

ENGINEERING TECHNICAL DOCUMENT

PARA/TO:	DE/FROM:
TIMCO	JLR
ORGANIZACIÓN/ORGANIZATION:	FECHA/DATE:
TIMCO	January 11th 2023
ASUNTO/SUBJECT:	Nº DE REFERENCIA / REFERENCE NUMBER:
EM2K Power and Spurious Test	IT-2023011101

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2. DESCRIPTION OF THE EUT

Identification	
FCC ID:	KEUEM2KDIG
Brief Description	2KW FM Broadcast Transmitter
Model	EM 2K HE CMT HP-PS
Serial Number	23801003

3. TEST EQUIPMENT USED

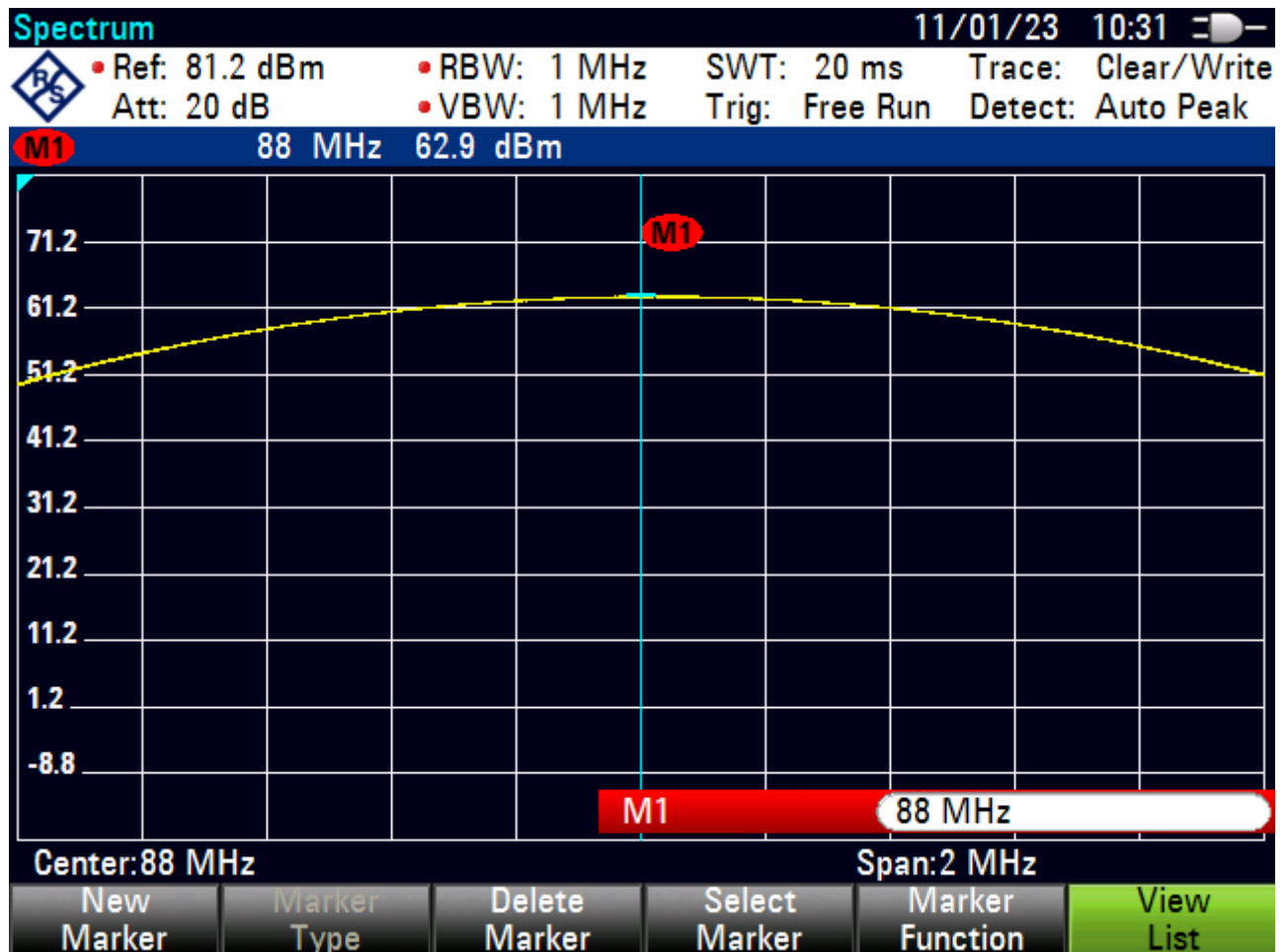
Test Equipment				
Device	Manufacturer	Model	Serial N#	Current Cal
Spectrum Analyzer	Rohde&Schwarz	FSH8 1309.6000K28	115896	2022-Oct-07

