

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



N70(10M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



N70(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



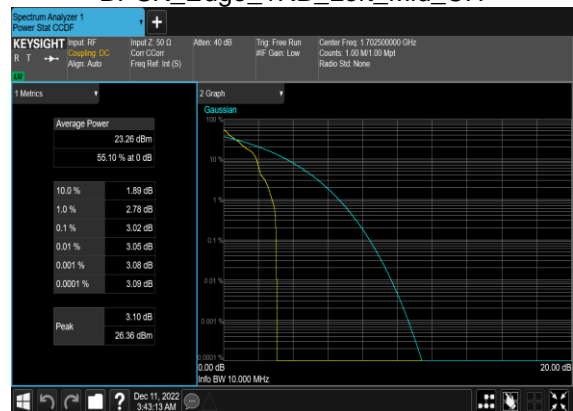
N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



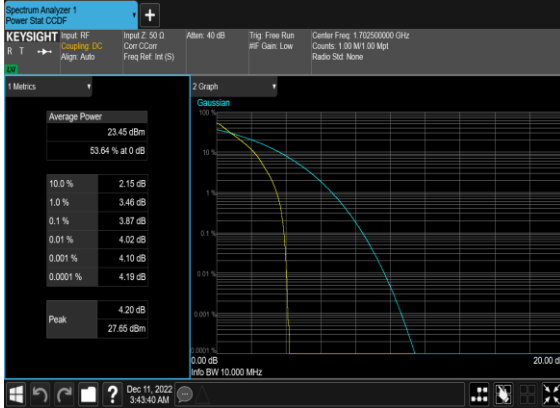
N70(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



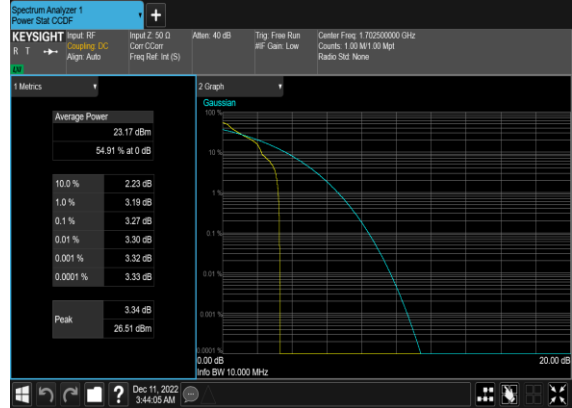
N70(10M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



N70(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



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



N70(10M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N70(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



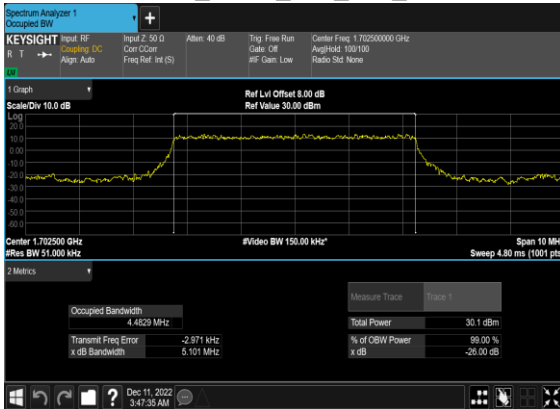
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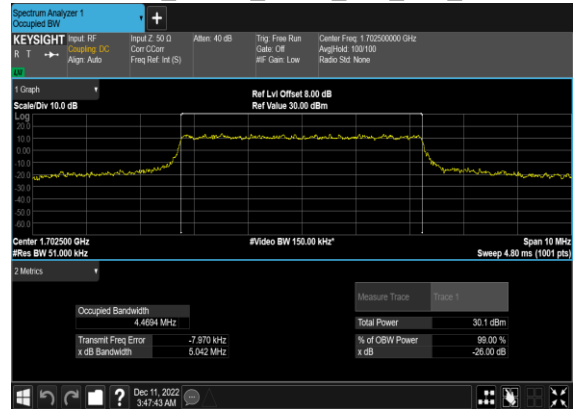
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
70	15	5	340500	1702.5	DFT-s-OFDM PI/2 BPSK	25@0	4.4829	5.101
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	25@0	4.4694	5.042
70	15	5	340500	1702.5	CP-OFDM QPSK	25@0	4.4723	5.161
70	15	5	340500	1702.5	CP-OFDM 16 QAM	25@0	4.4951	5.175
70	15	5	340500	1702.5	CP-OFDM 64 QAM	25@0	4.4789	5.14
70	15	5	340500	1702.5	CP-OFDM 256 QAM	25@0	4.4835	5.1
70	15	10	340500	1702.5	DFT-s-OFDM PI/2 BPSK	50@0	8.8961	9.431
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	8.9156	9.765
70	15	10	340500	1702.5	CP-OFDM QPSK	52@0	9.2843	9.997
70	15	10	340500	1702.5	CP-OFDM 16 QAM	52@0	9.3074	10.19
70	15	10	340500	1702.5	CP-OFDM 64 QAM	52@0	9.2961	10.16
70	15	10	340500	1702.5	CP-OFDM 256 QAM	52@0	9.2879	10.05
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	75@0	13.382	14.27
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@0	13.372	14.22
70	15	15	340500	1702.5	CP-OFDM QPSK	79@0	14.092	14.89
70	15	15	340500	1702.5	CP-OFDM 16 QAM	79@0	14.096	15.6
70	15	15	340500	1702.5	CP-OFDM 64 QAM	79@0	14.104	15.03
70	15	15	340500	1702.5	CP-OFDM 256 QAM	79@0	14.062	14.91

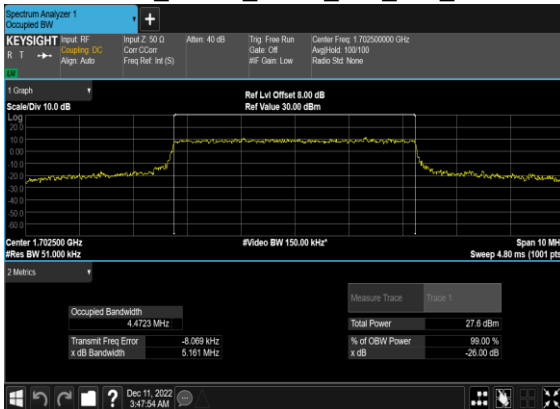
N70(5M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



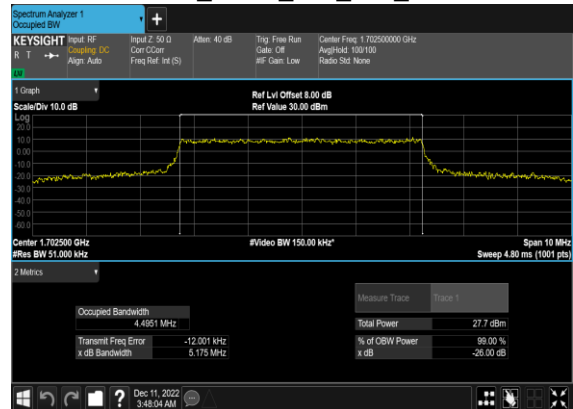
N70(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



