



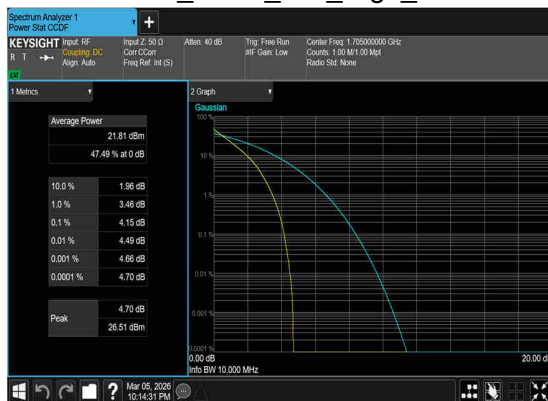
N70(10M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N70(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



N70(10M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_High_CH



N70(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





N70(15M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N70(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



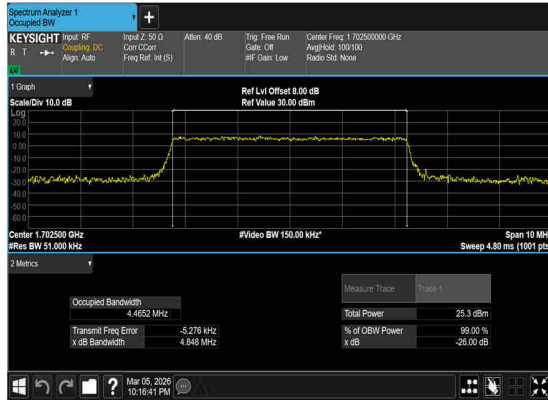


Occupied Bandwidth

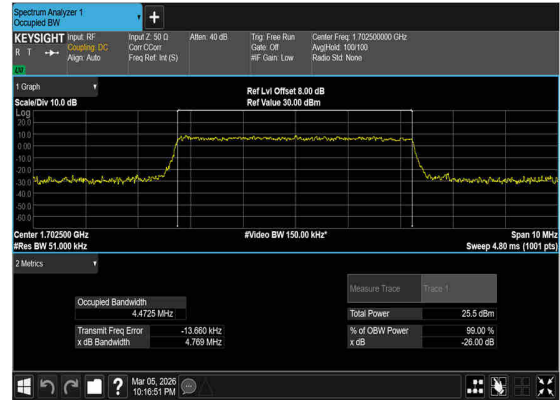
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
70	15	5	340500	1702.5	CP-OFDM QPSK	25@0	4.4652	4.848
70	15	5	340500	1702.5	CP-OFDM 16 QAM	25@0	4.4725	4.769
70	15	5	340500	1702.5	CP-OFDM 64 QAM	25@0	4.4685	4.827
70	15	5	340500	1702.5	CP-OFDM 256 QAM	25@0	4.4708	4.801
70	15	10	340500	1702.5	CP-OFDM QPSK	52@0	9.2727	9.738
70	15	10	340500	1702.5	CP-OFDM 16 QAM	52@0	9.2668	9.695
70	15	10	340500	1702.5	CP-OFDM 64 QAM	52@0	9.2897	9.694
70	15	10	340500	1702.5	CP-OFDM 256 QAM	52@0	9.2702	9.712
70	15	15	340500	1702.5	CP-OFDM QPSK	79@0	14.064	14.61
70	15	15	340500	1702.5	CP-OFDM 16 QAM	79@0	14.09	14.73
70	15	15	340500	1702.5	CP-OFDM 64 QAM	79@0	14.118	14.71
70	15	15	340500	1702.5	CP-OFDM 256 QAM	79@0	14.11	14.73



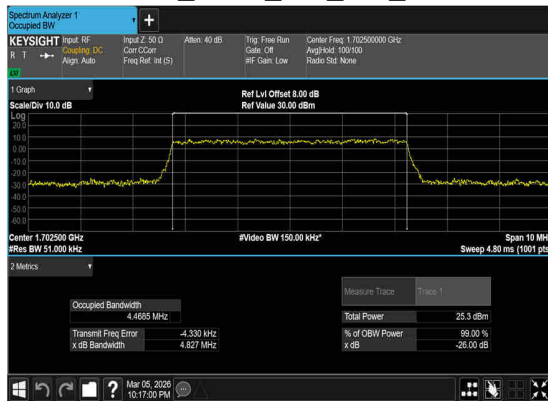
N70(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N70(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N70(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

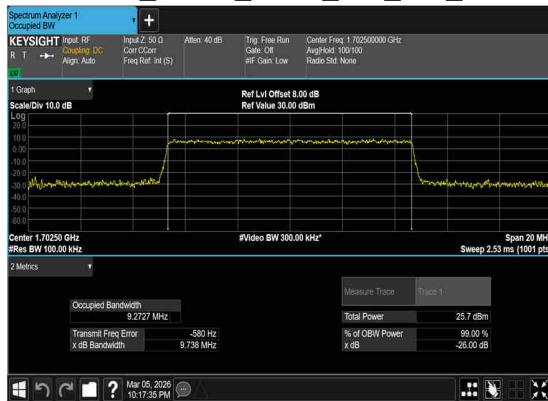


N70(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH





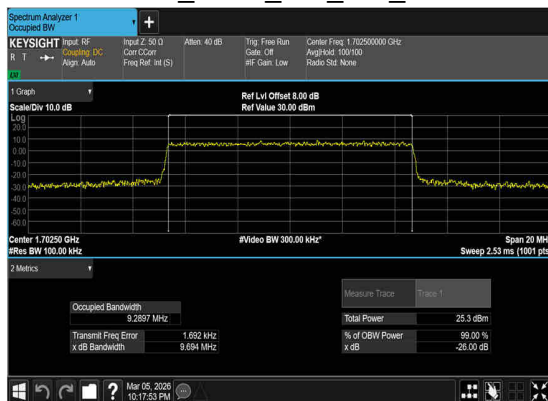
N70(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



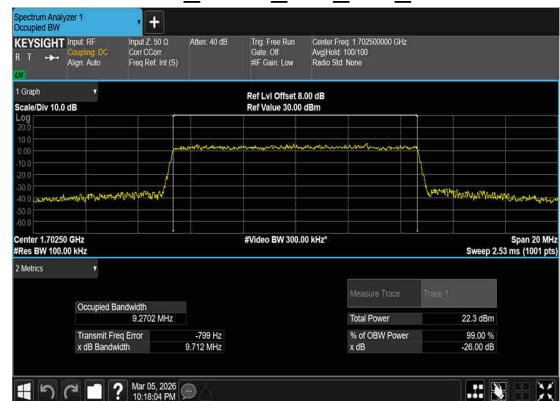
N70(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N70(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

