

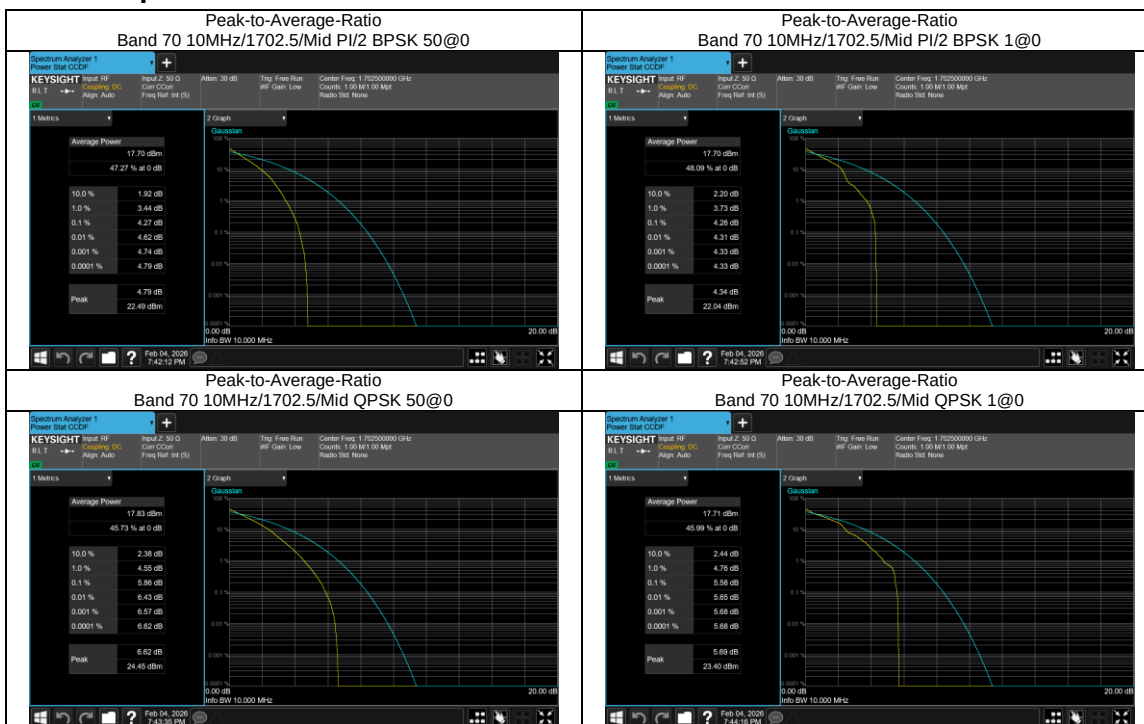


Peak to Average Ratio

Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
70	15	10	340500	1702.5	DFT-s-OFDM PI/2 BPSK	50@0	4.27	13
70	15	10	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@0	4.26	13
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	5.86	13
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@0	5.58	13

