

**Conducted Spurious Emissions**

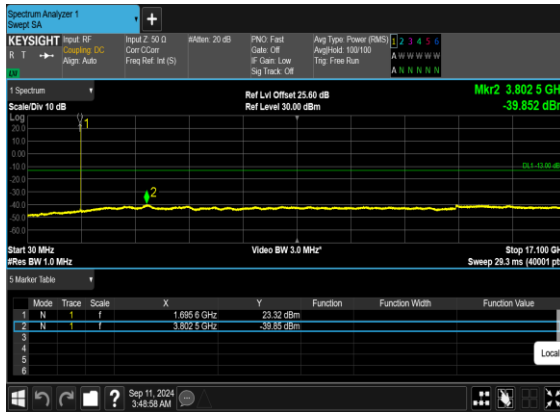
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	5	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	5	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	10	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	10	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	1@0	see graph	---



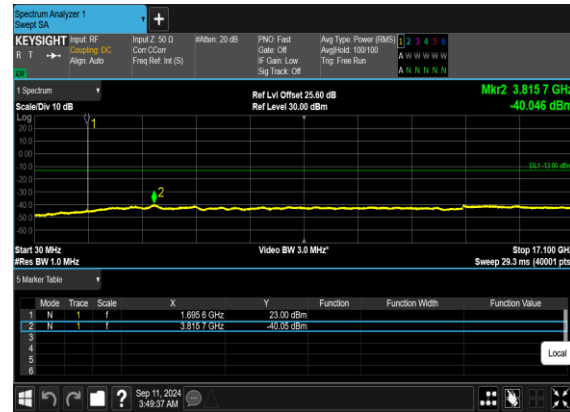
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70	15	10	341000	1705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS



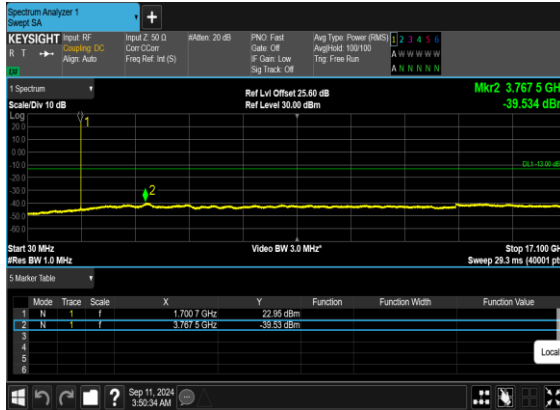
N70(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



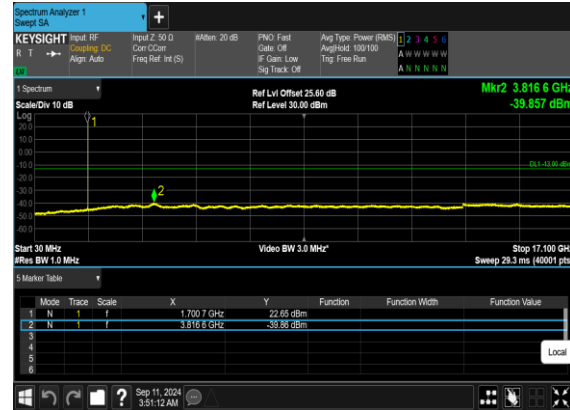
N70(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N70(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

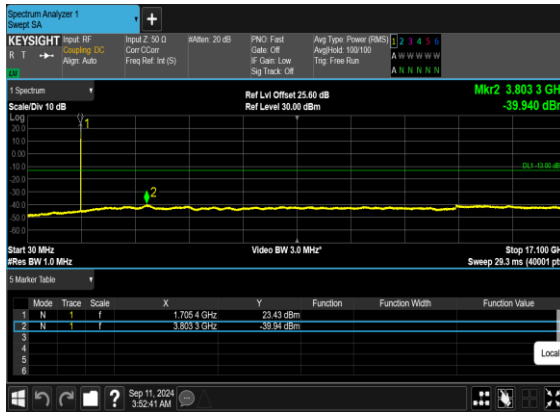


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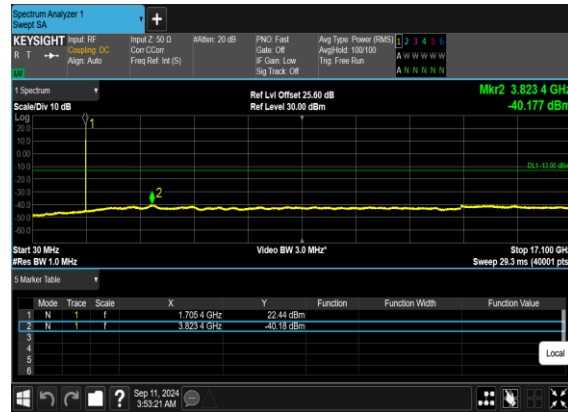




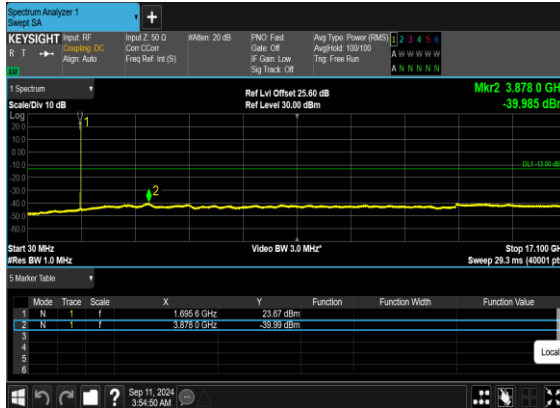
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OFDM_BPSK_Edge_1RB_Left_High_CH



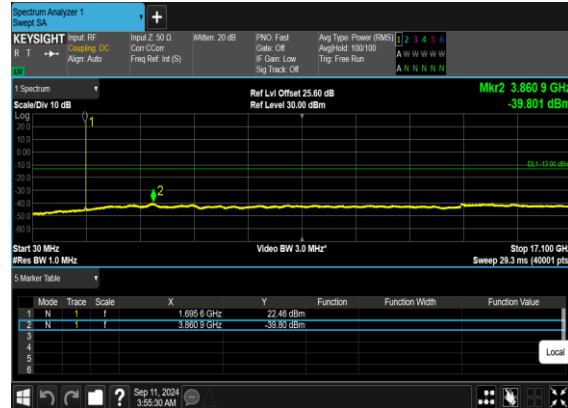
N70(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N70(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

