



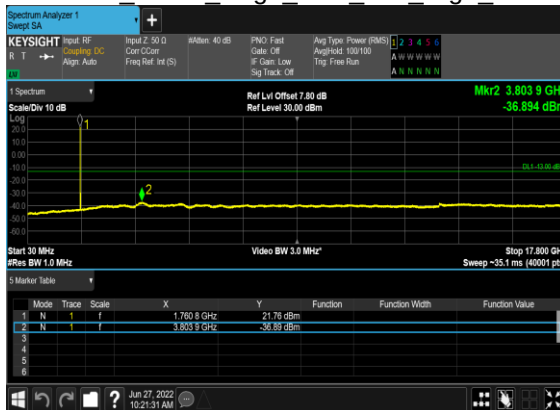
B2_N66(20M)_DFT-s-
OFDM BPSK Edge 1RB Left Mid CH



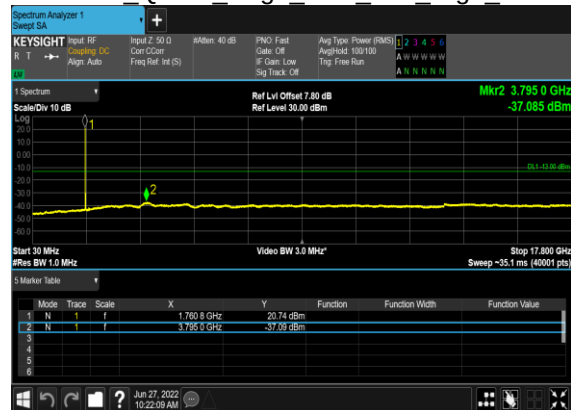
B2_N66(20M)_DFT-s-
OFDM QPSK Edge 1RB Left Mid CH



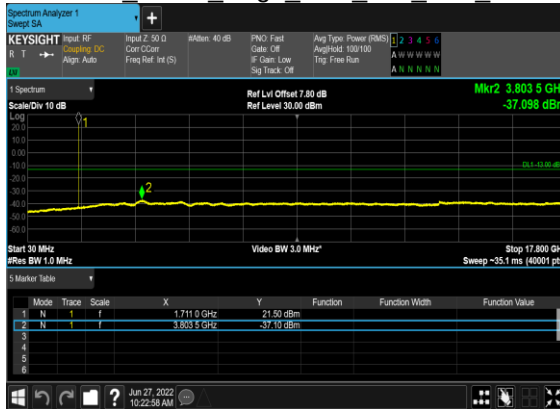
B2_N66(20M)_DFT-s-
OFDM BPSK Edge 1RB Left High CH



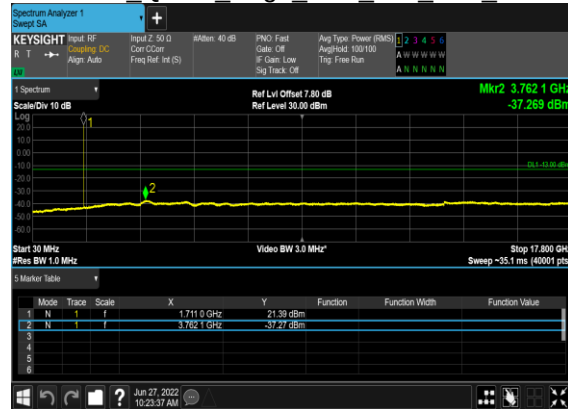
B2_N66(20M)_DFT-s-
OFDM QPSK Edge 1RB Left High CH



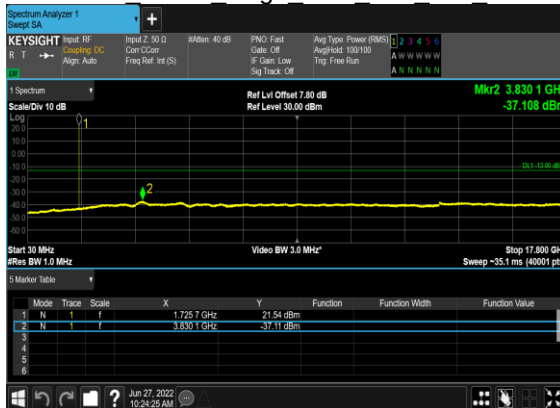
B2_N66(40M)_DFT-s-OFDM BPSK Edge 1RB Left Low CH



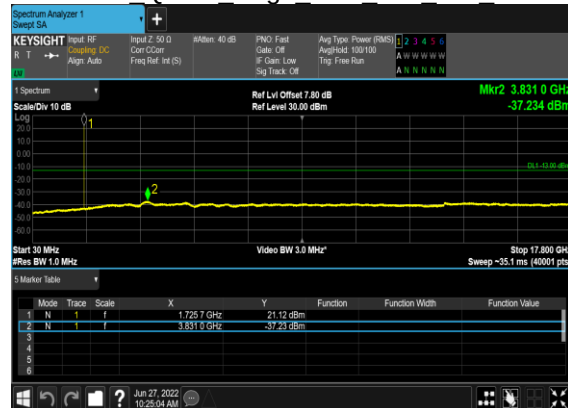
B2_N66(40M)_DFT-s-OFDM QPSK Edge 1RB Left Low CH



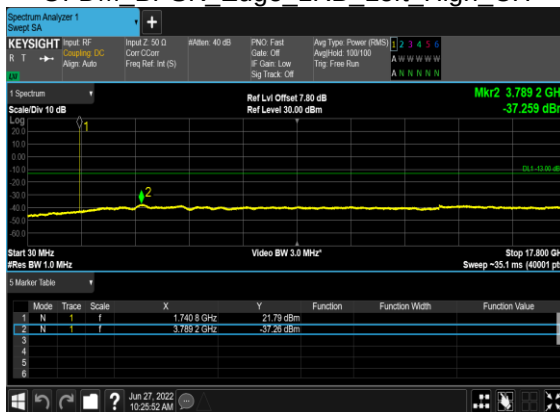
B2_N66(40M)_DFT-s-OFDM BPSK Edge 1RB Left Mid CH