Test Graphs





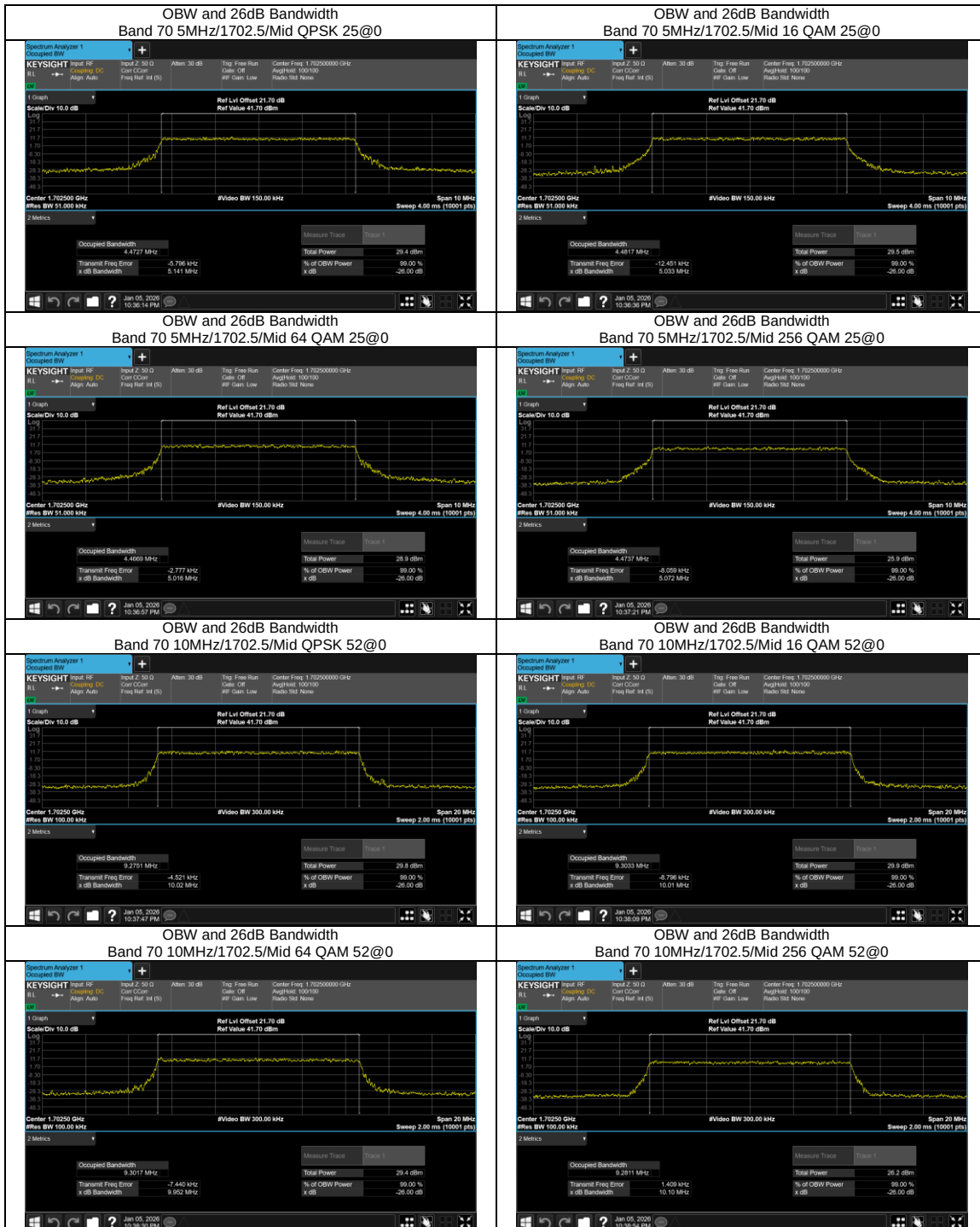
Occupied Bandwidth

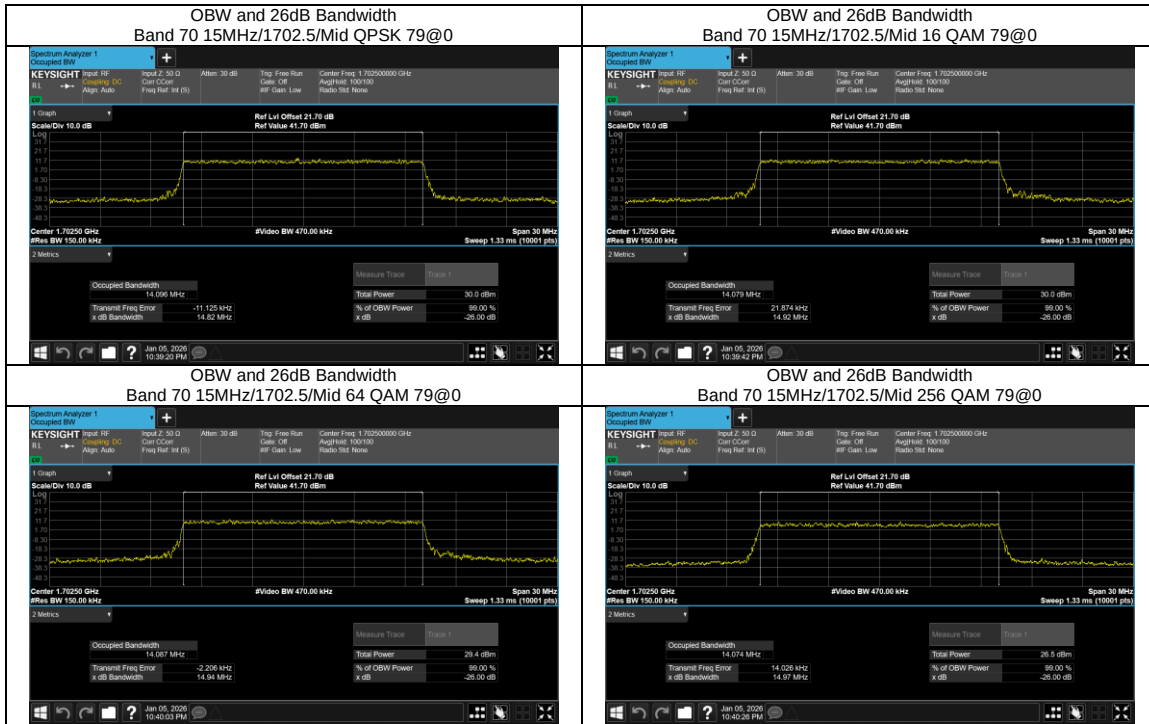
Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	OBW(MHz)	26dB OBW(MHz)
70	15	5	340500	1702.5	CP-OFDM QPSK	25@0	4.47	5.141
70	15	5	340500	1702.5	CP-OFDM 16 QAM	25@0	4.48	5.033
70	15	5	340500	1702.5	CP-OFDM 64 QAM	25@0	4.47	5.016
70	15	5	340500	1702.5	CP-OFDM 256 QAM	25@0	4.47	5.072
70	15	10	340500	1702.5	CP-OFDM QPSK	52@0	9.28	10.02
70	15	10	340500	1702.5	CP-OFDM 16 QAM	52@0	9.3	10.01
70	15	10	340500	1702.5	CP-OFDM 64 QAM	52@0	9.3	9.952
70	15	10	340500	1702.5	CP-OFDM 256 QAM	52@0	9.28	10.1
70	15	15	340500	1702.5	CP-OFDM QPSK	79@0	14.1	14.82