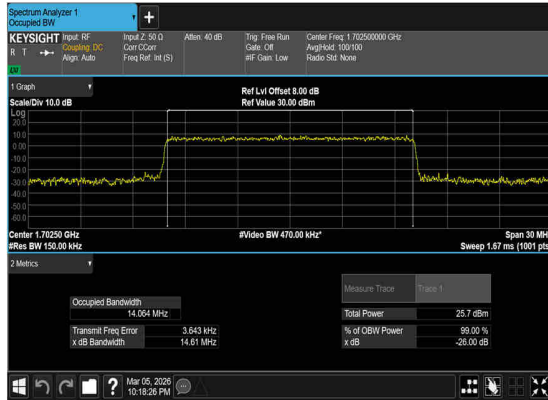


N70(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

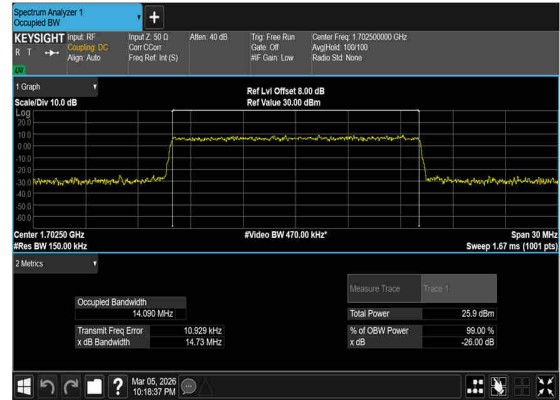




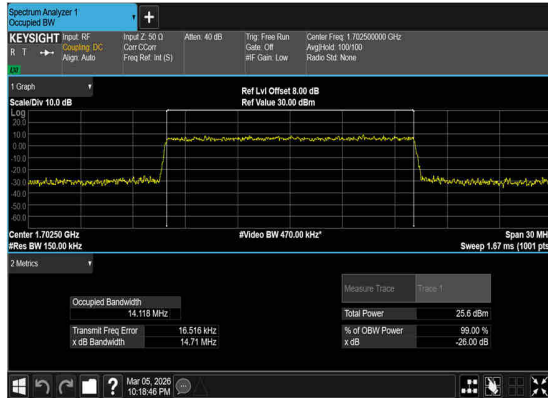
N70(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N70(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N70(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N70(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

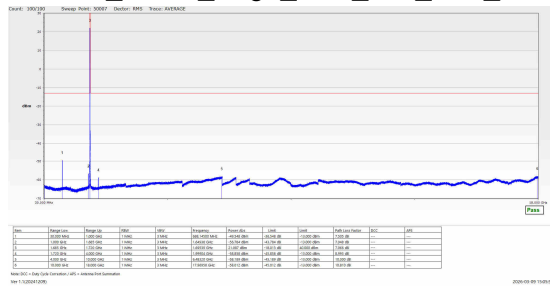




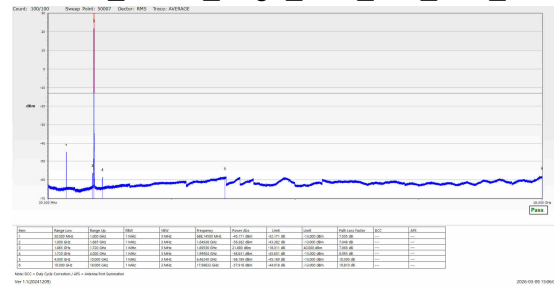
Conducted Spurious Emissions

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

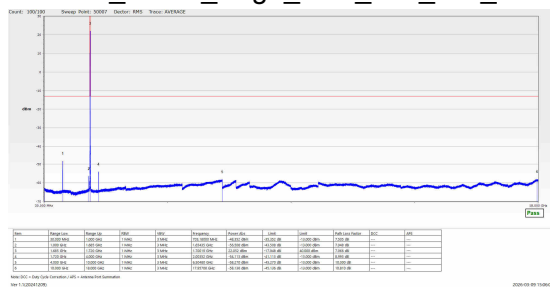
N70(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



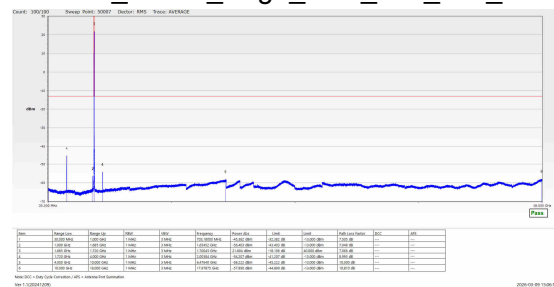
N70(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



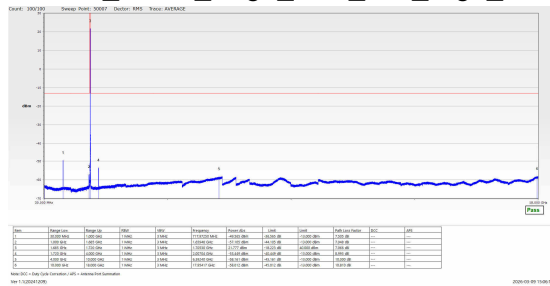
N70(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



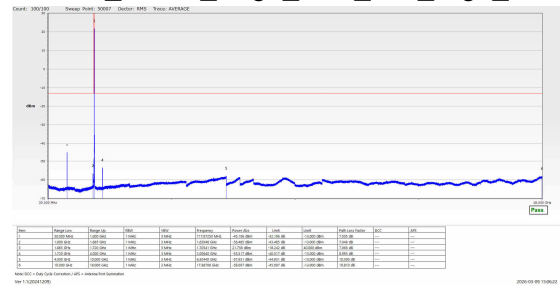
N70(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



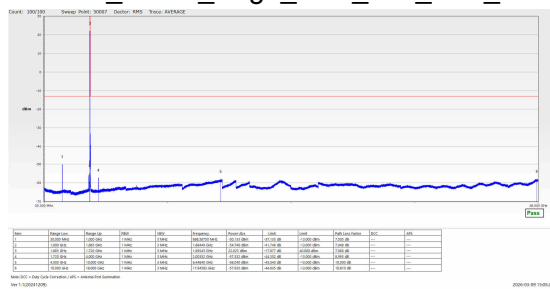
N70(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



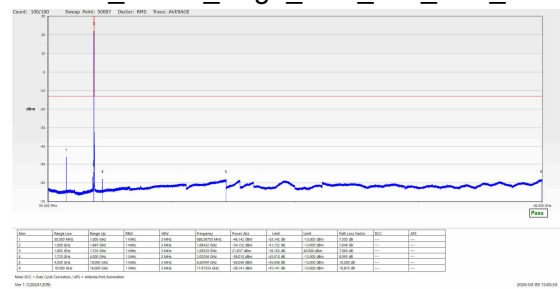
N70(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N70(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