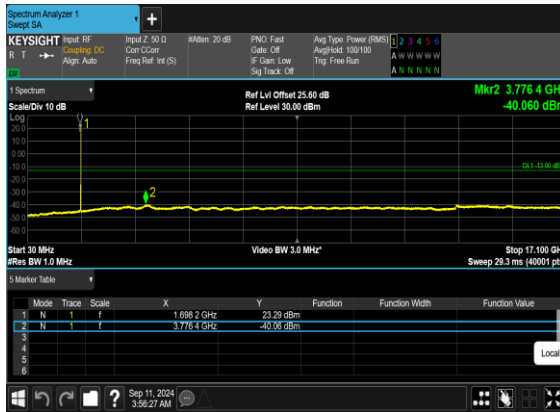


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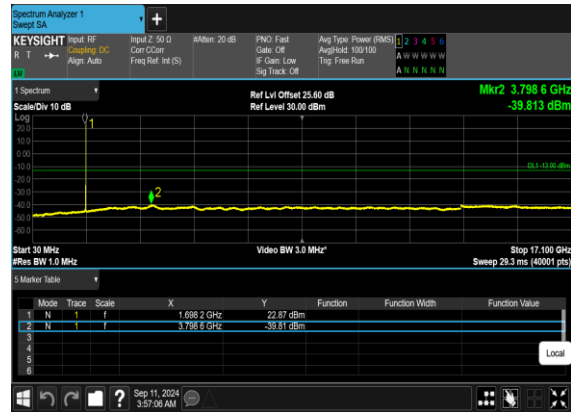




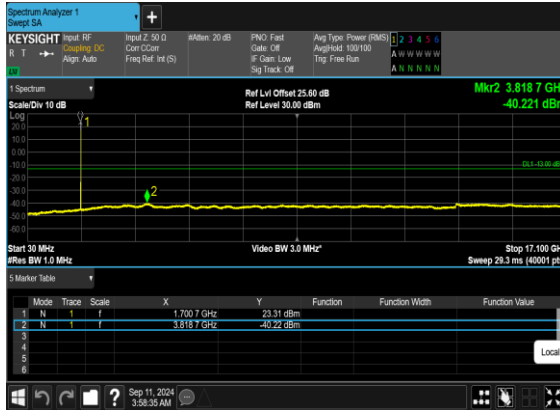
N70(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



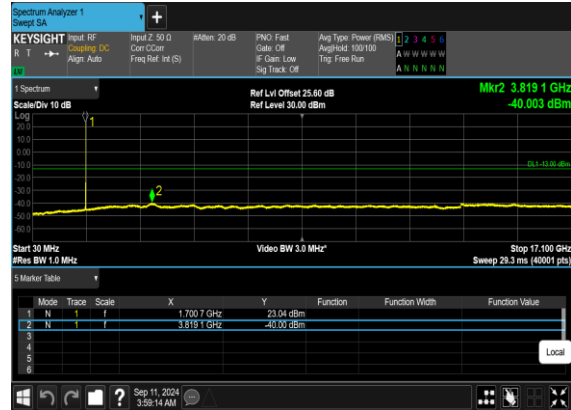
N70(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N70(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N70(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH





N70(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N70(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

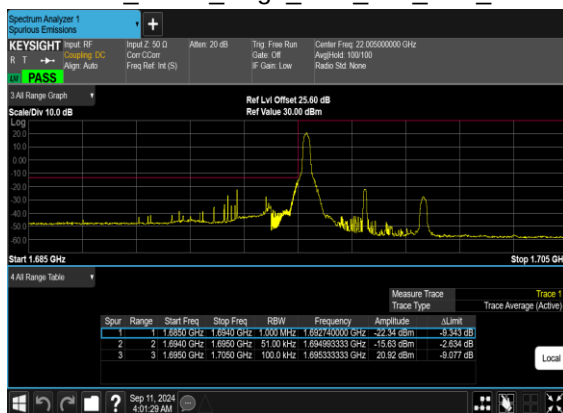


**Conducted Band Edge**

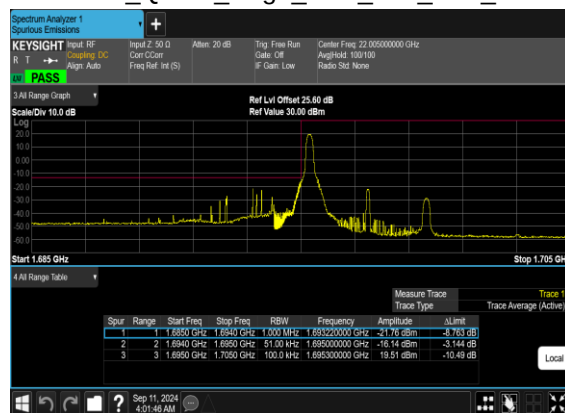
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@78	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@78	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
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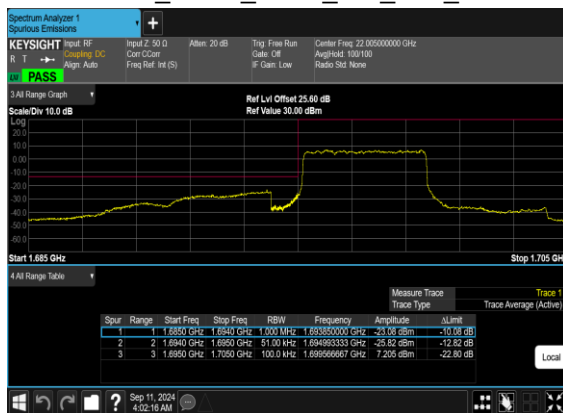
N70(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