70	15	15	340500	1702.5	CP-OFDM 16 QAM	79@0	14.08	14.92
70	15	15	340500	1702.5	CP-OFDM 64 QAM	79@0	14.09	14.94
70	15	15	340500	1702.5	CP-OFDM 256 QAM	79@0	14.07	14.97



Test Graphs







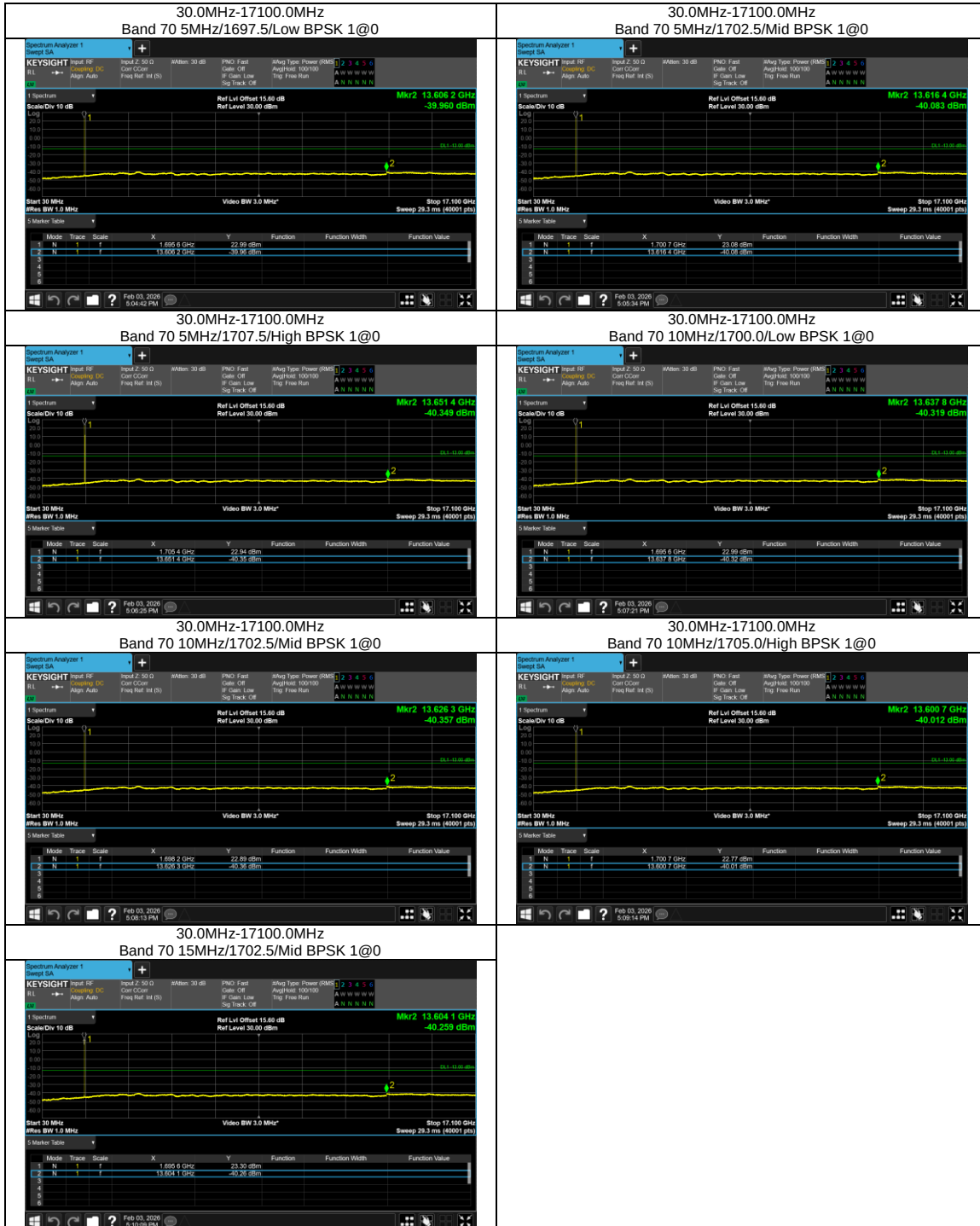
Conducted Spurious Emissions

Test Result

NR Band	SCS	BandWidth	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	340500	1702.5	DFT-s-OFDM BPSK	1@0	See graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	1@0	See graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	1@0	See graph	PASS
70	15	10	340500	1702.5	DFT-s-OFDM BPSK	1@0	See graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	1@0	See graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@0	See graph	PASS



