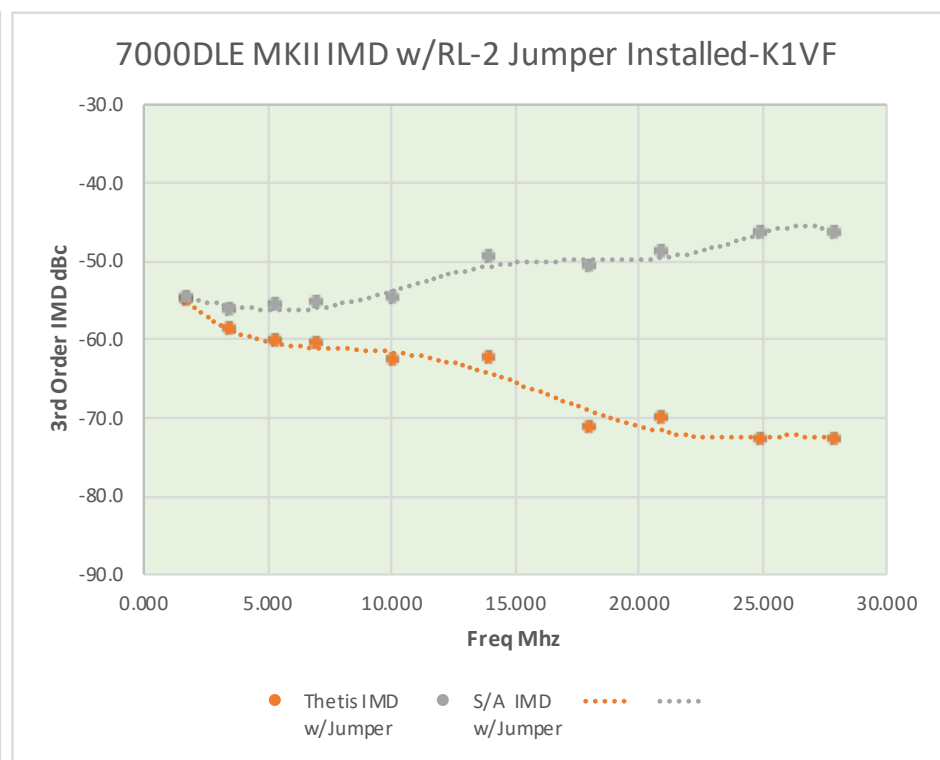
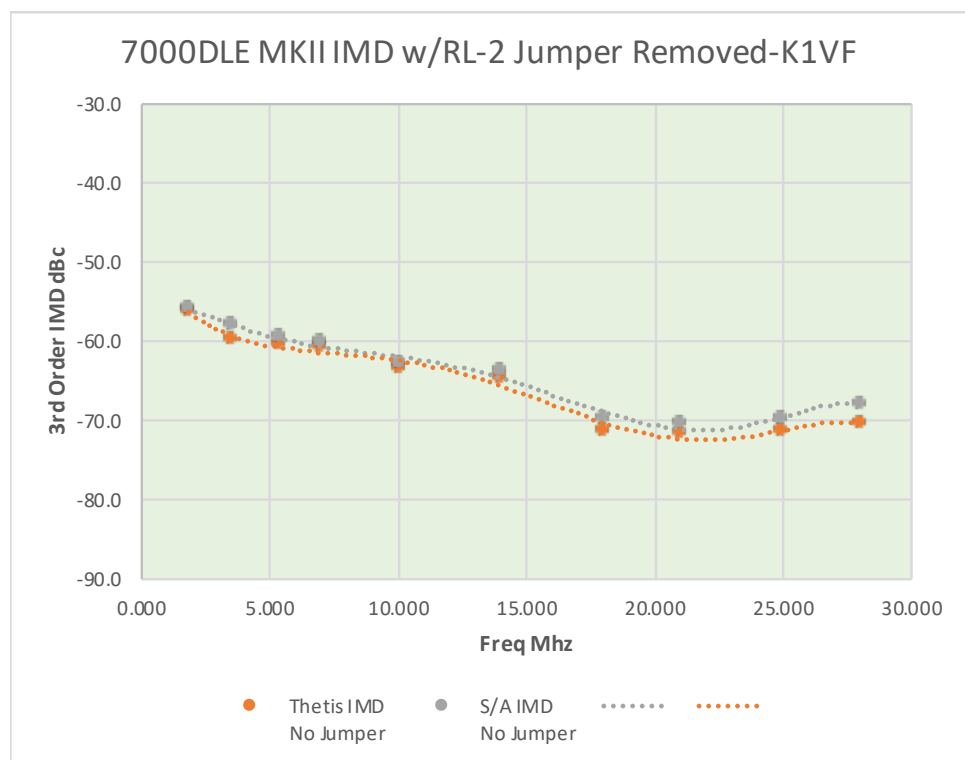
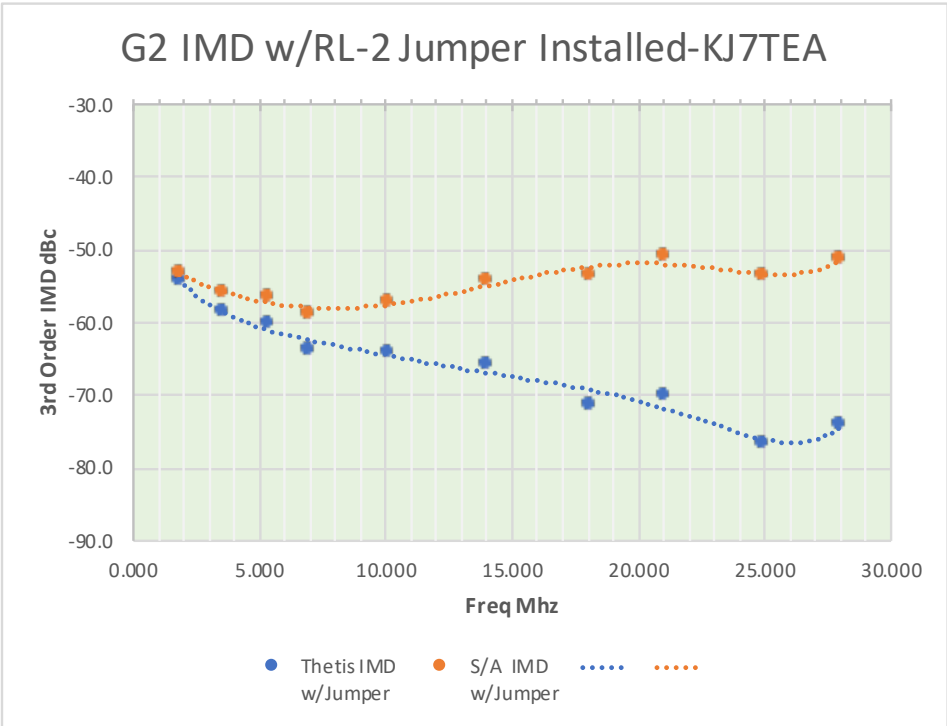
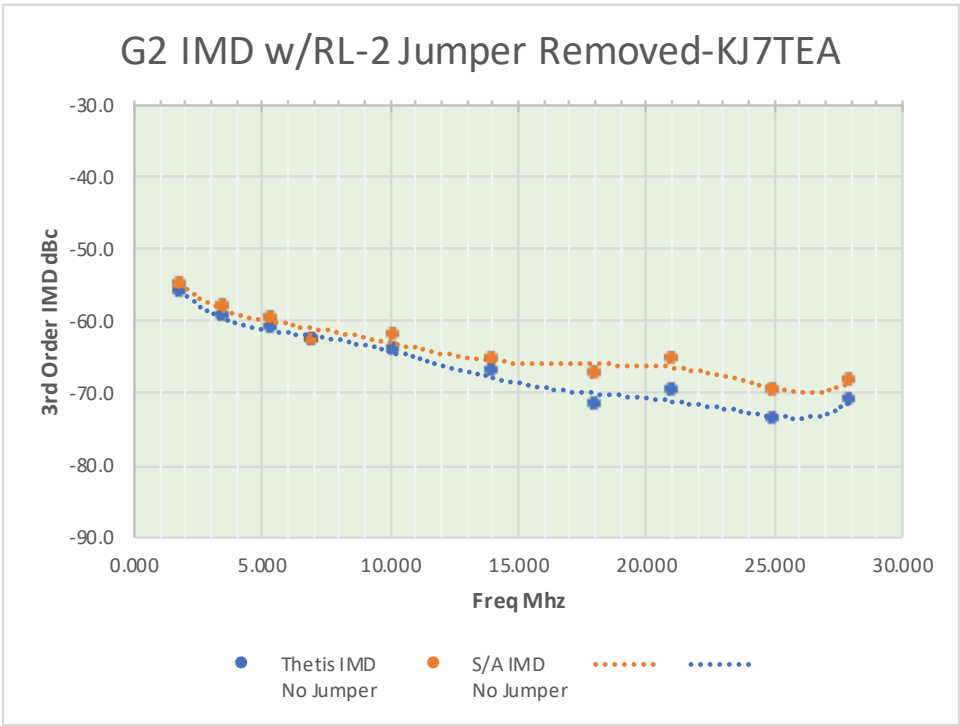


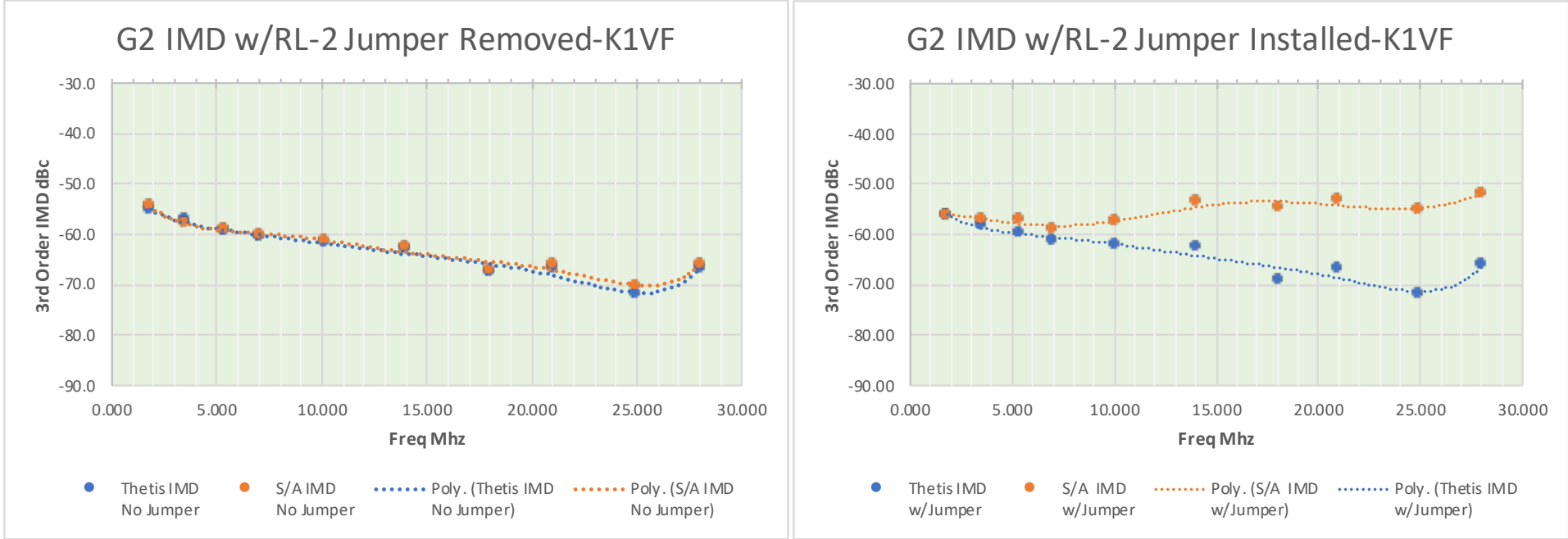
31-Jan-25									FINAL SUMMARY DATA	
Model	ANT Port	PureSignal Sample	RL-2 Jumper Removed			RL-2 Jumper Installed			7000DLE MKII 2019	
7000DLE MKII	1	EXTERNAL -46dB	Thetis IMD	S/A IMD	Delta	Thetis IMD	S/A IMD	Delta	Notes	K1VF
FREQ	Power	S-ATT	No Jumper	No Jumper	dB	w/Jumper	w/Jumper	dB		
Mhz	Watts	dB								
1.820	50	13	-56.1	-55.8	-0.3	-55.2	-54.9	-0.4	RX Bypass -46dB EXT Directional Coupler	
3.520	50	13	-59.7	-58.0	-1.7	-58.9	-56.4	-2.6	RX Bypass -46dB EXT Directional Coupler	
5.357	50	13	-60.5	-59.6	-0.9	-60.5	-55.8	-4.7	RX Bypass -46dB EXT Directional Coupler	
7.020	50	13	-60.8	-60.2	-0.6	-60.7	-55.5	-5.2	RX Bypass -46dB EXT Directional Coupler	
10.125	50	13	-63.5	-62.8	-0.8	-62.8	-54.7	-8.1	RX Bypass -46dB EXT Directional Coupler	
14.02	50	14	-64.5	-63.8	-0.7	-62.6	-49.6	-13.1	RX Bypass -46dB EXT Directional Coupler	