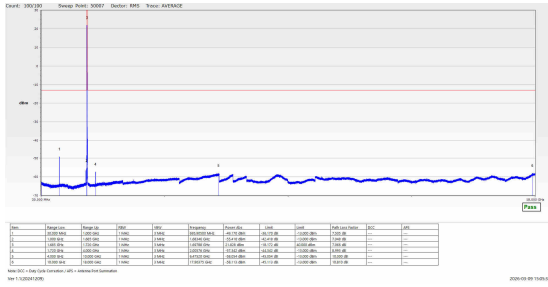


N70(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

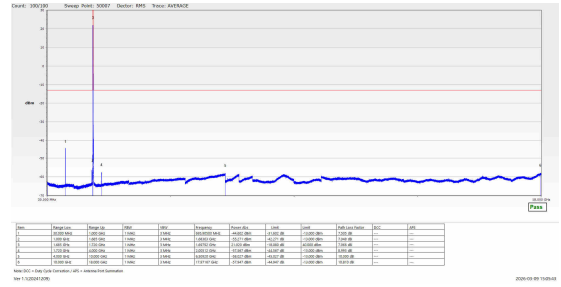




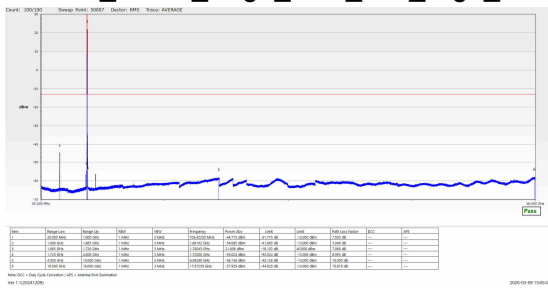
N70(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



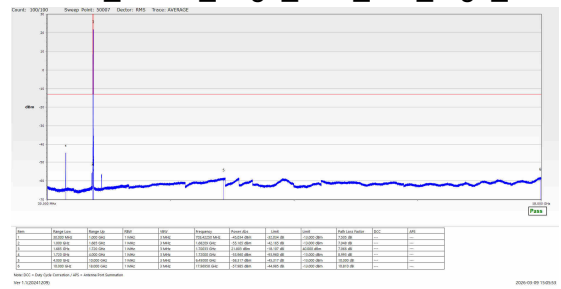
N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



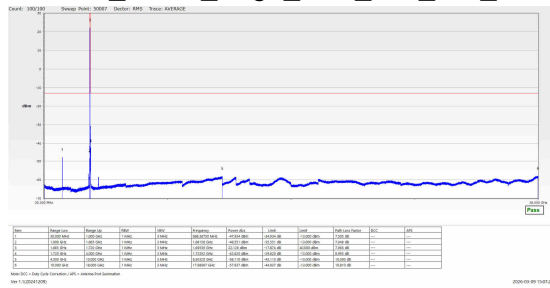
N70(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



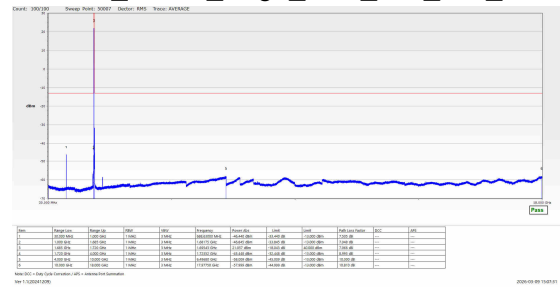
N70(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N70(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N70(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

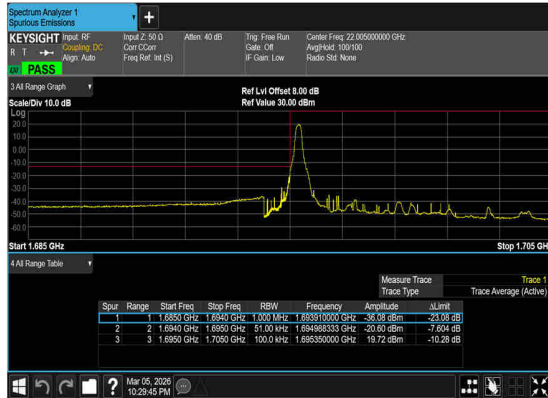


**Conducted Band Edge**

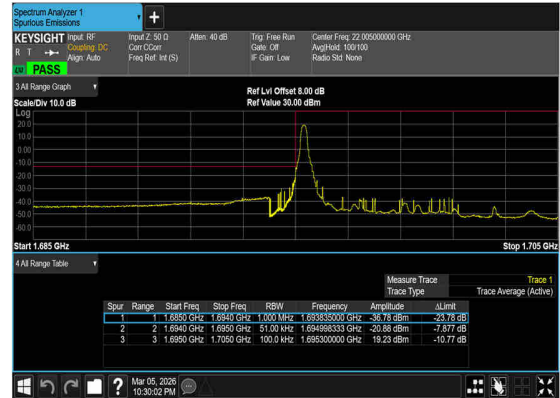
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	25@0	see graph	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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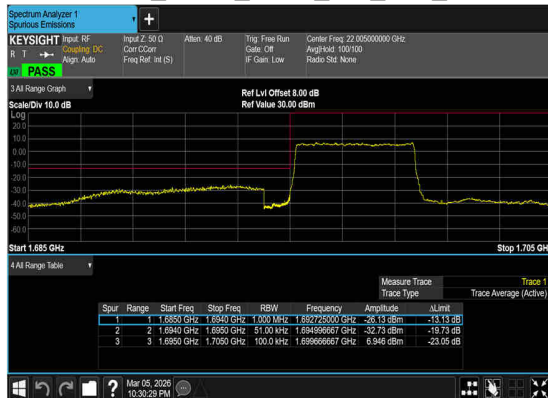
N70(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



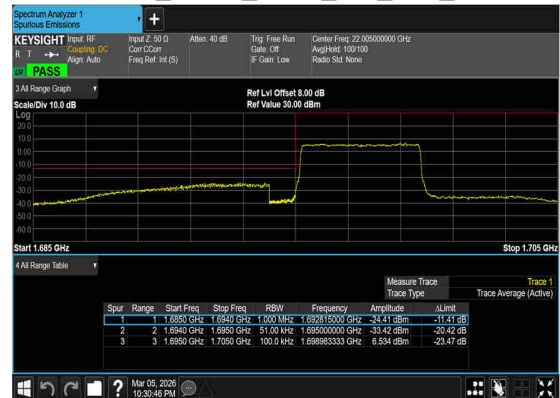
N70(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N70(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

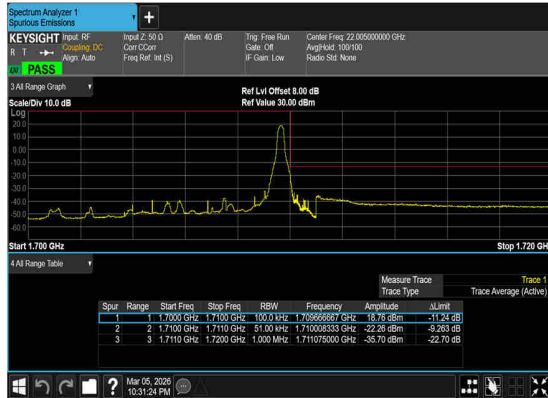


N70(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH





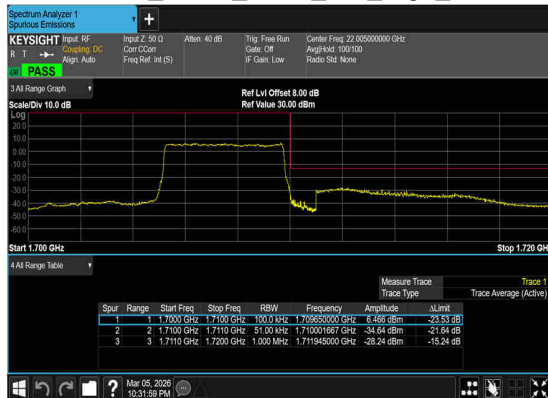
N70(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