Test Graphs





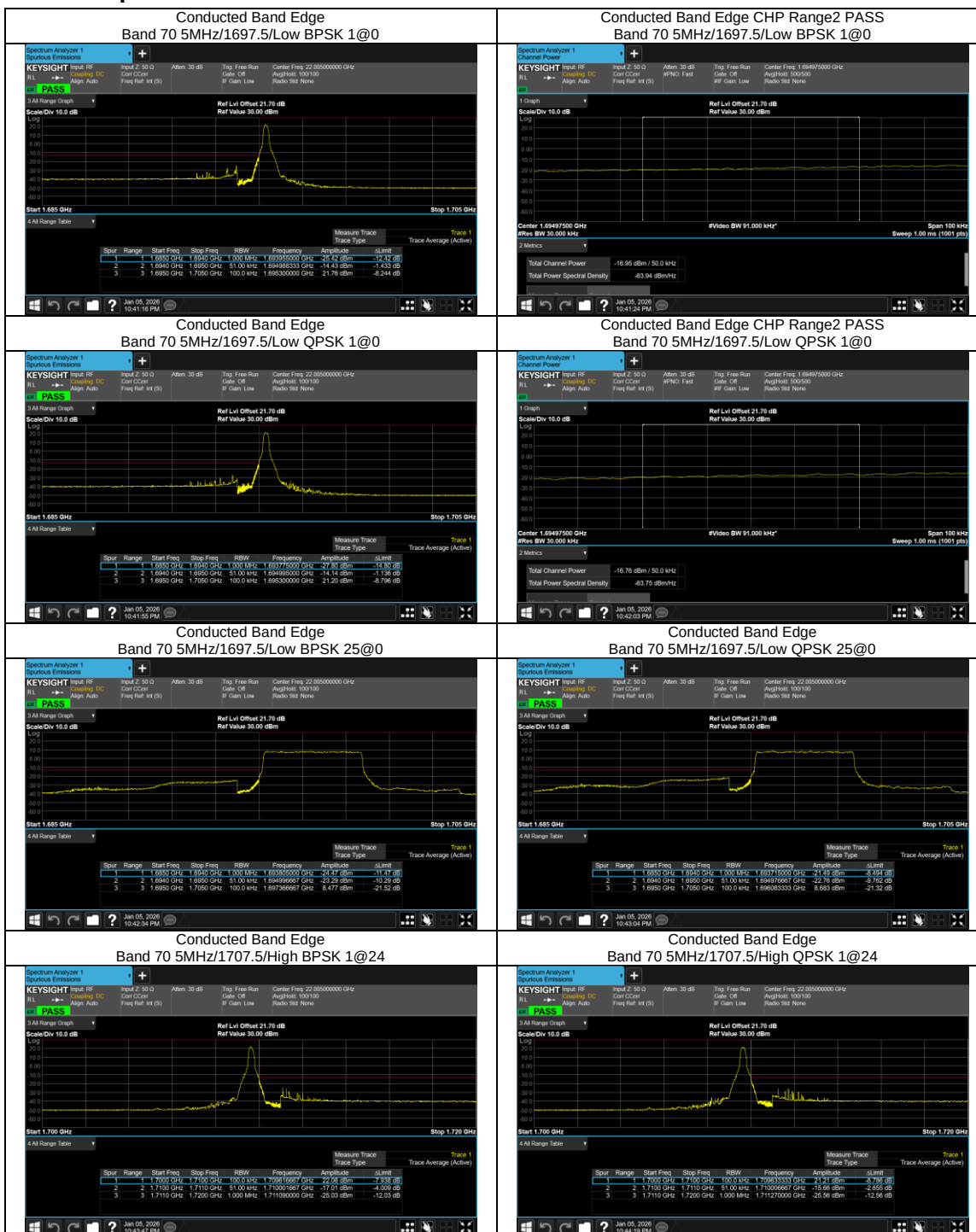
Conducted Band Edge

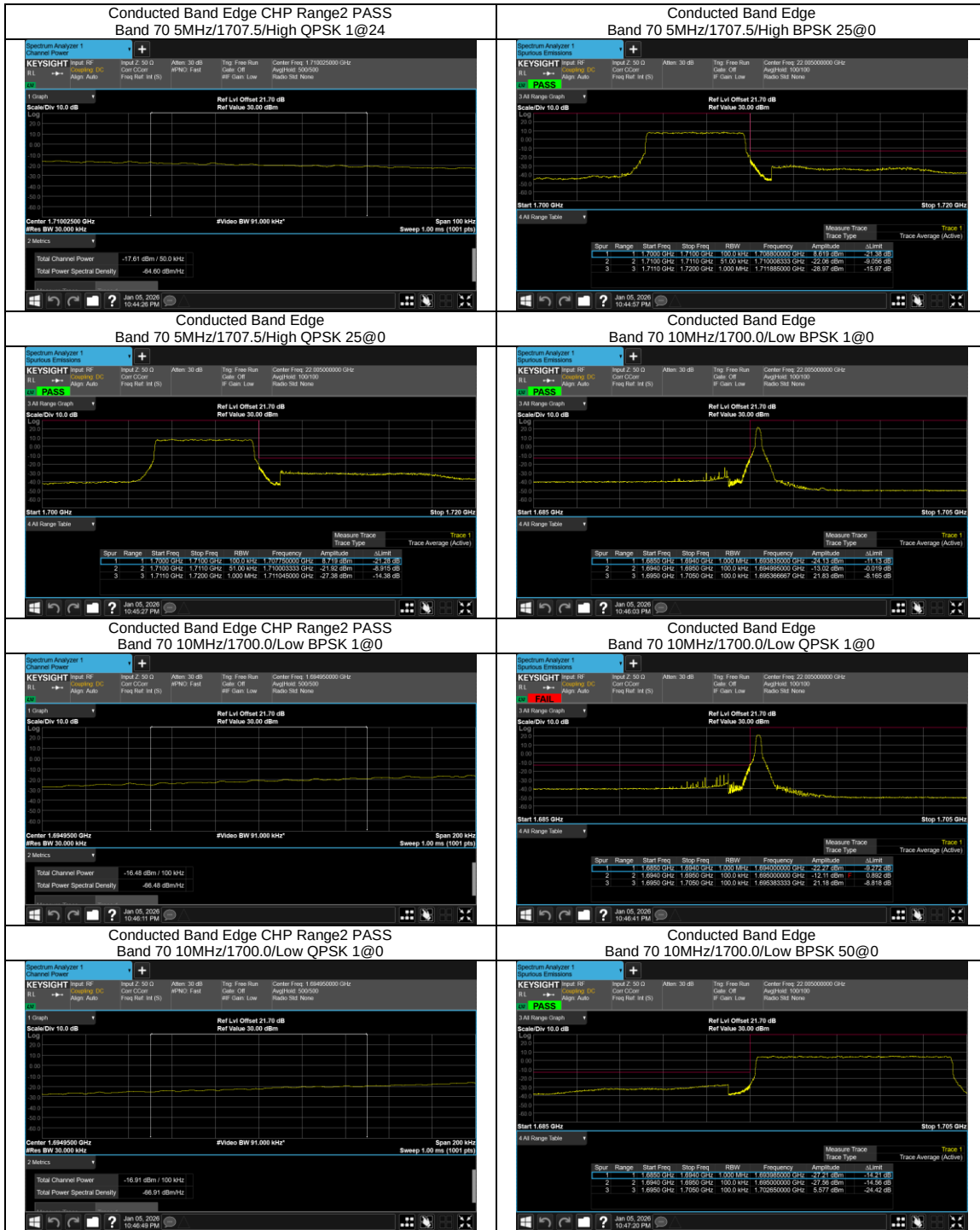
Test Result

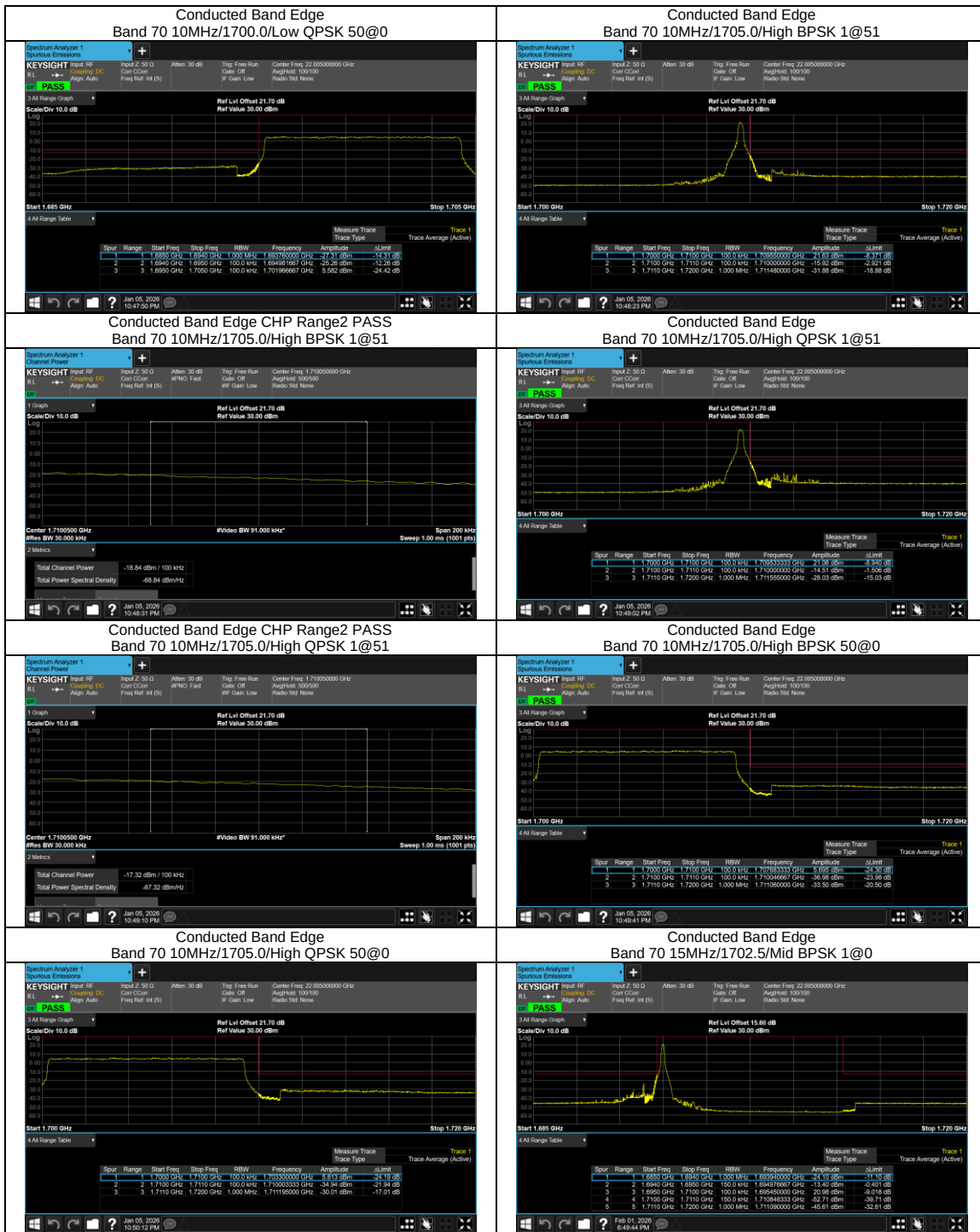
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	1@0	See graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@0	See graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	25@0	See graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	25@0	See graph	PASS
70	15	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

