

The Hat Creek Radio Observatory

VNA test results of the IF Splitter



Alexander Pollak & Marc Jacquart

SETI Institute
339 Bernardo Ave, Suite 200
Mountain View, CA 94043
Alexander.Pollak.87@gmail.com

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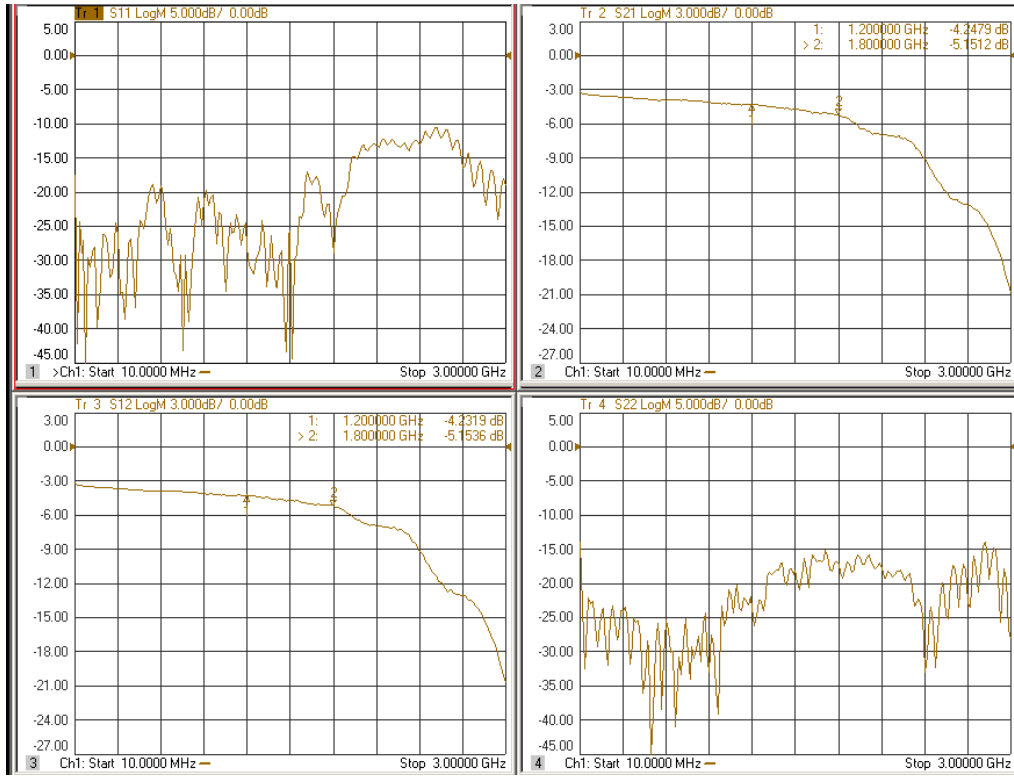


Figure 1: Scattering matrix for channel 1A, polarization x and output 3dB1.

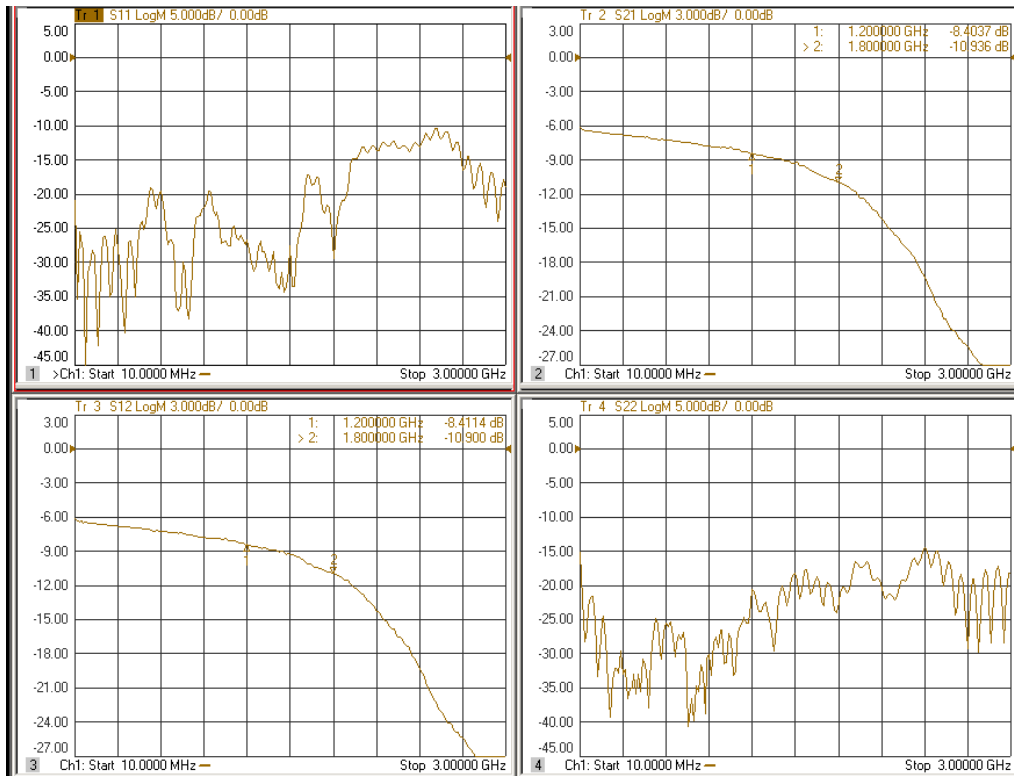


Figure 2: Scattering matrix for channel 1A, polarization x and output 6dB2.

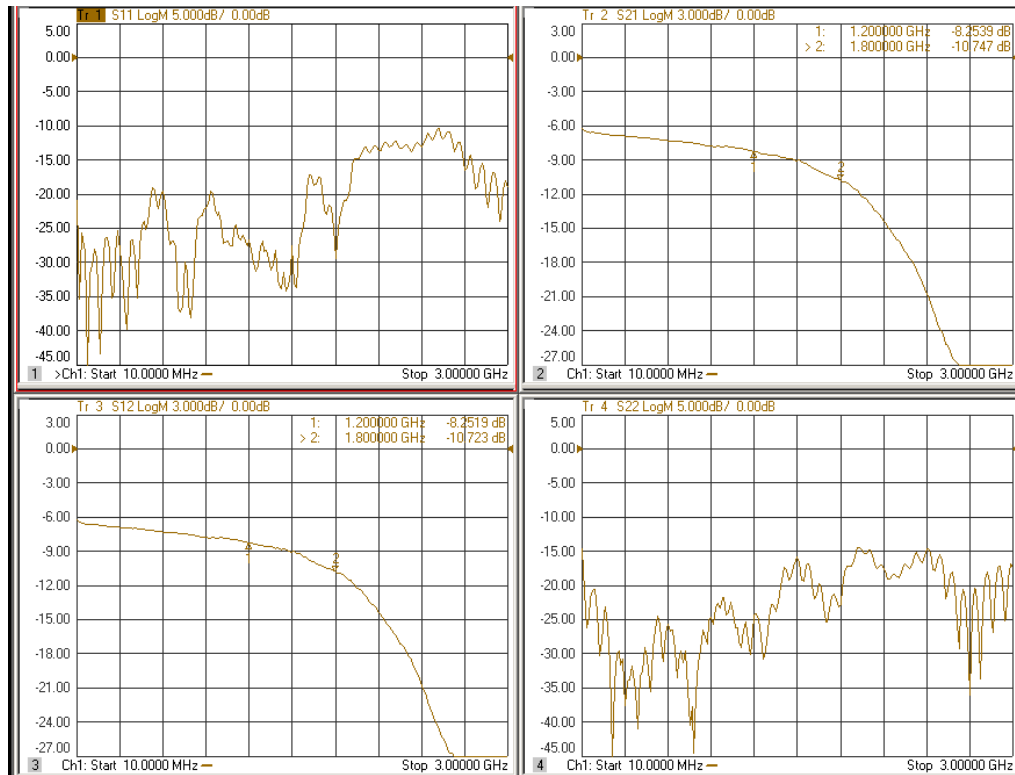


Figure 3: Scattering matrix for channel 1A, polarization x and output 6dB3.

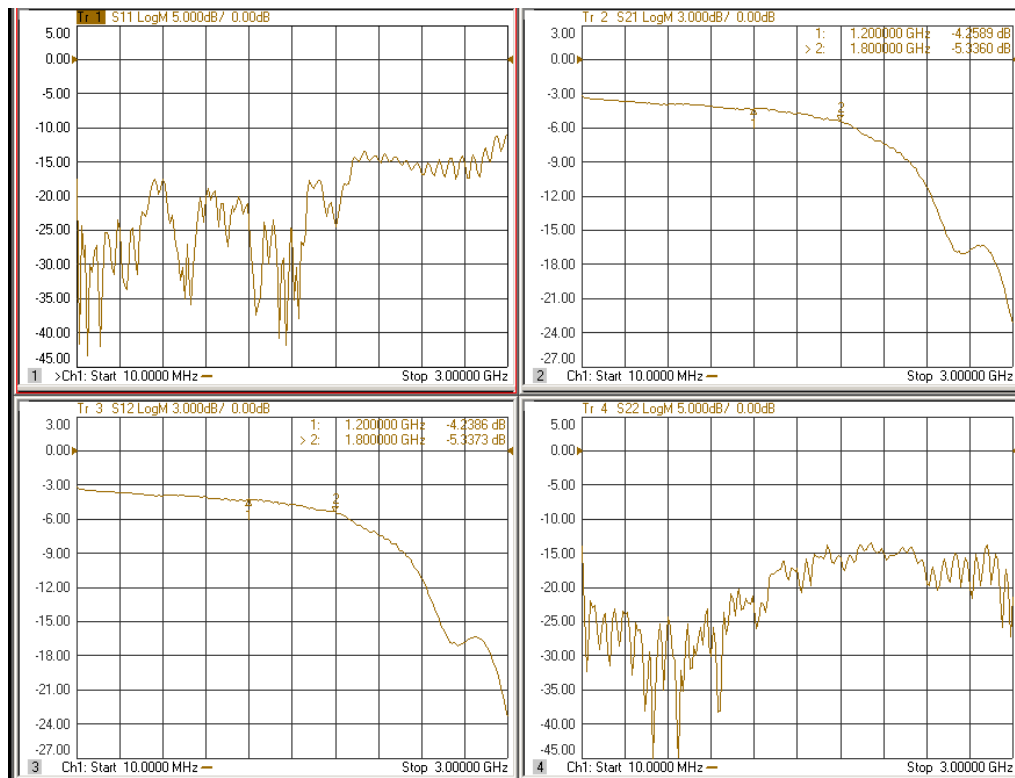


Figure 4: Scattering matrix for channel 1A, polarization y and output 3dB1.

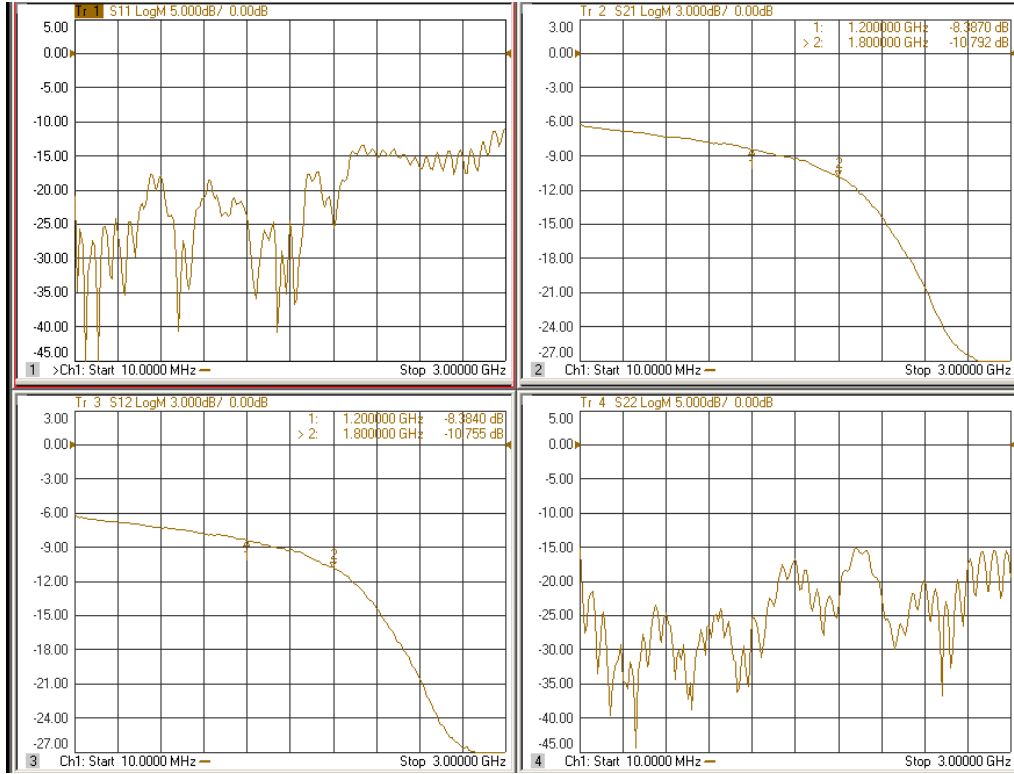


Figure 5: Scattering matrix for channel 1A, polarization y and output 6dB2.

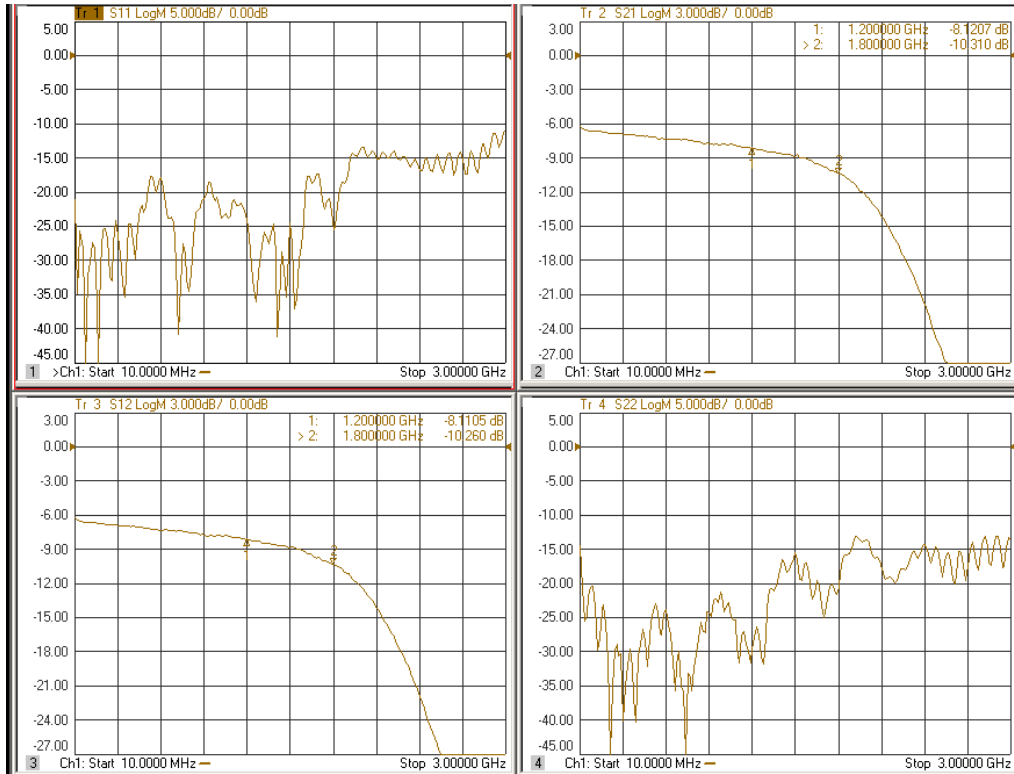


Figure 6: Scattering matrix for channel 1A, polarization y and output 6dB3.

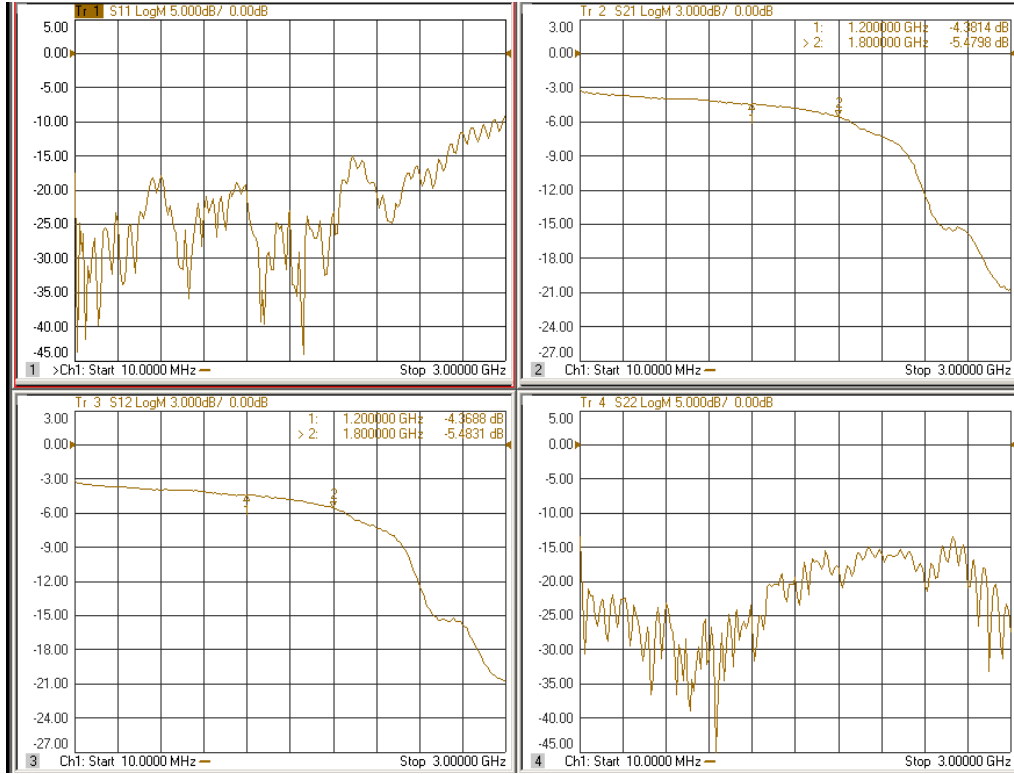


Figure 7: Scattering matrix for channel 1B, polarization x and output 3dB1.

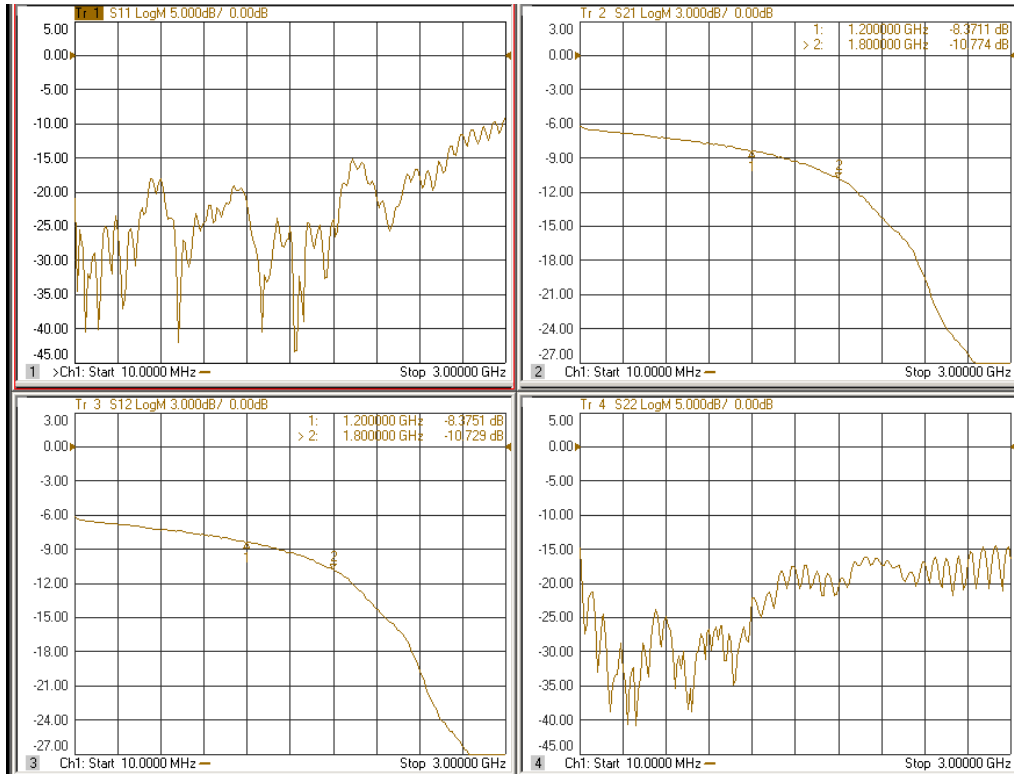


Figure 8: Scattering matrix for channel 1B, polarization x and output 6dB2.

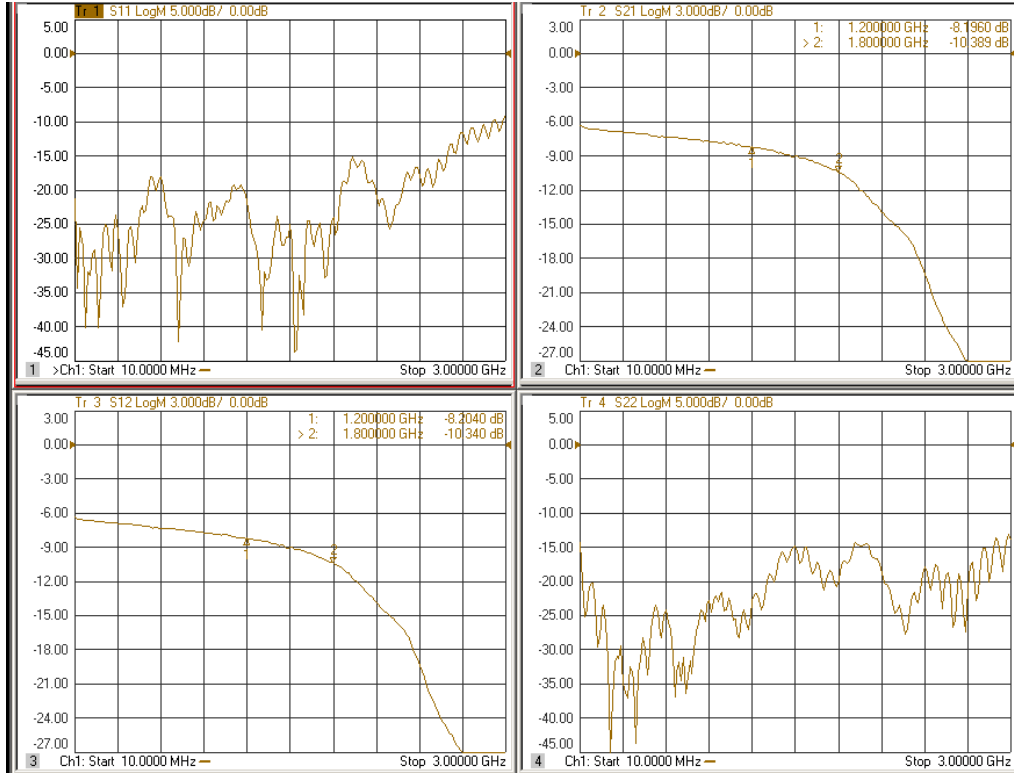


Figure 9: Scattering matrix for channel 1B, polarization x and output 6dB3.

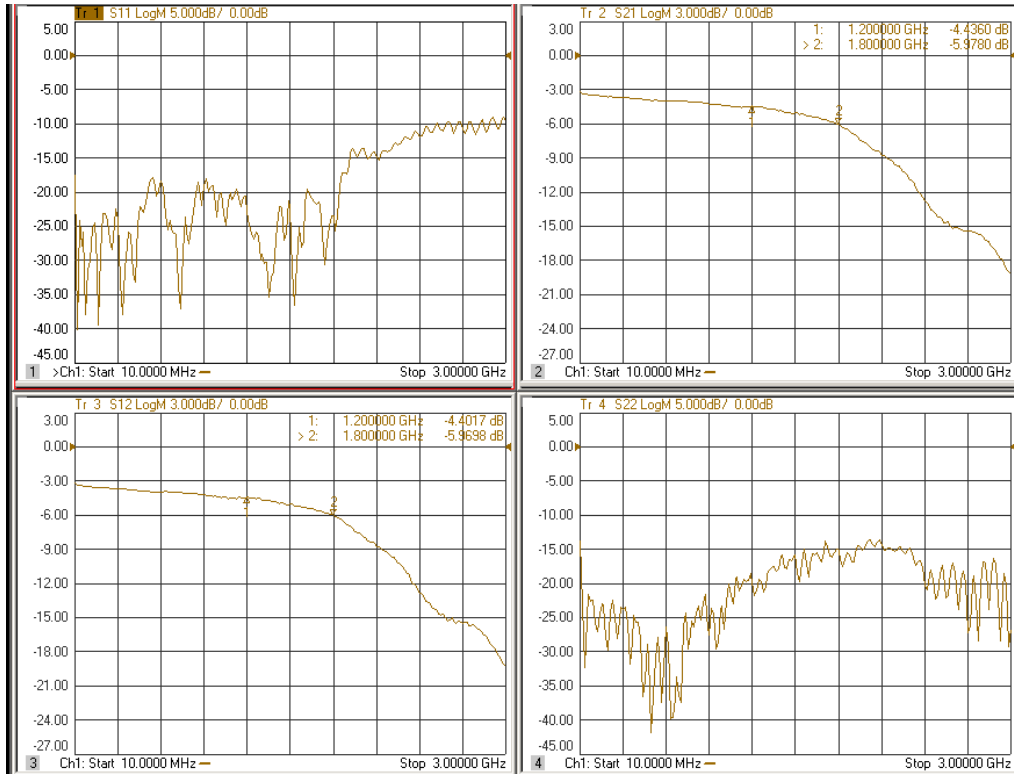


Figure 10: Scattering matrix for channel 1B, polarization y and output 3dB1.

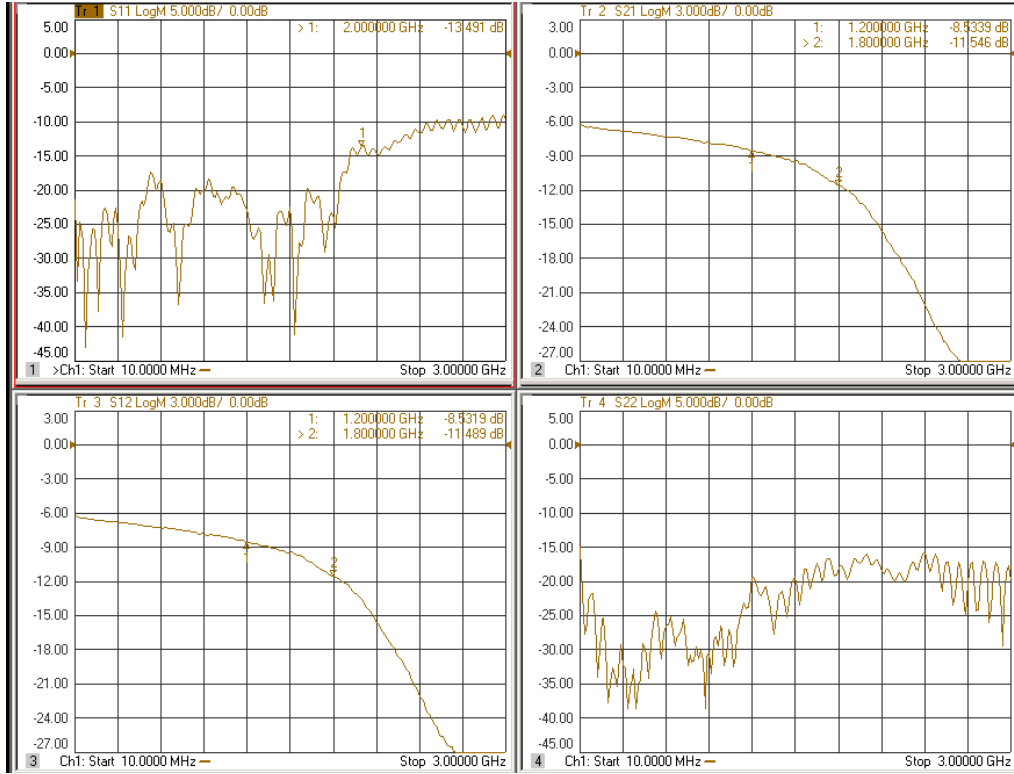


Figure 11: Scattering matrix for channel 1B, polarization y and output 6dB2.

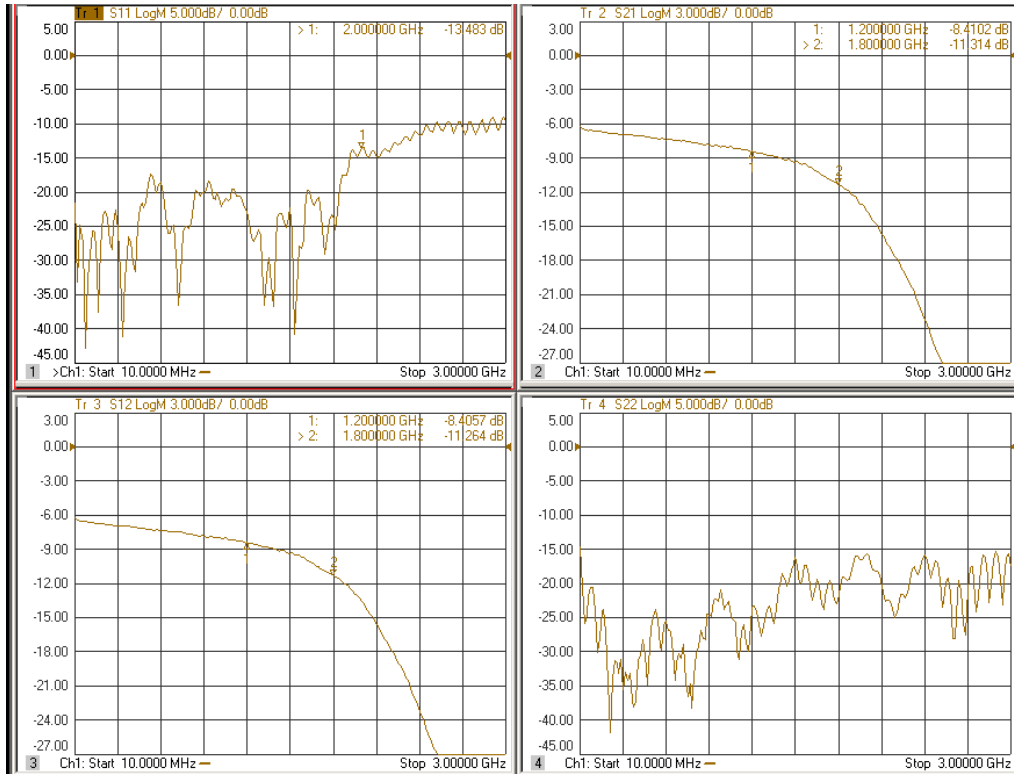


Figure 12: Scattering matrix for channel 1B, polarization y and output 6dB3.

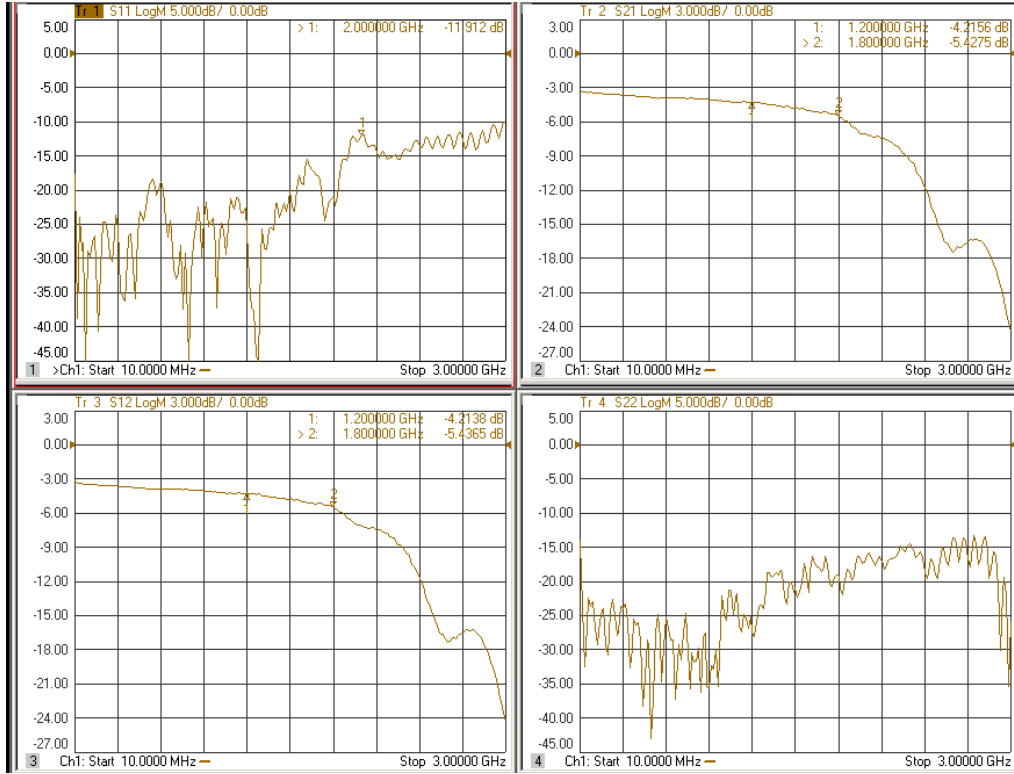


Figure 13: Scattering matrix for channel 1C, polarization x and output 3dB1.

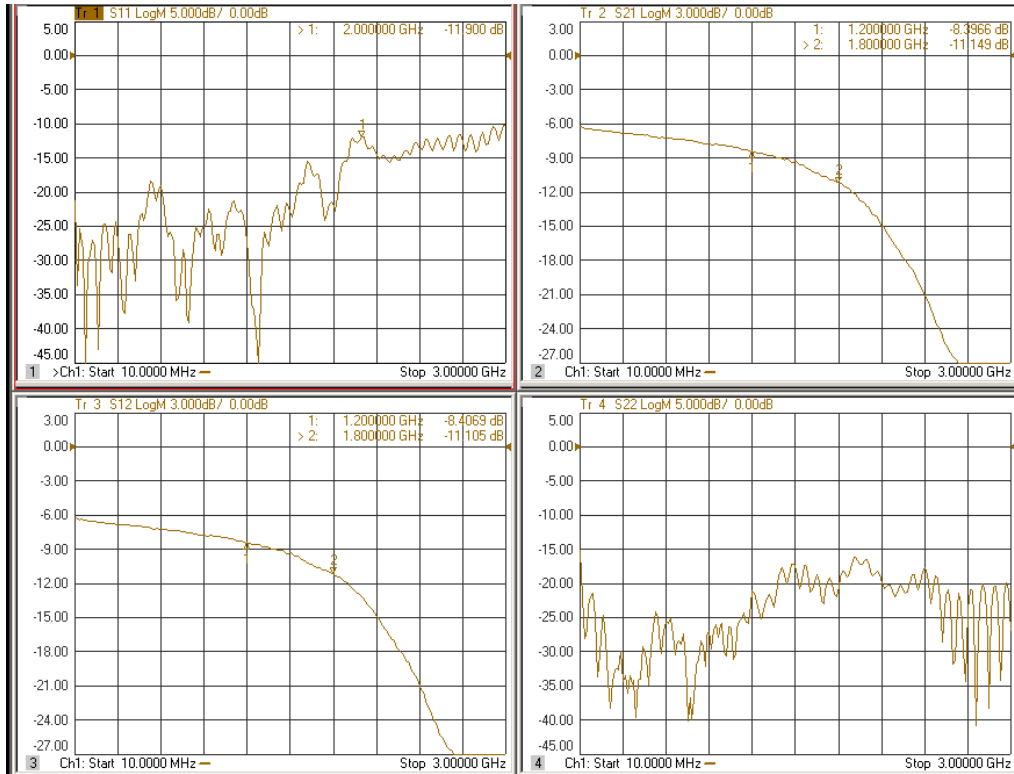


Figure 14: Scattering matrix for channel 1C, polarization x and output 6dB2.

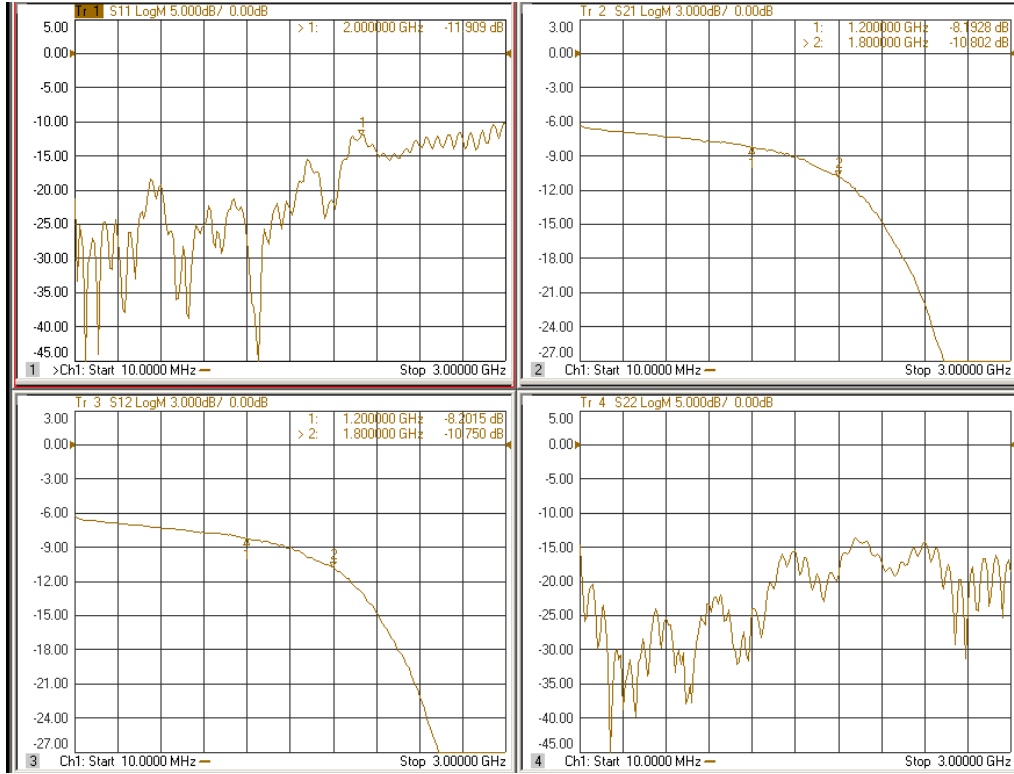


Figure 15: Scattering matrix for channel 1C, polarization x and output 6dB3.

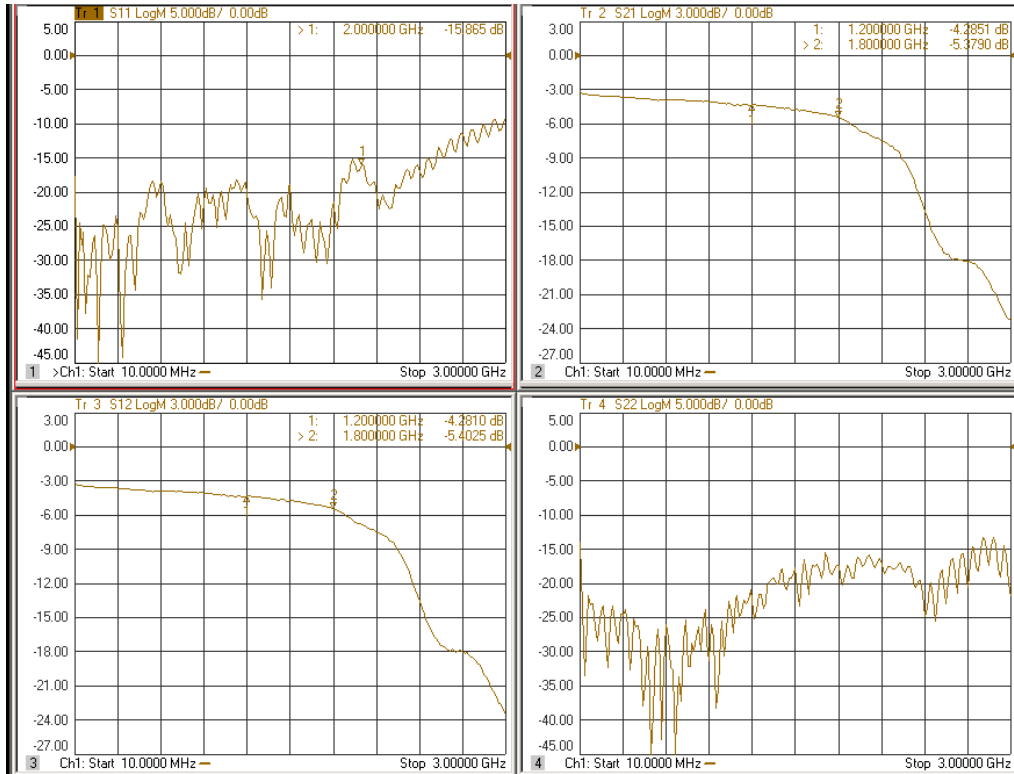


Figure 16: Scattering matrix for channel 1C, polarization y and output 3dB1.

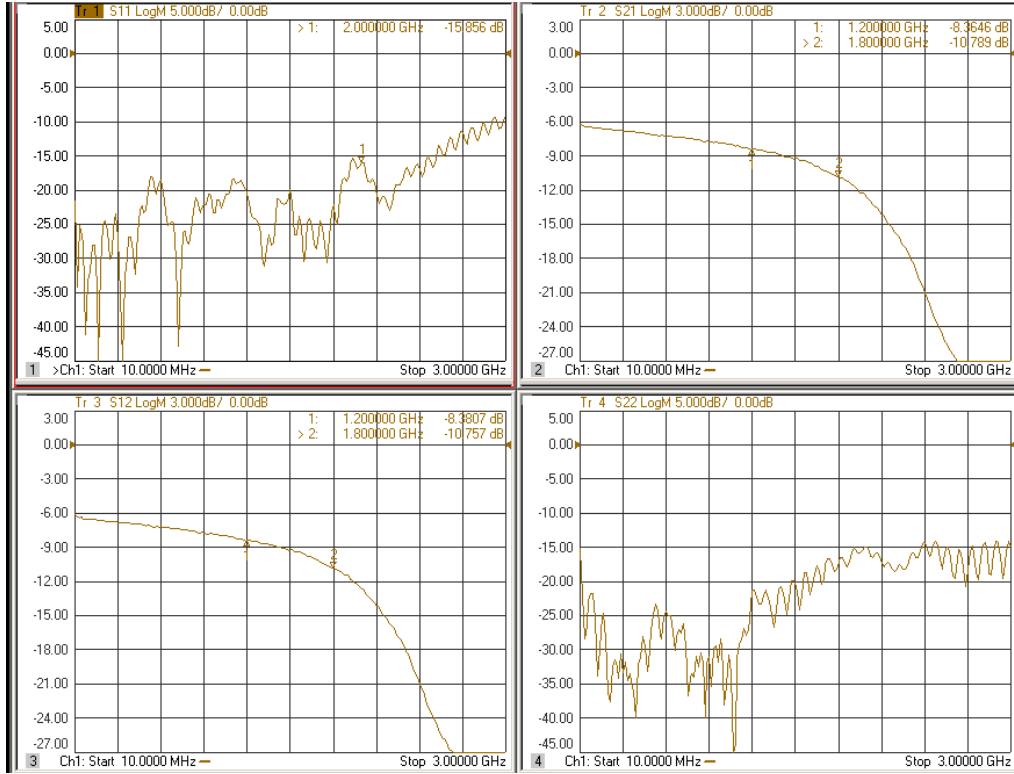


Figure 17: Scattering matrix for channel 1C, polarization y and output 6dB2.

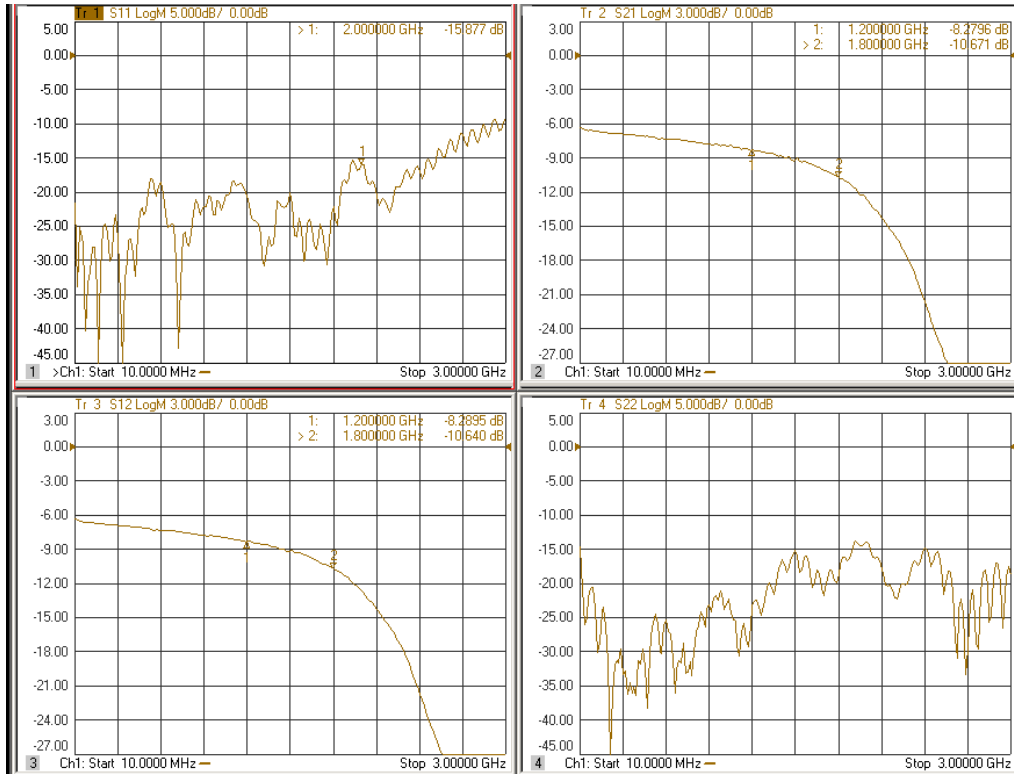


Figure 18: Scattering matrix for channel 1C, polarization y and output 6dB3.

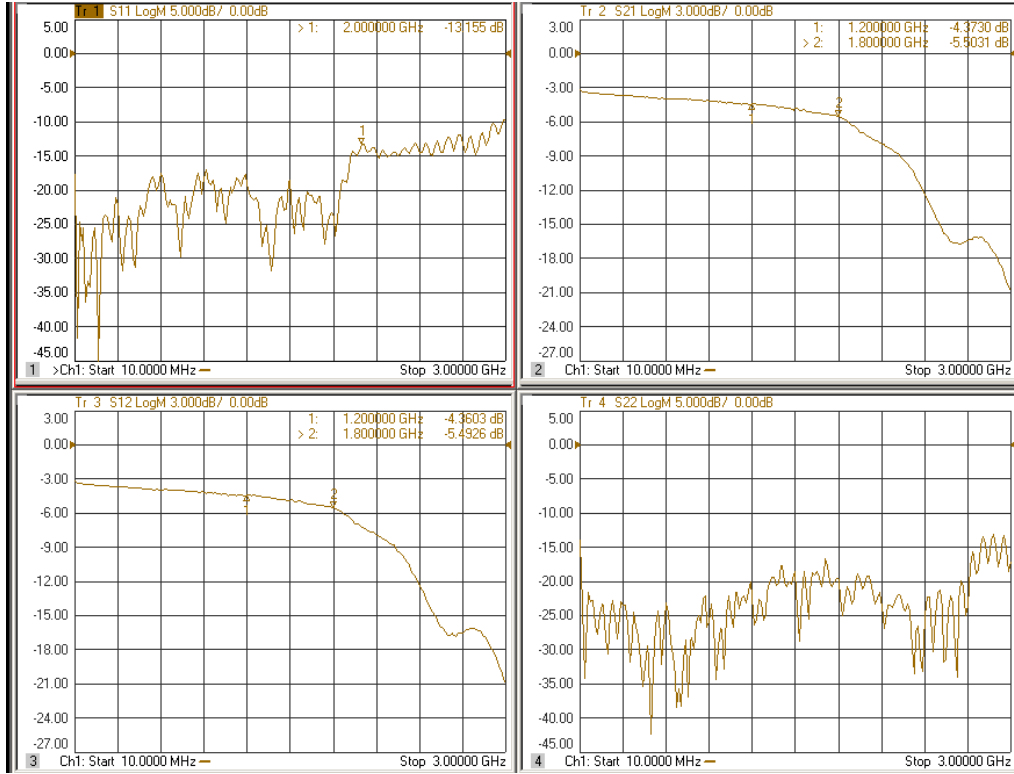


Figure 19: Scattering matrix for channel 1D, polarization x and output 3dB1.

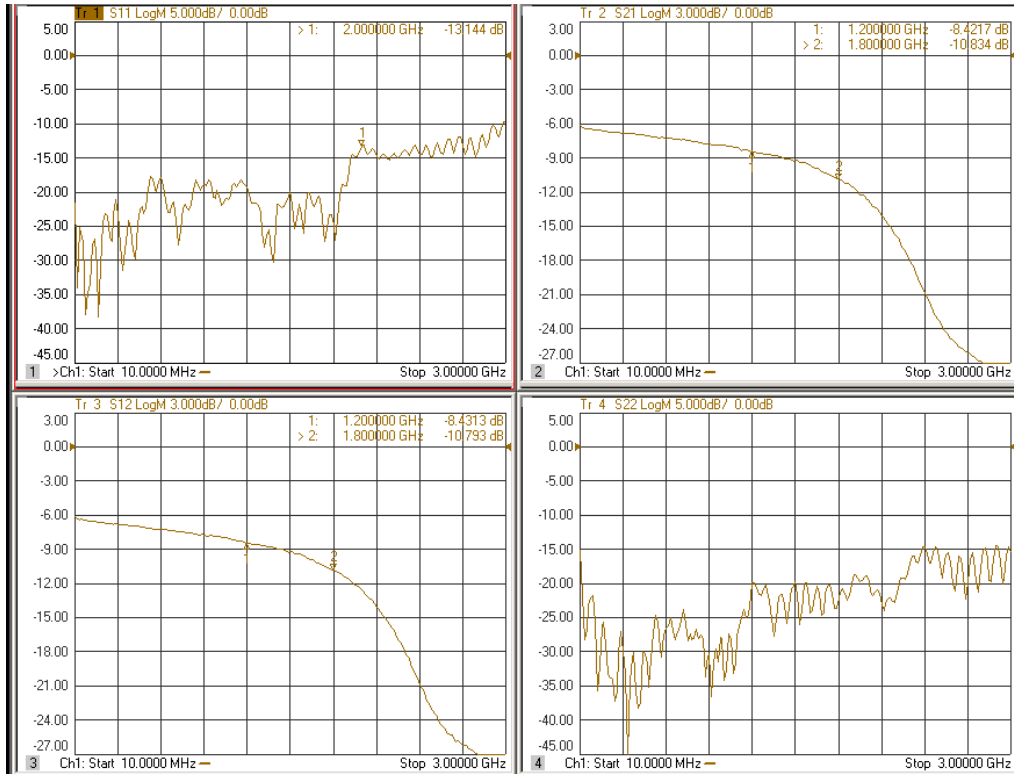


Figure 20: Scattering matrix for channel 1D, polarization x and output 6dB2.

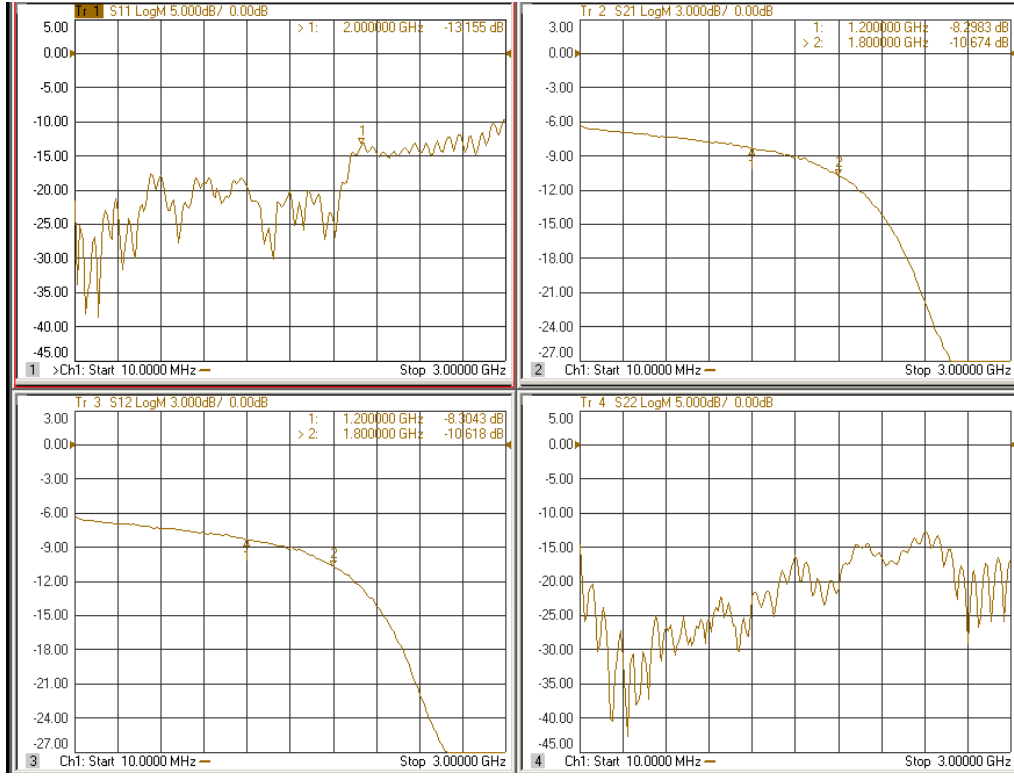


Figure 21: Scattering matrix for channel 1D, polarization x and output 6dB3.

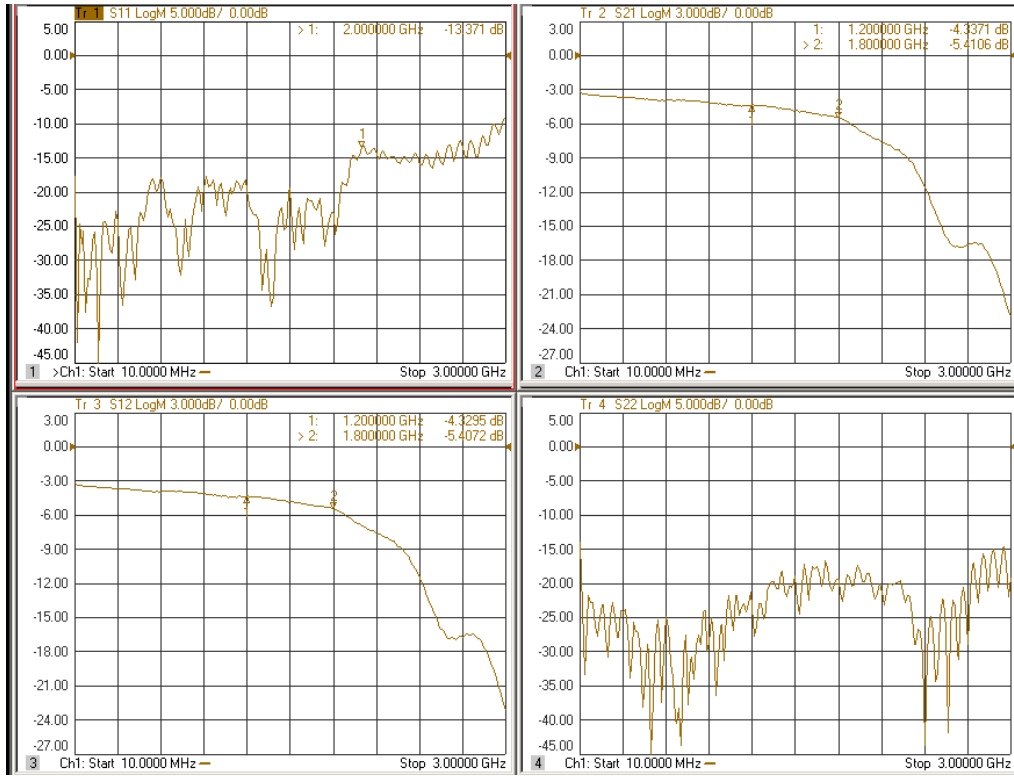


Figure 22: Scattering matrix for channel 1D, polarization y and output 3dB1.

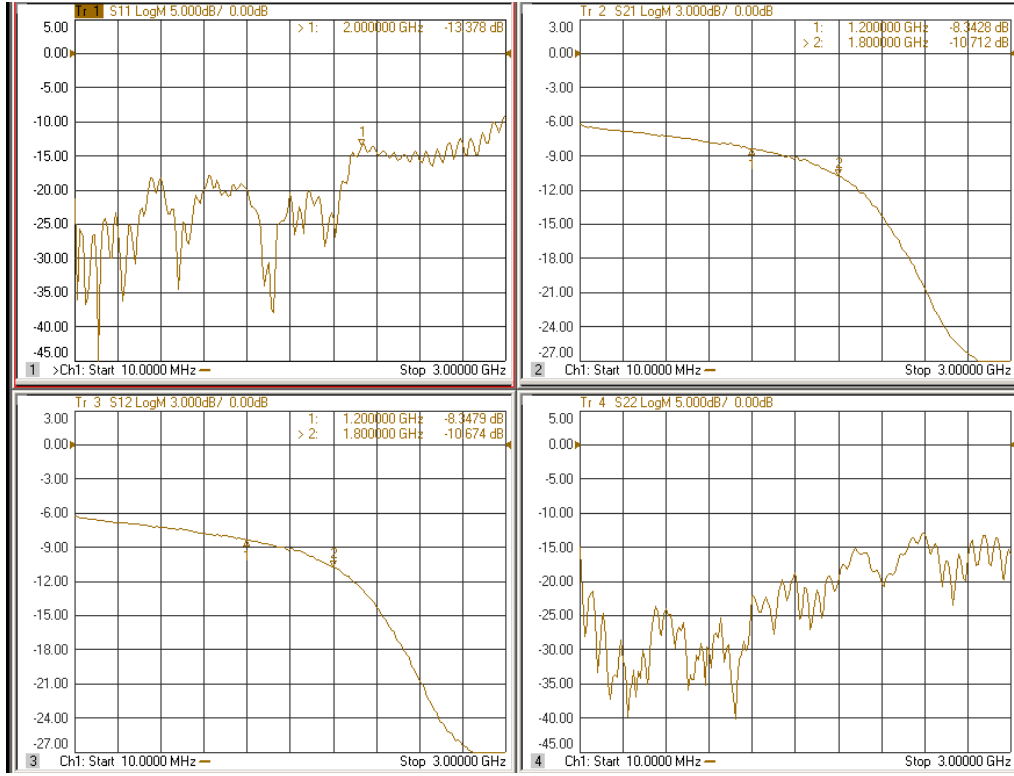


Figure 23: Scattering matrix for channel 1D, polarization y and output 6dB2.

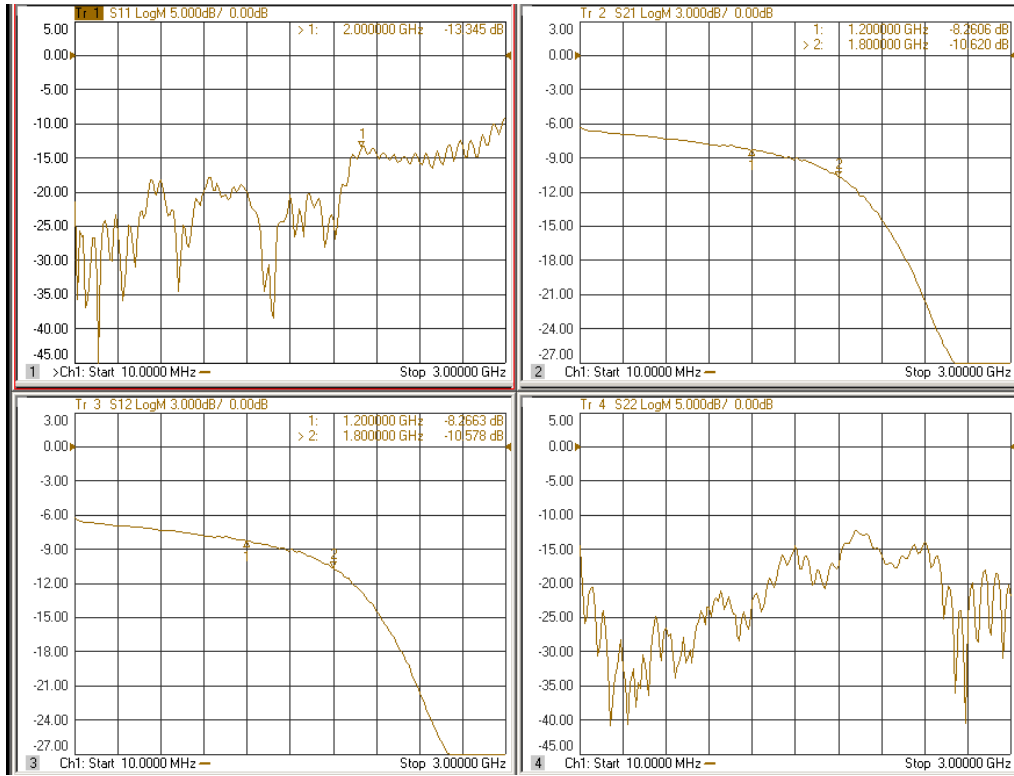


Figure 24: Scattering matrix for channel 1D, polarization y and output 6dB3.

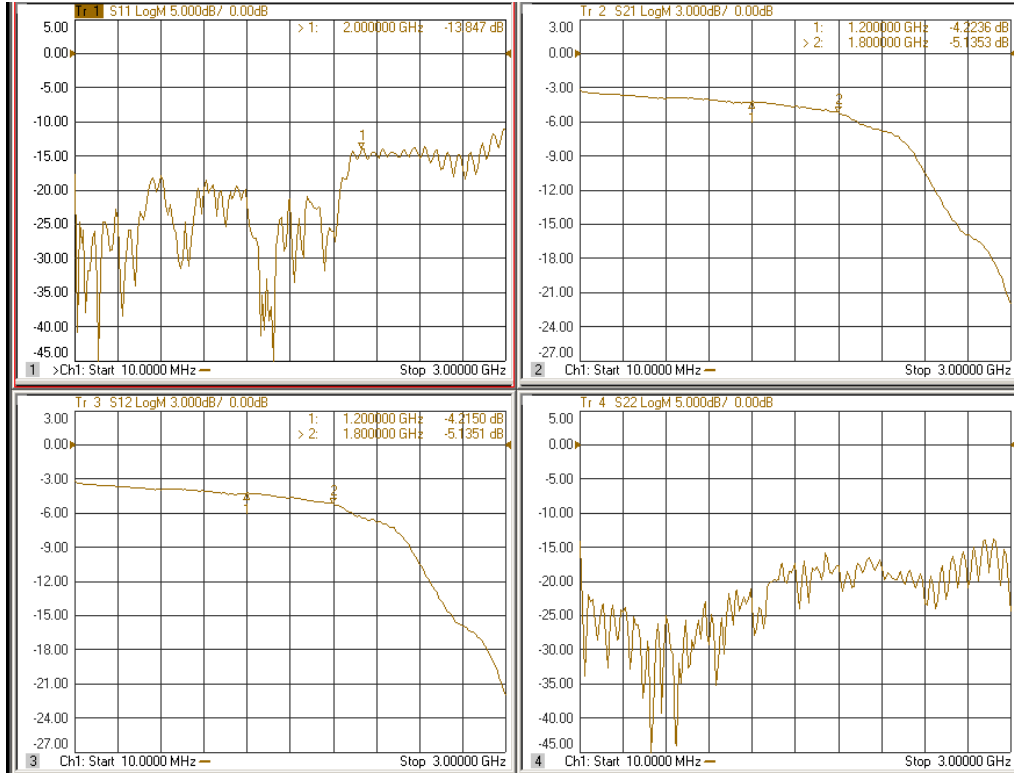


Figure 25: Scattering matrix for channel 1E, polarization x and output 3dB1.

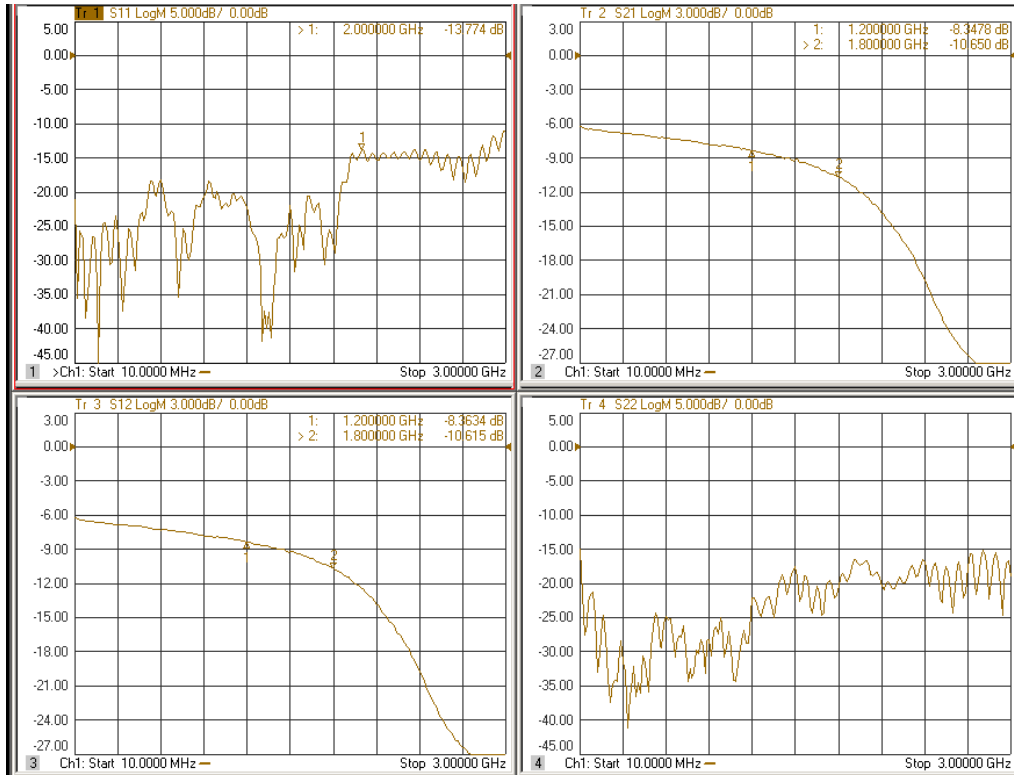


Figure 26: Scattering matrix for channel 1E, polarization x and output 6dB2.

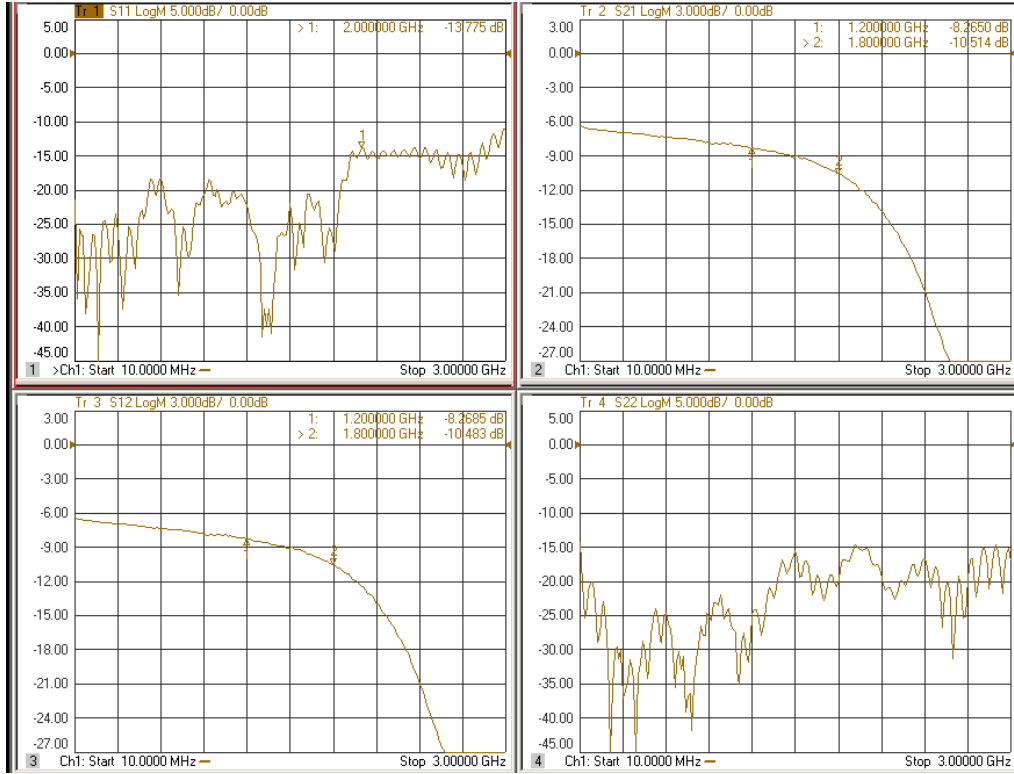


Figure 27: Scattering matrix for channel 1E, polarization x and output 6dB3.

