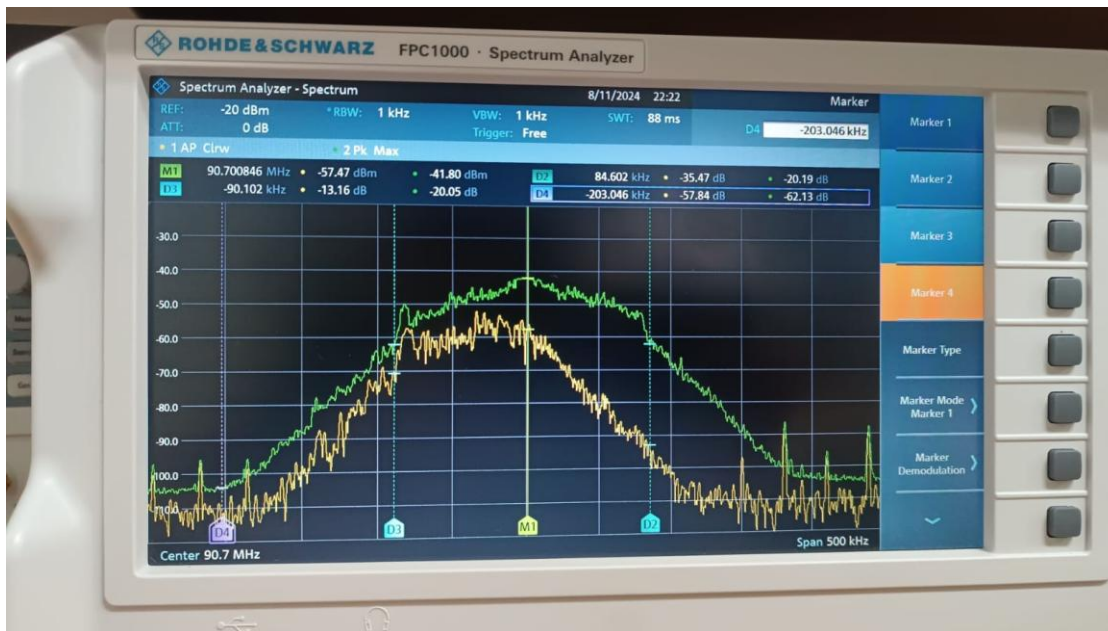


90.7

$$BW = 84.602 \text{ kHz} + 90.102 \text{ kHz} = 174.704 \text{ kHz}$$

$$PN_{\text{ref}} = -41.8 \text{ dBm} - 62.13 \text{ dB} = -103.93 \text{ dBm}$$

$$NF = -103 - 10\log_{10}(1\text{kHz}/1\text{Hz}) = -133 \text{ dBm/Hz}$$

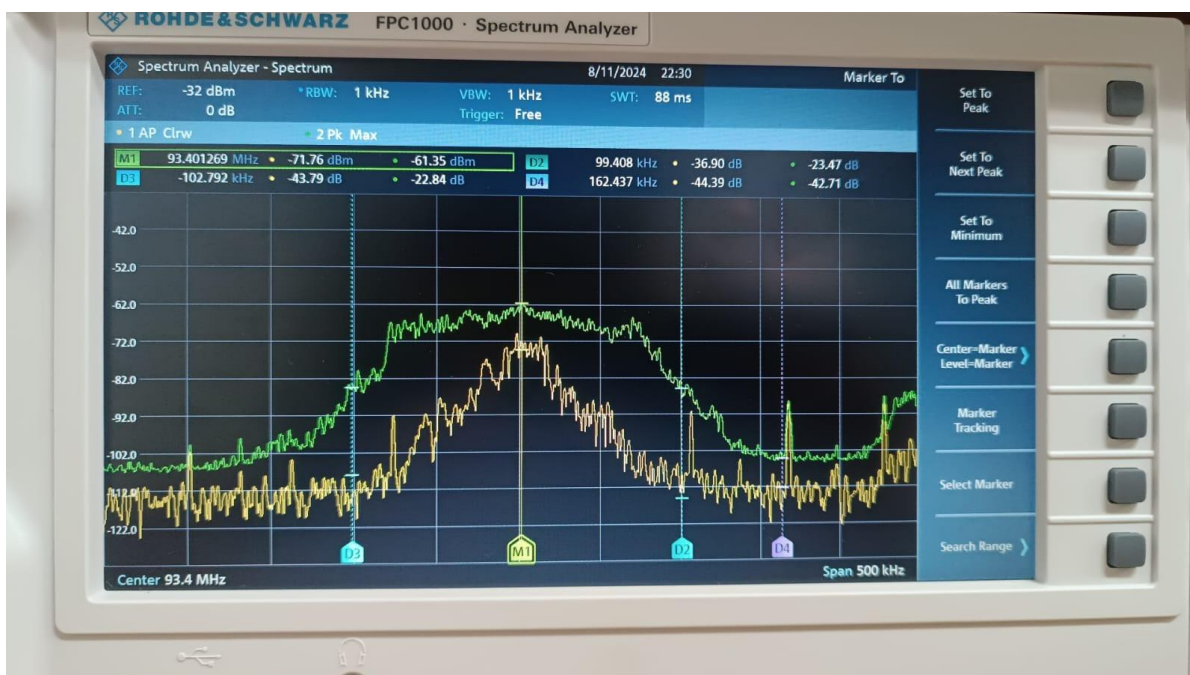


93.4

$$BW = 99.408 \text{ kHz} + 102.792 \text{ kHz} = 202.2 \text{ kHz}$$

$$PN_{\text{ref}} = -61.35 \text{ dBm} - 42.71 \text{ dB} = -104.06 \text{ dBm}$$