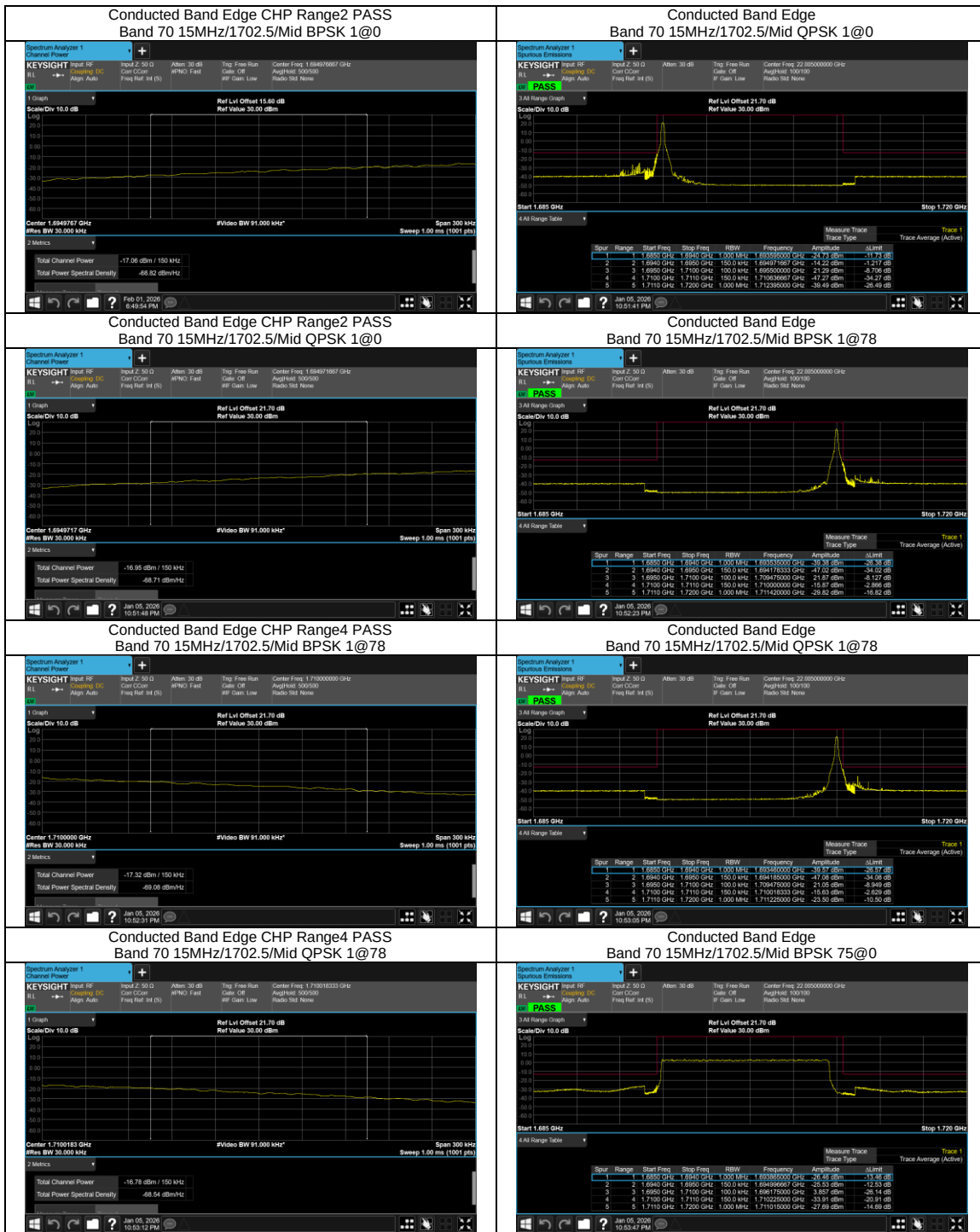


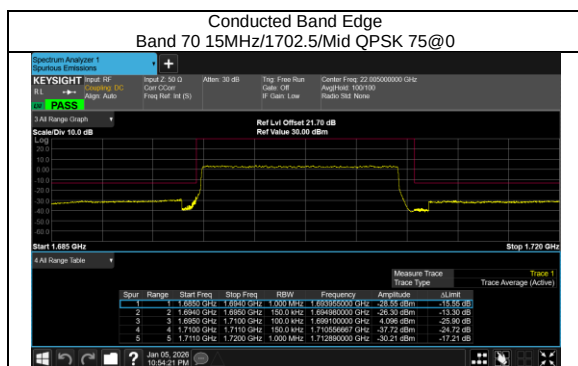
Test Graphs













Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jake	Temperature :	21~25°C
		Relative Humidity :	51~53%

N70 SA / NR 15MHz / QPSK(ANT3) 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)
Middle	3390	-57.38	-13	-44.38	-68.12	2.604	13.34	H
	5085	-43.72	-13	-30.72	-54.23	3.011	13.52	H
	6780	-55.26	-13	-42.26	-65.46	3.271	13.47	H
	3390	-56.12	-13	-43.12	-66.86	2.604	13.34	V
	5085	-47.16	-13	-34.16	-57.67	3.011	13.52	V
	6780	-54.54	-13	-41.54	-64.74	3.271	13.47	V

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

N70 SA / NR 10MHz / QPSK(ANT3) 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)
Lowest	3390	-56.40	-13	-43.40	-67.14	2.604	13.34	H
	5085	-52.24	-13	-39.24	-62.75	3.011	13.52	H
	6780	-55.22	-13	-42.22	-65.42	3.271	13.47	H
	3390	-58.17	-13	-45.17	-68.91	2.604	13.34	V
	5085	-53.04	-13	-40.04	-63.55	3.011	13.52	V
	6780	-54.23	-13	-41.23	-64.43	3.271	13.47	V
Middle	3390	-54.12	-13	-41.12	-64.86	2.604	13.34	H
	5100	-49.95	-13	-36.95	-60.46	3.011	13.52	H
	6795	-55.00	-13	-42.00	-65.20	3.271	13.47	H
	3390	-58.08	-13	-45.08	-68.82	2.604	13.34	V
	5100	-51.36	-13	-38.36	-61.87	3.011	13.52	V
	6795	-55.20	-13	-42.20	-65.40	3.271	13.47	V
Highest	3405	-56.14	-13	-43.14	-66.88	2.604	13.34	H
	5100	-54.09	-13	-41.09	-64.60	3.011	13.52	H
	6795	-54.59	-13	-41.59	-64.79	3.271	13.47	H
	3405	-56.59	-13	-43.59	-67.33	2.604	13.34	V
	5100	-52.86	-13	-39.86	-63.37	3.011	13.52	V
	6795	-54.49	-13	-41.49	-64.69	3.271	13.47	V

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



N70 SA / NR 15MHz / QPSK(ANT2) 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)
Middle	3390	-56.41	-13	-43.41	-67.15	2.604	13.34	H
	5085	-52.09	-13	-39.09	-62.60	3.011	13.52	H
	6780	-52.98	-13	-39.98	-63.18	3.271	13.47	H
	3390	-56.64	-13	-43.64	-67.38	2.604	13.34	V
	5085	-53.37	-13	-40.37	-63.88	3.011	13.52	V
	6780	-52.83	-13	-39.83	-63.03	3.271	13.47	V

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

n70 SA / NR 10MHz / QPSK(ANT2) 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)
Lowest	3390	-57.05	-13	-44.05	-67.79	2.604	13.34	H
	5085	-52.18	-13	-39.18	-62.69	3.011	13.52	H
	6780	-52.54	-13	-39.54	-62.74	3.271	13.47	H
	3390	-57.04	-13	-44.04	-67.78	2.604	13.34	V
	5085	-51.41	-13	-38.41	-61.92	3.011	13.52	V
	6780	-50.82	-13	-37.82	-61.02	3.271	13.47	V
Middle	3390	-55.97	-13	-42.97	-66.71	2.604	13.34	H
	5100	-51.10	-13	-38.10	-61.61	3.011	13.52	H
	6795	-53.00	-13	-40.00	-63.20	3.271	13.47	H
	3390	-57.42	-13	-44.42	-68.16	2.604	13.34	V
	5100	-50.30	-13	-37.30	-60.81	3.011	13.52	V
	6795	-51.79	-13	-38.79	-61.99	3.271	13.47	V
Highest	3405	-57.02	-13	-44.02	-67.76	2.604	13.34	H
	5100	-51.36	-13	-38.36	-61.87	3.011	13.52	H
	6795	-53.21	-13	-40.21	-63.41	3.271	13.47	H
	3405	-56.60	-13	-43.60	-67.34	2.604	13.34	V
	5100	-51.18	-13	-38.18	-61.69	3.011	13.52	V
	6795	-51.63	-13	-38.63	-61.83	3.271	13.47	V