4. MEASUREMENTS

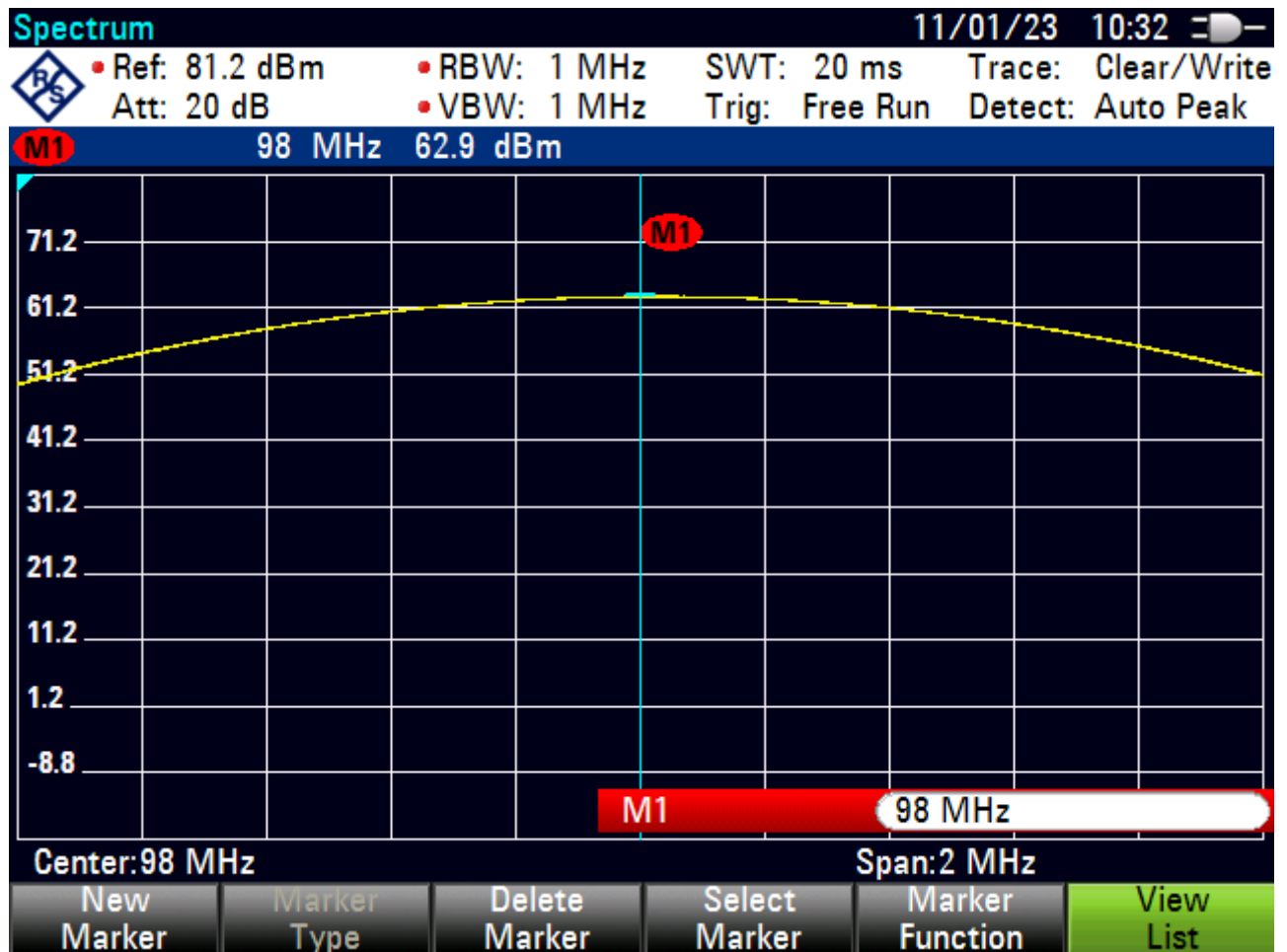
4.1. RF POWER OUTPUT

Frequency (MHz)	Power Output (dBm)	Power Output (W)
88	62.9	1949.84
98	62.9	1949.84
108	63	1995.26