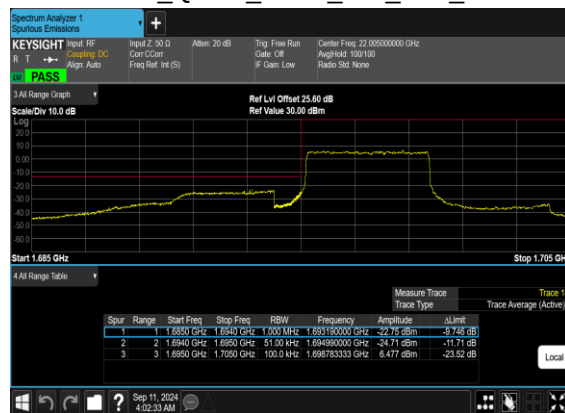
N70(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N70(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

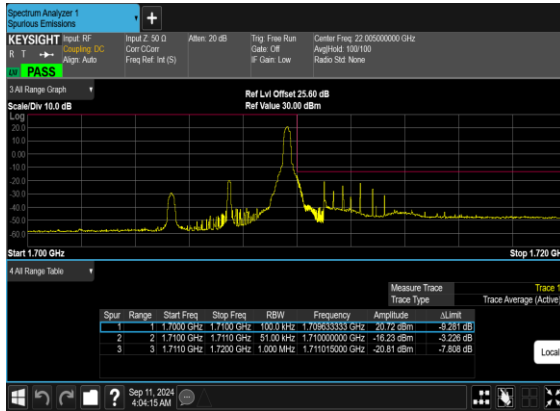


N70(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH





N70(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N70(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N70(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

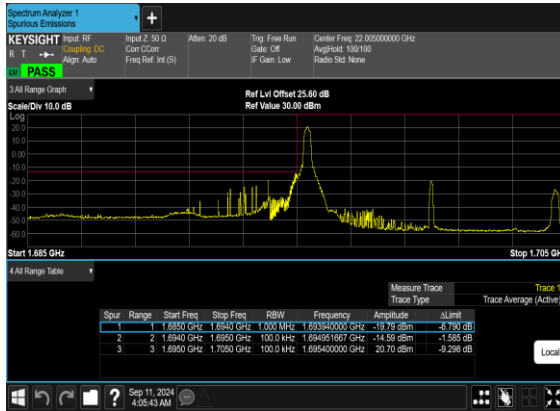


N70(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

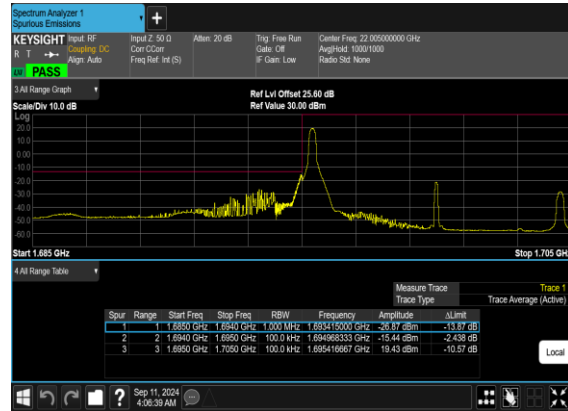




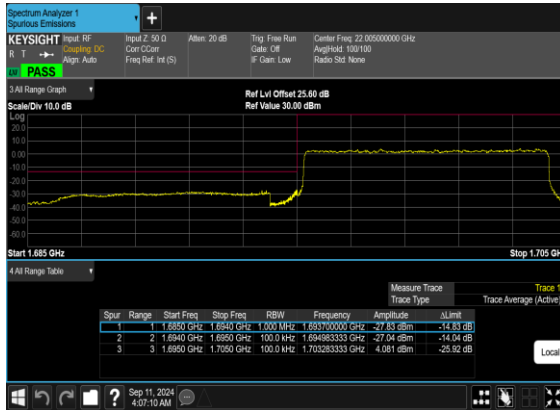
N70(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



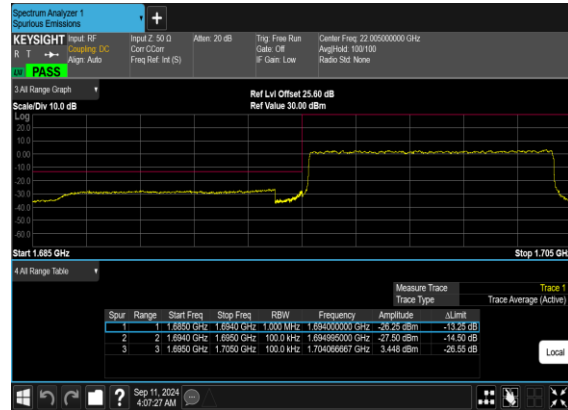
N70(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N70(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

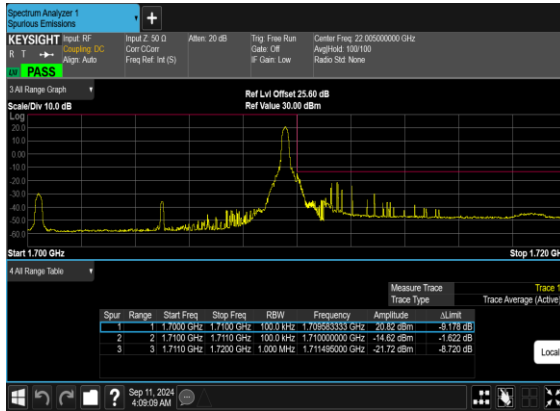


N70(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

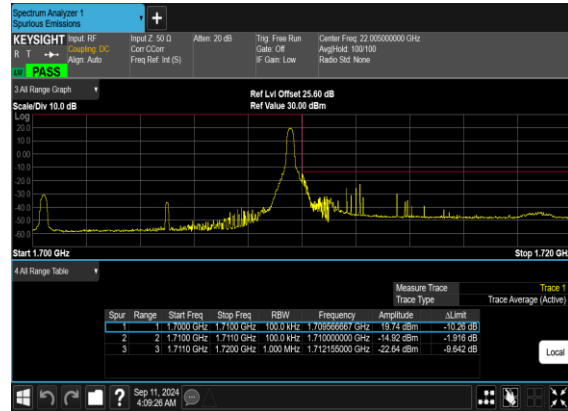




N70(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N70(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N70(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