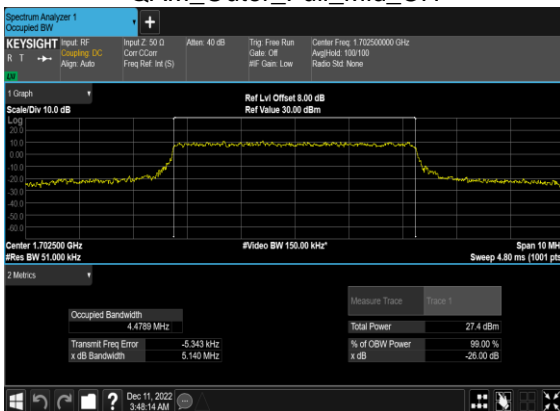
N70(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



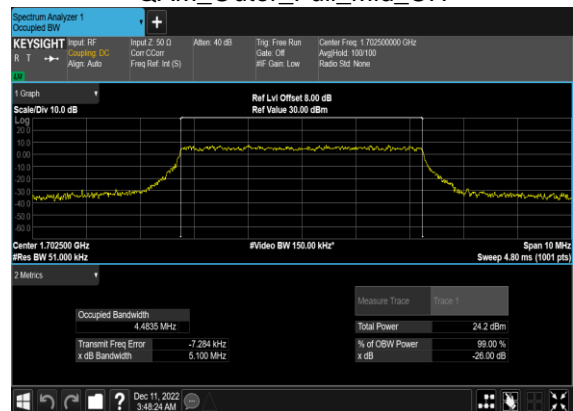
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QAM_Outer_Full_Mid_CH



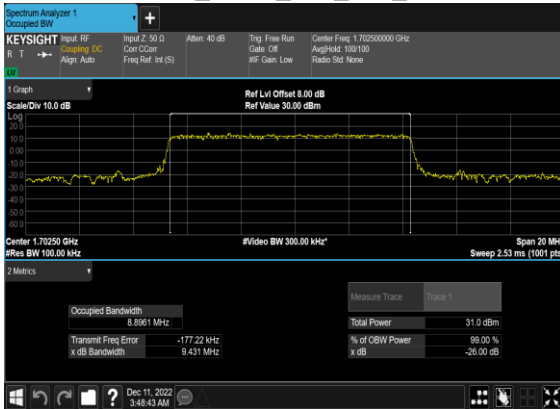
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QAM_Outer_Full_Mid_CH



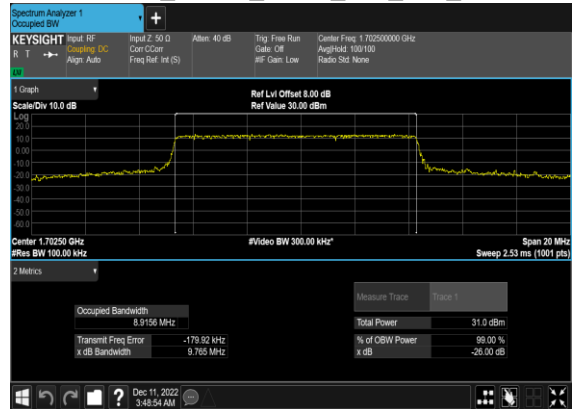
N70(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



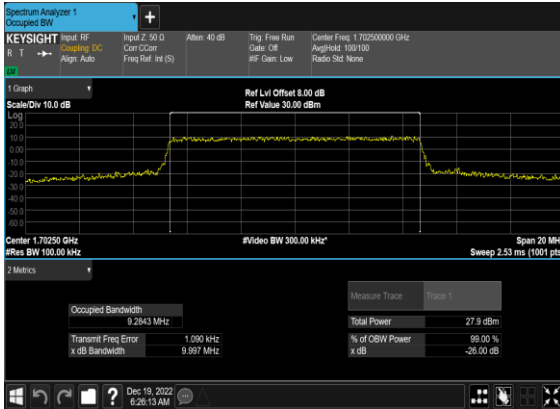
N70(10M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



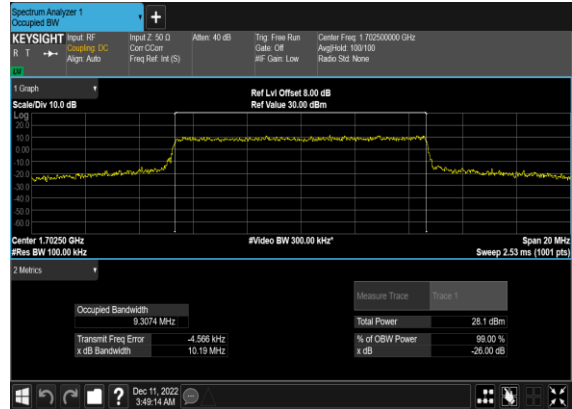
N70(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



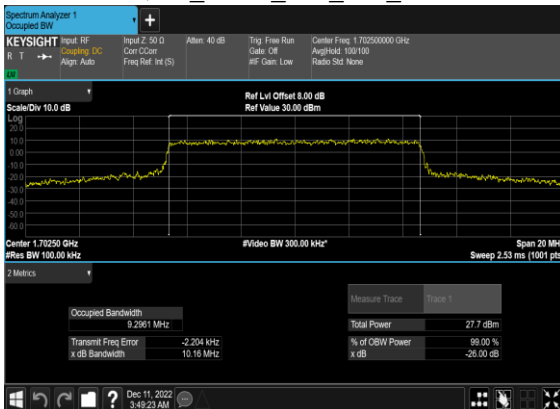
N70(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



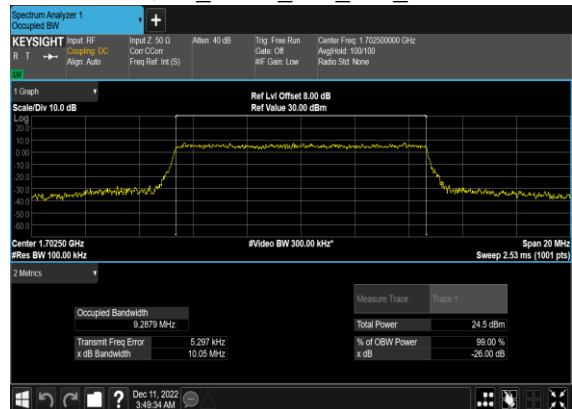
N70(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N70(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N70(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