$$NF = -104.06 - 10\log_{10}(1\text{kHz}/1\text{Hz}) = -134.06 \text{ dBm/Hz}$$

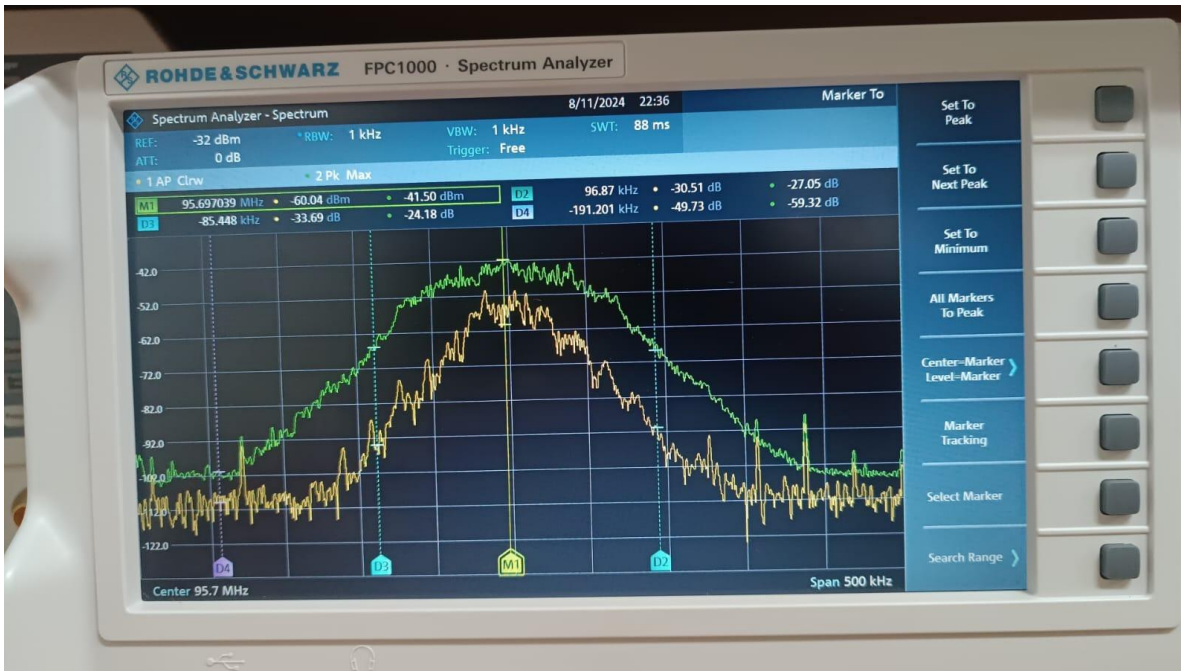


95.7

$$BW = 96.87 \text{ kHz} + 85.448 \text{ kHz} = 182.318 \text{ kHz}$$

$$PN_{ref} = -41.5 \text{ dBm} - 59.32 \text{ dB} = -100.82 \text{ dBm}$$

$$NF = -100.82 - 10\log_{10}(1\text{kHz}/1\text{Hz}) = -130.82 \text{ dBm/Hz}$$

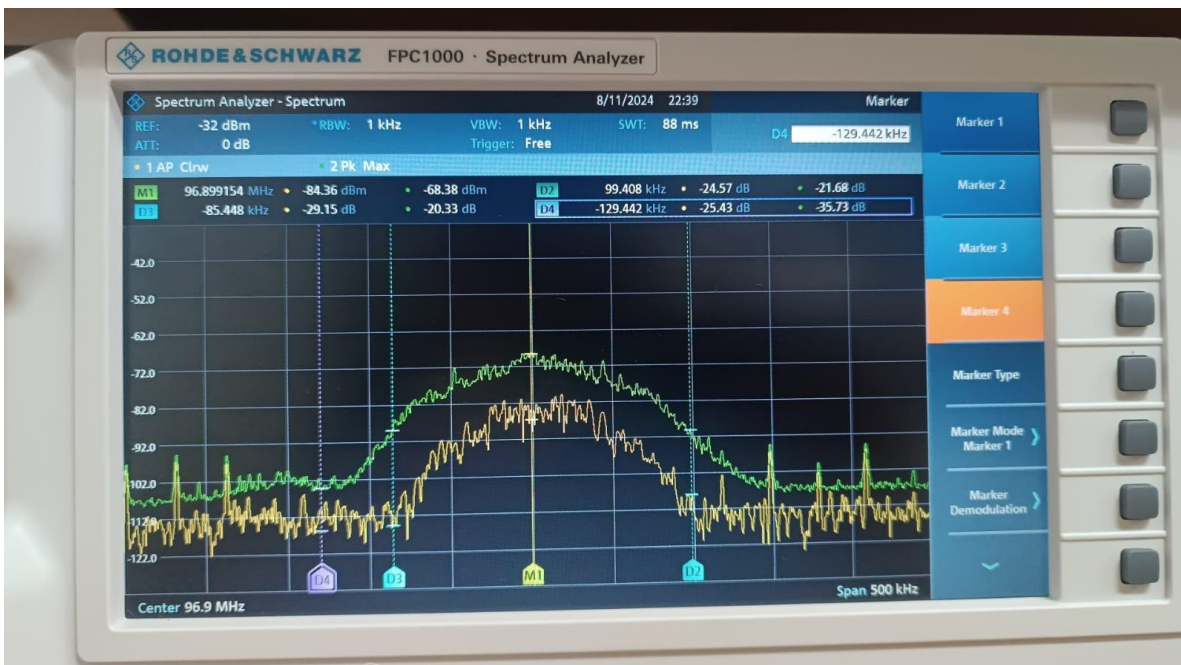


96.9

$$BW = 99.408 \text{ kHz} + 85.448 \text{ kHz} = 184.856 \text{ kHz}$$

$$PN_{ref} = -68.38 \text{ dBm} - 35.73 \text{ dB} = -104.11 \text{ dBm}$$