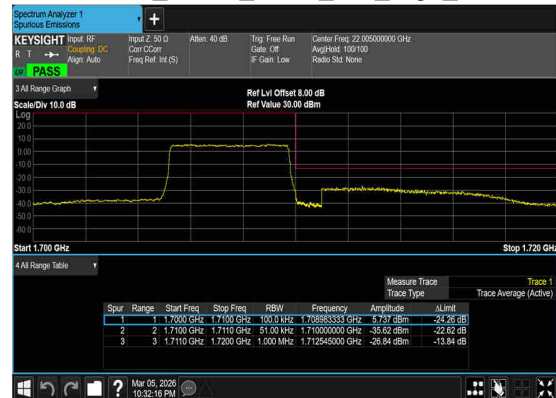
N70(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N70(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

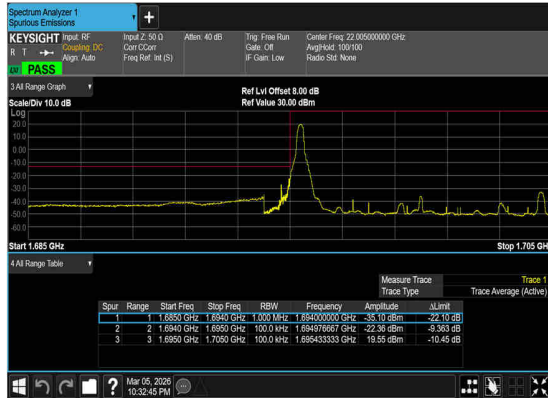


N70(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





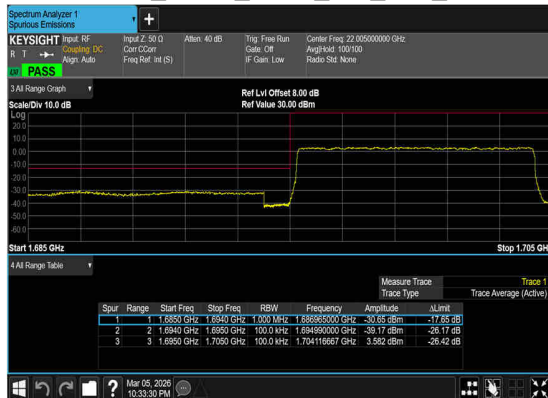
N70(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



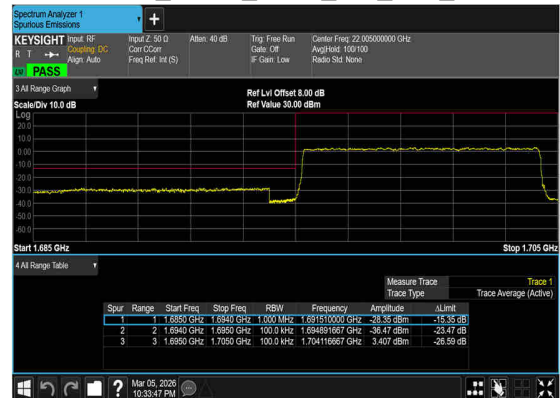
N70(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



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

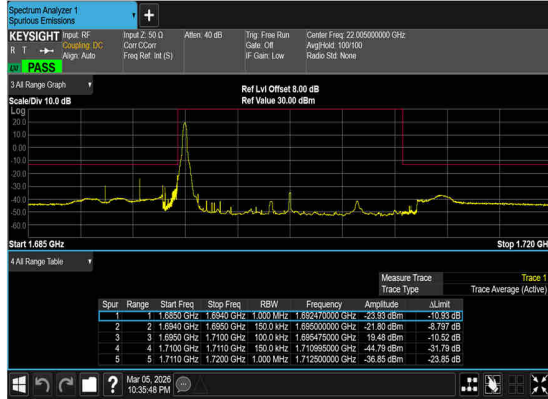


N70(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

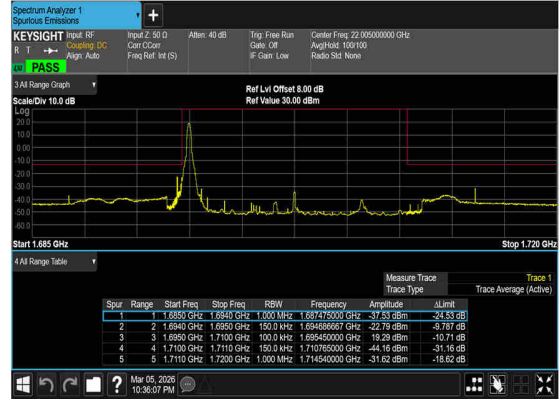




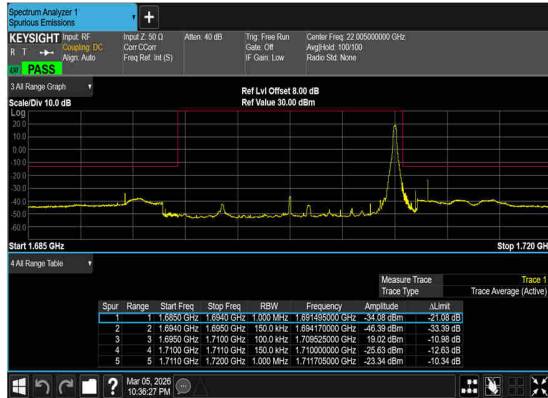
N70(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



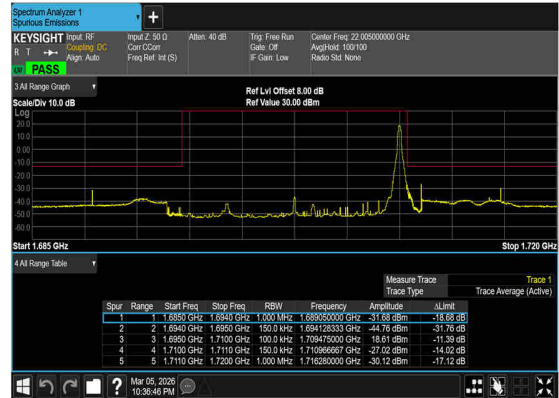
N70(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N70(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH