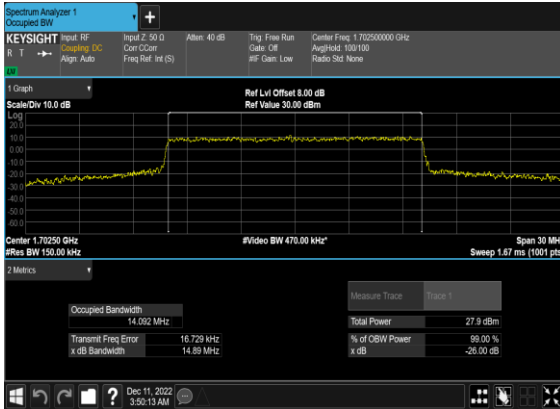
N70(15M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



N70(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



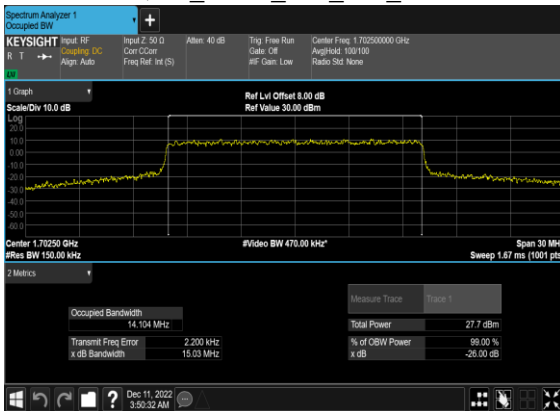
N70(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



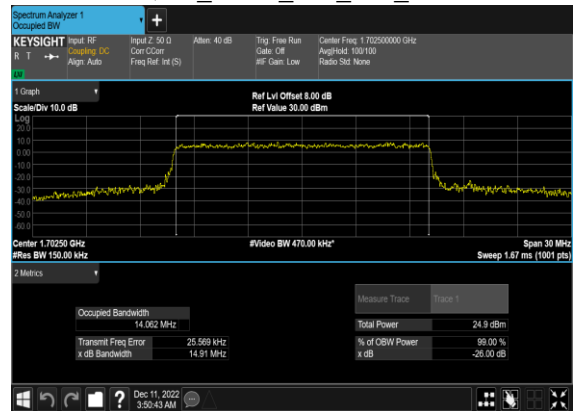
N70(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N70(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N70(15M)_CP-OFDM_256QAM_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

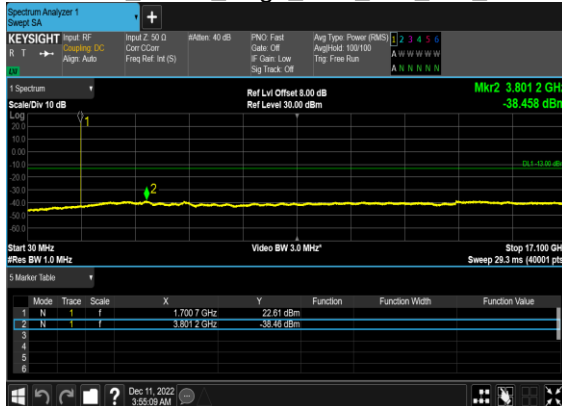
N70(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



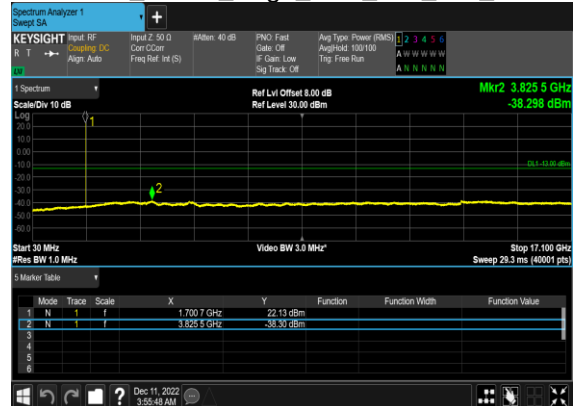
N70(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



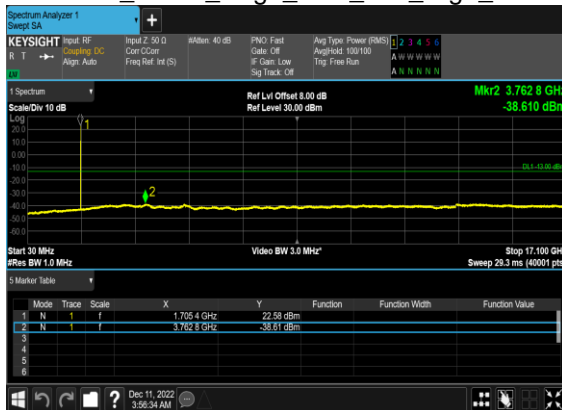
N70(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



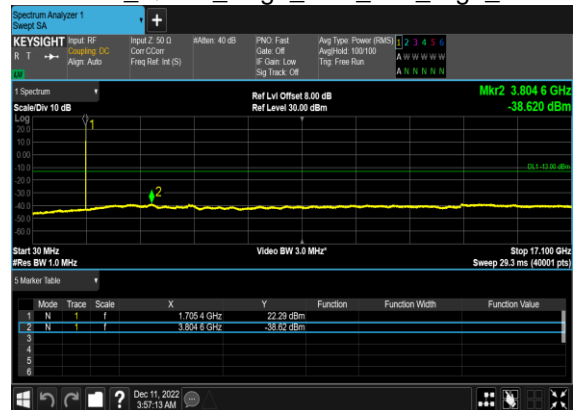
N70(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



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



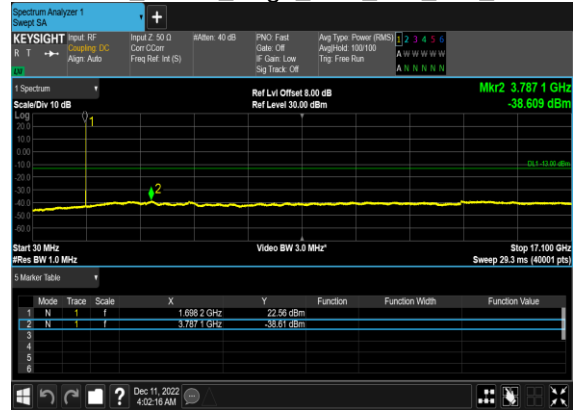
N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N70(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