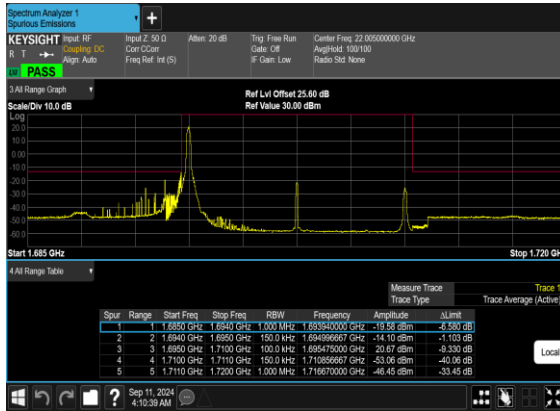


N70(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

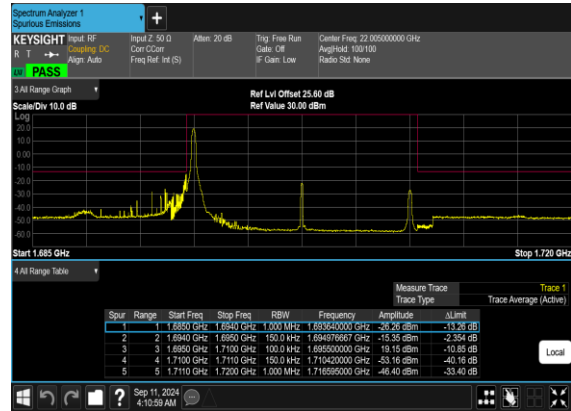




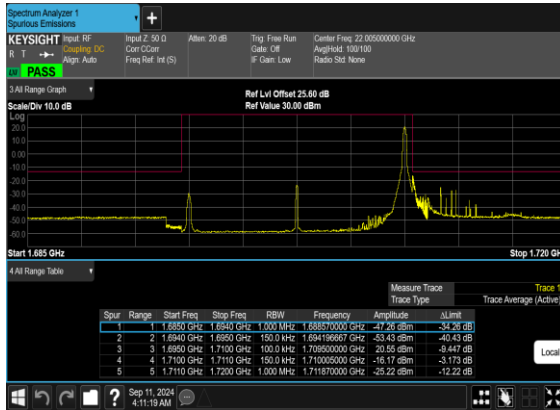
N70(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



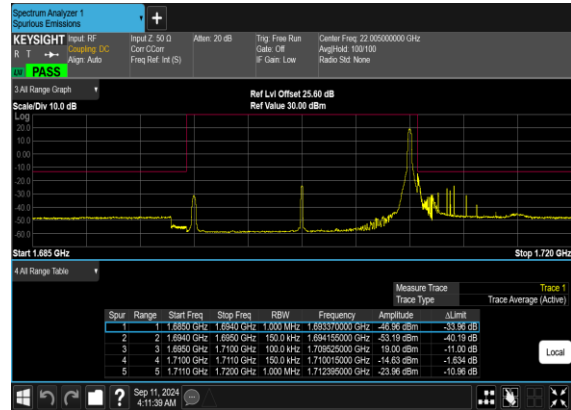
N70(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N70(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH

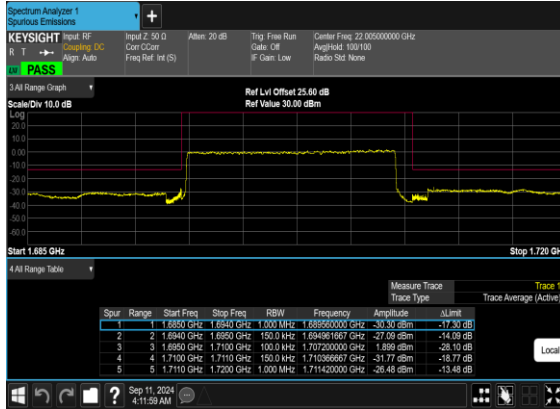


N70(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH

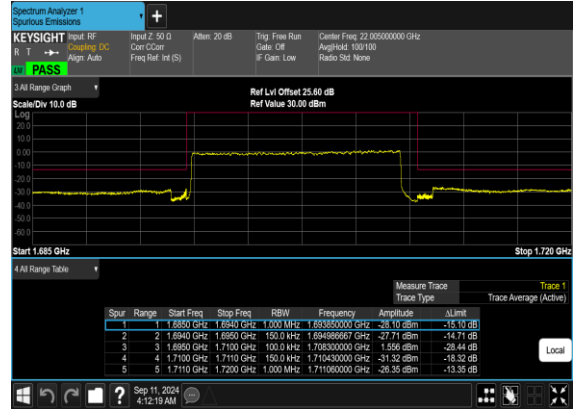




N70(15M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH



N70(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	PingZhou Liang	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.

n25 SA / NR 40MHz / QPSK(ANT1)									
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)
Lowest	3703.2	-65.14	-13	-52.14	-57.00	-71.90	5.82	12.58	H
	5554.8	-55.92	-13	-42.92	-50.36	-61.64	7.28	13.00	H
	7406.4	-60.33	-13	-47.33	-59.44	-63.49	8.32	11.48	H
	3703.2	-65.25	-13	-52.25	-57.01	-72.01	5.82	12.58	V
	5554.8	-59.82	-13	-46.82	-54.44	-65.54	7.28	13.00	V
	7406.4	-60.30	-13	-47.30	-59.43	-63.46	8.32	11.48	V
Middle	3728.8	-65.44	-13	-52.44	-57.37	-72.19	5.85	12.60	H
	5593.2	-54.09	-13	-41.09	-48.59	-59.89	7.30	13.10	H
	7457.6	-60.15	-13	-47.15	-59.08	-63.30	8.35	11.50	H
	3728.8	-65.29	-13	-52.29	-57.14	-72.04	5.85	12.60	V
	5593.2	-55.28	-13	-42.28	-49.97	-61.08	7.30	13.10	V
	7457.6	-60.00	-13	-47.00	-58.93	-63.15	8.35	11.50	V
Highest	3753.2	-65.10	-13	-52.10	-57.07	-71.84	5.88	12.62	H
	5629.8	-54.09	-13	-41.09	-49.03	-59.90	7.32	13.13	H
	7506.4	-60.29	-13	-47.29	-59.05	-63.45	8.38	11.54	H
	3753.2	-65.11	-13	-52.11	-57.01	-71.85	5.88	12.62	V
	5629.8	-55.34	-13	-42.34	-50	-61.15	7.32	13.13	V
	7506.4	-60.40	-13	-47.40	-59.15	-63.56	8.38	11.54	V