18.07	50	14	-71.3	-69.9	-1.4	-71.4	-50.8	-20.6	RX Bypass -46dB EXT Directional Coupler	
21.02	50	14	-71.7	-70.5	-1.2	-70.2	-49.1	-21.1	RX Bypass -46dB EXT Directional Coupler	
24.94	50	14	-71.4	-69.7	-1.7	-72.9	-46.6	-26.3	RX Bypass -46dB EXT Directional Coupler	
28.02	50	15	-70.3	-67.9	-2.4	-72.8	-46.7	-26.1	RX Bypass -46dB EXT Directional Coupler	



2-Feb-25									FINAL SUMMARY DATA	
Model	ANT Port	PureSignal Sample	RL-2 Jumper Removed			RL-2 Jumper Installed			G2 Purchased 2024	
G2	1	EXTERNAL -46dB	Thetis IMD	S/A IMD	Delta	Thetis IMD	S/A IMD	Delta	Notes	KJ7TEA
FREQ	Power	S-ATT	No Jumper	No Jumper	dB	w/Jumper	w/Jumper	dB		
Mhz	Watts	dB								
1.820	50	16	-55.9	-55.0	-0.9	-54.2	-53.4	-0.8	RX Bypass -46dB EXT Directional Coupler	
3.520	50	16	-59.3	-57.9	-1.4	-58.4	-55.9	-2.6	RX Bypass -46dB EXT Directional Coupler	
5.357	50	16	-61.1	-59.5	-1.6	-60.2	-56.5	-3.7	RX Bypass -46dB EXT Directional Coupler	
7.020	50	15	-62.7	-62.5	-0.2	-63.9	-58.9	-5.0	RX Bypass -46dB EXT Directional Coupler	
10.125	50	15	-64.1	-62.1	-2.0	-64.2	-57.3	-6.9	RX Bypass -46dB EXT Directional Coupler	