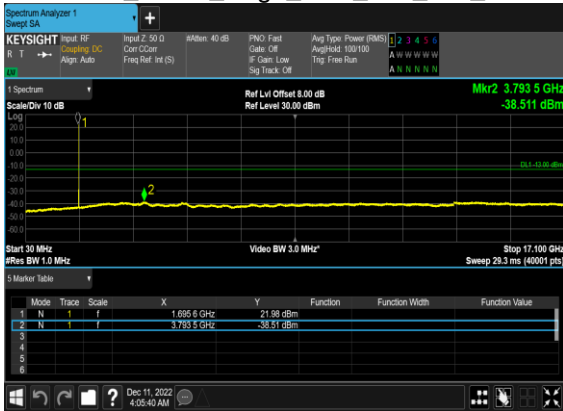
N70(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N70(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



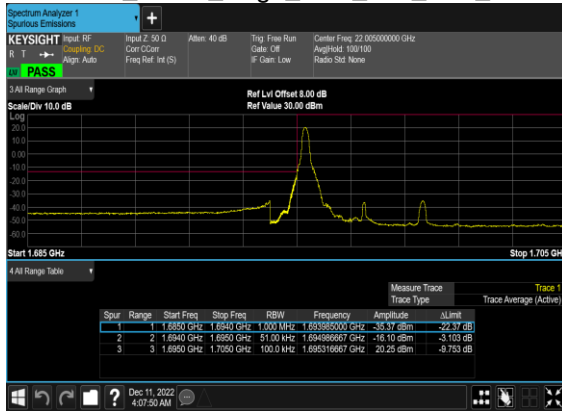
N70(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



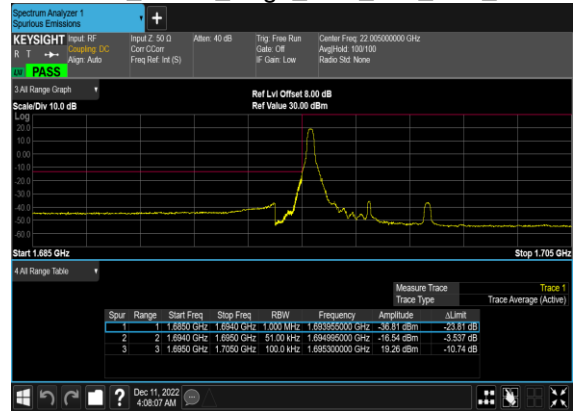
Conducted Band Edge

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
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@0	see graph	PASS

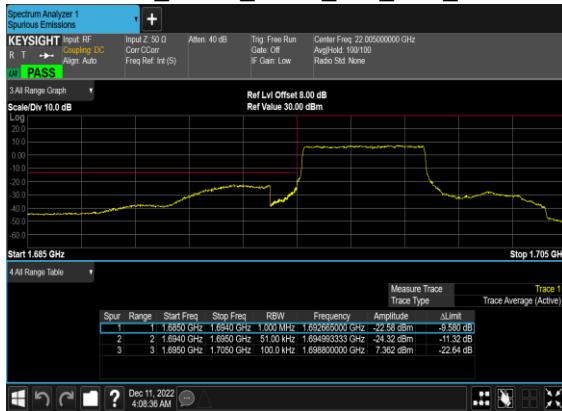
N70(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



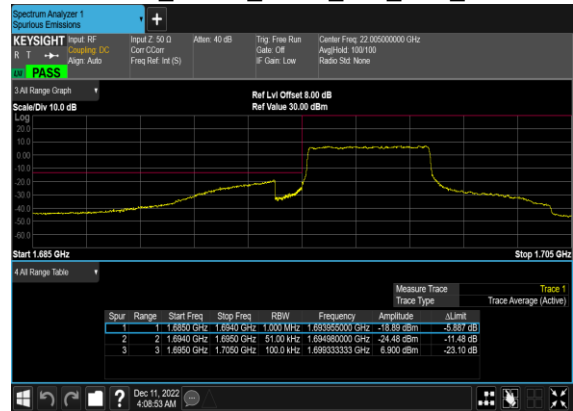
N70(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



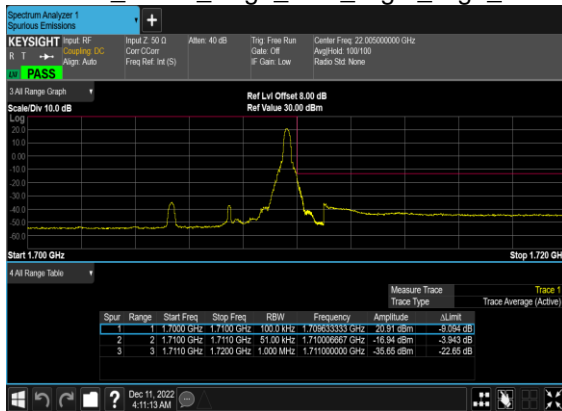
N70(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



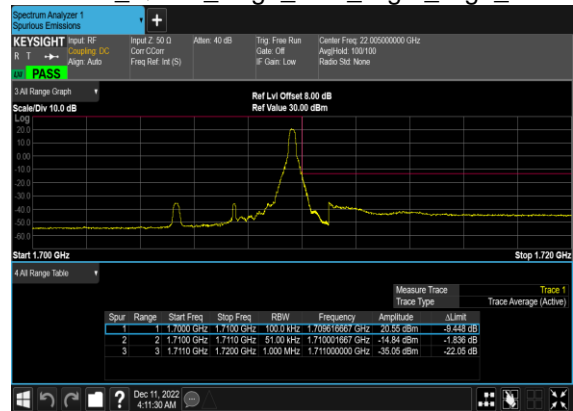
N70(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N70(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N70(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



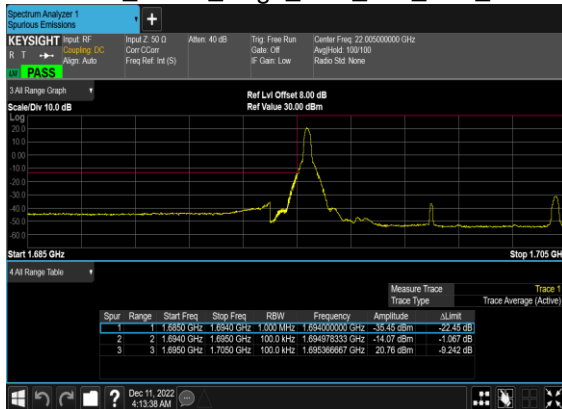
N70(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



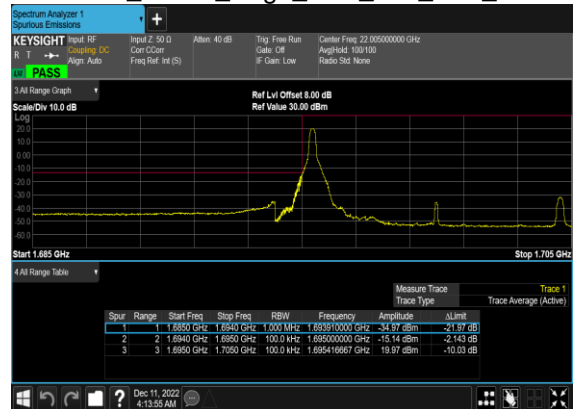
N70(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