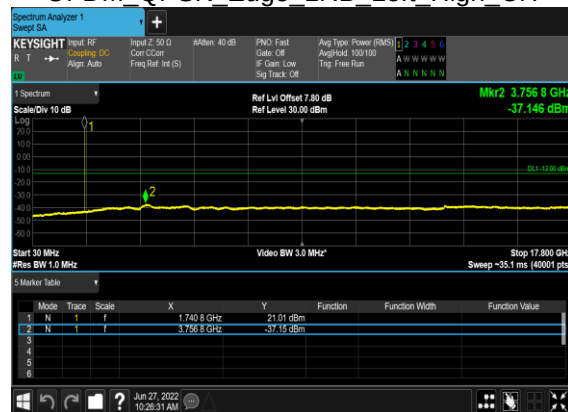
B2_N66(40M)_DFT-s-OFDM QPSK Edge 1RB Left Mid CH



B2_N66(40M)_DFT-s-OFDM BPSK Edge 1RB Left High CH



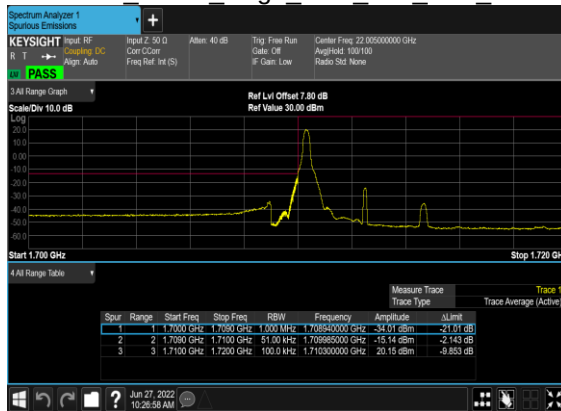
B2_N66(40M)_DFT-s-OFDM QPSK Edge 1RB Left High CH



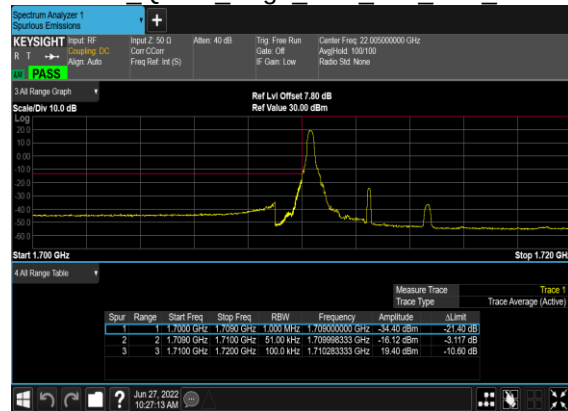
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	216@0	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	1@215	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@215	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	216@0	see graph	PASS

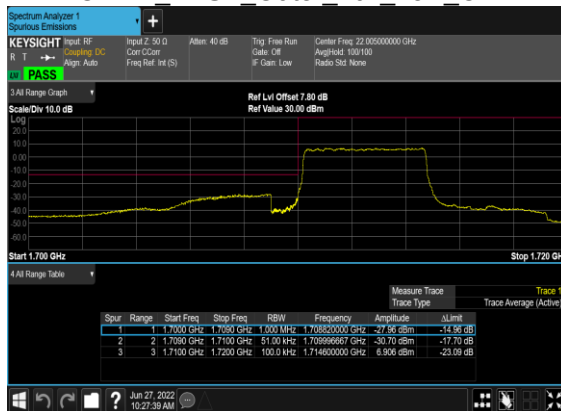
B2_N66(5M)_DFT-s-OFDM BPSK Edge 1RB Left Low CH



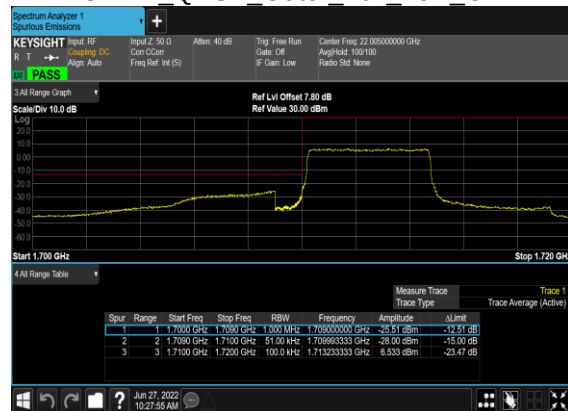
B2_N66(5M)_DFT-s-OFDM QPSK Edge 1RB Left Low CH



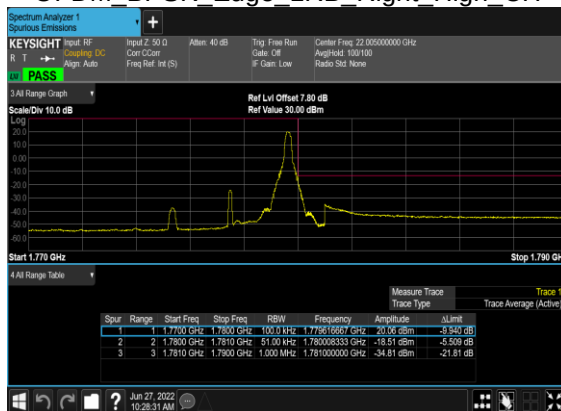
B2_N66(5M)_DFT-s-OFDM BPSK Outer Full Low CH



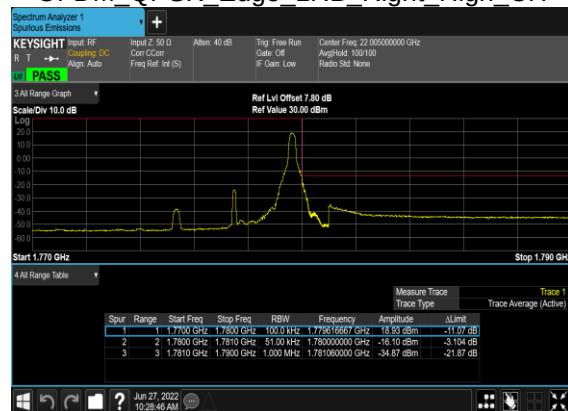
B2_N66(5M)_DFT-s-OFDM QPSK Outer Full Low CH