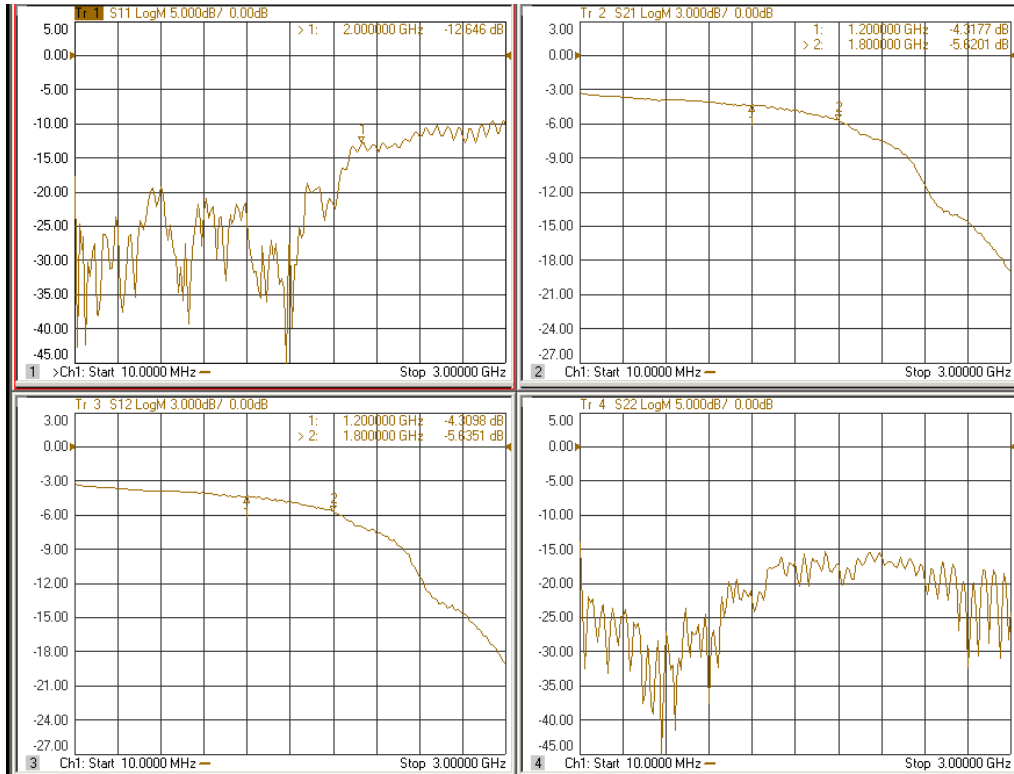


Figure 28: Scattering matrix for channel 1E, polarization y and output 3dB1.

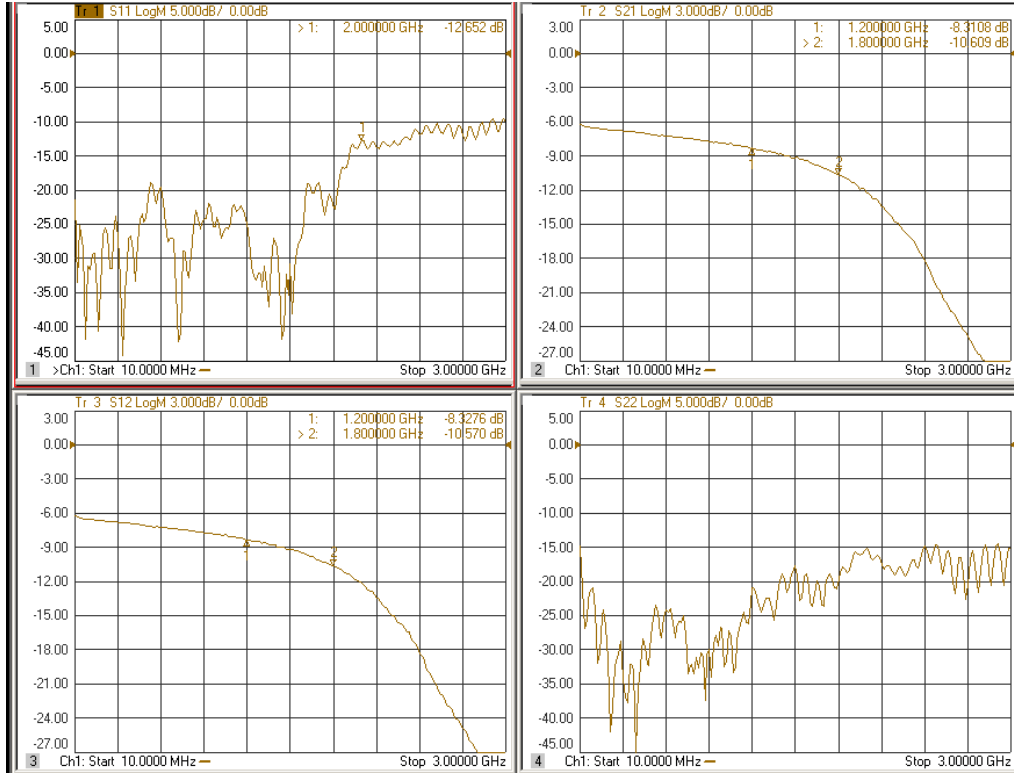


Figure 29: Scattering matrix for channel 1E, polarization y and output 6dB2.

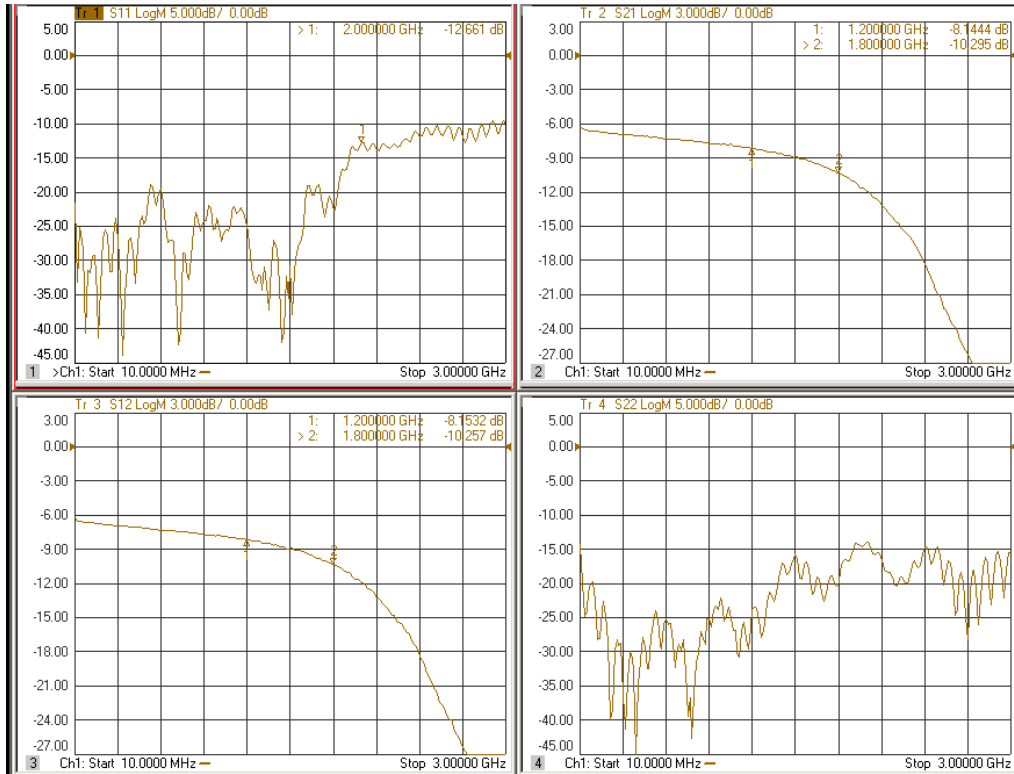


Figure 30: Scattering matrix for channel 1E, polarization y and output 6dB3.

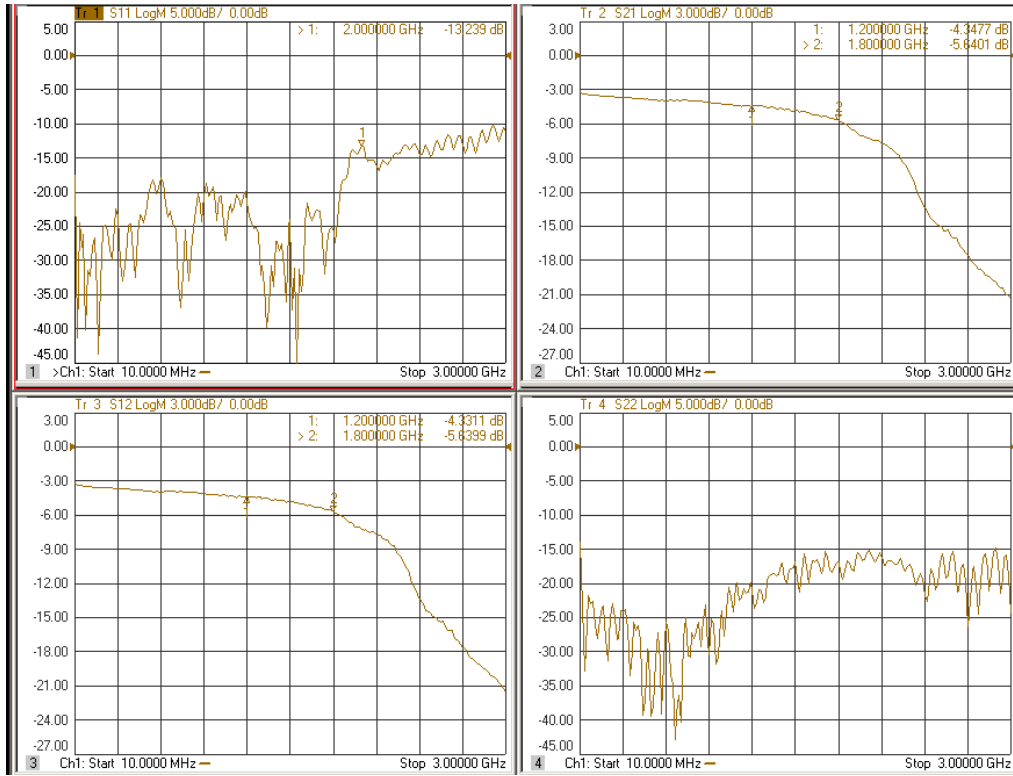


Figure 31: Scattering matrix for channel 1F, polarization x and output 3dB1.

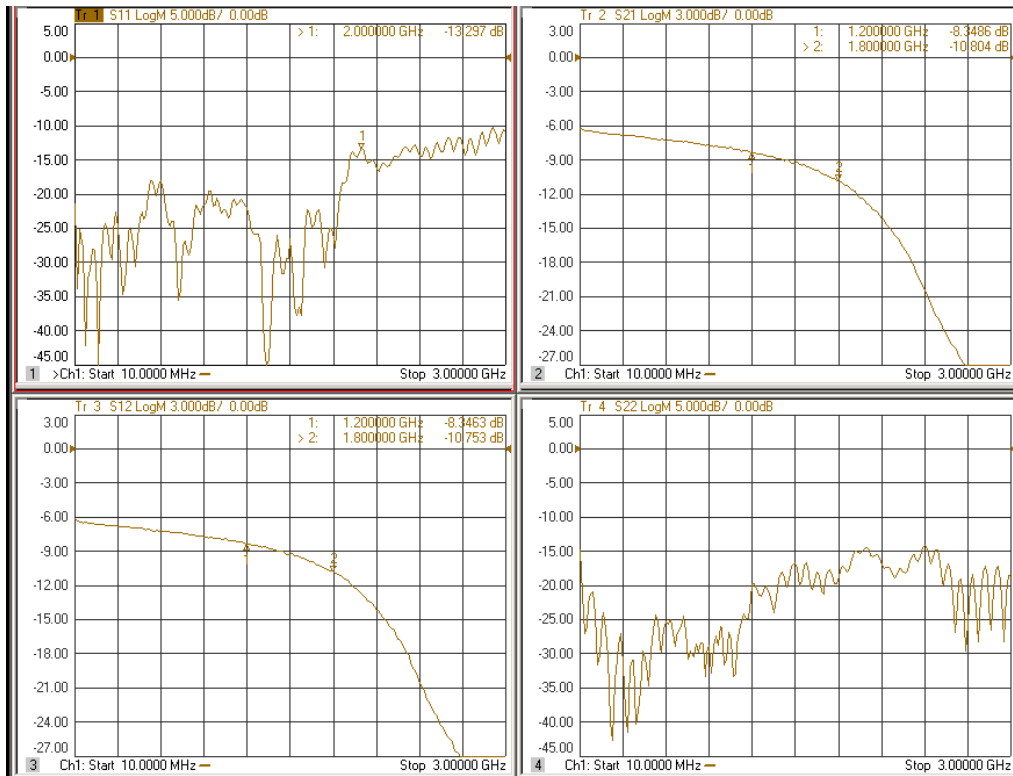


Figure 32: Scattering matrix for channel 1F, polarization x and output 6dB2.

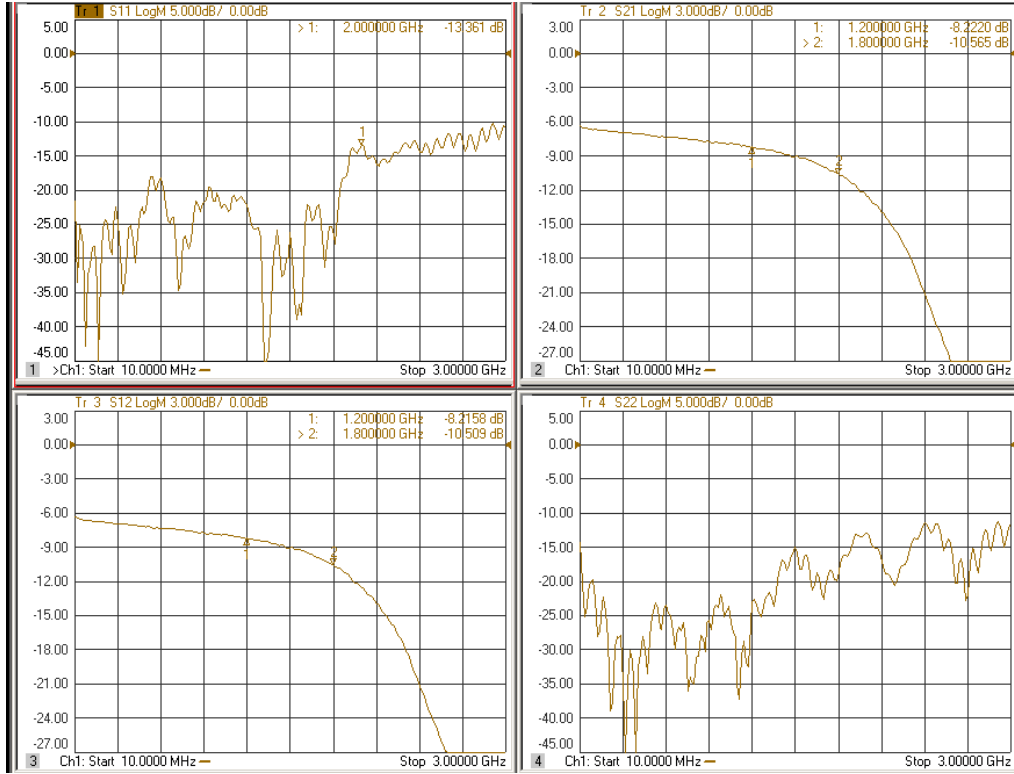


Figure 33: Scattering matrix for channel 1F, polarization x and output 6dB3.

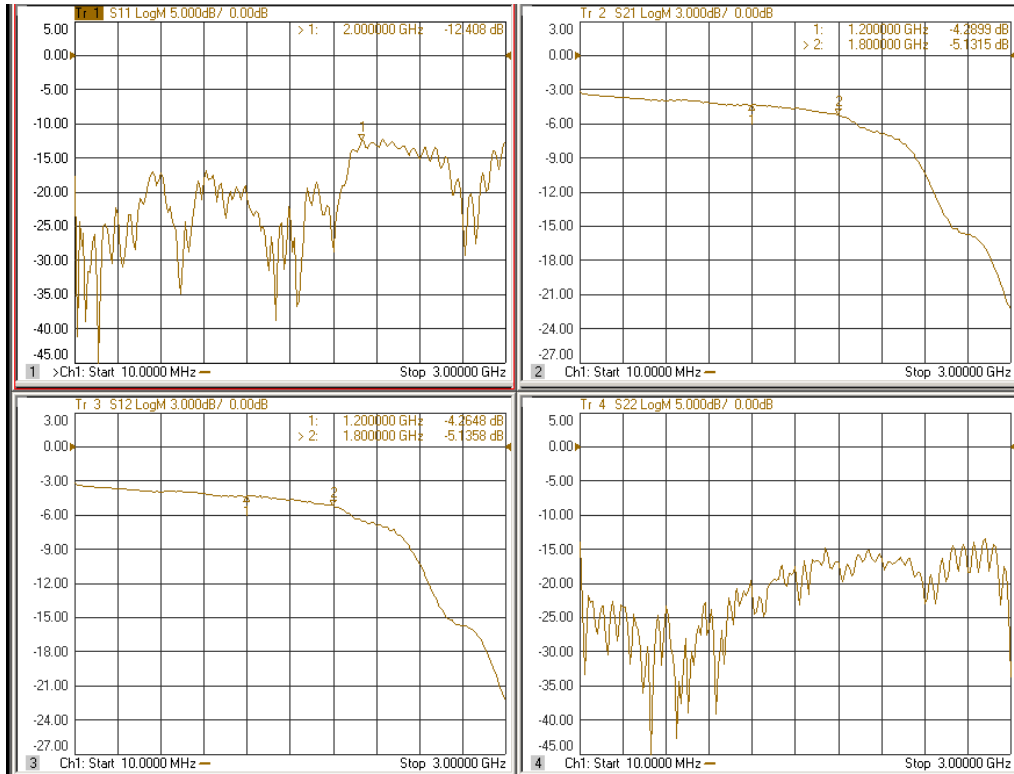


Figure 34: Scattering matrix for channel 1F, polarization y and output 3dB1.

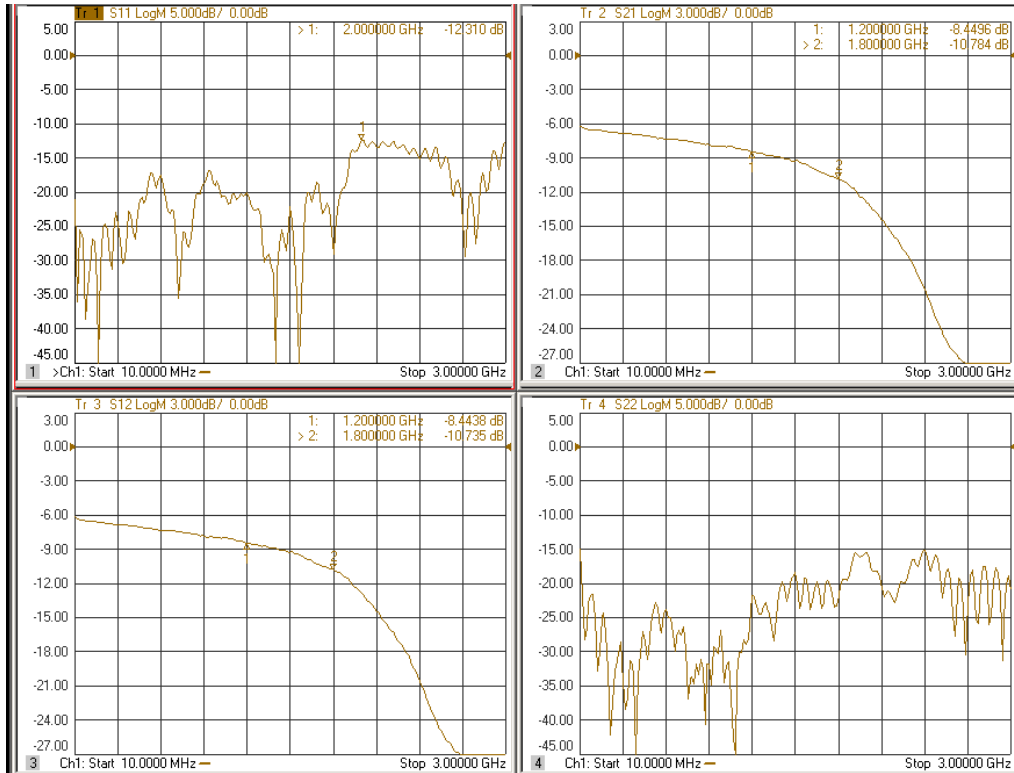


Figure 35: Scattering matrix for channel 1F, polarization y and output 6dB2.

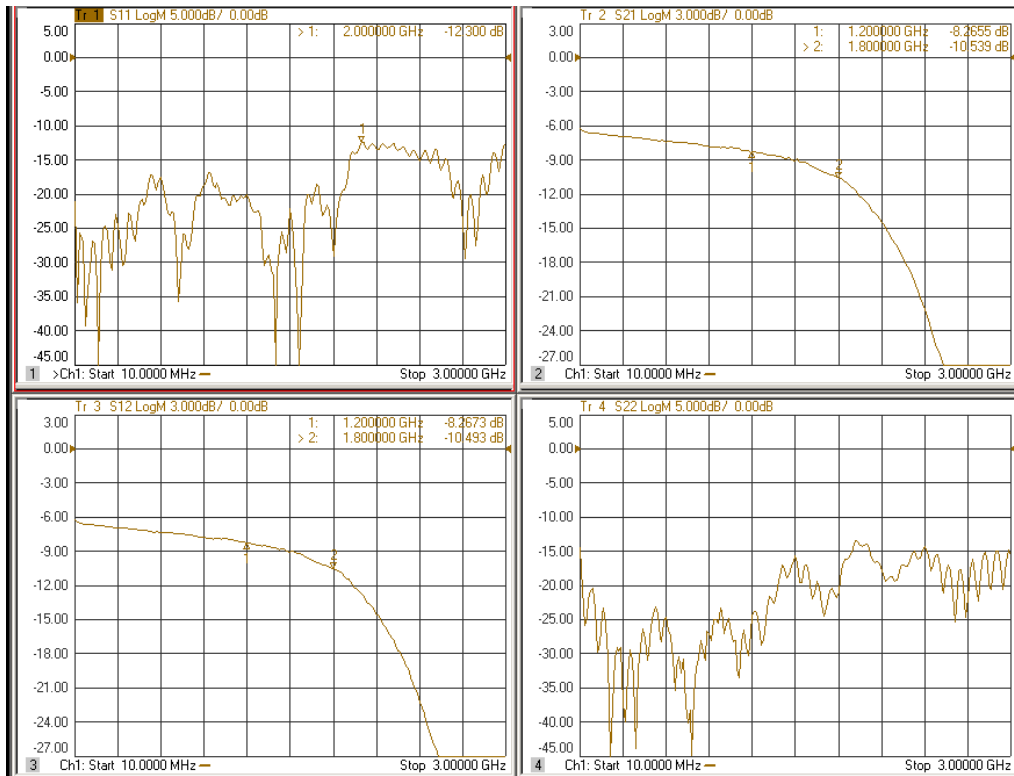


Figure 36: Scattering matrix for channel 1F, polarization y and output 6dB3.

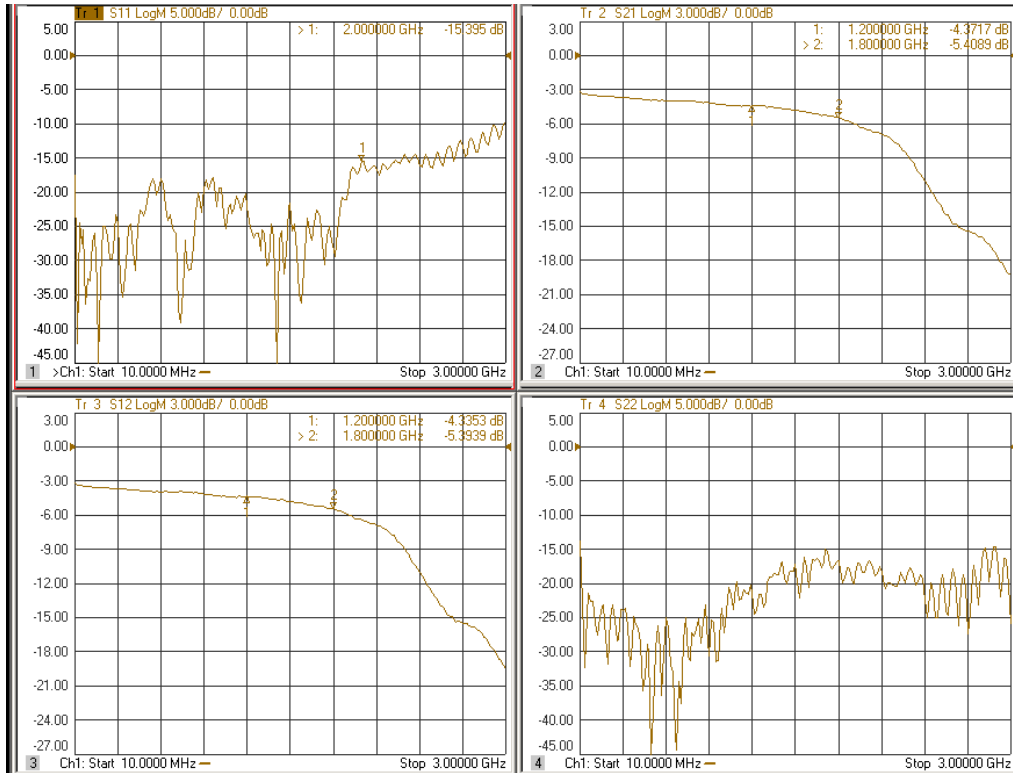


Figure 37: Scattering matrix for channel 1G, polarization x and output 3dB1.

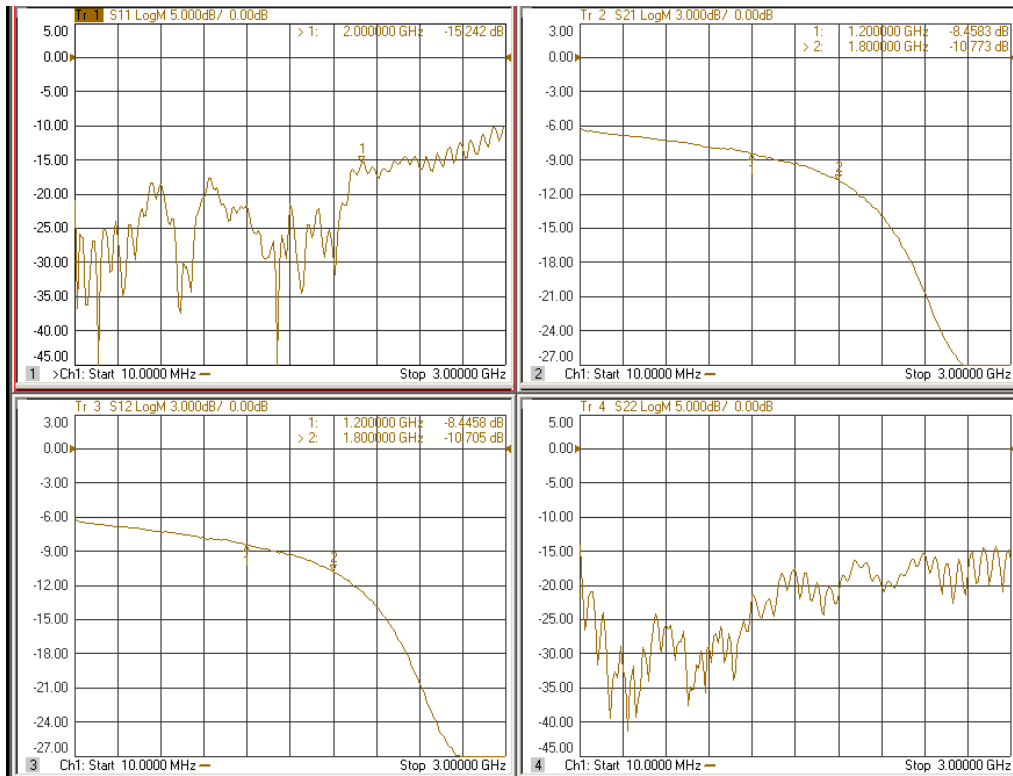


Figure 38: Scattering matrix for channel 1G, polarization x and output 6dB2.

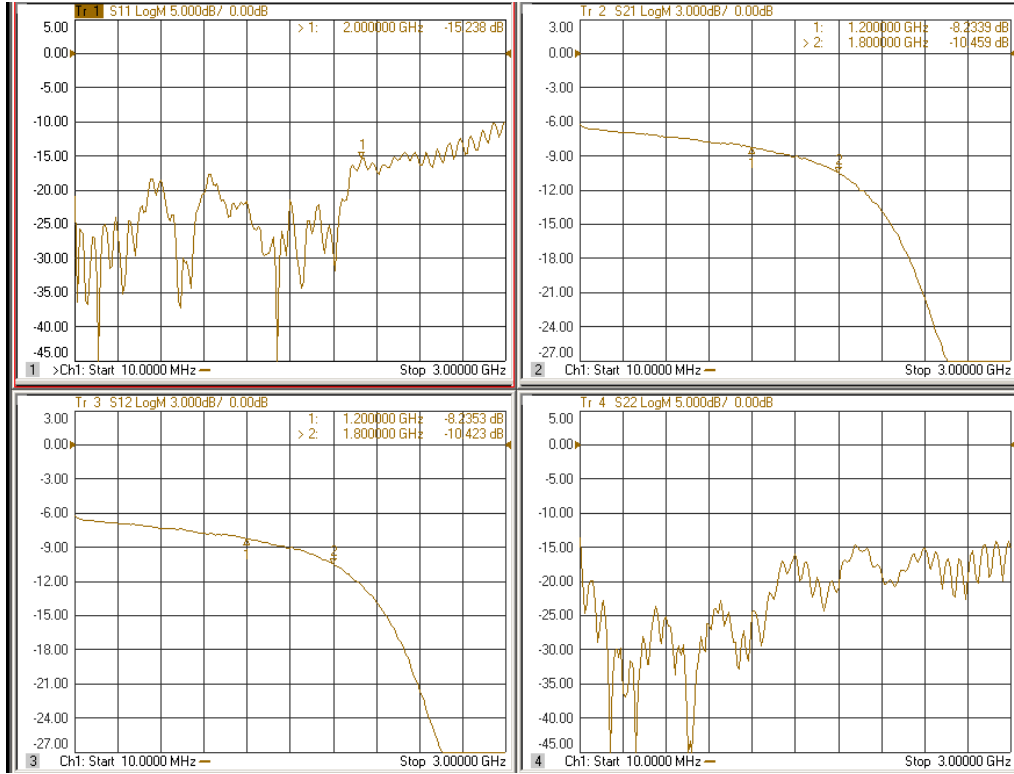


Figure 39: Scattering matrix for channel 1G, polarization x and output 6dB3.

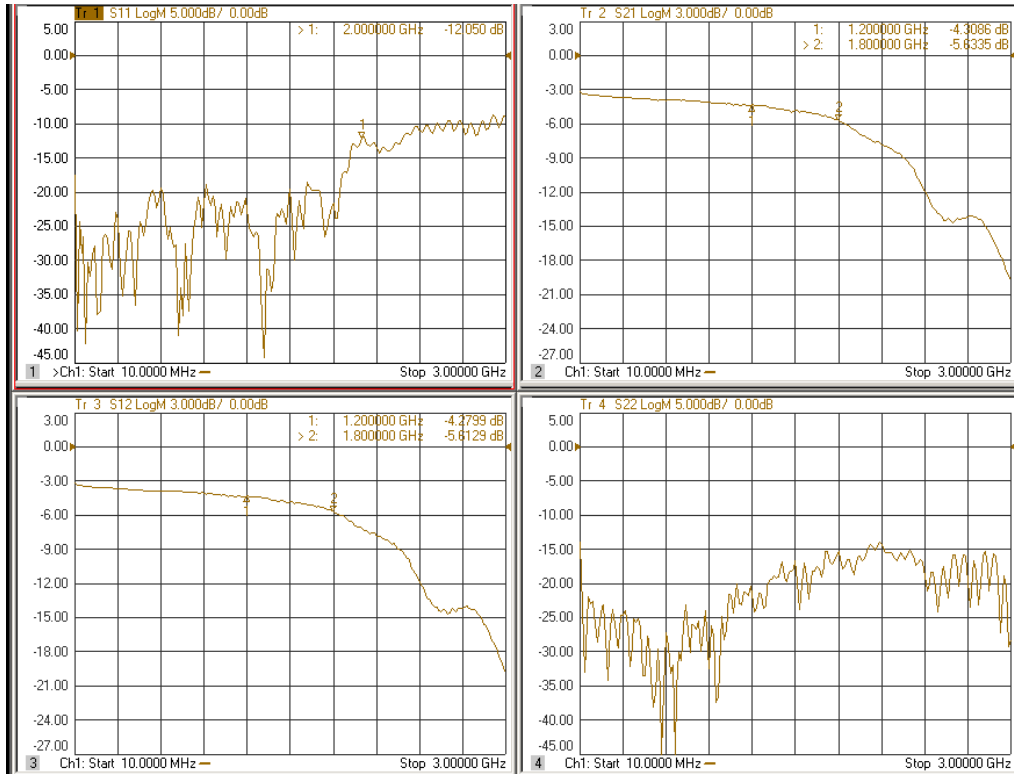


Figure 40: Scattering matrix for channel 1G, polarization y and output 3dB1.

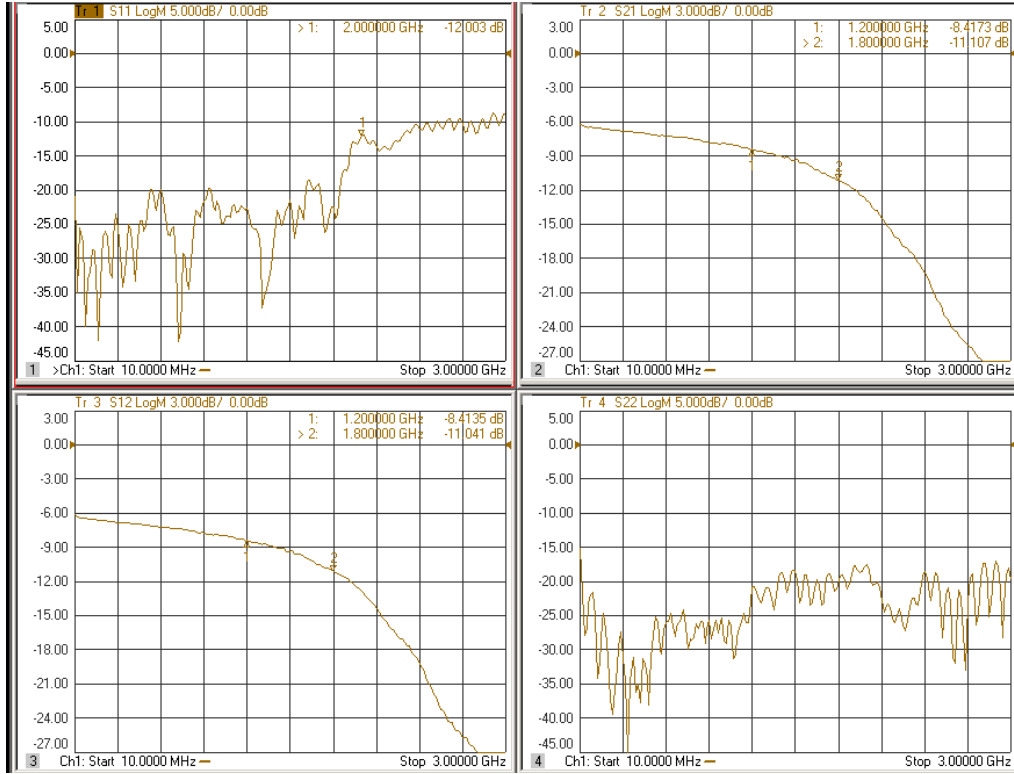


Figure 41: Scattering matrix for channel 1G, polarization y and output 6dB2.

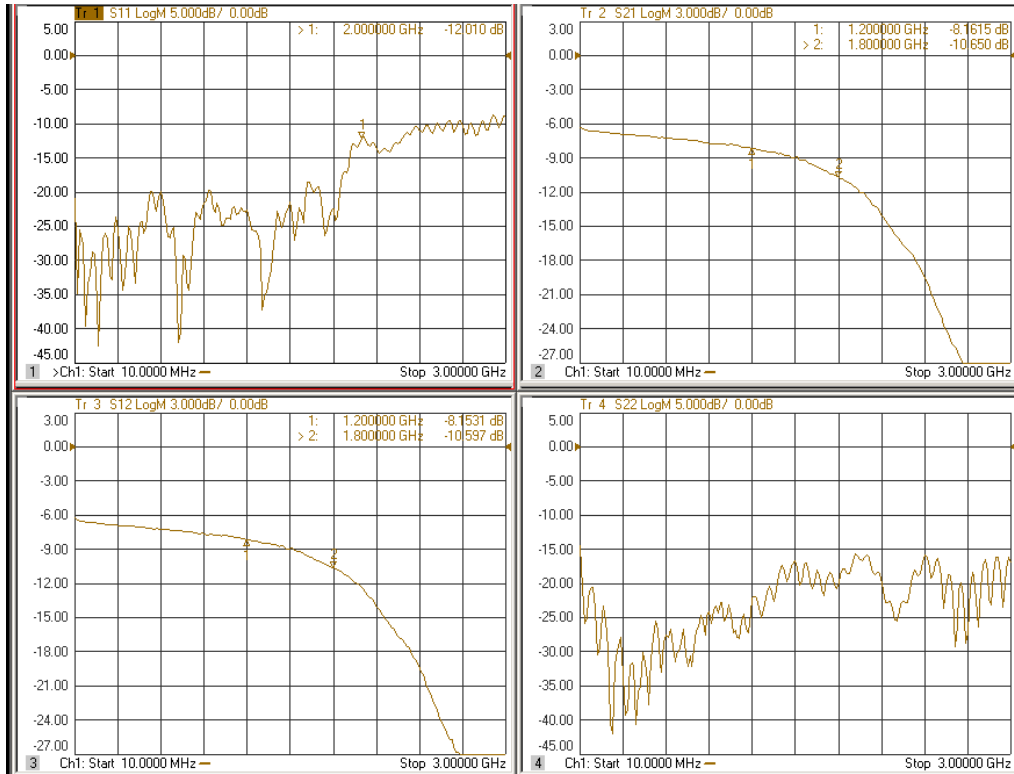


Figure 42: Scattering matrix for channel 1G, polarization y and output 6dB3.

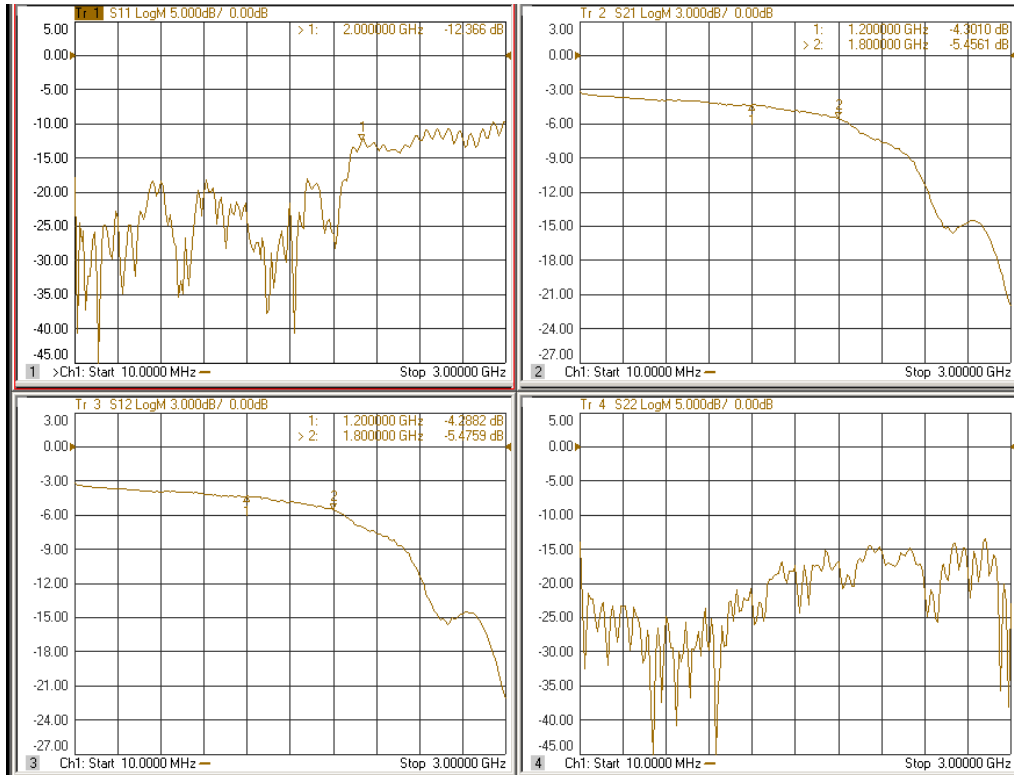


Figure 43: Scattering matrix for channel 1H, polarization x and output 3dB1.

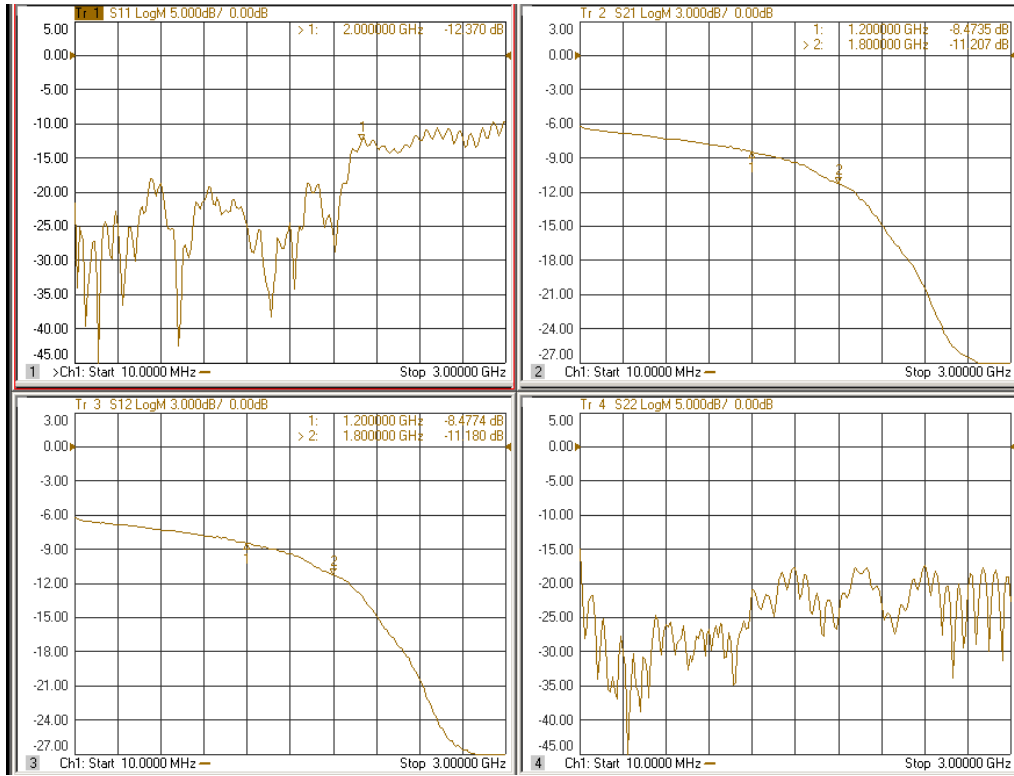


Figure 44: Scattering matrix for channel 1H, polarization x and output 6dB2.

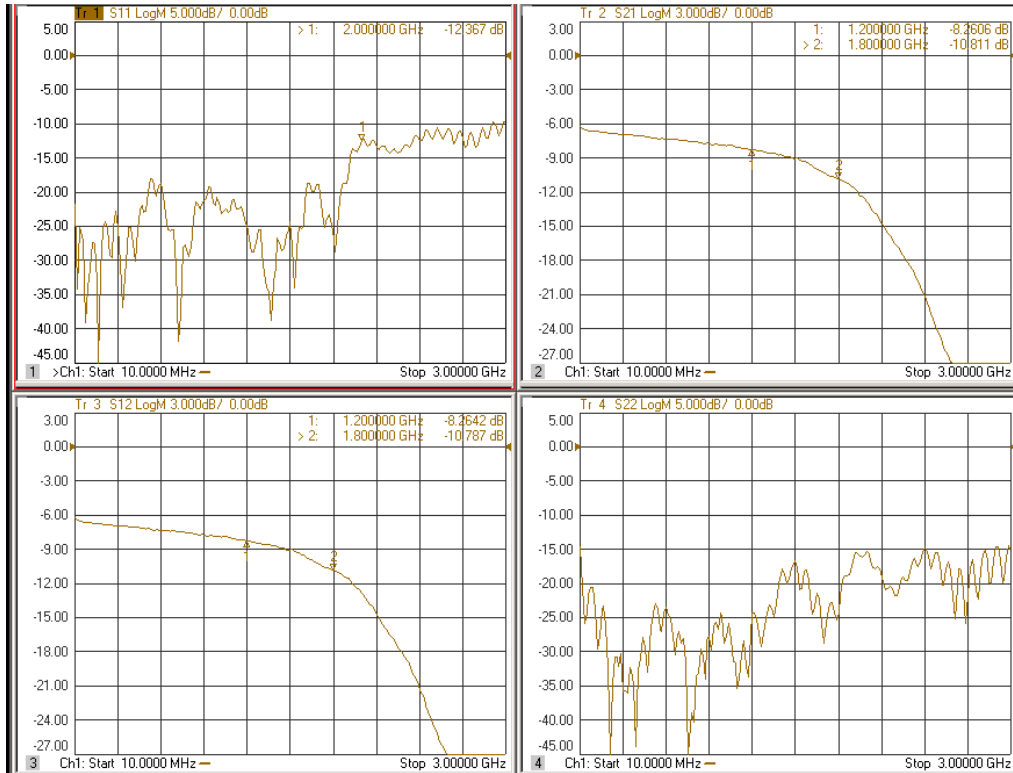


Figure 45: Scattering matrix for channel 1H, polarization x and output 6dB3.

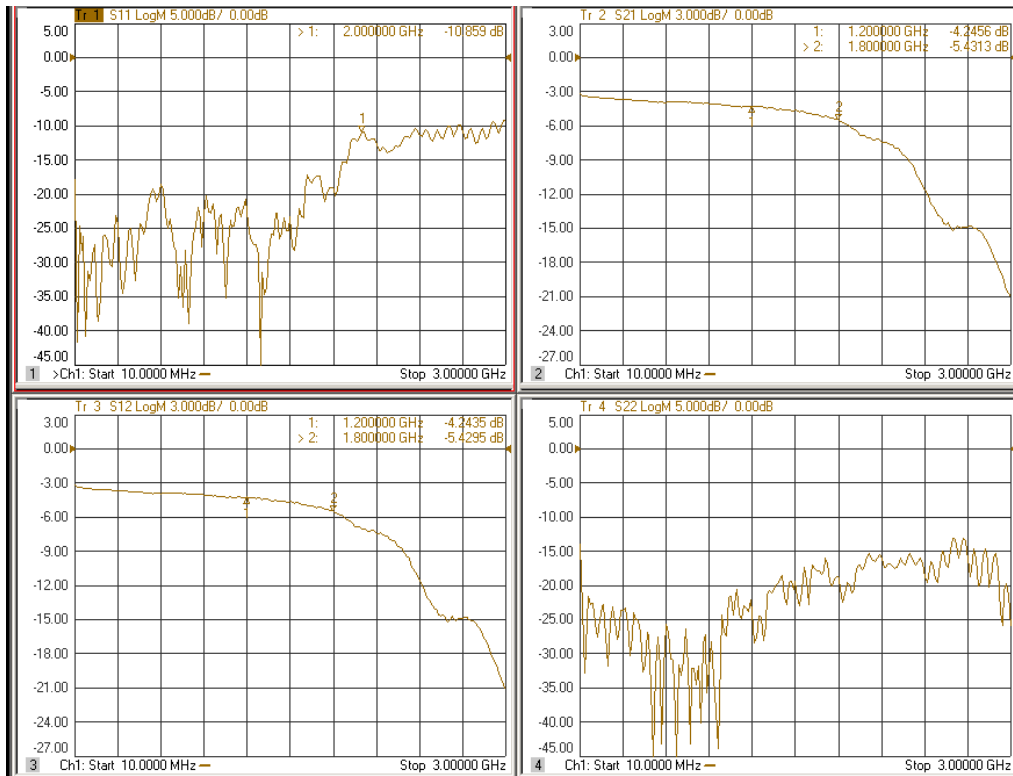


Figure 46: Scattering matrix for channel 1H, polarization y and output 3dB1.

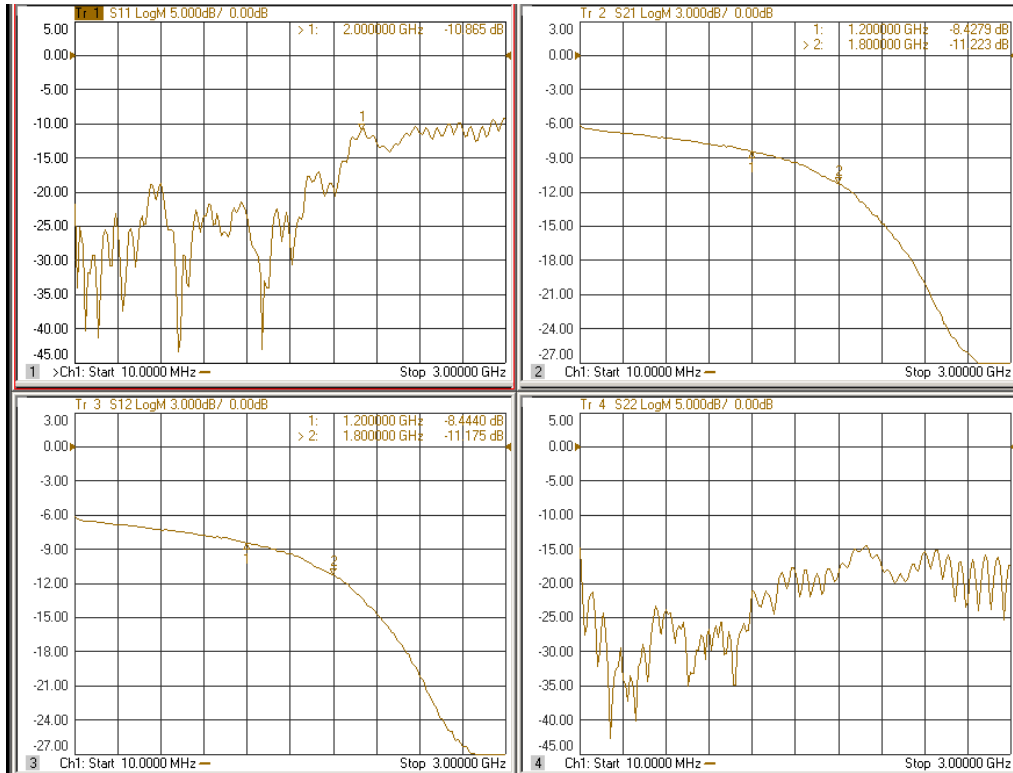


Figure 47: Scattering matrix for channel 1H, polarization y and output 6dB2.

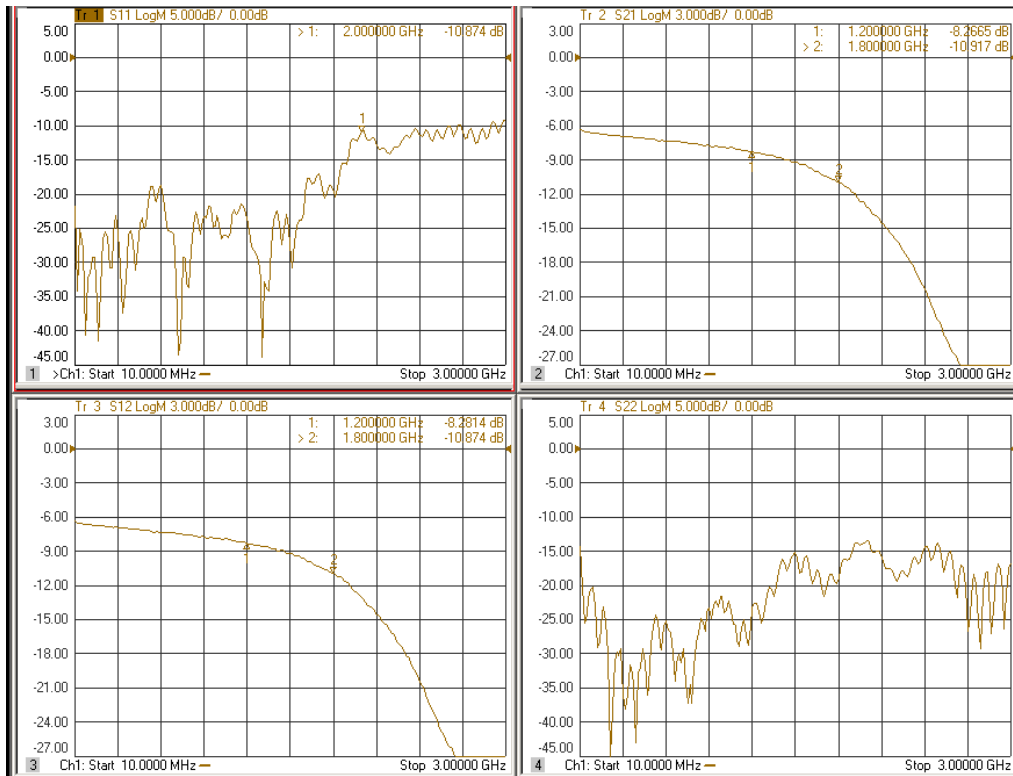


Figure 48: Scattering matrix for channel 1H, polarization y and output 6dB3.

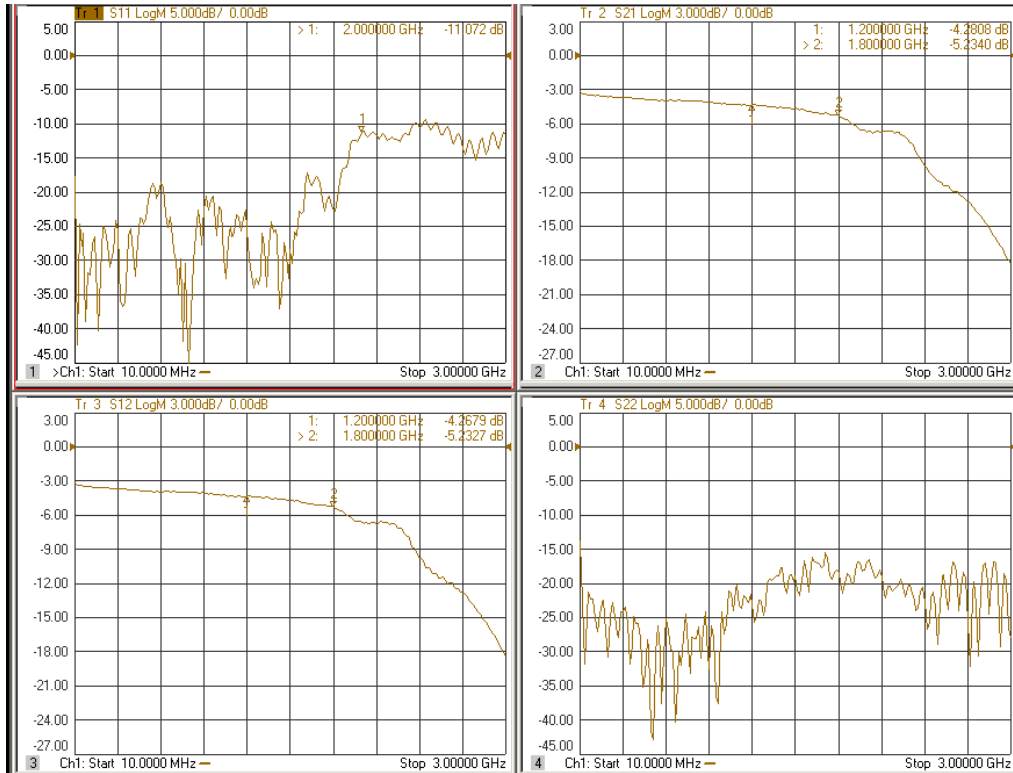


Figure 49: Scattering matrix for channel 1J, polarization x and output 3dB1.

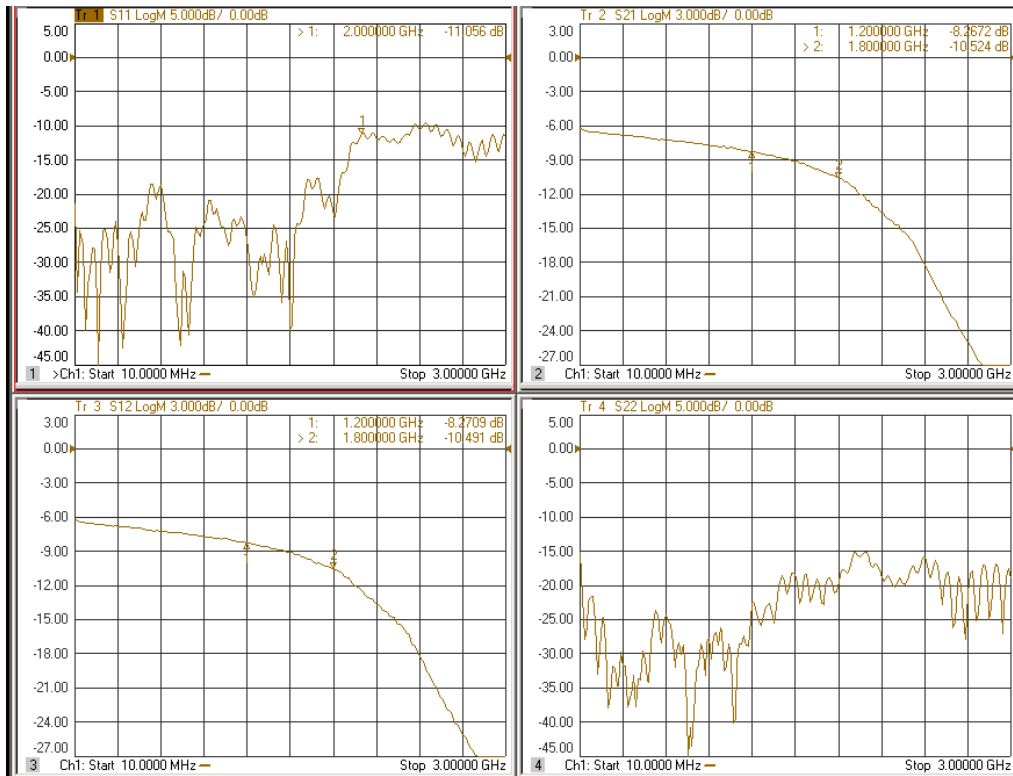


Figure 50: Scattering matrix for channel 1J, polarization x and output 6dB2.

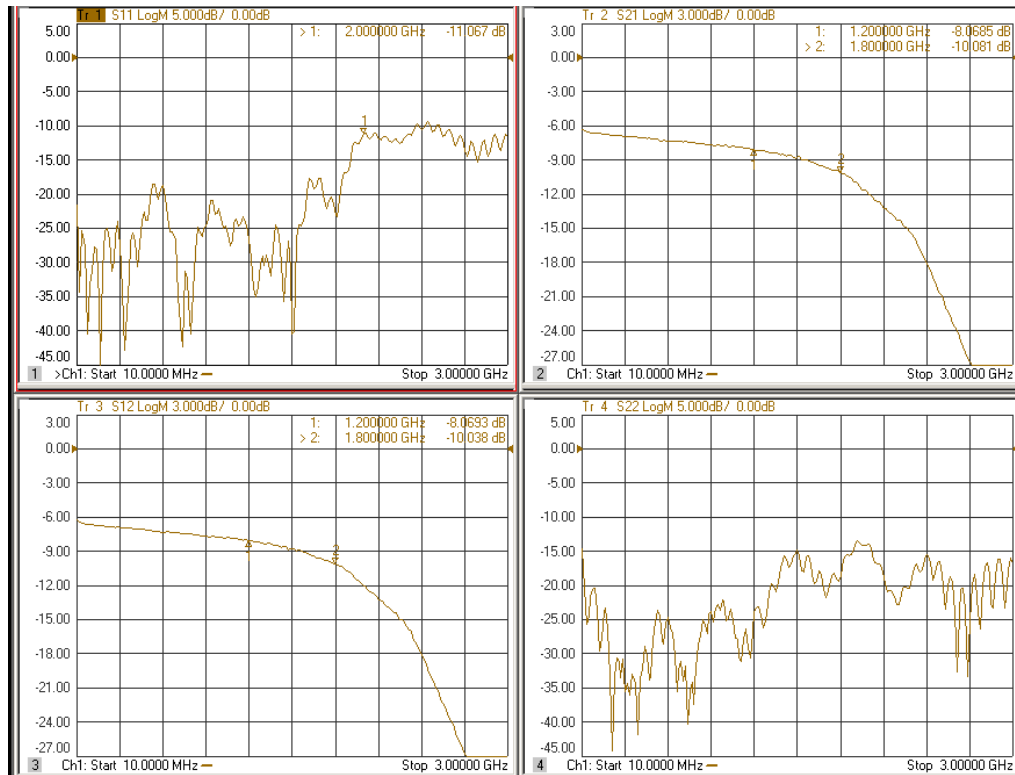


Figure 51: Scattering matrix for channel 1J, polarization x and output 6dB3.

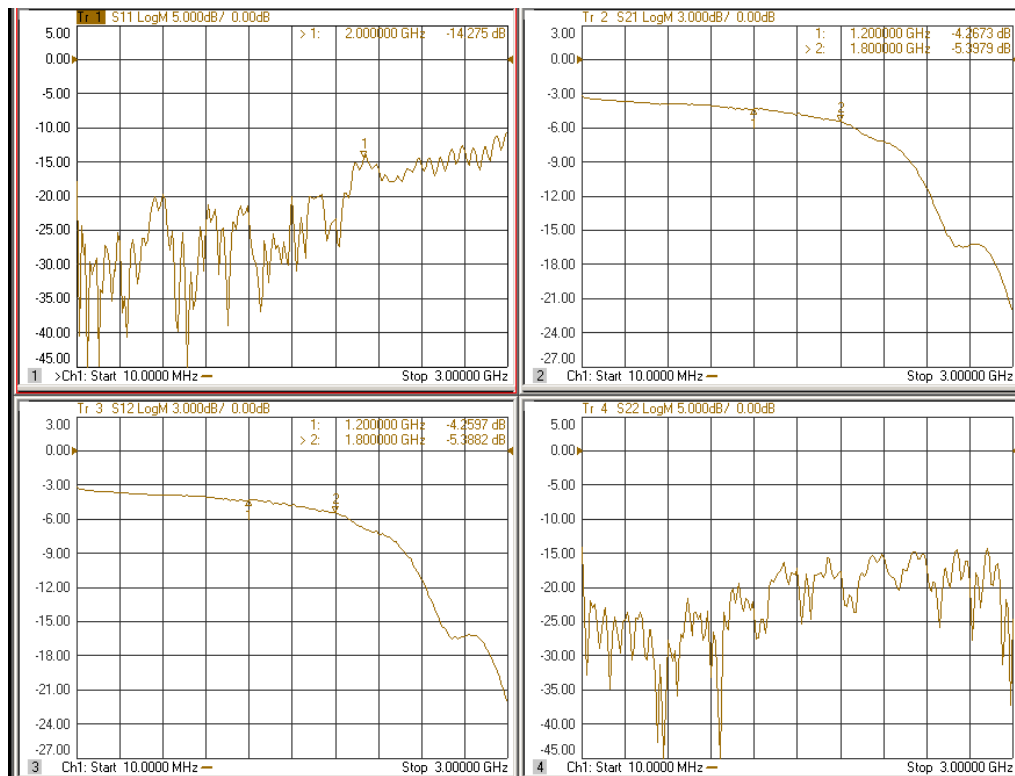


Figure 52: Scattering matrix for channel 1J, polarization y and output 3dB1.

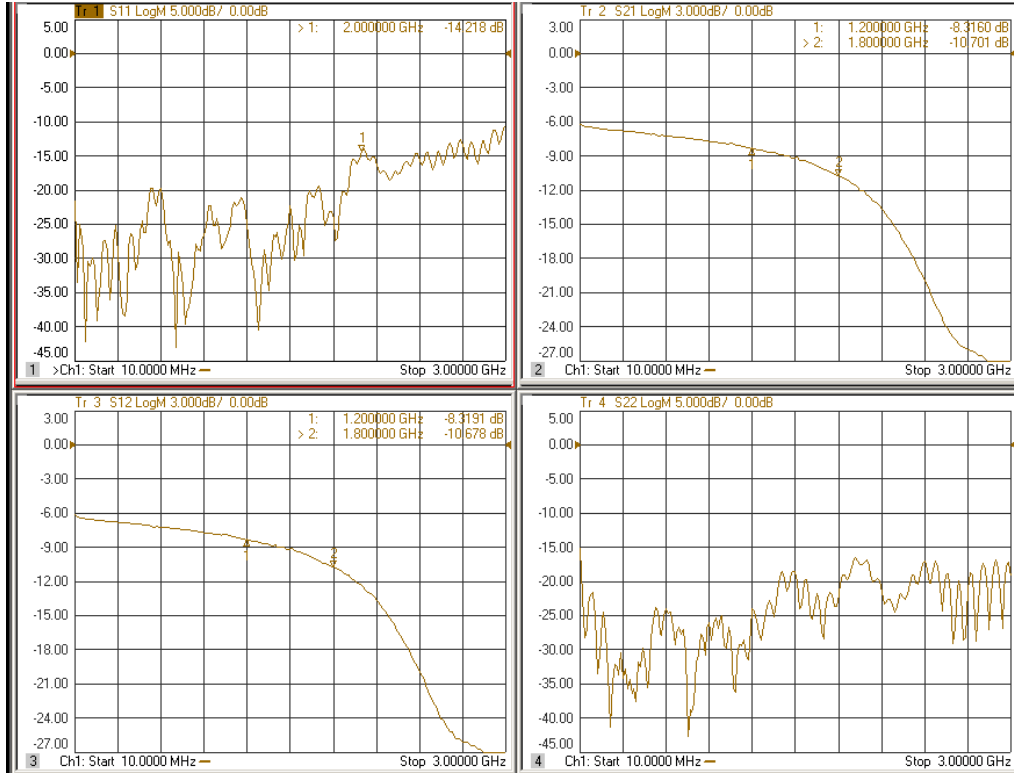


Figure 53: Scattering matrix for channel 1J, polarization y and output 6dB2.

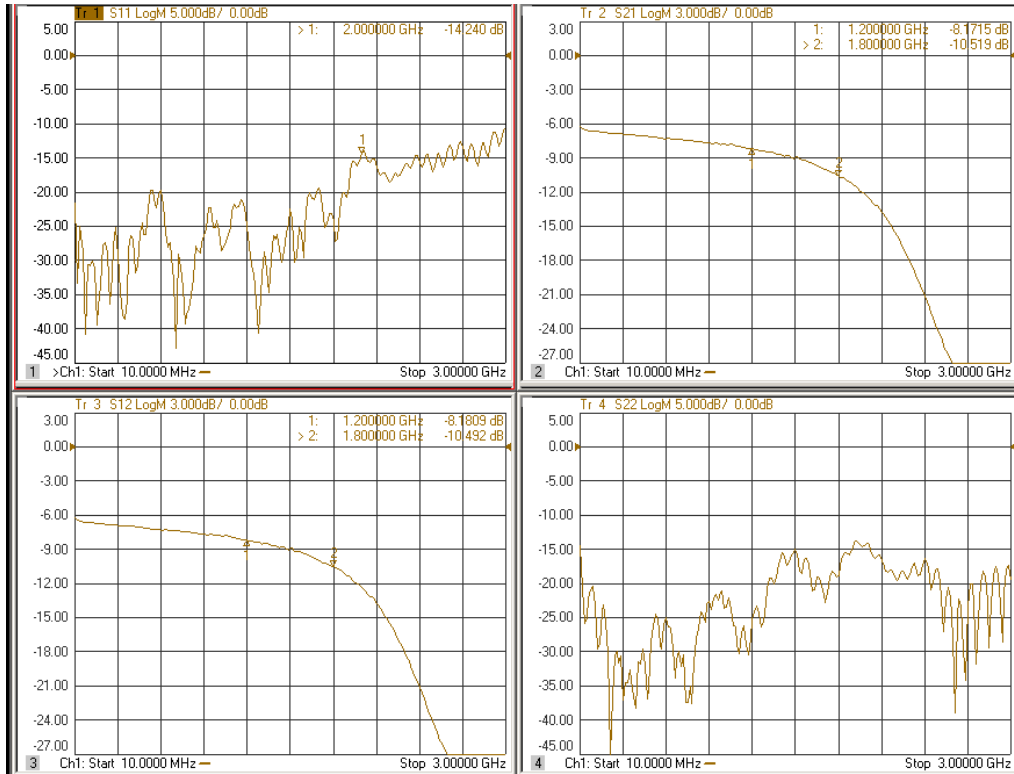


Figure 54: Scattering matrix for channel 1J, polarization y and output 6dB3.

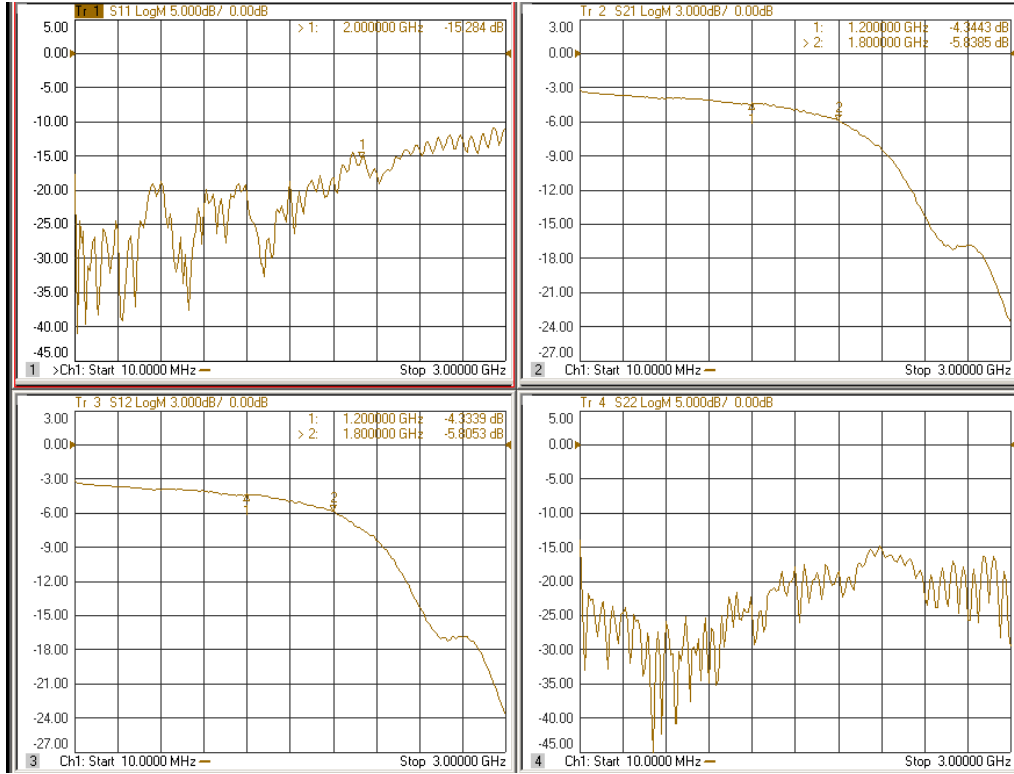


Figure 55: Scattering matrix for channel 1K, polarization x and output 3dB1.