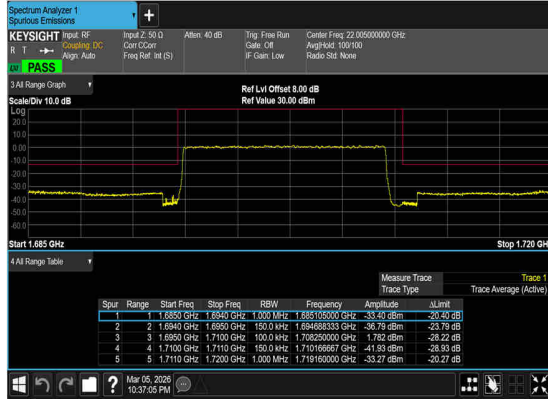


N70(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH

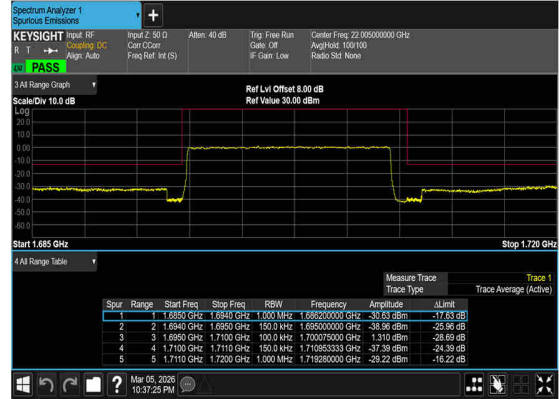




N70(15M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH



N70(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	LiangPing Zhou	Temperature :	21~25°C
		Relative Humidity :	48~53%

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

03CH02-SZ:

n25 SA / NR 40MHz / QPSK(ANT2) / Main PA									
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	3701	-59.49	-13	-46.49	-77.51	-66.25	5.82	12.58	H
	5551.5	-56.75	-13	-43.75	-78.70	-62.47	7.28	13.00	H
	7402	-55.19	-13	-42.19	-81.33	-58.35	8.32	11.48	H
	3701	-57.87	-13	-44.87	-75.79	-64.63	5.82	12.58	V
	5551.5	-53.66	-13	-40.66	-75.79	-59.38	7.28	13.00	V
	7402	-55.52	-13	-42.52	-81.68	-58.68	8.32	11.48	V
Middle	3726	-59.69	-13	-46.69	-77.75	-66.44	5.85	12.60	H
	5589	-54.48	-13	-41.48	-76.47	-60.28	7.30	13.10	H
	7452	-55.65	-13	-42.65	-81.65	-58.80	8.35	11.50	H
	3726	-56.79	-13	-43.79	-74.76	-63.54	5.85	12.60	V
	5589	-56.64	-13	-43.64	-78.82	-62.44	7.30	13.10	V
	7452	-55.24	-13	-42.24	-81.24	-58.39	8.35	11.50	V
Highest	3751	-59.81	-13	-46.81	-77.93	-66.55	5.88	12.62	H
	5626.5	-54.28	-13	-41.28	-76.73	-60.09	7.32	13.13	H
	7502	-55.29	-13	-42.29	-81.19	-58.45	8.38	11.54	H
	3751	-56.77	-13	-43.77	-74.82	-63.51	5.88	12.62	V
	5626.5	-55.78	-13	-42.78	-77.95	-61.59	7.32	13.13	V
	7502	-55.34	-13	-42.34	-81.23	-58.50	8.38	11.54	V

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



EN-DC_7A_n25A / LTE 10MHz + NR 40MHz / QPSK (ANT1+2) / Main PA									
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 n25 Lowest	3701	-60.61	-13	-47.61	-78.63	-67.37	5.82	12.58	H
	5551.5	-56.71	-13	-43.71	-78.66	-62.43	7.28	13.00	H
	7402	-55.78	-13	-42.78	-81.92	-58.94	8.32	11.48	H
	3701	-60.45	-13	-47.45	-78.37	-67.21	5.82	12.58	V
	5551.5	-56.72	-13	-43.72	-78.85	-62.44	7.28	13.00	V
	7402	-54.95	-13	-41.95	-81.11	-58.11	8.32	11.48	V
LTE Band7 Lowest	5061.00	-58.75	-25	-33.75	-80.51	-64.31	7.16	12.72	H
	7591.50	-55.35	-25	-30.35	-81.04	-58.65	8.33	11.63	H
	10122.00	-51.87	-25	-26.87	-82.02	-53.47	10.50	12.10	H
	5061.00	-58.67	-25	-33.67	-80.57	-64.23	7.16	12.72	V
	7591.50	-55.78	-25	-30.78	-81.42	-59.08	8.33	11.63	V
	10122.00	-53.34	-25	-28.34	-82.12	-54.94	10.50	12.10	V
NR n25 Middle	3726	-61.06	-13	-48.06	-79.12	-67.81	5.85	12.60	H
	5589	-56.58	-13	-43.58	-78.57	-62.38	7.30	13.10	H
	7452	-55.85	-13	-42.85	-81.85	-59.00	8.35	11.50	H
	3726	-61.11	-13	-48.11	-79.08	-67.86	5.85	12.60	V
	5589	-55.48	-13	-42.48	-77.66	-61.28	7.30	13.10	V
	7452	-55.42	-13	-42.42	-81.42	-58.57	8.35	11.50	V
LTE Band7 Middle	5061.00	-58.14	-25	-33.14	-79.90	-63.70	7.16	12.72	H
	7591.50	-55.11	-25	-30.11	-80.80	-58.41	8.33	11.63	H
	10122.00	-50.84	-25	-25.84	-80.99	-52.44	10.50	12.10	H
	5061.00	-58.38	-25	-33.38	-80.28	-63.94	7.16	12.72	V
	7591.50	-55.68	-25	-30.68	-81.32	-58.98	8.33	11.63	V
	10122.00	-53.59	-25	-28.59	-82.37	-55.19	10.50	12.10	V
NR n25 Highest	3751	-58.88	-13	-45.88	-77.00	-65.62	5.88	12.62	H
	5626.5	-53.63	-13	-40.63	-76.08	-59.44	7.32	13.13	H
	7502	-55.38	-13	-42.38	-81.28	-58.54	8.38	11.54	H
	3751	-60.41	-13	-47.41	-78.46	-67.15	5.88	12.62	V
	5626.5	-51.34	-13	-38.34	-73.51	-57.15	7.32	13.13	V
	7502	-55.30	-13	-42.30	-81.19	-58.46	8.38	11.54	V
LTE Band7 Highest	5061.00	-58.48	-25	-33.48	-80.24	-64.04	7.16	12.72	H
	7591.50	-55.28	-25	-30.28	-80.97	-58.58	8.33	11.63	H
	10122.00	-51.77	-25	-26.77	-81.92	-53.37	10.50	12.10	H
	5061.00	-58.34	-25	-33.34	-80.24	-63.90	7.16	12.72	V
	7591.50	-55.52	-25	-30.52	-81.16	-58.82	8.33	11.63	V
	10122.00	-53.30	-25	-28.30	-82.08	-54.90	10.50	12.10	V