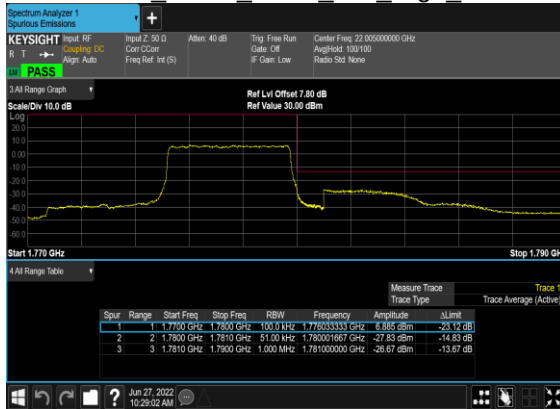
B2_N66(5M)_DFT-s-OFDM BPSK Edge 1RB Right High CH



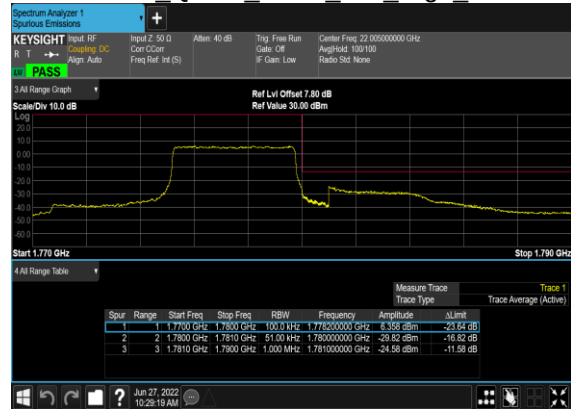
B2_N66(5M)_DFT-s-OFDM QPSK Edge 1RB Right High CH



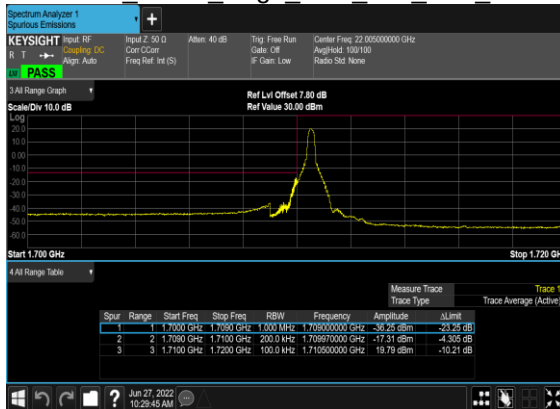
B2_N66(5M)_DFT-s-
OFDM BPSK Outer Full High CH



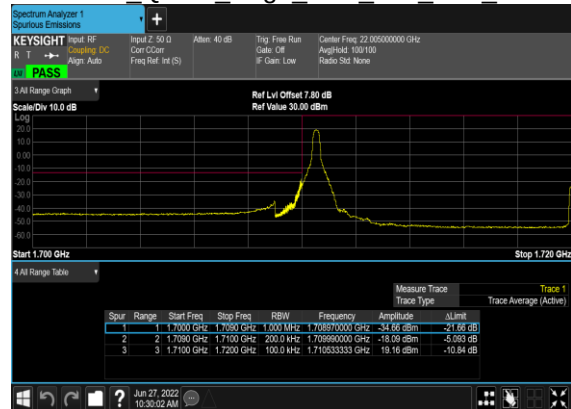
B2_N66(5M)_DFT-s-
OFDM QPSK Outer Full High CH



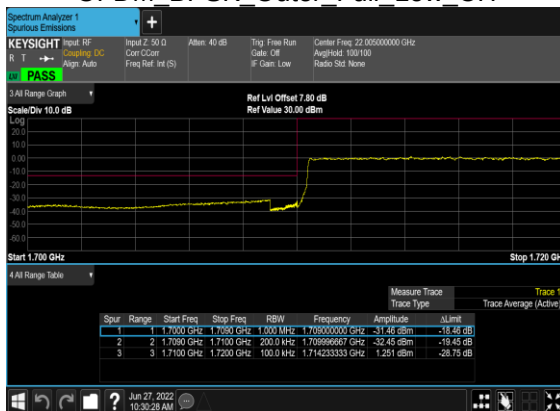
B2_N66(20M)_DFT-s-
OFDM BPSK Edge 1RB Left Low CH



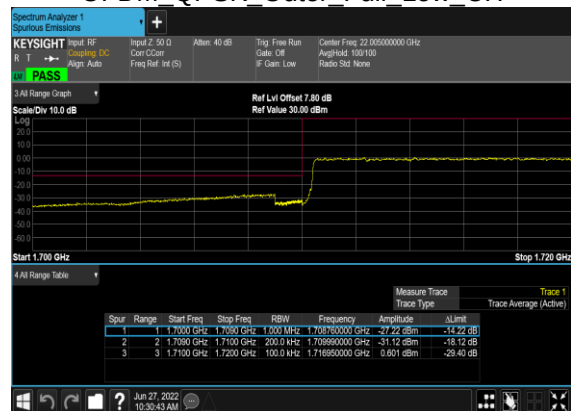
B2_N66(20M)_DFT-s-
OFDM QPSK Edge 1RB Left Low CH



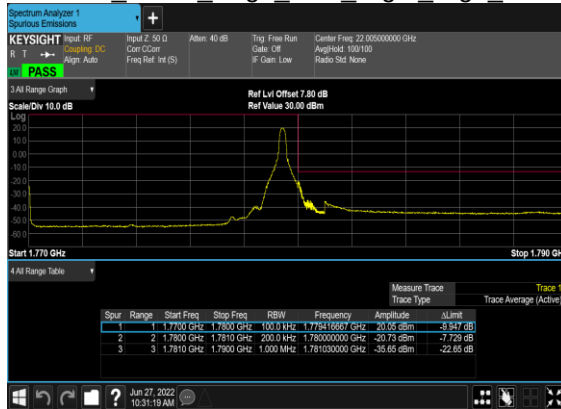
B2_N66(20M)_DFT-s-
OFDM BPSK Outer Full Low CH



