



Technical Security Branch (TSB) – OSCOR 5.0E File Management

Technical Security Specialist (TSS)

Level

Date (d-m-y):

Time (24 hour):

COMPLETE FOR EACH, TARGET AREA / ROOM / FLOOR / LEVEL OR BUILDING, AS INSPECTED BY TSB PERSONNEL DURING THE SWEEP INSPECTION VISIT.

Sweep Location – Description:

Client Contact:

Client Briefing:

TITLE	FILE FORMAT	ACTUAL FILE NAME	NOTES	TSB COMMENTS
Directory Folder	TSB-YYYYMMDD-000			
OPCJob Name	TSB-YYYYMMDD-001.OPCJob			
Auto Mode – File Names	YYYYMMDD-PEAK-1291-01.peak			
	YYYYMMDD-FRIENDLY-1291-01.frnd		Download to PC – Save Manually	
	YYYYMMDD-SPAN-1291-01.spans			
	YYYYMMDD-SIGNAL-1291-01.signal			
	YYYYMMDD-LOG-1291-01.rtf			
Trace Mode – File Names	YYYYMMDD-TRACE-1291-[AREA].peak			
Miscellaneous Files	Readme.txt		Include Client / Sweep Location Details	
Display Colour Code	RED - PEAK			
	GREEN - FRIENDLY			
	BLUE - SIGNAL			
Display (Trace Analysis) Separately	Set Each TRACE to Different Colour - PEAK		List Multiple Trace Names on Back of Form	
Report Printing	Print Setting – No Page Numbers			
	Bands (1 / 2 / 3 / 4 / 5) + Signal List			
	Display (Spectrum Segments of Interest)		No Additional Signal List Required	
FILE FORMAT EXPLANATION	YYYYMMDD (File Date Format)	PEAK (Trace Identification Name)	1291 (OSCOR Serial Number)	01 (Sweep Location Identification)

OSCOR 5.0 ENHANCED – RECOMMENDED SWEEP MANAGEMENT PROCEDURE					
OSCOR INITIAL SETUP	✓	COMMENTS	MANUAL REVIEW	✓	COMMENTS
Sweep Location 01 (Primary / Auto Mode)			Signal Review and Threat Verification		
Sweep Location 02 (Secondary / Auto Mode)			SubC		
Sweep Location 03 (Other / Auto Mode)			Video Signals		
Automatic Antenna / Probe Array		Ensure RF Whip / IR Probe Extended	Video – 2.4 GHz		
AC Power		VLF Detection Requires AC Connection	Snuggle Analysis		
PC USB Connection		TSB Laptop	Tape Recorder Detection		Not Valid (Digital / Non-Bias Oscillator TR)
Application Software		OPC Version 5.0 Enhanced	RF / LOOP (10 kHz – 510 kHz)		
File Management Setup		TSB Standard	RF / WhipL (500 kHz – 5.5 MHz)		
External – Video Monitor			RF / WhipH (5 MHz – 1505 MHz)		
Trace Analysis Mode		Each Room / Area	RF / DISC (1505 MHz – 3005 MHz)		
Auto Capture Mode		Central Location (APD Dependant)	MDC-2100 (3 GHz – 21 GHz)		
PROGRAMMING	✓	COMMENTS	INFRARED / LASER (10 kHz – 5 MHz)		850 – 1050 nm
Clear Memory / Traces		Do NOT Clear Friendly Trace	AC VLF (10 kHz – 5 MHz)		OSCOR Must be Connected to AC Power Source
Tone Ringer (Medium – Recommended)		Low / Medium / Loud	VLF – Other (10 kHz – 5 MHz)		
Plot Style (2 Line – Recommended)		1 Line / 2 Line / Block / Chart / OFF	Harmonic / LO Analysis		
Audio Reference System			Oscilloscope Audio Analysis		
Receiver Attenuation		OFF – Normal / ON – High RF Environment	Acoustic Correlator (Manual) OSCOR		
Date / Time		Synchronize with PC	PC Based Acoustic Correlation (PC)		
File Name (Upload to OSCOR)			Plotter – Manual		
Friendly Trace – Single / Quadrant		1 Km – Single Zone / 1 Km – Quadrant Sectors	Triangulate & Locate		
OSCOR / PC Acoustic Correlator			Balanced Audio (Audio Leakage)		Hot Microphone / Ringer / Hook Switch Bypass
SPAN Setup / Activation		OFF / Fast Skim / Med Hunt / Deep Dig / Trace	External – Tactical Antenna Array (TAA) 01		Tactical Array (Antenna / Pre-Amplifier Mix)
Tape Recorder Output / Audio Logging		Active / Record Sample Time	External – Tactical Antenna Array (TAA) 02		Discone (3 GHz)
External – Known Sound Source (KSS)					
AUTO / TRACE MODE	✓	COMMENTS	SPECIAL THREATS	✓	COMMENTS
Number of Cycles – Auto Mode		TSB Standard – Minimum 3 / 5 Cycles	Spread Spectrum		
Number of Cycles – Trace Analysis		TSB Standard – Minimum 15 Cycles	Burst Transmitters		Determine Burst Parameters
			Frequency Hopping		Determine FH Format
			Voice / Speech Inversion		
			Unintentional Radiators		Fluorescent Lights / Computers / Monitors, etc.
			Sub-Carrier Audio (SCA)		