$$NF = -104.11 - 10\log_{10}(1\text{kHz}/1\text{Hz}) = -134.11 \text{ dBm/Hz}$$

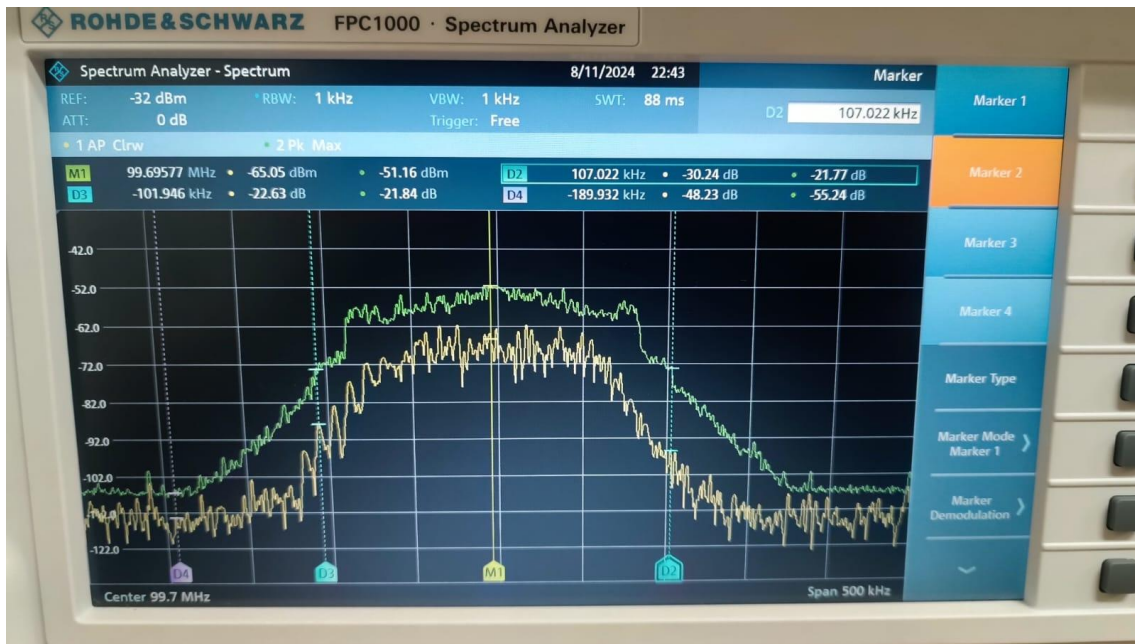


99.7

$$BW = 107.022 \text{ kHz} + 101.946 \text{ kHz} = 208.968 \text{ kHz}$$

$$PN_{ref} = -51.16 \text{ dBm} - 55.24 \text{ dB} = -110.4 \text{ dBm}$$

$$NF = -110.4 - 10 \log_{10}(1 \text{ kHz}/1 \text{ Hz}) = -140.4 \text{ dBm/Hz}$$



99.2

$$BW = 92.64 \text{ kHz} + 90.102 \text{ kHz} = 182.742 \text{ kHz}$$

$$PN_{ref} = -65.91 \text{ dBm} - 41.34 \text{ dB} = -107.25 \text{ dBm}$$

$$NF = -107.25 - 10 \log_{10}(1 \text{ kHz}/1 \text{ Hz}) = -137.25 \text{ dBm/Hz}$$