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



n25 SA / NR 40MHz / QPSK(ANT3) 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)
Lowest	3701	-61.56	-13	-48.56	-68.32	5.82	12.58	H
	5551.5	-59.85	-13	-46.85	-65.57	7.28	13.00	H
	7402	-55.51	-13	-42.51	-58.67	8.32	11.48	H
	3701	-61.59	-13	-48.59	-68.35	5.82	12.58	V
	5551.5	-59.51	-13	-46.51	-65.23	7.28	13.00	V
	7402	-55.94	-13	-42.94	-59.10	8.32	11.48	V
Middle	3726	-61.33	-13	-48.33	-68.08	5.85	12.60	H
	5589	-59.61	-13	-46.61	-65.41	7.30	13.10	H
	7452	-55.14	-13	-42.14	-58.29	8.35	11.50	H
	3726	-61.31	-13	-48.31	-68.06	5.85	12.60	V
	5589	-59.35	-13	-46.35	-65.15	7.30	13.10	V
	7452	-55.79	-13	-42.79	-58.94	8.35	11.50	V
Highest	3751	-61.08	-13	-48.08	-67.82	5.88	12.62	H
	5626.5	-58.46	-13	-45.46	-64.27	7.32	13.13	H
	7502	-55.78	-13	-42.78	-58.94	8.38	11.54	H
	3751	-60.87	-13	-47.87	-67.61	5.88	12.62	V
	5626.5	-59.10	-13	-46.10	-64.91	7.32	13.13	V
	7502	-55.43	-13	-42.43	-58.59	8.38	11.54	V

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



EN-DC_12A_n25A / LTE 10MHz + NR 40MHz / QPSK (ANT1+3) Main PA								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n25 Lowest	3701	-60.50	-13	-47.50	-67.26	5.82	12.58	H
	5551.5	-56.38	-13	-43.38	-62.10	7.28	13.00	H
	7402	-55.01	-13	-42.01	-58.17	8.32	11.48	H
	3701	-61.21	-13	-48.21	-67.97	5.82	12.58	V
	5551.5	-55.37	-13	-42.37	-61.09	7.28	13.00	V
	7402	-55.48	-13	-42.48	-58.64	8.32	11.48	V
LTE Band12 Lowest	1406	-62.28	-13	-49.28	-65.51	3.98	9.36	H
	2109	-49.69	-13	-36.69	-53.24	4.85	10.55	H
	2812	-61.90	-13	-48.90	-66.83	5.50	12.58	H
	1406	-64.45	-13	-51.45	-67.68	3.98	9.36	V
	2109	-54.94	-13	-41.94	-58.49	4.85	10.55	V
	2812	-61.57	-13	-48.57	-66.50	5.50	12.58	V
NR n25 Middle	3726	-60.92	-13	-47.92	-67.67	5.85	12.60	H
	5589	-59.31	-13	-46.31	-65.11	7.30	13.10	H
	7452	-55.23	-13	-42.23	-58.38	8.35	11.50	H
	3726	-61.11	-13	-48.11	-67.86	5.85	12.60	V
	5589	-58.86	-13	-45.86	-64.66	7.30	13.10	V
	7452	-55.42	-13	-42.42	-58.57	8.35	11.50	V
LTE Band12 Middle	1406	-60.46	-13	-47.46	-63.71	4.00	9.40	H
	2109	-47.26	-13	-34.26	-50.83	4.88	10.60	H
	2812	-61.95	-13	-48.95	-66.88	5.52	12.60	H
	1406	-63.91	-13	-50.91	-67.16	4.00	9.40	V
	2109	-51.82	-13	-38.82	-55.39	4.88	10.60	V
	2812	-61.70	-13	-48.70	-66.63	5.52	12.60	V
NR n25 Highest	3751	-61.15	-13	-48.15	-67.89	5.88	12.62	H
	5626.5	-53.27	-13	-40.27	-59.08	7.32	13.13	H
	7502	-55.48	-13	-42.48	-58.64	8.38	11.54	H
	3751	-60.65	-13	-47.65	-67.39	5.88	12.62	V
	5626.5	-55.61	-13	-42.61	-61.42	7.32	13.13	V
	7502	-55.24	-13	-42.24	-58.40	8.38	11.54	V
LTE Band12 Highest	1406	-63.16	-13	-50.16	-66.33	4.10	9.42	H
	2109	-49.22	-13	-36.22	-52.80	4.90	10.63	H
	2812	-62.01	-13	-49.01	-66.93	5.55	12.62	H
	1406	-64.68	-13	-51.68	-67.85	4.10	9.42	V
	2109	-55.18	-13	-42.18	-58.76	4.90	10.63	V
	2812	-61.63	-13	-48.63	-66.55	5.55	12.62	V

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



n25 SA / NR 40MHz / QPSK(ANT2) 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)
Lowest	3701	-61.50	-13	-48.50	-68.26	5.82	12.58	H
	5551.5	-59.55	-13	-46.55	-65.27	7.28	13.00	H
	7402	-55.51	-13	-42.51	-58.67	8.32	11.48	H
	3701	-60.75	-13	-47.75	-67.51	5.82	12.58	V
	5551.5	-59.20	-13	-46.20	-64.92	7.28	13.00	V
	7402	-55.77	-13	-42.77	-58.93	8.32	11.48	V
Middle	3726	-60.26	-13	-47.26	-67.01	5.85	12.60	H
	5589	-59.37	-13	-46.37	-65.17	7.30	13.10	H
	7452	-55.39	-13	-42.39	-58.54	8.35	11.50	H
	3726	-59.78	-13	-46.78	-66.53	5.85	12.60	V
	5589	-57.98	-13	-44.98	-63.78	7.30	13.10	V
	7452	-55.35	-13	-42.35	-58.50	8.35	11.50	V
Highest	3751	-61.02	-13	-48.02	-67.76	5.88	12.62	H
	5626.5	-58.78	-13	-45.78	-64.59	7.32	13.13	H
	7502	-55.65	-13	-42.65	-58.81	8.38	11.54	H
	3751	-60.57	-13	-47.57	-67.31	5.88	12.62	V
	5626.5	-59.28	-13	-46.28	-65.09	7.32	13.13	V
	7502	-55.69	-13	-42.69	-58.85	8.38	11.54	V