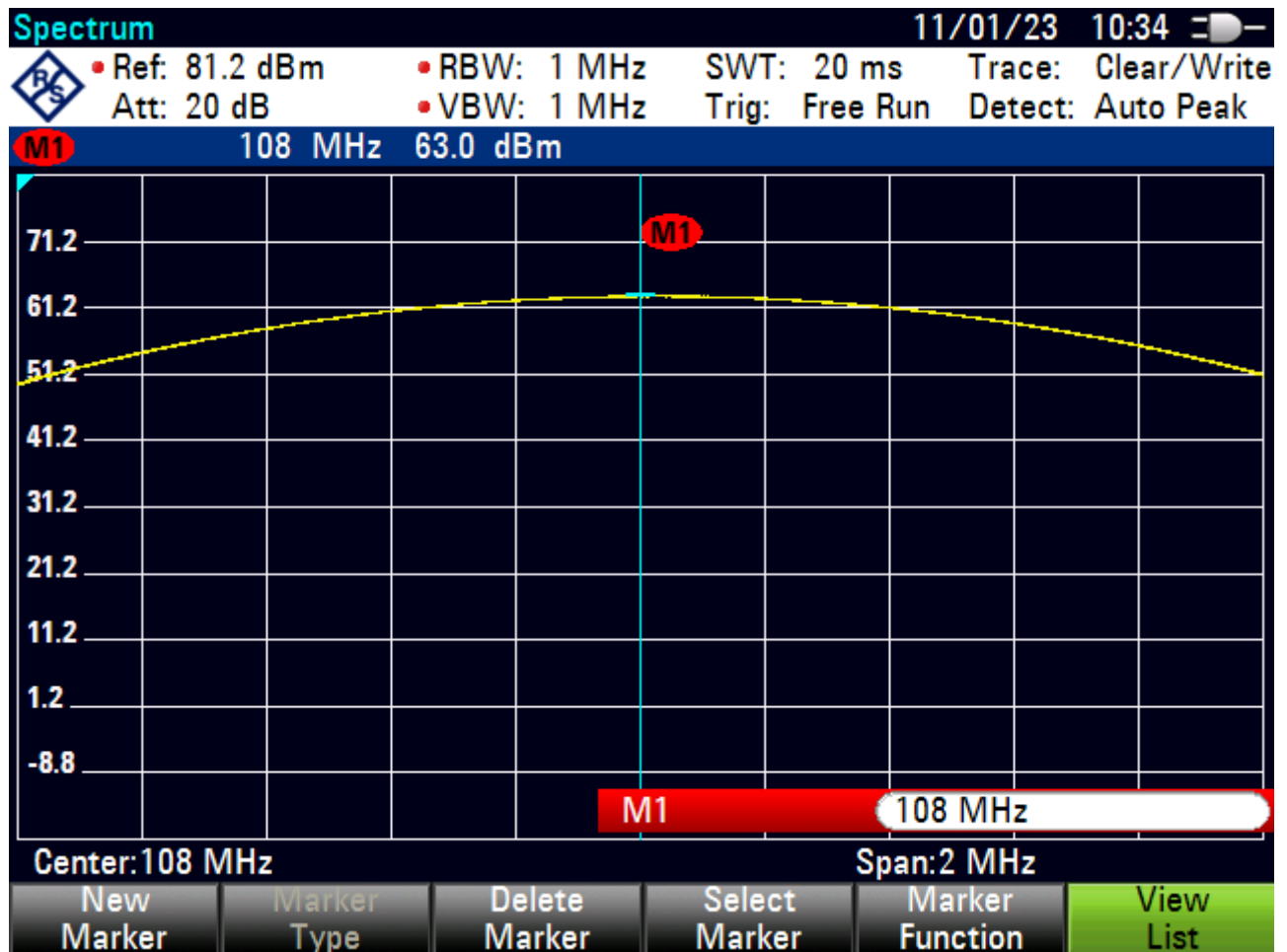
4.1.1. RF OUTPUT POWER PLOT, 88MHZ



4.1.2. RF OUTPUT POWER PLOT, 98MHZ