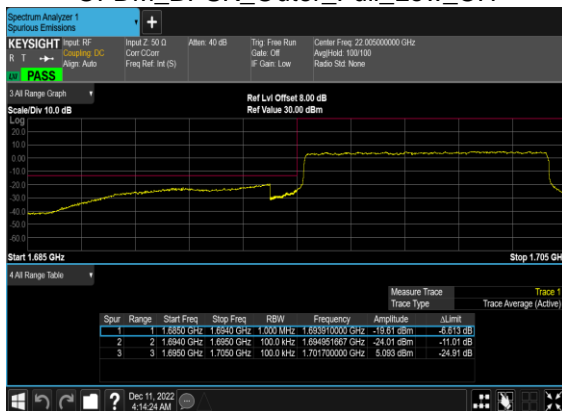
N70(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



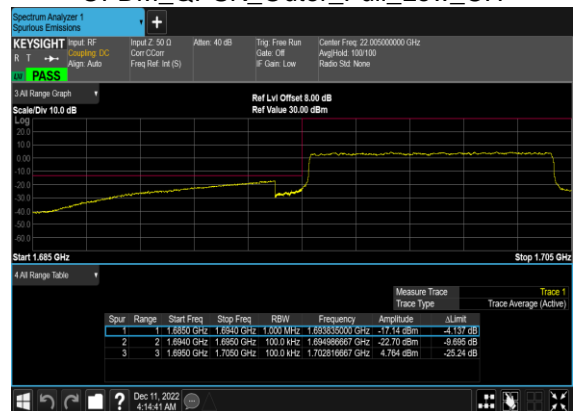
N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



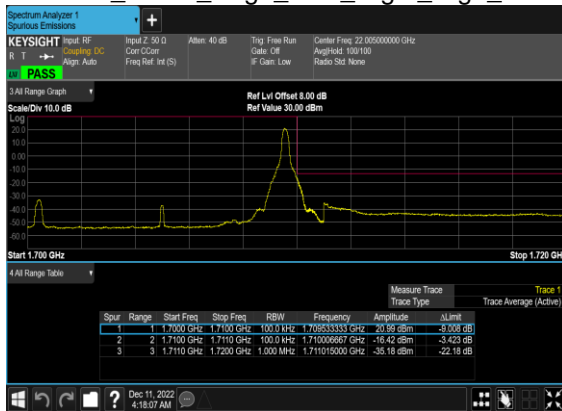
N70(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



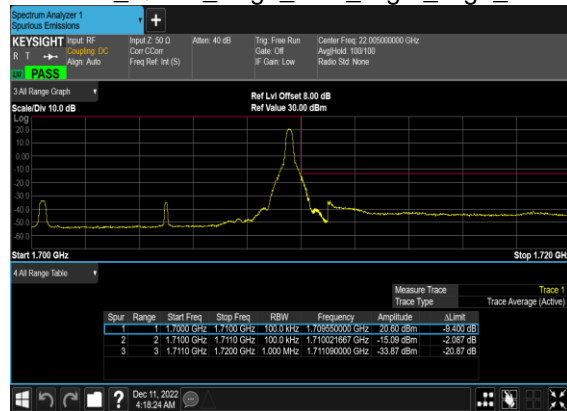
N70(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



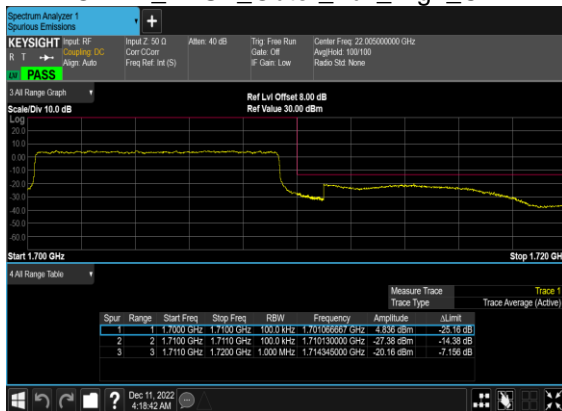
N70(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



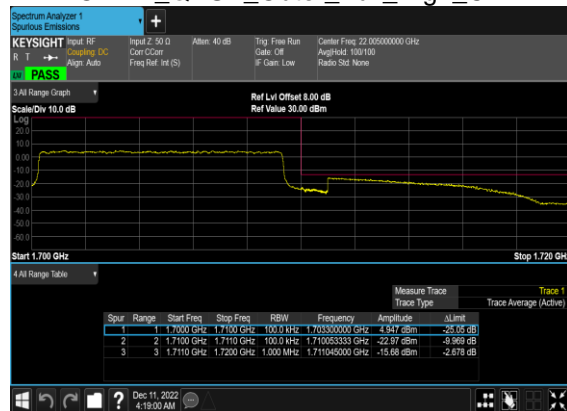
N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



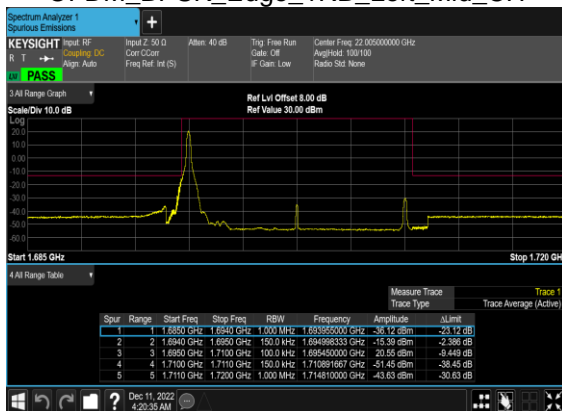
N70(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



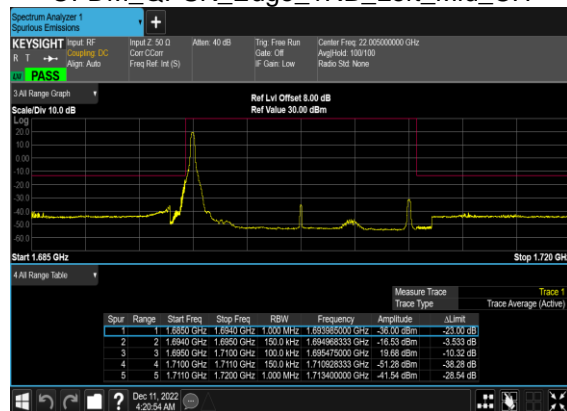
N70(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