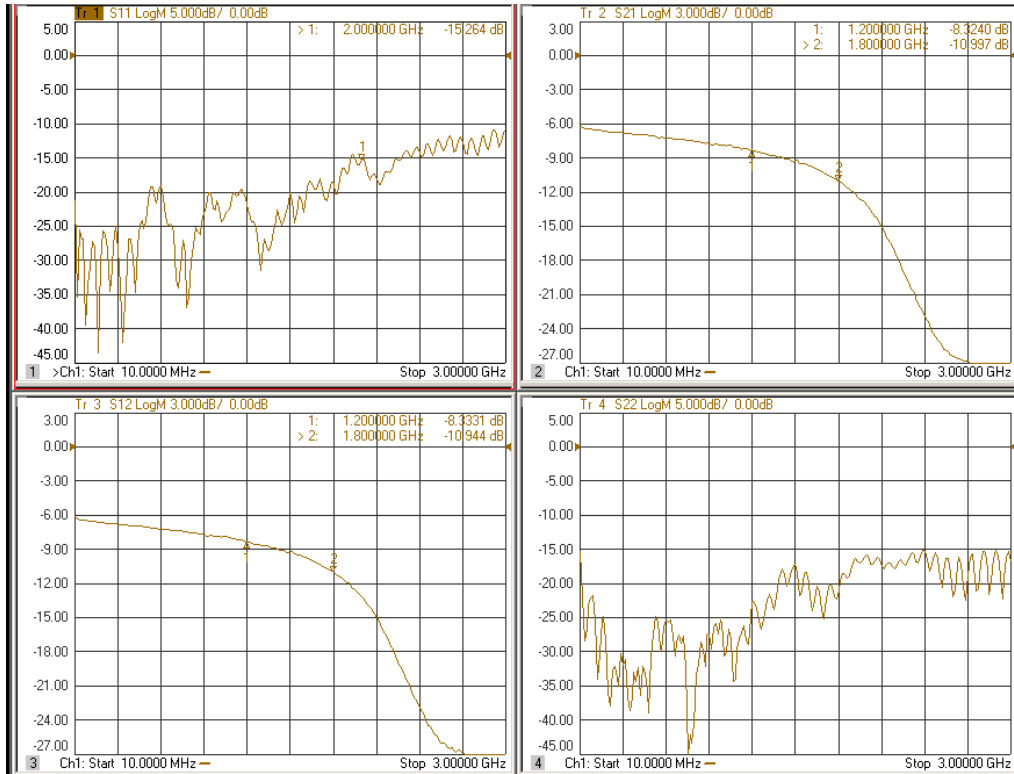


Figure 56: Scattering matrix for channel 1K, polarization x and output 6dB2.

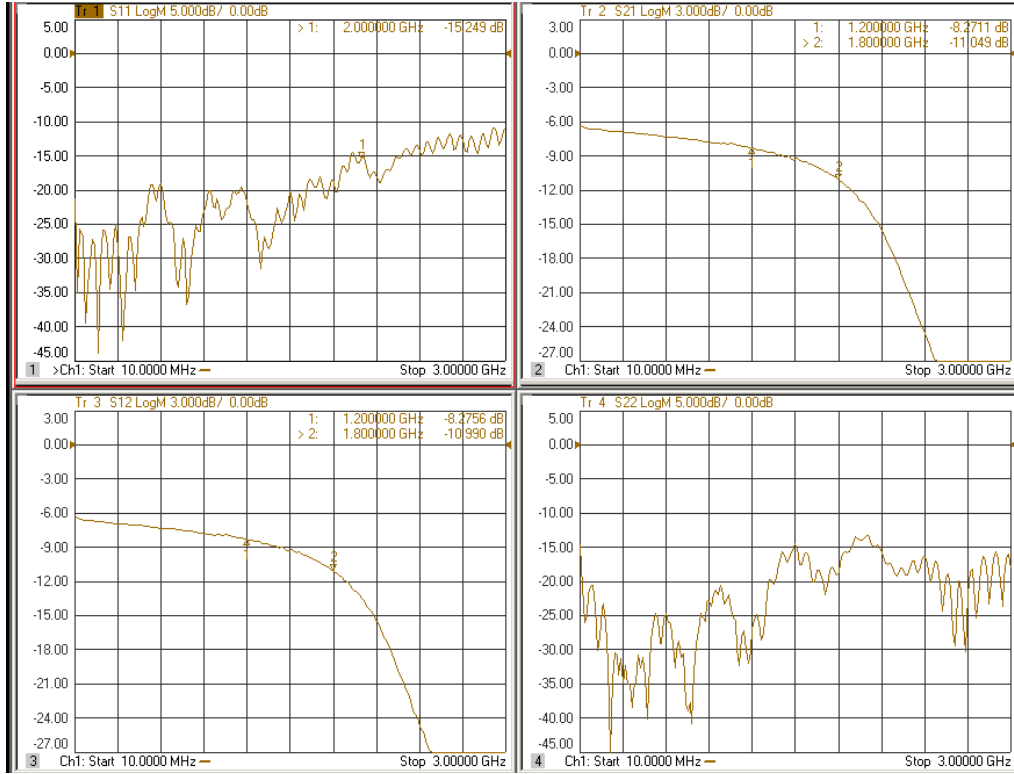


Figure 57: Scattering matrix for channel 1K, polarization x and output 6dB3.

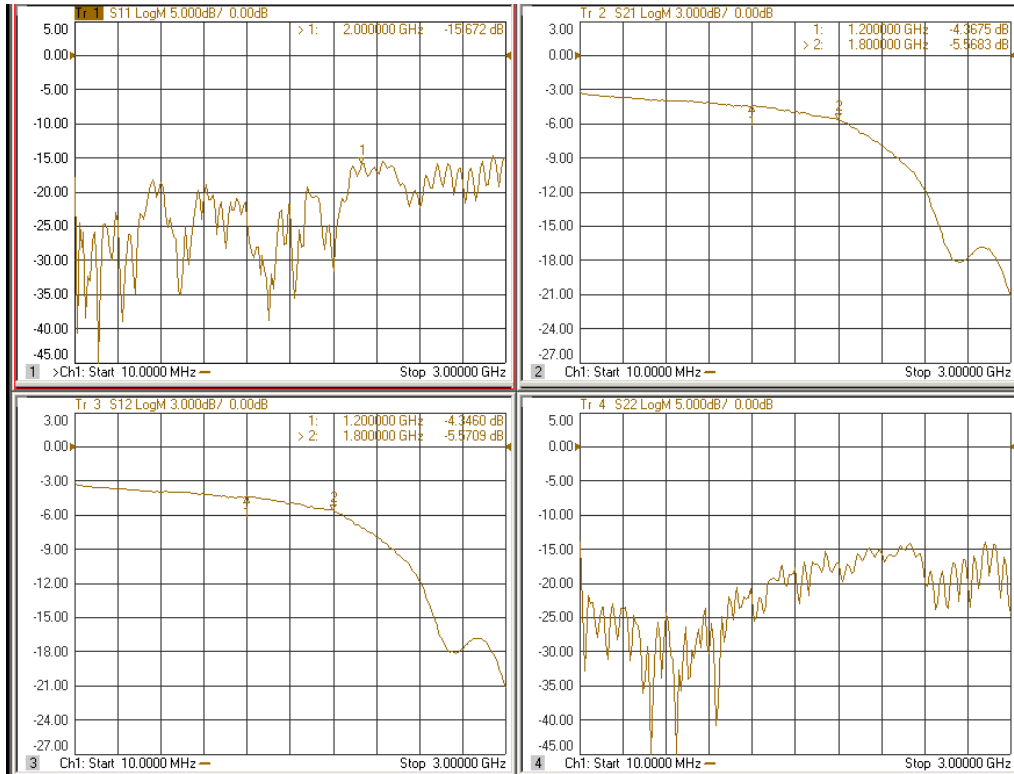


Figure 58: Scattering matrix for channel 1K, polarization y and output 3dB1.

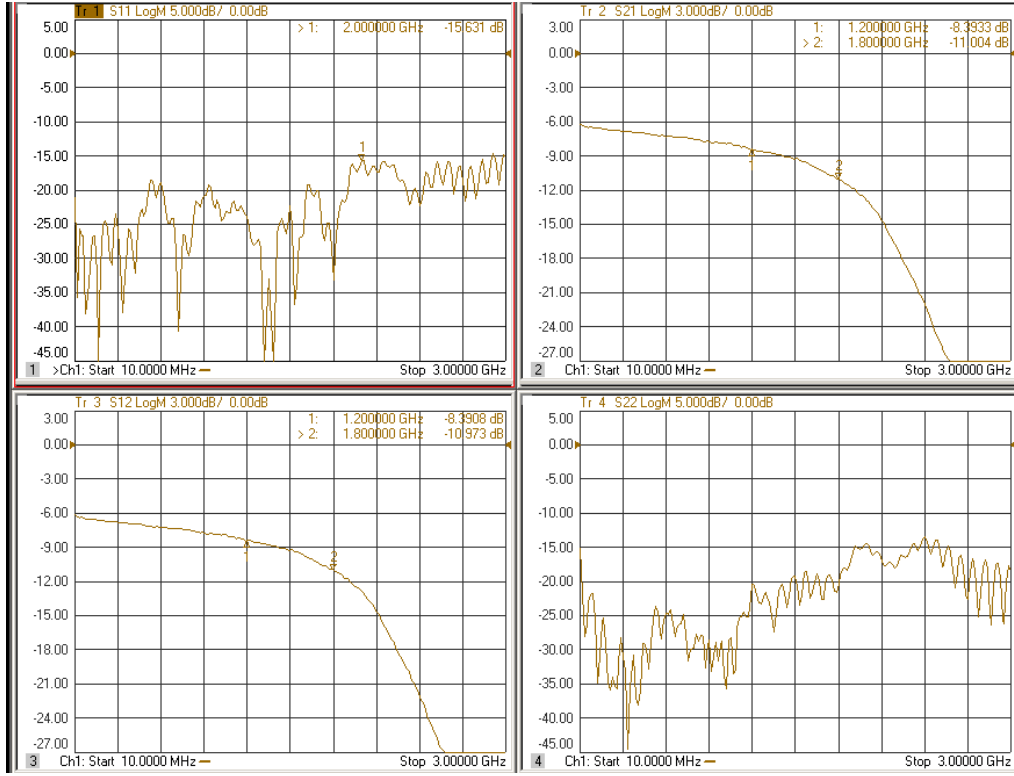


Figure 59: Scattering matrix for channel 1K, polarization y and output 6dB2.

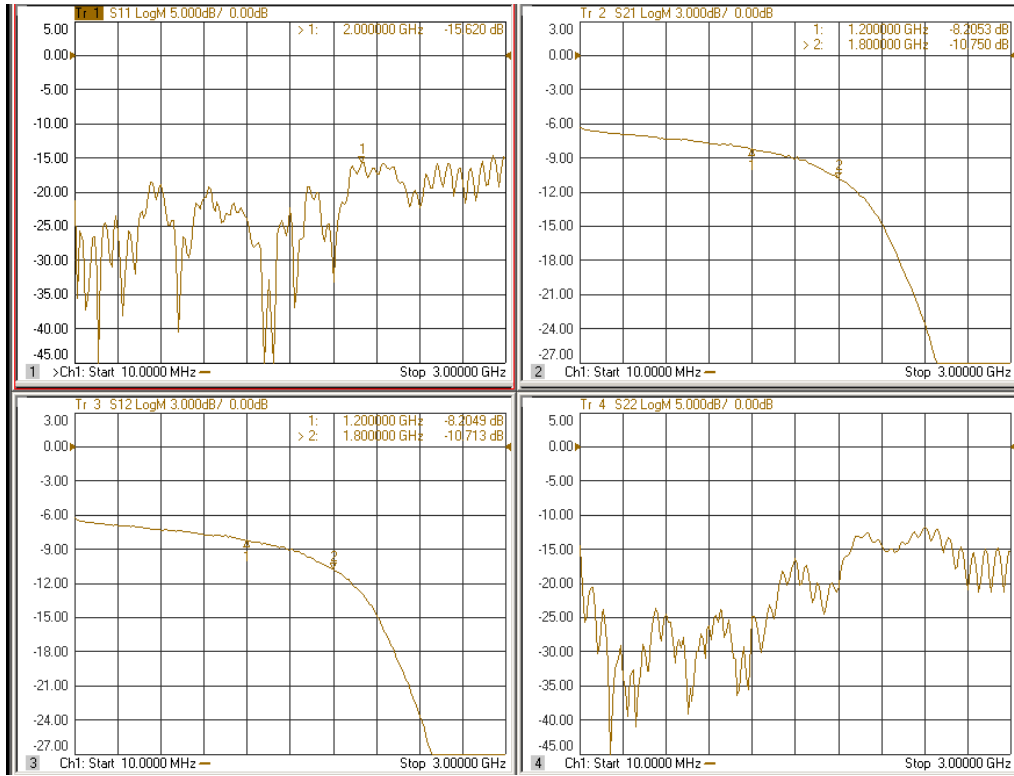


Figure 60: Scattering matrix for channel 1K, polarization y and output 6dB3.

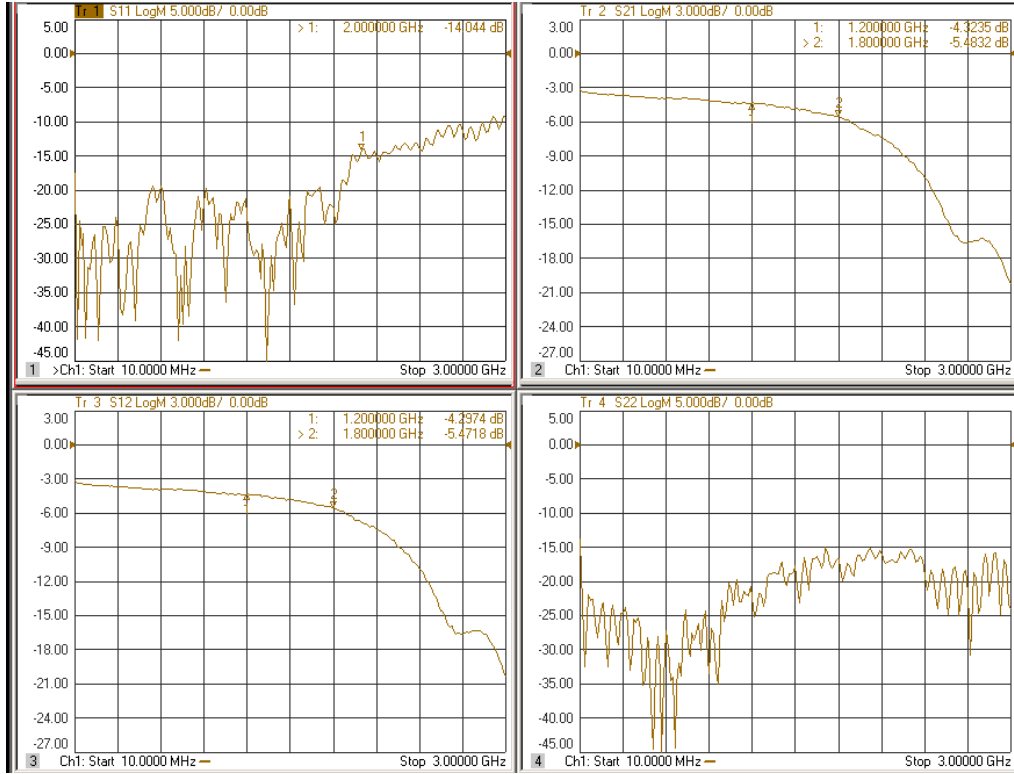


Figure 61: Scattering matrix for channel 2A, polarization x and output 3dB1.

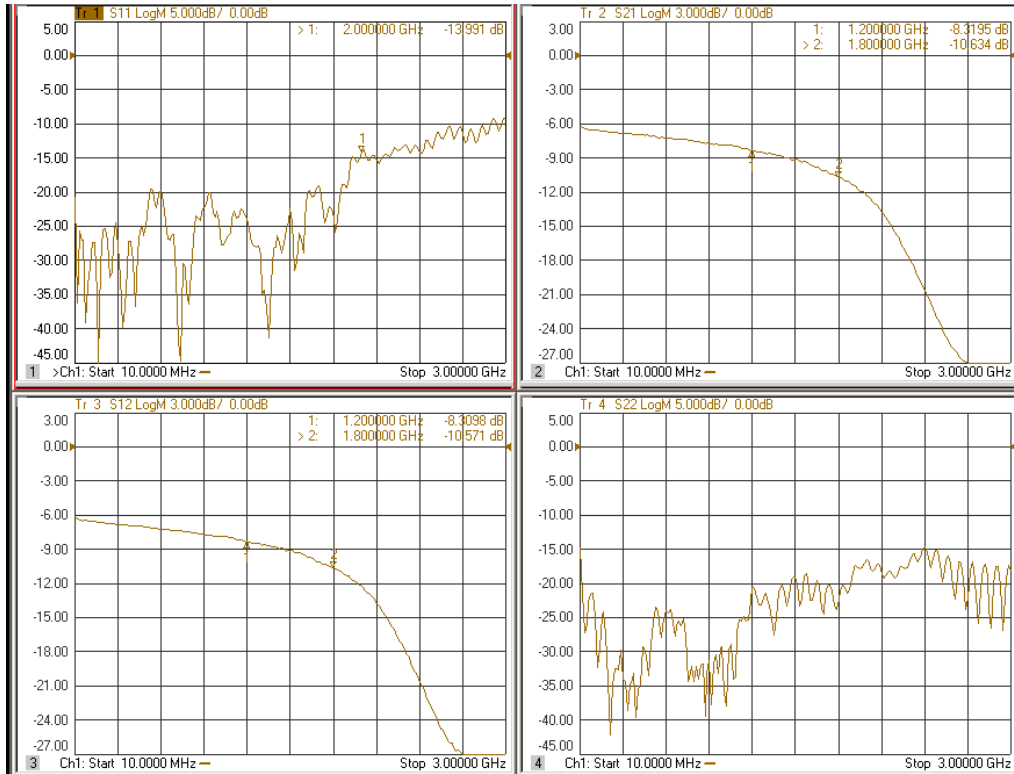


Figure 62: Scattering matrix for channel 2A, polarization x and output 6dB2.

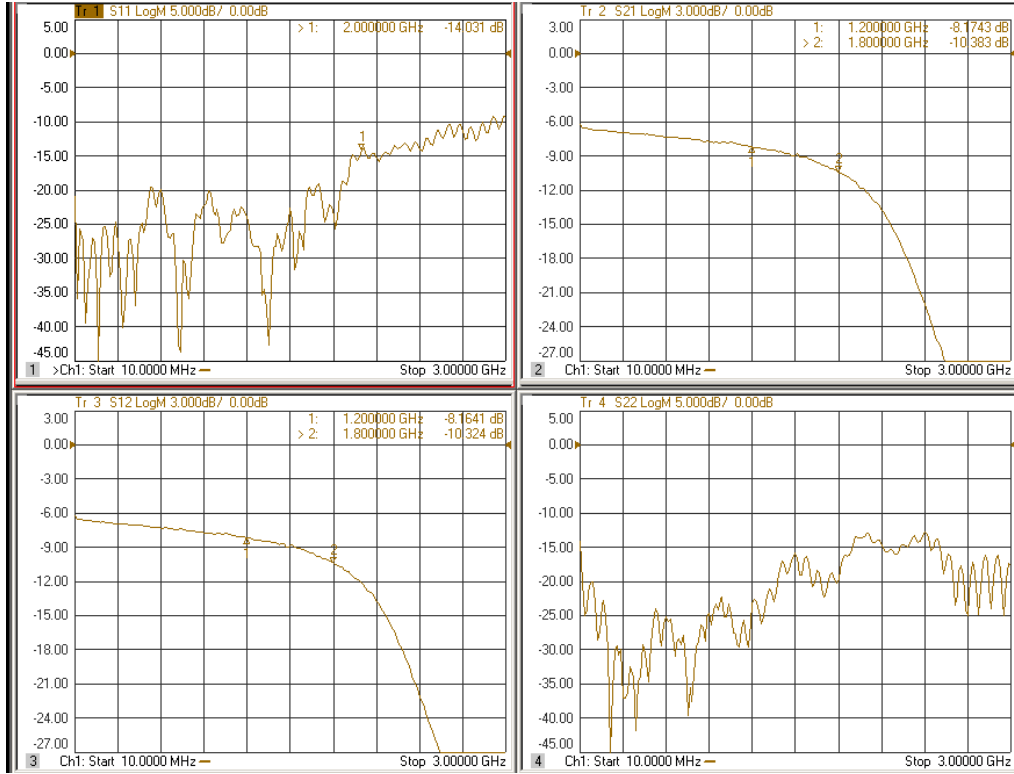


Figure 63: Scattering matrix for channel 2A, polarization x and output 6dB3.

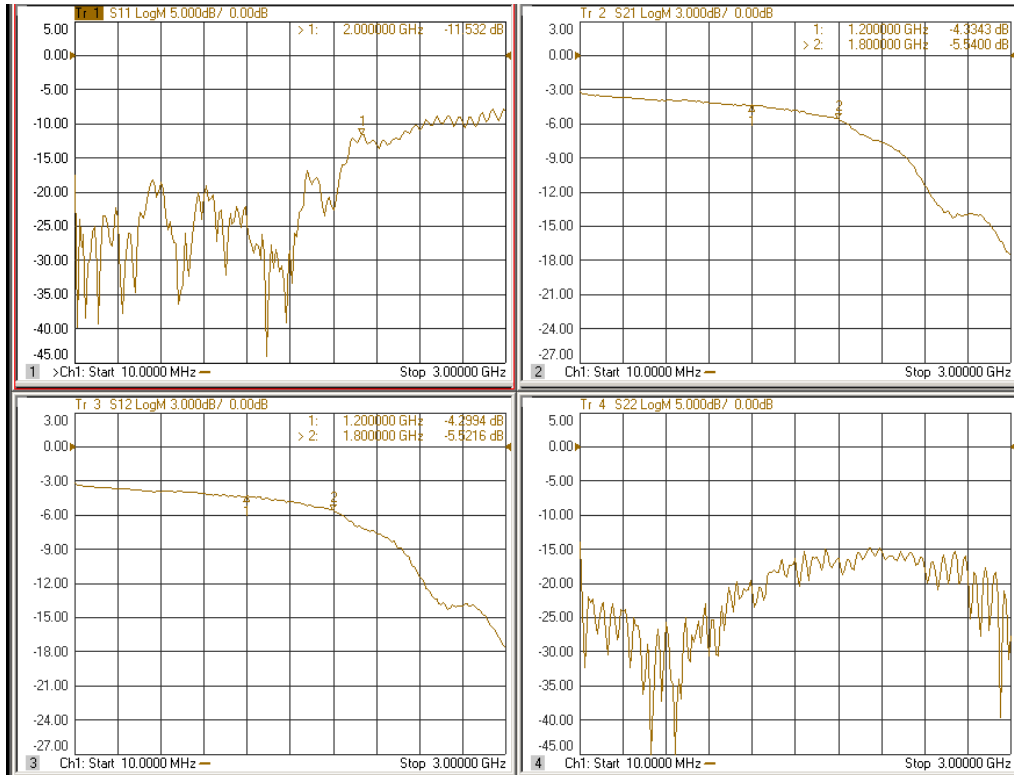


Figure 64: Scattering matrix for channel 2A, polarization y and output 3dB1.

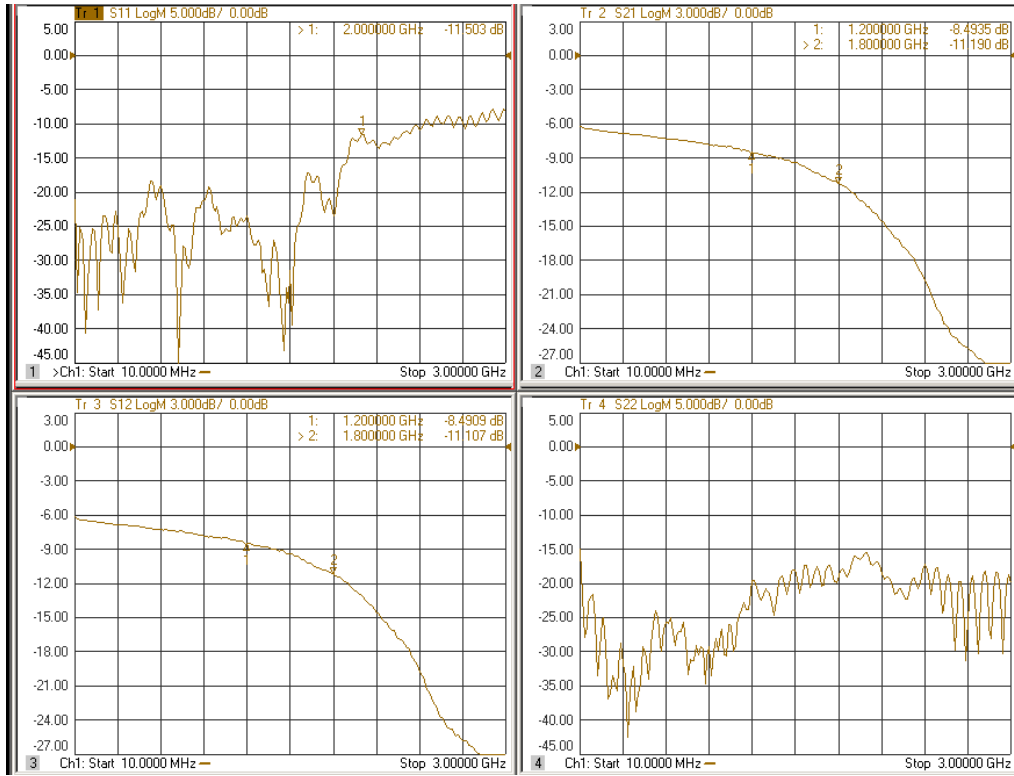


Figure 65: Scattering matrix for channel 2A, polarization y and output 6dB2.

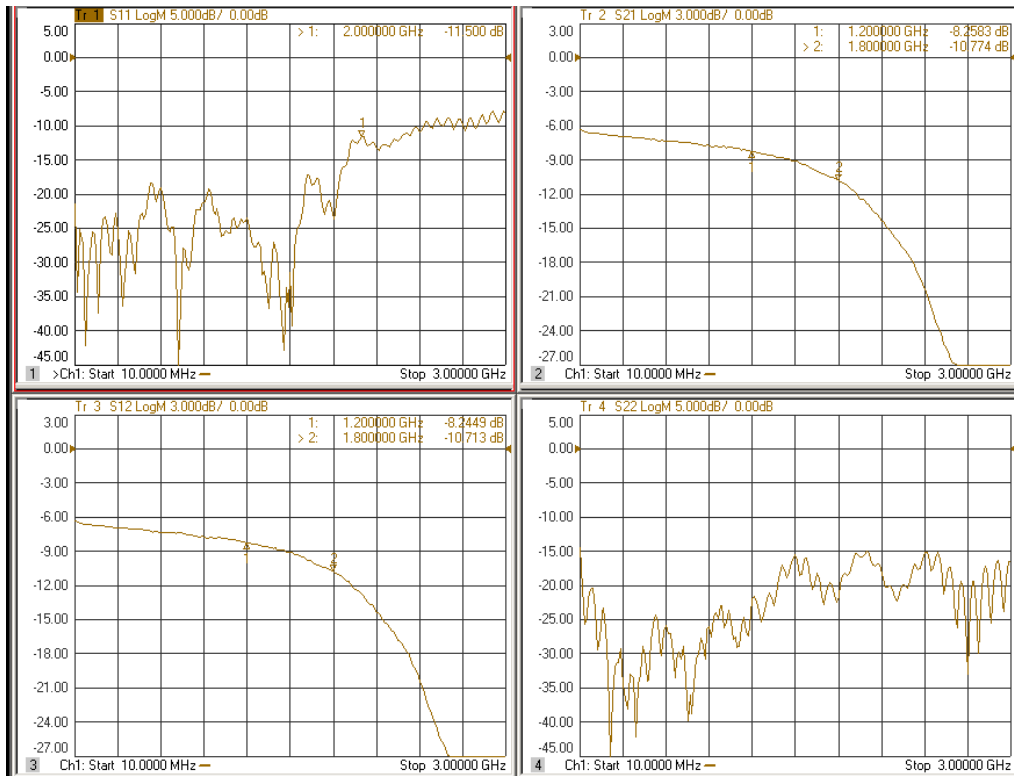


Figure 66: Scattering matrix for channel 2A, polarization y and output 6dB3.

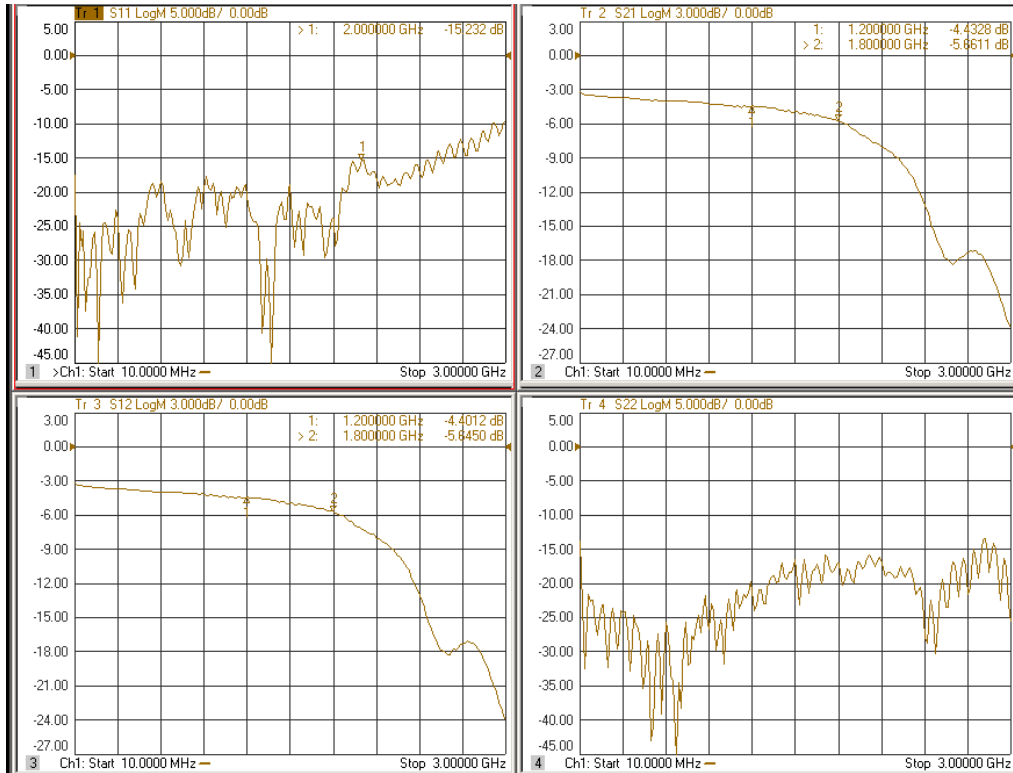


Figure 67: Scattering matrix for channel 2B, polarization x and output 3dB1.

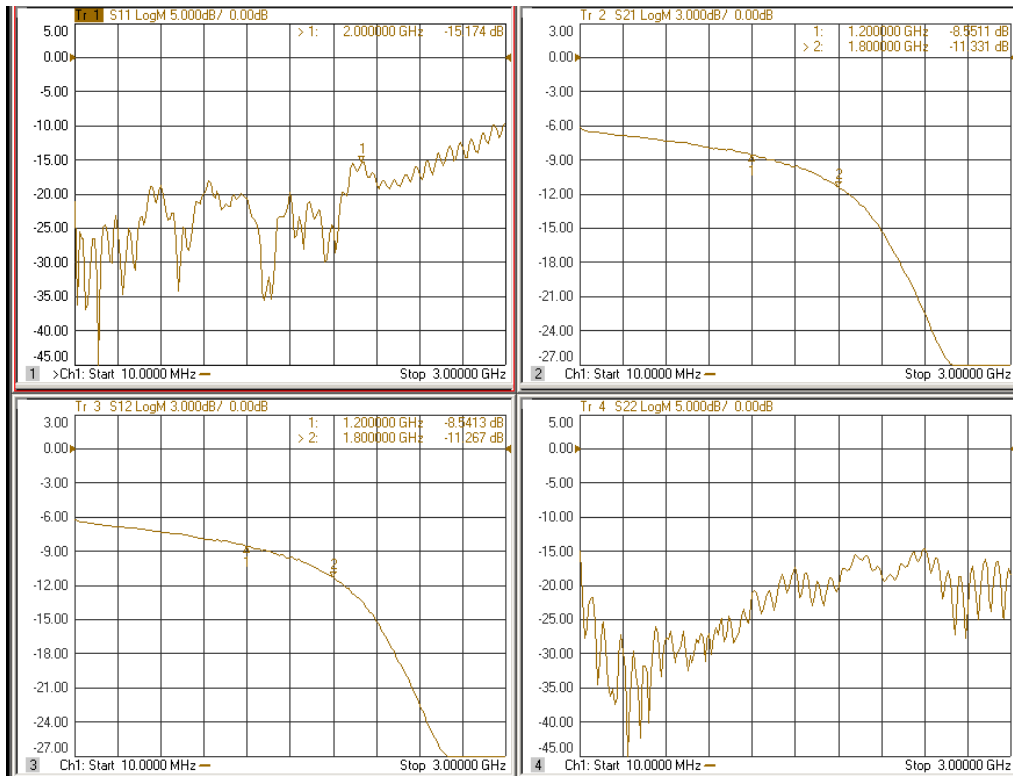


Figure 68: Scattering matrix for channel 2B, polarization x and output 6dB2.

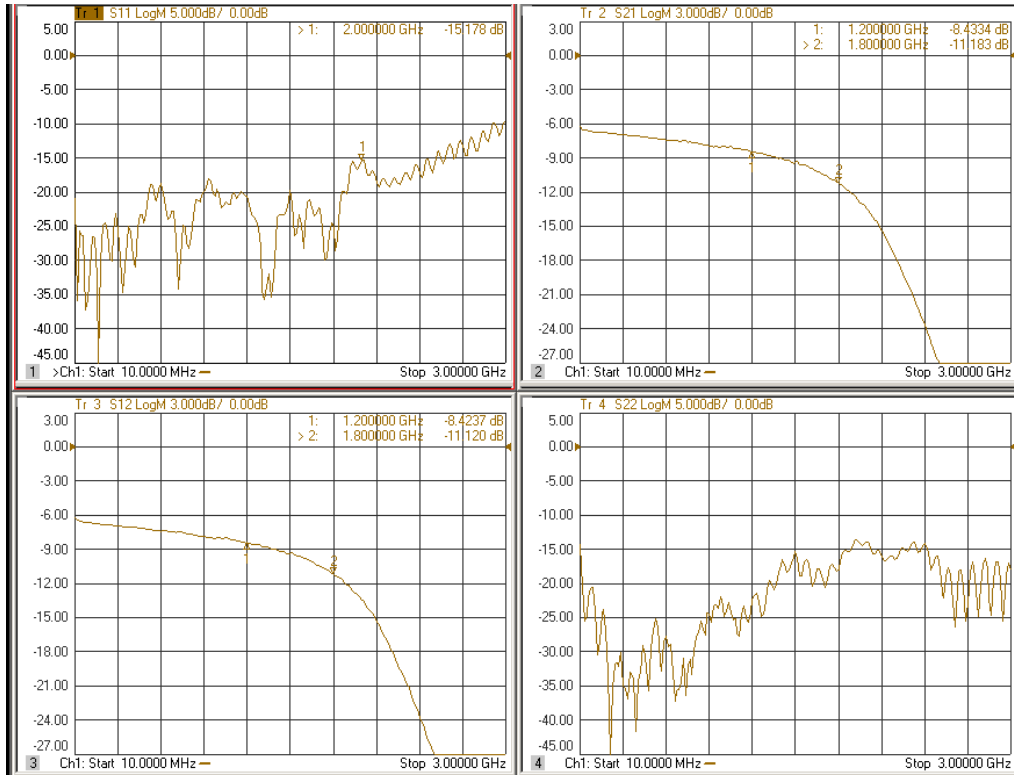


Figure 69: Scattering matrix for channel 2B, polarization x and output 6dB3.

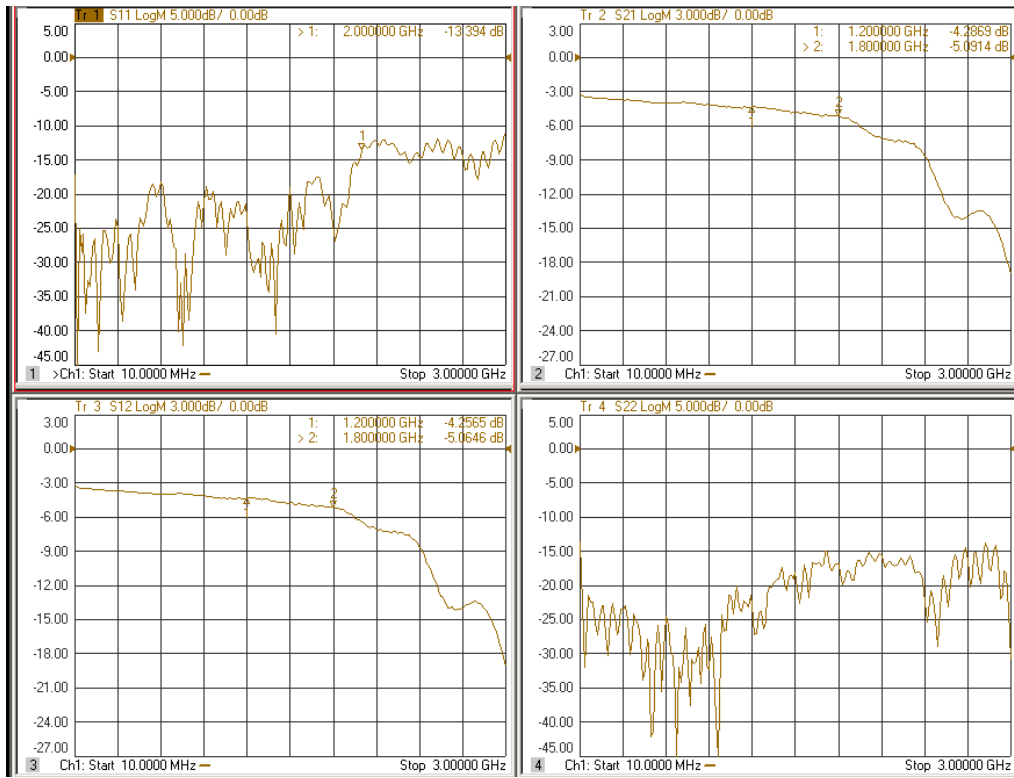


Figure 70: Scattering matrix for channel 2B, polarization y and output 3dB1.

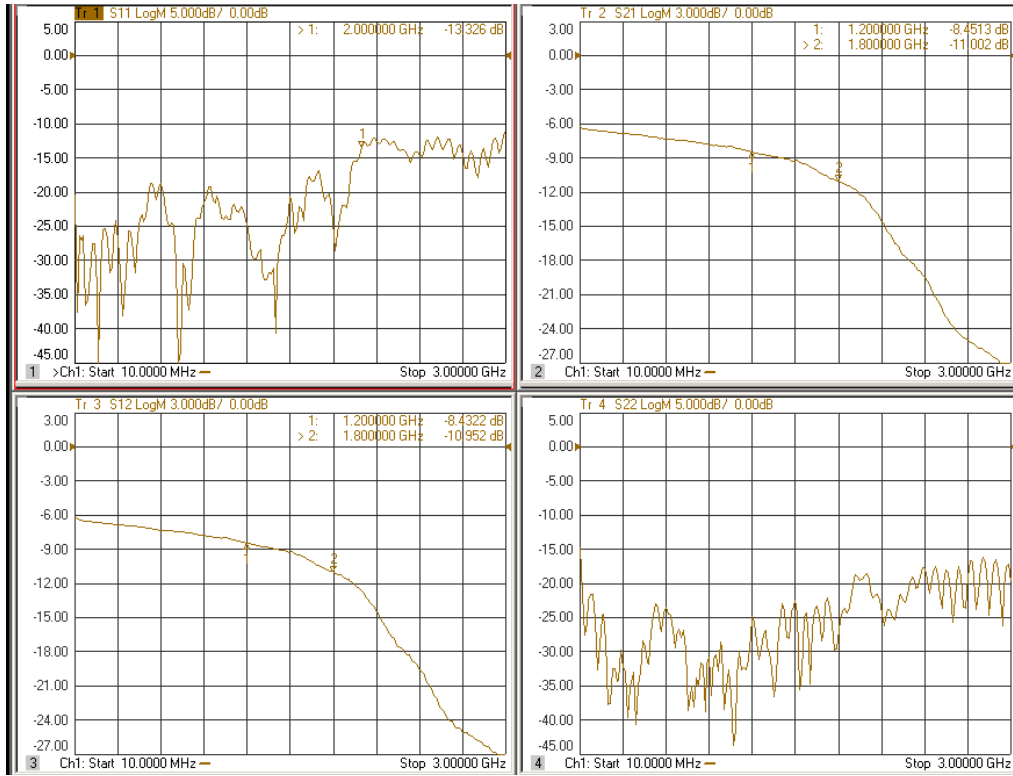


Figure 71: Scattering matrix for channel 2B, polarization y and output 6dB2.

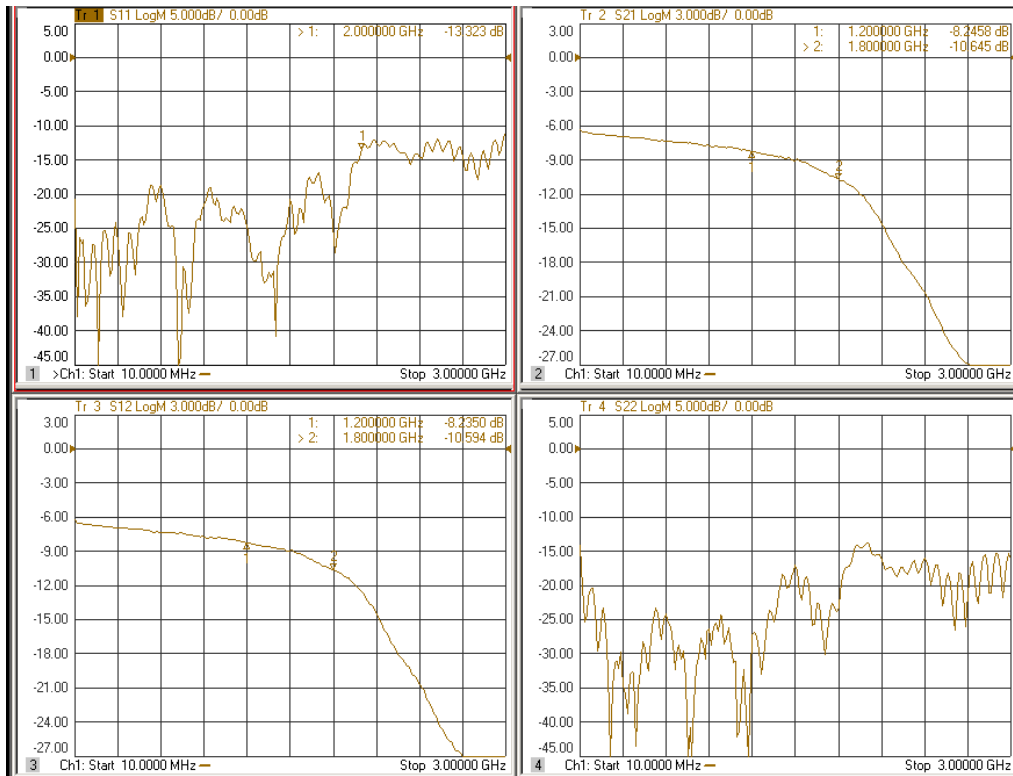


Figure 72: Scattering matrix for channel 2B, polarization y and output 6dB3.

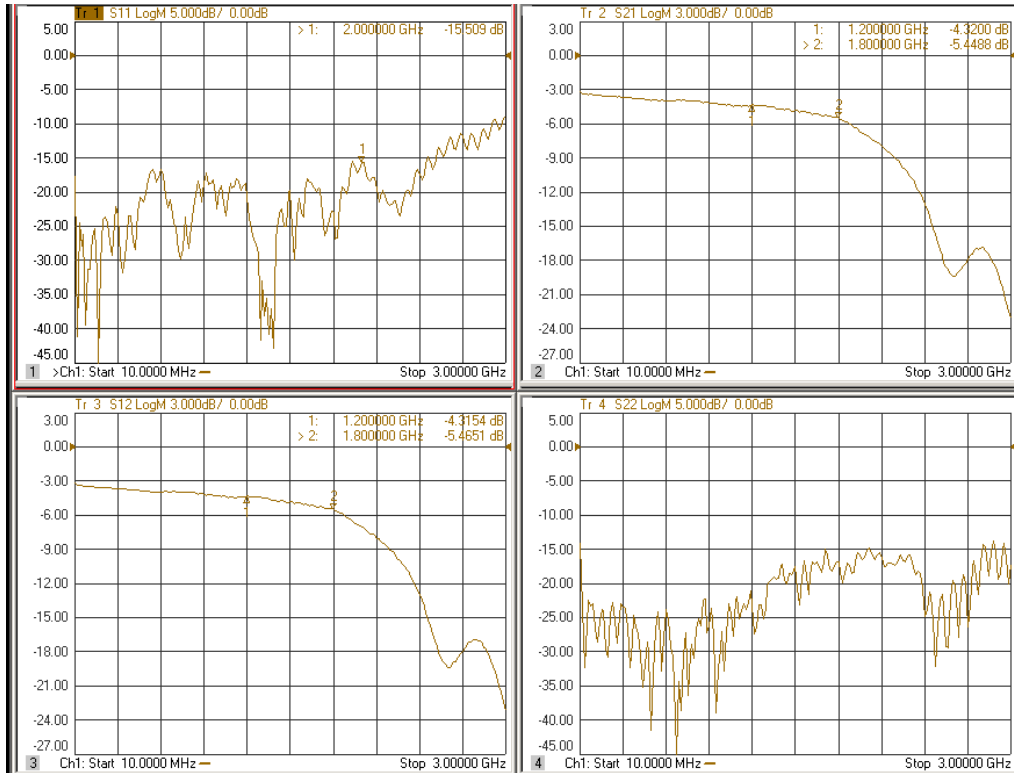


Figure 73: Scattering matrix for channel 2C, polarization x and output 3dB1.

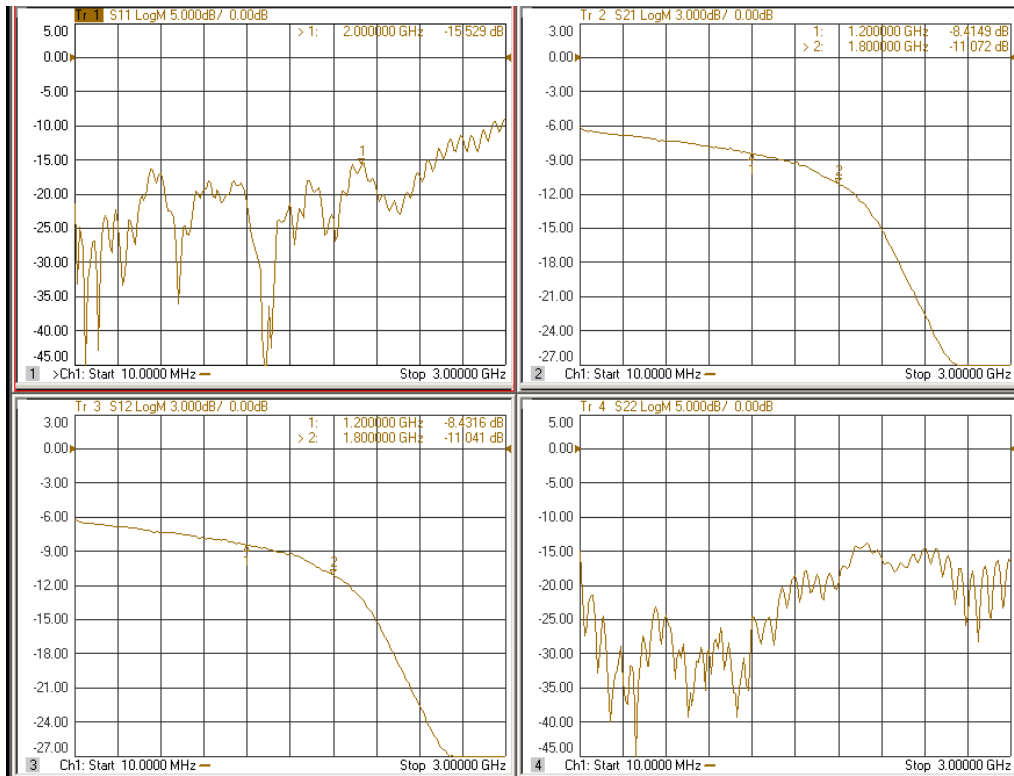


Figure 74: Scattering matrix for channel 2C, polarization x and output 6dB2.

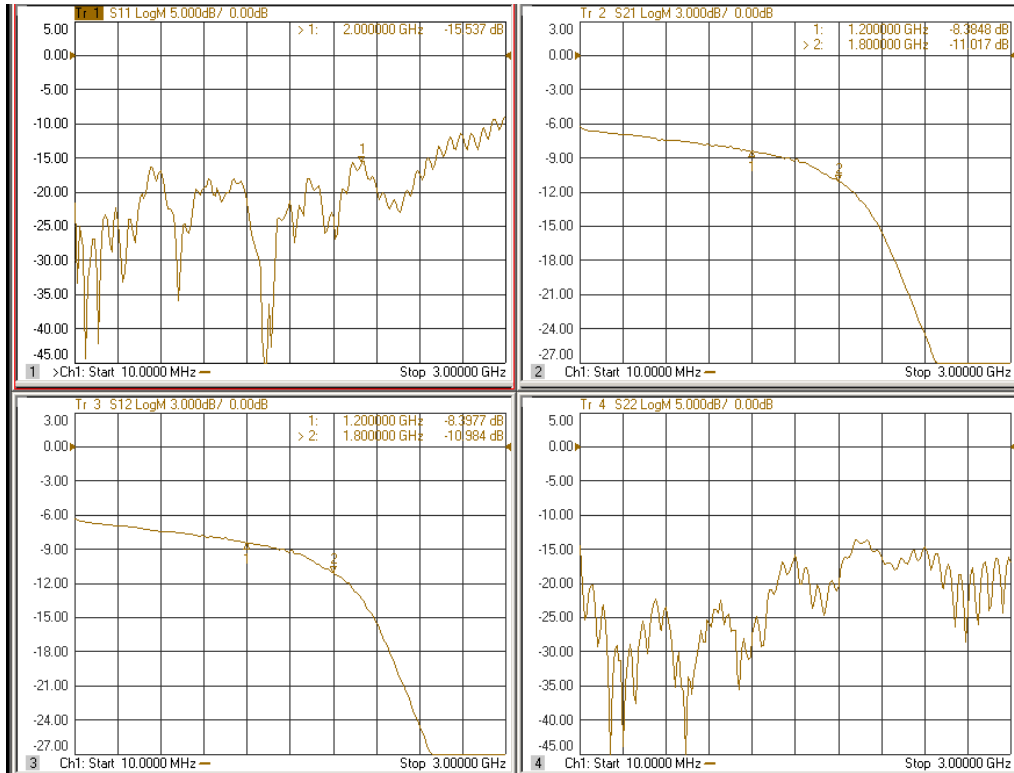


Figure 75: Scattering matrix for channel 2C, polarization x and output 6dB3.

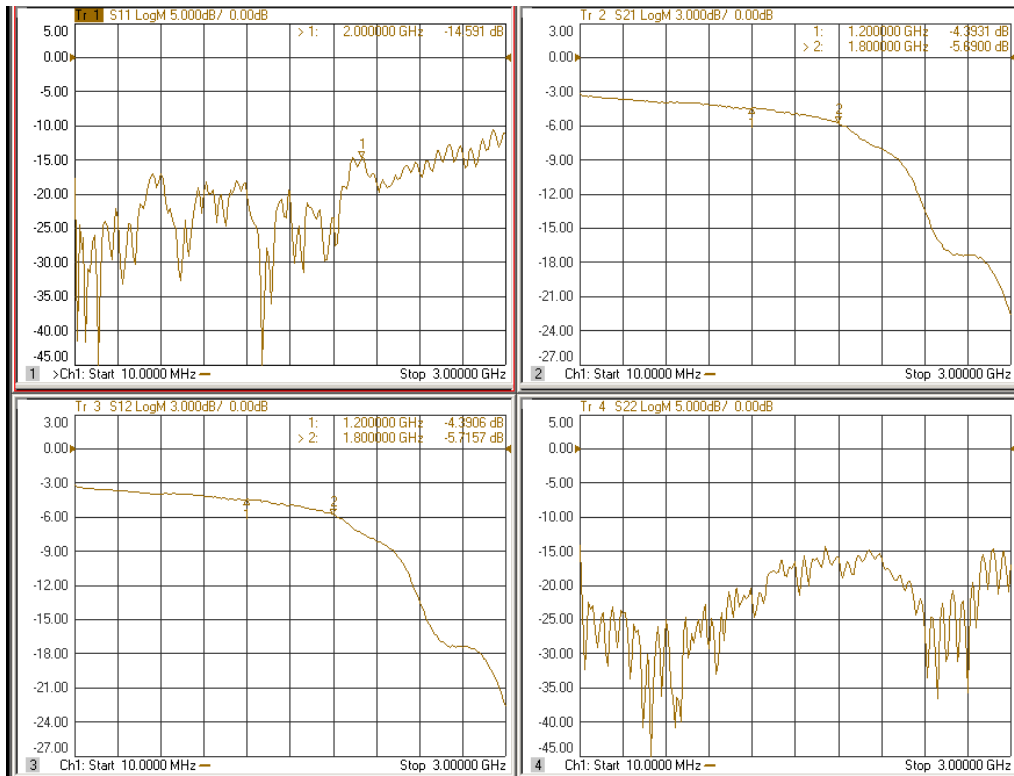


Figure 76: Scattering matrix for channel 2C, polarization y and output 3dB1.

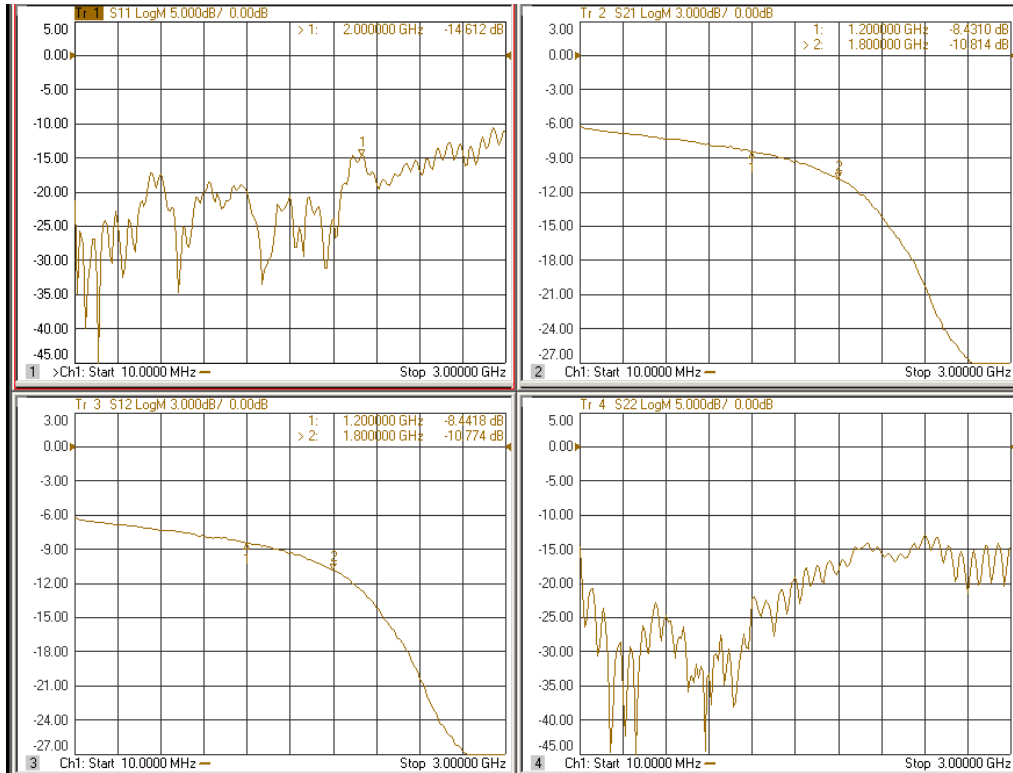


Figure 77: Scattering matrix for channel 2C, polarization y and output 6dB2.

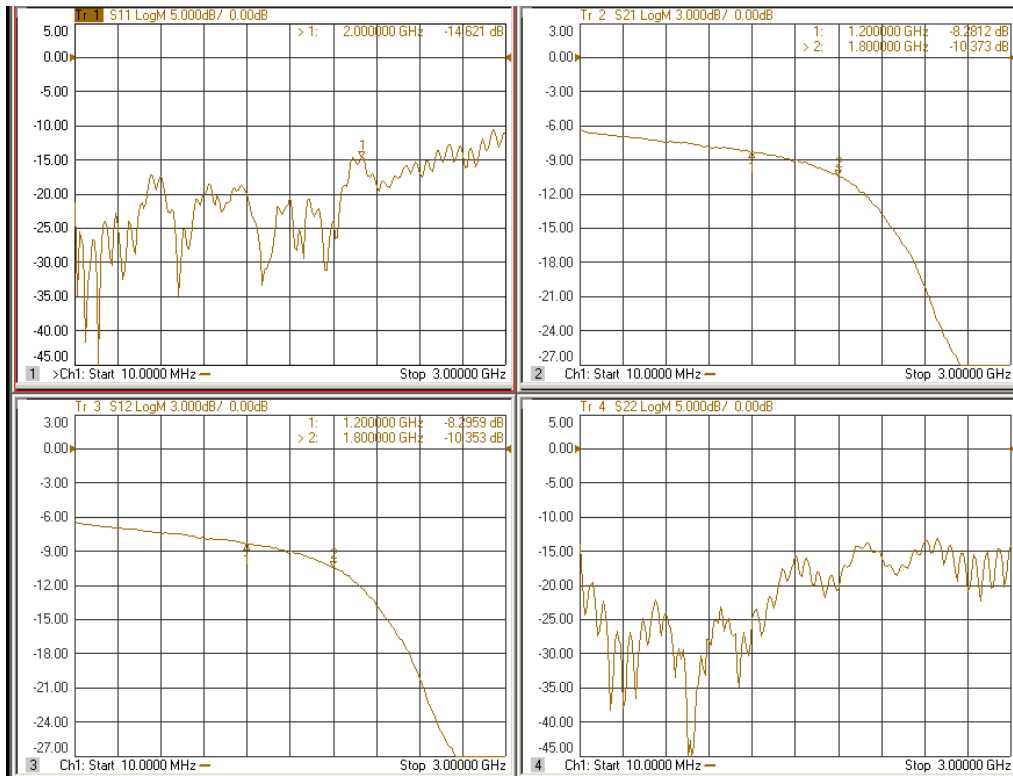


Figure 78: Scattering matrix for channel 2C, polarization y and output 6dB3.

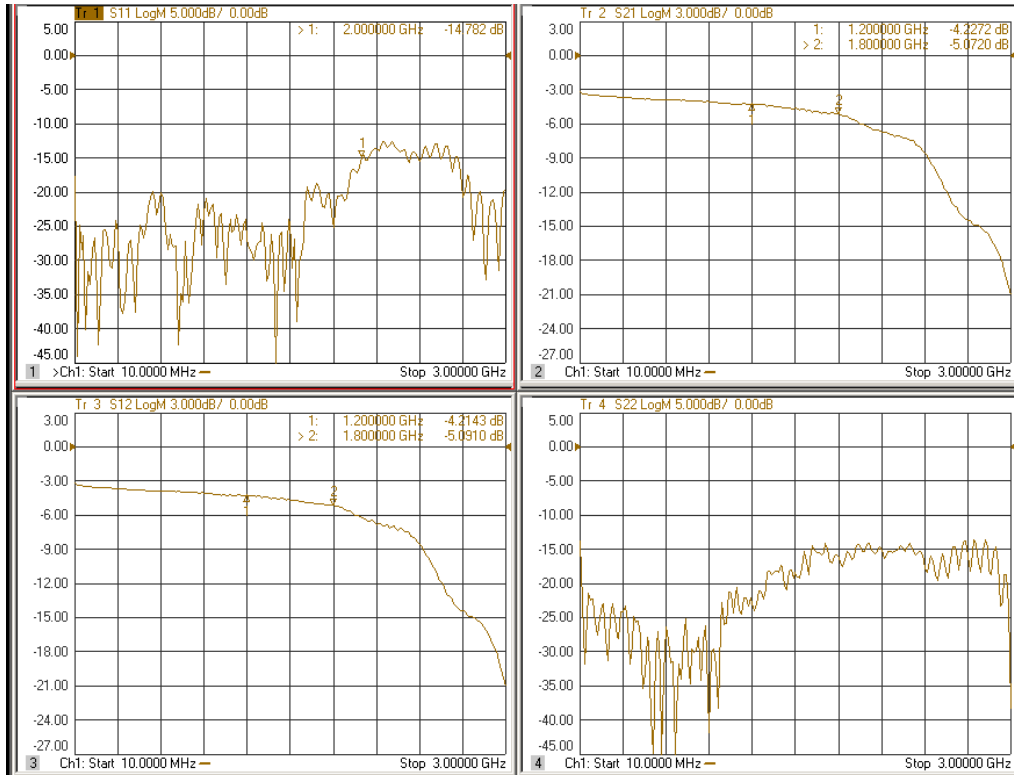


Figure 79: Scattering matrix for channel 2D, polarization x and output 3dB1.

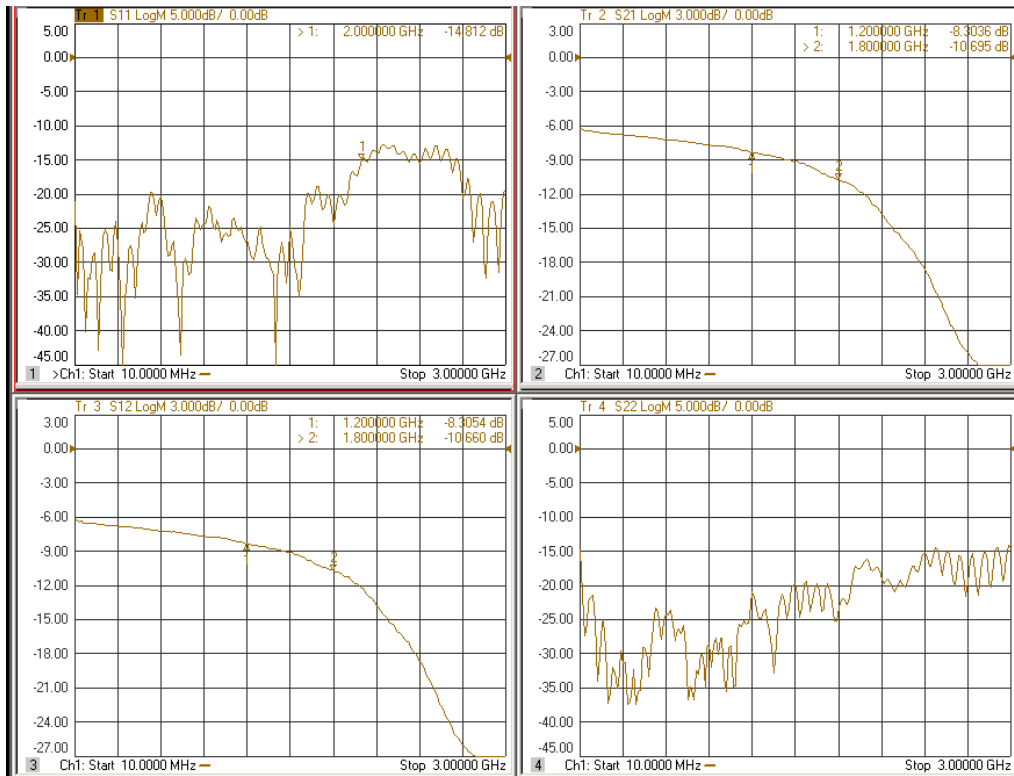


Figure 80: Scattering matrix for channel 2D, polarization x and output 6dB2.

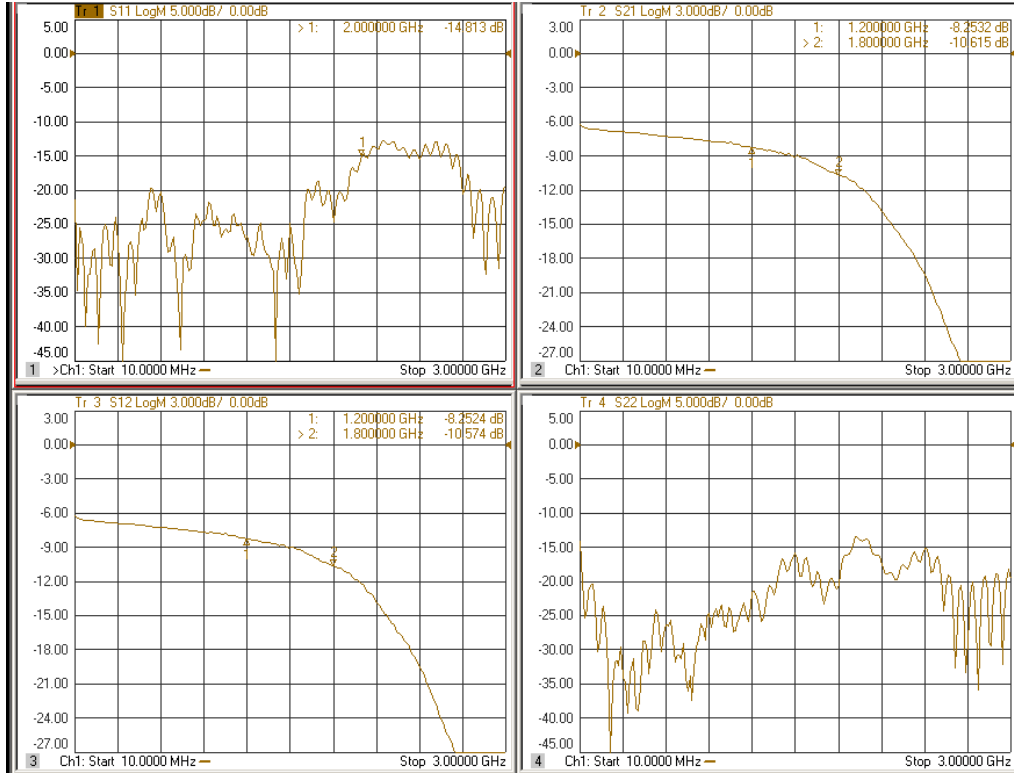


Figure 81: Scattering matrix for channel 2D, polarization x and output 6dB3.

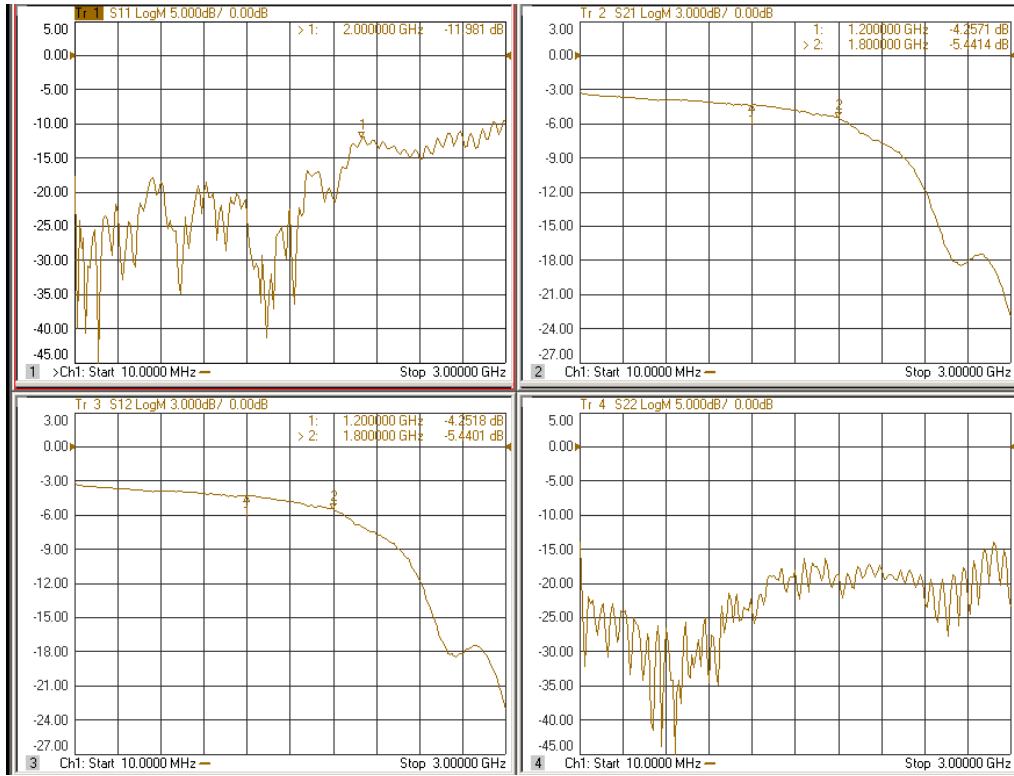


Figure 82: Scattering matrix for channel 2D, polarization y and output 3dB1.