14.020	50	16	-67.0	-65.2	-1.8	-65.9	-54.4	-11.5	RX Bypass -46dB EXT Directional Coupler	
18.070	50	16	-71.7	-67.3	-4.4	-71.3	-53.4	-17.9	RX Bypass -46dB EXT Directional Coupler	
21.020	50	17	-69.7	-65.2	-4.5	-70.1	-51.1	-19.0	RX Bypass -46dB EXT Directional Coupler	
24.940	50	17	-73.6	-69.6	-4.0	-76.6	-53.6	-23.0	RX Bypass -46dB EXT Directional Coupler	
28.020	50	17	-70.9	-68.2	-2.7	-74.2	-51.3	-22.9	RX Bypass -46dB EXT Directional Coupler	



4-Feb-25									FINAL SUMMARY DATA	
Model	ANT Port	PureSignal Sample	RL-2 Jumper Removed			RL-2 Jumper Installed			G2 Purchased FEB 2025	
G2	1	EXTERNAL -46dB	Thetis IMD	S/A IMD	Delta	Thetis IMD	S/A IMD	Delta	Notes	K1VF
FREQ	Power	S-ATT	No Jumper	No Jumper	dB	w/Jumper	w/Jumper	dB		
Mhz	Watts	dB								
1.820	50	16	-55.3	-54.5	-0.8	-56.20	-56.10	-0.1	RX Bypass -46dB EXT Directional Coupler	
3.520	50	16	-57.1	-57.9	0.8	-58.40	-57.17	-1.2	RX Bypass -46dB EXT Directional Coupler	
5.357	50	16	-59.3	-59.0	-0.3	-59.60	-57.04	-2.6	RX Bypass -46dB EXT Directional Coupler	
7.020	50	15	-60.8	-60.4	-0.4	-61.20	-58.82	-2.4	RX Bypass -46dB EXT Directional Coupler	