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



EN-DC_7A_n25A / LTE 10MHz + NR 40MHz / QPSK (ANT9+1) / PA Reference Designator									
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 n25 Lowest	3701	-60.37	-13	-47.37	-78.39	-67.13	5.82	12.58	H
	5551.5	-56.54	-13	-43.54	-78.49	-62.26	7.28	13.00	H
	7402	-55.44	-13	-42.44	-81.58	-58.60	8.32	11.48	H
	3701	-60.60	-13	-47.60	-78.52	-67.36	5.82	12.58	V
	5551.5	-55.59	-13	-42.59	-77.72	-61.31	7.28	13.00	V
	7402	-55.59	-13	-42.59	-81.75	-58.75	8.32	11.48	V
LTE Band7 Lowest	5061.00	-58.65	-25	-33.65	-80.41	-64.21	7.16	12.72	H
	7591.50	-55.37	-25	-30.37	-81.06	-58.67	8.33	11.63	H
	10122.00	-51.98	-25	-26.98	-82.13	-53.58	10.50	12.10	H
	5061.00	-57.52	-25	-32.52	-79.42	-63.08	7.16	12.72	V
	7591.50	-55.61	-25	-30.61	-81.25	-58.91	8.33	11.63	V
	10122.00	-53.35	-25	-28.35	-82.13	-54.95	10.50	12.10	V
NR n25 Middle	3726	-60.42	-13	-47.42	-78.48	-67.17	5.85	12.60	H
	5589	-55.49	-13	-42.49	-77.48	-61.29	7.30	13.10	H
	7452	-55.75	-13	-42.75	-81.75	-58.90	8.35	11.50	H
	3726	-60.67	-13	-47.67	-78.64	-67.42	5.85	12.60	V
	5589	-54.57	-13	-41.57	-76.75	-60.37	7.30	13.10	V
	7452	-55.40	-13	-42.40	-81.4	-58.55	8.35	11.50	V
LTE Band7 Middle	5061.00	-58.67	-25	-33.67	-80.43	-64.23	7.16	12.72	H
	7591.50	-55.65	-25	-30.65	-81.34	-58.95	8.33	11.63	H
	10122.00	-51.61	-25	-26.61	-81.76	-53.21	10.50	12.10	H
	5061.00	-58.49	-25	-33.49	-80.39	-64.05	7.16	12.72	V
	7591.50	-55.65	-25	-30.65	-81.29	-58.95	8.33	11.63	V
	10122.00	-53.50	-25	-28.50	-82.28	-55.10	10.50	12.10	V
NR n25 Highest	3751	-60.48	-13	-47.48	-78.60	-67.22	5.88	12.62	H
	5626.5	-53.16	-13	-40.16	-75.61	-58.97	7.32	13.13	H
	7502	-55.19	-13	-42.19	-81.09	-58.35	8.38	11.54	H
	3751	-60.18	-13	-47.18	-78.23	-66.92	5.88	12.62	V
	5626.5	-53.01	-13	-40.01	-75.18	-58.82	7.32	13.13	V
	7502	-55.18	-13	-42.18	-81.07	-58.34	8.38	11.54	V
LTE Band7 Highest	5061.00	-58.33	-25	-33.33	-80.09	-63.89	7.16	12.72	H
	7591.50	-55.33	-25	-30.33	-81.02	-58.63	8.33	11.63	H
	10122.00	-51.58	-25	-26.58	-81.73	-53.18	10.50	12.10	H
	5061.00	-58.58	-25	-33.58	-80.48	-64.14	7.16	12.72	V
	7591.50	-55.55	-25	-30.55	-81.19	-58.85	8.33	11.63	V
	10122.00	-52.76	-25	-27.76	-81.54	-54.36	10.50	12.10	V

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



n25 SA / NR 40MHz / QPSK(ANT1) / PA Reference Designator									
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	3701	-57.87	-13	-44.87	-75.89	-64.63	5.82	12.58	H
	5551.5	-51.54	-13	-38.54	-73.49	-57.26	7.28	13.00	H
	7402	-54.93	-13	-41.93	-81.07	-58.09	8.32	11.48	H
	3701	-58.24	-13	-45.24	-76.16	-65.00	5.82	12.58	V
	5551.5	-52.70	-13	-39.70	-74.83	-58.42	7.28	13.00	V
	7402	-54.85	-13	-41.85	-81.01	-58.01	8.32	11.48	V
Middle	3726	-59.70	-13	-46.70	-77.76	-66.45	5.85	12.60	H
	5589	-54.93	-13	-41.93	-76.92	-60.73	7.30	13.10	H
	7452	-55.18	-13	-42.18	-81.18	-58.33	8.35	11.50	H
	3726	-57.07	-13	-44.07	-75.04	-63.82	5.85	12.60	V
	5589	-53.35	-13	-40.35	-75.53	-59.15	7.30	13.10	V
	7452	-55.36	-13	-42.36	-81.36	-58.51	8.35	11.50	V
Highest	3751	-60.37	-13	-47.37	-78.49	-67.11	5.88	12.62	H
	5626.5	-55.71	-13	-42.71	-78.16	-61.52	7.32	13.13	H
	7502	-55.35	-13	-42.35	-81.25	-58.51	8.38	11.54	H
	3751	-57.52	-13	-44.52	-75.57	-64.26	5.88	12.62	V
	5626.5	-57.36	-13	-44.36	-79.53	-63.17	7.32	13.13	V
	7502	-55.26	-13	-42.26	-81.15	-58.42	8.38	11.54	V

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

n25 UL MIMO / NR 40MHz / QPSK(ANT9+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	3701	-60.27	-13	-47.27	-78.29	-67.03	5.82	12.58	H
	5551.5	-47.23	-13	-34.23	-69.18	-52.95	7.28	13.00	H
	7402	-55.61	-13	-42.61	-81.75	-58.77	8.32	11.48	H
	3701	-58.73	-13	-45.73	-76.65	-65.49	5.82	12.58	V
	5551.5	-43.98	-13	-30.98	-66.11	-49.70	7.28	13.00	V
	7402	-55.37	-13	-42.37	-81.53	-58.53	8.32	11.48	V
Middle	3726	-58.03	-13	-45.03	-76.09	-64.78	5.85	12.60	H
	5589	-44.16	-13	-31.16	-66.15	-49.96	7.30	13.10	H
	7452	-55.65	-13	-42.65	-81.65	-58.80	8.35	11.50	H
	3726	-57.78	-13	-44.78	-75.75	-64.53	5.85	12.60	V
	5589	-46.53	-13	-33.53	-68.71	-52.33	7.30	13.10	V
	7452	-55.33	-13	-42.33	-81.33	-58.48	8.35	11.50	V
Highest	3751	-59.74	-13	-46.74	-77.86	-66.48	5.88	12.62	H
	5626.5	-42.51	-13	-29.51	-64.96	-48.32	7.32	13.13	H
	7502	-55.66	-13	-42.66	-81.56	-58.82	8.38	11.54	H
	3751	-57.39	-13	-44.39	-75.44	-64.13	5.88	12.62	V
	5626.5	-47.43	-13	-34.43	-69.6	-53.24	7.32	13.13	V
	7502	-55.16	-13	-42.16	-81.05	-58.32	8.38	11.54	V