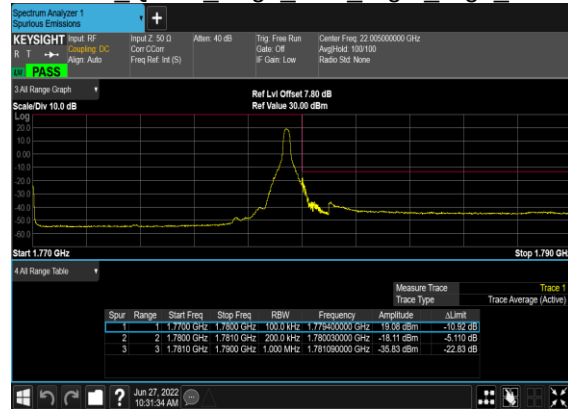
B2_N66(20M)_DFT-s-
OFDM QPSK Outer Full Low CH



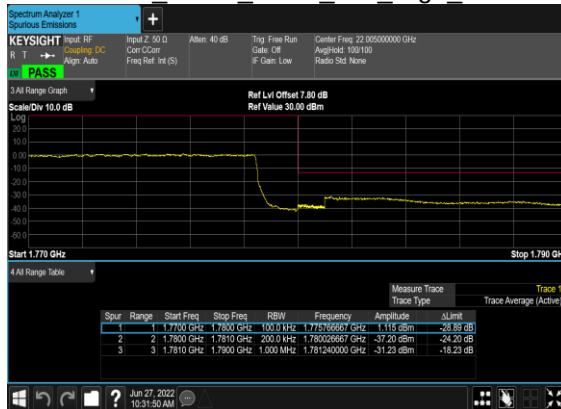
B2_N66(20M)_DFT-s-
OFDM BPSK Edge 1RB Right High CH



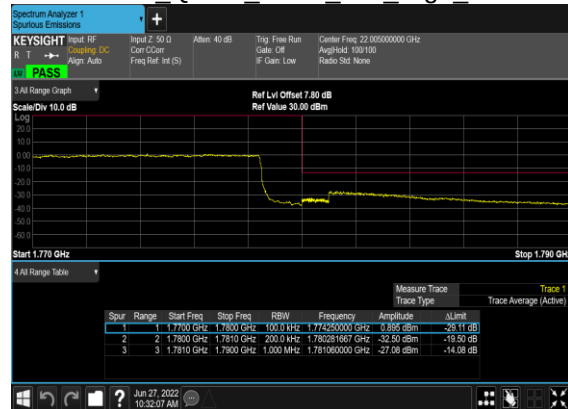
B2_N66(20M)_DFT-s-
OFDM QPSK Edge 1RB Right High CH



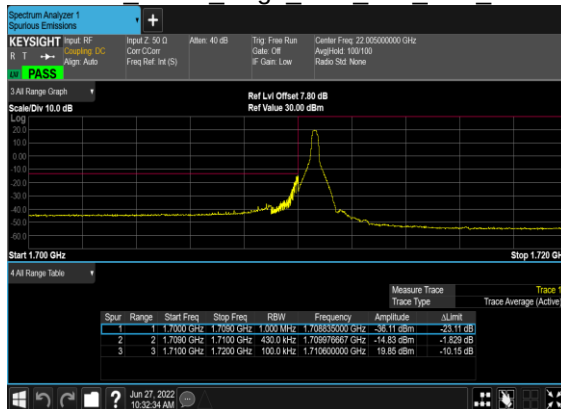
B2_N66(20M)_DFT-s-
OFDM BPSK Outer Full High CH



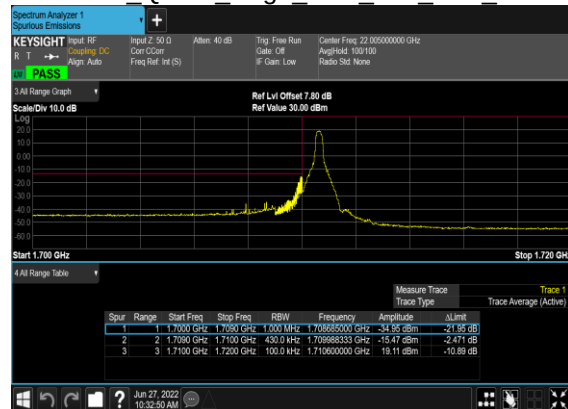
B2_N66(20M)_DFT-s-
OFDM QPSK Outer Full High CH



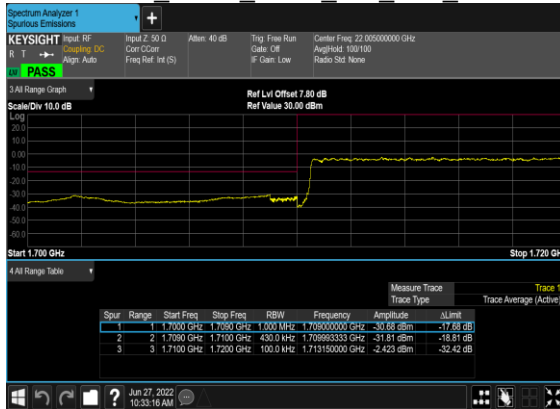
B2_N66(40M)_DFT-s-
OFDM BPSK Edge 1RB Left Low CH



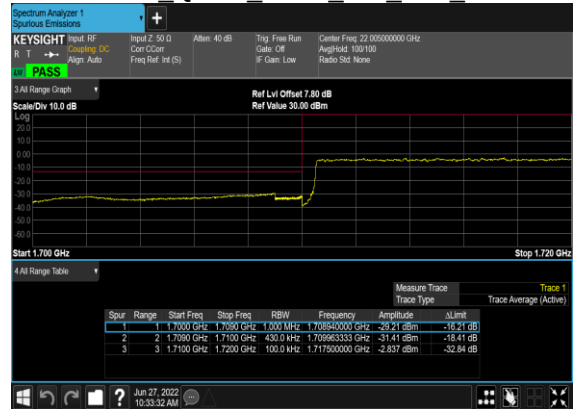
B2_N66(40M)_DFT-s-
OFDM QPSK Edge 1RB Left Low CH