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



EN-DC_30A_n2A / LTE 10MHz + NR 20MHz / QPSK (ANT9+1)									
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	3701.6	-64.63	-13	-51.63	-56.49	-71.39	5.82	12.58	H
	5552.4	-62.76	-13	-49.76	-57.21	-68.48	7.28	13.00	H
	7403.2	-59.78	-13	-46.78	-58.89	-62.94	8.32	11.48	H
	3701.6	-64.28	-13	-51.28	-56.04	-71.04	5.82	12.58	V
	5552.4	-62.42	-13	-49.42	-57.05	-68.14	7.28	13.00	V
	7403.2	-59.70	-13	-46.70	-58.83	-62.86	8.32	11.48	V
LTE Band30 Lowest	4620.00	-62.50	-40	-22.50	-57.49	-68.75	6.45	12.70	H
	6930.00	-60.05	-40	-20.05	-58.51	-63.45	8.40	11.80	H
	9240.00	-55.64	-40	-15.64	-59.12	-57.99	9.65	12.00	H
	4620.00	-62.33	-40	-22.33	-57.7	-68.58	6.45	12.70	V
	6930.00	-59.66	-40	-19.66	-58.59	-63.06	8.40	11.80	V
	9240.00	-56.59	-40	-16.59	-59.23	-58.94	9.65	12.00	V
NR n2 Middle	3741.6	-64.54	-13	-51.54	-56.48	-71.29	5.85	12.60	H
	5612.4	-61.48	-13	-48.48	-56.01	-67.28	7.30	13.10	H
	7483.2	-59.80	-13	-46.80	-58.66	-62.95	8.35	11.50	H
	3741.6	-64.79	-13	-51.79	-56.65	-71.54	5.85	12.60	V
	5612.4	-62.82	-13	-49.82	-57.54	-68.62	7.30	13.10	V
	7483.2	-59.51	-13	-46.51	-58.36	-62.66	8.35	11.50	V
LTE Band30 Middle	4620.00	-62.38	-40	-22.38	-57.37	-68.63	6.45	12.70	H
	6930.00	-59.98	-40	-19.98	-58.44	-63.38	8.40	11.80	H
	9240.00	-55.48	-40	-15.48	-58.96	-57.83	9.65	12.00	H
	4620.00	-62.09	-40	-22.09	-57.46	-68.34	6.45	12.70	V
	6930.00	-59.49	-40	-19.49	-58.42	-62.89	8.40	11.80	V
	9240.00	-56.52	-40	-16.52	-59.16	-58.87	9.65	12.00	V
NR n2 Highest	3781.6	-64.31	-13	-51.31	-56.34	-71.05	5.88	12.62	H
	5672.4	-62.02	-13	-49.02	-57.42	-67.83	7.32	13.13	H
	7563.2	-60.02	-13	-47.02	-58.71	-63.18	8.38	11.54	H
	3781.6	-64.79	-13	-51.79	-56.79	-71.53	5.88	12.62	V
	5672.4	-62.21	-13	-49.21	-57.09	-68.02	7.32	13.13	V
	7563.2	-60.02	-13	-47.02	-58.68	-63.18	8.38	11.54	V
LTE Band30 Highest	4620.00	-62.65	-40	-22.65	-57.64	-68.90	6.45	12.70	H
	6930.00	-60.06	-40	-20.06	-58.52	-63.46	8.40	11.80	H
	9240.00	-55.85	-40	-15.85	-59.33	-58.20	9.65	12.00	H
	4620.00	-62.12	-40	-22.12	-57.49	-68.37	6.45	12.70	V
	6930.00	-59.36	-40	-19.36	-58.29	-62.76	8.40	11.80	V
	9240.00	-56.57	-40	-16.57	-59.21	-58.92	9.65	12.00	V