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



N66 SA / NR 45MHz / QPSK(ANT2) / Main PA									
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	3422	-44.91	-13	-31.91	-61.11	-51.79	5.60	12.48	H
	5133	-50.29	-13	-37.29	-71.94	-55.97	7.10	12.78	H
	6844	-56.85	-13	-43.85	-81.93	-60.24	8.38	11.77	H
	3422	-60.65	-13	-47.65	-76.94	-67.53	5.60	12.48	V
	5133	-55.45	-13	-42.45	-77.32	-61.13	7.10	12.78	V
	6844	-56.08	-13	-43.08	-81.66	-59.47	8.38	11.77	V
Middle	3447	-62.03	-13	-49.03	-78.54	-68.88	5.65	12.50	H
	5170.5	-53.90	-13	-40.90	-75.50	-59.57	7.13	12.80	H
	6894	-56.69	-13	-43.69	-81.97	-60.09	8.40	11.80	H
	3447	-61.91	-13	-48.91	-78.46	-68.76	5.65	12.50	V
	5170.5	-56.41	-13	-43.41	-78.28	-62.08	7.13	12.80	V
	6894	-56.07	-13	-43.07	-81.83	-59.47	8.40	11.80	V
Highest	3472	-61.18	-13	-48.18	-77.85	-68.02	5.68	12.52	H
	5208	-54.91	-13	-41.91	-76.40	-60.58	7.15	12.82	H
	6944	-56.45	-13	-43.45	-81.92	-59.88	8.42	11.85	H
	3472	-61.15	-13	-48.15	-77.84	-67.99	5.68	12.52	V
	5208	-55.60	-13	-42.60	-77.34	-61.27	7.15	12.82	V
	6944	-55.89	-13	-42.89	-81.83	-59.32	8.42	11.85	V

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

N66 SA / NR 45MHz / QPSK(ANT1) / PA Reference Designator									
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	3422	-62.05	-13	-49.05	-78.25	-68.93	5.60	12.48	H
	5133	-49.61	-13	-36.61	-71.26	-55.29	7.10	12.78	H
	6844	-56.92	-13	-43.92	-82.00	-60.31	8.38	11.77	H
	3422	-61.83	-13	-48.83	-78.12	-68.71	5.60	12.48	V
	5133	-54.22	-13	-41.22	-76.09	-59.90	7.10	12.78	V
	6844	-56.43	-13	-43.43	-82.01	-59.82	8.38	11.77	V
Middle	3447	-58.43	-13	-45.43	-74.94	-65.28	5.65	12.50	H
	5170.5	-48.58	-13	-35.58	-70.18	-54.25	7.13	12.80	H
	6894	-56.25	-13	-43.25	-81.53	-59.65	8.40	11.80	H
	3447	-60.60	-13	-47.60	-77.15	-67.45	5.65	12.50	V
	5170.5	-56.36	-13	-43.36	-78.23	-62.03	7.13	12.80	V
	6894	-55.54	-13	-42.54	-81.3	-58.94	8.40	11.80	V
Highest	3472	-60.16	-13	-47.16	-76.83	-67.00	5.68	12.52	H
	5208	-51.41	-13	-38.41	-72.90	-57.08	7.15	12.82	H
	6944	-56.23	-13	-43.23	-81.70	-59.66	8.42	11.85	H
	3472	-61.72	-13	-48.72	-78.41	-68.56	5.68	12.52	V
	5208	-49.83	-13	-36.83	-71.57	-55.50	7.15	12.82	V
	6944	-55.74	-13	-42.74	-81.68	-59.17	8.42	11.85	V

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



N66 UL MIMO / NR 45MHz / QPSK(ANT9+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	3422	-62.08	-13	-49.08	-78.28	-68.96	5.60	12.48	H
	5133	-58.50	-13	-45.50	-80.15	-64.18	7.10	12.78	H
	6844	-56.96	-13	-43.96	-82.04	-60.35	8.38	11.77	H
	3422	-61.73	-13	-48.73	-78.02	-68.61	5.60	12.48	V
	5133	-58.64	-13	-45.64	-80.51	-64.32	7.10	12.78	V
	6844	-56.25	-13	-43.25	-81.83	-59.64	8.38	11.77	V
Middle	3447	-61.87	-13	-48.87	-78.38	-68.72	5.65	12.50	H
	5170.5	-58.95	-13	-45.95	-80.55	-64.62	7.13	12.80	H
	6894	-55.62	-13	-42.62	-80.90	-59.02	8.40	11.80	H
	3447	-61.54	-13	-48.54	-78.09	-68.39	5.65	12.50	V
	5170.5	-58.92	-13	-45.92	-80.79	-64.59	7.13	12.80	V
	6894	-55.68	-13	-42.68	-81.44	-59.08	8.40	11.80	V
Highest	3472	-61.35	-13	-48.35	-78.02	-68.19	5.68	12.52	H
	5208	-59.45	-13	-46.45	-80.94	-65.12	7.15	12.82	H
	6944	-55.94	-13	-42.94	-81.41	-59.37	8.42	11.85	H
	3472	-60.17	-13	-47.17	-76.86	-67.01	5.68	12.52	V
	5208	-58.49	-13	-45.49	-80.23	-64.16	7.15	12.82	V
	6944	-55.42	-13	-42.42	-81.36	-58.85	8.42	11.85	V

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

N70 SA / NR 15MHz / QPSK(ANT2) / Main PA									
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	3391.2	-62.08	-13	-49.08	-78.11	-68.93	5.65	12.50	H
	5086.8	-58.82	-13	-45.82	-80.56	-64.49	7.13	12.80	H
	6782.4	-57.11	-13	-44.11	-81.97	-60.51	8.40	11.80	H
	3391.2	-61.54	-13	-48.54	-77.69	-68.39	5.65	12.50	V
	5086.8	-59.00	-13	-46.00	-80.9	-64.67	7.13	12.80	V
	6782.4	-56.66	-13	-43.66	-82.06	-60.06	8.40	11.80	V