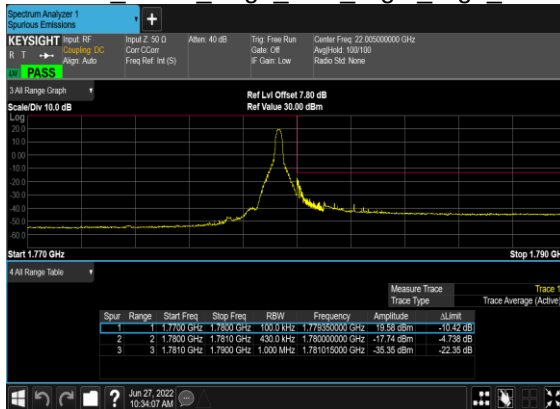
B2_N66(40M)_DFT-s-OFDM BPSK Outer Full Low CH



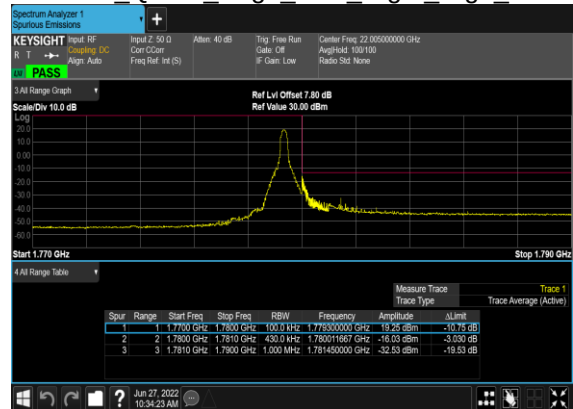
B2_N66(40M)_DFT-s-OFDM QPSK Outer Full Low CH



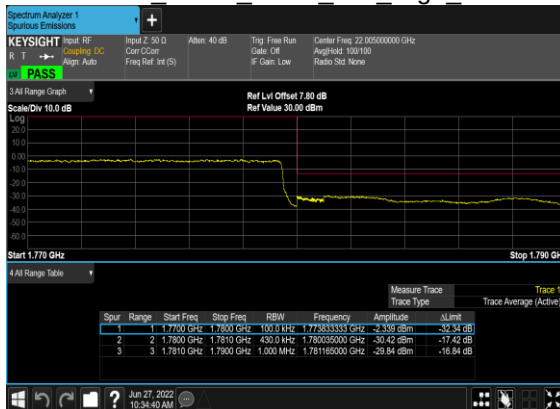
B2_N66(40M)_DFT-s-OFDM BPSK Edge 1RB Right High CH



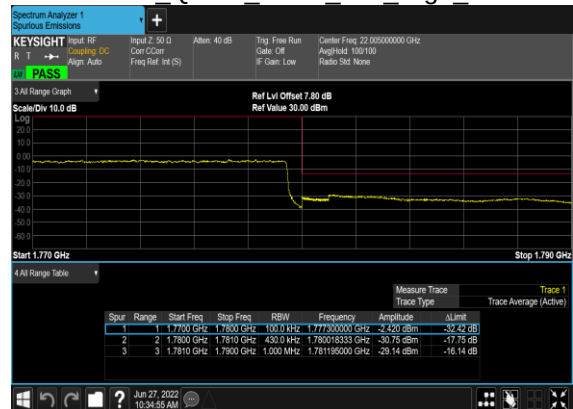
B2_N66(40M)_DFT-s-OFDM QPSK Edge 1RB Right High CH



B2_N66(40M)_DFT-s-OFDM BPSK Outer Full High CH



B2_N66(40M)_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.

EN-DC_66A_n2A / LTE 20MHz + NR 20MHz / QPSK / ANT1(LTE) & ANT0(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 n2 Lowest	3702	-59.87	-13	-46.87	-77.99	-66.63	5.82	12.58	H
	5550	-56.72	-13	-43.72	-78.76	-62.44	7.28	13.00	H
	7404	-53.79	-13	-40.79	-80.47	-56.95	8.32	11.48	H
	3702	-60.05	-13	-47.05	-78.07	-66.81	5.82	12.58	V
	5550	-50.57	-13	-37.57	-72.79	-56.29	7.28	13.00	V
	7404	-53.84	-13	-40.84	-80.54	-57.00	8.32	11.48	V
LTE Band66 Lowest	3472	-63.38	-13	-50.38	-80.32	-70.23	5.65	12.50	H
	5208	-60.25	-13	-47.25	-81.68	-65.92	7.13	12.80	H
	6944	-55.44	-13	-42.44	-81.36	-58.84	8.40	11.80	H
	3472	-63.02	-13	-50.02	-79.98	-69.87	5.65	12.50	V
	5208	-60.14	-13	-47.14	-81.82	-65.81	7.13	12.80	V
	6944	-55.14	-13	-42.14	-81.53	-58.54	8.40	11.80	V
NR n2 Middle	3744	-57.90	-13	-44.90	-75.77	-64.65	5.85	12.60	H
	5610	-57.04	-13	-44.04	-79.30	-62.84	7.30	13.10	H
	7482	-54.09	-13	-41.09	-80.42	-57.24	8.35	11.50	H
	3744	-58.07	-13	-45.07	-75.86	-64.82	5.85	12.60	V
	5610	-53.66	-13	-40.66	-76.11	-59.46	7.30	13.10	V
	7482	-53.21	-13	-40.21	-79.53	-56.36	8.35	11.50	V
LTE Band66 Middle	3472	-63.26	-13	-50.26	-80.20	-70.11	5.65	12.50	H
	5208	-57.45	-13	-44.45	-78.88	-63.12	7.13	12.80	H
	6944	-55.34	-13	-42.34	-81.26	-58.74	8.40	11.80	H
	3472	-63.10	-13	-50.10	-80.06	-69.95	5.65	12.50	V
	5208	-60.04	-13	-47.04	-81.72	-65.71	7.13	12.80	V
	6944	-54.67	-13	-41.67	-81.06	-58.07	8.40	11.80	V
NR n2 Highest	3780	-59.89	-13	-46.89	-77.69	-66.63	5.88	12.62	H
	5670	-45.87	-13	-32.87	-68.99	-51.68	7.32	13.13	H
	7560	-53.87	-13	-40.87	-79.98	-57.03	8.38	11.54	H
	3780	-59.66	-13	-46.66	-77.43	-66.40	5.88	12.62	V
	5670	-49.81	-13	-36.81	-72.41	-55.62	7.32	13.13	V
	7560	-53.95	-13	-40.95	-80.03	-57.11	8.38	11.54	V
LTE Band66 Highest	3472	-63.20	-13	-50.20	-80.14	-70.05	5.65	12.50	H
	5208	-60.22	-13	-47.22	-81.65	-65.89	7.13	12.80	H