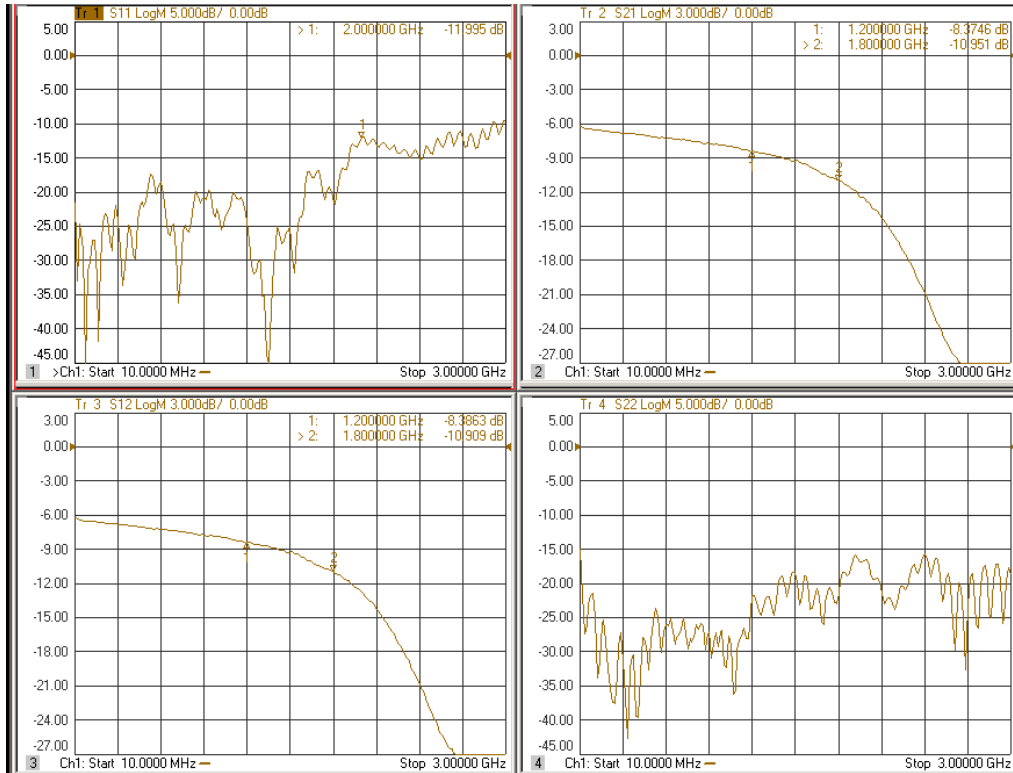


Figure 83: Scattering matrix for channel 2D, polarization y and output 6dB2.

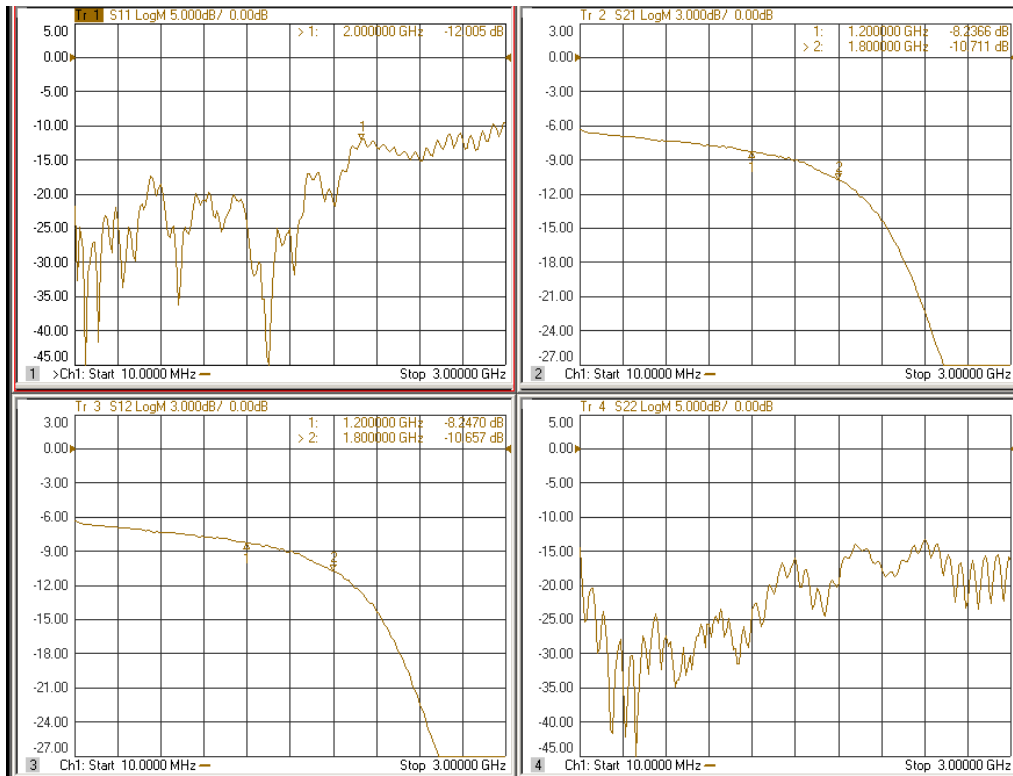


Figure 84: Scattering matrix for channel 2D, polarization y and output 6dB3.

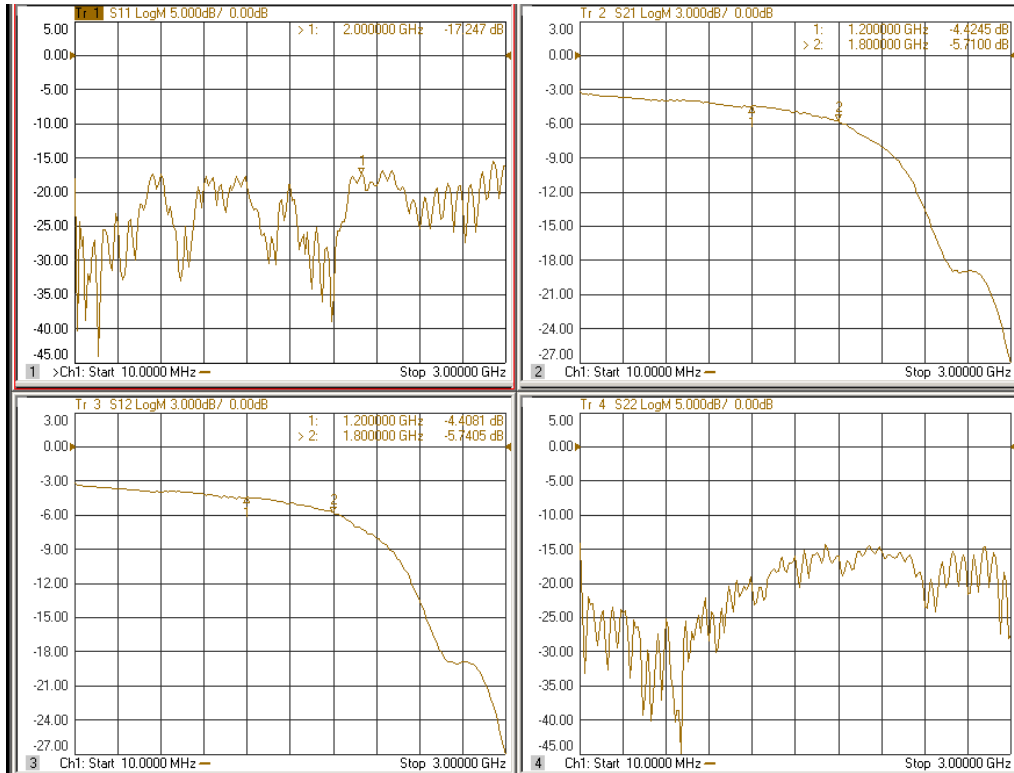


Figure 85: Scattering matrix for channel 2E, polarization x and output 3dB1.

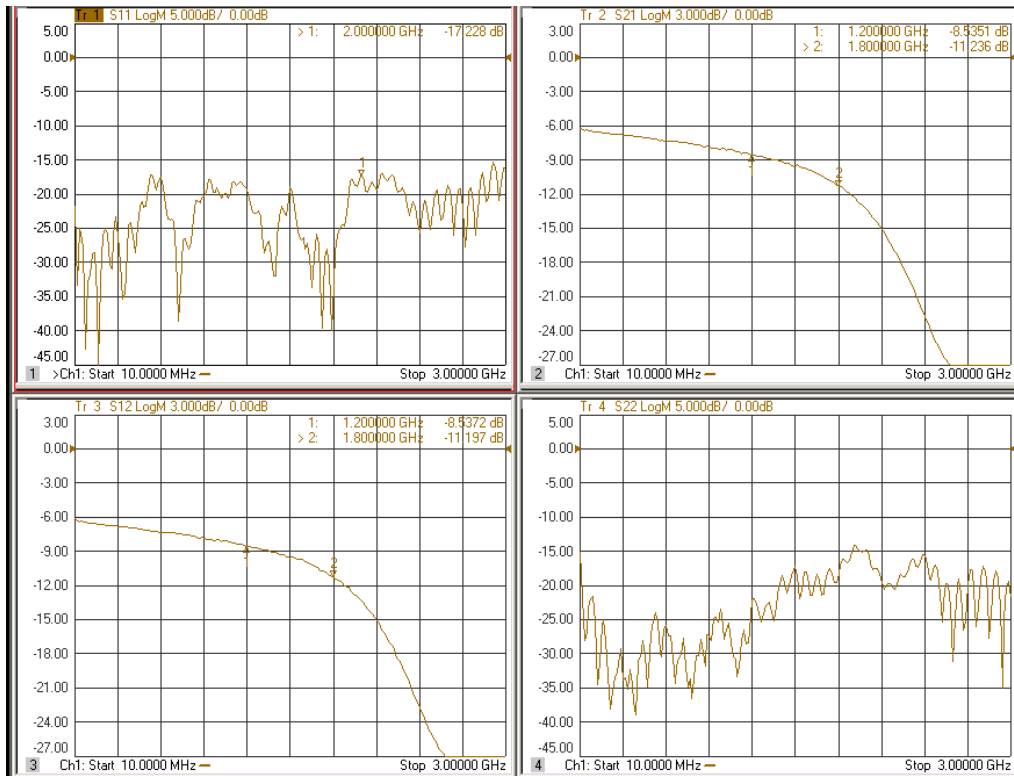


Figure 86: Scattering matrix for channel 2E, polarization x and output 6dB2.

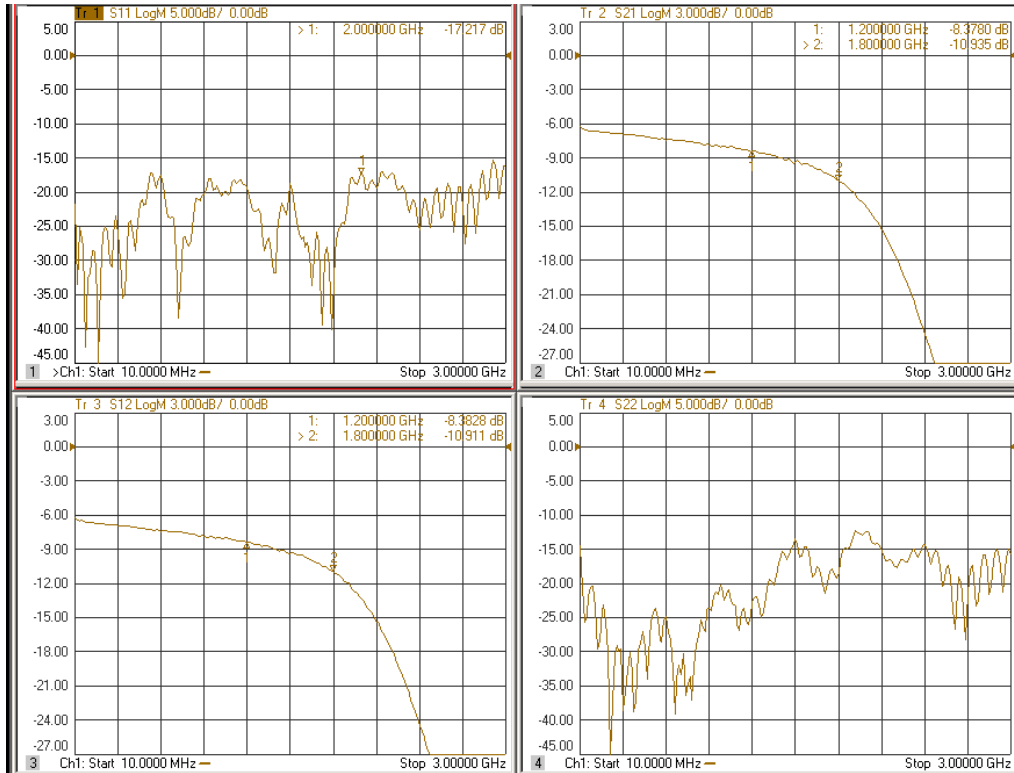


Figure 87: Scattering matrix for channel 2E, polarization x and output 6dB3.

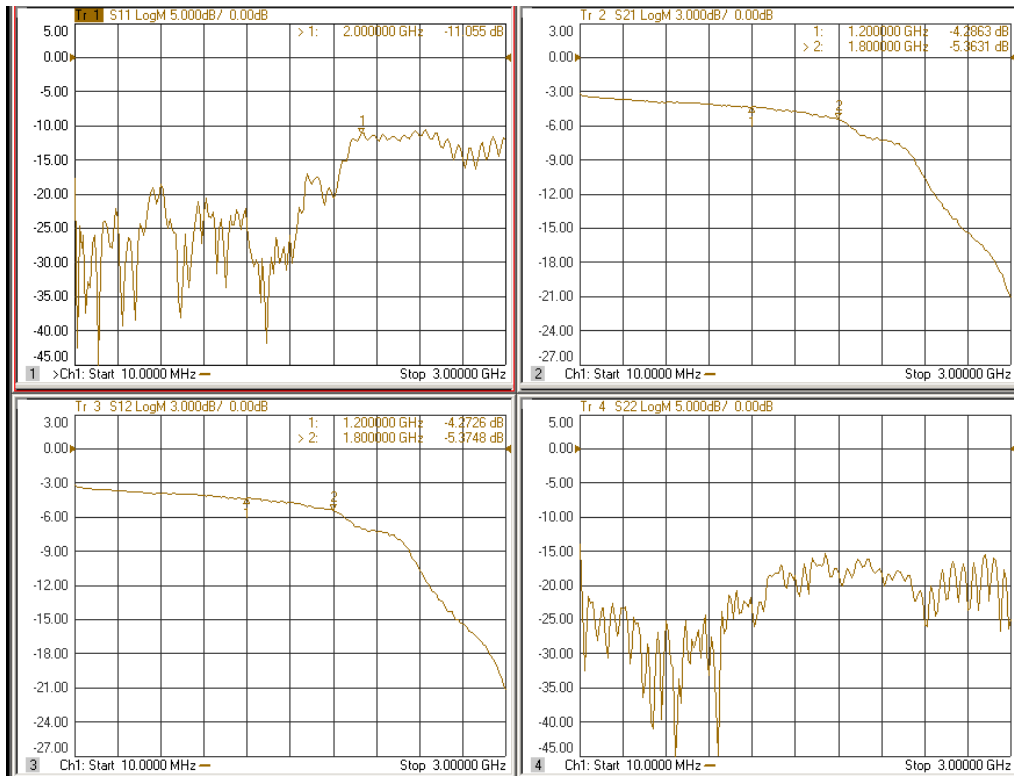


Figure 88: Scattering matrix for channel 2E, polarization y and output 3dB1.

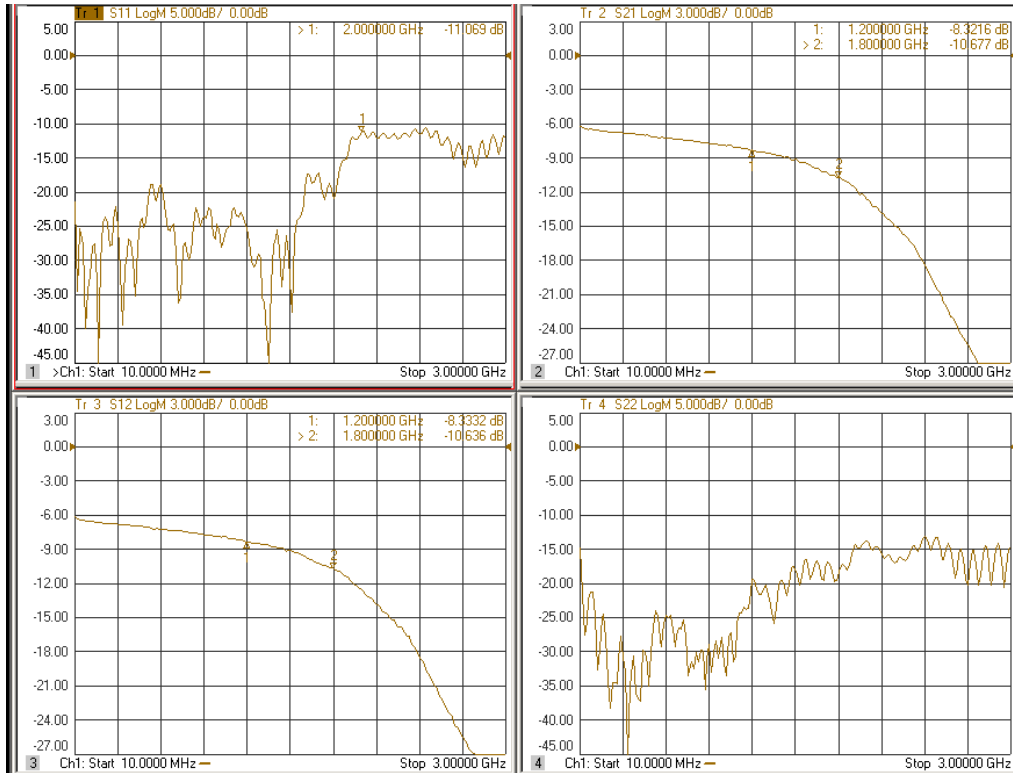


Figure 89: Scattering matrix for channel 2E, polarization y and output 6dB2.

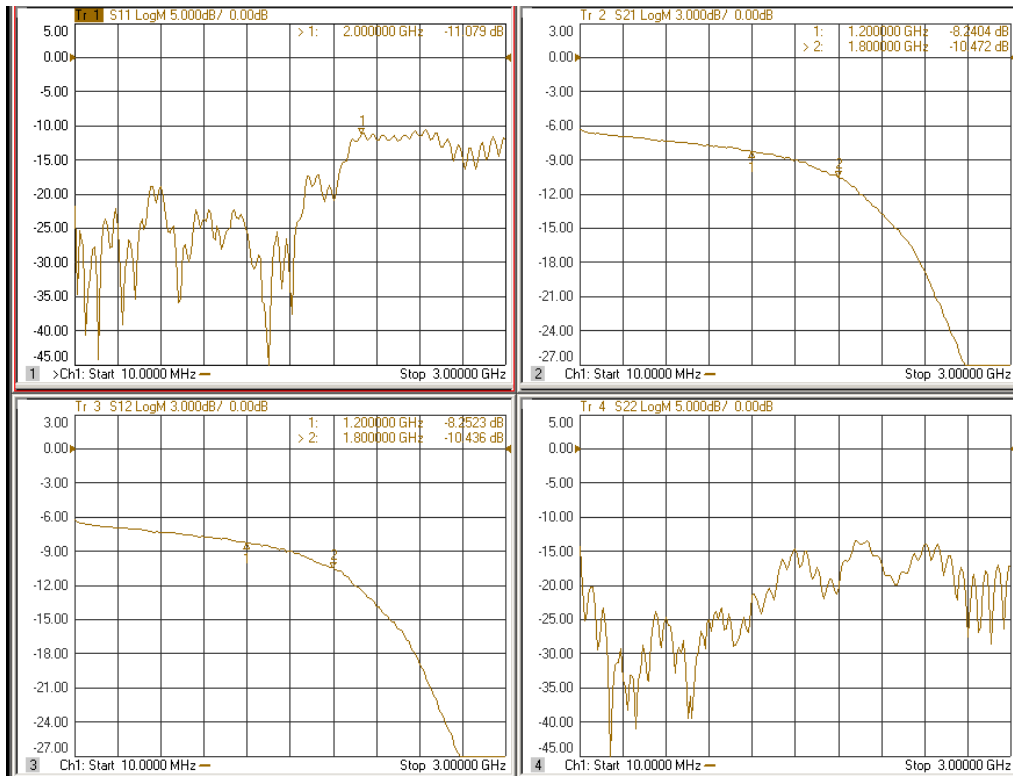


Figure 90: Scattering matrix for channel 2E, polarization y and output 6dB3.

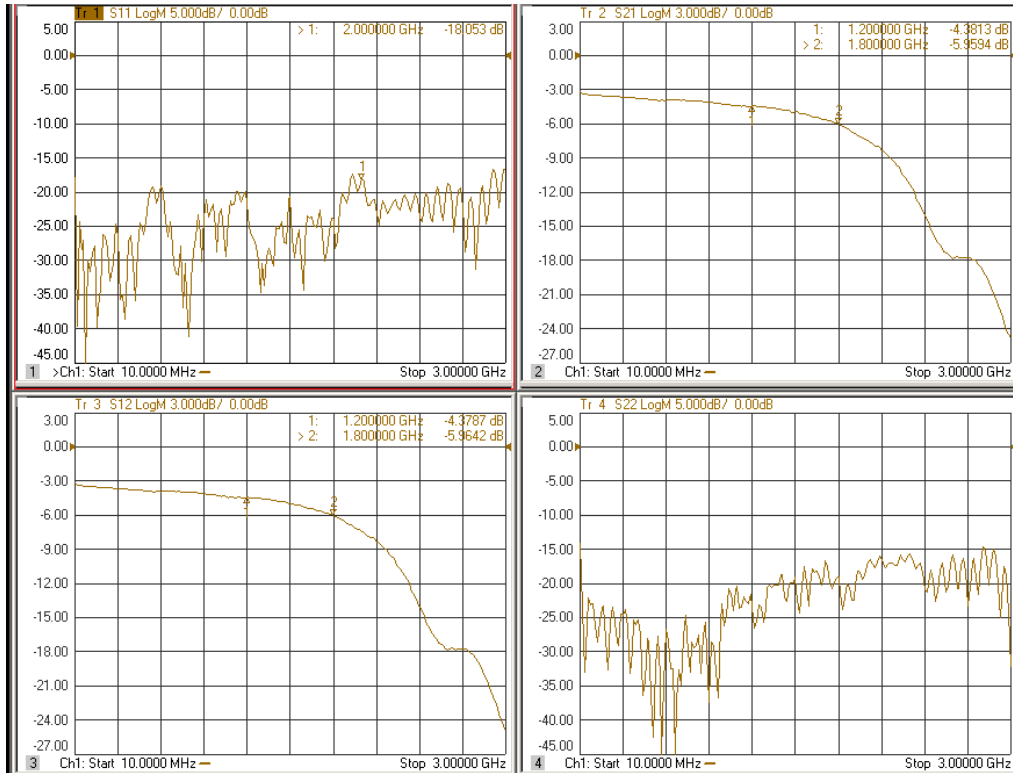


Figure 91: Scattering matrix for channel 2F, polarization x and output 3dB1.

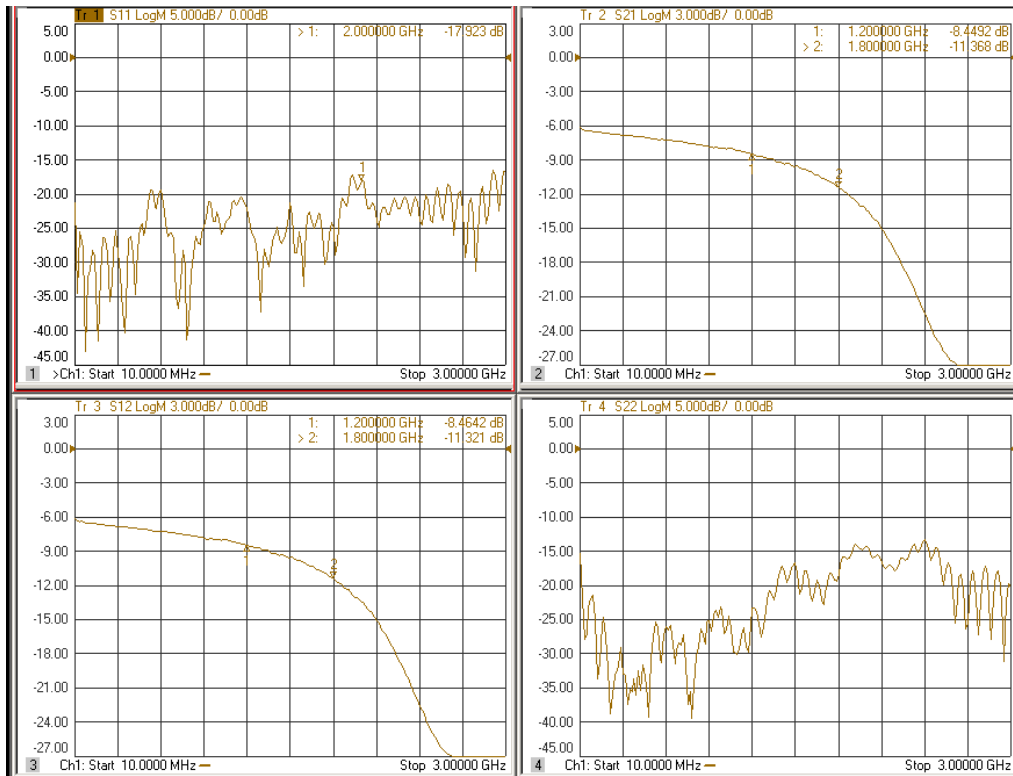


Figure 92: Scattering matrix for channel 2F, polarization x and output 6dB2.

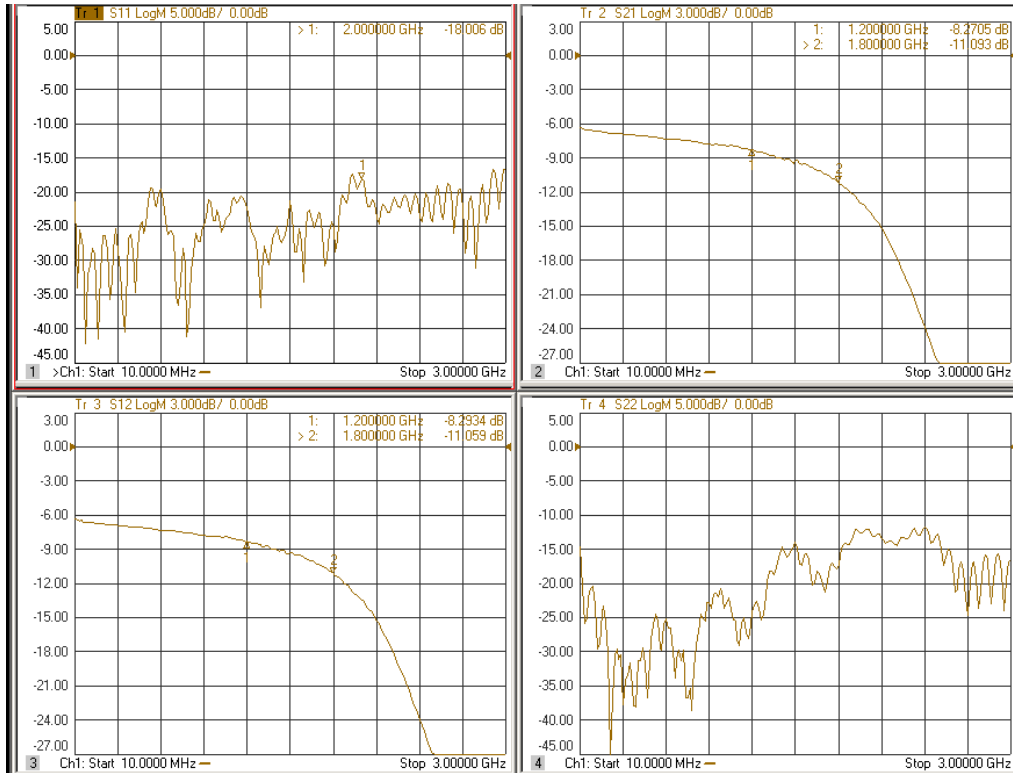


Figure 93: Scattering matrix for channel 2F, polarization x and output 6dB3.

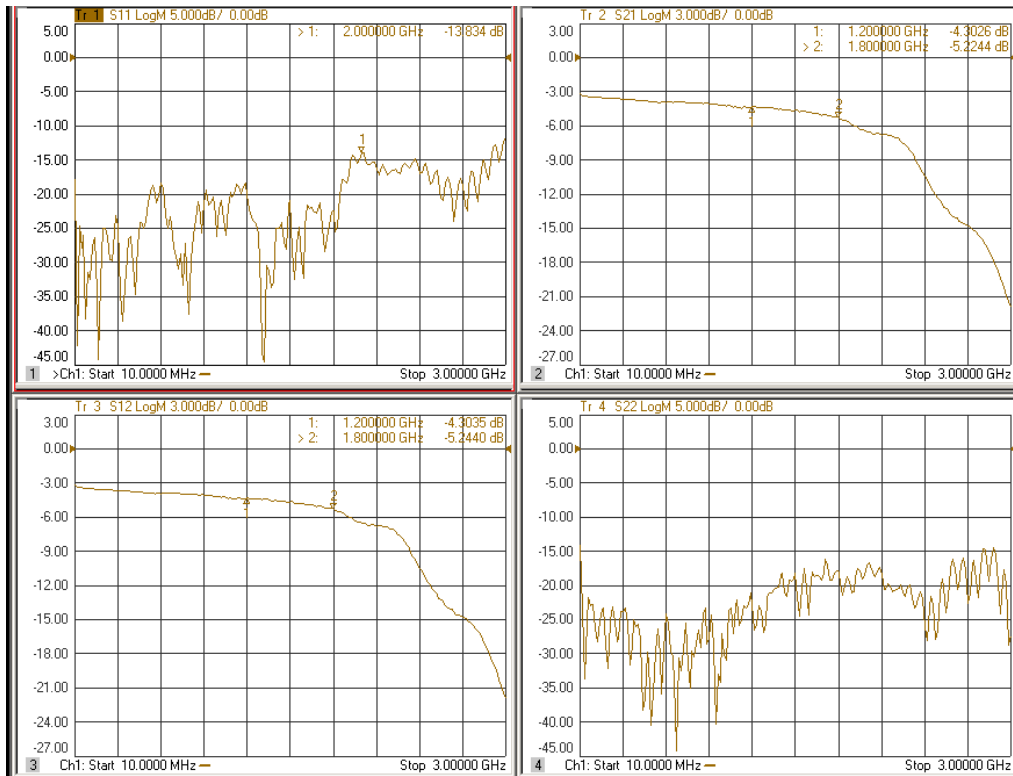


Figure 94: Scattering matrix for channel 2F, polarization y and output 3dB1.

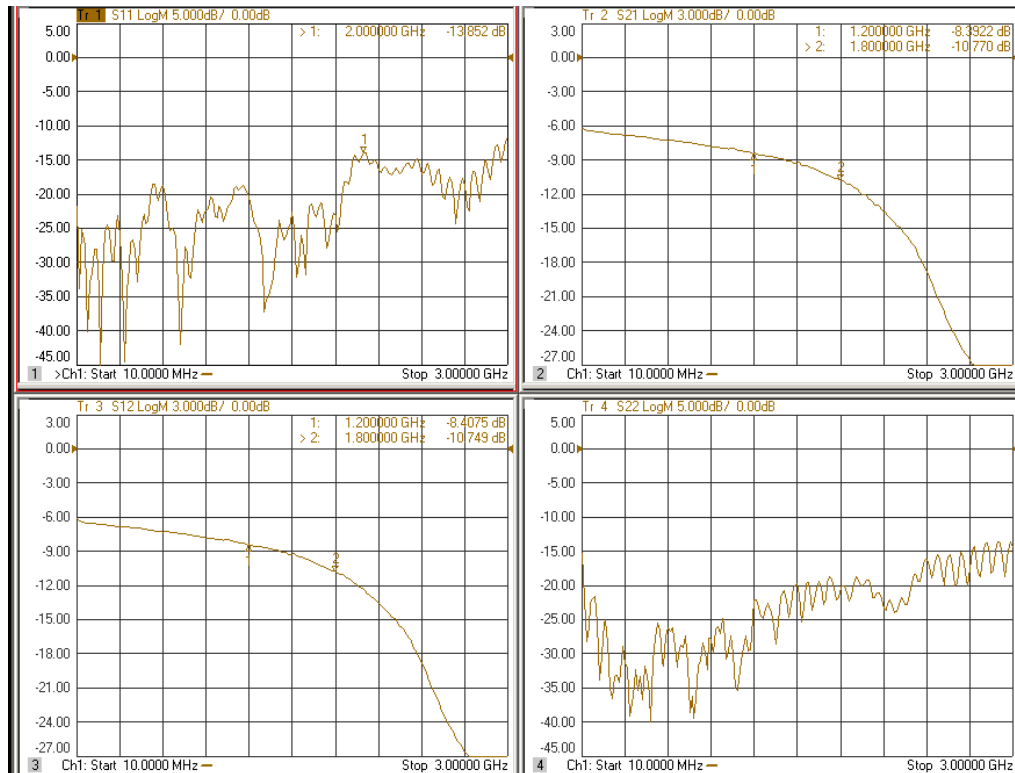


Figure 95: Scattering matrix for channel 2F, polarization y and output 6dB2.

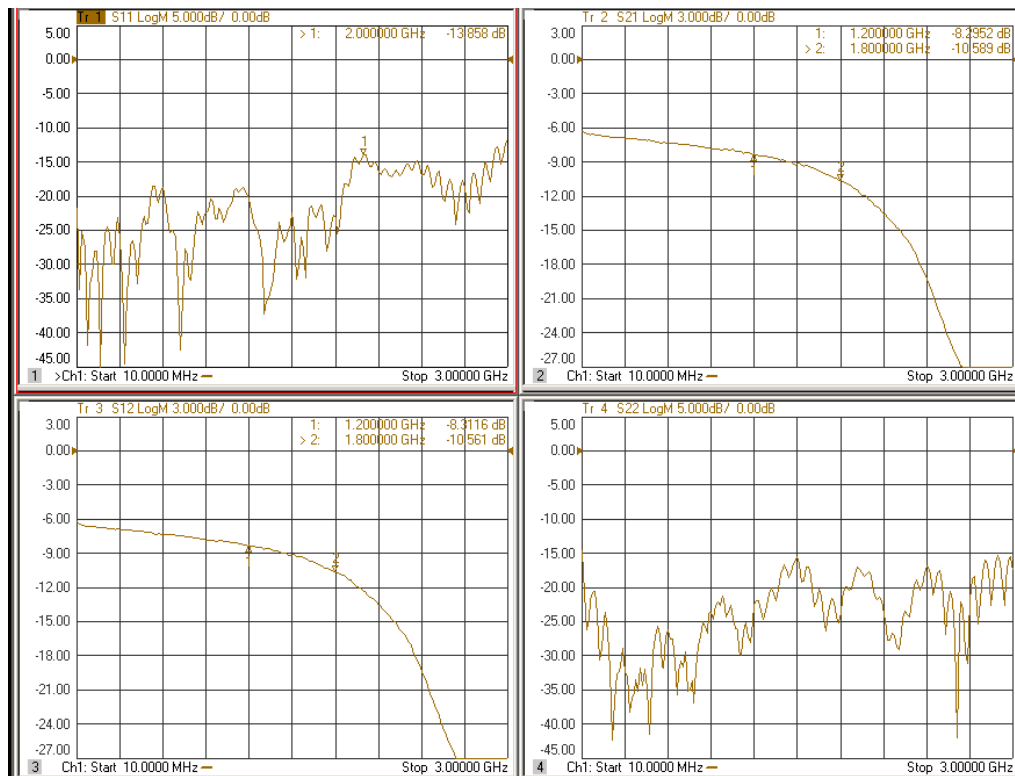


Figure 96: Scattering matrix for channel 2F, polarization y and output 6dB3.

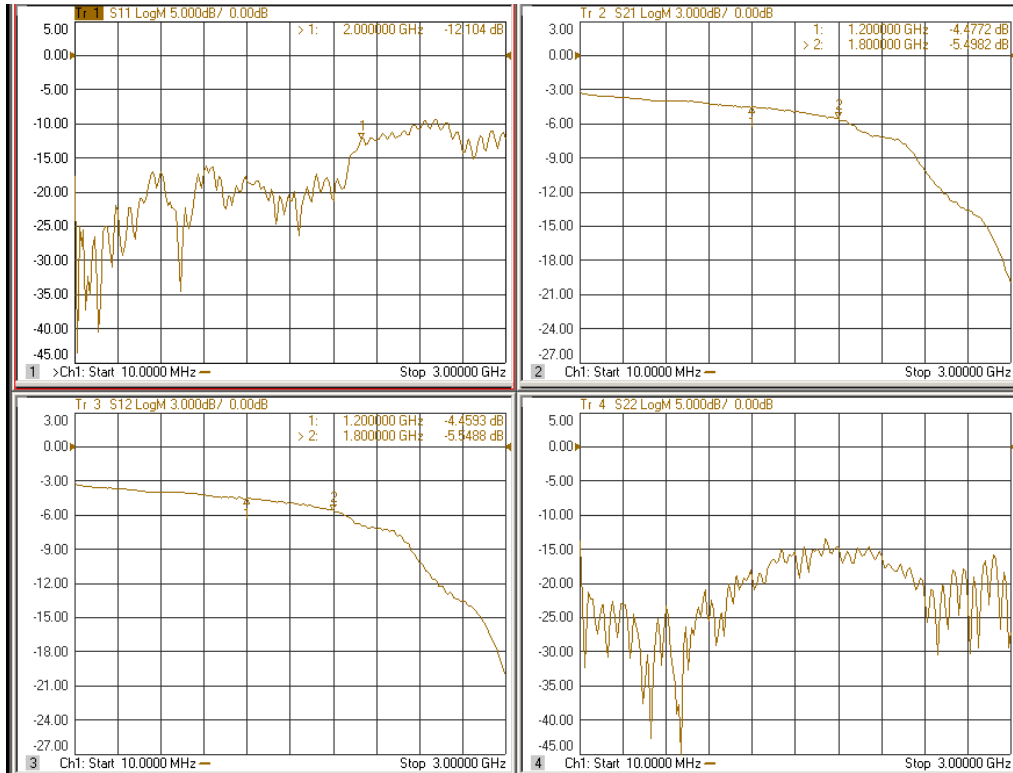


Figure 97: Scattering matrix for channel 2G, polarization x and output 3dB1.

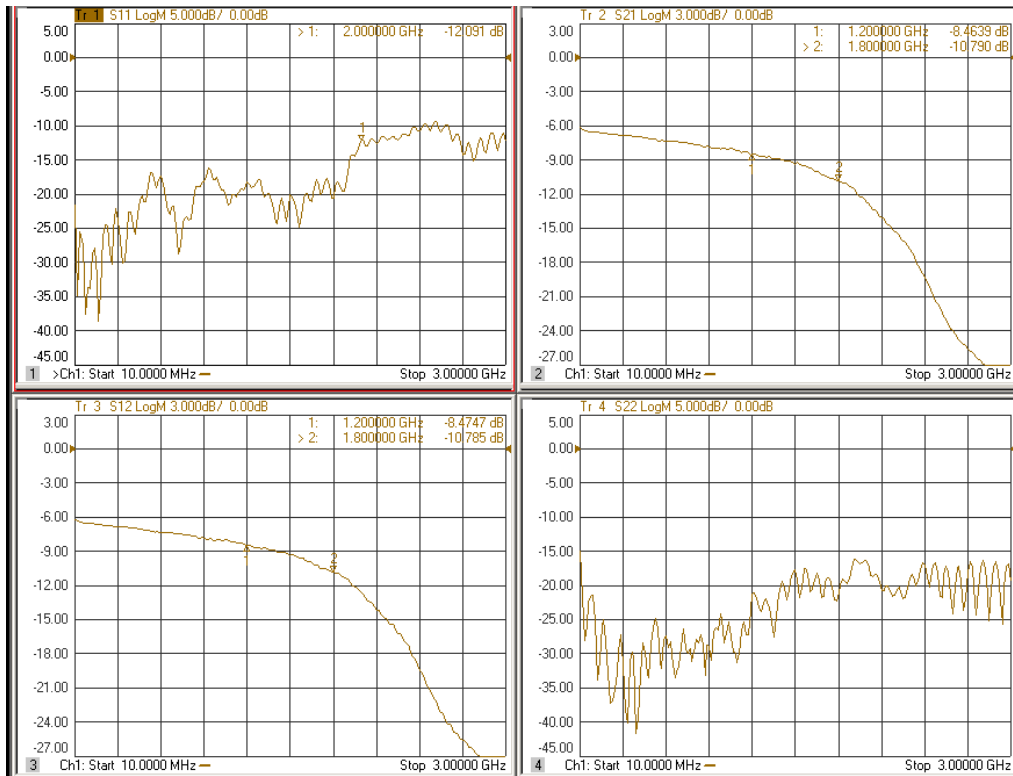


Figure 98: Scattering matrix for channel 2G, polarization x and output 6dB2.

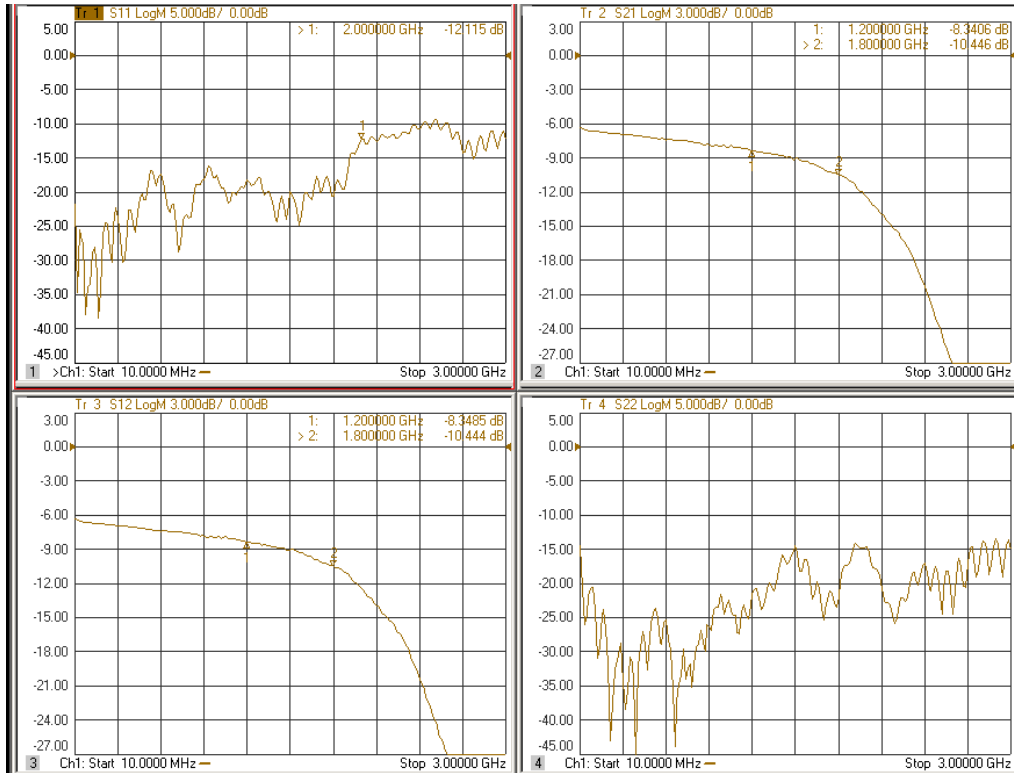


Figure 99: Scattering matrix for channel 2G, polarization x and output 6dB3.

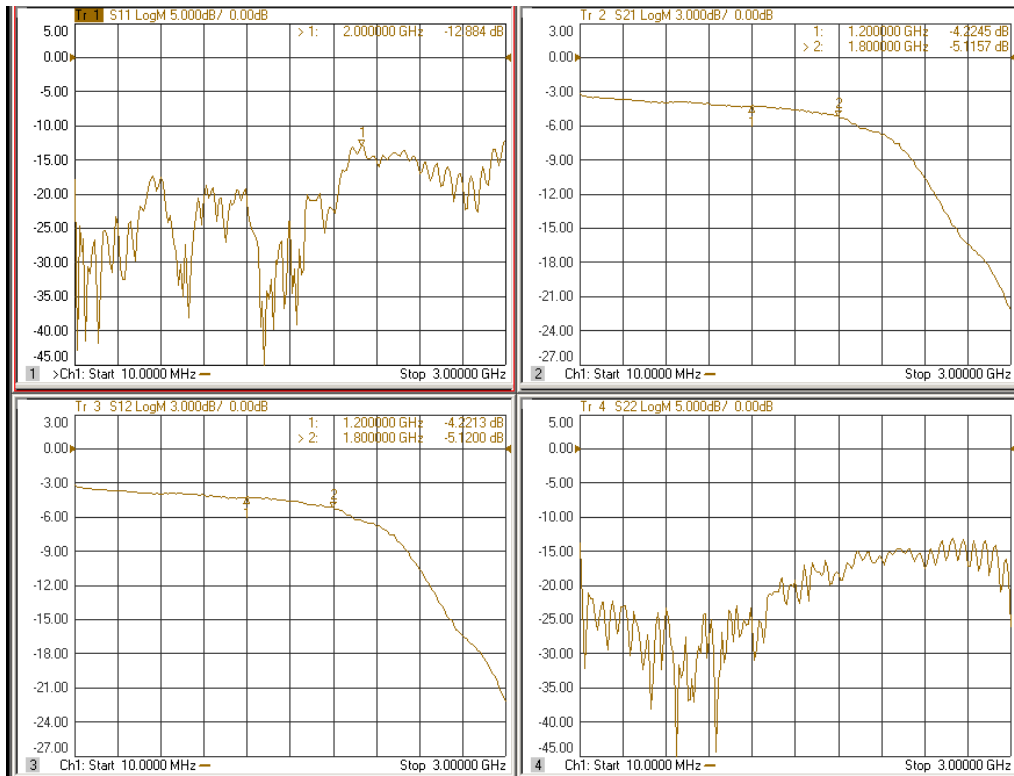


Figure 100: Scattering matrix for channel 2G, polarization y and output 3dB1.

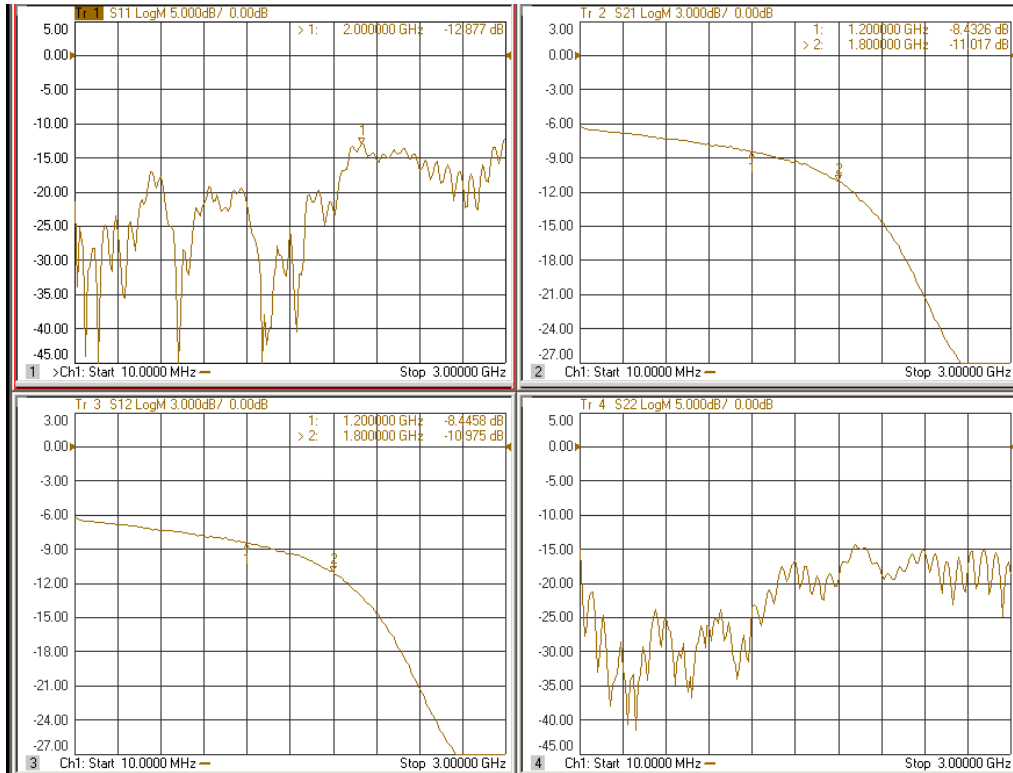


Figure 101: Scattering matrix for channel 2G, polarization y and output 6dB2.

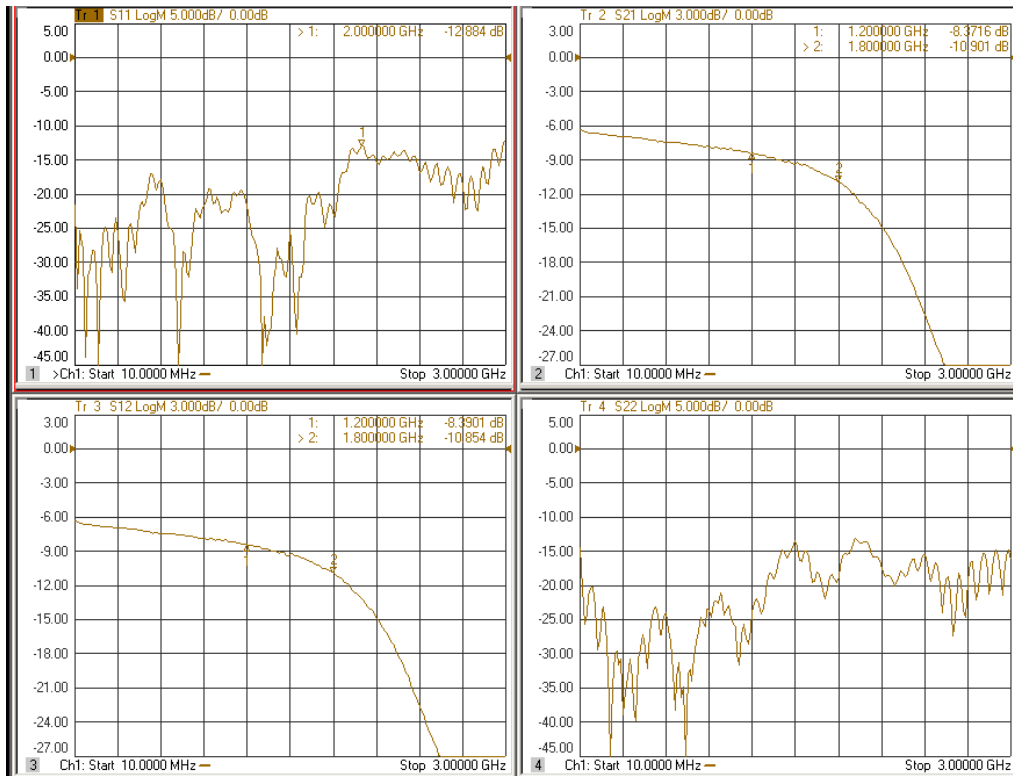


Figure 102: Scattering matrix for channel 2G, polarization y and output 6dB3.

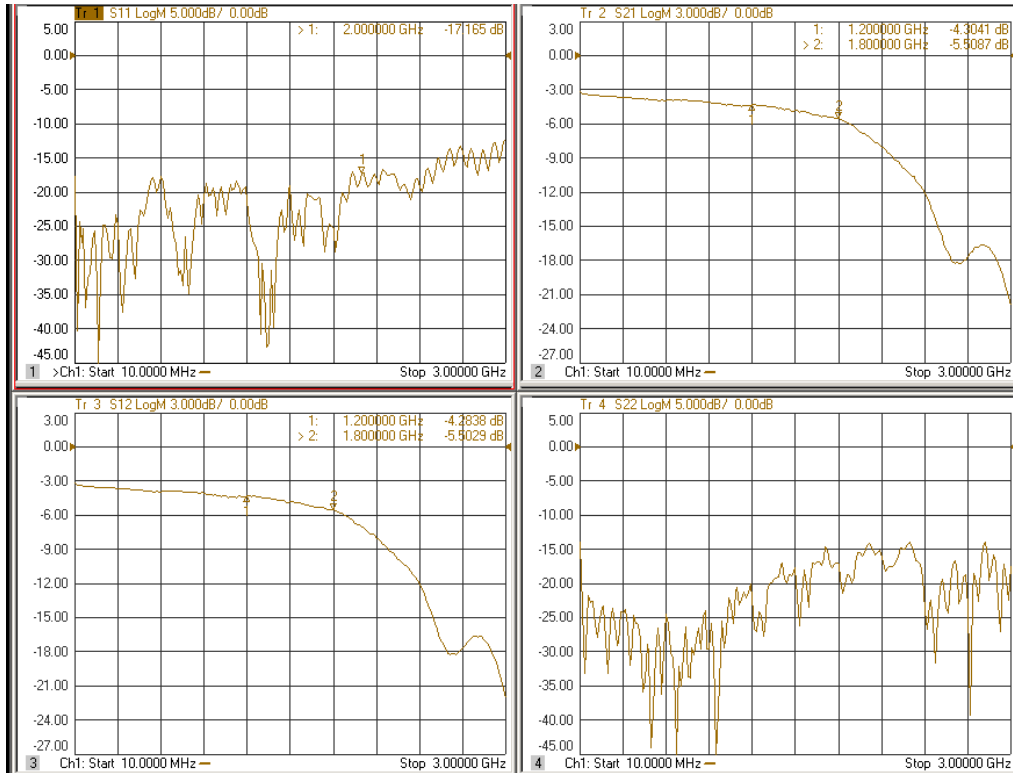


Figure 103: Scattering matrix for channel 2H, polarization x and output 3dB1.

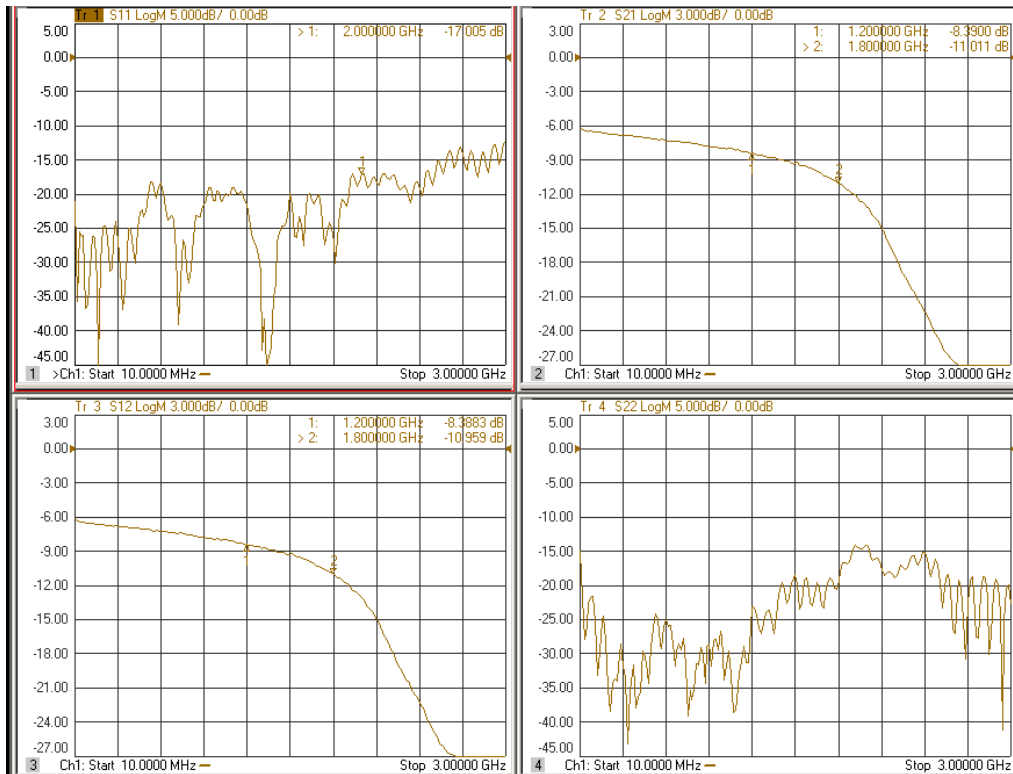


Figure 104: Scattering matrix for channel 2H, polarization x and output 6dB2.

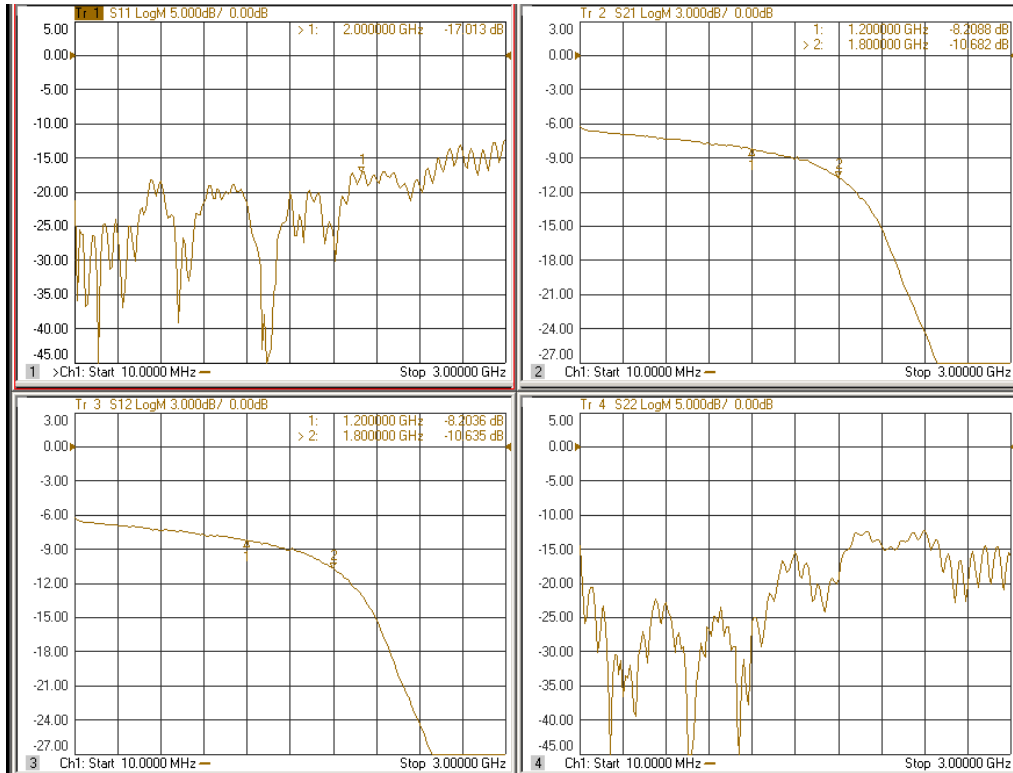


Figure 105: Scattering matrix for channel 2H, polarization x and output 6dB3.

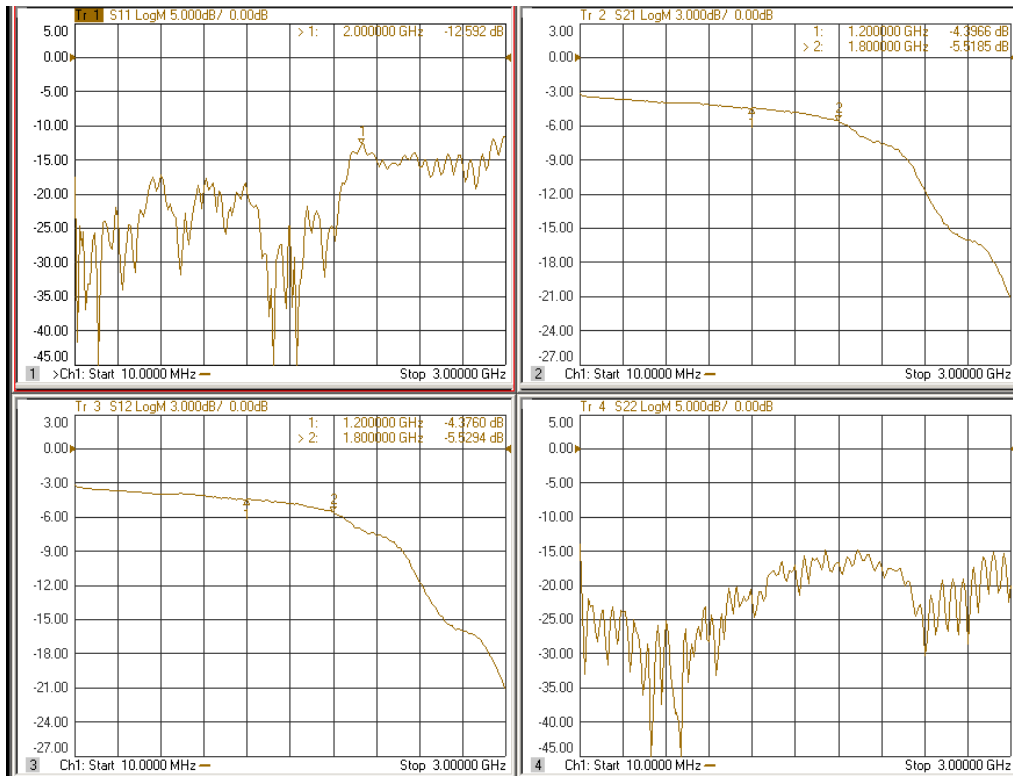


Figure 106: Scattering matrix for channel 2H, polarization y and output 3dB1.

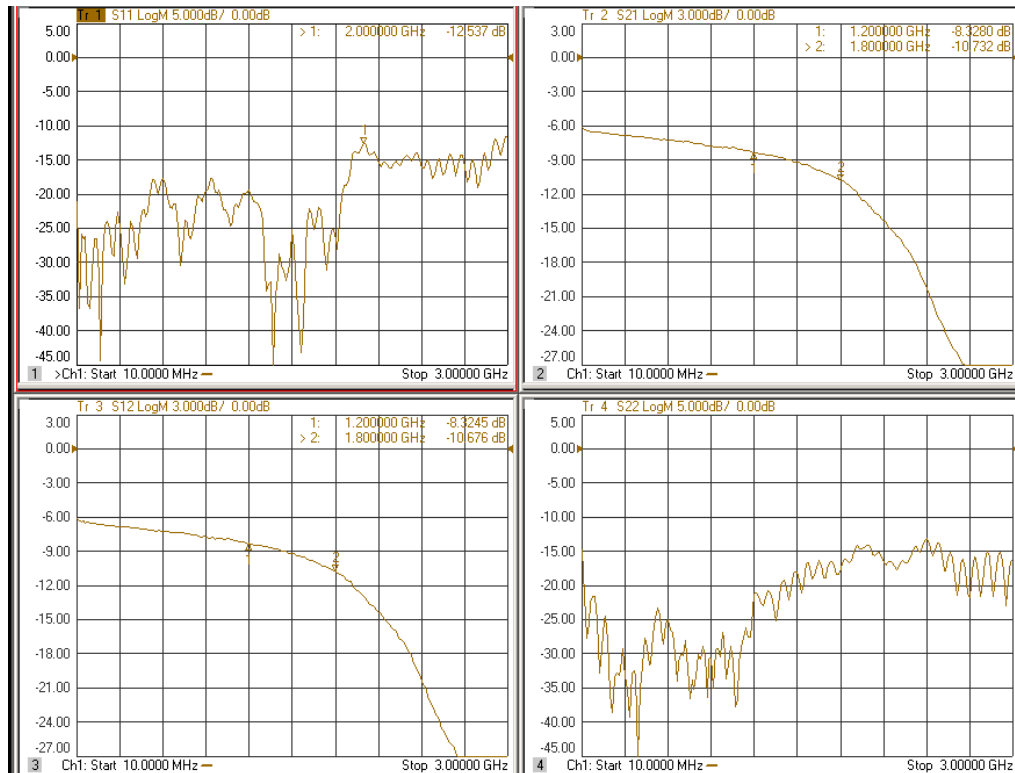


Figure 107: Scattering matrix for channel 2H, polarization y and output 6dB2.

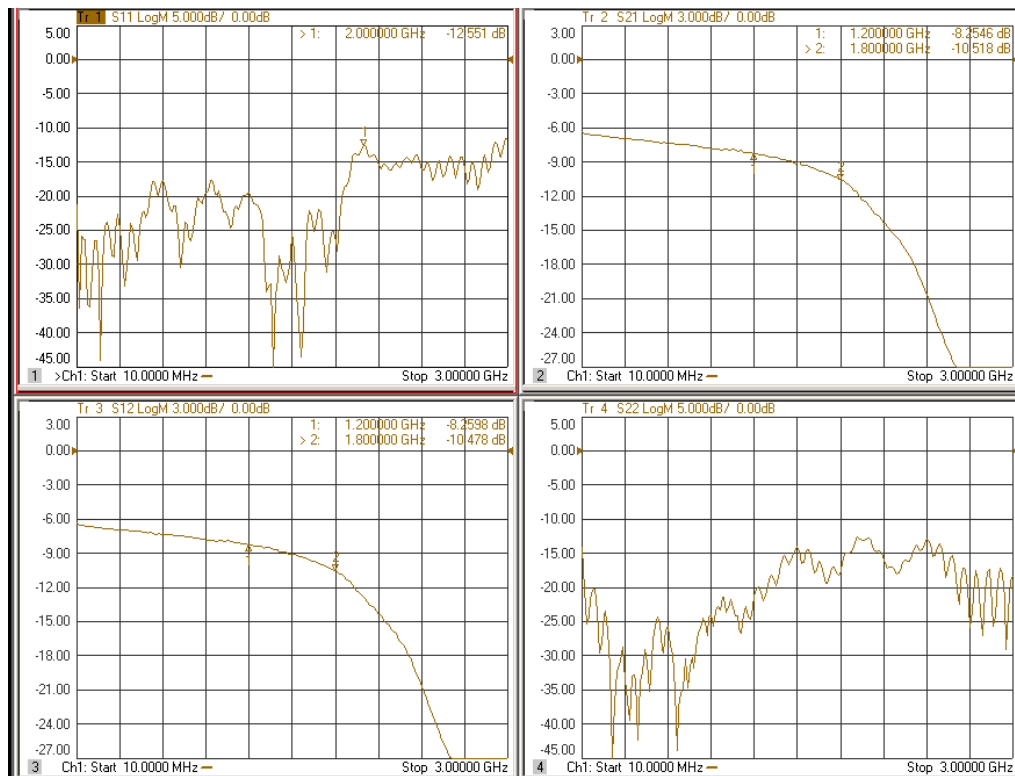


Figure 108: Scattering matrix for channel 2H, polarization y and output 6dB3.

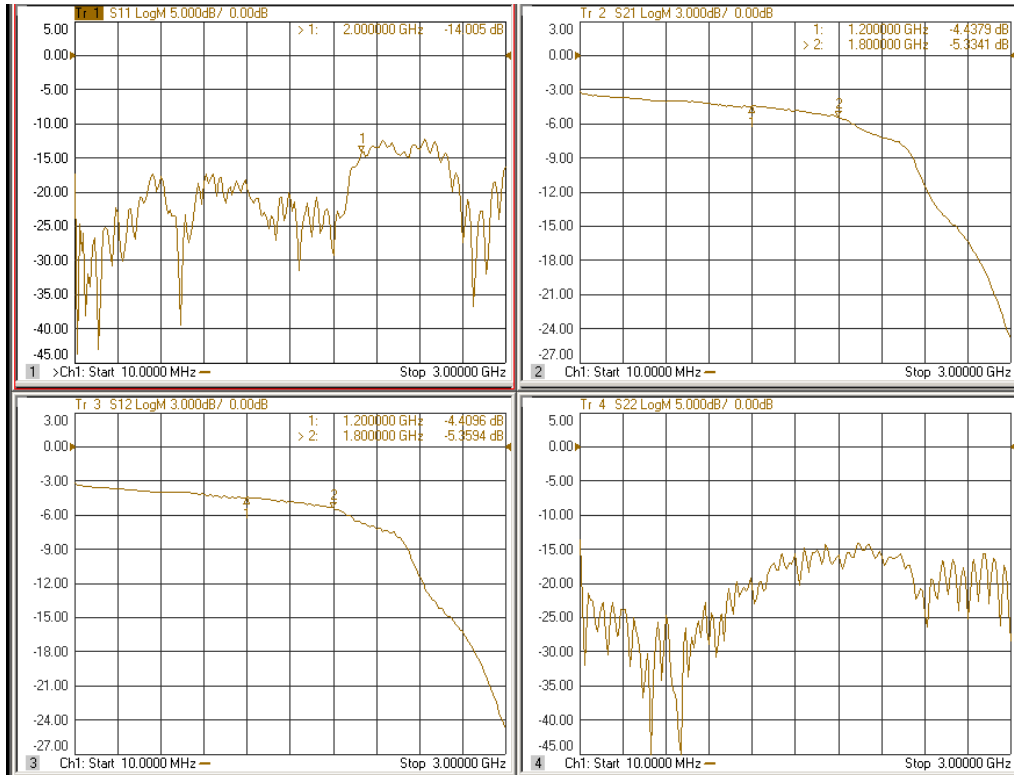


Figure 109: Scattering matrix for channel 2J, polarization x and output 3dB1.