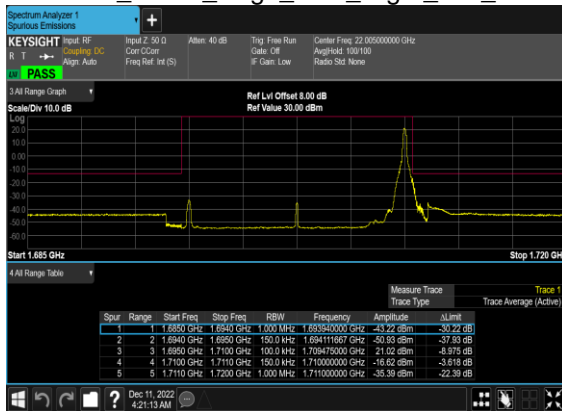
N70(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



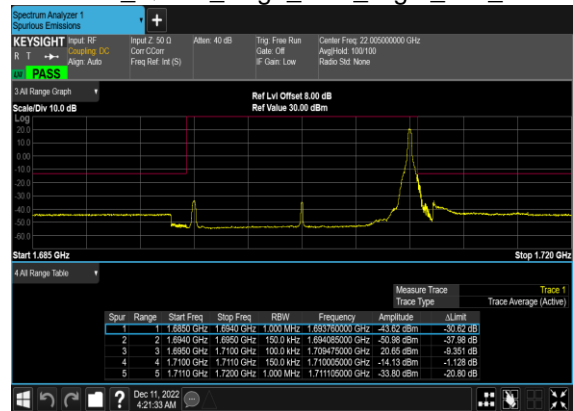
N70(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



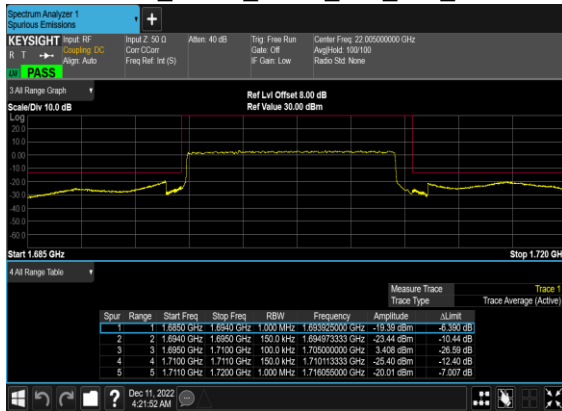
N70(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



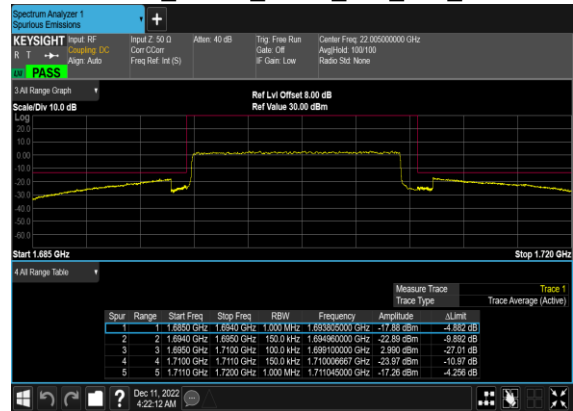
N70(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



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 :	HuaCong 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.

5G NR n7 / NR 40MHz / QPSK / ANT7									
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	5001.40	-60.18	-25	-35.18	-77.65	-65.74	7.12	12.68	H
	7502.10	-51.32	-25	-26.32	-73.65	-54.65	8.26	11.59	H
	10002.80	-53.55	-25	-28.55	-80.48	-55.08	10.45	11.98	H
	5001.40	-55.16	-25	-30.16	-72.55	-60.72	7.12	12.68	V
	7502.10	-50.03	-25	-25.03	-72.27	-53.36	8.26	11.59	V
	10002.80	-54.24	-25	-29.24	-80.56	-55.77	10.45	11.98	V
Middle	5052.00	-61.06	-25	-36.06	-78.48	-66.62	7.14	12.70	H
	7578.00	-51.58	-25	-26.58	-73.74	-54.88	8.30	11.60	H
	10104.00	-53.43	-25	-28.43	-80.32	-54.95	10.48	12.00	H
	5052.00	-62.78	-25	-37.78	-80.13	-68.34	7.14	12.70	V
	7578.00	-52.50	-25	-27.50	-74.46	-55.80	8.30	11.60	V
	10104.00	-53.95	-25	-28.95	-80.35	-55.47	10.48	12.00	V
Highest	5101.50	-57.63	-25	-32.63	-74.99	-63.19	7.16	12.72	H
	7652.25	-49.33	-25	-24.33	-71.60	-52.63	8.33	11.63	H
	10203.00	-53.60	-25	-28.60	-80.46	-55.20	10.50	12.10	H
	5101.50	-59.15	-25	-34.15	-76.44	-64.71	7.16	12.72	V
	7652.25	-50.00	-25	-25.00	-72.1	-53.30	8.33	11.63	V
	10203.00	-53.71	-25	-28.71	-80.19	-55.31	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)&ANT7(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	5001.40	-61.87	-25	-36.87	-79.34	-67.43	7.12	12.68	H
	7502.10	-52.92	-25	-27.92	-75.25	-56.25	8.26	11.59	H
	10002.80	-53.09	-25	-28.09	-80.02	-54.62	10.45	11.98	H
	5001.40	-62.18	-25	-37.18	-79.57	-67.74	7.12	12.68	V
	7502.10	-53.82	-25	-28.82	-76.06	-57.15	8.26	11.59	V
	10002.80	-53.94	-25	-28.94	-80.26	-55.47	10.45	11.98	V
LTE Band2 Lowest	3702.18	-62.63	-13	-49.63	-76.97	-69.39	5.82	12.58	H
	5553.27	-62.27	-13	-49.27	-78.91	-67.99	7.28	13.00	H
	7404.36	-56.55	-13	-43.55	-79.19	-59.71	8.32	11.48	H
	3702.18	-62.22	-13	-49.22	-76.85	-68.98	5.82	12.58	V
	5553.27	-62.37	-13	-49.37	-79.06	-68.09	7.28	13.00	V
	7404.36	-56.39	-13	-43.39	-79.07	-59.55	8.32	11.48	V
NR n7 Middle	5052.00	-61.67	-25	-36.67	-76.84	-67.23	7.14	12.70	H
	7578.00	-54.73	-25	-29.73	-78.80	-58.03	8.30	11.60	H
	10104.00	-53.59	-25	-28.59	-79.17	-55.11	10.48	12.00	H
	5052.00	-62.08	-25	-37.08	-77.09	-67.64	7.14	12.70	V
	7578.00	-54.73	-25	-29.73	-78.73	-58.03	8.30	11.60	V
	10104.00	-54.18	-25	-29.18	-78.77	-55.70	10.48	12.00	V
LTE Band2 Middle	3742.18	-62.41	-13	-49.41	-76.84	-69.16	5.85	12.60	H
	5613.27	-61.96	-13	-48.96	-78.80	-67.76	7.30	13.10	H
	7484.36	-56.79	-13	-43.79	-79.17	-59.94	8.35	11.50	H
	3742.18	-62.45	-13	-49.45	-77.09	-69.20	5.85	12.60	V
	5613.27	-61.98	-13	-48.98	-78.73	-67.78	7.30	13.10	V
	7484.36	-56.46	-13	-43.46	-78.77	-59.61	8.35	11.50	V
NR n7 Highest	5101.50	-61.67	-25	-36.67	-79.03	-67.23	7.16	12.72	H
	7652.25	-54.13	-25	-29.13	-76.40	-57.43	8.33	11.63	H
	10203.00	-53.05	-25	-28.05	-79.91	-54.65	10.50	12.10	H
	5101.50	-61.71	-25	-36.71	-79	-67.27	7.16	12.72	V
	7652.25	-52.81	-25	-27.81	-74.91	-56.11	8.33	11.63	V
	10203.00	-53.67	-25	-28.67	-80.15	-55.27	10.50	12.10	V
LTE Band2 Highest	3782.18	-62.66	-13	-49.66	-77.16	-69.40	5.88	12.62	H
	5673.27	-62.35	-13	-49.35	-79.35	-68.16	7.32	13.13	H
	7564.36	-56.88	-13	-43.88	-79.08	-60.04	8.38	11.54	H
	3782.18	-62.49	-13	-49.49	-77.12	-69.23	5.88	12.62	V
	5673.27	-62.07	-13	-49.07	-79.04	-67.88	7.32	13.13	V
	7564.36	-56.89	-13	-43.89	-78.91	-60.05	8.38	11.54	V