	6944	-55.28	-13	-42.28	-81.20	-58.68	8.40	11.80	H
	3472	-63.26	-13	-50.26	-80.22	-70.11	5.65	12.50	V
	5208	-60.02	-13	-47.02	-81.7	-65.69	7.13	12.80	V
	6944	-54.48	-13	-41.48	-80.87	-57.88	8.40	11.80	V

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

EN-DC 7A n5A / LTE 20MHz + NR 20MHz / QPSK / ANT1(LTE) & ANT0(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)
NR n5 Lowest	1649	-66.63	-13	-53.63	-76.02	-69.86	3.98	9.36	H
	2474	-61.95	-13	-48.95	-76.11	-65.50	4.85	10.55	H
	3299	-62.70	-13	-49.70	-79.20	-67.63	5.50	12.58	H
	1649	-67.01	-13	-54.01	-76.14	-70.24	3.98	9.36	V
	2474	-62.28	-13	-49.28	-76.41	-65.83	4.85	10.55	V
	3299	-62.79	-13	-49.79	-79.10	-67.72	5.50	12.58	V
LTE Band7 Lowest	5052.18	-58.43	-25	-33.43	-80.37	-63.99	7.14	12.70	H
	7578.27	-53.83	-25	-28.83	-79.93	-57.13	8.30	11.60	H
	10104.36	-48.43	-25	-23.43	-80.02	-49.95	10.48	12.00	H
	5052.18	-58.71	-25	-33.71	-80.77	-64.27	7.14	12.70	V
	7578.27	-54.15	-25	-29.15	-80.21	-57.45	8.30	11.60	V
	10104.36	-50.24	-25	-25.24	-80.43	-51.76	10.48	12.00	V
NR n5 Middle	1654	-65.96	-13	-52.96	-75.45	-69.21	4.00	9.40	H
	2482	-59.12	-13	-46.12	-73.28	-62.69	4.88	10.60	H
	3307	-62.36	-13	-49.36	-78.69	-67.29	5.52	12.60	H
	1654	-65.99	-13	-52.99	-75.22	-69.24	4.00	9.40	V
	2482	-59.23	-13	-46.23	-73.36	-62.80	4.88	10.60	V
	3307	-62.35	-13	-49.35	-78.46	-67.28	5.52	12.60	V
LTE Band7 Middle	5052.00	-59.14	-25	-34.14	-81.08	-64.70	7.14	12.70	H
	7578.00	-54.30	-25	-29.30	-80.40	-57.60	8.30	11.60	H
	10104.00	-49.22	-25	-24.22	-80.81	-50.74	10.48	12.00	H
	5052.00	-59.19	-25	-34.19	-81.25	-64.75	7.14	12.70	V
	7578.00	-54.73	-25	-29.73	-80.79	-58.03	8.30	11.60	V
	10104.00	-50.57	-25	-25.57	-80.76	-52.09	10.48	12.00	V
NR n5 Highest	1659	-66.92	-13	-53.92	-76.42	-70.09	4.10	9.42	H
	2489	-61.11	-13	-48.11	-75.21	-64.69	4.90	10.63	H
	3319	-63.01	-13	-50.01	-79.39	-67.93	5.55	12.62	H
	1659	-67.32	-13	-54.32	-76.42	-70.49	4.10	9.42	V
	2489	-61.99	-13	-48.99	-76.05	-65.57	4.90	10.63	V
	3319	-62.67	-13	-49.67	-78.83	-67.59	5.55	12.62	V
LTE Band7 Highest	5052.18	-58.80	-25	-33.80	-80.74	-64.36	7.14	12.70	H
	7578.27	-54.41	-25	-29.41	-80.51	-57.71	8.30	11.60	H
	10104.36	-48.72	-25	-23.72	-80.31	-50.24	10.48	12.00	H
	5052.18	-59.08	-25	-34.08	-81.14	-64.64	7.14	12.70	V
	7578.27	-54.37	-25	-29.37	-80.43	-57.67	8.30	11.60	V
	10104.36	-50.25	-25	-25.25	-80.44	-51.77	10.48	12.00	V