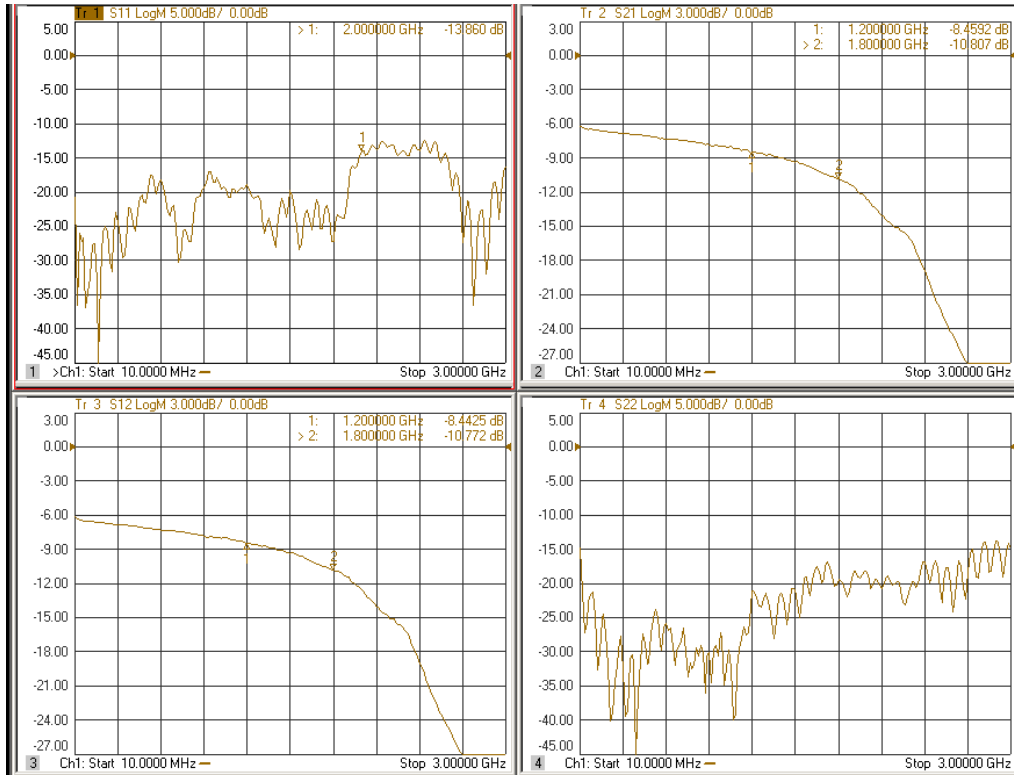


Figure 110: Scattering matrix for channel 2J, polarization x and output 6dB2.

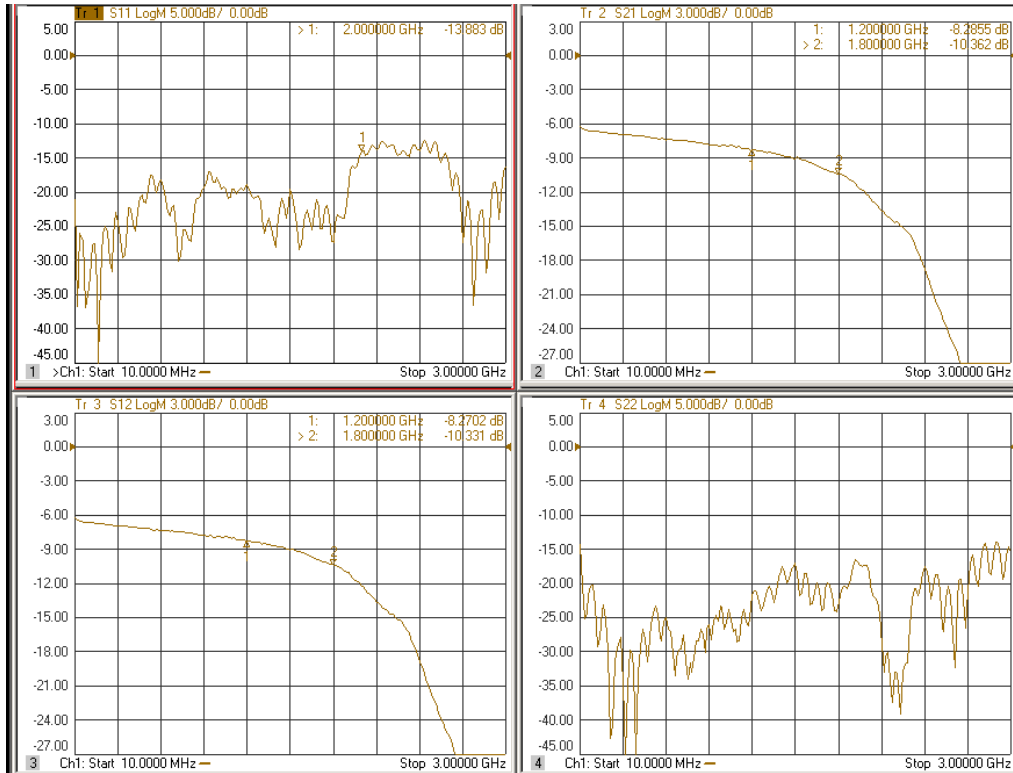


Figure 111: Scattering matrix for channel 2J, polarization x and output 6dB3.

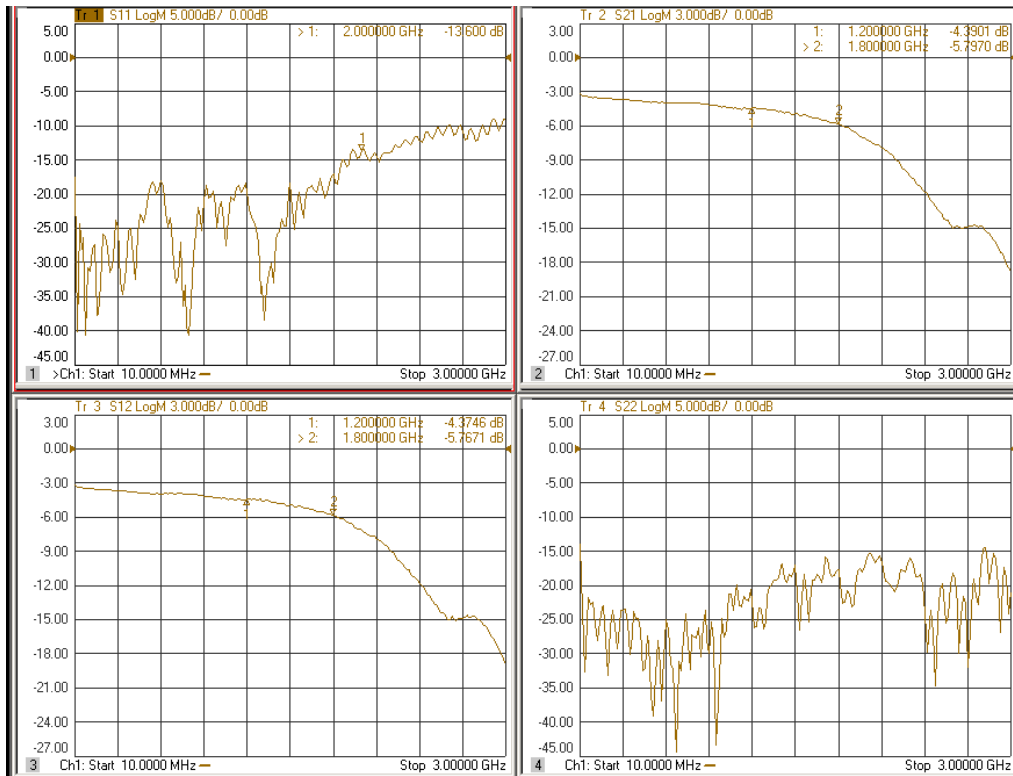


Figure 112: Scattering matrix for channel 2J, polarization y and output 3dB1.

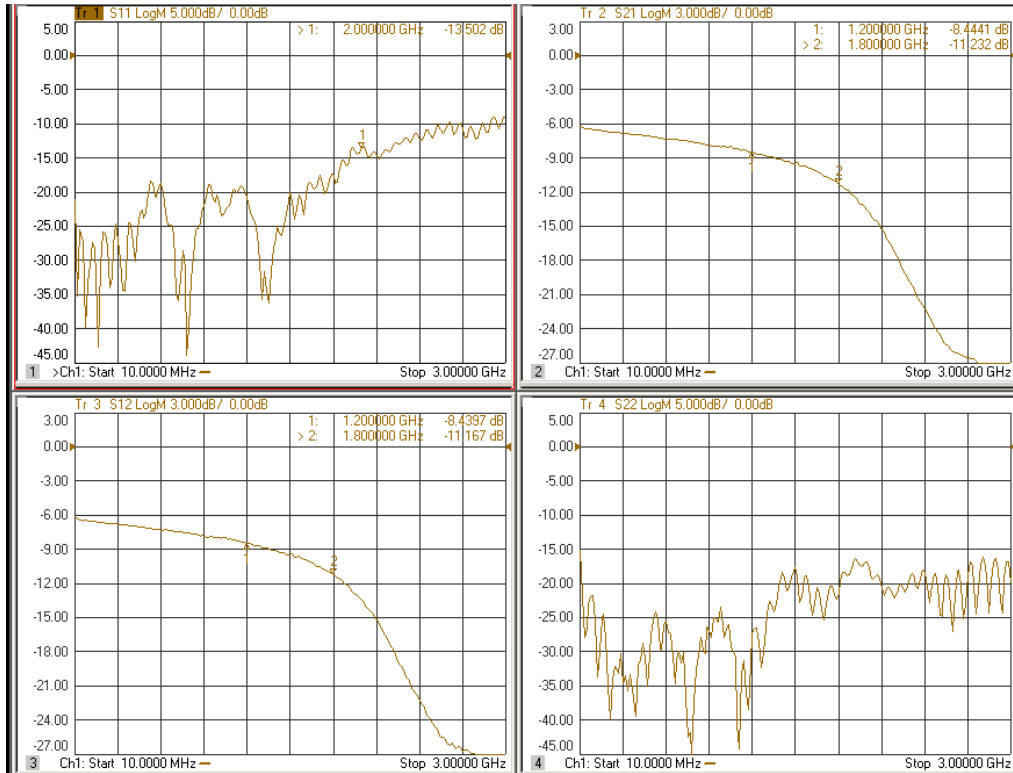


Figure 113: Scattering matrix for channel 2J, polarization y and output 6dB2.

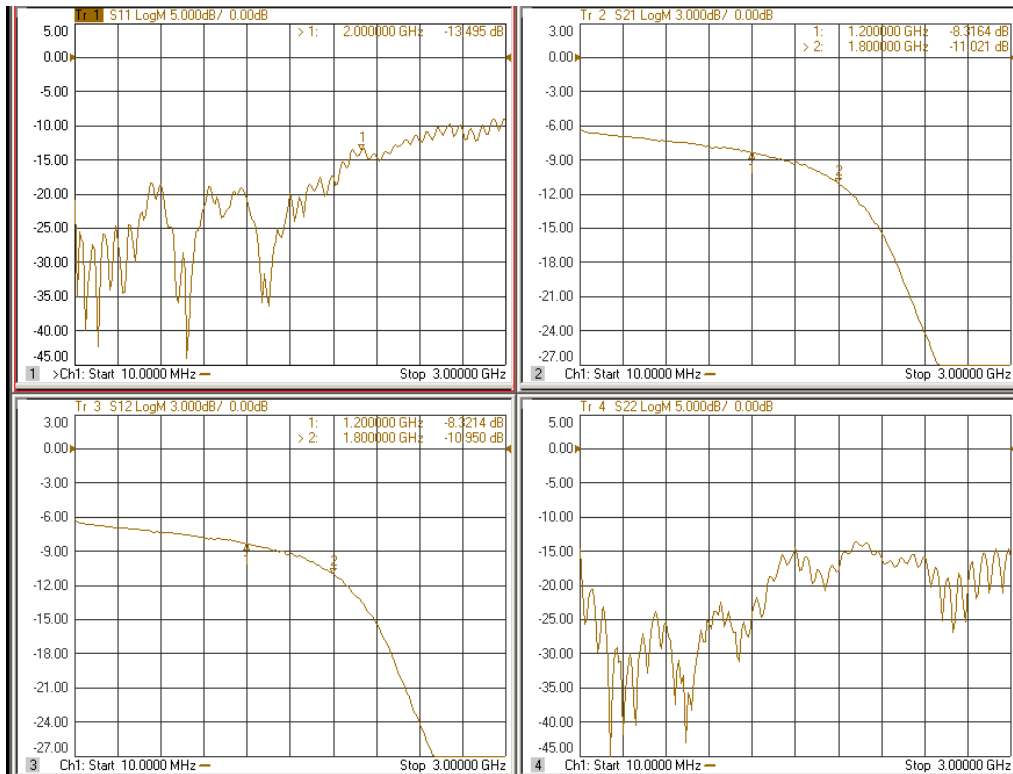


Figure 114: Scattering matrix for channel 2J, polarization y and output 6dB3.

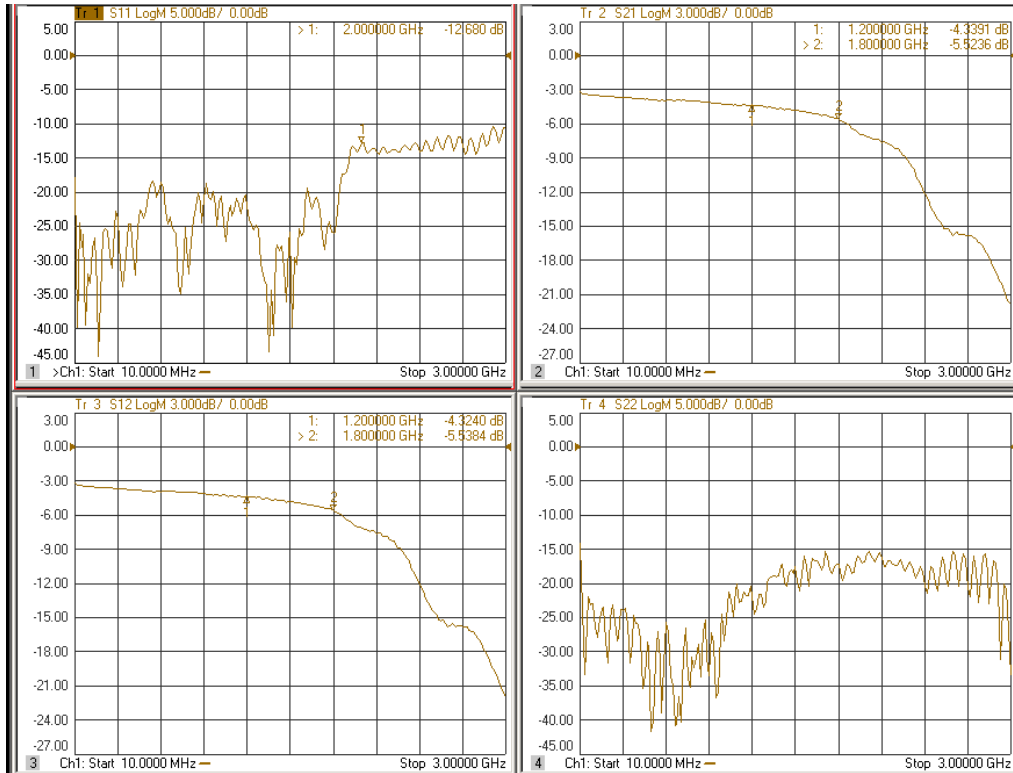


Figure 115: Scattering matrix for channel 2K, polarization x and output 3dB1.

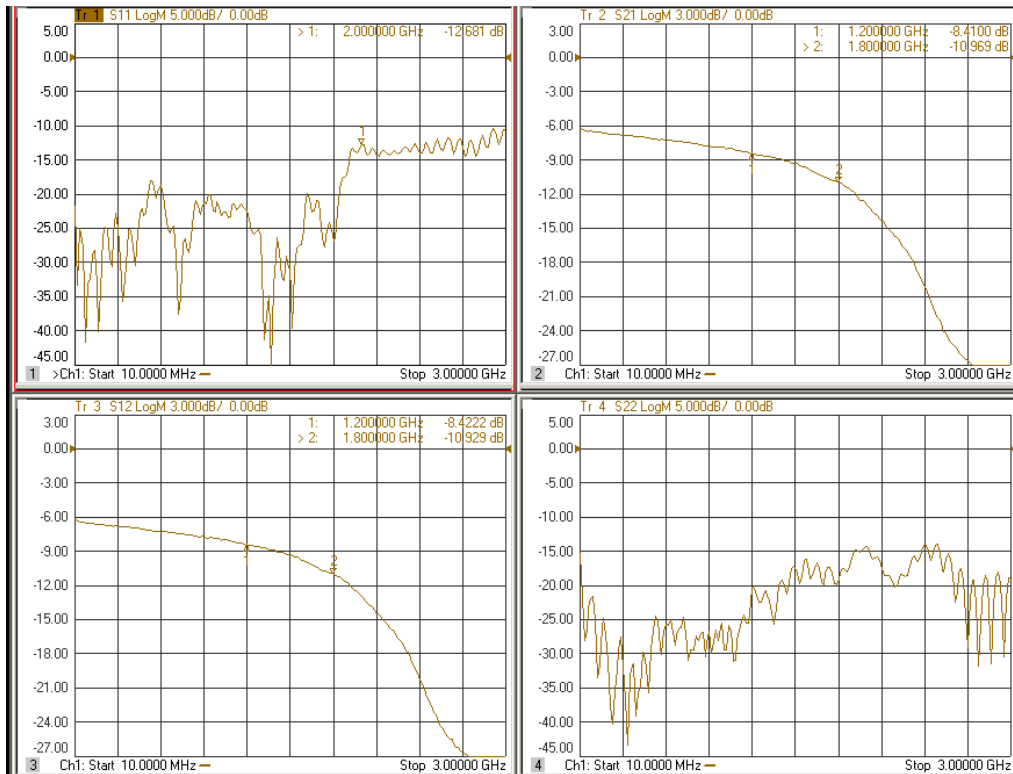


Figure 116: Scattering matrix for channel 2K, polarization x and output 6dB2.

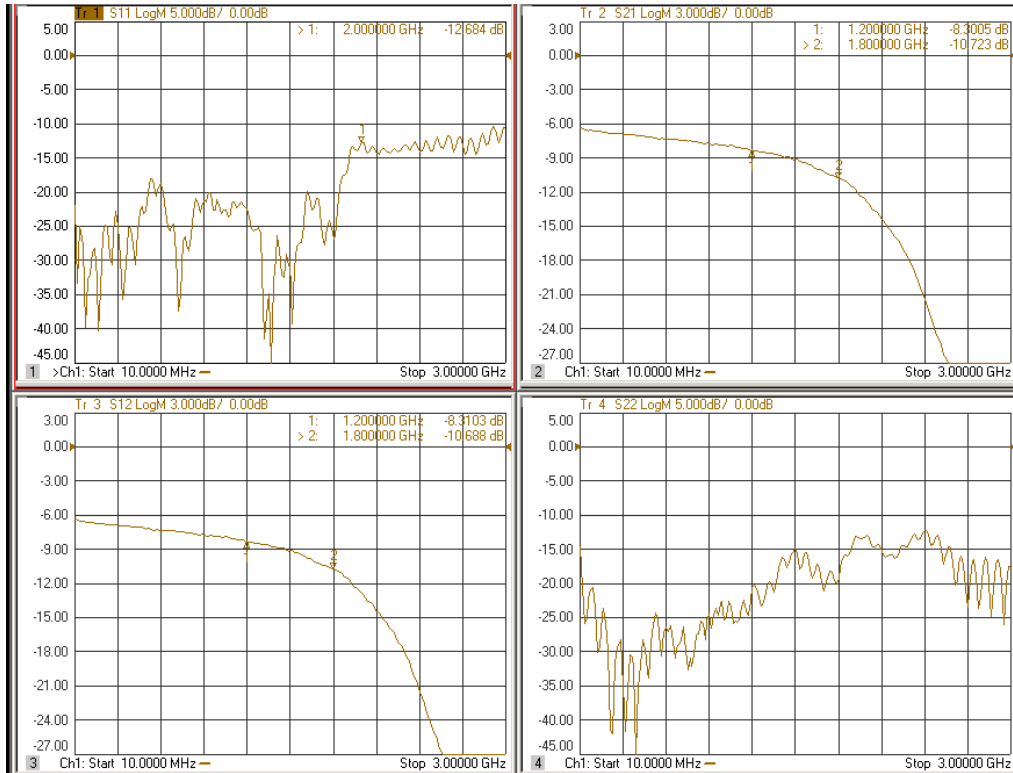


Figure 117: Scattering matrix for channel 2K, polarization x and output 6dB3.

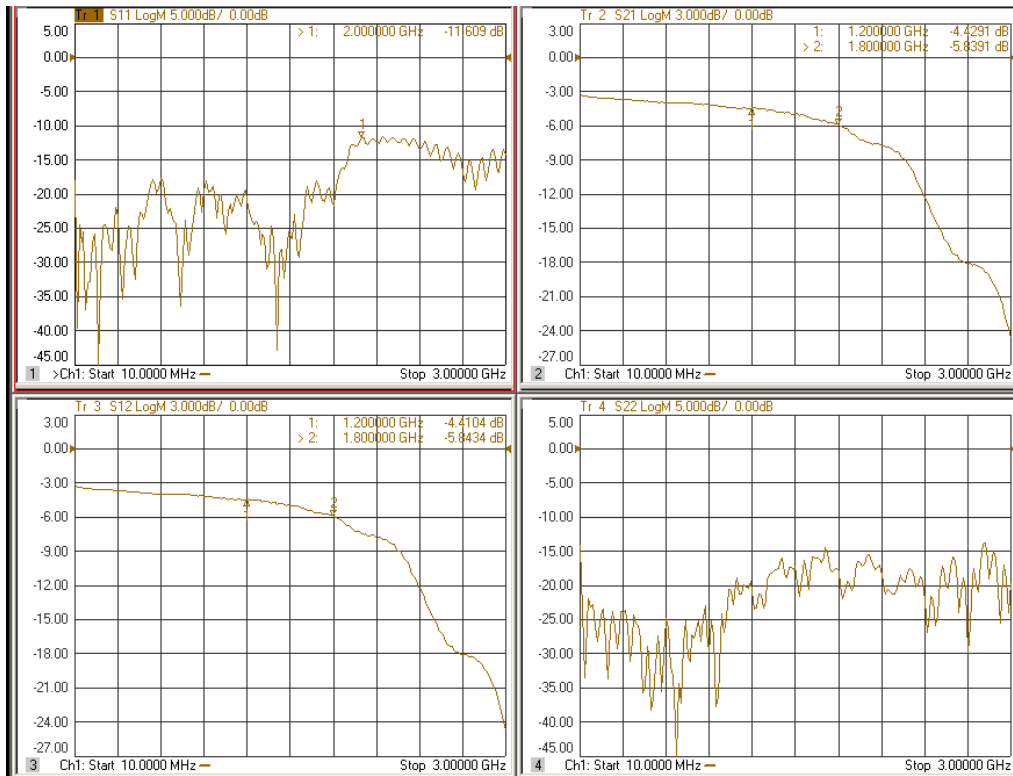


Figure 118: Scattering matrix for channel 2K, polarization y and output 3dB1.

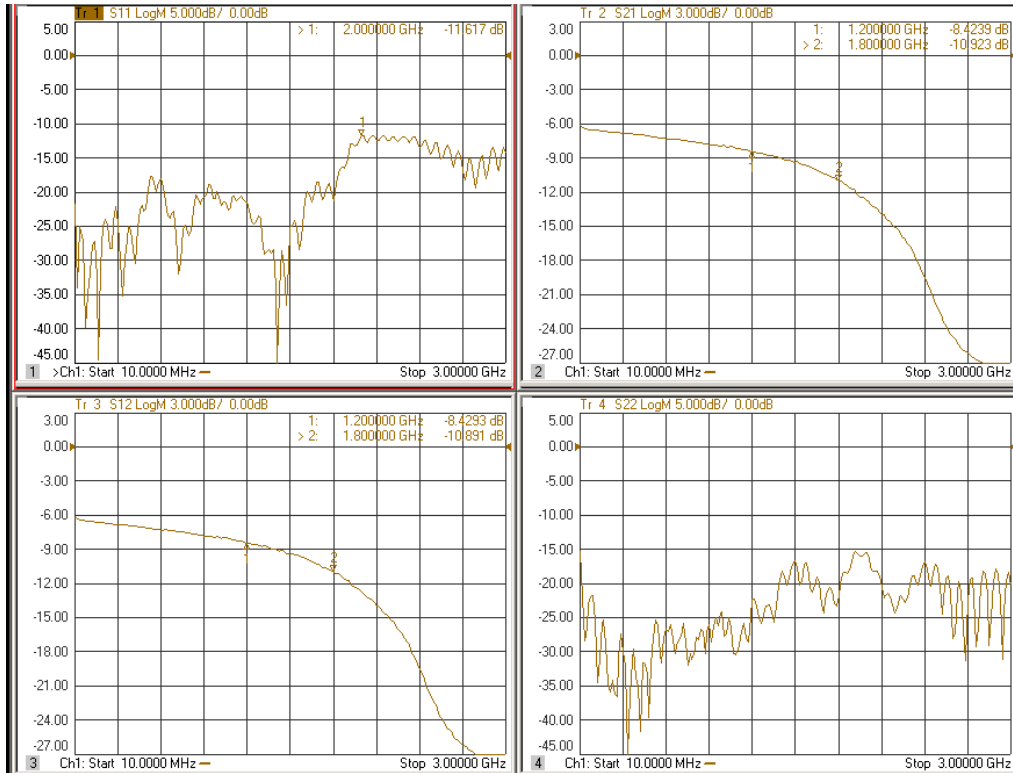


Figure 119: Scattering matrix for channel 2K, polarization y and output 6dB2.

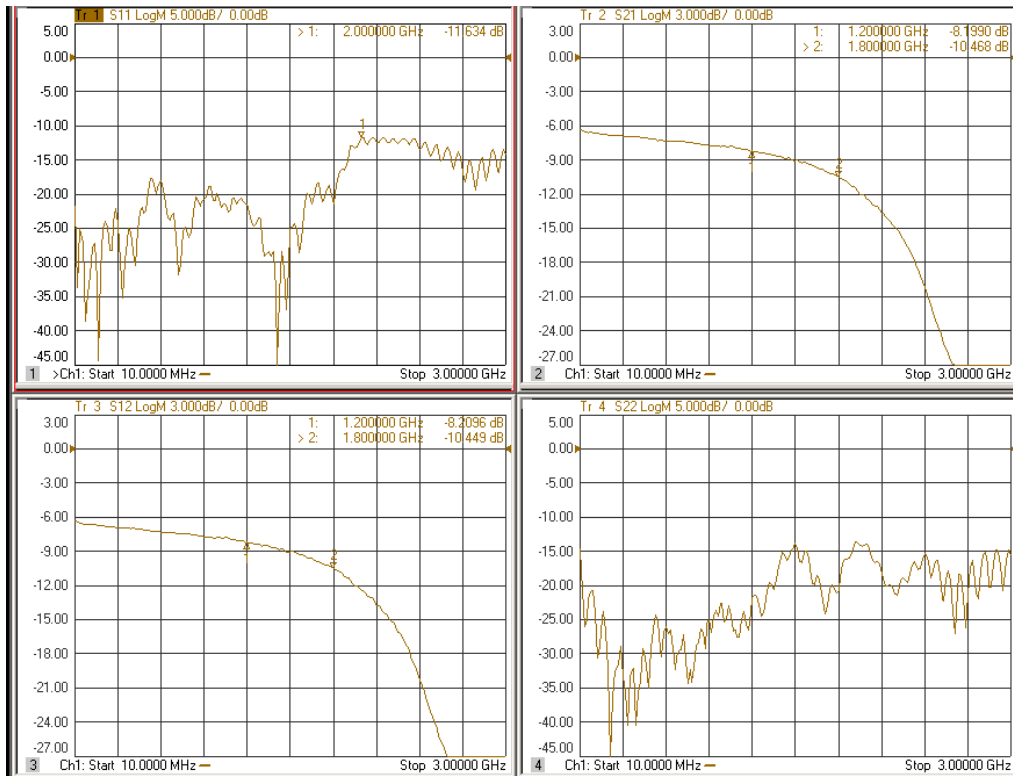


Figure 120: Scattering matrix for channel 2K, polarization y and output 6dB3.

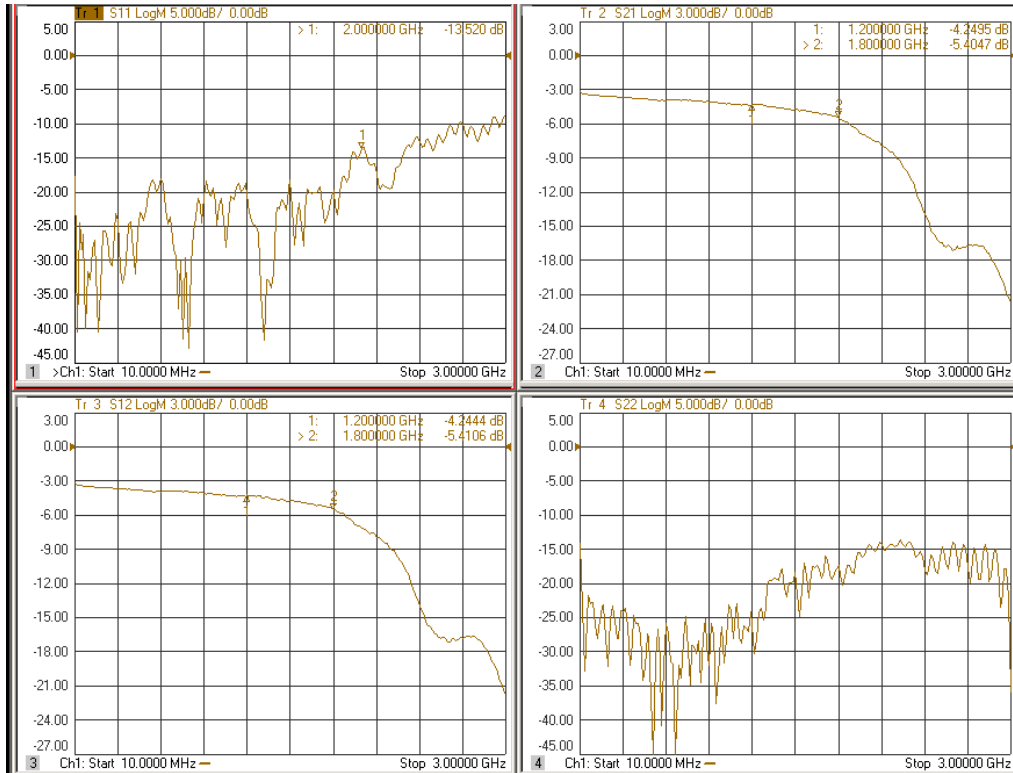


Figure 121: Scattering matrix for channel 2L, polarization x and output 3dB1.

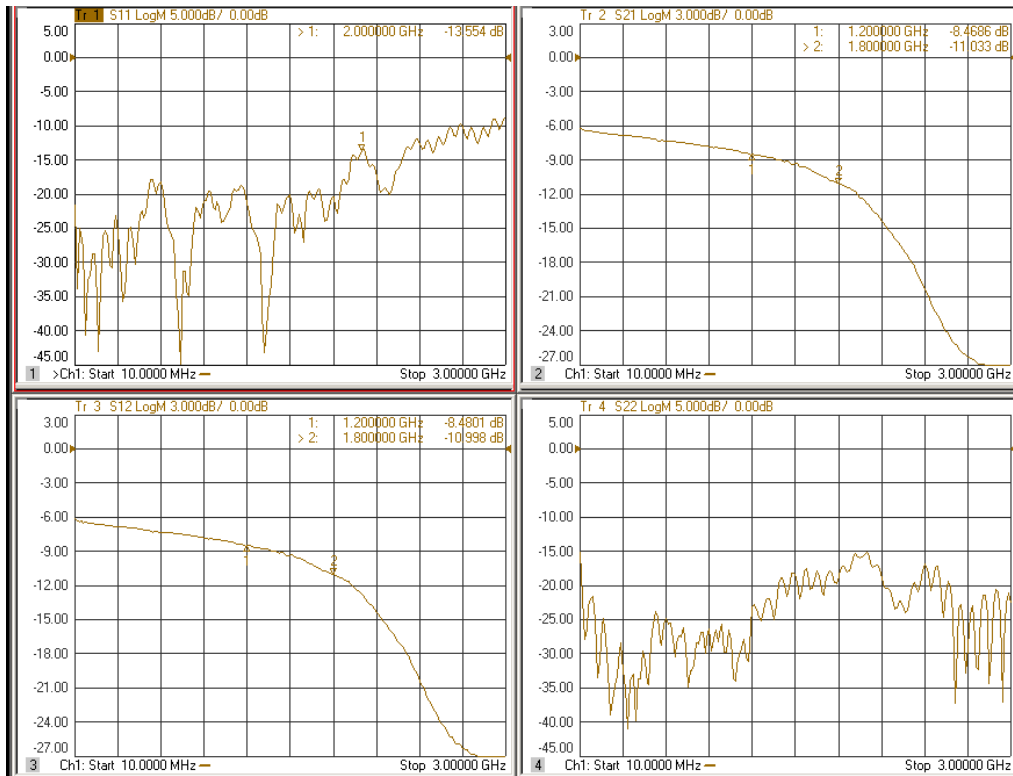


Figure 122: Scattering matrix for channel 2L, polarization x and output 6dB2.

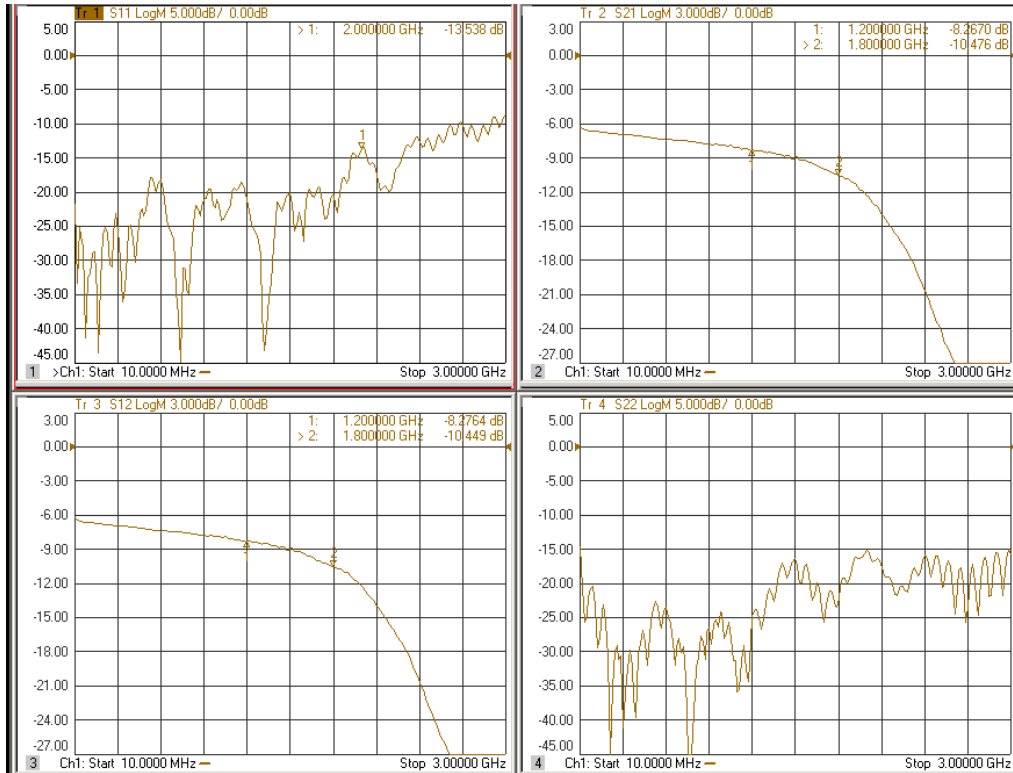


Figure 123: Scattering matrix for channel 2L, polarization x and output 6dB3.

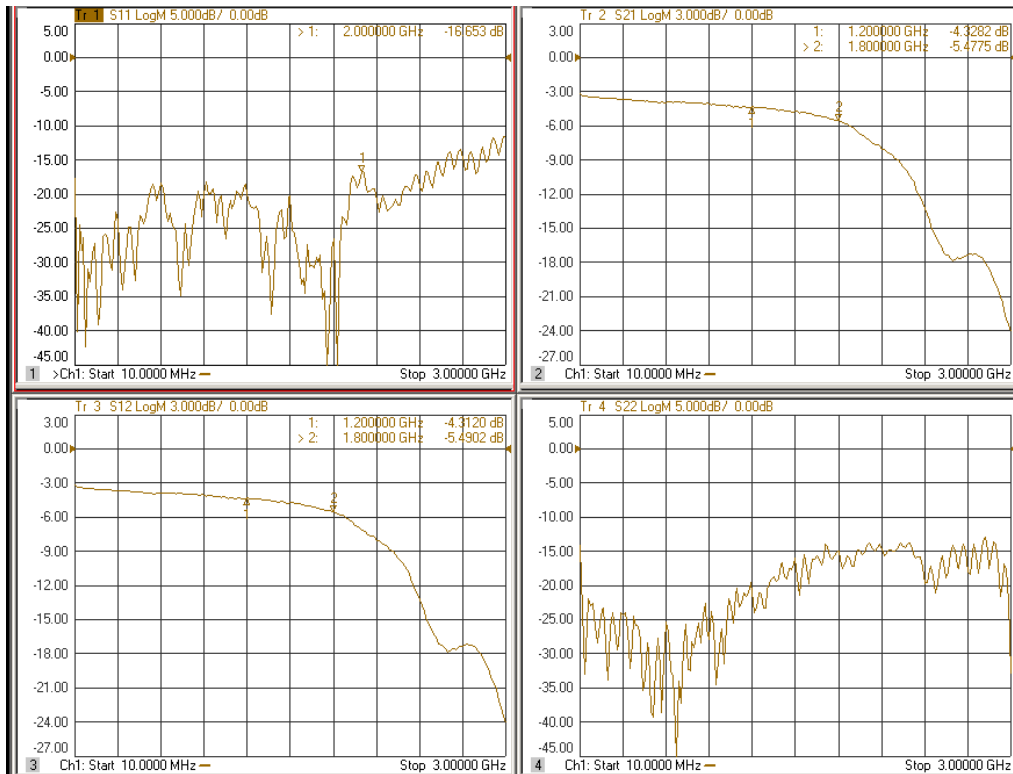


Figure 124: Scattering matrix for channel 2L, polarization y and output 3dB1.

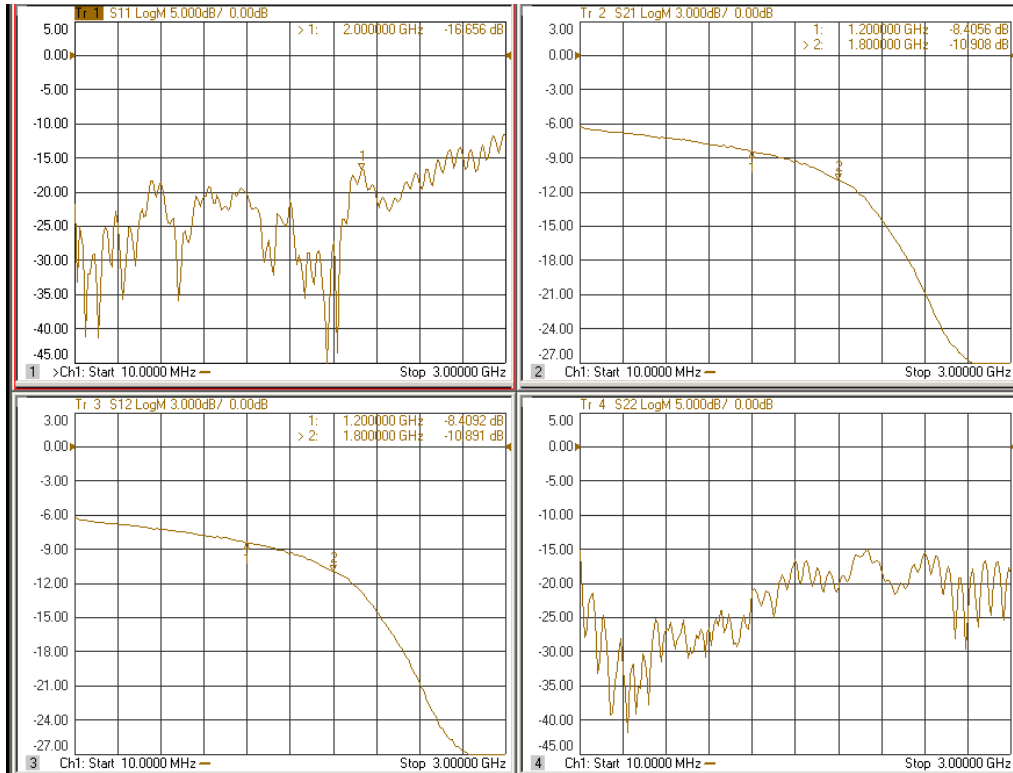


Figure 125: Scattering matrix for channel 2L, polarization y and output 6dB2.

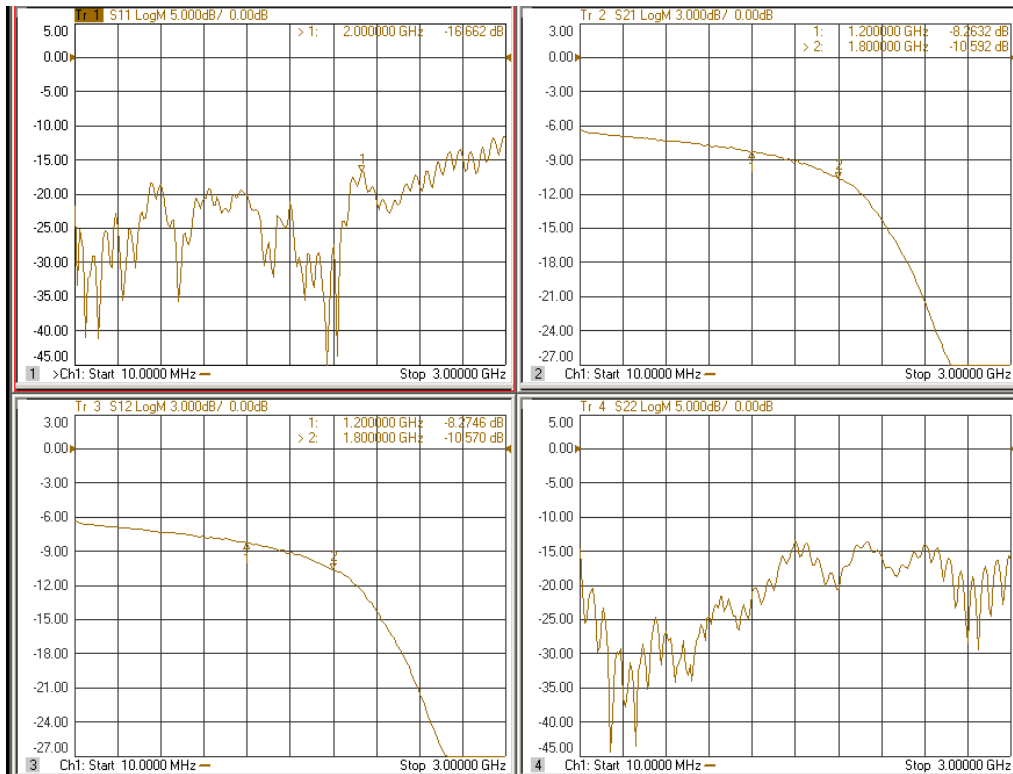


Figure 126: Scattering matrix for channel 2L, polarization y and output 6dB3.

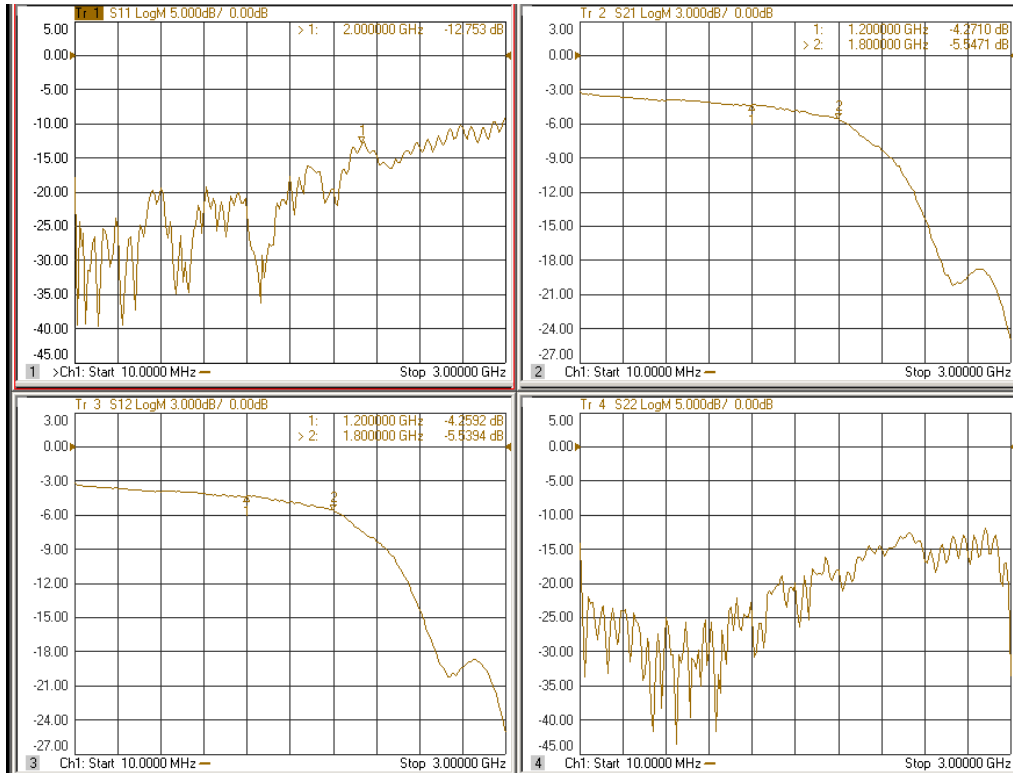


Figure 127: Scattering matrix for channel 2M, polarization x and output 3dB1.

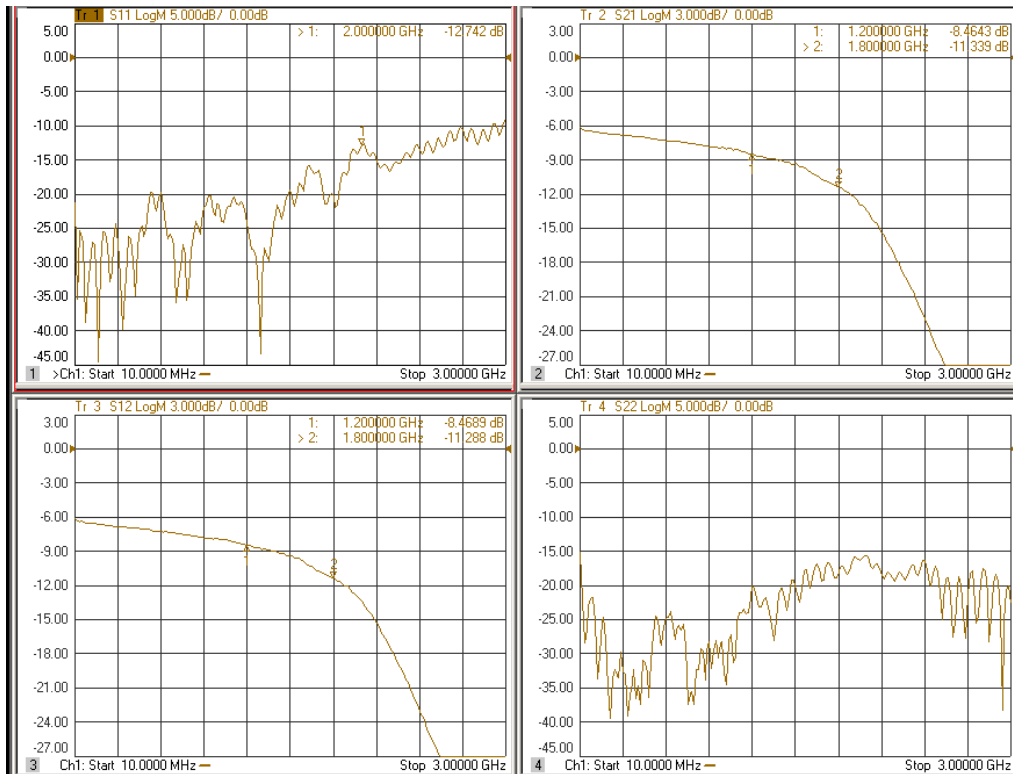


Figure 128: Scattering matrix for channel 2M, polarization x and output 6dB2.

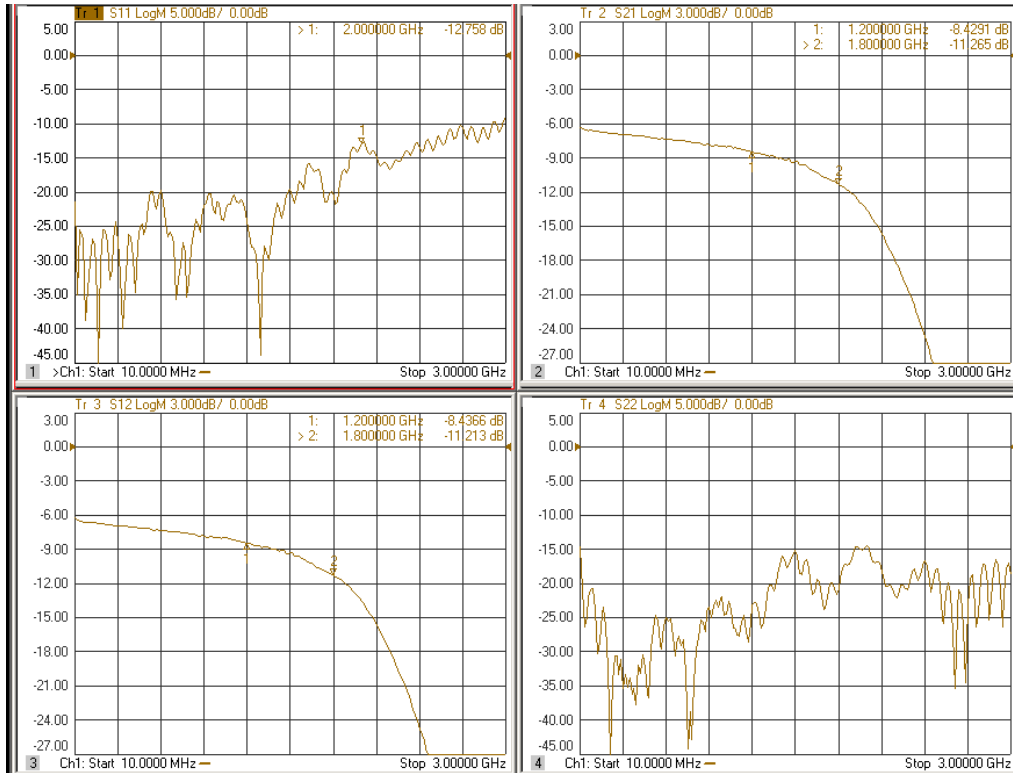


Figure 129: Scattering matrix for channel 2M, polarization x and output 6dB3.

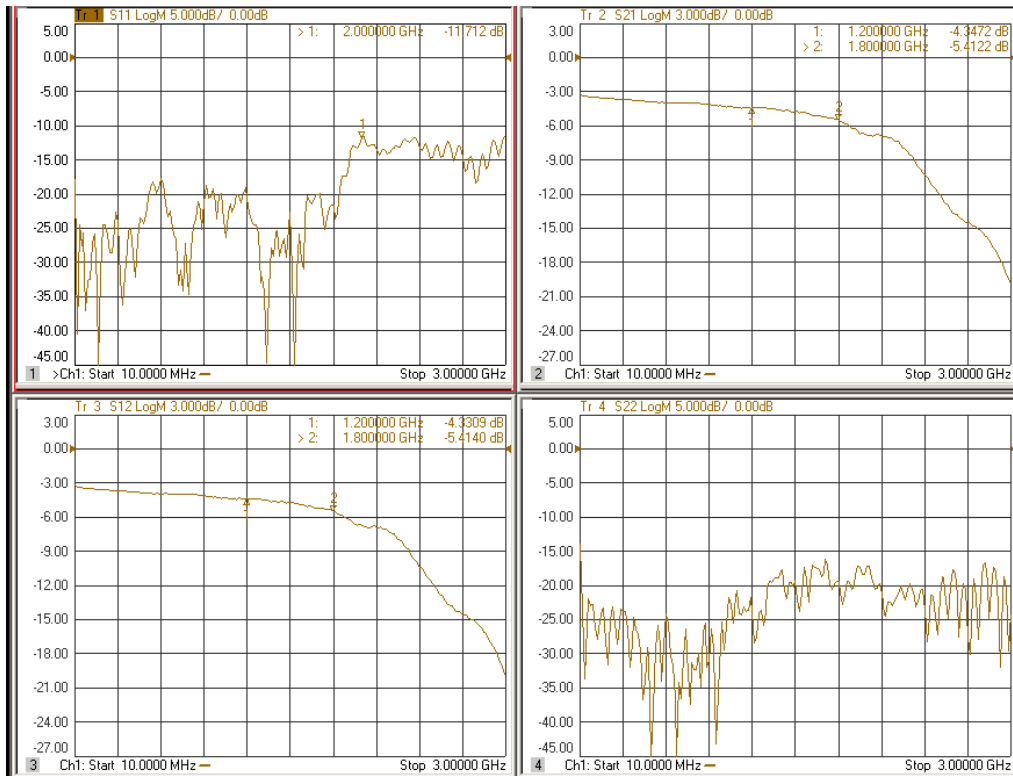


Figure 130: Scattering matrix for channel 2M, polarization y and output 3dB1.

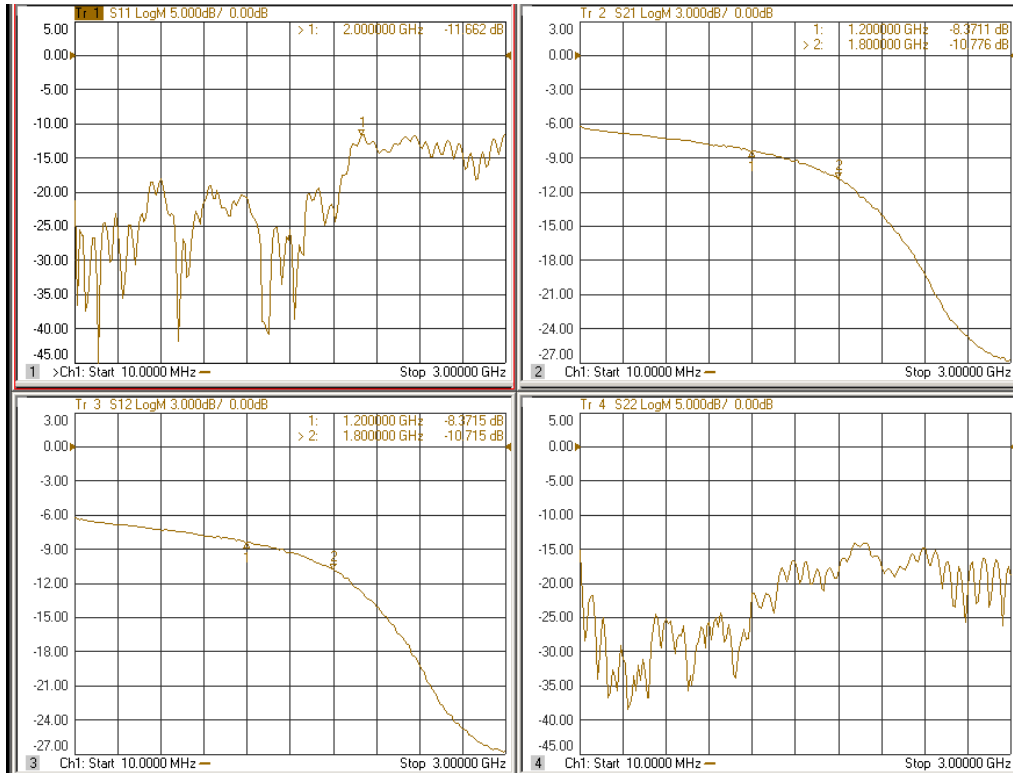


Figure 131: Scattering matrix for channel 2M, polarization y and output 6dB2.

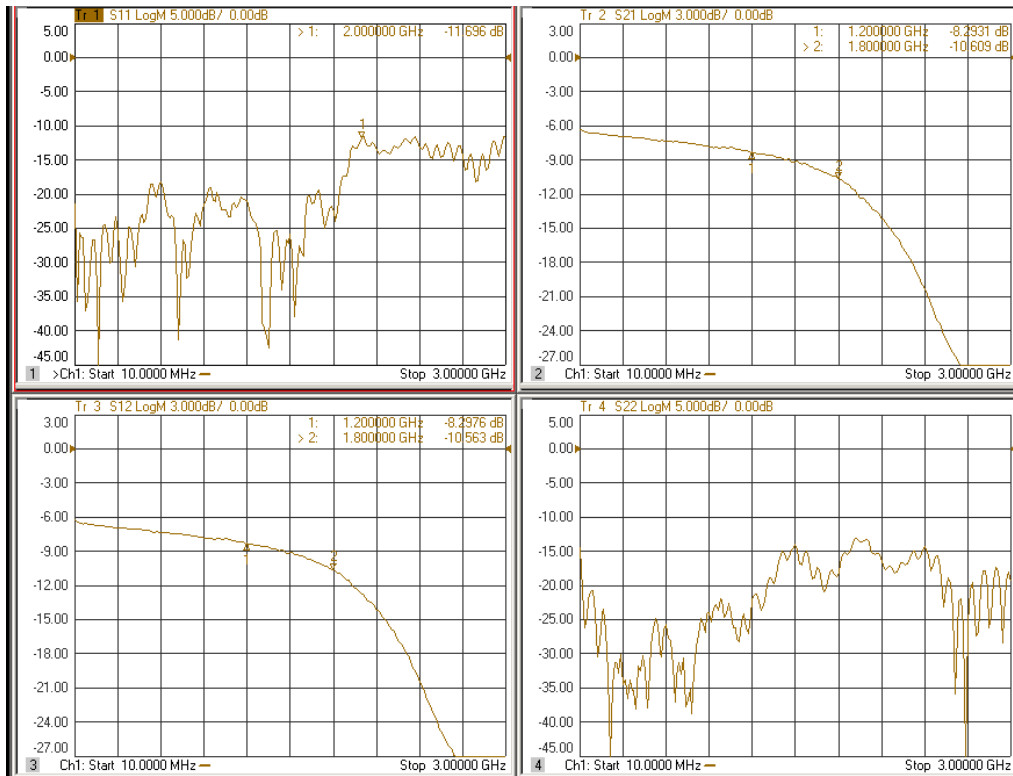


Figure 132: Scattering matrix for channel 2M, polarization y and output 6dB3.

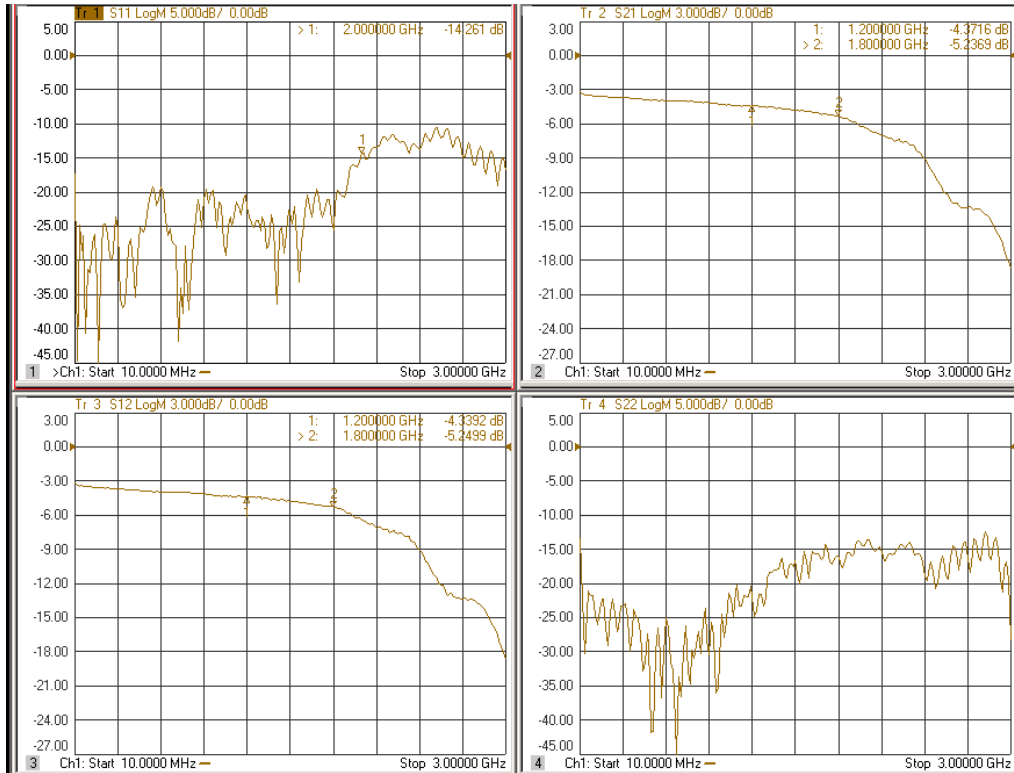


Figure 133: Scattering matrix for channel Ia, polarization x and output 3dB1.

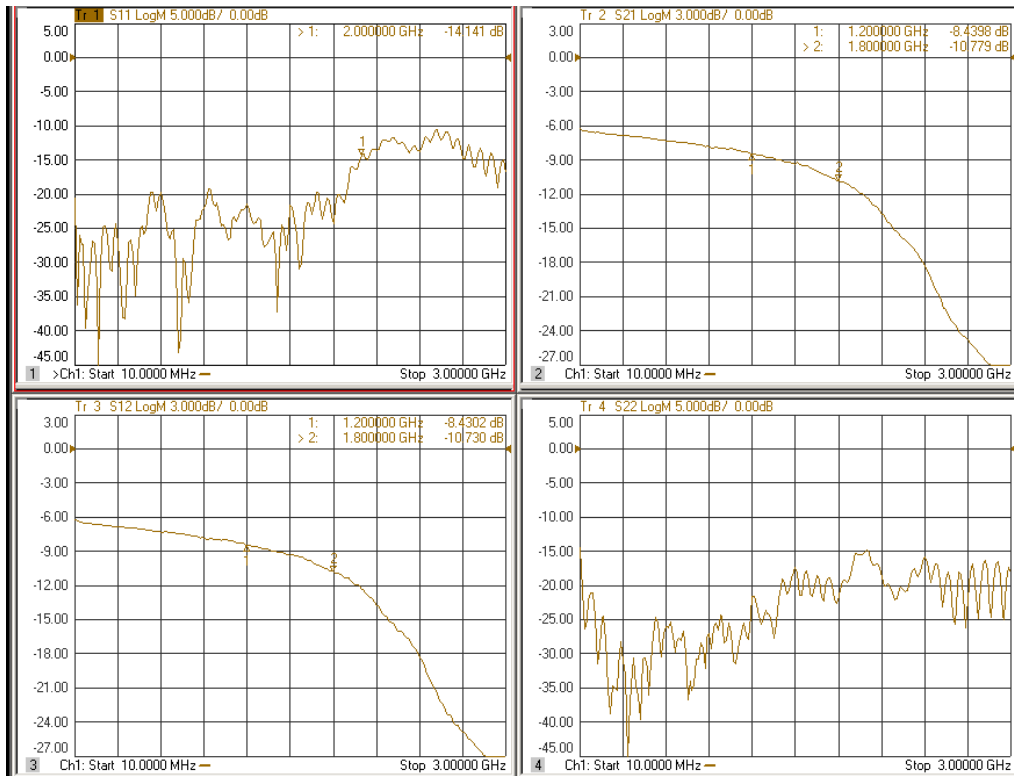


Figure 134: Scattering matrix for channel Ia, polarization x and output 6dB2.

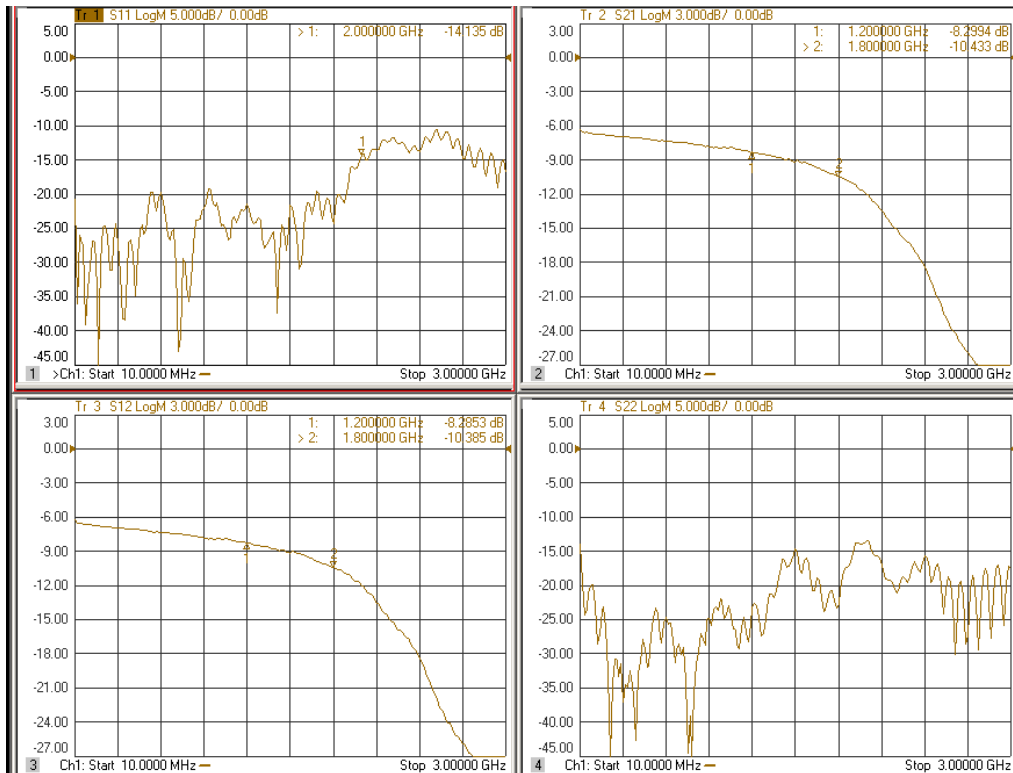


Figure 135: Scattering matrix for channel Ia, polarization x and output 6dB3.

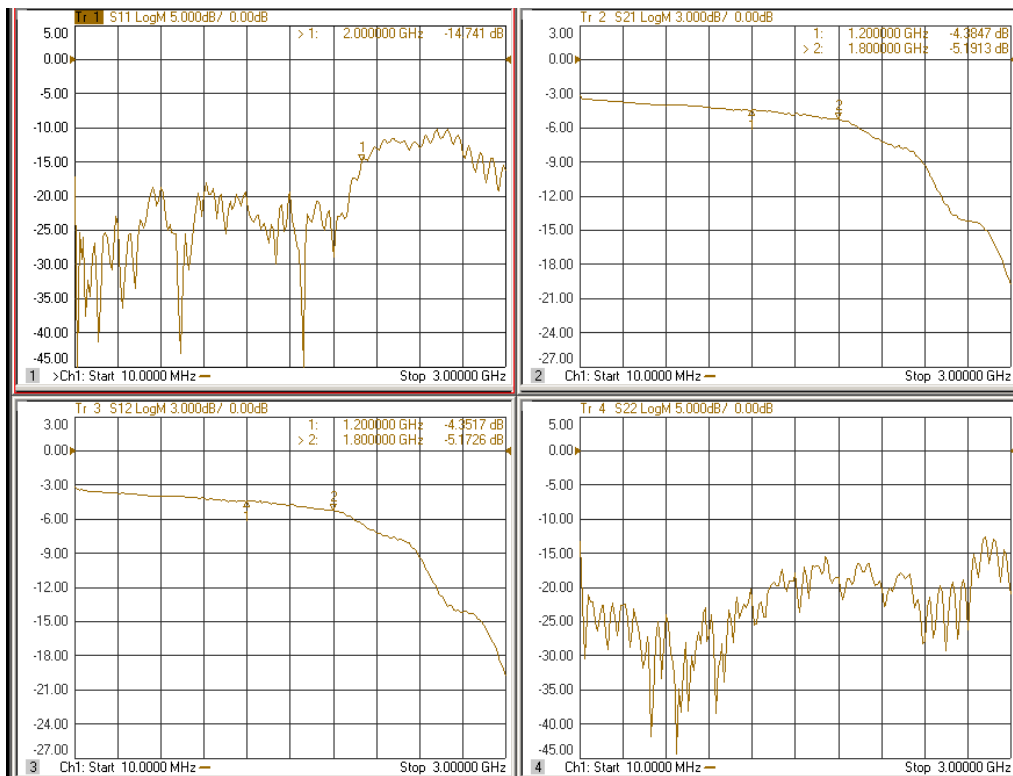


Figure 136: Scattering matrix for channel Ia, polarization y and output 3dB1.

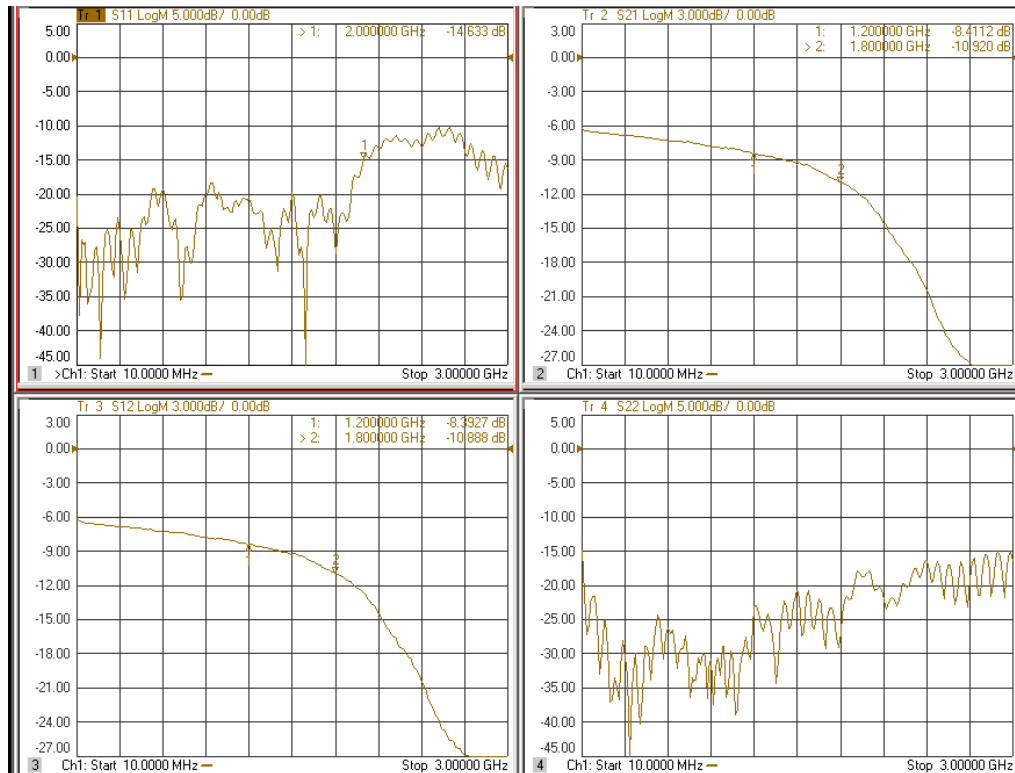


Figure 137: Scattering matrix for channel Ia, polarization y and output 6dB2.