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



EN-DC_12A_n25A / LTE 10MHz + NR 40MHz / QPSK (ANT1+2) PA Reference Designator								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n25 Lowest	3701	-61.92	-13	-48.92	-68.68	5.82	12.58	H
	5551.5	-54.32	-13	-41.32	-60.04	7.28	13.00	H
	7402	-55.90	-13	-42.90	-59.06	8.32	11.48	H
	3701	-62.19	-13	-49.19	-68.95	5.82	12.58	V
	5551.5	-55.38	-13	-42.38	-61.10	7.28	13.00	V
	7402	-56.18	-13	-43.18	-59.34	8.32	11.48	V
LTE Band12 Lowest	1406	-61.25	-13	-48.25	-64.48	3.98	9.36	H
	2109	-46.82	-13	-33.82	-50.37	4.85	10.55	H
	2812	-61.71	-13	-48.71	-66.64	5.50	12.58	H
	1406	-64.34	-13	-51.34	-67.57	3.98	9.36	V
	2109	-52.98	-13	-39.98	-56.53	4.85	10.55	V
	2812	-62.07	-13	-49.07	-67.00	5.50	12.58	V
NR n25 Middle	3726	-61.57	-13	-48.57	-68.32	5.85	12.60	H
	5589	-55.48	-13	-42.48	-61.28	7.30	13.10	H
	7452	-55.87	-13	-42.87	-59.02	8.35	11.50	H
	3726	-61.83	-13	-48.83	-68.58	5.85	12.60	V
	5589	-55.29	-13	-42.29	-61.09	7.30	13.10	V
	7452	-56.02	-13	-43.02	-59.17	8.35	11.50	V
LTE Band12 Middle	1406	-60.58	-13	-47.58	-63.83	4.00	9.40	H
	2109	-46.94	-13	-33.94	-50.51	4.88	10.60	H
	2812	-61.73	-13	-48.73	-66.66	5.52	12.60	H
	1406	-63.92	-13	-50.92	-67.17	4.00	9.40	V
	2109	-51.35	-13	-38.35	-54.92	4.88	10.60	V
	2812	-61.97	-13	-48.97	-66.90	5.52	12.60	V
NR n25 Highest	3751	-61.29	-13	-48.29	-68.03	5.88	12.62	H
	5626.5	-53.75	-13	-40.75	-59.56	7.32	13.13	H
	7502	-55.90	-13	-42.90	-59.06	8.38	11.54	H
	3751	-61.41	-13	-48.41	-68.15	5.88	12.62	V
	5626.5	-55.26	-13	-42.26	-61.07	7.32	13.13	V
	7502	-55.84	-13	-42.84	-59.00	8.38	11.54	V
LTE Band12 Highest	1406	-60.45	-13	-47.45	-63.62	4.10	9.42	H
	2109	-47.28	-13	-34.28	-50.86	4.90	10.63	H
	2812	-61.70	-13	-48.70	-66.62	5.55	12.62	H
	1406	-64.48	-13	-51.48	-67.65	4.10	9.42	V
	2109	-51.77	-13	-38.77	-55.35	4.90	10.63	V
	2812	-61.80	-13	-48.80	-66.72	5.55	12.62	V

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

n25 UL MIMO / NR 40MHz / QPSK(ANT3+ANT2)								
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)
Lowest	3701	-61.24	-13	-48.24	-68.00	5.82	12.58	H
	5551.5	-59.40	-13	-46.40	-65.12	7.28	13.00	H
	7402	-55.52	-13	-42.52	-58.68	8.32	11.48	H
	3701	-60.87	-13	-47.87	-67.63	5.82	12.58	V
	5551.5	-58.60	-13	-45.60	-64.32	7.28	13.00	V
	7402	-55.54	-13	-42.54	-58.70	8.32	11.48	V
Middle	3726	-60.40	-13	-47.40	-67.15	5.85	12.60	H
	5589	-59.31	-13	-46.31	-65.11	7.30	13.10	H
	7452	-55.68	-13	-42.68	-58.83	8.35	11.50	H
	3726	-60.82	-13	-47.82	-67.57	5.85	12.60	V
	5589	-59.04	-13	-46.04	-64.84	7.30	13.10	V
	7452	-55.64	-13	-42.64	-58.79	8.35	11.50	V
Highest	3751	-59.82	-13	-46.82	-66.56	5.88	12.62	H
	5626.5	-58.17	-13	-45.17	-63.98	7.32	13.13	H
	7502	-55.44	-13	-42.44	-58.60	8.38	11.54	H
	3751	-60.73	-13	-47.73	-67.47	5.88	12.62	V
	5626.5	-58.81	-13	-45.81	-64.62	7.32	13.13	V
	7502	-55.46	-13	-42.46	-58.62	8.38	11.54	V

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

N66 SA / NR 45MHz / QPSK(ANT3) 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)
Lowest	3422	-62.19	-13	-49.19	-69.07	5.60	12.48	H
	5133	-59.84	-13	-46.84	-65.52	7.10	12.78	H
	6844	-57.30	-13	-44.30	-60.69	8.38	11.77	H
	3422	-61.33	-13	-48.33	-68.21	5.60	12.48	V
	5133	-58.94	-13	-45.94	-64.62	7.10	12.78	V
	6844	-56.49	-13	-43.49	-59.88	8.38	11.77	V
Middle	3447	-62.25	-13	-49.25	-69.10	5.65	12.50	H
	5170.5	-59.81	-13	-46.81	-65.48	7.13	12.80	H
	6894	-56.99	-13	-43.99	-60.39	8.40	11.80	H
	3447	-60.66	-13	-47.66	-67.51	5.65	12.50	V
	5170.5	-57.15	-13	-44.15	-62.82	7.13	12.80	V
	6894	-55.80	-13	-42.80	-59.20	8.40	11.80	V
Highest	3472	-62.04	-13	-49.04	-68.88	5.68	12.52	H
	5208	-59.66	-13	-46.66	-65.33	7.15	12.82	H
	6944	-56.04	-13	-43.04	-59.47	8.42	11.85	H
	3472	-61.88	-13	-48.88	-68.72	5.68	12.52	V
	5208	-59.15	-13	-46.15	-64.82	7.15	12.82	V
	6944	-55.83	-13	-42.83	-59.26	8.42	11.85	V

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



EN-DC_48A_n66A / LTE 20MHz + NR 45MHz / QPSK (ANT8+3) 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	3422	-56.45	-13	-43.45	-63.33	5.60	12.48	H
	5133	-61.39	-13	-48.39	-67.07	7.10	12.78	H
	6844	-61.42	-13	-48.42	-64.81	8.38	11.77	H
	3422	-60.20	-13	-47.20	-67.08	5.60	12.48	V
	5133	-59.97	-13	-46.97	-65.65	7.10	12.78	V
	6844	-60.69	-13	-47.69	-64.08	8.38	11.77	V
LTE Band48 Lowest	7232.00	-59.10	-40	-19.10	-62.40	8.30	11.60	H
	10848.00	-48.24	-40	-8.24	-49.76	10.48	12.00	H
	14464.00	-42.74	-40	-2.74	-44.44	11.80	13.50	H
	7232.00	-59.57	-40	-19.57	-62.87	8.30	11.60	V
	10848.00	-48.02	-40	-8.02	-49.54	10.48	12.00	V
	14464.00	-46.53	-40	-6.53	-48.23	11.80	13.50	V
NR n66 Middle	3447	-60.21	-13	-47.21	-67.06	5.65	12.50	H
	5170.5	-60.16	-13	-47.16	-65.83	7.13	12.80	H
	6894	-61.22	-13	-48.22	-64.62	8.40	11.80	H
	3447	-60.44	-13	-47.44	-67.29	5.65	12.50	V
	5170.5	-60.23	-13	-47.23	-65.90	7.13	12.80	V
	6894	-60.77	-13	-47.77	-64.17	8.40	11.80	V
LTE Band48 Middle	7232.00	-59.76	-40	-19.76	-63.06	8.30	11.60	H
	10848.00	-46.89	-40	-6.89	-48.41	10.48	12.00	H
	14464.00	-44.86	-40	-4.86	-46.56	11.80	13.50	H
	7232.00	-59.83	-40	-19.83	-63.13	8.30	11.60	V
	10848.00	-45.49	-40	-5.49	-47.01	10.48	12.00	V
	14464.00	-46.37	-40	-6.37	-48.07	11.80	13.50	V
NR n66 Highest	3472	-64.77	-13	-51.77	-71.61	5.68	12.52	H
	5208	-64.27	-13	-51.27	-69.94	7.15	12.82	H
	6944	-60.94	-13	-47.94	-64.37	8.42	11.85	H
	3472	-65.26	-13	-52.26	-72.10	5.68	12.52	V
	5208	-64.00	-13	-51.00	-69.67	7.15	12.82	V
	6944	-60.26	-13	-47.26	-63.69	8.42	11.85	V
LTE Band48 Highest	7232.00	-60.09	-40	-20.09	-63.39	8.30	11.60	H
	10848.00	-47.13	-40	-7.13	-48.65	10.48	12.00	H
	14464.00	-42.51	-40	-2.51	-44.21	11.80	13.50	H
	7232.00	-58.42	-40	-18.42	-61.72	8.30	11.60	V
	10848.00	-48.37	-40	-8.37	-49.89	10.48	12.00	V
	14464.00	-46.68	-40	-6.68	-48.38	11.80	13.50	V