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



SA n7 / NR 40MHz / QPSK / ANT0									
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 Lowest	5004.00	-57.86	-25	-32.86	-79.81	-63.42	7.12	12.68	H
	7500.00	-48.98	-25	-23.98	-75.20	-52.31	8.26	11.59	H
	10000.00	-49.23	-25	-24.23	-80.82	-50.76	10.45	11.98	H
	5004.00	-57.79	-25	-32.79	-79.81	-63.35	7.12	12.68	V
	7500.00	-50.25	-25	-25.25	-76.46	-53.58	8.26	11.59	V
	10000.00	-51.00	-25	-26.00	-80.92	-52.53	10.45	11.98	V
NR n7 Middle	5034.00	-58.89	-25	-33.89	-80.83	-64.45	7.14	12.70	H
	7548.00	-48.60	-25	-23.60	-74.75	-51.90	8.30	11.60	H
	10062.00	-48.69	-25	-23.69	-80.28	-50.21	10.48	12.00	H
	5034.00	-58.66	-25	-33.66	-80.69	-64.22	7.14	12.70	V
	7548.00	-49.07	-25	-24.07	-75.19	-52.37	8.30	11.60	V
	10062.00	-49.84	-25	-24.84	-79.91	-51.36	10.48	12.00	V
NR n7 Highest	5064.00	-57.14	-25	-32.14	-79.04	-62.70	7.16	12.72	H
	7590.00	-48.13	-25	-23.13	-74.20	-51.43	8.33	11.63	H
	10116.00	-48.18	-25	-23.18	-79.77	-49.78	10.50	12.10	H
	5064.00	-56.98	-25	-31.98	-79.02	-62.54	7.16	12.72	V
	7590.00	-47.51	-25	-22.51	-73.53	-50.81	8.33	11.63	V
	10116.00	-50.45	-25	-25.45	-80.64	-52.05	10.50	12.10	V

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



EN-DC_2A_n7A / LTE 20MHz + NR 40MHz / QPSK / ANT1(LTE) & ANT0(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 Lowest	5004.00	-58.77	-25	-33.77	-80.67	-64.33	7.12	12.68	H
	7500.00	-54.18	-25	-29.18	-80.29	-57.51	8.26	11.59	H
	10000.00	-48.72	-25	-23.72	-80.31	-50.25	10.45	11.98	H
	5004.00	-58.66	-25	-33.66	-80.68	-64.22	7.12	12.68	V
	7500.00	-54.30	-25	-29.30	-80.38	-57.63	8.26	11.59	V
	10000.00	-50.26	-25	-25.26	-80.37	-51.79	10.45	11.98	V
LTE Band2 Lowest	3742.18	-61.50	-13	-48.50	-79.37	-68.25	5.85	12.60	H
	5613.27	-58.49	-13	-45.49	-80.75	-64.29	7.30	13.10	H
	7484.36	-53.92	-13	-40.92	-80.25	-57.07	8.35	11.50	H
	3742.18	-61.50	-13	-48.50	-79.29	-68.25	5.85	12.60	V
	5613.27	-58.79	-13	-45.79	-81.24	-64.59	7.30	13.10	V
	7484.36	-53.87	-13	-40.87	-80.19	-57.02	8.35	11.50	V
NR n7 Middle	5034.00	-58.74	-25	-33.74	-80.68	-64.30	7.14	12.70	H
	7548.00	-54.12	-25	-29.12	-80.24	-57.42	8.30	11.60	H
	10062.00	-48.90	-25	-23.90	-80.49	-50.42	10.48	12.00	H
	5034.00	-58.17	-25	-33.17	-80.25	-63.73	7.14	12.70	V
	7548.00	-53.54	-25	-28.54	-79.6	-56.84	8.30	11.60	V
	10062.00	-50.29	-25	-25.29	-80.55	-51.81	10.48	12.00	V
LTE Band2 Middle	3742	-61.54	-13	-48.54	-79.41	-68.29	5.85	12.60	H
	5613	-58.22	-13	-45.22	-80.48	-64.02	7.30	13.10	H
	7484	-53.74	-13	-40.74	-80.07	-56.89	8.35	11.50	H
	3742	-61.53	-13	-48.53	-79.32	-68.28	5.85	12.60	V
	5613	-58.72	-13	-45.72	-81.17	-64.52	7.30	13.10	V
	7484	-54.05	-13	-41.05	-80.37	-57.20	8.35	11.50	V
NR n7 Highest	5064.00	-57.83	-25	-32.83	-79.73	-63.39	7.16	12.72	H
	7590.00	-51.30	-25	-26.30	-77.37	-54.60	8.33	11.63	H
	10125.00	-48.62	-25	-23.62	-80.21	-50.22	10.50	12.10	H
	5064.00	-57.55	-25	-32.55	-79.59	-63.11	7.16	12.72	V
	7590.00	-50.91	-25	-25.91	-76.93	-54.21	8.33	11.63	V
	10125.00	-50.06	-25	-25.06	-80.28	-51.66	10.50	12.10	V
LTE Band2 Highest	3742.18	-61.39	-13	-48.39	-79.26	-68.14	5.85	12.60	H
	5613.27	-58.52	-13	-45.52	-80.78	-64.32	7.30	13.10	H
	7484.36	-53.66	-13	-40.66	-79.99	-56.81	8.35	11.50	H
	3742.18	-61.59	-13	-48.59	-79.38	-68.34	5.85	12.60	V
	5613.27	-58.54	-13	-45.54	-80.99	-64.34	7.30	13.10	V
	7484.36	-53.75	-13	-40.75	-80.07	-56.90	8.35	11.50	V

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



SA n38 / NR 40MHz / QPSK / ANT0									
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 n38 Lowest	5180.00	-59.97	-25	-34.97	-81.53	-65.53	7.12	12.68	H
	7770.00	-54.04	-25	-29.04	-80.44	-57.37	8.26	11.59	H
	10360.00	-49.22	-25	-24.22	-80.81	-50.75	10.45	11.98	H
	5180.00	-59.73	-25	-34.73	-81.58	-65.29	7.12	12.68	V
	7770.00	-54.42	-25	-29.42	-80.66	-57.75	8.26	11.59	V
	10360.00	-50.24	-25	-25.24	-81	-51.77	10.45	11.98	V
NR n38 Middle	5190.00	-59.90	-25	-34.90	-81.46	-65.46	7.14	12.70	H
	7788.00	-54.03	-25	-29.03	-80.41	-57.33	8.30	11.60	H
	10380.00	-49.59	-25	-24.59	-81.18	-51.11	10.48	12.00	H
	5190.00	-58.32	-25	-33.32	-80.17	-63.88	7.14	12.70	V
	7788.00	-54.13	-25	-29.13	-80.34	-57.43	8.30	11.60	V
	10380.00	-50.36	-25	-25.36	-81.15	-51.88	10.48	12.00	V
NR n38 Highest	5220.00	-57.62	-25	-32.62	-79.05	-63.18	7.16	12.72	H
	7830.00	-53.87	-25	-28.87	-80.59	-57.17	8.33	11.63	H
	10440.00	-49.18	-25	-24.18	-80.77	-50.78	10.50	12.10	H
	5220.00	-56.34	-25	-31.34	-78.02	-61.90	7.16	12.72	V
	7830.00	-54.65	-25	-29.65	-81.17	-57.95	8.33	11.63	V
	10440.00	-49.85	-25	-24.85	-80.76	-51.45	10.50	12.10	V