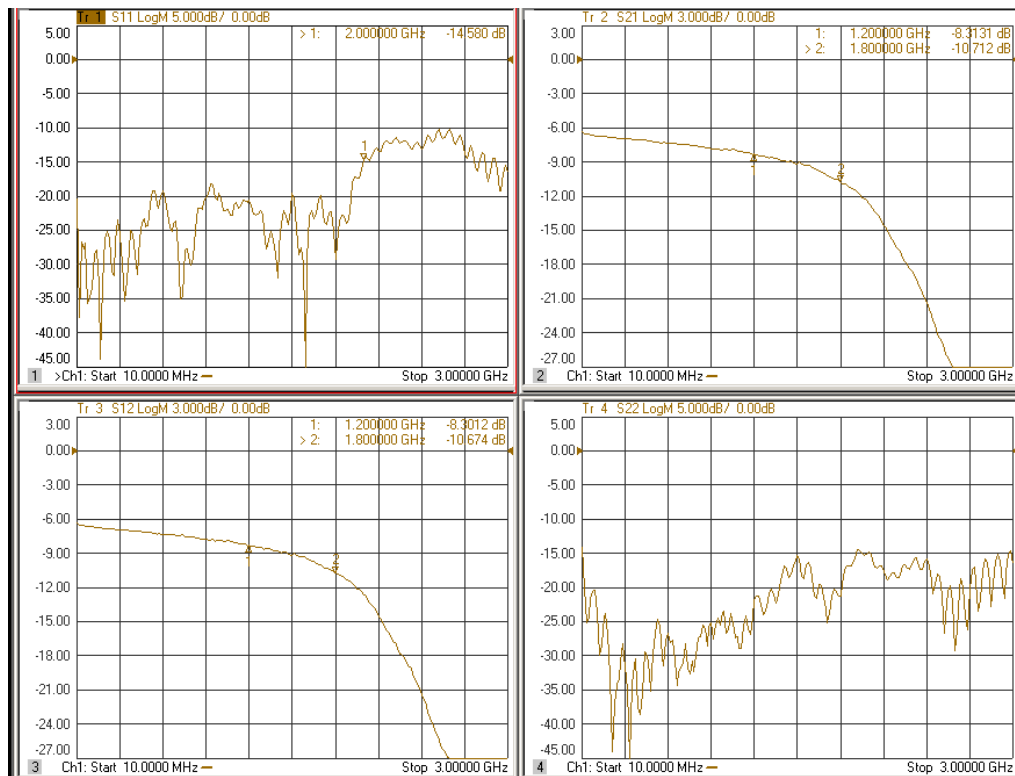


Figure 138: Scattering matrix for channel Ia, polarization y and output 6dB3.

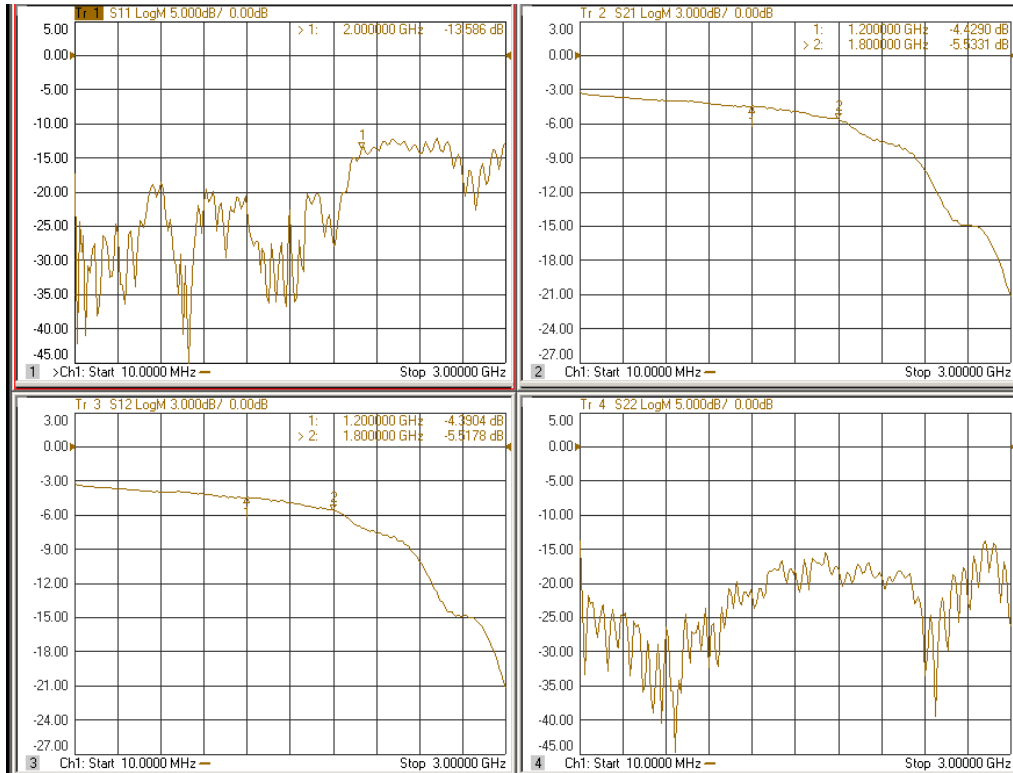


Figure 139: Scattering matrix for channel IIa, polarization x and output 3dB1.

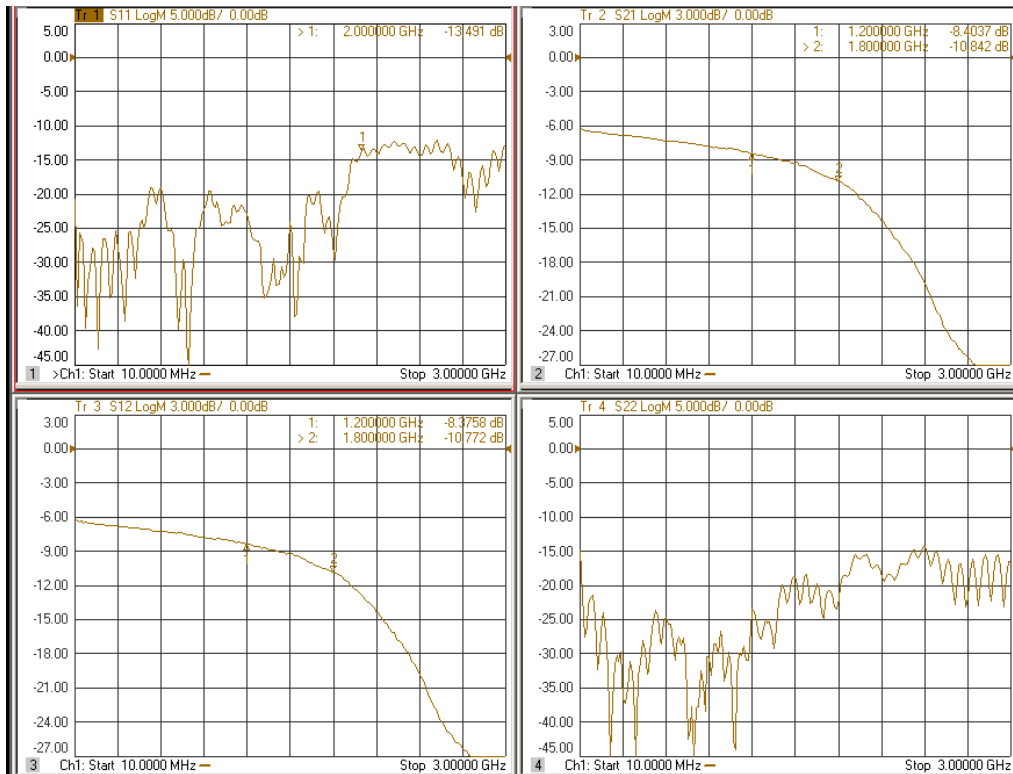


Figure 140: Scattering matrix for channel IIa, polarization x and output 6dB2.

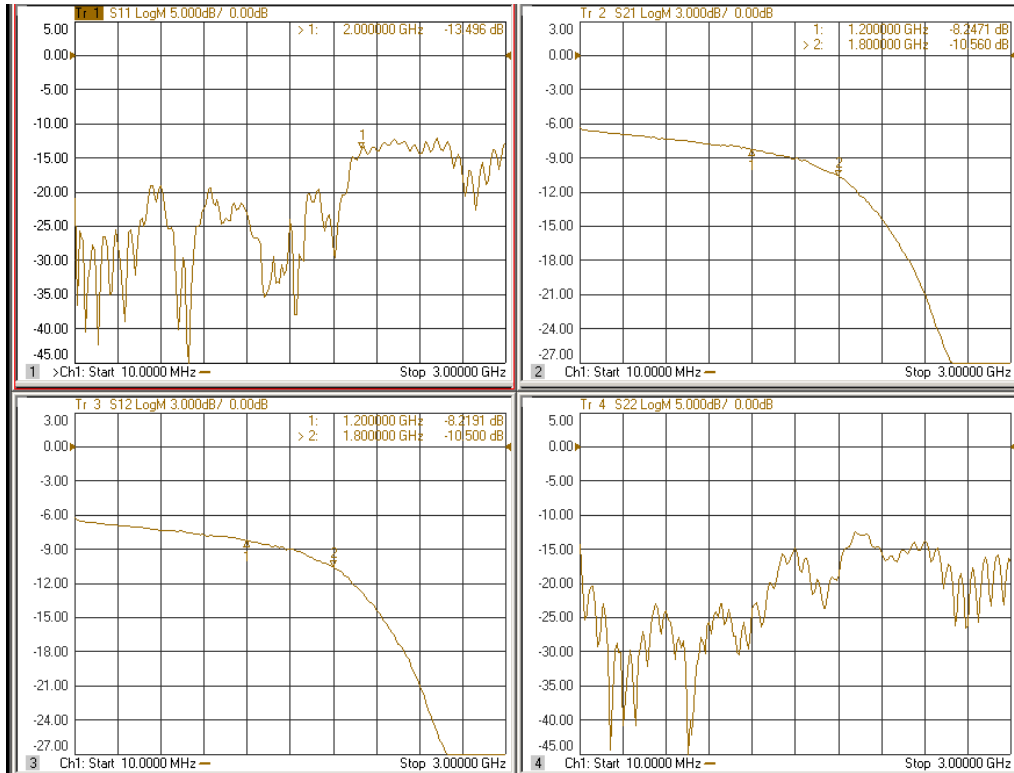


Figure 141: Scattering matrix for channel IIa, polarization x and output 6dB3.

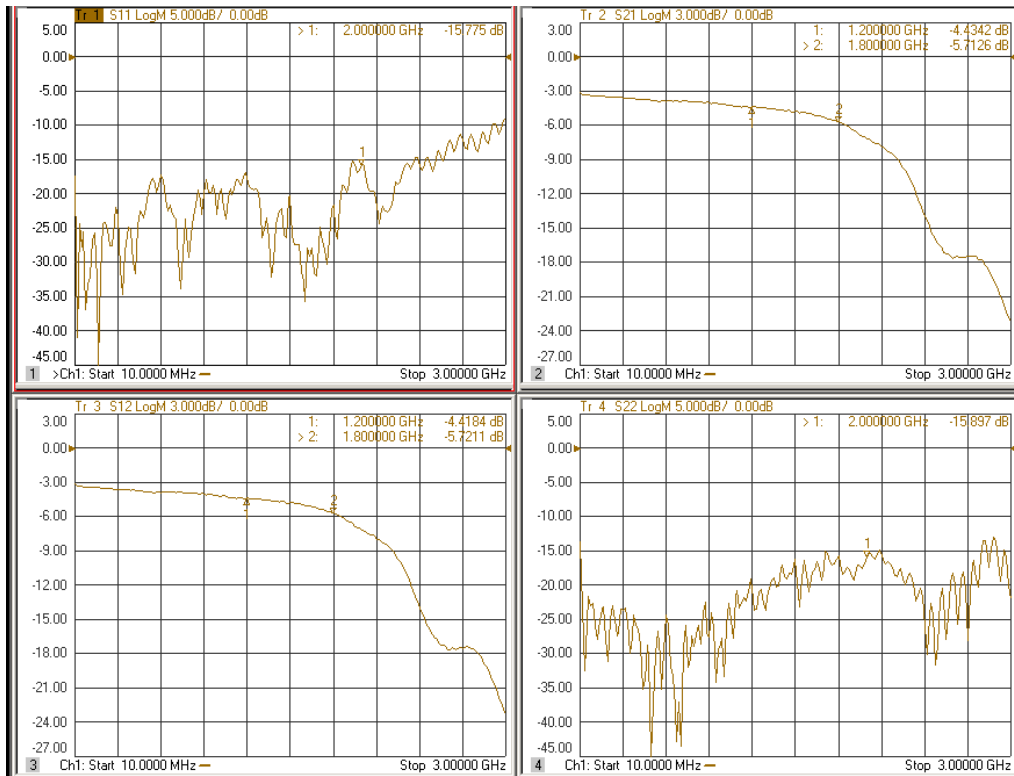


Figure 142: Scattering matrix for channel IIa, polarization y and output 3dB1.

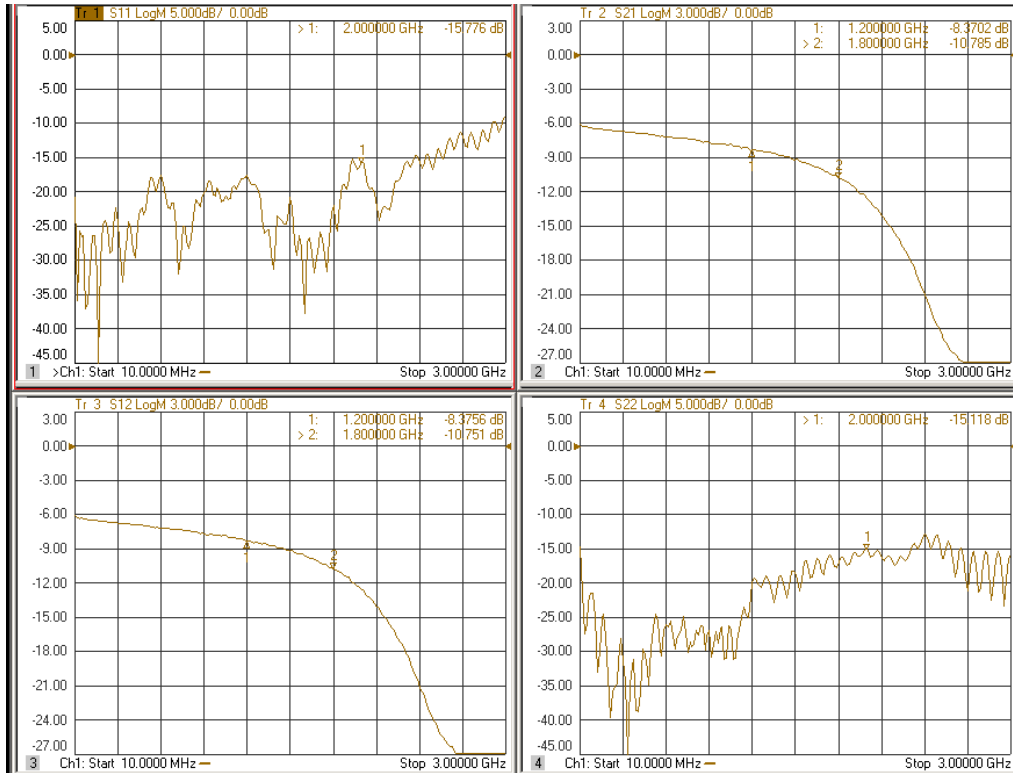


Figure 143: Scattering matrix for channel IIa, polarization y and output 6dB2.

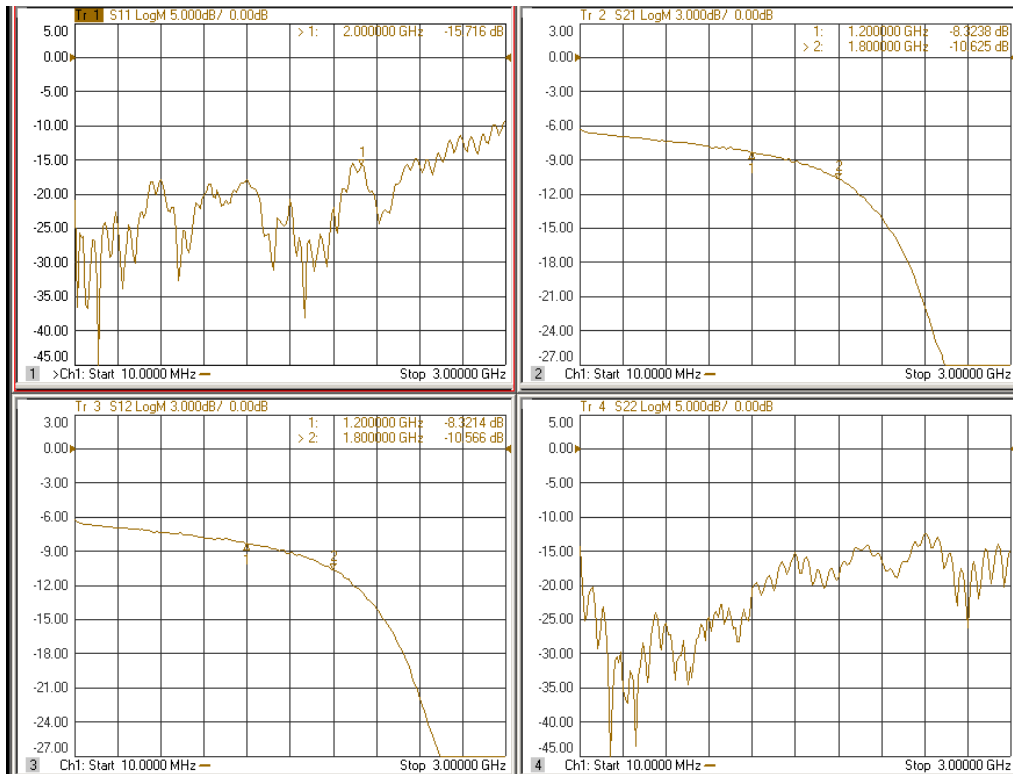


Figure 144: Scattering matrix for channel IIa, polarization y and output 6dB3.

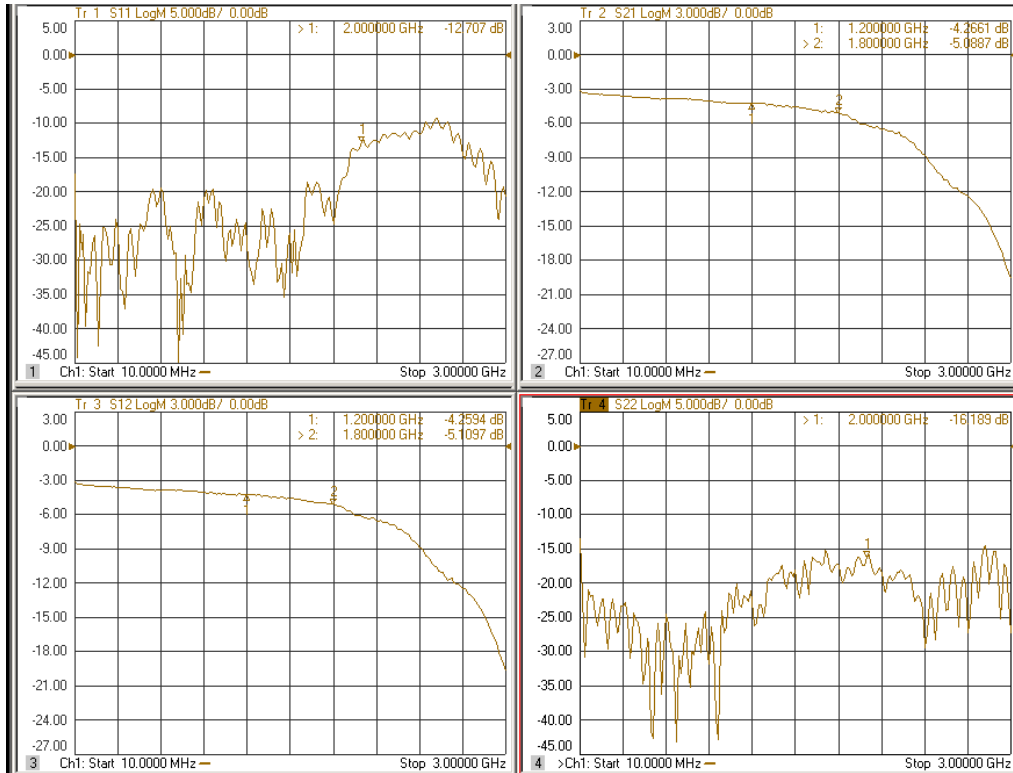


Figure 145: Scattering matrix for channel 3C, polarization x and output 3dB1.

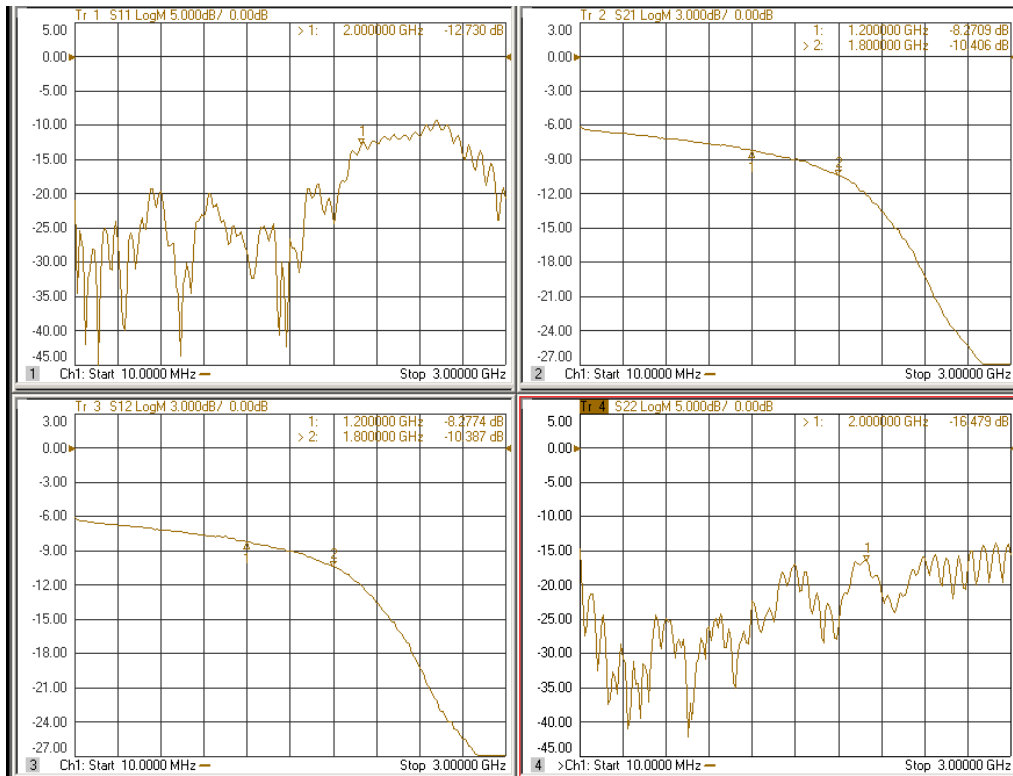


Figure 146: Scattering matrix for channel 3C, polarization x and output 6dB2.

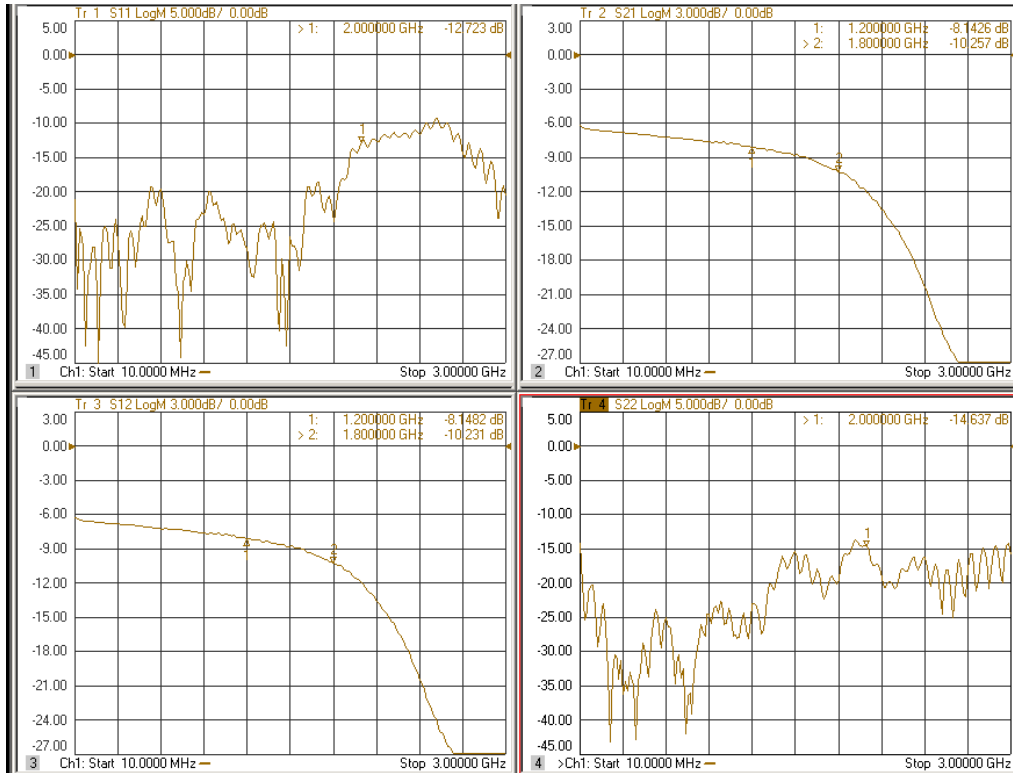


Figure 147: Scattering matrix for channel 3C, polarization x and output 6dB3.

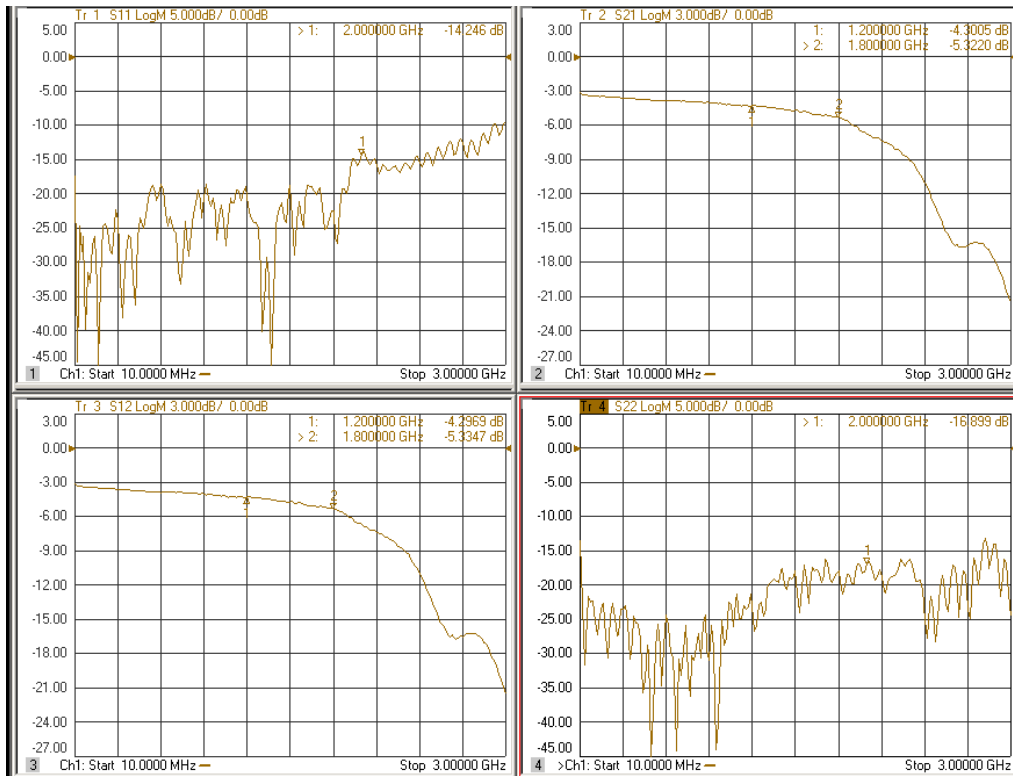


Figure 148: Scattering matrix for channel 3C, polarization y and output 3dB1.

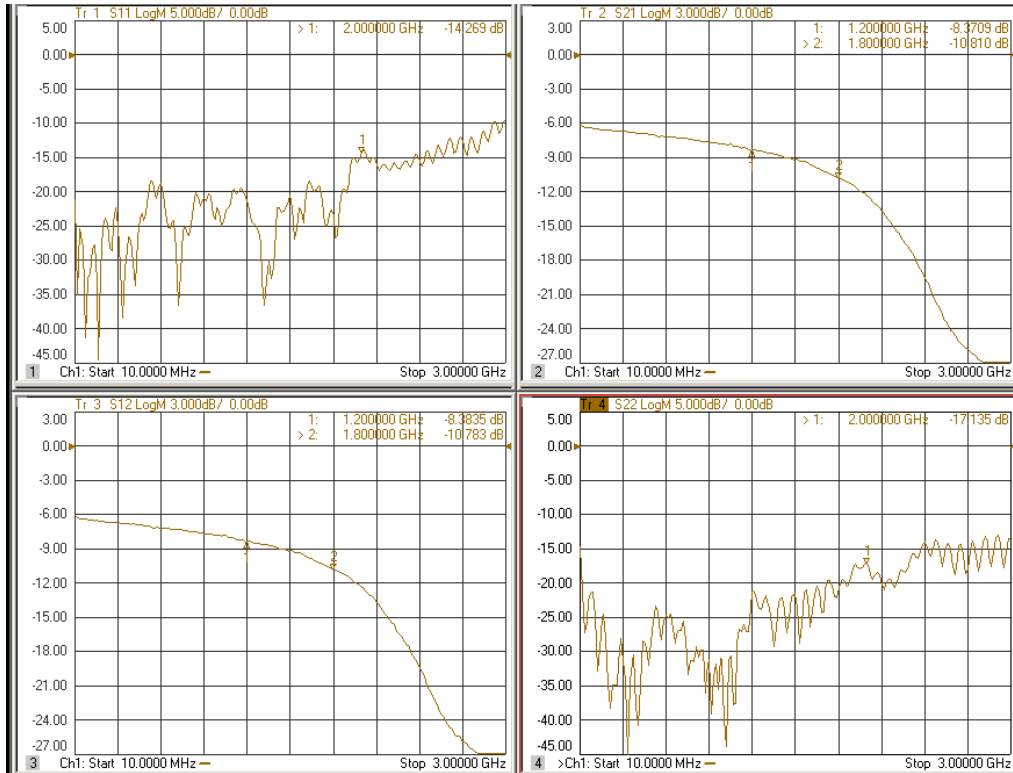


Figure 149: Scattering matrix for channel 3C, polarization y and output 6dB2.

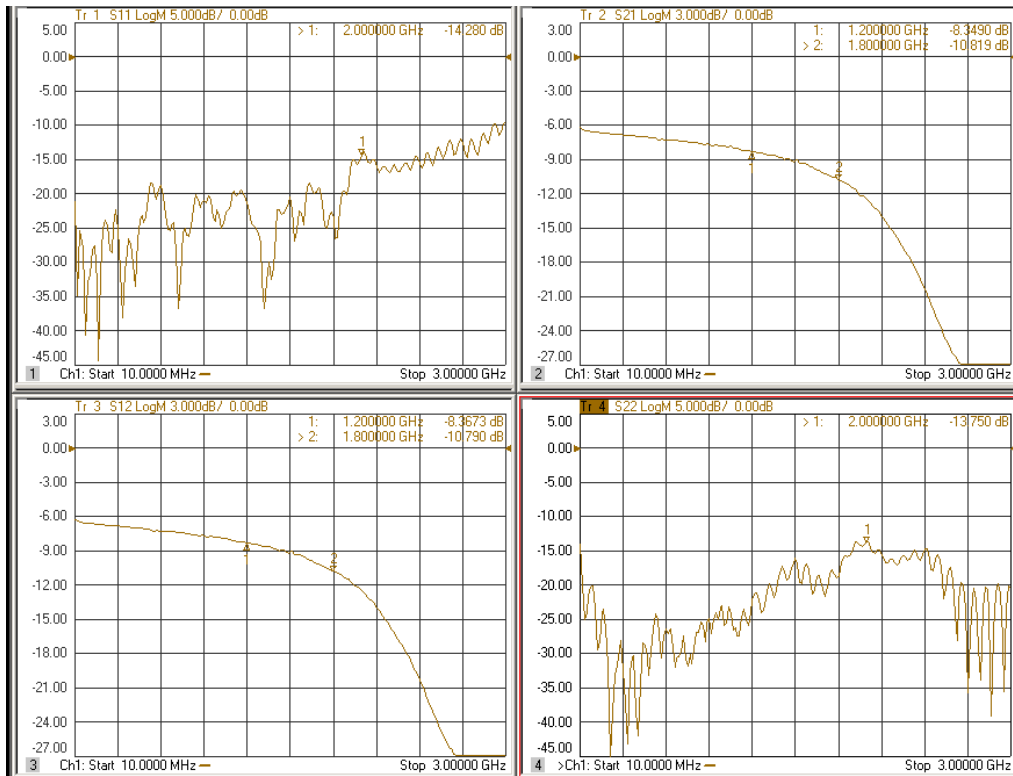


Figure 150: Scattering matrix for channel 3C, polarization y and output 6dB3.

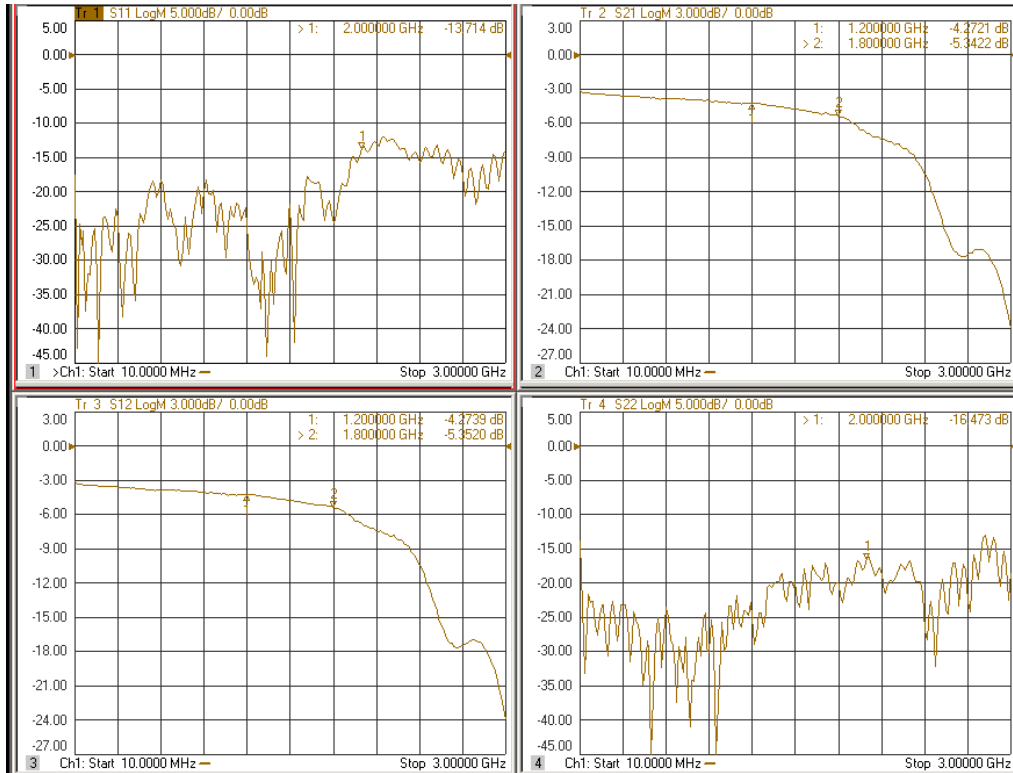


Figure 151: Scattering matrix for channel 3D, polarization x and output 3dB1.

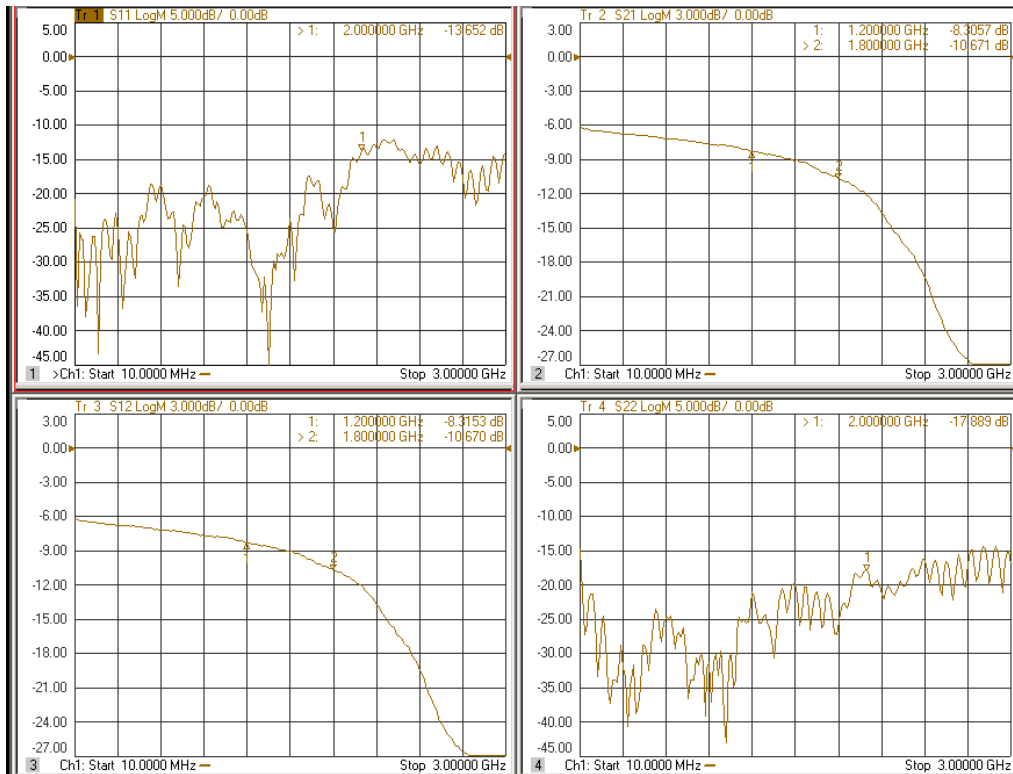


Figure 152: Scattering matrix for channel 3D, polarization x and output 6dB2.

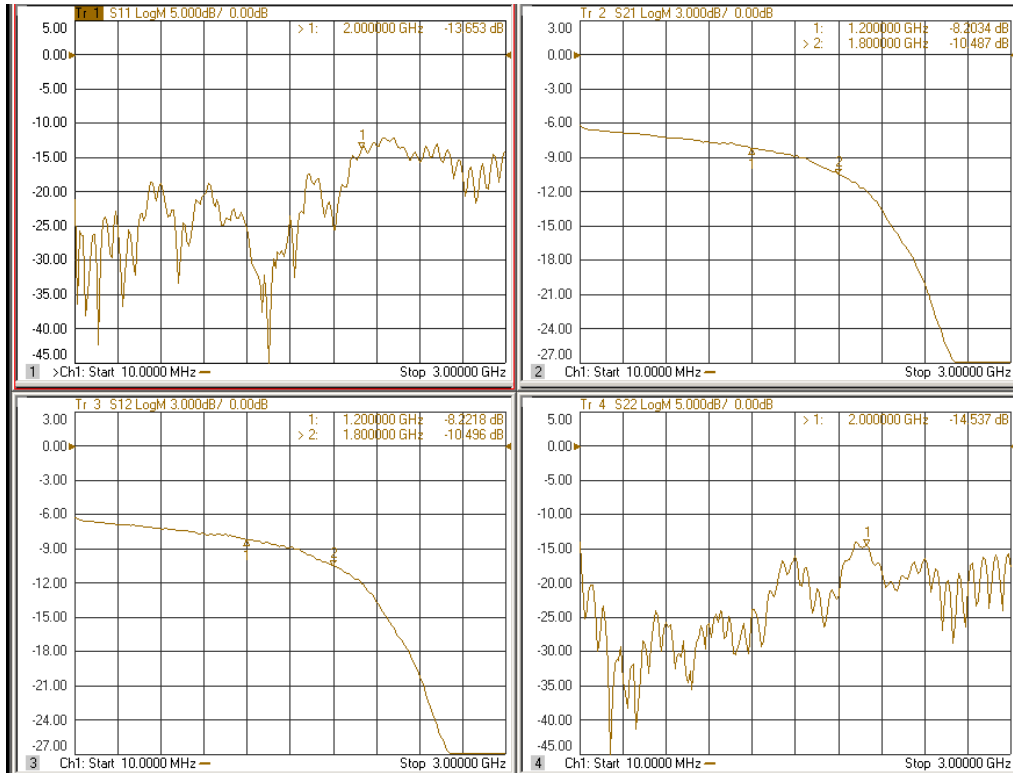


Figure 153: Scattering matrix for channel 3D, polarization x and output 6dB3.

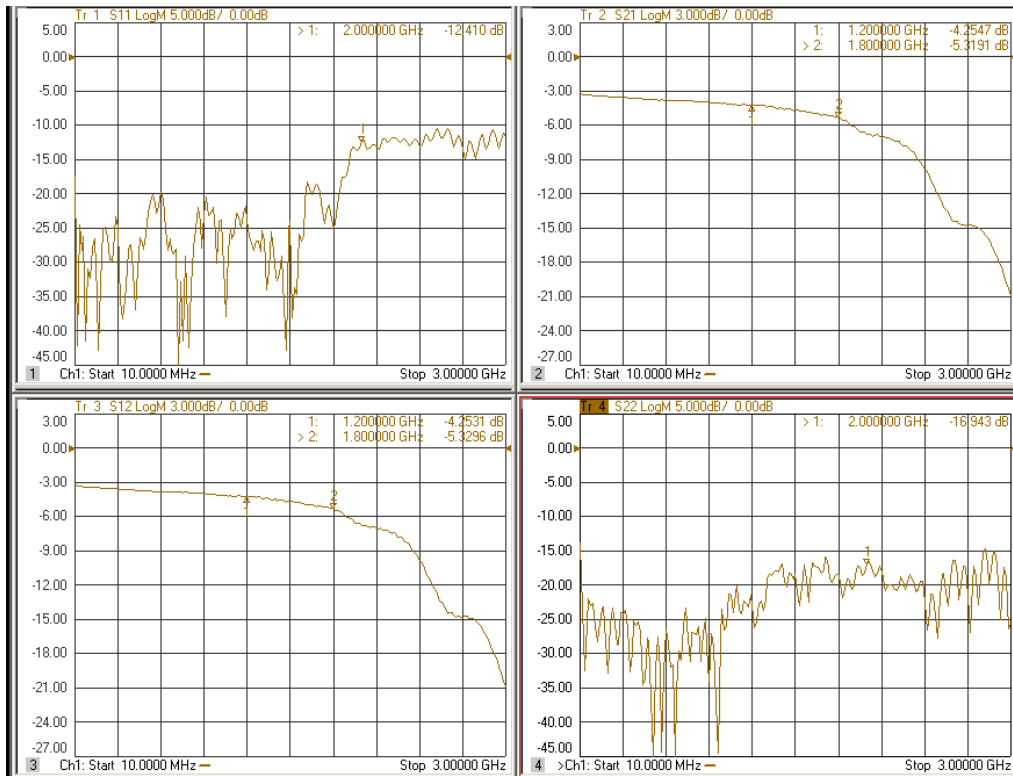


Figure 154: Scattering matrix for channel 3D, polarization y and output 3dB1.

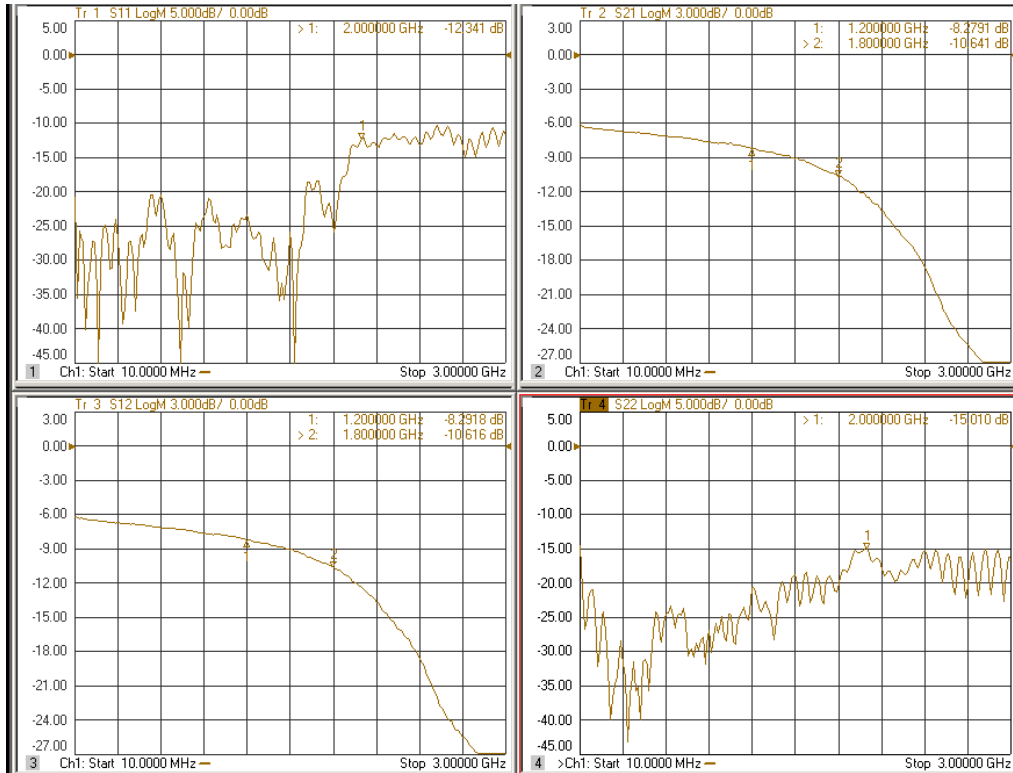


Figure 155: Scattering matrix for channel 3D, polarization y and output 6dB2.

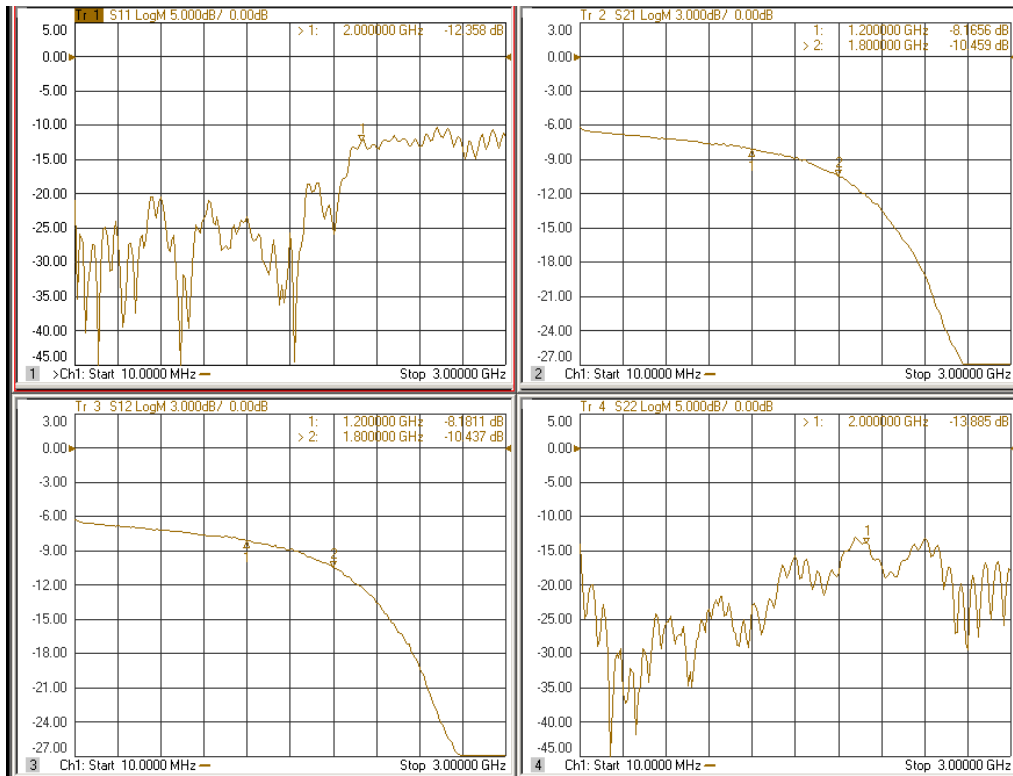


Figure 156: Scattering matrix for channel 3D, polarization y and output 6dB3.

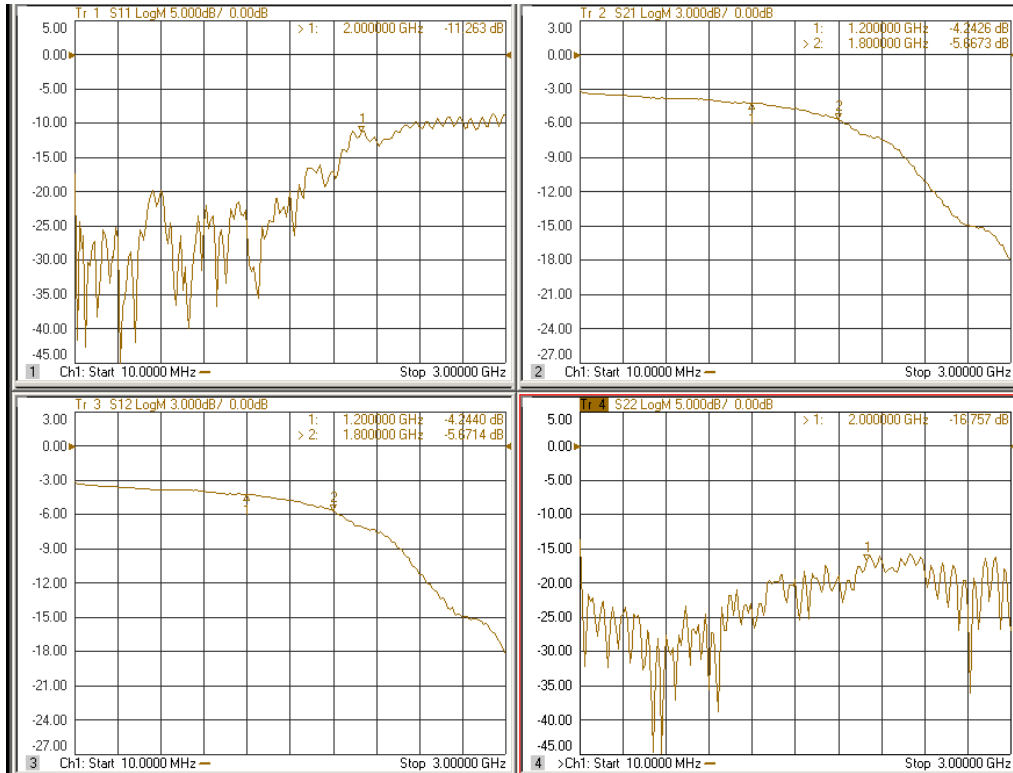


Figure 157: Scattering matrix for channel 3E, polarization x and output 3dB1.

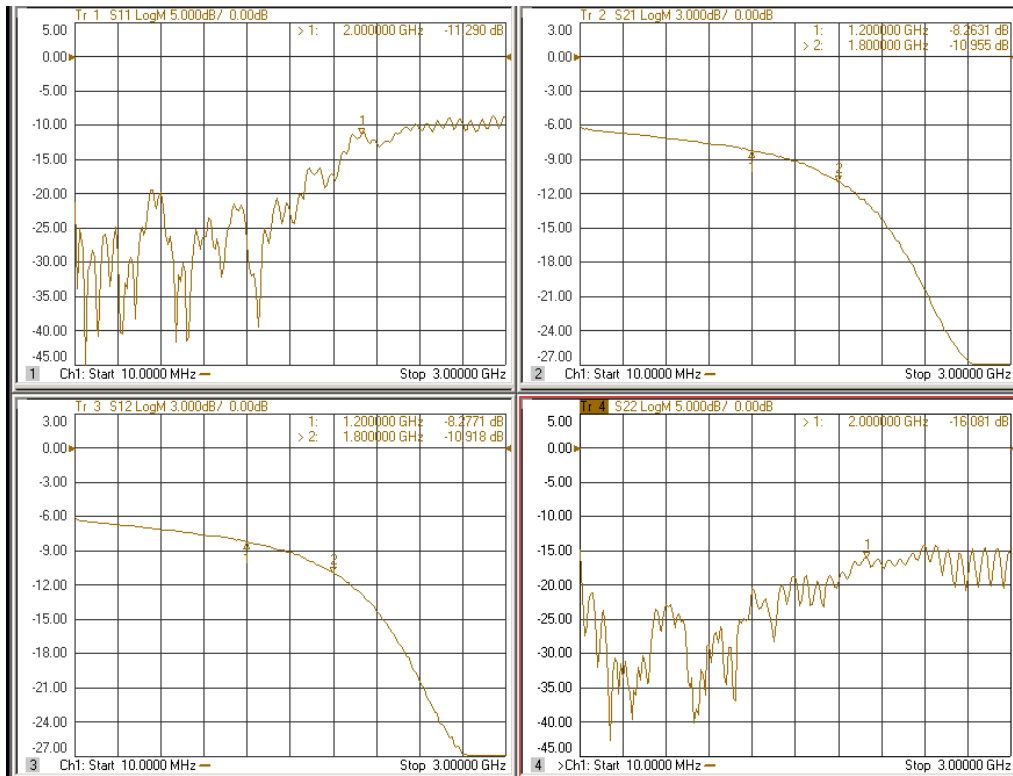


Figure 158: Scattering matrix for channel 3E, polarization x and output 6dB2.

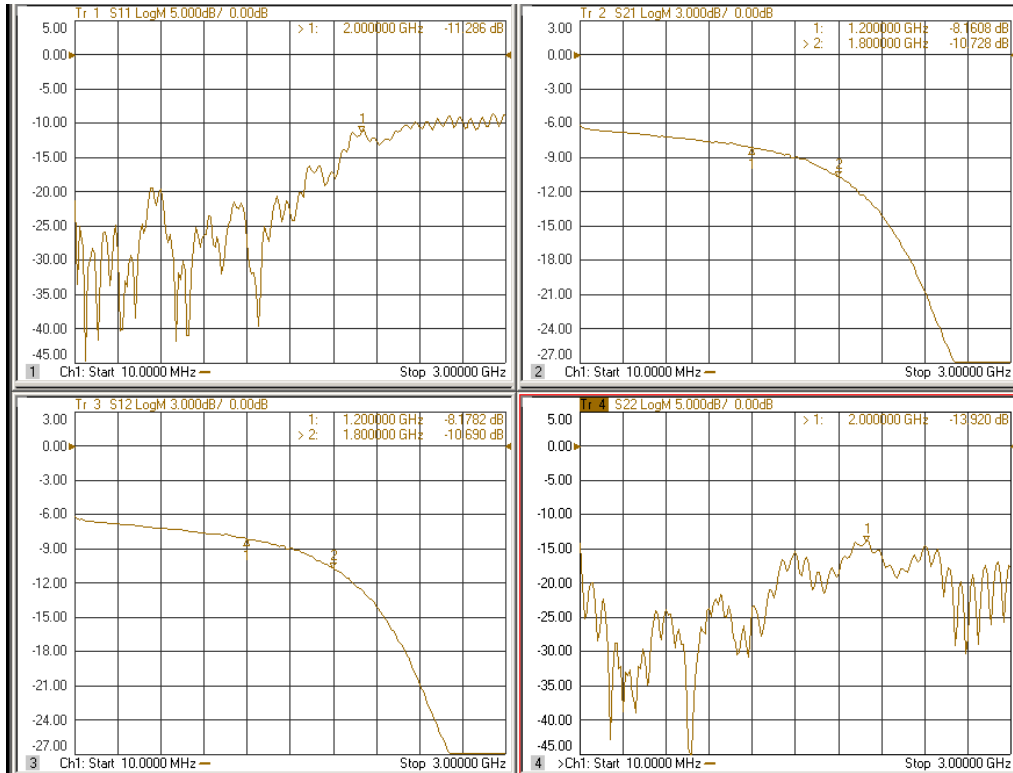


Figure 159: Scattering matrix for channel 3E, polarization x and output 6dB3.

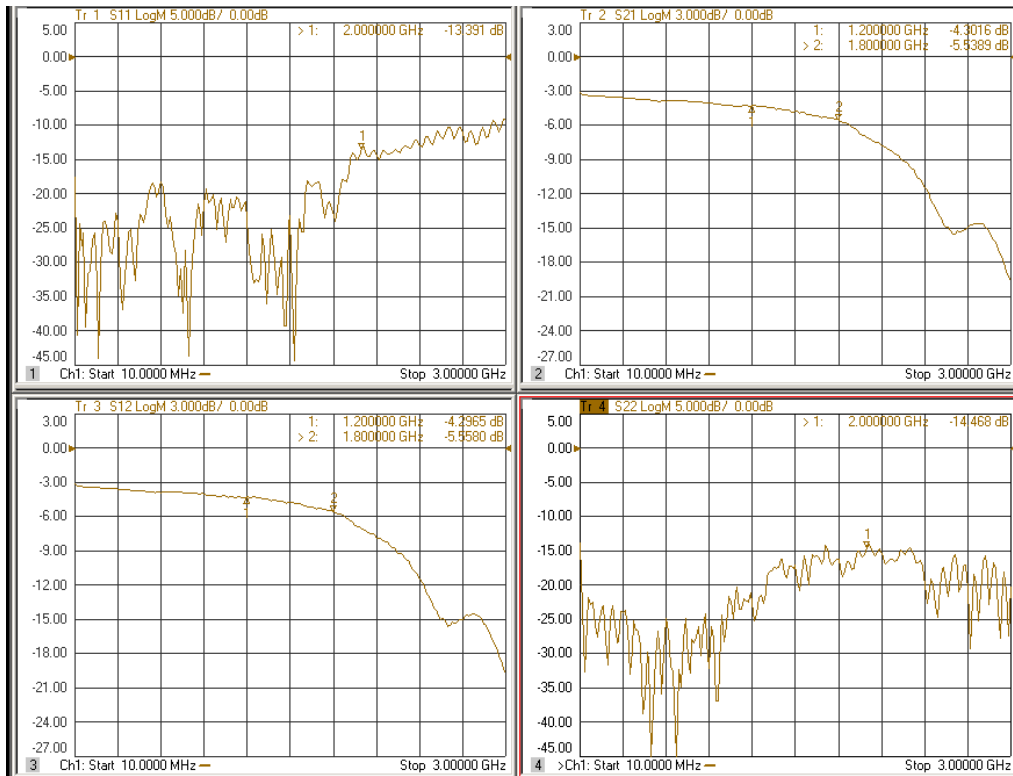


Figure 160: Scattering matrix for channel 3E, polarization y and output 3dB1.

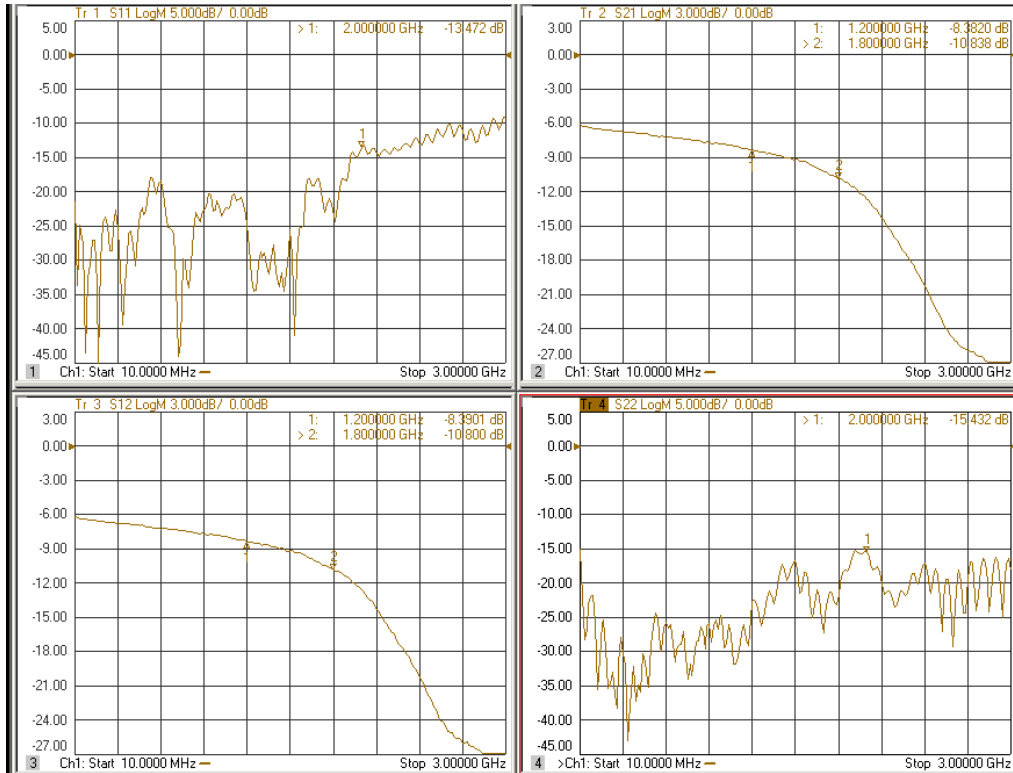


Figure 161: Scattering matrix for channel 3E, polarization y and output 6dB2.

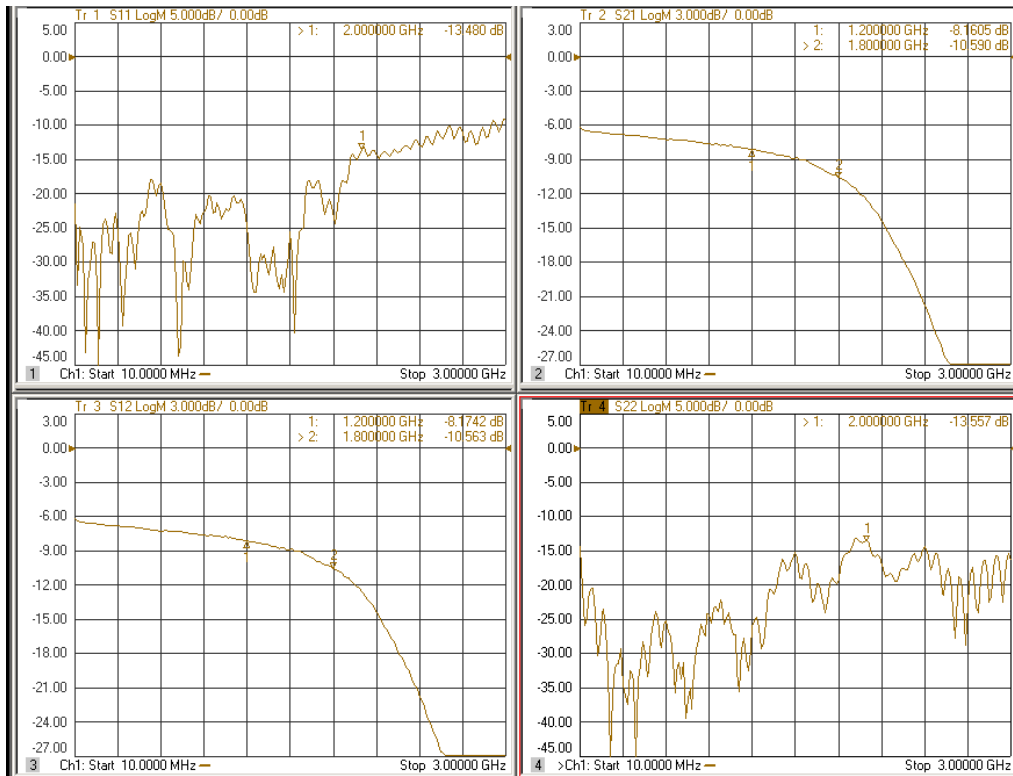


Figure 162: Scattering matrix for channel 3E, polarization y and output 6dB3.

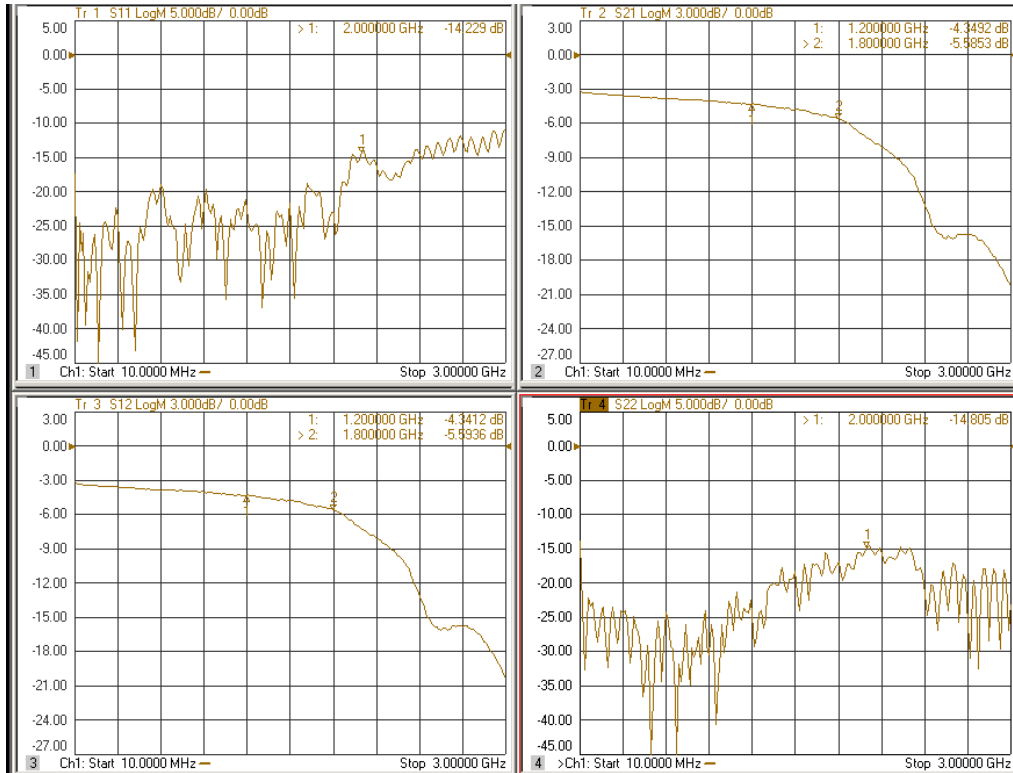


Figure 163: Scattering matrix for channel 3F, polarization x and output 3dB1.

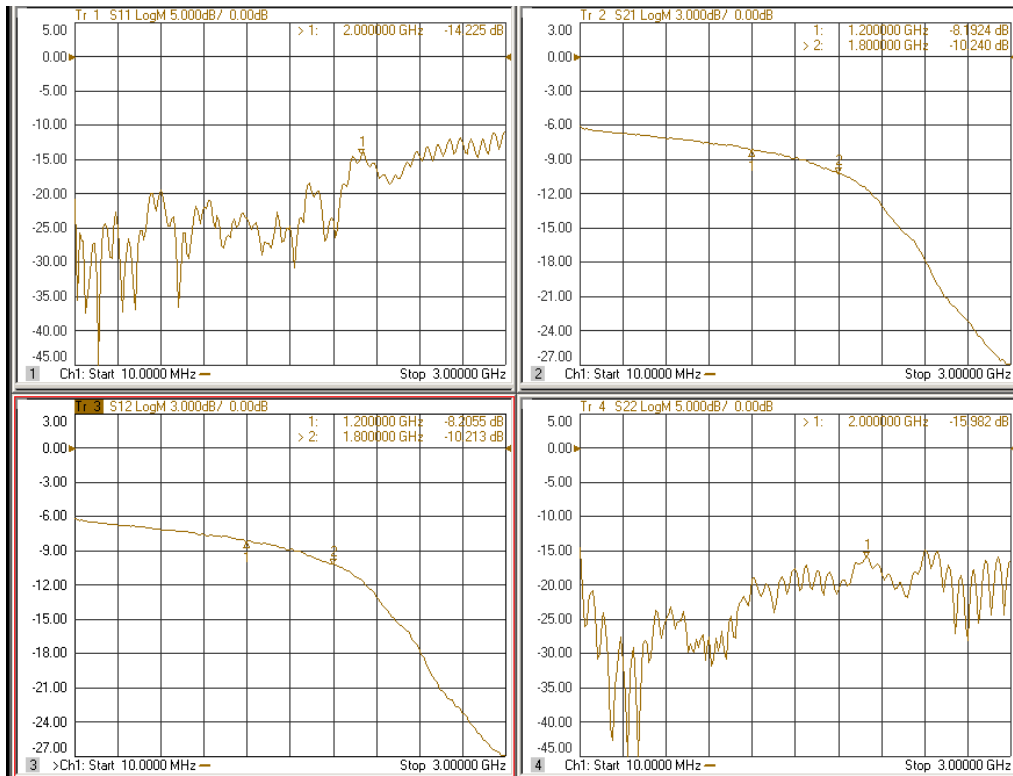


Figure 164: Scattering matrix for channel 3F, polarization x and output 6dB2.