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



EN-DC_13A_n2A / LTE 10MHz + NR 20MHz / QPSK (ANT1+2)									
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 n2 Lowest	3701.6	-61.87	-13	-48.87	-80.33	-68.63	5.82	12.58	H
	5552.4	-60.38	-13	-47.38	-82.66	-66.10	7.28	13.00	H
	7403.2	-54.85	-13	-41.85	-81.91	-58.01	8.32	11.48	H
	3701.6	-62.03	-13	-49.03	-80.39	-68.79	5.82	12.58	V
	5552.4	-59.47	-13	-46.47	-81.93	-65.19	7.28	13.00	V
	7403.2	-55.15	-13	-42.15	-82.23	-58.31	8.32	11.48	V
LTE Band13 Lowest	1564	-65.63	-42.15	-23.48	-75.65	-68.88	4.00	9.40	H
	2346	-63.39	-13	-50.39	-78.15	-66.96	4.88	10.60	H
	3128	-61.78	-13	-48.78	-78.91	-66.71	5.52	12.60	H
	1564	-65.67	-42.15	-23.52	-75.77	-68.92	4.00	9.40	V
	2346	-63.00	-13	-50.00	-77.76	-66.57	4.88	10.60	V
	3128	-61.58	-13	-48.58	-78.75	-66.51	5.52	12.60	V
NR n2 Middle	3741.6	-62.02	-13	-49.02	-80.60	-68.77	5.85	12.60	H
	5612.4	-59.59	-13	-46.59	-81.98	-65.39	7.30	13.10	H
	7483.2	-55.16	-13	-42.16	-82.09	-58.31	8.35	11.50	H
	3741.6	-61.66	-13	-48.66	-80.16	-68.41	5.85	12.60	V
	5612.4	-59.90	-13	-46.90	-82.48	-65.70	7.30	13.10	V
	7483.2	-55.18	-13	-42.18	-82.1	-58.33	8.35	11.50	V
LTE Band13 Middle	1564	-65.89	-42.15	-23.74	-75.91	-69.14	4.00	9.40	H
	2346	-63.55	-13	-50.55	-78.31	-67.12	4.88	10.60	H
	3128	-61.55	-13	-48.55	-78.68	-66.48	5.52	12.60	H
	1564	-66.03	-42.15	-23.88	-76.13	-69.28	4.00	9.40	V
	2346	-63.35	-13	-50.35	-78.11	-66.92	4.88	10.60	V
	3128	-61.63	-13	-48.63	-78.80	-66.56	5.52	12.60	V
NR n2 Highest	3781.6	-61.42	-13	-48.42	-80.13	-68.16	5.88	12.62	H
	5672.4	-58.99	-13	-45.99	-82.30	-64.80	7.32	13.13	H
	7563.2	-55.13	-13	-42.13	-81.83	-58.29	8.38	11.54	H
	3781.6	-61.75	-13	-48.75	-80.43	-68.49	5.88	12.62	V
	5672.4	-59.28	-13	-46.28	-82.07	-65.09	7.32	13.13	V
	7563.2	-54.93	-13	-41.93	-81.6	-58.09	8.38	11.54	V
LTE Band13 Highest	1564	-65.83	-42.15	-23.68	-75.85	-69.08	4.00	9.40	H
	2346	-63.15	-13	-50.15	-77.91	-66.72	4.88	10.60	H
	3128	-61.48	-13	-48.48	-78.61	-66.41	5.52	12.60	H
	1564	-65.79	-42.15	-23.64	-75.89	-69.04	4.00	9.40	V
	2346	-63.35	-13	-50.35	-78.11	-66.92	4.88	10.60	V
	3128	-61.65	-13	-48.65	-78.82	-66.58	5.52	12.60	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)
Lowest	1649.6	-61.25	-13	-48.25	-71.17	-64.48	3.98	9.36	H
	2474.4	-62.28	-13	-49.28	-76.75	-65.83	4.85	10.55	H
	3299.2	-61.95	-13	-48.95	-78.45	-66.88	5.50	12.58	H
	1649.6	-64.54	-13	-51.54	-74.20	-67.77	3.98	9.36	V
	2474.4	-63.32	-13	-50.32	-77.76	-66.87	4.85	10.55	V
	3299.2	-62.23	-13	-49.23	-78.54	-67.16	5.50	12.58	V
Middle	1654.6	-60.80	-13	-47.80	-70.73	-64.05	4.00	9.40	H
	2481.9	-59.77	-13	-46.77	-74.25	-63.34	4.88	10.60	H
	3309.2	-62.22	-13	-49.22	-78.55	-67.15	5.52	12.60	H
	1654.6	-64.79	-13	-51.79	-74.32	-68.04	4.00	9.40	V
	2481.9	-63.14	-13	-50.14	-77.59	-66.71	4.88	10.60	V
	3309.2	-62.29	-13	-49.29	-78.40	-67.22	5.52	12.60	V
Highest	1659.6	-62.93	-13	-49.93	-72.87	-66.10	4.10	9.42	H
	2489.4	-59.88	-13	-46.88	-74.32	-63.46	4.90	10.63	H
	3319.2	-62.44	-13	-49.44	-78.77	-67.36	5.55	12.62	H
	1659.6	-64.91	-13	-51.91	-74.45	-68.08	4.10	9.42	V
	2489.4	-62.87	-13	-49.87	-77.27	-66.45	4.90	10.63	V
	3319.2	-62.42	-13	-49.42	-78.53	-67.34	5.55	12.62	V

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

EN-DC_30A_n5A / LTE 10MHz + NR 20MHz / QPSK (ANT9+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 n5 Lowest	1649.6	-66.37	-13	-53.37	-76.29	-69.60	3.98	9.36	H
	2474.4	-63.74	-13	-50.74	-78.21	-67.29	4.85	10.55	H
	3299.2	-65.03	-13	-52.03	-55.21	-69.96	5.50	12.58	H
	1649.6	-66.46	-13	-53.46	-76.12	-69.69	3.98	9.36	V
	2474.4	-63.60	-13	-50.60	-78.04	-67.15	4.85	10.55	V
	3299.2	-64.83	-13	-51.83	-54.82	-69.76	5.50	12.58	V
LTE Band30 Lowest	4620.00	-62.62	-40	-22.62	-57.61	-68.87	6.45	12.70	H
	6930.00	-59.81	-40	-19.81	-58.27	-63.21	8.40	11.80	H
	9240.00	-55.77	-40	-15.77	-59.25	-58.12	9.65	12.00	H
	4620.00	-62.11	-40	-22.11	-57.48	-68.36	6.45	12.70	V
	6930.00	-59.65	-40	-19.65	-58.58	-63.05	8.40	11.80	V
	9240.00	-56.81	-40	-16.81	-59.45	-59.16	9.65	12.00	V
NR n5 Middle	1654.6	-66.56	-13	-53.56	-76.49	-69.81	4.00	9.40	H
	2481.9	-63.78	-13	-50.78	-78.26	-67.35	4.88	10.60	H
	3309.2	-65.18	-13	-52.18	-55.19	-70.11	5.52	12.60	H
	1654.6	-66.86	-13	-53.86	-76.39	-70.11	4.00	9.40	V
	2481.9	-63.49	-13	-50.49	-77.94	-67.06	4.88	10.60	V
	3309.2	-65.38	-13	-52.38	-55.17	-70.31	5.52	12.60	V