10.125	50	15	-61.6	-61.4	-0.2	-62.20	-57.60	-4.6	RX Bypass -46dB EXT Directional Coupler	
14.020	50	16	-63.0	-62.6	-0.4	-62.70	-53.60	-9.1	RX Bypass -46dB EXT Directional Coupler	
18.070	50	16	-67.8	-67.1	-0.7	-69.10	-54.81	-14.3	RX Bypass -46dB EXT Directional Coupler	
21.020	50	17	-66.7	-65.9	-0.8	-66.80	-53.27	-13.5	RX Bypass -46dB EXT Directional Coupler	
24.940	50	17	-72.1	-70.5	-1.6	-71.90	-55.07	-16.8	RX Bypass -46dB EXT Directional Coupler	
28.020	50	17	-66.7	-66.0	-0.7	-66.20	-51.82	-14.4	RX Bypass -46dB EXT Directional Coupler	



G2 @ 50W FREQ MHZ	RL-2 ISOLATION dB @ 28.020 Mhz	Added Attenuation dB	Total ISOLATION dB	S/A IMD 3 (dB) Jumper plus ATT	Thetis IMD 3 (dB) Jumper plus ATT	IMD Improvement (dB) as Isolation Increases	Radio-S/A Difference (dB) as Isolation Increases	Notes
28.020	60	0.0	60.0	49.7	70.9	0.0	22.9	Jumper INSTALLED
28.020	60	10.0	70.0	55.0	68.6	5.3	13.6	RL-2 +10dB
28.020	60	20.0	80.0	61.8	70.2	12.1	8.4	RL-2 +10dB
28.020	60	30.0	90.0	65.6	71.0	15.9	5.4	RL-2 +30dB
28.020	60	>30	100.0	66.9	71.1	17.2	2.7	Jumper REMOVED