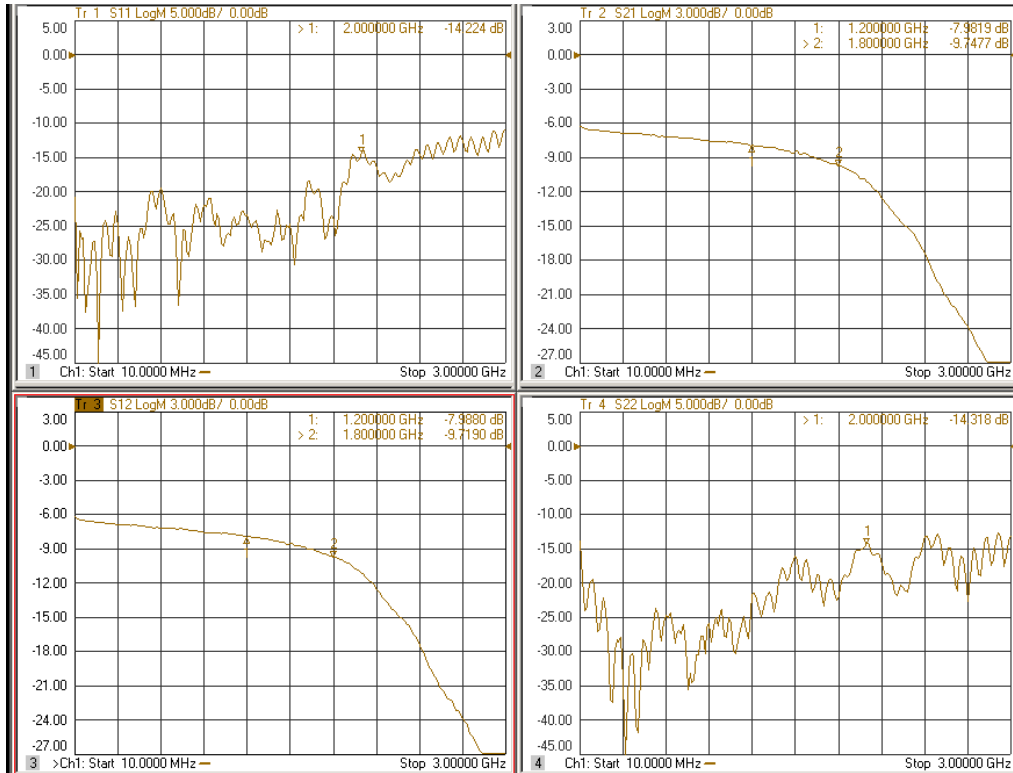


Figure 165: Scattering matrix for channel 3F, polarization x and output 6dB3.

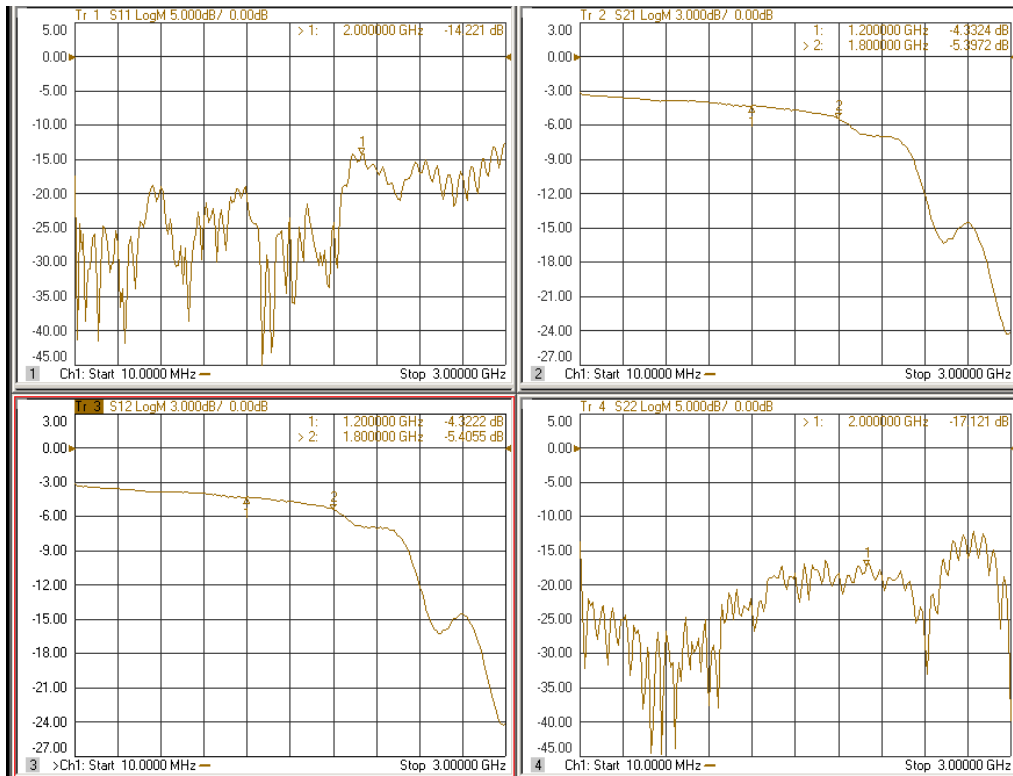


Figure 166: Scattering matrix for channel 3F, polarization y and output 3dB1.

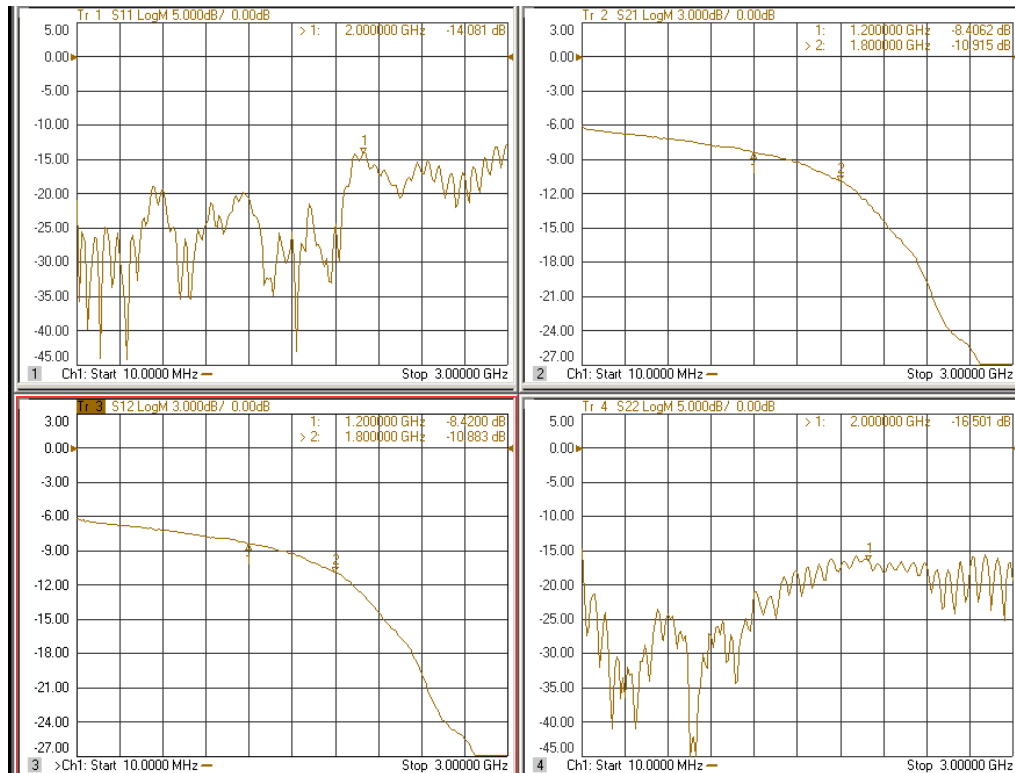


Figure 167: Scattering matrix for channel 3F, polarization y and output 6dB2.

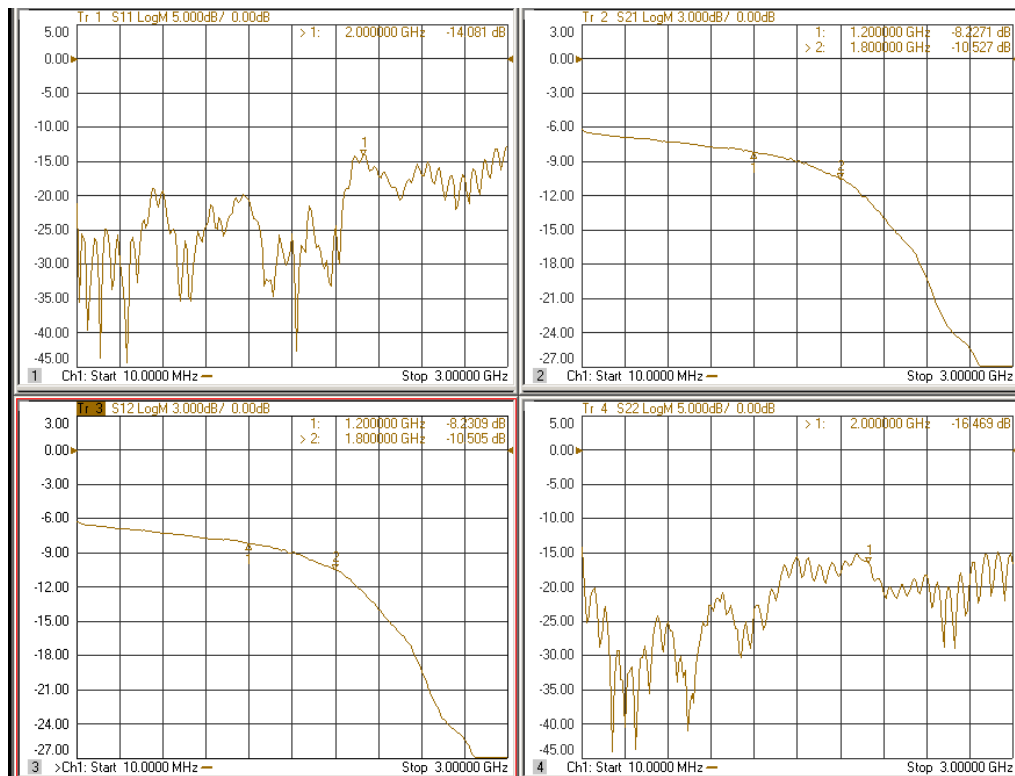


Figure 168: Scattering matrix for channel 3F, polarization y and output 6dB3.

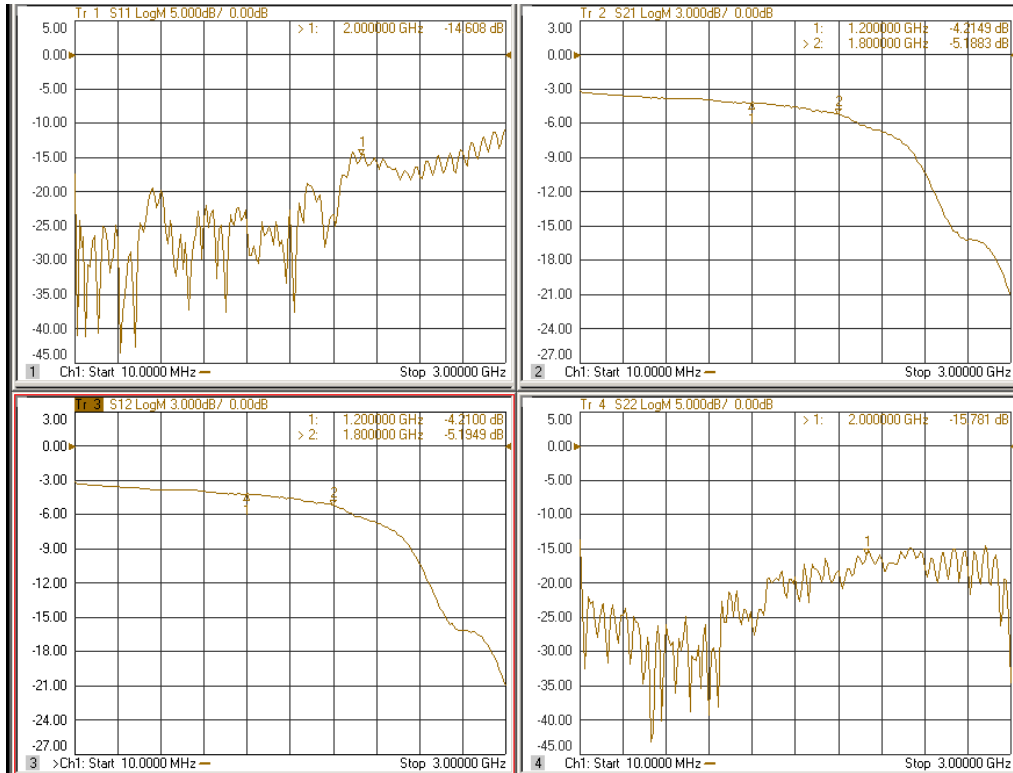


Figure 169: Scattering matrix for channel 3G, polarization x and output 3dB1.

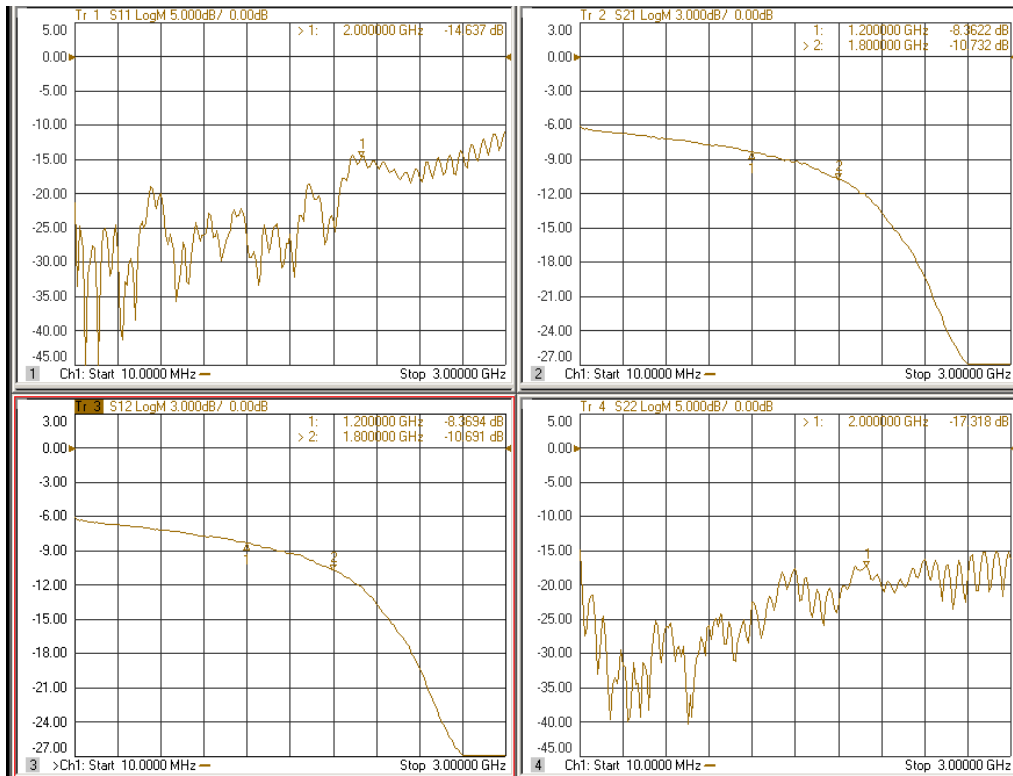


Figure 170: Scattering matrix for channel 3G, polarization x and output 6dB2.

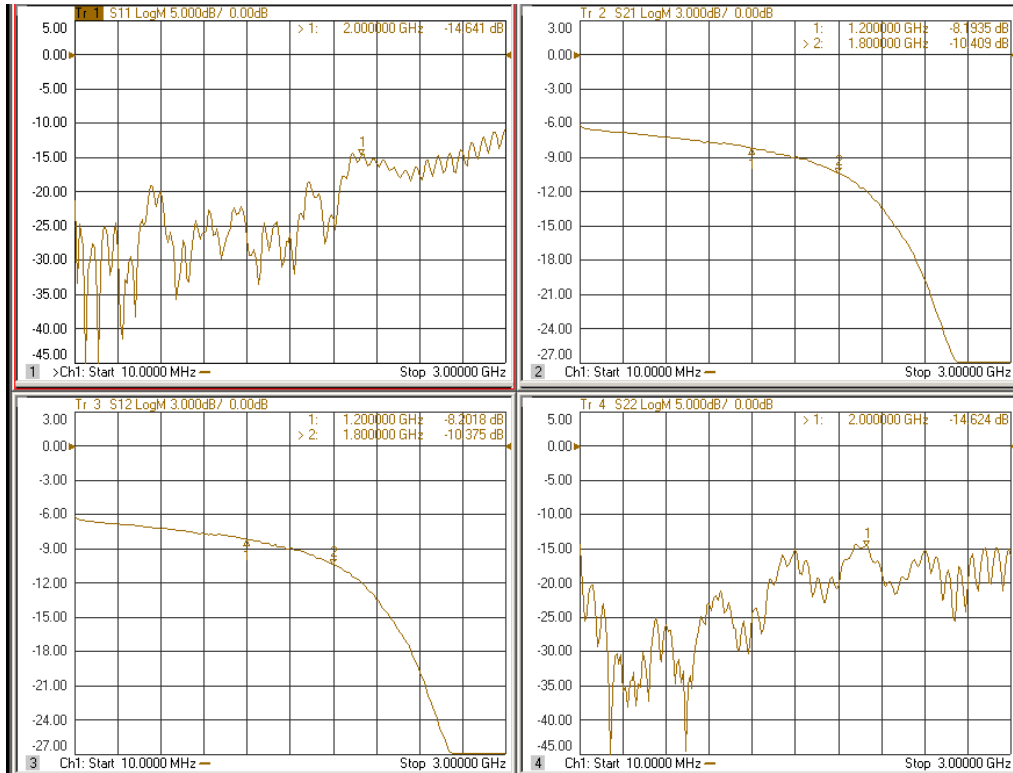


Figure 171: Scattering matrix for channel 3G, polarization x and output 6dB3.

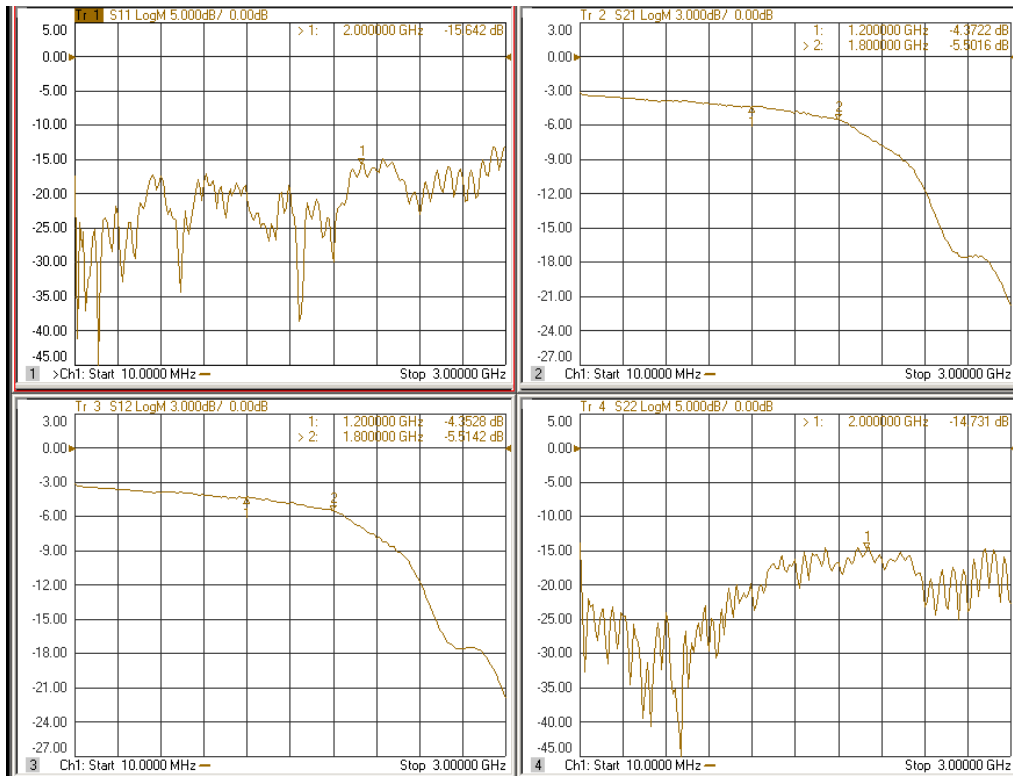


Figure 172: Scattering matrix for channel 3G, polarization y and output 3dB1.

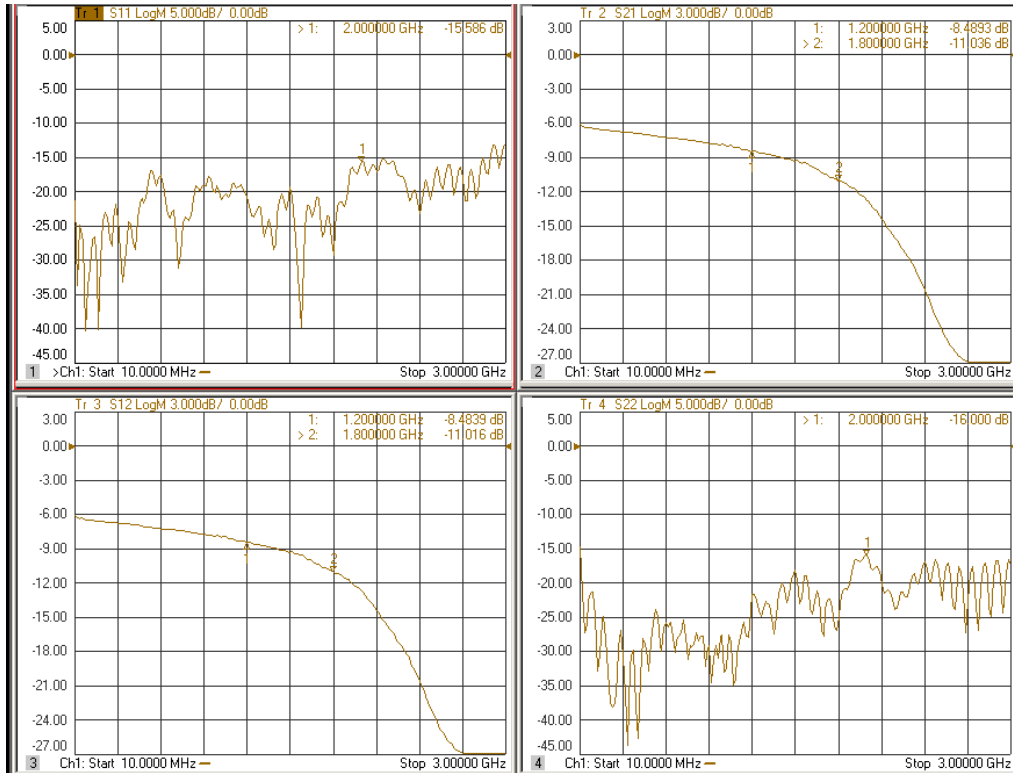


Figure 173: Scattering matrix for channel 3G, polarization y and output 6dB2.

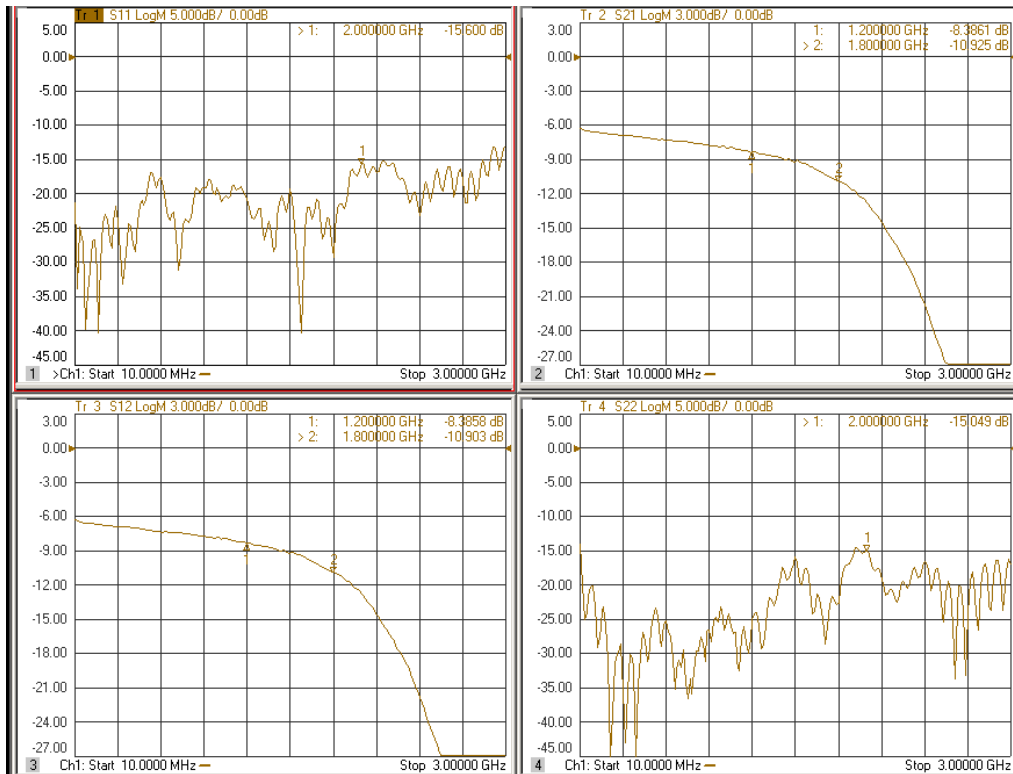


Figure 174: Scattering matrix for channel 3G, polarization y and output 6dB3.

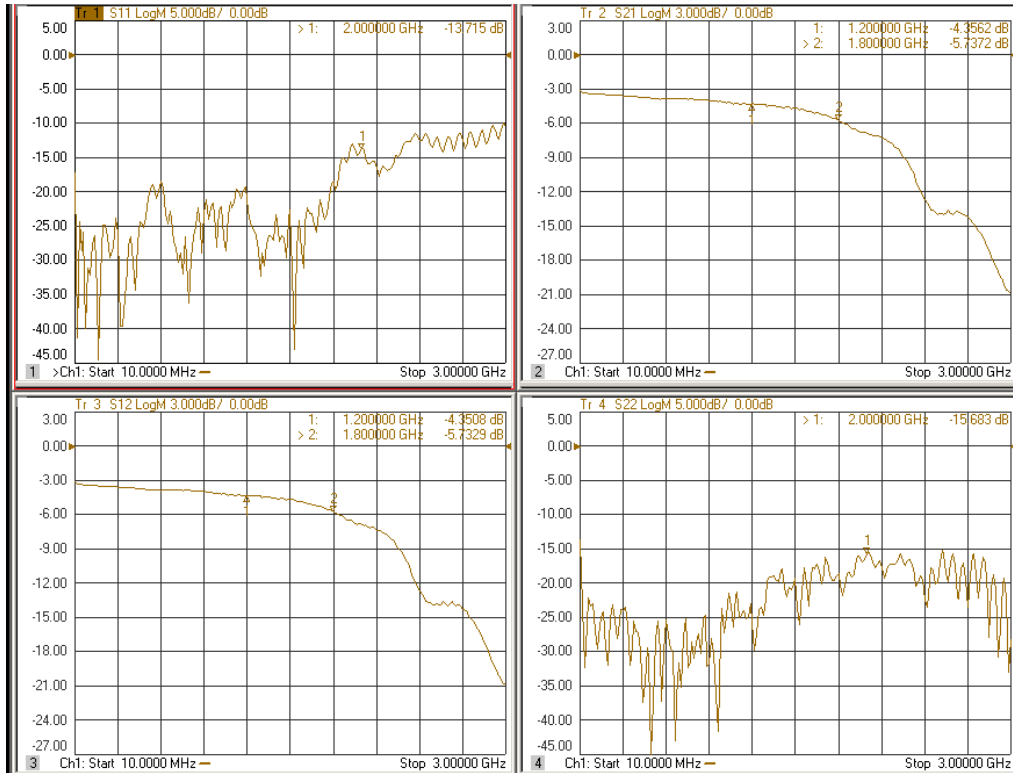


Figure 175: Scattering matrix for channel 3H, polarization x and output 3dB1.

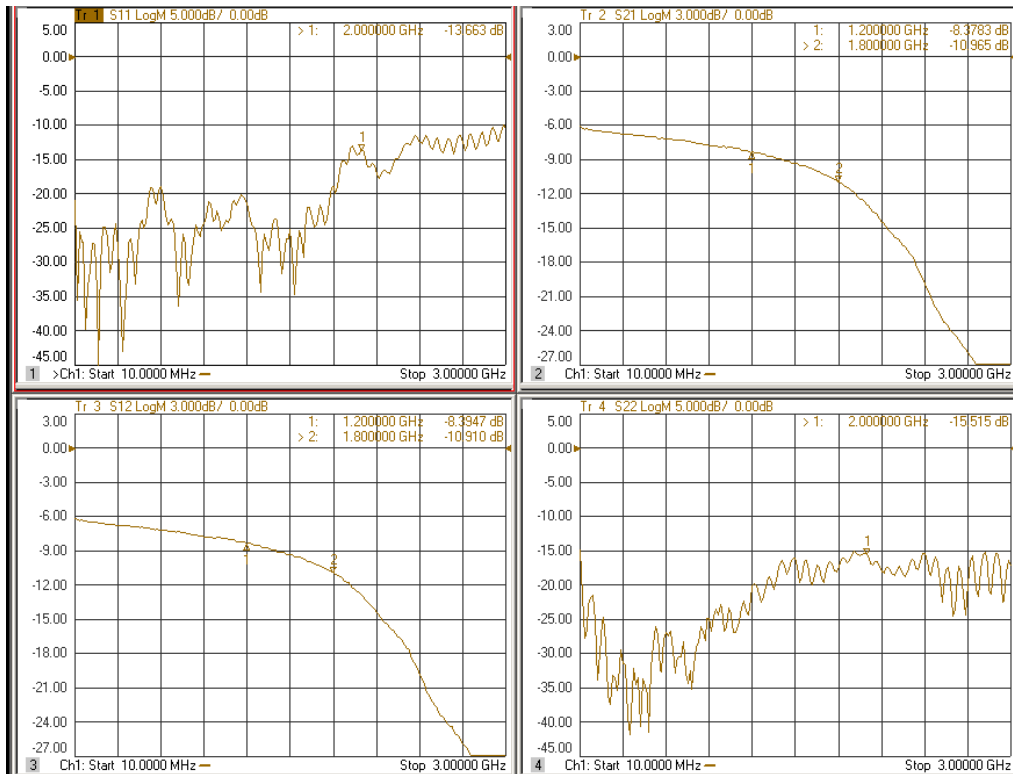


Figure 176: Scattering matrix for channel 3H, polarization x and output 6dB2.

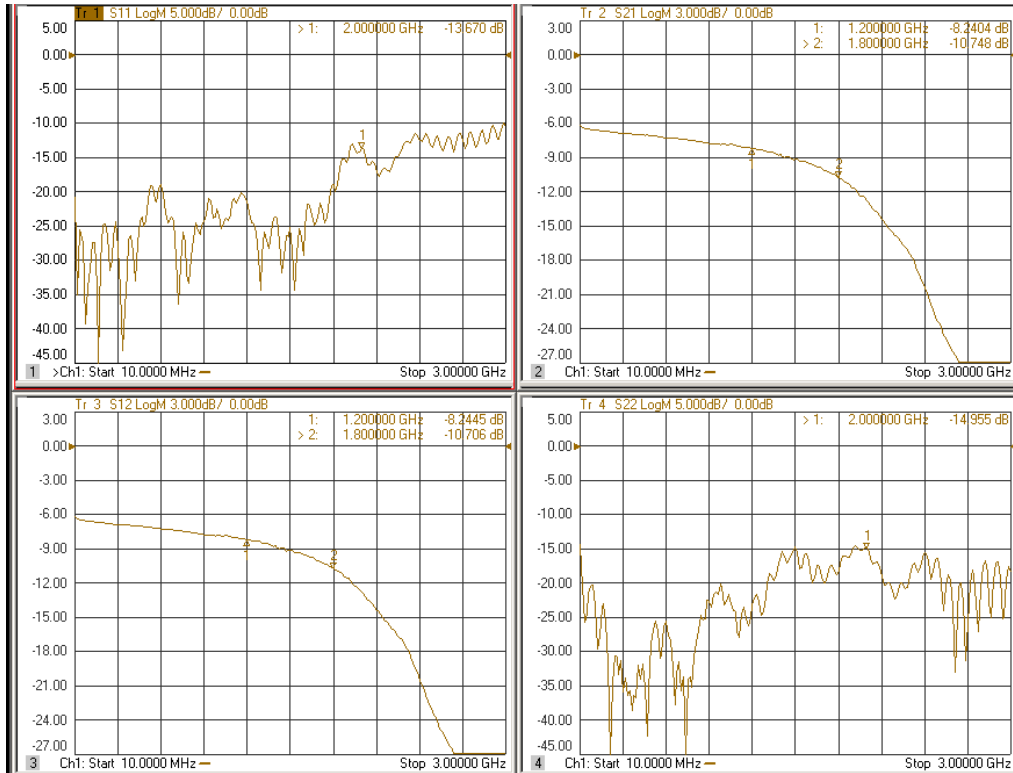


Figure 177: Scattering matrix for channel 3H, polarization x and output 6dB3.

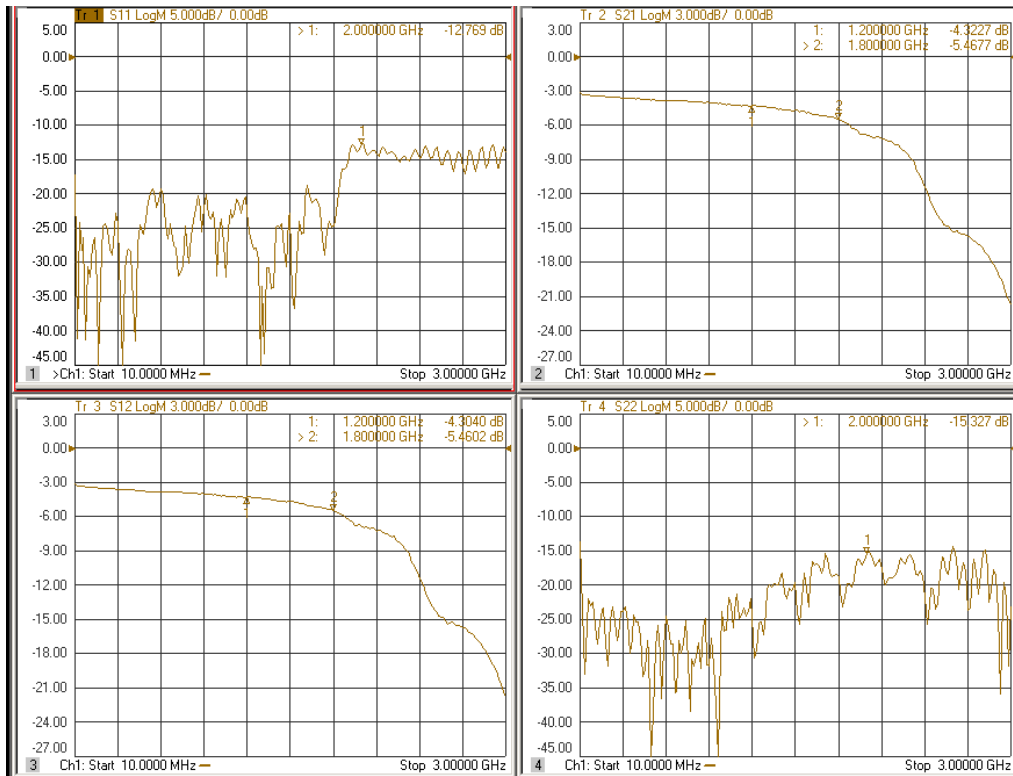


Figure 178: Scattering matrix for channel 3H, polarization y and output 3dB1.

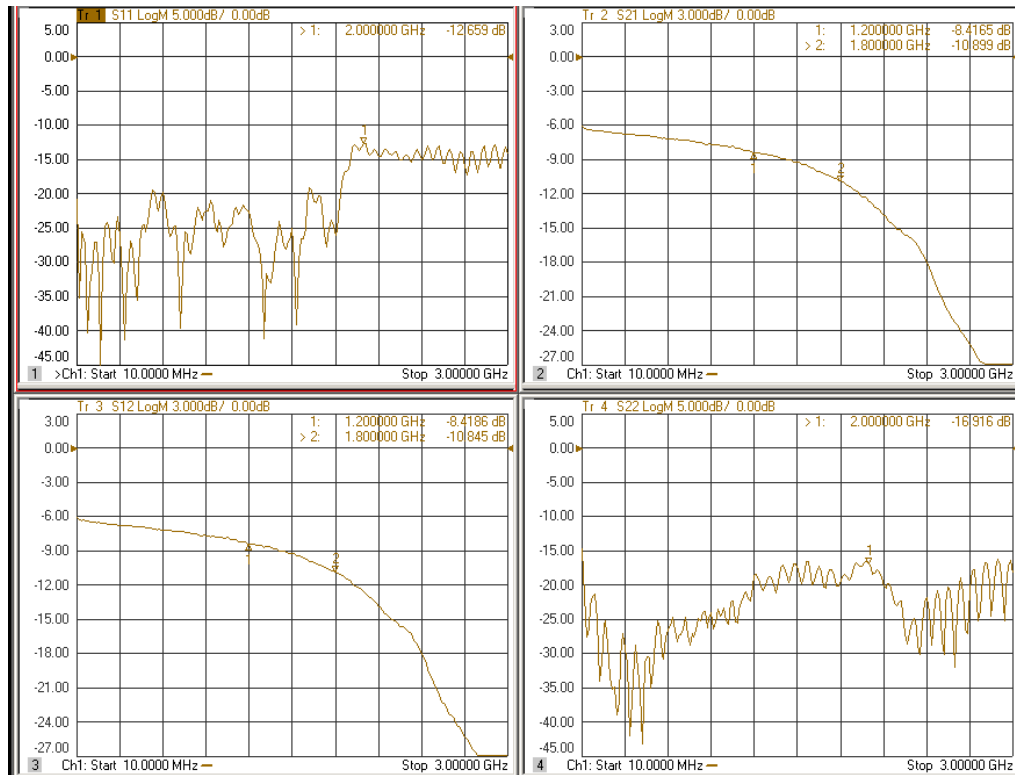


Figure 179: Scattering matrix for channel 3H, polarization y and output 6dB2.

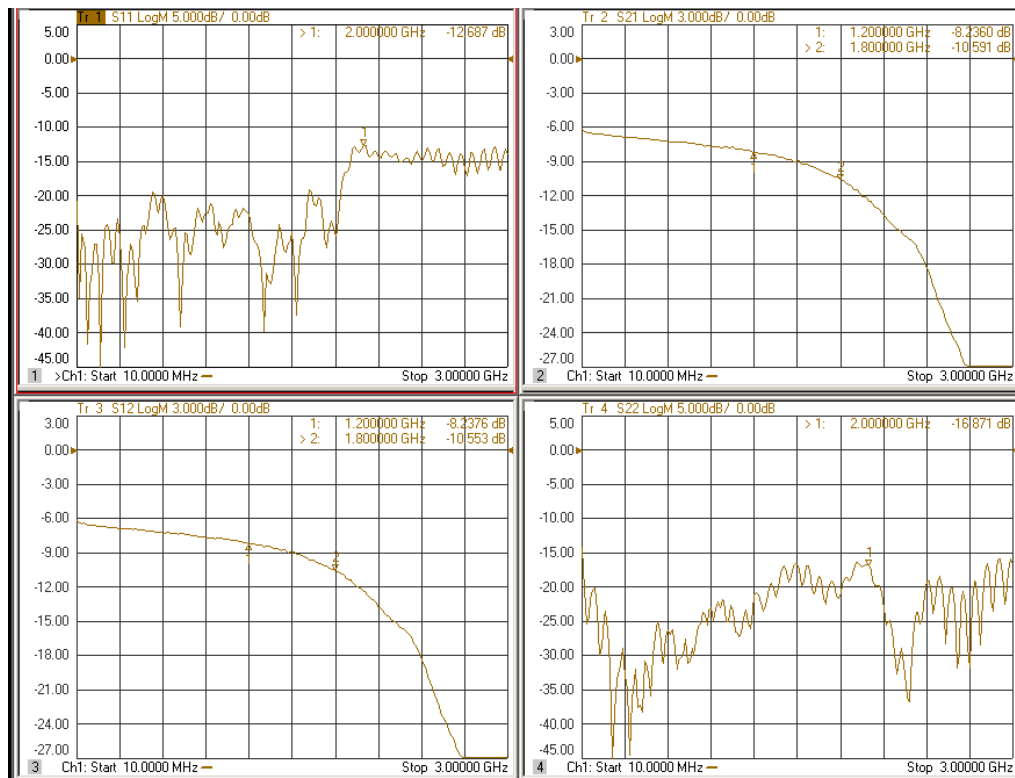


Figure 180: Scattering matrix for channel 3H, polarization y and output 6dB3.

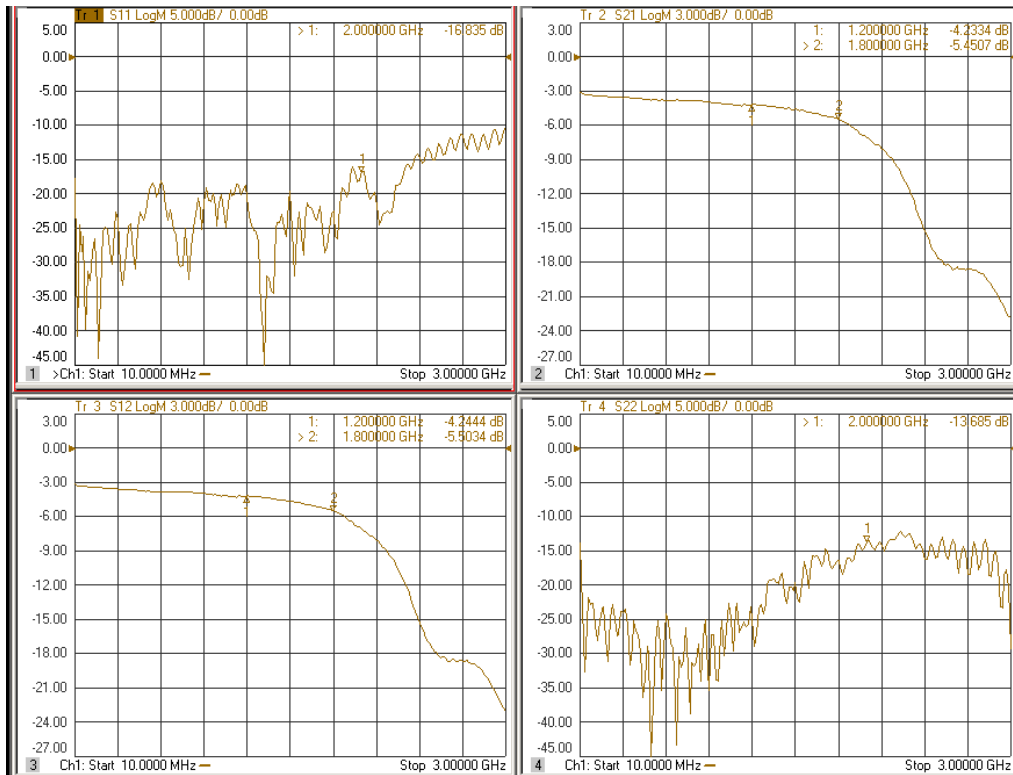


Figure 181: Scattering matrix for channel 3J, polarization x and output 3dB1.

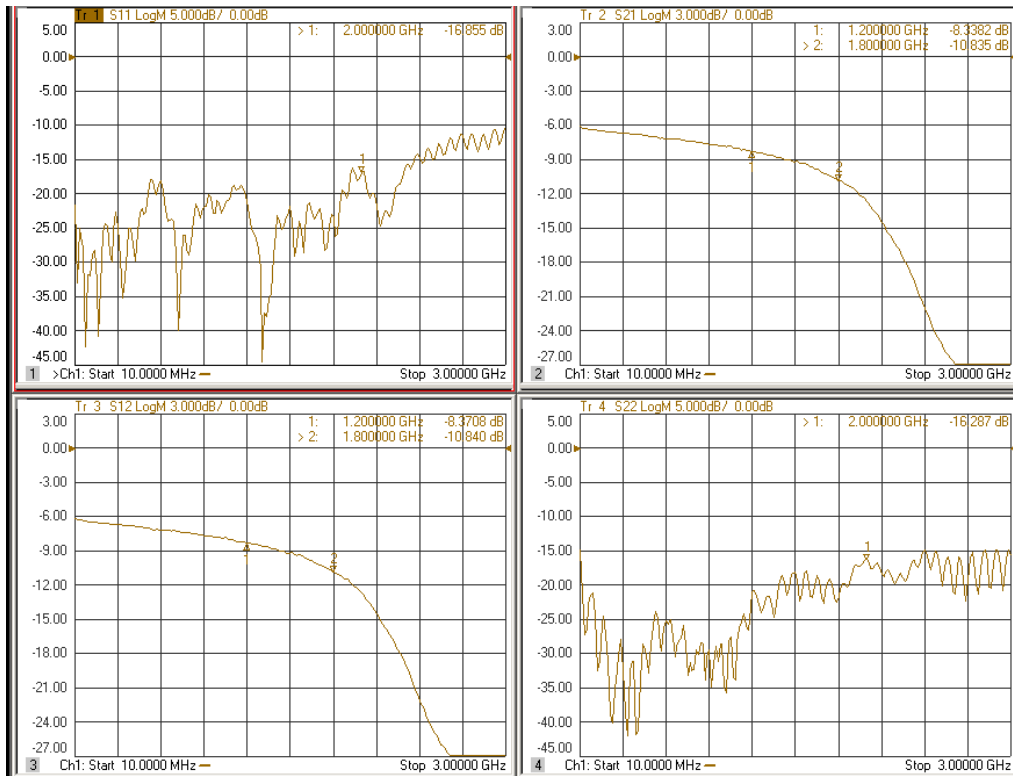


Figure 182: Scattering matrix for channel 3J, polarization x and output 6dB2.

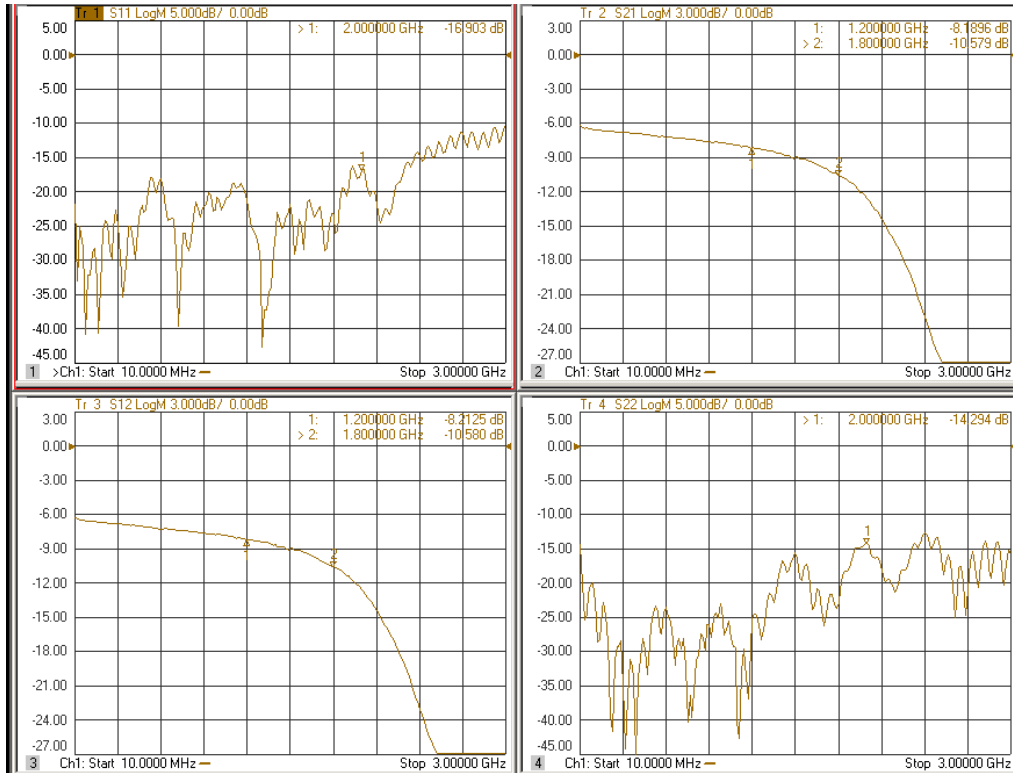


Figure 183: Scattering matrix for channel 3J, polarization x and output 6dB3.

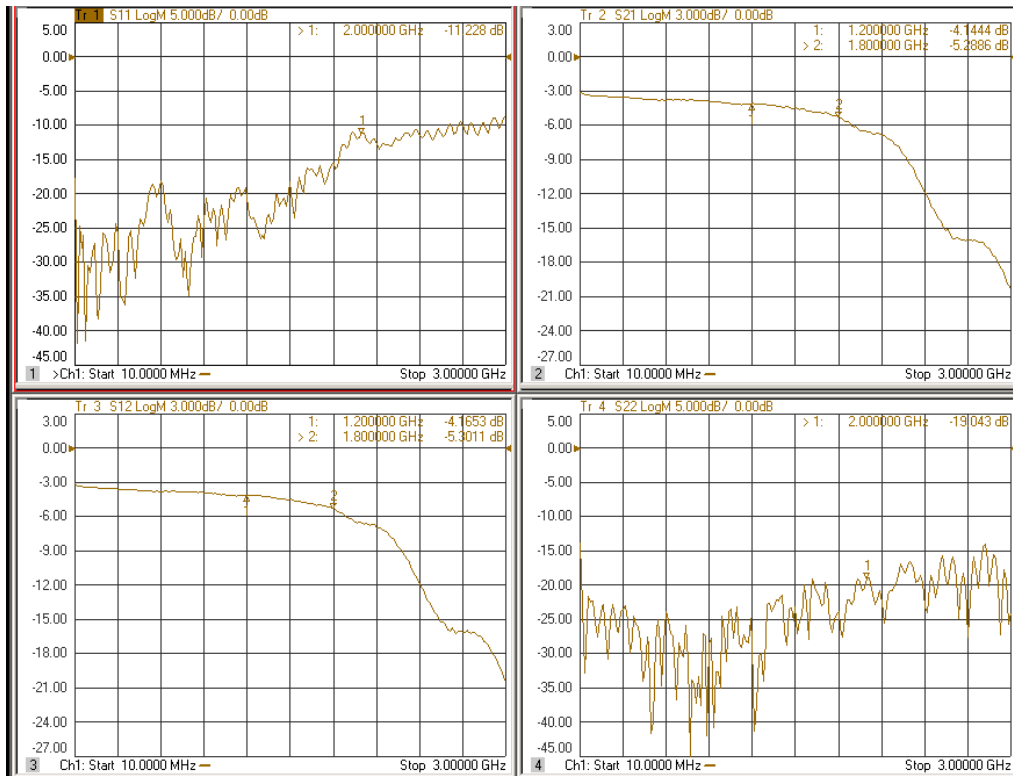


Figure 184: Scattering matrix for channel 3J, polarization y and output 3dB1.

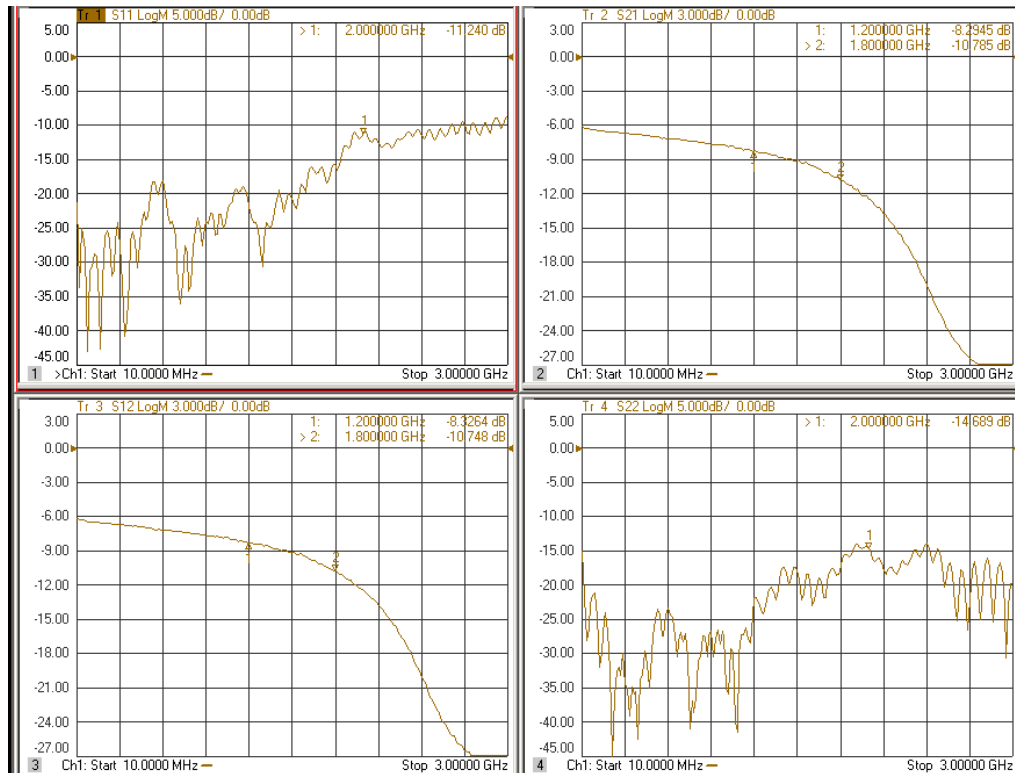


Figure 185: Scattering matrix for channel 3J, polarization y and output 6dB2.

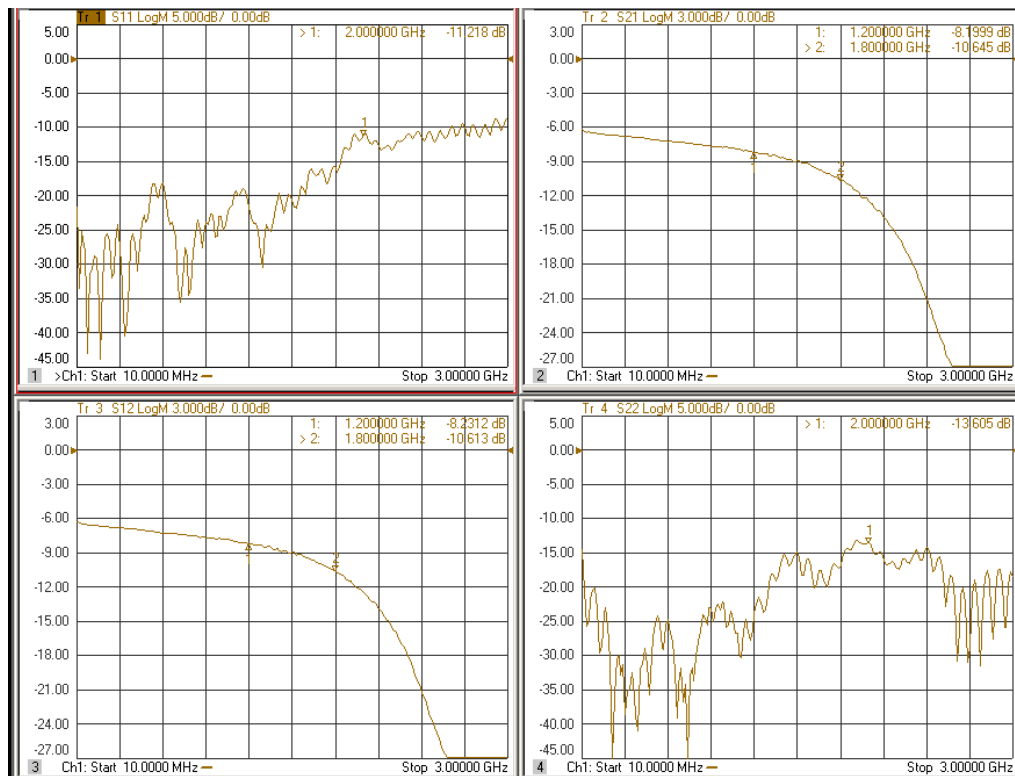


Figure 186: Scattering matrix for channel 3J, polarization y and output 6dB3.

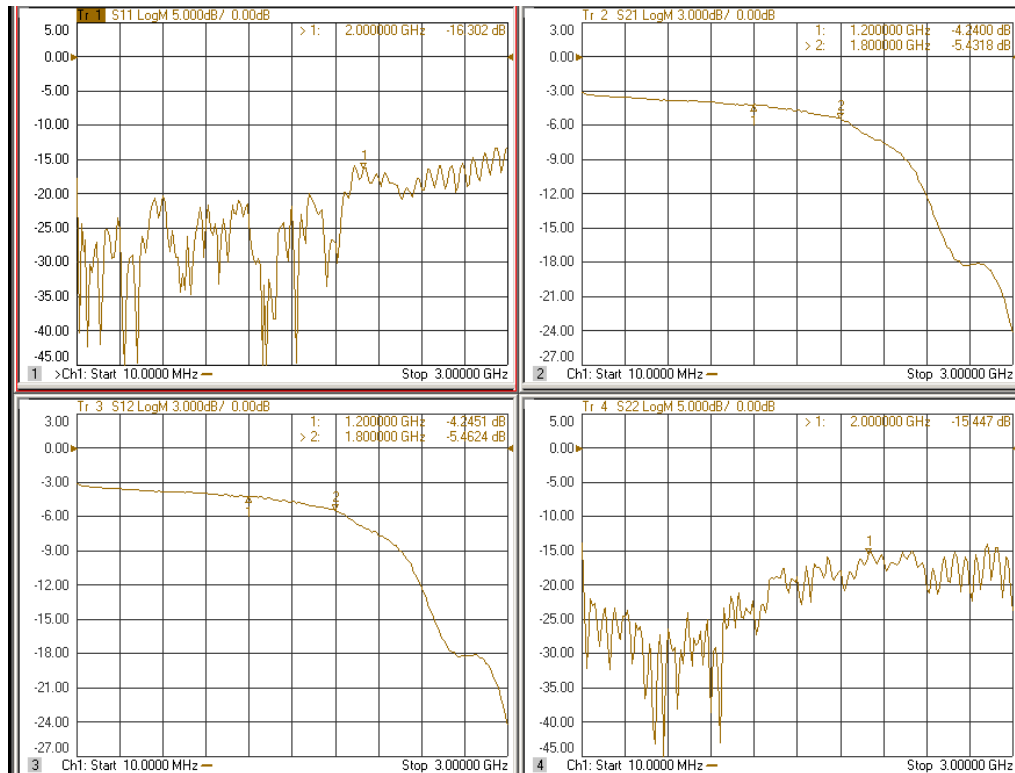


Figure 187: Scattering matrix for channel 3L, polarization x and output 3dB1.

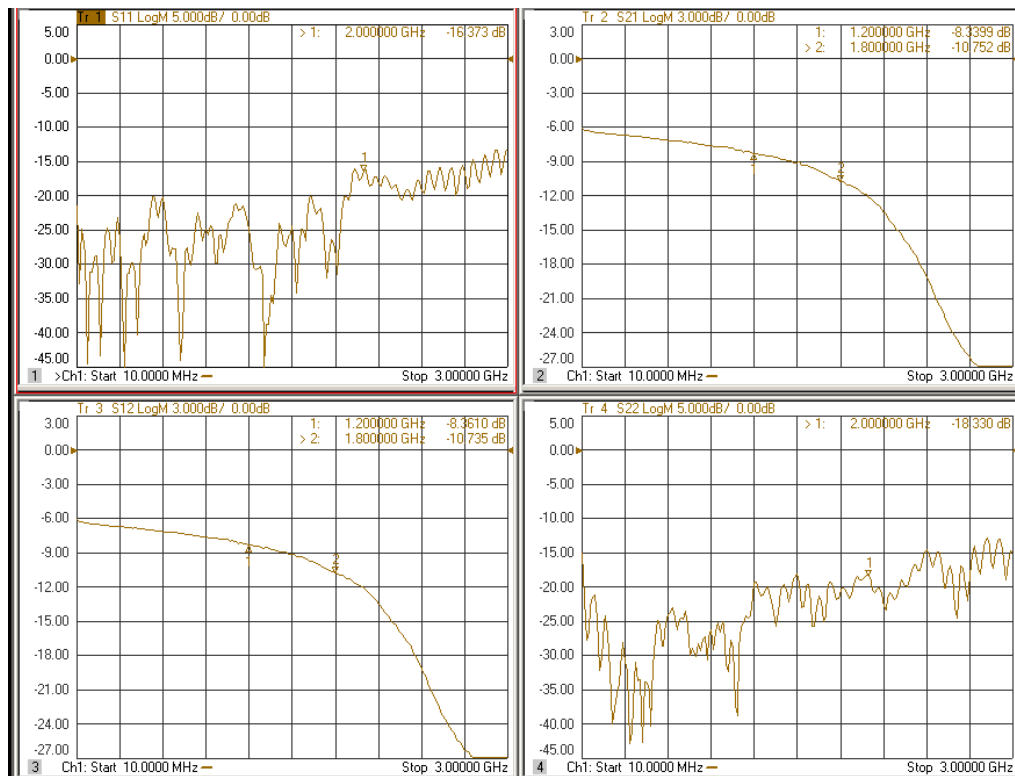


Figure 188: Scattering matrix for channel 3L, polarization x and output 6dB2.

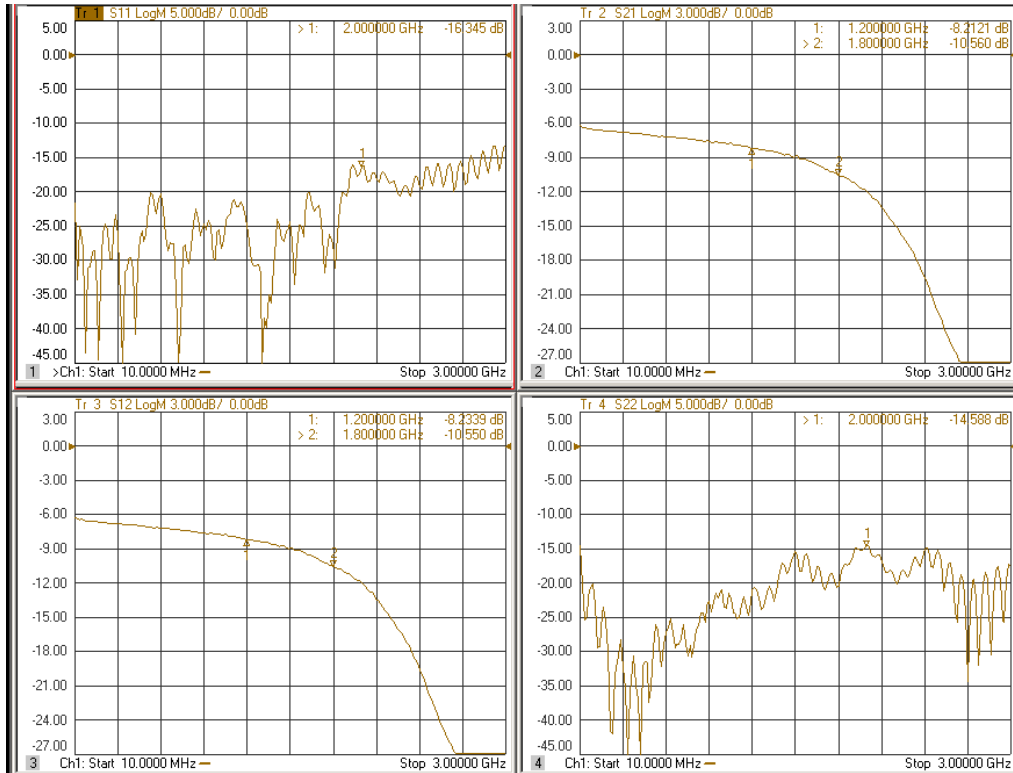


Figure 189: Scattering matrix for channel 3L, polarization x and output 6dB3.

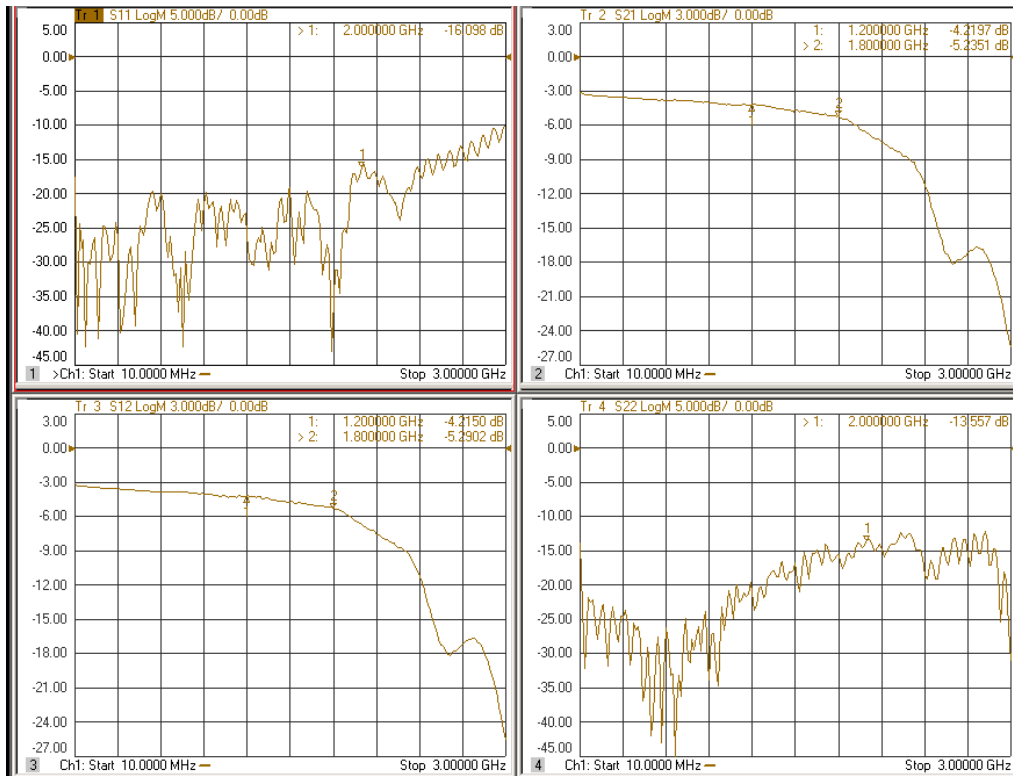


Figure 190: Scattering matrix for channel 3L, polarization y and output 3dB1.

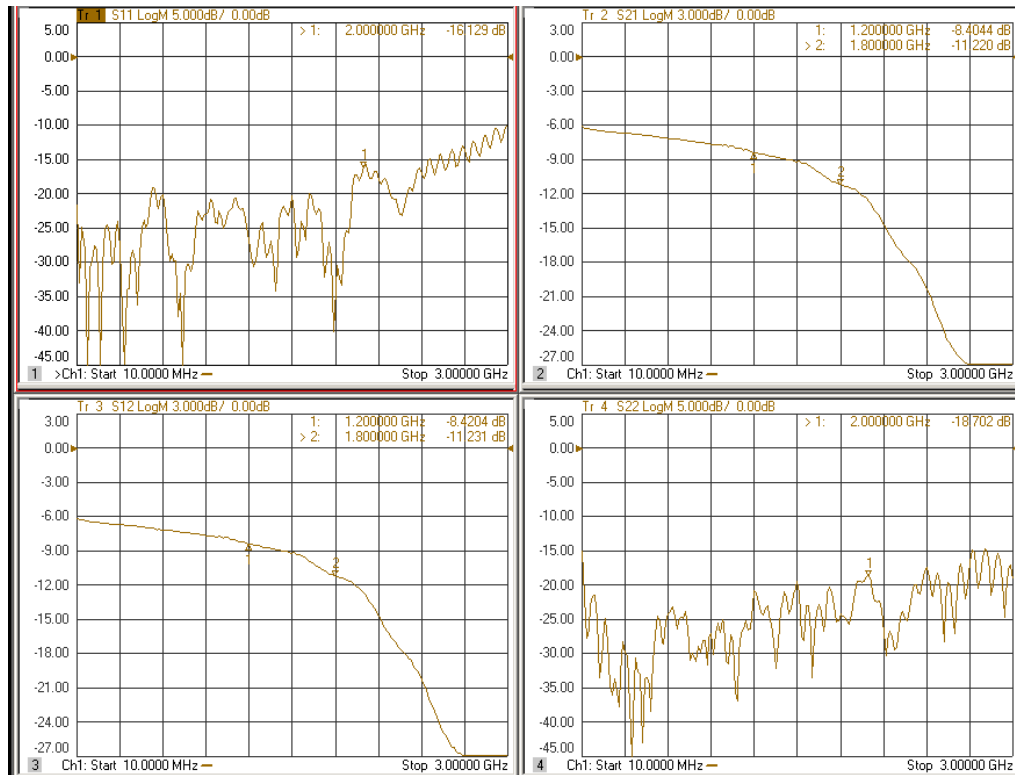


Figure 191: Scattering matrix for channel 3L, polarization y and output 6dB2.

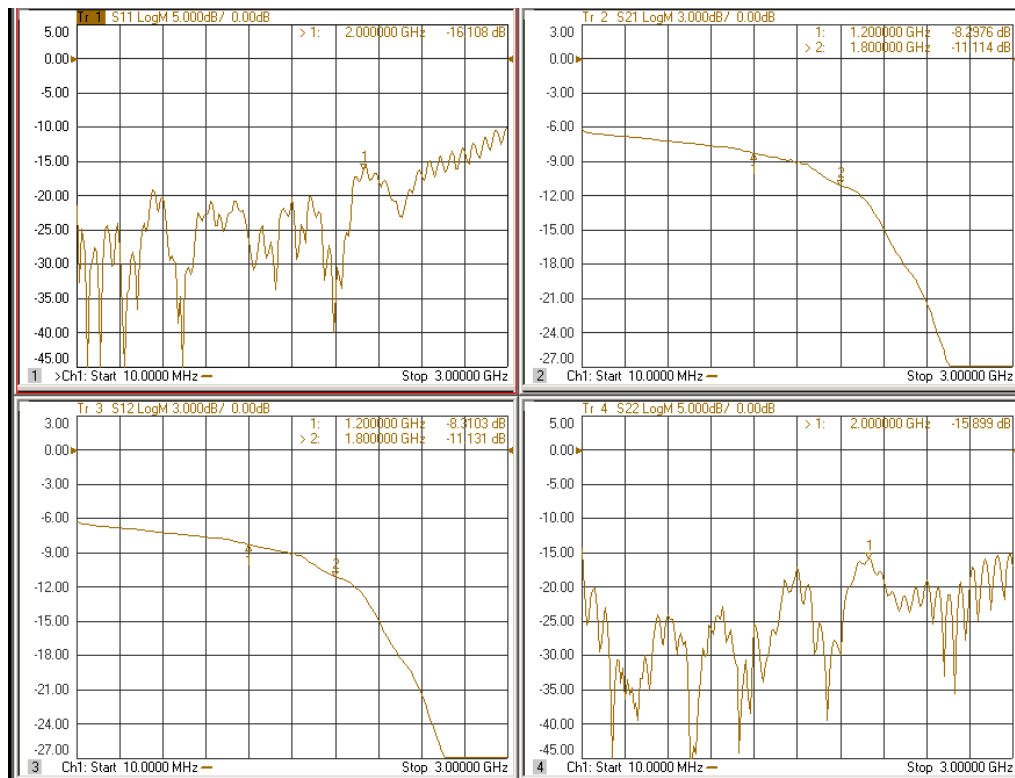


Figure 192: Scattering matrix for channel 3L, polarization y and output 6dB3.