LTE Band30 Middle	4620.00	-62.47	-40	-22.47	-57.46	-68.72	6.45	12.70	H
	6930.00	-60.08	-40	-20.08	-58.54	-63.48	8.40	11.80	H
	9240.00	-55.02	-40	-15.02	-58.50	-57.37	9.65	12.00	H
	4620.00	-62.10	-40	-22.10	-57.47	-68.35	6.45	12.70	V
	6930.00	-59.53	-40	-19.53	-58.46	-62.93	8.40	11.80	V
	9240.00	-56.68	-40	-16.68	-59.32	-59.03	9.65	12.00	V
NR n5 Highest	1659.6	-66.16	-13	-53.16	-76.10	-69.33	4.10	9.42	H
	2489.4	-63.58	-13	-50.58	-78.02	-67.16	4.90	10.63	H
	3319.2	-65.13	-13	-52.13	-55.13	-70.05	5.55	12.62	H
	1659.6	-66.69	-13	-53.69	-76.23	-69.86	4.10	9.42	V
	2489.4	-63.44	-13	-50.44	-77.84	-67.02	4.90	10.63	V
	3319.2	-65.45	-13	-52.45	-55.23	-70.37	5.55	12.62	V
LTE Band30 Highest	4620.00	-62.59	-40	-22.59	-57.58	-68.84	6.45	12.70	H
	6930.00	-60.01	-40	-20.01	-58.47	-63.41	8.40	11.80	H
	9240.00	-55.44	-40	-15.44	-58.92	-57.79	9.65	12.00	H
	4620.00	-61.91	-40	-21.91	-57.28	-68.16	6.45	12.70	V
	6930.00	-59.62	-40	-19.62	-58.55	-63.02	8.40	11.80	V
	9240.00	-56.04	-40	-16.04	-58.68	-58.39	9.65	12.00	V

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

n66 SA / NR 40MHz / QPSK(ANT1)									
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)
Lowest	3423.2	-62.81	-13	-49.81	-79.44	-69.69	5.60	12.48	H
	5134.8	-58.94	-13	-45.94	-80.82	-64.62	7.10	12.78	H
	6846.4	-57.49	-13	-44.49	-82.69	-60.88	8.38	11.77	H
	3423.2	-62.63	-13	-49.63	-79.32	-69.51	5.60	12.48	V
	5134.8	-55.98	-13	-42.98	-78.08	-61.66	7.10	12.78	V
	6846.4	-57.15	-13	-44.15	-82.85	-60.54	8.38	11.77	V
Middle	3453.2	-62.59	-13	-49.59	-79.36	-69.44	5.65	12.50	H
	5179.8	-59.00	-13	-46.00	-80.79	-64.67	7.13	12.80	H
	6906.4	-57.03	-13	-44.03	-82.58	-60.43	8.40	11.80	H
	3453.2	-62.38	-13	-49.38	-79.19	-69.23	5.65	12.50	V
	5178	-53.78	-13	-40.78	-75.86	-59.45	7.13	12.80	V
	6906.4	-56.51	-13	-43.51	-82.54	-59.91	8.40	11.80	V
Highest	3483.2	-62.06	-13	-49.06	-79.10	-68.90	5.68	12.52	H
	5224.8	-56.89	-13	-43.89	-78.59	-62.56	7.15	12.82	H
	6966.4	-56.78	-13	-43.78	-82.81	-60.21	8.42	11.85	H
	3483.2	-62.11	-13	-49.11	-79.14	-68.95	5.68	12.52	V
	5224.8	-54.05	-13	-41.05	-75.92	-59.72	7.15	12.82	V
	6966.4	-56.19	-13	-43.19	-82.68	-59.62	8.42	11.85	V

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



EN-DC_30A_n66A / LTE 10MHz + NR 20MHz / QPSK (ANT9+1)									
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	3423.2	-64.58	-13	-51.58	-54.84	-71.46	5.60	12.48	H
	5134.8	-63.59	-13	-50.59	-58.33	-69.27	7.10	12.78	H
	6846.4	-60.70	-13	-47.70	-58.51	-64.09	8.38	11.77	H
	3423.2	-64.58	-13	-51.58	-54.9	-71.46	5.60	12.48	V
	5134.8	-63.20	-13	-50.20	-58.16	-68.88	7.10	12.78	V
	6846.4	-60.05	-13	-47.05	-58.36	-63.44	8.38	11.77	V
LTE Band30 Lowest	4620.00	-62.31	-40	-22.31	-57.30	-68.56	6.45	12.70	H
	6930.00	-59.61	-40	-19.61	-58.07	-63.01	8.40	11.80	H
	9240.00	-55.79	-40	-15.79	-59.27	-58.14	9.65	12.00	H
	4620.00	-61.97	-40	-21.97	-57.34	-68.22	6.45	12.70	V
	6930.00	-59.24	-40	-19.24	-58.17	-62.64	8.40	11.80	V
	9240.00	-56.30	-40	-16.30	-58.94	-58.65	9.65	12.00	V
NR n66 Middle	3453.2	-64.55	-13	-51.55	-54.94	-71.40	5.65	12.50	H
	5179.8	-63.86	-13	-50.86	-58.43	-69.53	7.13	12.80	H
	6906.4	-59.92	-13	-46.92	-58.12	-63.32	8.40	11.80	H
	3453.2	-64.65	-13	-51.65	-55.08	-71.50	5.65	12.50	V
	5179.8	-63.06	-13	-50.06	-57.92	-68.73	7.13	12.80	V
	6906.4	-59.33	-13	-46.33	-58.01	-62.73	8.40	11.80	V
LTE Band30 Middle	4620.00	-62.55	-40	-22.55	-57.54	-68.80	6.45	12.70	H
	6930.00	-59.88	-40	-19.88	-58.34	-63.28	8.40	11.80	H
	9240.00	-55.76	-40	-15.76	-59.24	-58.11	9.65	12.00	H
	4620.00	-61.71	-40	-21.71	-57.08	-67.96	6.45	12.70	V
	6930.00	-59.33	-40	-19.33	-58.26	-62.73	8.40	11.80	V
	9240.00	-56.51	-40	-16.51	-59.15	-58.86	9.65	12.00	V
NR n66 Highest	3483.2	-64.42	-13	-51.42	-55.07	-71.26	5.68	12.52	H
	5224.8	-63.78	-13	-50.78	-58.18	-69.45	7.15	12.82	H
	6966.4	-59.55	-13	-46.55	-58.26	-62.98	8.42	11.85	H
	3483.2	-64.53	-13	-51.53	-55.17	-71.37	5.68	12.52	V
	5224.8	-63.47	-13	-50.47	-58.04	-69.14	7.15	12.82	V
	6966.4	-59.25	-13	-46.25	-58.42	-62.68	8.42	11.85	V
LTE Band30 Highest	4620.00	-62.42	-40	-22.42	-57.41	-68.67	6.45	12.70	H
	6930.00	-59.58	-40	-19.58	-58.04	-62.98	8.40	11.80	H
	9240.00	-55.72	-40	-15.72	-59.20	-58.07	9.65	12.00	H
	4620.00	-61.64	-40	-21.64	-57.01	-67.89	6.45	12.70	V
	6930.00	-59.38	-40	-19.38	-58.31	-62.78	8.40	11.80	V
	9240.00	-56.49	-40	-16.49	-59.13	-58.84	9.65	12.00	V