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



5G NR n41 SA / NR 100MHz / QPSK / ANT7									
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	4994.80	-61.32	-25	-36.32	-78.80	-66.88	7.12	12.68	H
	7492.20	-46.81	-25	-21.81	-69.17	-50.14	8.26	11.59	H
	9989.60	-53.64	-25	-28.64	-80.55	-55.17	10.45	11.98	H
	4994.80	-61.43	-25	-36.43	-78.83	-66.99	7.12	12.68	V
	7492.20	-44.99	-25	-19.99	-67.27	-48.32	8.26	11.59	V
	9989.60	-54.51	-25	-29.51	-80.83	-56.04	10.45	11.98	V
Middle	5089.00	-63.01	-25	-38.01	-80.40	-68.57	7.14	12.70	H
	7633.50	-45.65	-25	-20.65	-67.86	-48.95	8.30	11.60	H
	10178.00	-53.57	-25	-28.57	-80.43	-55.09	10.48	12.00	H
	5089.00	-62.35	-25	-37.35	-79.67	-67.91	7.14	12.70	V
	7633.50	-47.33	-25	-22.33	-69.35	-50.63	8.30	11.60	V
	10178.00	-54.24	-25	-29.24	-80.69	-55.76	10.48	12.00	V
Highest	5182.80	-62.30	-25	-37.30	-79.58	-67.86	7.16	12.72	H
	7774.20	-46.93	-25	-21.93	-69.57	-50.23	8.33	11.63	H
	10365.60	-53.76	-25	-28.76	-80.56	-55.36	10.50	12.10	H
	5182.80	-62.34	-25	-37.34	-79.57	-67.90	7.16	12.72	V
	7774.20	-48.18	-25	-23.18	-70.81	-51.48	8.33	11.63	V
	10365.60	-53.83	-25	-28.83	-80.43	-55.43	10.50	12.10	V

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



EN-DC_25A_n41A / LTE 20MHz + NR 100MHz / QPSK / ANT1(LTE) + ANT7(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 n41 Lowest	4994.80	-62.10	-25	-37.10	-79.58	-67.66	7.12	12.68	H
	7494.00	-58.18	-25	-33.18	-80.53	-61.51	8.26	11.59	H
	9989.60	-54.35	-25	-29.35	-81.26	-55.88	10.45	11.98	H
	4994.80	-62.04	-25	-37.04	-79.44	-67.60	7.12	12.68	V
	7494.00	-58.41	-25	-33.41	-80.68	-61.74	8.26	11.59	V
	9989.60	-54.95	-25	-29.95	-81.27	-56.48	10.45	11.98	V
LTE Band25 Lowest	3747	-63.12	-13	-50.12	-77.55	-69.87	5.85	12.60	H
	5620.5	-63.05	-13	-50.05	-79.90	-68.85	7.30	13.10	H
	7492.2	-58.17	-13	-45.17	-80.53	-61.32	8.35	11.50	H
	3747	-62.98	-13	-49.98	-77.62	-69.73	5.85	12.60	V
	5620.5	-62.90	-13	-49.90	-79.66	-68.70	7.30	13.10	V
	7492.2	-58.28	-13	-45.28	-80.56	-61.43	8.35	11.50	V
NR n41 Middle	5089.00	-63.53	-25	-38.53	-80.92	-69.09	7.14	12.70	H
	7633.50	-57.91	-25	-32.91	-80.12	-61.21	8.30	11.60	H
	10178.00	-54.27	-25	-29.27	-81.13	-55.79	10.48	12.00	H
	5089.00	-63.35	-25	-38.35	-80.67	-68.91	7.14	12.70	V
	7633.50	-58.05	-25	-33.05	-80.07	-61.35	8.30	11.60	V
	10178.00	-54.38	-25	-29.38	-80.83	-55.90	10.48	12.00	V
LTE Band25 Middle	3747	-63.18	-13	-50.18	-77.61	-69.93	5.85	12.60	H
	5620.5	-62.67	-13	-49.67	-79.52	-68.47	7.30	13.10	H
	7494	-58.30	-13	-45.30	-80.65	-61.45	8.35	11.50	H
	3747	-62.80	-13	-49.80	-77.44	-69.55	5.85	12.60	V
	5620.5	-62.77	-13	-49.77	-79.53	-68.57	7.30	13.10	V
	7494	-57.91	-13	-44.91	-80.18	-61.06	8.35	11.50	V
NR n41 Highest	5182.80	-63.18	-25	-38.18	-80.46	-68.74	7.16	12.72	H
	7774.20	-57.80	-25	-32.80	-80.44	-61.10	8.33	11.63	H
	10365.60	-54.73	-25	-29.73	-81.53	-56.33	10.50	12.10	H
	5182.80	-63.17	-25	-38.17	-80.4	-68.73	7.16	12.72	V
	7774.20	-57.87	-25	-32.87	-80.5	-61.17	8.33	11.63	V
	10365.60	-54.83	-25	-29.83	-81.43	-56.43	10.50	12.10	V
LTE Band25 Highest	3747	-62.97	-13	-49.97	-77.40	-69.72	5.85	12.60	H
	5620.5	-62.74	-13	-49.74	-79.59	-68.54	7.30	13.10	H
	7494	-58.22	-13	-45.22	-80.57	-61.37	8.35	11.50	H
	3747	-62.92	-13	-49.92	-77.56	-69.67	5.85	12.60	V
	5620.5	-62.65	-13	-49.65	-79.41	-68.45	7.30	13.10	V
	7494	-58.37	-13	-45.37	-80.64	-61.52	8.35	11.50	V