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



N66 SA / NR 45MHz / QPSK(ANT2) 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)
Lowest	3422	-59.87	-13	-46.87	-66.75	5.60	12.48	H
	5133	-56.62	-13	-43.62	-62.30	7.10	12.78	H
	6844	-56.87	-13	-43.87	-60.26	8.38	11.77	H
	3422	-62.10	-13	-49.10	-68.98	5.60	12.48	V
	5133	-57.54	-13	-44.54	-63.22	7.10	12.78	V
	6844	-56.62	-13	-43.62	-60.01	8.38	11.77	V
Middle	3447	-61.66	-13	-48.66	-68.51	5.65	12.50	H
	5170.5	-55.51	-13	-42.51	-61.18	7.13	12.80	H
	6894	-56.53	-13	-43.53	-59.93	8.40	11.80	H
	3447	-61.29	-13	-48.29	-68.14	5.65	12.50	V
	5170.5	-54.86	-13	-41.86	-60.53	7.13	12.80	V
	6894	-56.31	-13	-43.31	-59.71	8.40	11.80	V
Highest	3472	-60.91	-13	-47.91	-67.75	5.68	12.52	H
	5208	-58.12	-13	-45.12	-63.79	7.15	12.82	H
	6944	-56.49	-13	-43.49	-59.92	8.42	11.85	H
	3472	-61.83	-13	-48.83	-68.67	5.68	12.52	V
	5208	-59.43	-13	-46.43	-65.10	7.15	12.82	V
	6944	-55.74	-13	-42.74	-59.17	8.42	11.85	V

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



EN-DC 48A_n66A / LTE 20MHz + NR 40MHz / QPSK (ANT6+2) 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	3422	-65.03	-13	-52.03	-71.91	5.60	12.48	H
	5133	-63.19	-13	-50.19	-68.87	7.10	12.78	H
	6844	-60.88	-13	-47.88	-64.27	8.38	11.77	H
	3422	-65.11	-13	-52.11	-71.99	5.60	12.48	V
	5133	-62.94	-13	-49.94	-68.62	7.10	12.78	V
	6844	-60.37	-13	-47.37	-63.76	8.38	11.77	V
LTE Band48 Lowest	7232.00	-59.55	-40	-19.55	-62.85	8.30	11.60	H
	10848.00	-54.43	-40	-14.43	-55.95	10.48	12.00	H
	14464.00	-44.32	-40	-4.32	-46.02	11.80	13.50	H
	7232.00	-59.11	-40	-19.11	-62.41	8.30	11.60	V
	10848.00	-53.26	-40	-13.26	-54.78	10.48	12.00	V
	14464.00	-48.09	-40	-8.09	-49.79	11.80	13.50	V
NR n66 Middle	3447	-64.70	-13	-51.70	-71.55	5.65	12.50	H
	5170.5	-63.65	-13	-50.65	-69.32	7.13	12.80	H
	6894	-60.34	-13	-47.34	-63.74	8.40	11.80	H
	3447	-64.98	-13	-51.98	-71.83	5.65	12.50	V
	5170.5	-63.32	-13	-50.32	-68.99	7.13	12.80	V
	6894	-60.21	-13	-47.21	-63.61	8.40	11.80	V
LTE Band48 Middle	7232.00	-59.69	-40	-19.69	-62.99	8.30	11.60	H
	10848.00	-54.65	-40	-14.65	-56.17	10.48	12.00	H
	14464.00	-42.08	-40	-2.08	-43.78	11.80	13.50	H
	7232.00	-58.84	-40	-18.84	-62.14	8.30	11.60	V
	10848.00	-54.36	-40	-14.36	-55.88	10.48	12.00	V
	14464.00	-48.24	-40	-8.24	-49.94	11.80	13.50	V
NR n66 Highest	3472	-64.69	-13	-51.69	-71.53	5.68	12.52	H
	5208	-63.72	-13	-50.72	-69.39	7.15	12.82	H
	6944	-59.98	-13	-46.98	-63.41	8.42	11.85	H
	3472	-64.95	-13	-51.95	-71.79	5.68	12.52	V
	5208	-63.51	-13	-50.51	-69.18	7.15	12.82	V
	6944	-59.35	-13	-46.35	-62.78	8.42	11.85	V
LTE Band48 Highest	7232.00	-59.62	-40	-19.62	-62.92	8.30	11.60	H
	10848.00	-54.66	-40	-14.66	-56.18	10.48	12.00	H
	14464.00	-43.43	-40	-3.43	-45.13	11.80	13.50	H
	7232.00	-59.06	-40	-19.06	-62.36	8.30	11.60	V
	10848.00	-54.74	-40	-14.74	-56.26	10.48	12.00	V
	14464.00	-47.84	-40	-7.84	-49.54	11.80	13.50	V

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



N66 UL MIMO / NR 45MHz / QPSK(ANT3+ANT2)								
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)
Lowest	3422	-60.66	-13	-47.66	-67.54	5.60	12.48	H
	5133	-52.10	-13	-39.10	-57.78	7.10	12.78	H
	6844	-56.64	-13	-43.64	-60.03	8.38	11.77	H
	3422	-61.00	-13	-48.00	-67.88	5.60	12.48	V
	5133	-52.06	-13	-39.06	-57.74	7.10	12.78	V
	6844	-56.39	-13	-43.39	-59.78	8.38	11.77	V
Middle	3447	-56.68	-13	-43.68	-63.53	5.65	12.50	H
	5170.5	-52.72	-13	-39.72	-58.39	7.13	12.80	H
	6894	-56.05	-13	-43.05	-59.45	8.40	11.80	H
	3447	-59.31	-13	-46.31	-66.16	5.65	12.50	V
	5170.5	-50.36	-13	-37.36	-56.03	7.13	12.80	V
	6894	-55.63	-13	-42.63	-59.03	8.40	11.80	V
Highest	3472	-56.81	-13	-43.81	-63.65	5.68	12.52	H
	5208	-53.69	-13	-40.69	-59.36	7.15	12.82	H
	6944	-56.22	-13	-43.22	-59.65	8.42	11.85	H
	3472	-61.32	-13	-48.32	-68.16	5.68	12.52	V
	5208	-55.85	-13	-42.85	-61.52	7.15	12.82	V
	6944	-55.64	-13	-42.64	-59.07	8.42	11.85	V

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