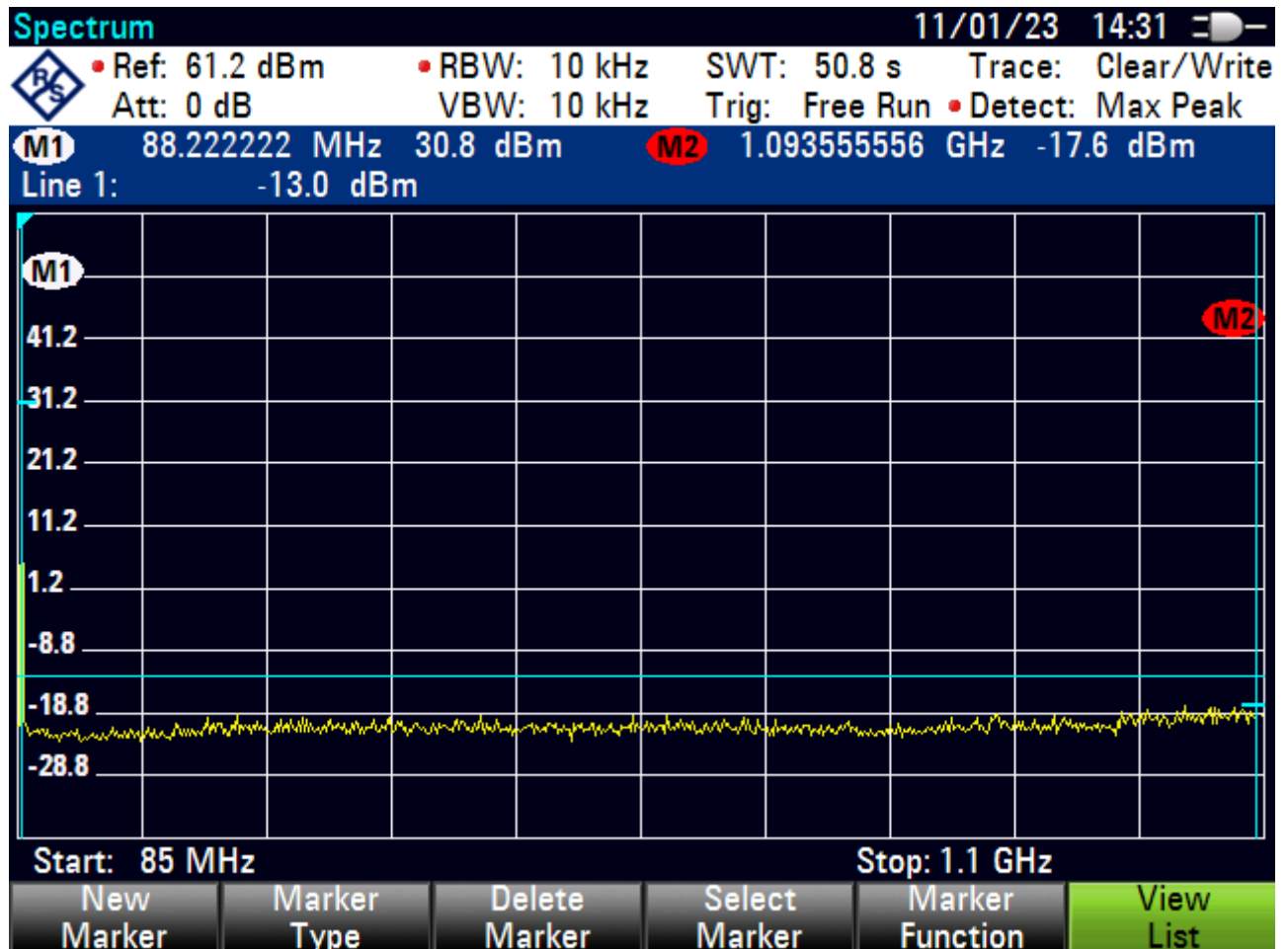


4.1.3. RF OUTPUT POWER PLOT, 108MHZ

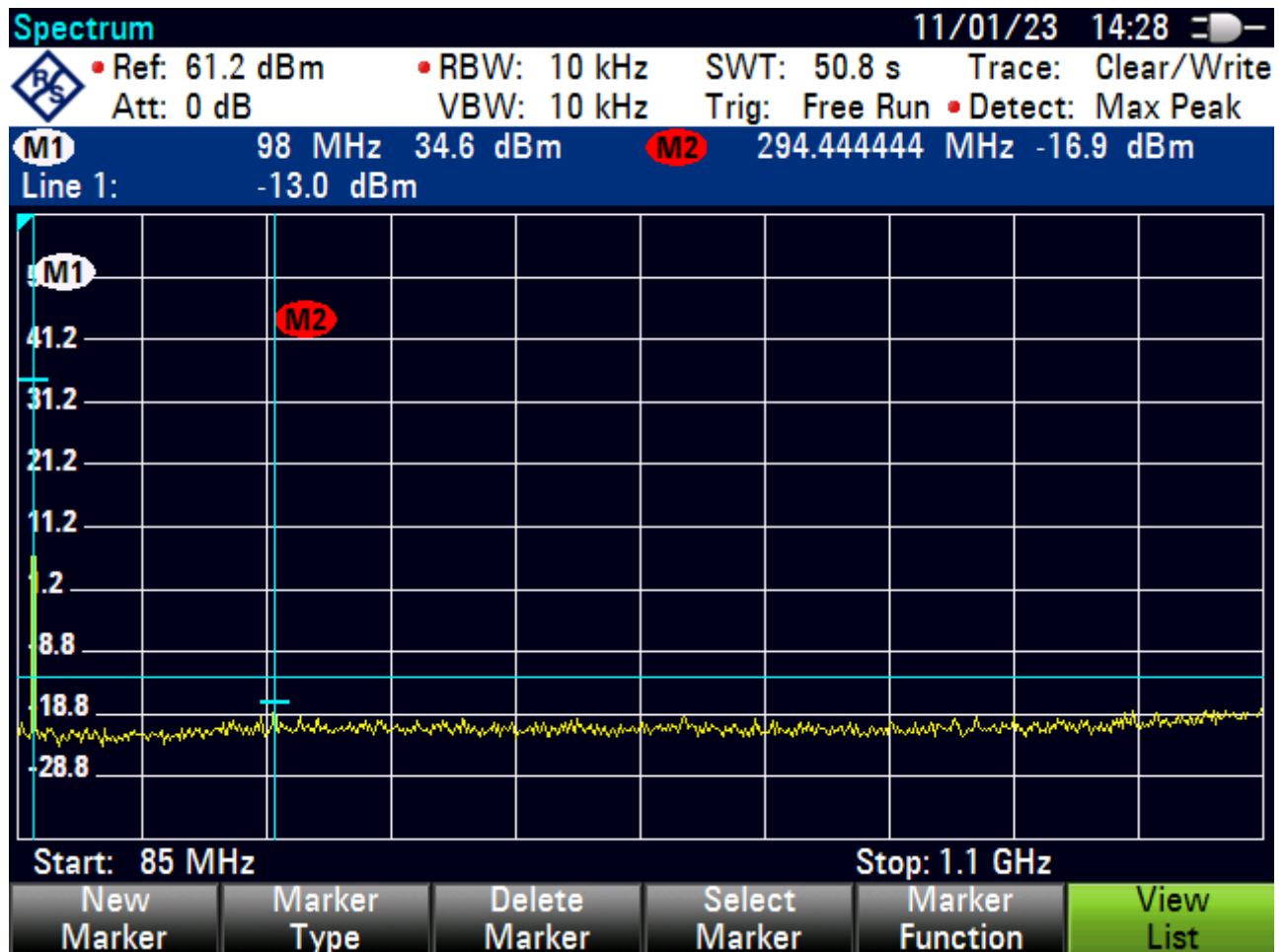