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



EN-DC_13A_n66A / LTE 10MHz + NR 20MHz / QPSK (ANT1+2)									
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 n66 Lowest	3423.2	-62.51	-13	-49.51	-79.14	-69.39	5.60	12.48	H
	5134.8	-60.79	-13	-47.79	-82.67	-66.47	7.10	12.78	H
	6846.4	-57.66	-13	-44.66	-82.86	-61.05	8.38	11.77	H
	3423.2	-62.31	-13	-49.31	-79	-69.19	5.60	12.48	V
	5134.8	-60.40	-13	-47.40	-82.5	-66.08	7.10	12.78	V
	6846.4	-56.97	-13	-43.97	-82.67	-60.36	8.38	11.77	V
LTE Band13 Lowest	1564	-66.03	-42.15	-23.88	-76.05	-69.28	4.00	9.40	H
	2346	-63.18	-13	-50.18	-77.94	-66.75	4.88	10.60	H
	3128	-61.69	-13	-48.69	-78.82	-66.62	5.52	12.60	H
	1564	-66.46	-42.15	-24.31	-76.56	-69.71	4.00	9.40	V
	2346	-63.42	-13	-50.42	-78.18	-66.99	4.88	10.60	V
	3128	-61.31	-13	-48.31	-78.48	-66.24	5.52	12.60	V
NR n66 Middle	3453.2	-62.06	-13	-49.06	-78.83	-68.91	5.65	12.50	H
	5179.8	-61.11	-13	-48.11	-82.90	-66.78	7.13	12.80	H
	6906.4	-57.08	-13	-44.08	-82.63	-60.48	8.40	11.80	H
	3453.2	-62.34	-13	-49.34	-79.15	-69.19	5.65	12.50	V
	5179.8	-60.82	-13	-47.82	-82.9	-66.49	7.13	12.80	V
	6906.4	-56.06	-13	-43.06	-82.09	-59.46	8.40	11.80	V
LTE Band13 Middle	1564	-66.19	-42.15	-24.04	-76.21	-69.44	4.00	9.40	H
	2346	-63.78	-13	-50.78	-78.54	-67.35	4.88	10.60	H
	3128	-61.24	-13	-48.24	-78.37	-66.17	5.52	12.60	H
	1564	-66.18	-42.15	-24.03	-76.28	-69.43	4.00	9.40	V
	2346	-63.44	-13	-50.44	-78.20	-67.01	4.88	10.60	V
	3128	-61.56	-13	-48.56	-78.73	-66.49	5.52	12.60	V
NR n66 Highest	3483.2	-62.28	-13	-49.28	-79.32	-69.12	5.68	12.52	H
	5224.8	-61.17	-13	-48.17	-82.87	-66.84	7.15	12.82	H
	6966.4	-56.40	-13	-43.40	-82.43	-59.83	8.42	11.85	H
	3483.2	-62.29	-13	-49.29	-79.32	-69.13	5.68	12.52	V
	5224.8	-60.99	-13	-47.99	-82.86	-66.66	7.15	12.82	V
	6966.4	-55.81	-13	-42.81	-82.3	-59.24	8.42	11.85	V
LTE Band13 Highest	1564	-66.33	-42.15	-24.18	-76.35	-69.58	4.00	9.40	H
	2346	-63.67	-13	-50.67	-78.43	-67.24	4.88	10.60	H
	3128	-61.73	-13	-48.73	-78.86	-66.66	5.52	12.60	H
	1564	-66.21	-42.15	-24.06	-76.31	-69.46	4.00	9.40	V
	2346	-63.57	-13	-50.57	-78.33	-67.14	4.88	10.60	V
	3128	-61.34	-13	-48.34	-78.51	-66.27	5.52	12.60	V

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



n70 SA / NR 15MHz / QPSK(ANT2)									
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)
Lowest	3390.8	-62.33	-13	-49.33	-78.68	-69.21	5.60	12.48	H
	5086.2	-61.35	-13	-48.35	-83.31	-67.03	7.10	12.78	H
	6781.6	-57.91	-13	-44.91	-82.75	-61.30	8.38	11.77	H
	3390.8	-62.42	-13	-49.42	-78.89	-69.30	5.60	12.48	V
	5086.2	-61.29	-13	-48.29	-83.41	-66.97	7.10	12.78	V
	6781.6	-57.79	-13	-44.79	-83.17	-61.18	8.38	11.77	V
Middle	3395.8	-62.74	-13	-49.74	-79.09	-69.59	5.65	12.50	H
	5093.7	-61.39	-13	-48.39	-83.31	-67.06	7.13	12.80	H
	6791.6	-58.23	-13	-45.23	-83.08	-61.63	8.40	11.80	H
	3395.8	-62.42	-13	-49.42	-78.89	-69.27	5.65	12.50	V
	5093.7	-61.11	-13	-48.11	-83.21	-66.78	7.13	12.80	V
	6791.6	-57.63	-13	-44.63	-83	-61.03	8.40	11.80	V
Highest	3400.8	-62.46	-13	-49.46	-78.81	-69.30	5.68	12.52	H
	5101.2	-61.27	-13	-48.27	-83.20	-66.94	7.15	12.82	H
	6801.6	-58.02	-13	-45.02	-82.86	-61.45	8.42	11.85	H
	3400.8	-62.68	-13	-49.68	-79.15	-69.52	5.68	12.52	V
	5101.2	-61.05	-13	-48.05	-83.16	-66.72	7.15	12.82	V
	6801.6	-57.51	-13	-44.51	-82.87	-60.94	8.42	11.85	V

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