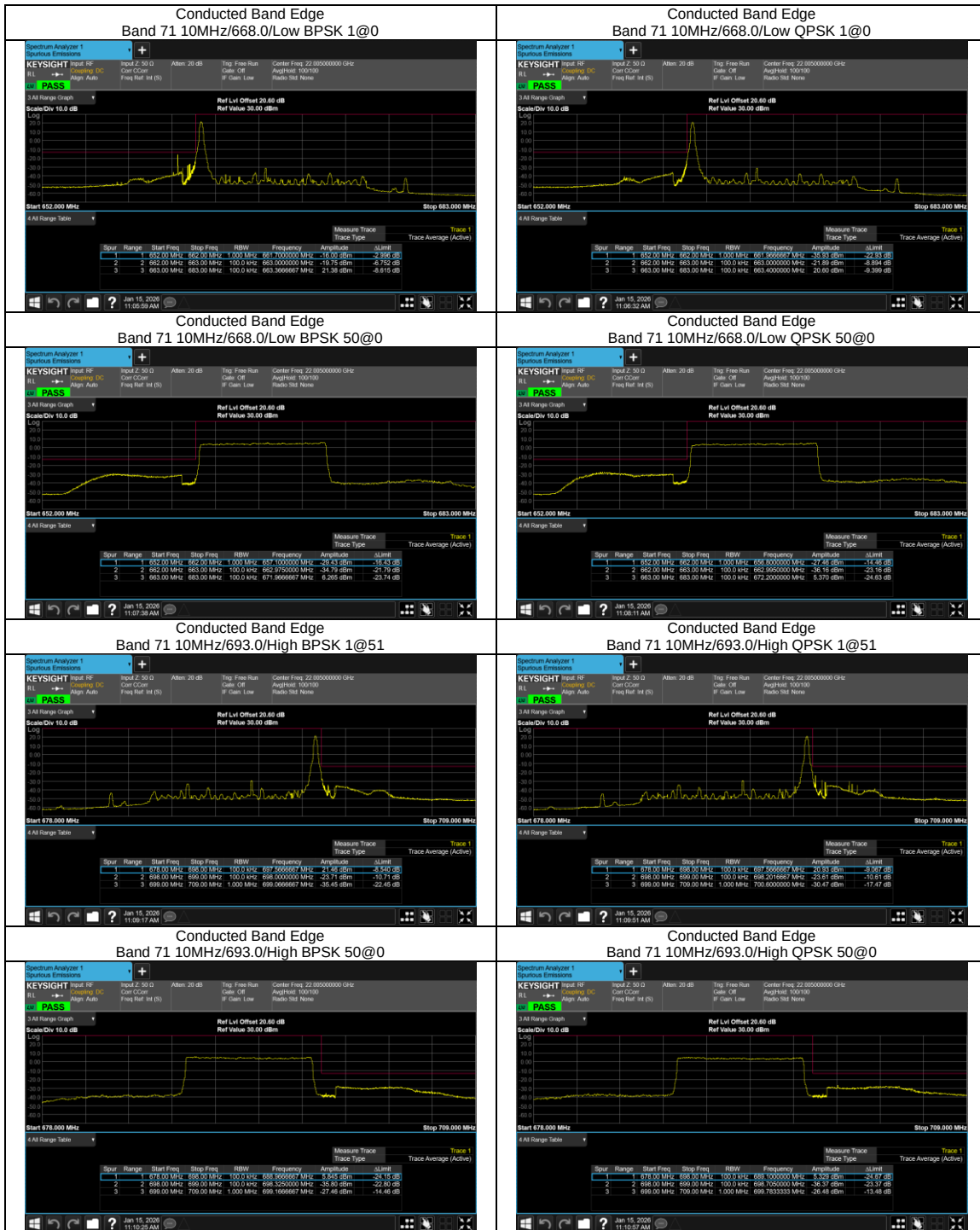
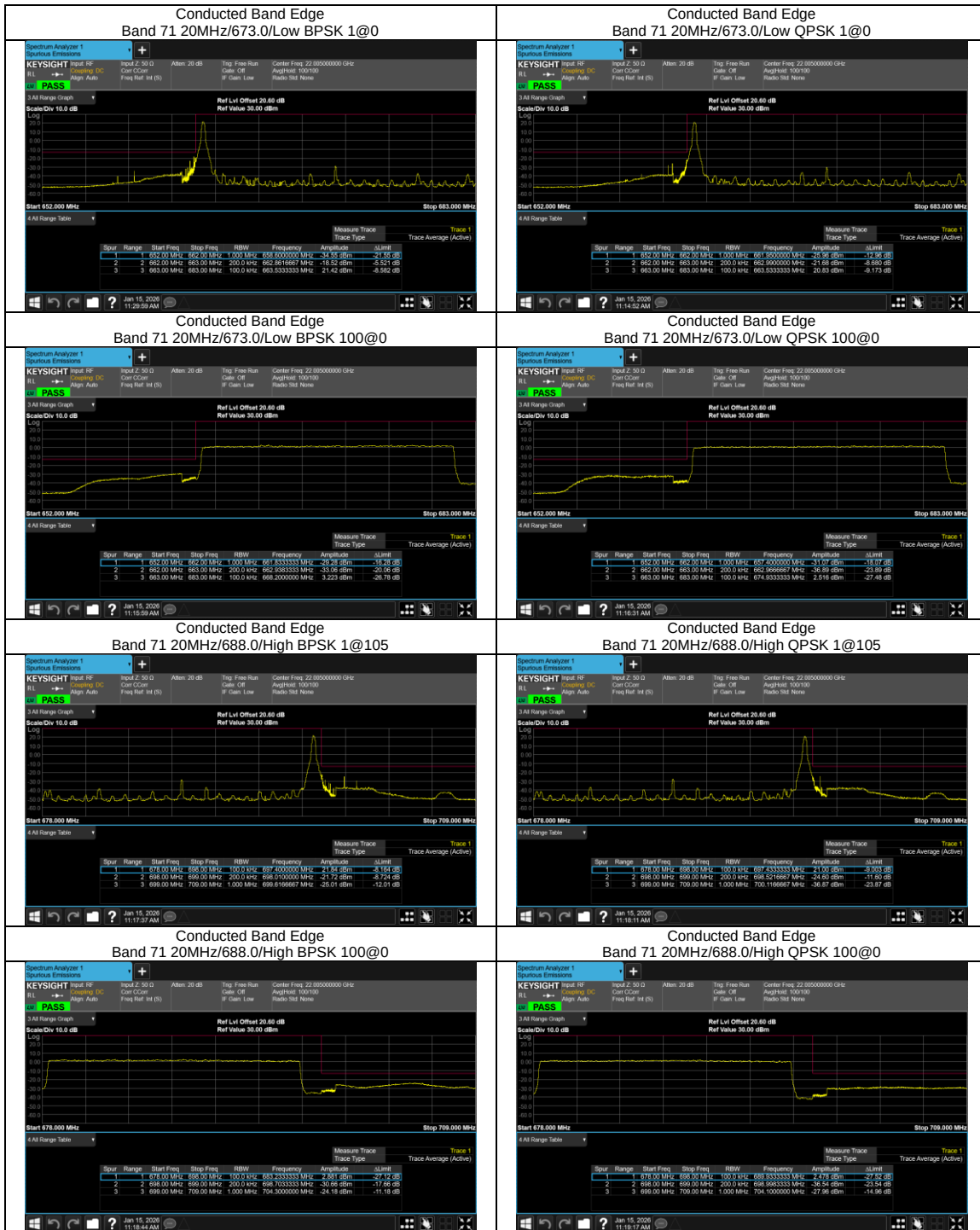








Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

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

DC_7A_n5A / NR 10MHz + 20MHz / QPSK(ANT4+ANT0)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1656	-59.78	-13	-46.78	-66.75	1.58	10.70	H
	2480	-58.65	-13	-45.65	-66.90	2.102	12.50	H
	3312	-57.90	-13	-44.90	-66.79	2.856	13.90	H
	1656	-61.76	-13	-48.76	-68.73	1.58	10.70	V
	2480	-57.21	-13	-44.21	-65.46	2.10	12.50	V
	3312	-58.19	-13	-45.19	-67.08	2.86	13.90	V

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

n26 SA / NR 20MHz / QPSK(ANT0)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1656	-62.48	-13	-49.48	-69.45	1.58	10.70	H
	2482	-54.51	-13	-41.51	-62.76	2.102	12.50	H
	3310.36	-57.64	-13	-44.64	-66.53	2.856	13.90	H
	1656	-62.24	-13	-49.24	-69.21	1.58	10.70	V
	2482.77	-56.80	-13	-43.80	-65.05	2.10	12.50	V
	3310.36	-57.56	-13	-44.56	-66.45	2.86	13.90	V

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



n12 SA / NR 15MHz / QPSK(ANT0)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1400	-65.08	-13	-52.08	-72.05	1.58	10.70	H
	2102.52	-61.21	-13	-48.21	-69.46	2.102	12.50	H
	2803.36	-56.84	-13	-43.84	-65.73	2.856	13.90	H
	1401.68	-64.37	-13	-51.37	-71.34	1.58	10.70	V
	2102.52	-60.09	-13	-47.09	-68.34	2.10	12.50	V
	2800	-56.61	-13	-43.61	-65.50	2.86	13.90	V

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

n71 SA / NR 20MHz / QPSK(ANT1)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1343.18	-65.02	-13	-52.02	-66.77	1.02	4.92	H
	2014.77	-60.62	-13	-47.62	-62.59	1.27	5.39	H
	2688	-57.79	-13	-44.79	-60.72	1.49	6.57	H
	1344	-64.06	-13	-51.06	-65.81	1.02	4.92	V
	2014.77	-59.98	-13	-46.98	-61.95	1.27	5.39	V
	2686.36	-57.39	-13	-44.39	-60.32	1.49	6.57	V

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