4.2. SPURIOUS EMISSIONS AT ANTENNA TERMINALS (CONDUCTED)

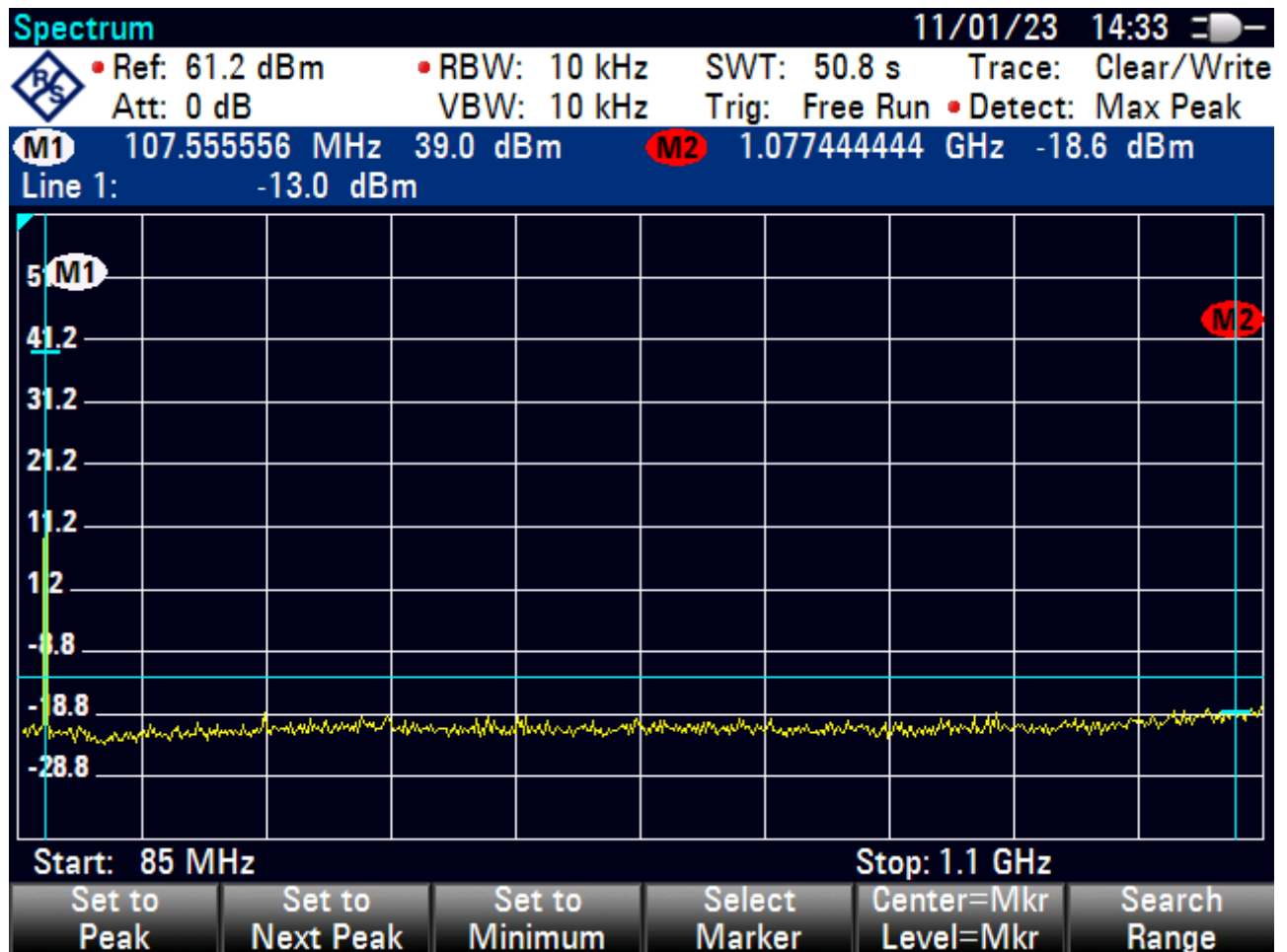
4.2.1. SPURIOUS EMISSIONS, 88MHZ



4.2.2. SPURIOUS EMISSIONS, 98MHZ



4.2.3. SPURIOUS EMISSIONS, 108MHZ



5. TEST SET PICTURES