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



SA n66 / NR 40MHz / QPSK / ANT0									
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 Lowest	3460	-62.56	-13	-49.56	-79.55	-69.44	5.60	12.48	H
	5190	-59.17	-13	-46.17	-80.73	-64.85	7.10	12.78	H
	6920	-55.07	-13	-42.07	-80.78	-58.46	8.38	11.77	H
	3460	-62.67	-13	-49.67	-79.68	-69.55	5.60	12.48	V
	5190	-59.08	-13	-46.08	-80.93	-64.76	7.10	12.78	V
	6920	-54.61	-13	-41.61	-80.8	-58.00	8.38	11.77	V
NR n66 Middle	3490	-62.61	-13	-49.61	-79.63	-69.46	5.65	12.50	H
	5235	-60.12	-13	-47.12	-81.57	-65.79	7.13	12.80	H
	6980	-54.47	-13	-41.47	-80.56	-57.87	8.40	11.80	H
	3490	-62.46	-13	-49.46	-79.47	-69.31	5.65	12.50	V
	5235	-60.13	-13	-47.13	-81.75	-65.80	7.13	12.80	V
	6980	-54.35	-13	-41.35	-80.9	-57.75	8.40	11.80	V
NR n66 Highest	3520	-61.82	-13	-48.82	-79.06	-68.66	5.68	12.52	H
	5280	-60.37	-13	-47.37	-81.86	-66.04	7.15	12.82	H
	7038	-54.04	-13	-41.04	-80.30	-57.47	8.42	11.85	H
	3520	-62.38	-13	-49.38	-79.56	-69.22	5.68	12.52	V
	5280	-60.11	-13	-47.11	-81.73	-65.78	7.15	12.82	V
	7040	-53.59	-13	-40.59	-80.29	-57.02	8.42	11.85	V

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



EN-DC_7A_n66A / LTE 20MHz + NR 40MHz / QPSK / ANT1(LTE) & ANT0(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 n66 Lowest	3460	-62.40	-13	-49.40	-79.39	-69.28	5.60	12.48	H
	5190	-59.54	-13	-46.54	-81.10	-65.22	7.10	12.78	H
	6920	-54.48	-13	-41.48	-80.19	-57.87	8.38	11.77	H
	3460	-62.30	-13	-49.30	-79.31	-69.18	5.60	12.48	V
	5190	-59.33	-13	-46.33	-81.18	-65.01	7.10	12.78	V
	6920	-54.24	-13	-41.24	-80.43	-57.63	8.38	11.77	V
LTE Band7 Lowest	5052.18	-58.30	-25	-33.30	-80.24	-63.86	7.14	12.70	H
	7578.27	-47.95	-25	-22.95	-74.05	-51.25	8.30	11.60	H
	10104.36	-48.28	-25	-23.28	-79.87	-49.80	10.48	12.00	H
	5052.18	-58.32	-25	-33.32	-80.38	-63.88	7.14	12.70	V
	7578.27	-43.88	-25	-18.88	-69.94	-47.18	8.30	11.60	V
	10104.36	-49.78	-25	-24.78	-79.97	-51.30	10.48	12.00	V
NR n66 Middle	3490	-62.13	-13	-49.13	-79.15	-68.98	5.65	12.50	H
	5235	-60.14	-13	-47.14	-81.59	-65.81	7.13	12.80	H
	6980	-54.42	-13	-41.42	-80.51	-57.82	8.40	11.80	H
	3490	-62.22	-13	-49.22	-79.23	-69.07	5.65	12.50	V
	5235	-59.58	-13	-46.58	-81.2	-65.25	7.13	12.80	V
	6980	-53.95	-13	-40.95	-80.5	-57.35	8.40	11.80	V
LTE Band7 Middle	5052.18	-58.43	-25	-33.43	-80.37	-63.99	7.14	12.70	H
	7578.27	-47.94	-25	-22.94	-74.04	-51.24	8.30	11.60	H
	10104.36	-47.98	-25	-22.98	-79.57	-49.50	10.48	12.00	H
	5052.18	-58.31	-25	-33.31	-80.37	-63.87	7.14	12.70	V
	7578.27	-43.58	-25	-18.58	-69.64	-46.88	8.30	11.60	V
	10104.36	-49.90	-25	-24.90	-80.09	-51.42	10.48	12.00	V
NR n66 Highest	3522	-61.79	-13	-48.79	-79.03	-68.63	5.68	12.52	H
	5280	-60.26	-13	-47.26	-81.75	-65.93	7.15	12.82	H
	7040	-53.94	-13	-40.94	-80.20	-57.37	8.42	11.85	H
	3520	-62.00	-13	-49.00	-79.18	-68.84	5.68	12.52	V
	5280	-60.19	-13	-47.19	-81.81	-65.86	7.15	12.82	V
	7040	-53.42	-13	-40.42	-80.12	-56.85	8.42	11.85	V
LTE Band7 Highest	5052.18	-58.58	-25	-33.58	-80.52	-64.14	7.14	12.70	H
	7578.27	-43.53	-25	-18.53	-69.63	-46.83	8.30	11.60	H
	10104.36	-48.41	-25	-23.41	-80.00	-49.93	10.48	12.00	H
	5052.18	-58.43	-25	-33.43	-80.49	-63.99	7.14	12.70	V
	7578.27	-43.53	-25	-18.53	-69.59	-46.83	8.30	11.60	V
	10104.36	-49.90	-25	-24.90	-80.09	-51.42	10.48	12.00	V

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