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



5G NR n66 SA / NR 40MHz / QPSK / ANTO									
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	3421.84	-63.24	-13	-50.24	-75.28	-70.12	5.60	12.48	H
	5132.76	-54.09	-13	-41.09	-71.42	-59.77	7.10	12.78	H
	6843.68	-58.82	-13	-45.82	-78.94	-62.21	8.38	11.77	H
	3421.84	-63.04	-13	-50.04	-75.65	-69.92	5.60	12.48	V
	5132.76	-56.47	-13	-43.47	-73.74	-62.15	7.10	12.78	V
	6843.68	-59.79	-13	-46.79	-79.67	-63.18	8.38	11.77	V
Middle	3452	-63.07	-13	-50.07	-75.46	-69.92	5.65	12.50	H
	5178	-57.49	-13	-44.49	-74.77	-63.16	7.13	12.80	H
	6904	-58.47	-13	-45.47	-78.88	-61.87	8.40	11.80	H
	3452	-62.80	-13	-49.80	-75.74	-69.65	5.65	12.50	V
	5178	-57.22	-13	-44.22	-74.44	-62.89	7.13	12.80	V
	6904	-59.20	-13	-46.20	-79.54	-62.60	8.40	11.80	V
Highest	3481.4	-63.48	-13	-50.48	-76.21	-70.32	5.68	12.52	H
	5222.1	-54.81	-13	-41.81	-71.74	-60.48	7.15	12.82	H
	6962.8	-58.66	-13	-45.66	-79.35	-62.09	8.42	11.85	H
	3481.4	-62.81	-13	-49.81	-76.08	-69.65	5.68	12.52	V
	5222.1	-56.92	-13	-43.92	-73.79	-62.59	7.15	12.82	V
	6962.8	-58.53	-13	-45.53	-79.32	-61.96	8.42	11.85	V

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



EN-DC_30A_n66A / LTE 5MHz + NR 40MHz / QPSK / ANT7(LTE)+ANT1(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	3421.84	-66.45	-13	-53.45	-58.12	-73.33	5.60	12.48	H
	5132.76	-64.41	-13	-51.41	-61.86	-70.09	7.10	12.78	H
	6843.68	-62.04	-13	-49.04	-61.75	-65.43	8.38	11.77	H
	3421.84	-65.82	-13	-52.82	-58.06	-72.70	5.60	12.48	V
	5132.76	-63.85	-13	-50.85	-61.24	-69.53	7.10	12.78	V
	6843.68	-62.48	-13	-49.48	-61.95	-65.87	8.38	11.77	V
LTE Band30 Lowest	4610.50	-59.49	-40	-19.49	-56.43	-65.74	6.30	12.55	H
	6915.75	-53.39	-40	-13.39	-53.31	-56.79	8.25	11.65	H
	9221.00	-53.69	-40	-13.69	-62.48	-56.04	9.50	11.85	H
	4610.50	-62.64	-40	-22.64	-59.43	-68.89	6.30	12.55	V
	6915.75	-54.31	-40	-14.31	-54.2	-57.71	8.25	11.65	V
	9221.00	-54.11	-40	-14.11	-62.48	-56.46	9.50	11.85	V
NR n66 Middle	3452	-65.82	-13	-52.82	-57.87	-72.67	5.65	12.50	H
	5178	-63.80	-13	-50.80	-61.29	-69.47	7.13	12.80	H
	6904	-61.70	-13	-48.70	-61.60	-65.10	8.40	11.80	H
	3452	-65.69	-13	-52.69	-58.29	-72.54	5.65	12.50	V
	5178	-63.96	-13	-50.96	-61.39	-69.63	7.13	12.80	V
	6904	-61.96	-13	-48.96	-61.79	-65.36	8.40	11.80	V
LTE Band30 Middle	4615.50	-61.90	-40	-21.90	-58.87	-68.15	6.45	12.70	H
	6923.25	-54.81	-40	-14.81	-54.77	-58.21	8.40	11.80	H
	9231.00	-53.84	-40	-13.84	-62.64	-56.19	9.65	12.00	H
	4615.50	-63.85	-40	-23.85	-60.68	-70.10	6.45	12.70	V
	6923.25	-54.58	-40	-14.58	-54.52	-57.98	8.40	11.80	V
	9231.00	-53.86	-40	-13.86	-62.25	-56.21	9.65	12.00	V
NR n66 Highest	3481.84	-66.16	-13	-53.16	-58.57	-73.00	5.68	12.52	H
	5232.76	-64.70	-13	-51.70	-61.79	-70.37	7.15	12.82	H
	6963.68	-61.60	-13	-48.60	-61.66	-65.03	8.42	11.85	H
	3481.84	-65.85	-13	-52.85	-58.8	-72.69	5.68	12.52	V
	5232.76	-64.68	-13	-51.68	-61.72	-70.35	7.15	12.82	V
	6963.68	-61.54	-13	-48.54	-61.71	-64.97	8.42	11.85	V
LTE Band30 Highest	4620.50	-63.60	-40	-23.60	-60.57	-69.85	6.61	12.86	H
	6930.75	-57.75	-40	-17.75	-57.72	-61.13	8.56	11.94	H
	9241.00	-54.12	-40	-14.12	-62.91	-56.47	9.81	12.16	H
	4620.50	-64.00	-40	-24.00	-60.84	-70.25	6.61	12.86	V
	6930.75	-54.80	-40	-14.80	-54.78	-58.18	8.56	11.94	V
	9241.00	-54.55	-40	-14.55	-62.94	-56.90	9.81	12.16	V

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



5G NR n70 SA / NR 15MHz / 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)
Middle	3391.08	-63.93	-13	-50.93	-75.74	-70.78	5.65	12.50	H
	5086.62	-62.91	-13	-49.91	-80.30	-68.58	7.13	12.80	H
	6782.16	-58.20	-13	-45.20	-78.05	-61.60	8.40	11.80	H
	3391.08	-63.32	-13	-50.32	-75.67	-70.17	5.65	12.50	V
	5086.62	-63.09	-13	-50.09	-80.41	-68.76	7.13	12.80	V
	6782.16	-60.28	-13	-47.28	-79.77	-63.68	8.40	11.80	V

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