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



N70 SA / NR 10MHz / QPSK(ANT2) / Main PA									
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	3390.8	-61.84	-13	-48.84	-77.87	-68.72	5.60	12.48	H
	5086.2	-59.29	-13	-46.29	-81.03	-64.97	7.10	12.78	H
	6781.6	-57.12	-13	-44.12	-81.98	-60.51	8.38	11.77	H
	3390.8	-62.48	-13	-49.48	-78.63	-69.36	5.60	12.48	V
	5086.2	-59.16	-13	-46.16	-81.06	-64.84	7.10	12.78	V
	6781.6	-56.49	-13	-43.49	-81.89	-59.88	8.38	11.77	V
Middle	3395.8	-62.71	-13	-49.71	-78.74	-69.56	5.65	12.50	H
	5093.7	-59.53	-13	-46.53	-81.24	-65.20	7.13	12.80	H
	6791.6	-57.43	-13	-44.43	-82.31	-60.83	8.40	11.80	H
	3395.8	-62.50	-13	-49.50	-78.65	-69.35	5.65	12.50	V
	5093.7	-59.29	-13	-46.29	-81.18	-64.96	7.13	12.80	V
	6791.6	-56.88	-13	-43.88	-82.28	-60.28	8.40	11.80	V
Highest	3400.8	-62.74	-13	-49.74	-78.77	-69.58	5.68	12.52	H
	5101.2	-59.27	-13	-46.27	-80.98	-64.94	7.15	12.82	H
	6801.6	-57.27	-13	-44.27	-82.05	-60.70	8.42	11.85	H
	3400.8	-62.40	-13	-49.40	-78.55	-69.24	5.68	12.52	V
	5101.2	-59.08	-13	-46.08	-80.97	-64.75	7.15	12.82	V
	6801.6	-56.97	-13	-43.97	-82.27	-60.40	8.42	11.85	V

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

N70 SA / NR 15MHz / QPSK(ANT1) / PA Reference Designator									
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	3391.2	-62.43	-13	-49.43	-78.46	-69.28	5.65	12.50	H
	5086.8	-59.07	-13	-46.07	-80.81	-64.74	7.13	12.80	H
	6782.4	-57.34	-13	-44.34	-82.20	-60.74	8.40	11.80	H
	3391.2	-62.36	-13	-49.36	-78.51	-69.21	5.65	12.50	V
	5086.8	-59.09	-13	-46.09	-80.99	-64.76	7.13	12.80	V
	6782.4	-56.72	-13	-43.72	-82.12	-60.12	8.40	11.80	V

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



n70 SA / NR 10MHz / QPSK(ANT1) / PA Reference Designator									
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	3390.8	-62.09	-13	-49.09	-78.12	-68.97	5.60	12.48	H
	5086.2	-58.59	-13	-45.59	-80.33	-64.27	7.10	12.78	H
	6781.6	-57.25	-13	-44.25	-82.11	-60.64	8.38	11.77	H
	3390.8	-62.54	-13	-49.54	-78.69	-69.42	5.60	12.48	V
	5086.2	-58.87	-13	-45.87	-80.77	-64.55	7.10	12.78	V
	6781.6	-56.72	-13	-43.72	-82.12	-60.11	8.38	11.77	V
Middle	3395.8	-62.19	-13	-49.19	-78.22	-69.04	5.65	12.50	H
	5093.7	-59.41	-13	-46.41	-81.12	-65.08	7.13	12.80	H
	6791.6	-57.48	-13	-44.48	-82.36	-60.88	8.40	11.80	H
	3395.8	-62.48	-13	-49.48	-78.63	-69.33	5.65	12.50	V
	5093.7	-59.09	-13	-46.09	-80.98	-64.76	7.13	12.80	V
	6791.6	-56.92	-13	-43.92	-82.32	-60.32	8.40	11.80	V
Highest	3400.8	-62.46	-13	-49.46	-78.49	-69.30	5.68	12.52	H
	5101.2	-59.31	-13	-46.31	-81.02	-64.98	7.15	12.82	H
	6801.6	-57.32	-13	-44.32	-82.10	-60.75	8.42	11.85	H
	3400.8	-62.25	-13	-49.25	-78.4	-69.09	5.68	12.52	V
	5101.2	-58.64	-13	-45.64	-80.53	-64.31	7.15	12.82	V
	6801.6	-56.95	-13	-43.95	-82.25	-60.38	8.42	11.85	V

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



03CH04-KS

EN-DC_30A_n66A / LTE 10MHz + NR 45MHz / QPSK (ANT1+2) / Main PA								
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)
NR n66 Lowest	3420	-56.42	-13	-43.42	-67.16	2.604	13.34	H
	5130	-47.91	-13	-34.91	-58.42	3.011	13.52	H
	6855	-53.63	-13	-40.63	-63.83	3.271	13.47	H
	3420	-56.74	-13	-43.74	-67.48	2.604	13.34	V
	5130	-48.45	-13	-35.45	-58.96	3.011	13.52	V
	6855	-53.50	-13	-40.50	-63.70	3.271	13.47	V
NR n66 Middle	3450	-56.88	-13	-43.88	-67.62	2.604	13.34	H
	5175	-48.64	-13	-35.64	-59.15	3.011	13.52	H
	6900	-53.70	-13	-40.70	-63.90	3.271	13.47	H
	3450	-57.62	-13	-44.62	-68.36	2.604	13.34	V
	5175	-51.48	-13	-38.48	-61.99	3.011	13.52	V
	6900	-53.49	-13	-40.49	-63.69	3.271	13.47	V
NR n66 Highest	3480	-56.88	-13	-43.88	-67.62	2.604	13.34	H
	5205	-53.02	-13	-40.02	-63.53	3.011	13.52	H
	6945	-53.55	-13	-40.55	-63.75	3.271	13.47	H
	3480	-56.61	-13	-43.61	-67.35	2.604	13.34	V
	5205	-49.29	-13	-36.29	-59.80	3.011	13.52	V
	6945	-52.98	-13	-39.98	-63.18	3.271	13.47	V

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

EN-DC_30A_n66A / LTE 10MHz + NR 45MHz / QPSK (ANT2+1) / PA Reference Designator								
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)
NR n66 Lowest	3420	-56.31	-13	-43.31	-67.05	2.604	13.34	H
	5130	-54.04	-13	-41.04	-64.55	3.011	13.52	H
	6855	-53.80	-13	-40.80	-64.00	3.271	13.47	H
	3420	-56.32	-13	-43.32	-67.06	2.604	13.34	V
	5130	-54.14	-13	-41.14	-64.65	3.011	13.52	V
	6855	-53.68	-13	-40.68	-63.88	3.271	13.47	V
NR n66 Middle	3450	-57.20	-13	-44.20	-67.94	2.604	13.34	H
	5175	-54.55	-13	-41.55	-65.06	3.011	13.52	H
	6900	-53.27	-13	-40.27	-63.47	3.271	13.47	H
	3450	-57.34	-13	-44.34	-68.08	2.604	13.34	V
	5175	-54.48	-13	-41.48	-64.99	3.011	13.52	V
	6900	-53.83	-13	-40.83	-64.03	3.271	13.47	V
NR n66 Highest	3480	-56.85	-13	-43.85	-67.59	2.604	13.34	H
	5205	-54.19	-13	-41.19	-64.70	3.011	13.52	H
	6945	-53.06	-13	-40.06	-63.26	3.271	13.47	H
	3480	-57.03	-13	-44.03	-67.77	2.604	13.34	V
	5205	-54.33	-13	-41.33	-64.84	3.011	13.52	V
	6945	-53.72	-13	-40.72	-63.92	3.271	13.47	V

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