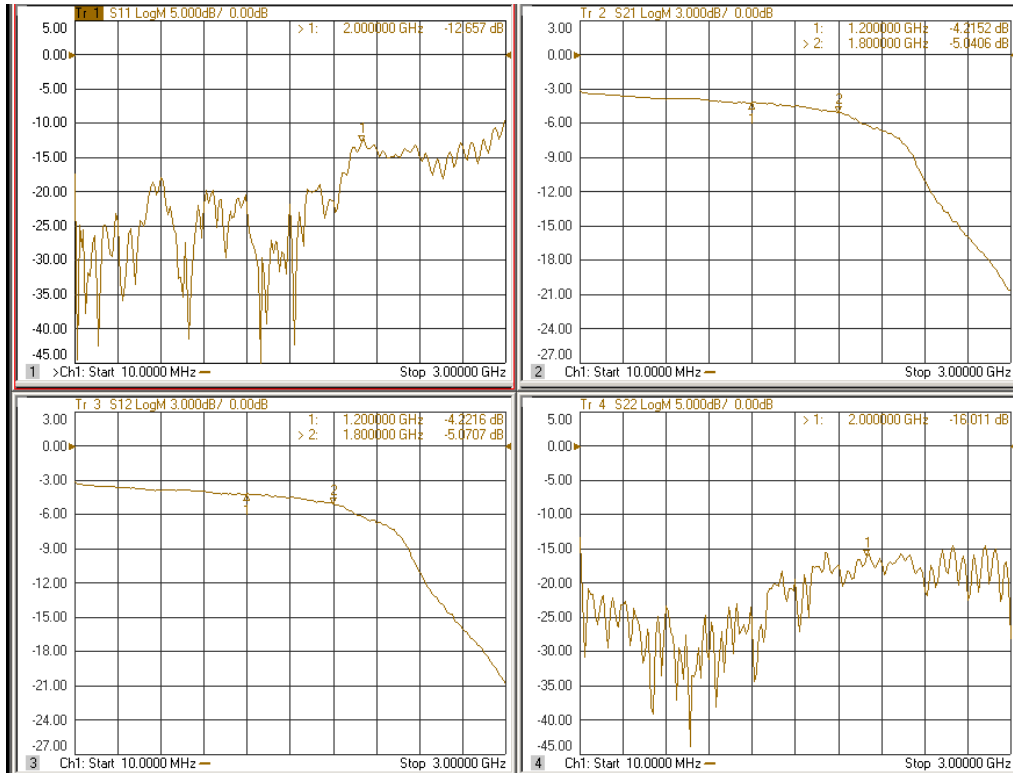


Figure 193: Scattering matrix for channel 4E, polarization x and output 3dB1.

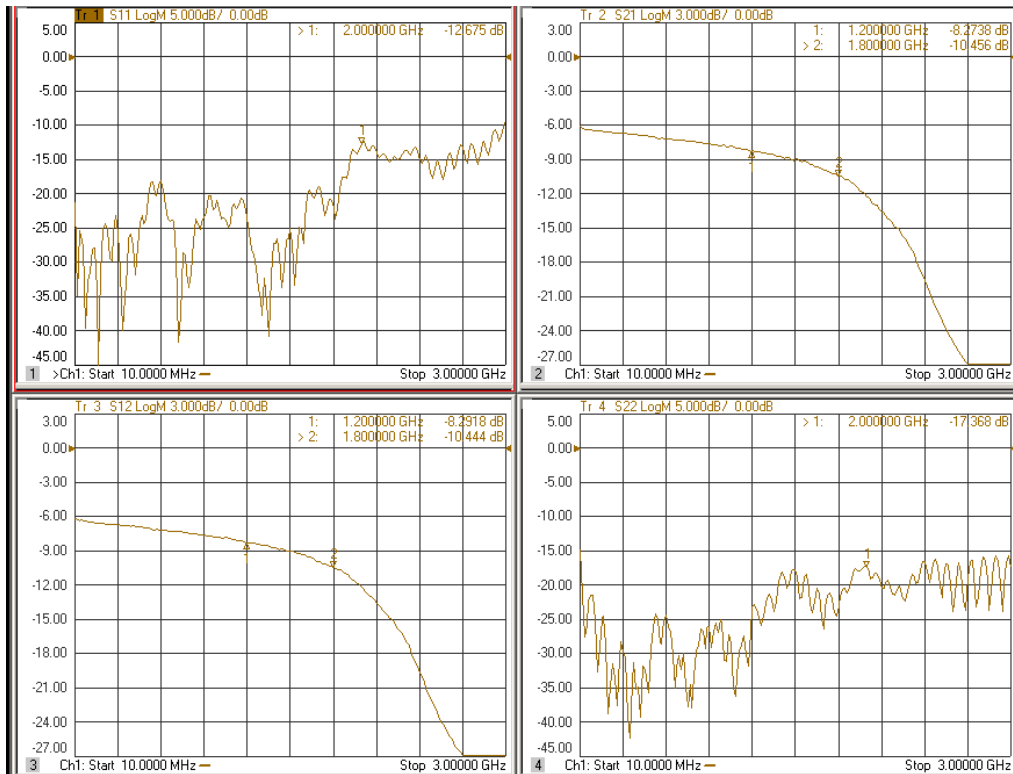


Figure 194: Scattering matrix for channel 4E, polarization x and output 6dB2.

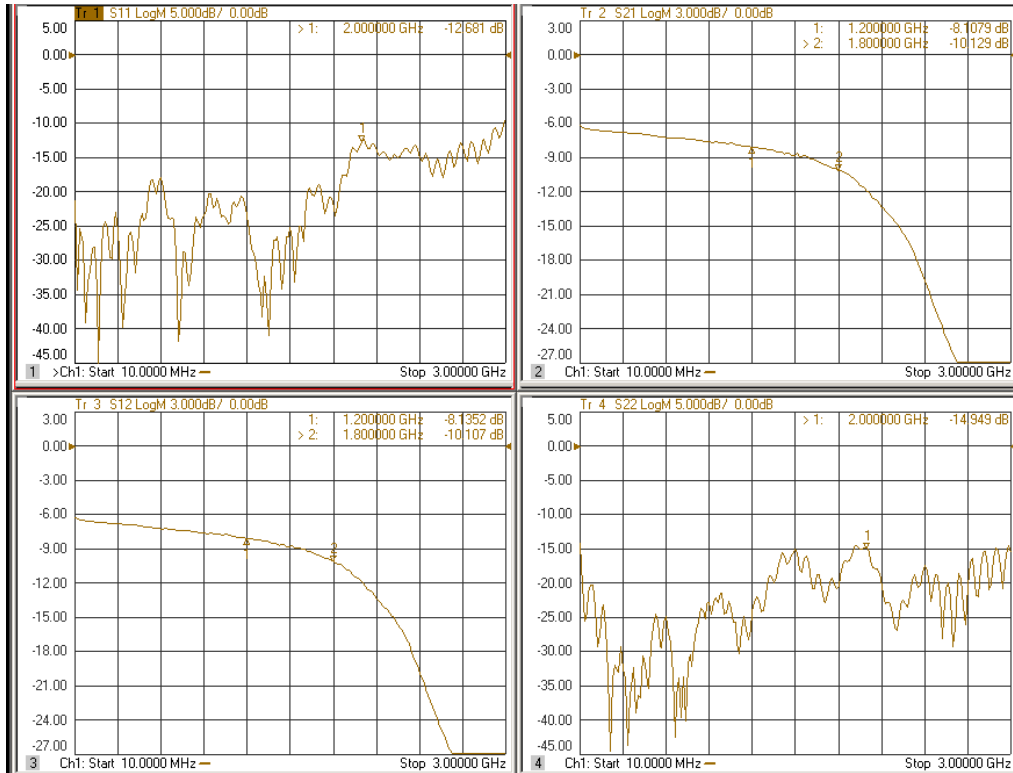


Figure 195: Scattering matrix for channel 4E, polarization x and output 6dB3.

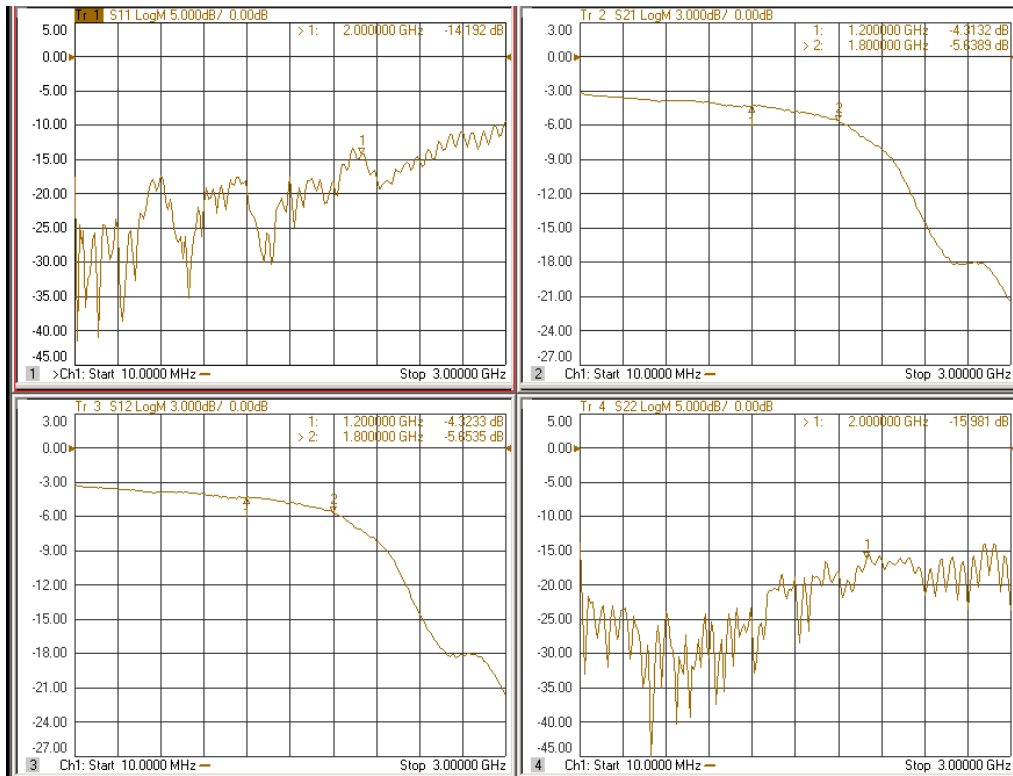


Figure 196: Scattering matrix for channel 4E, polarization y and output 3dB1.

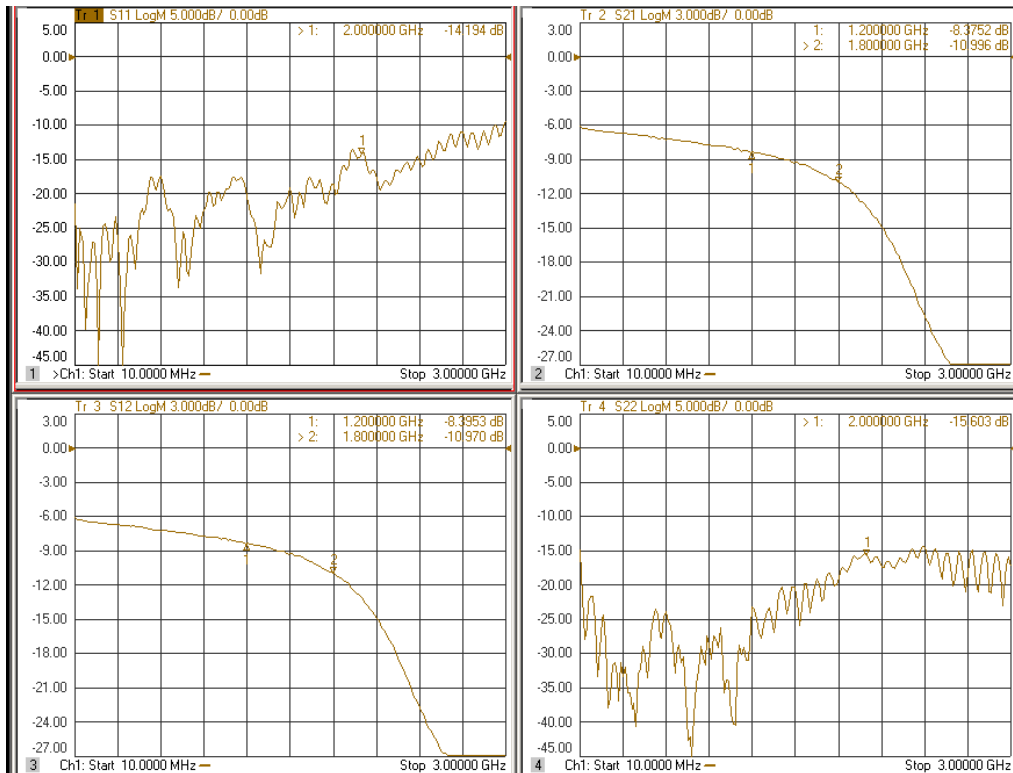


Figure 197: Scattering matrix for channel 4E, polarization y and output 6dB2.

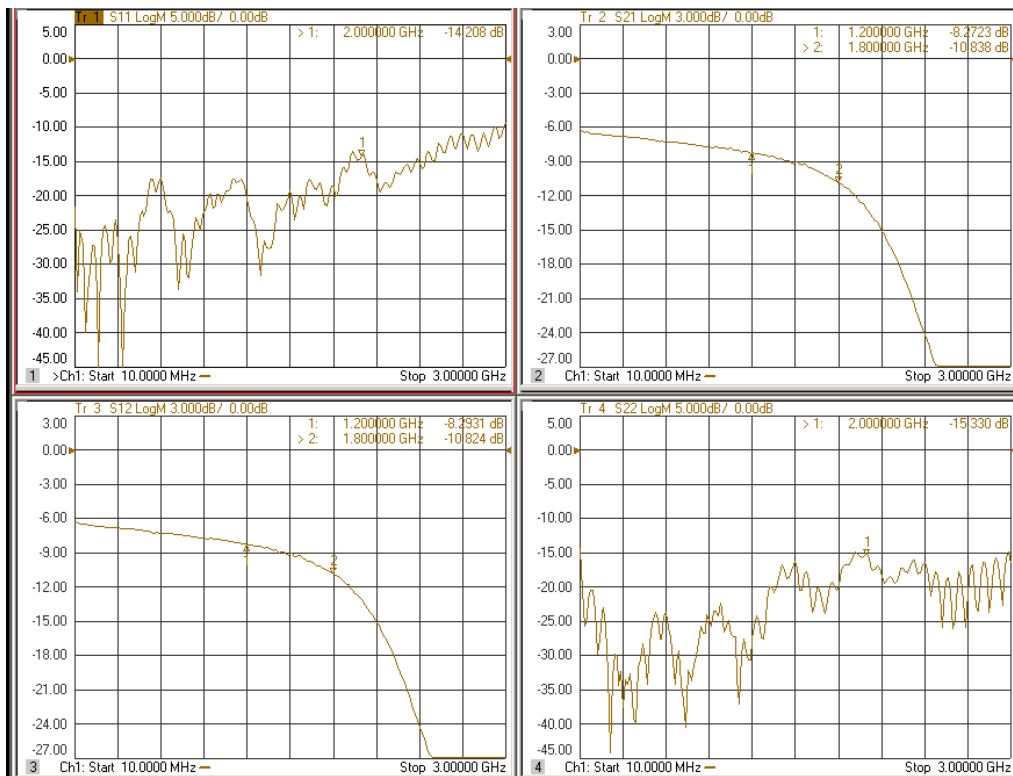


Figure 198: Scattering matrix for channel 4E, polarization y and output 6dB3.

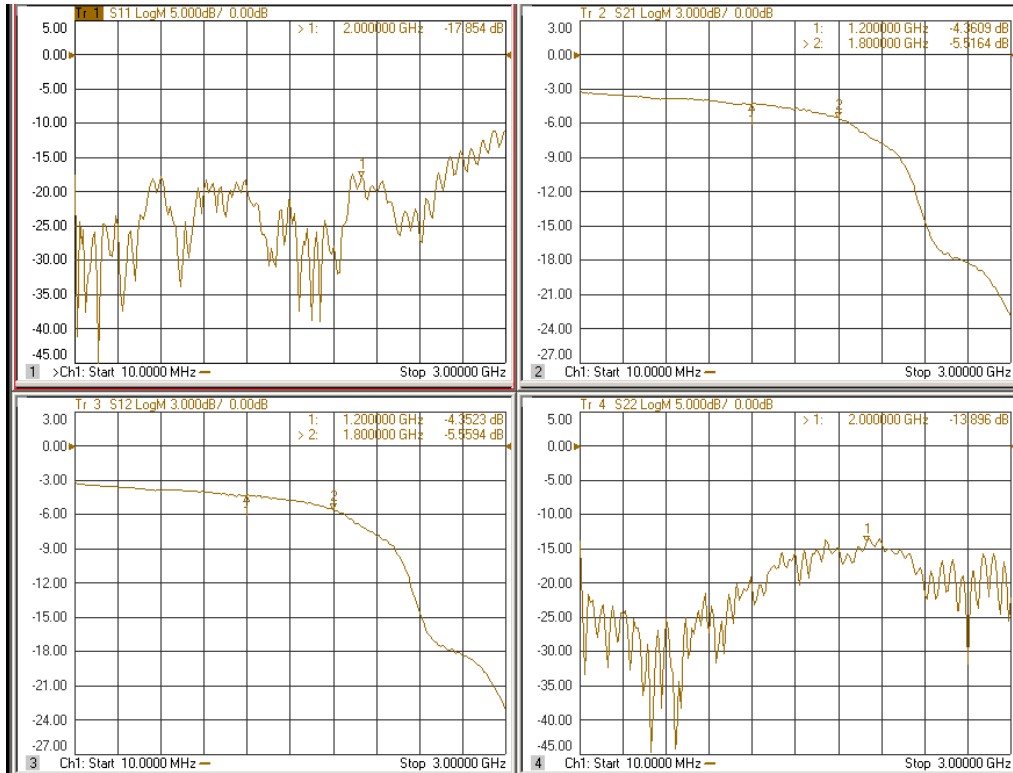


Figure 199: Scattering matrix for channel 4F, polarization x and output 3dB1.

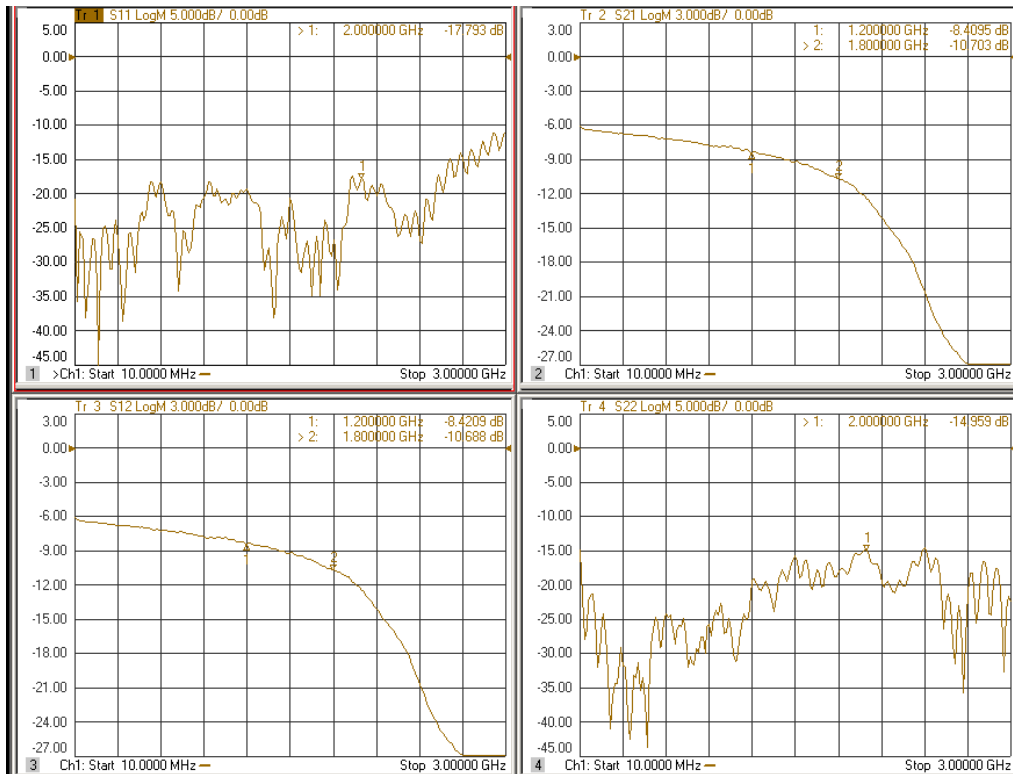


Figure 200: Scattering matrix for channel 4F, polarization x and output 6dB2.

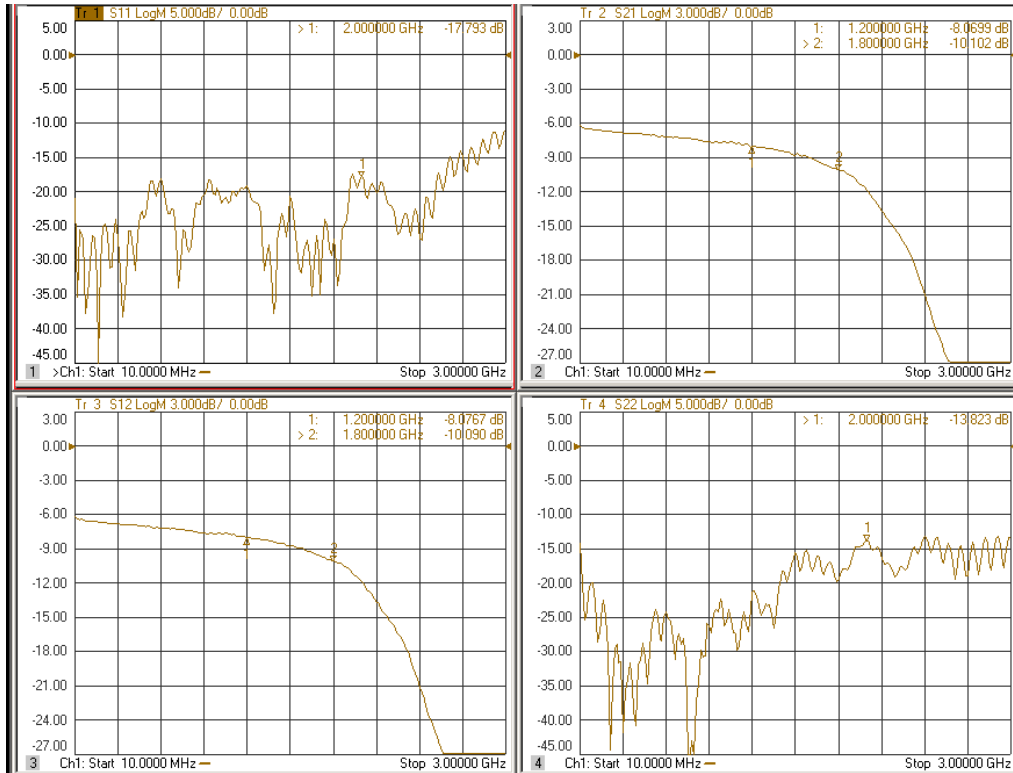


Figure 201: Scattering matrix for channel 4F, polarization x and output 6dB3.

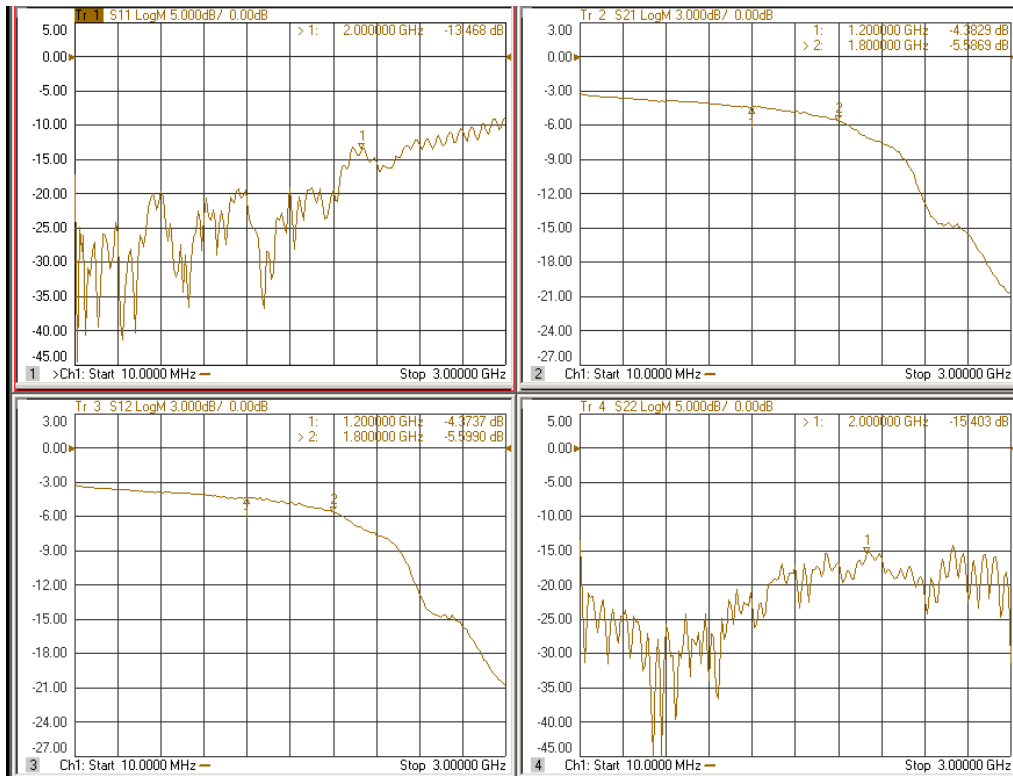


Figure 202: Scattering matrix for channel 4F, polarization y and output 3dB1.

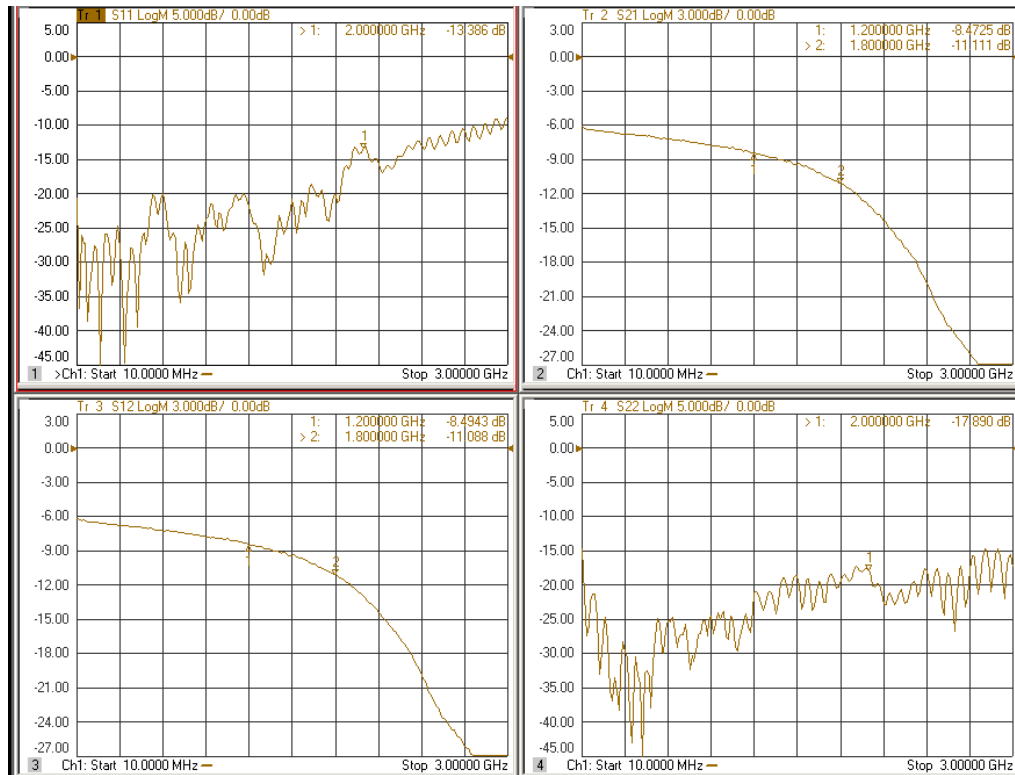


Figure 203: Scattering matrix for channel 4F, polarization y and output 6dB2.

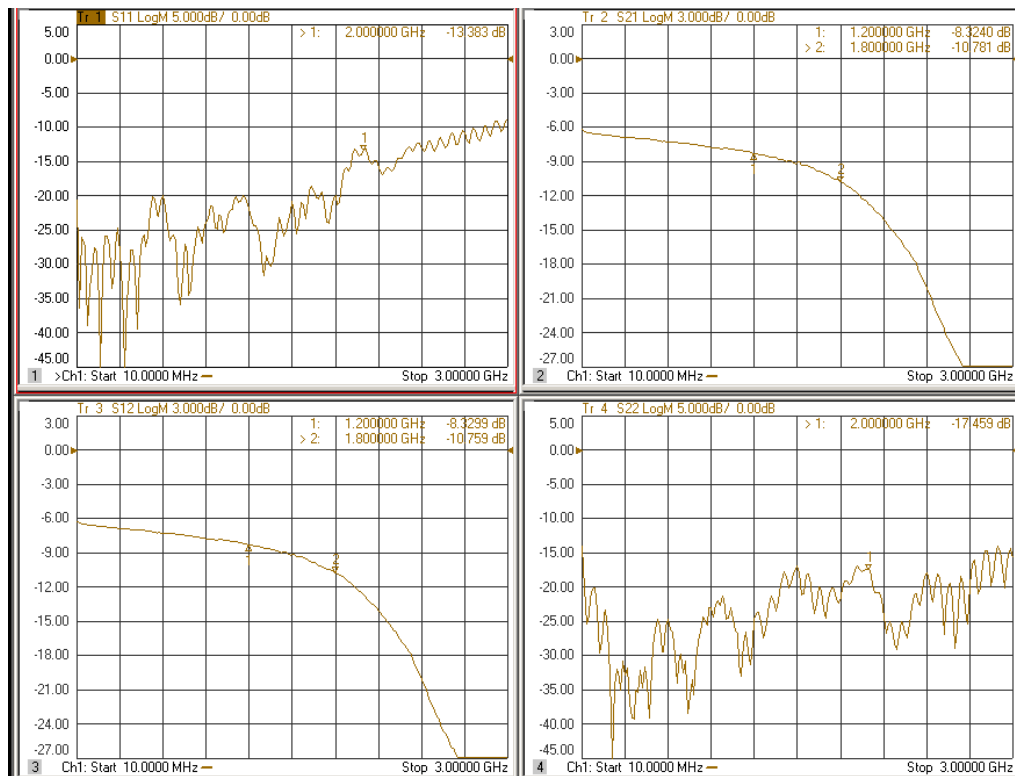


Figure 204: Scattering matrix for channel 4F, polarization y and output 6dB3.

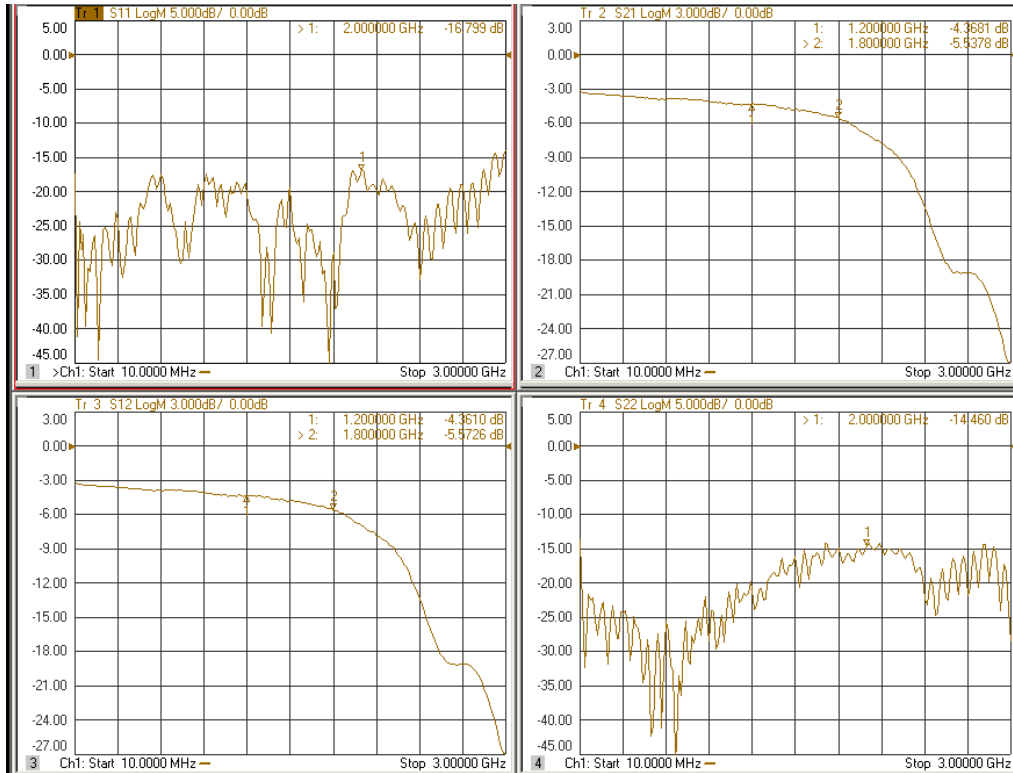


Figure 205: Scattering matrix for channel 4G, polarization x and output 3dB1.

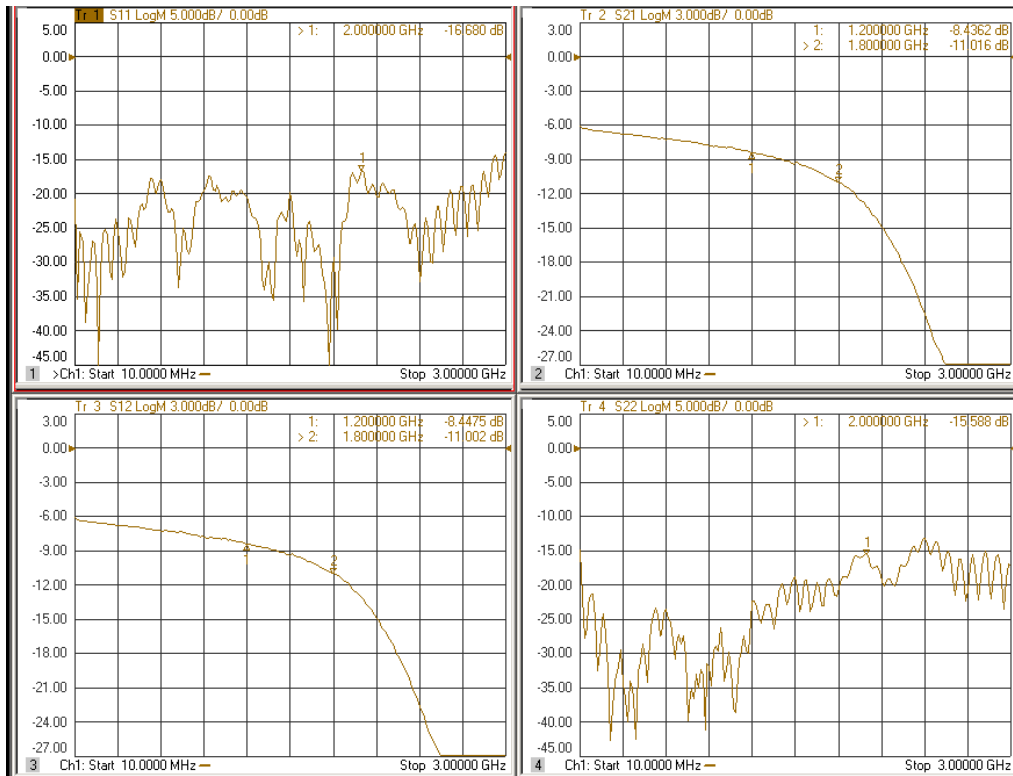


Figure 206: Scattering matrix for channel 4G, polarization x and output 6dB2.

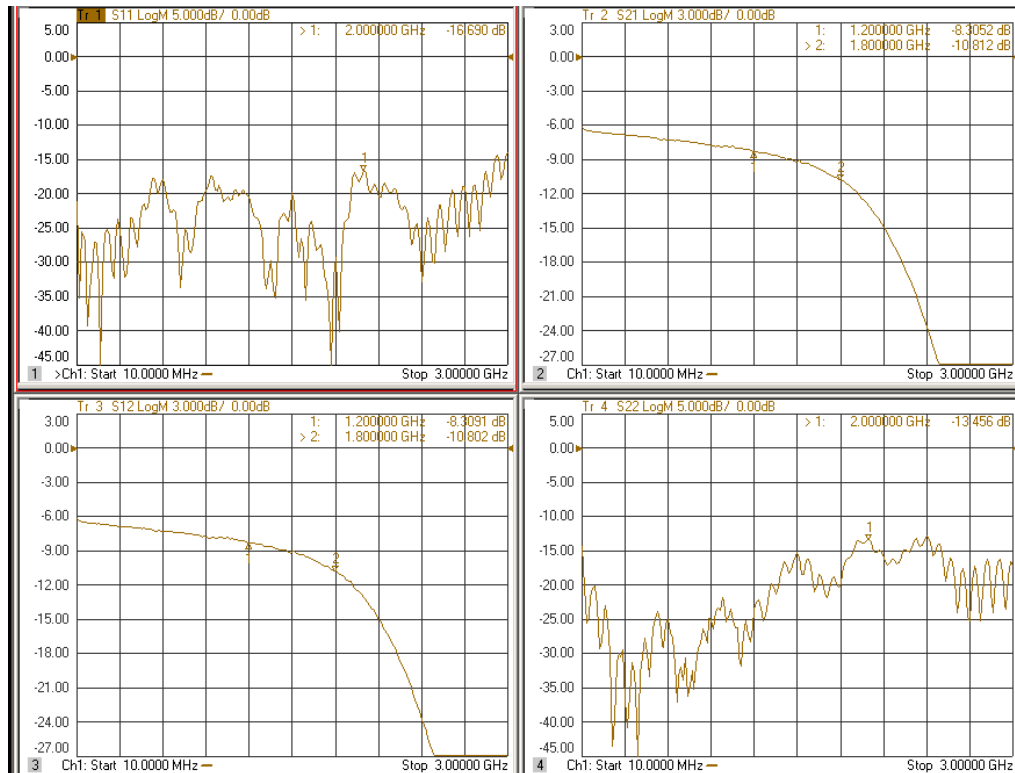


Figure 207: Scattering matrix for channel 4G, polarization x and output 6dB3.

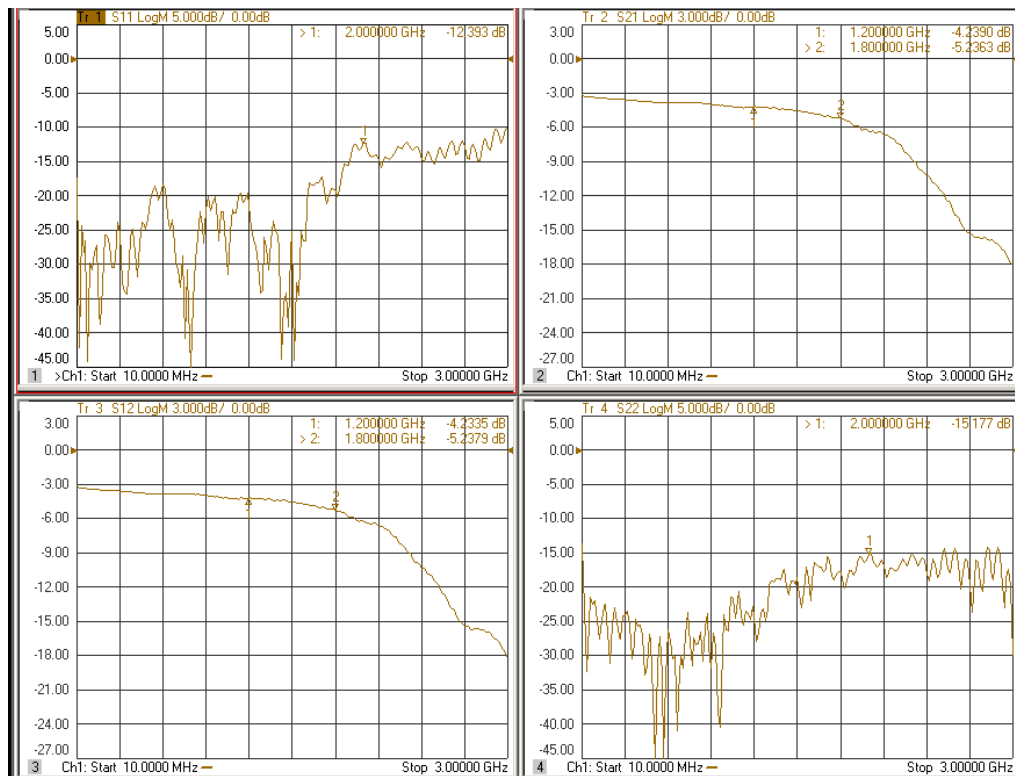


Figure 208: Scattering matrix for channel 4G, polarization y and output 3dB1.

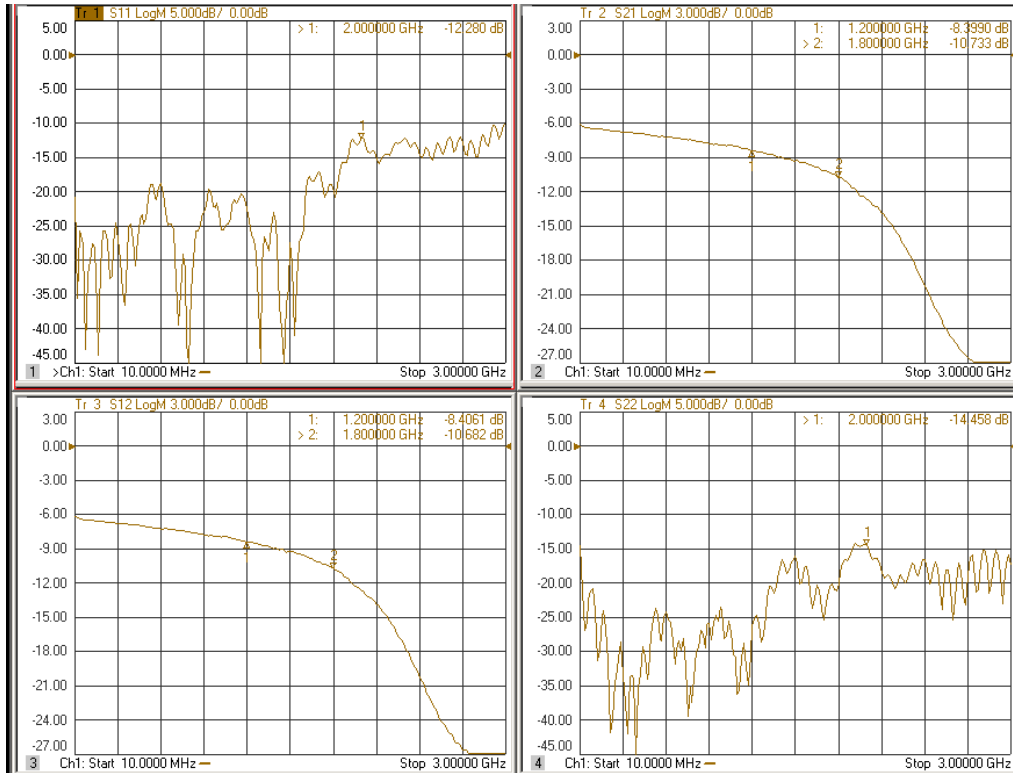


Figure 209: Scattering matrix for channel 4G, polarization y and output 6dB2.

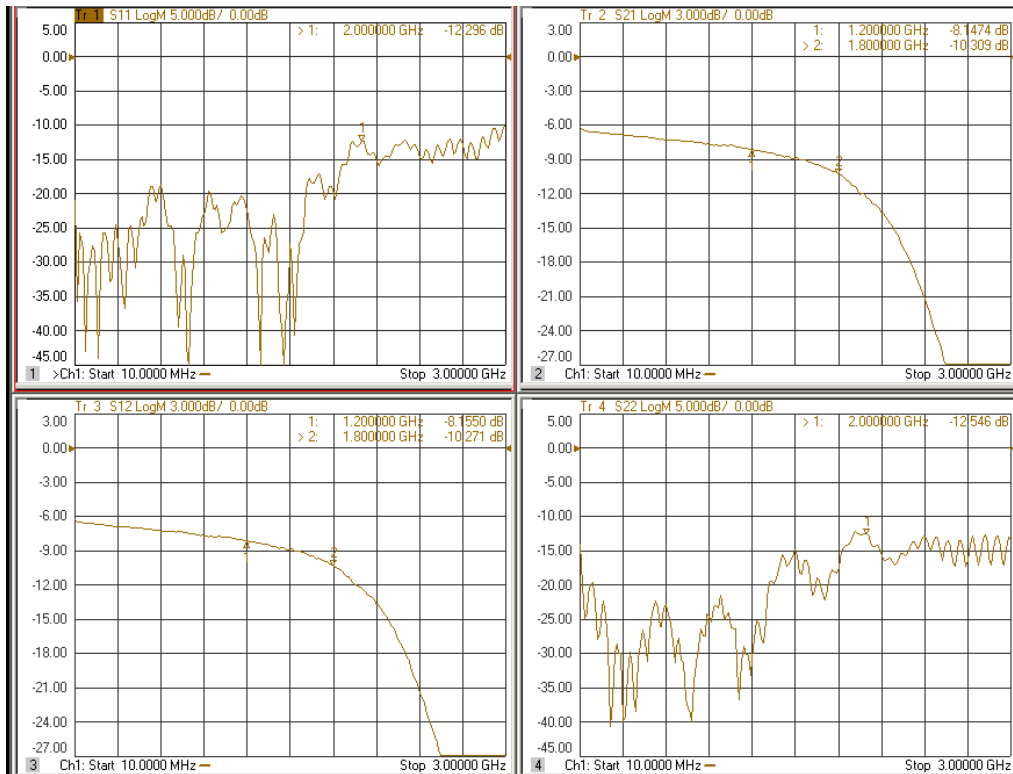


Figure 210: Scattering matrix for channel 4G, polarization y and output 6dB3.

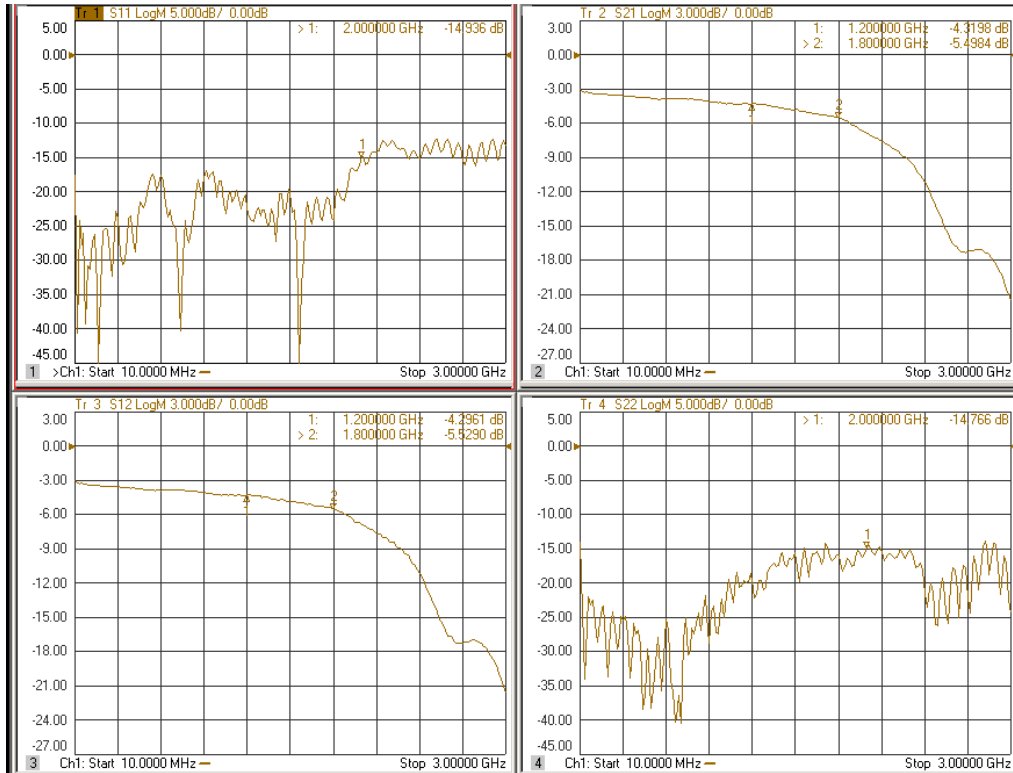


Figure 211: Scattering matrix for channel 4H, polarization x and output 3dB1.

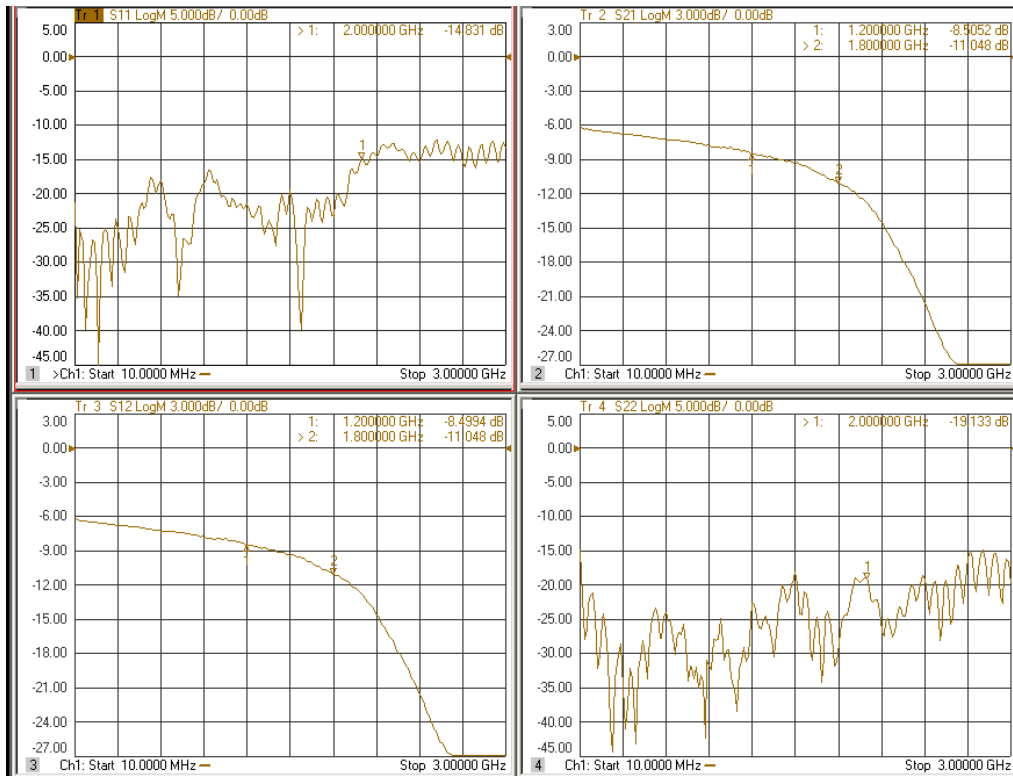


Figure 212: Scattering matrix for channel 4H, polarization x and output 6dB2.

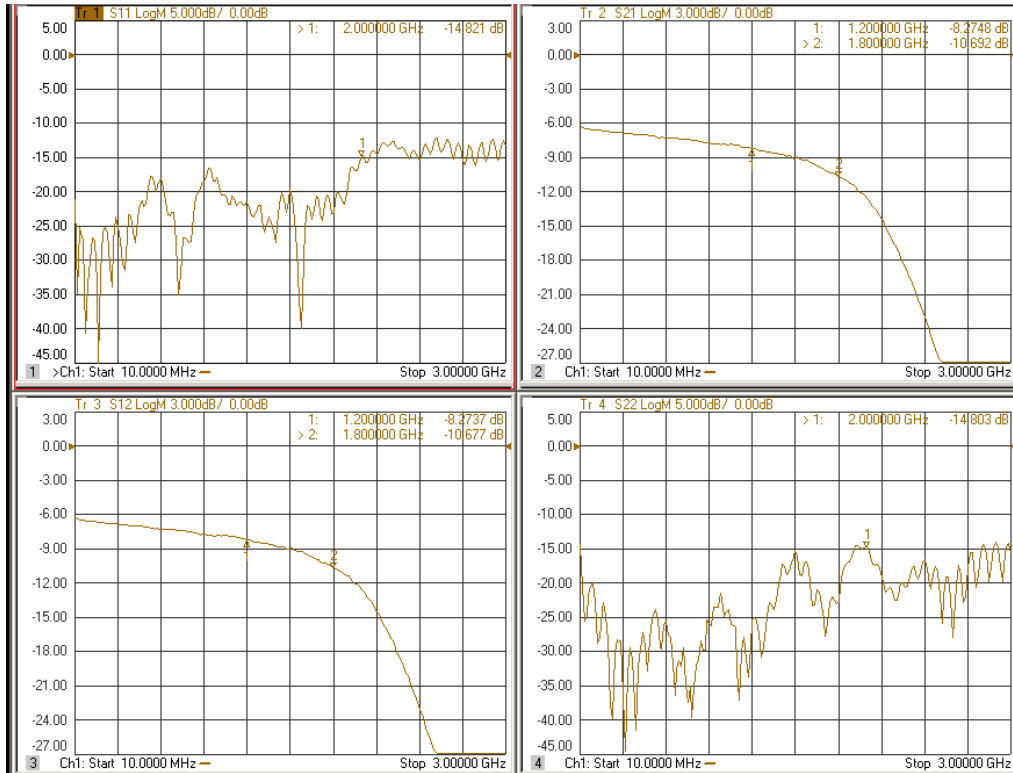


Figure 213: Scattering matrix for channel 4H, polarization x and output 6dB3.

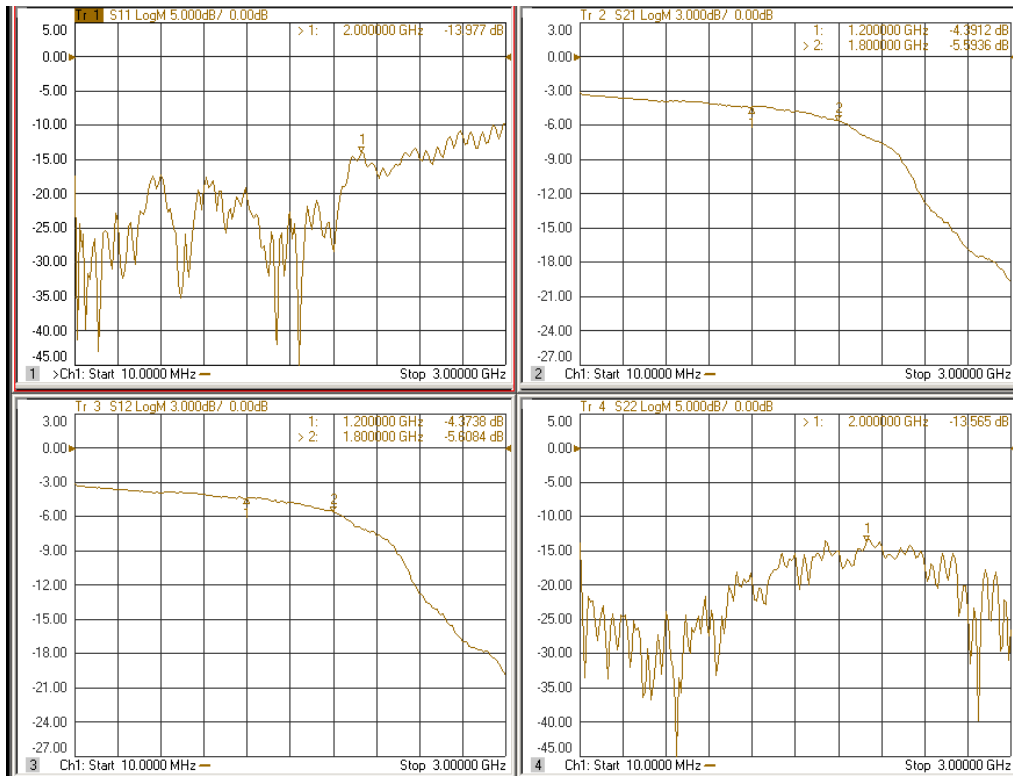


Figure 214: Scattering matrix for channel 4H, polarization y and output 3dB1.

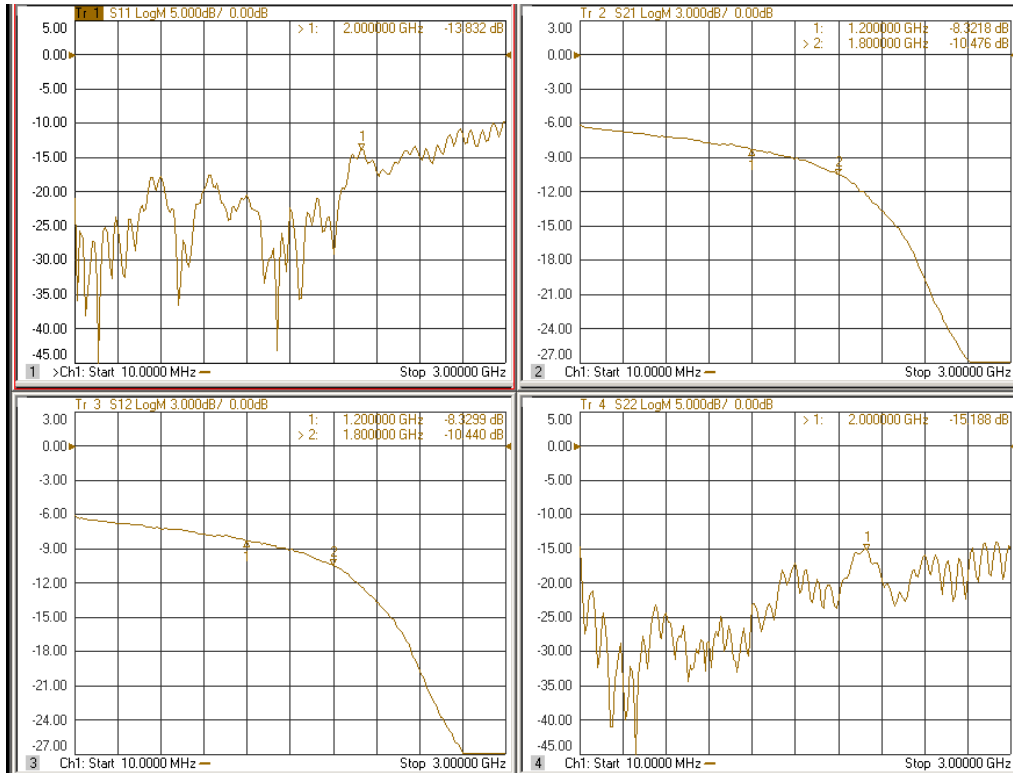


Figure 215: Scattering matrix for channel 4H, polarization y and output 6dB2.

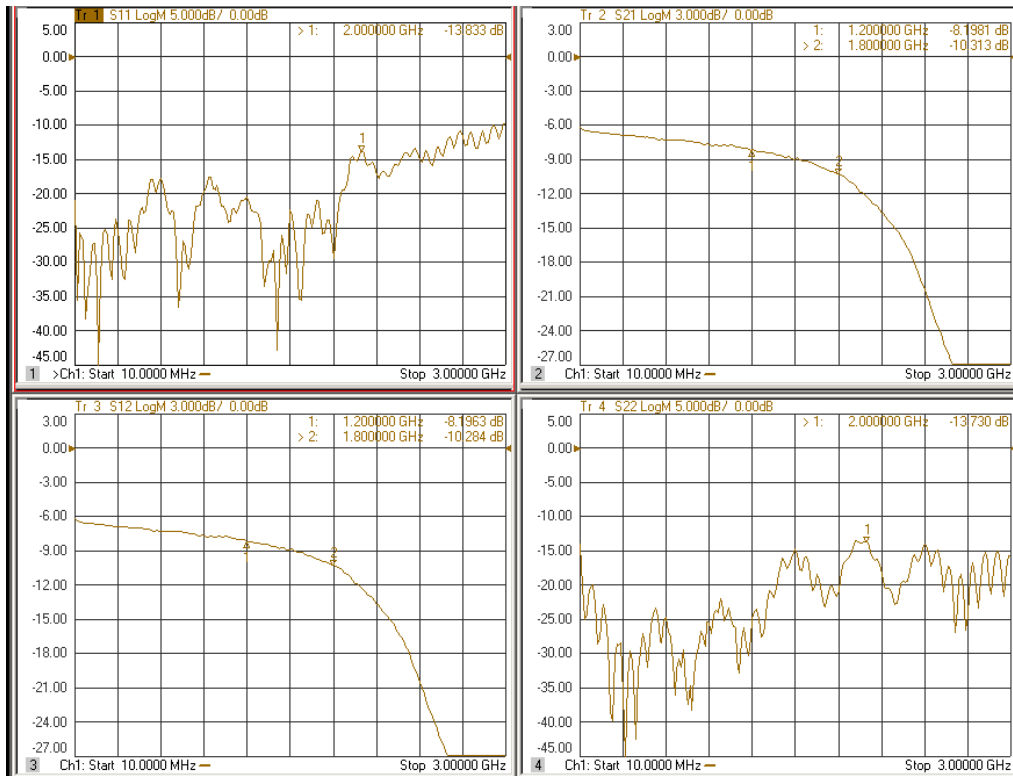


Figure 216: Scattering matrix for channel 4H, polarization y and output 6dB3.

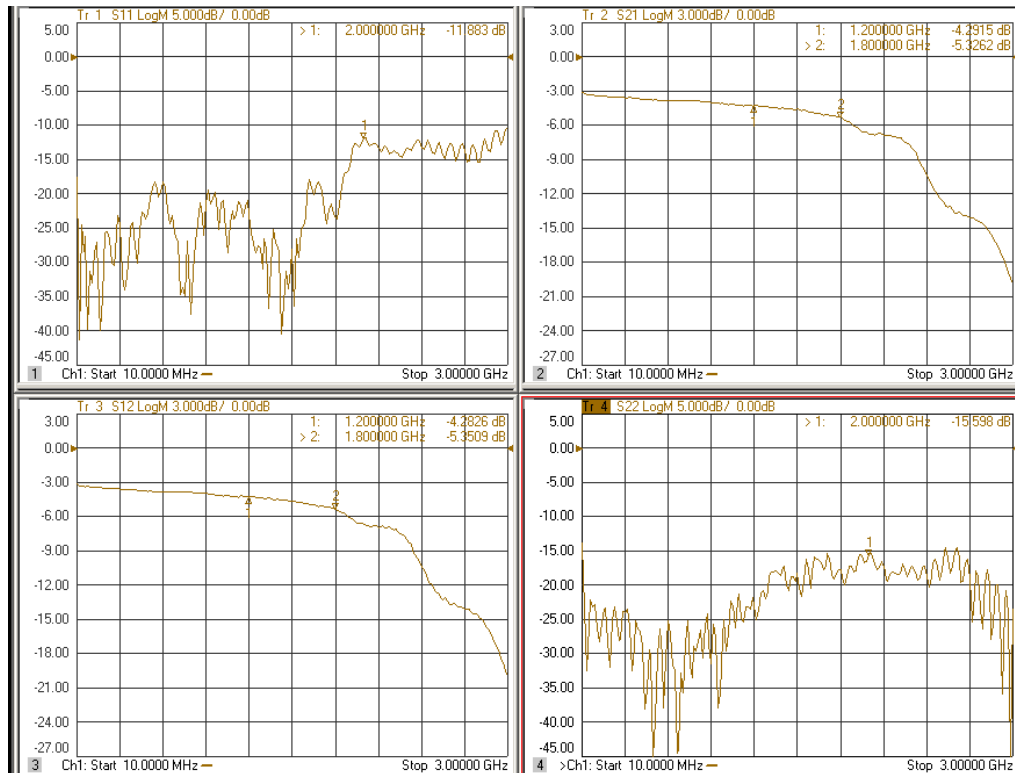


Figure 217: Scattering matrix for channel 4J, polarization x and output 3dB1.

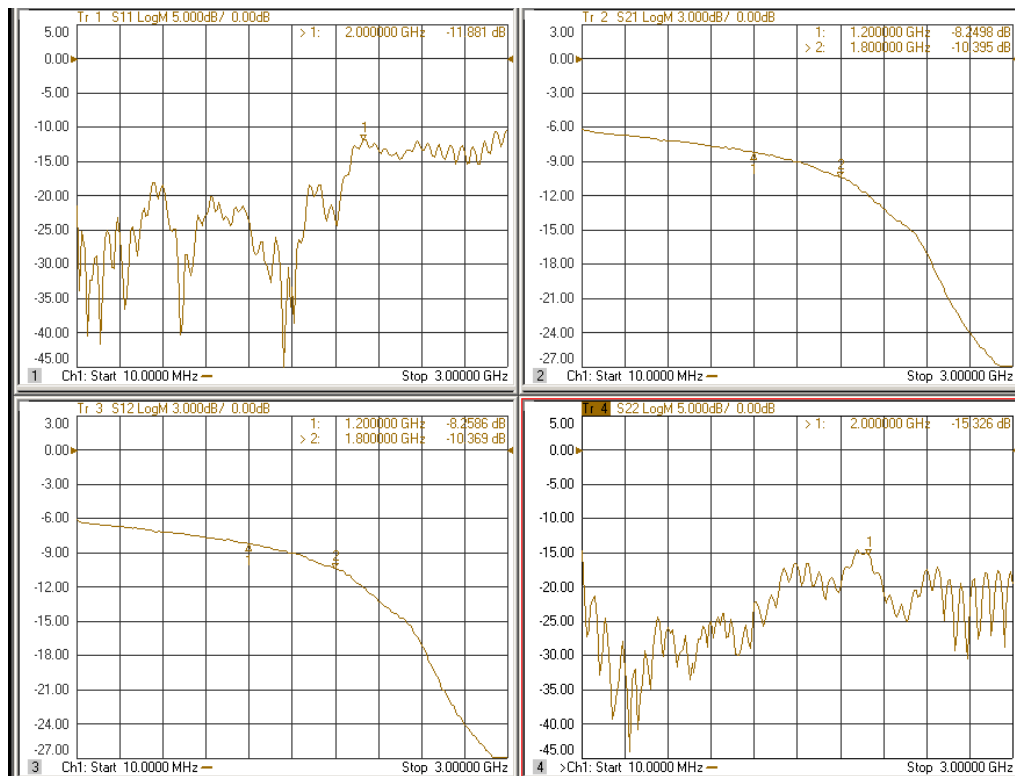


Figure 218: Scattering matrix for channel 4J, polarization x and output 6dB2.

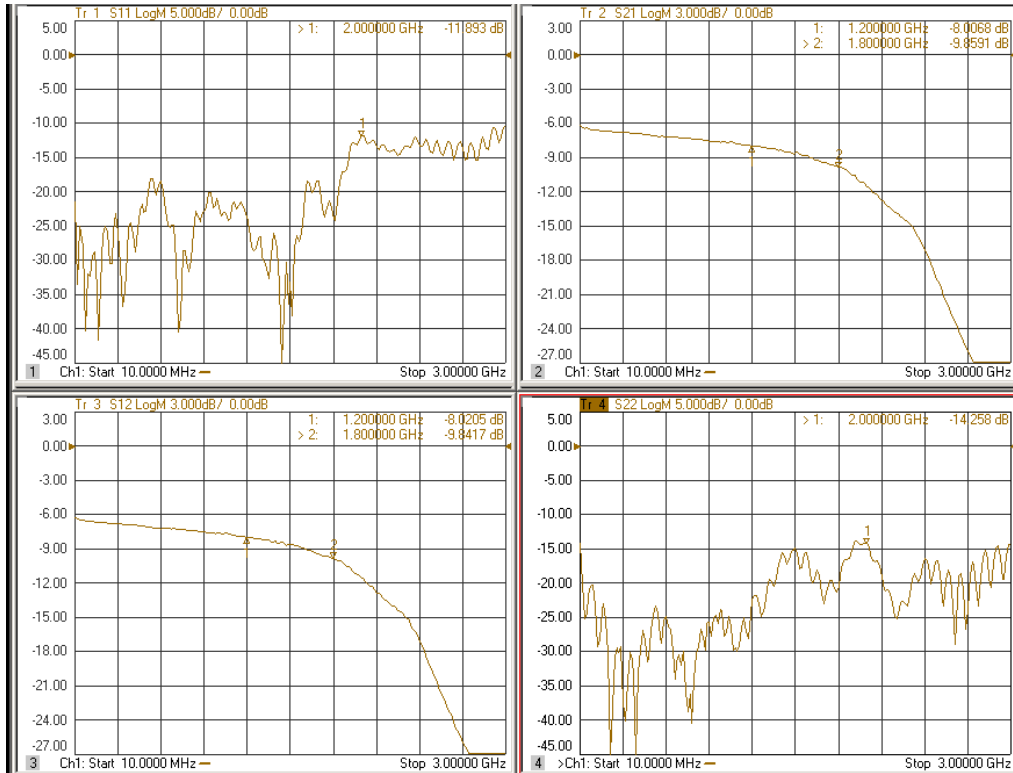


Figure 219: Scattering matrix for channel 4J, polarization x and output 6dB3.

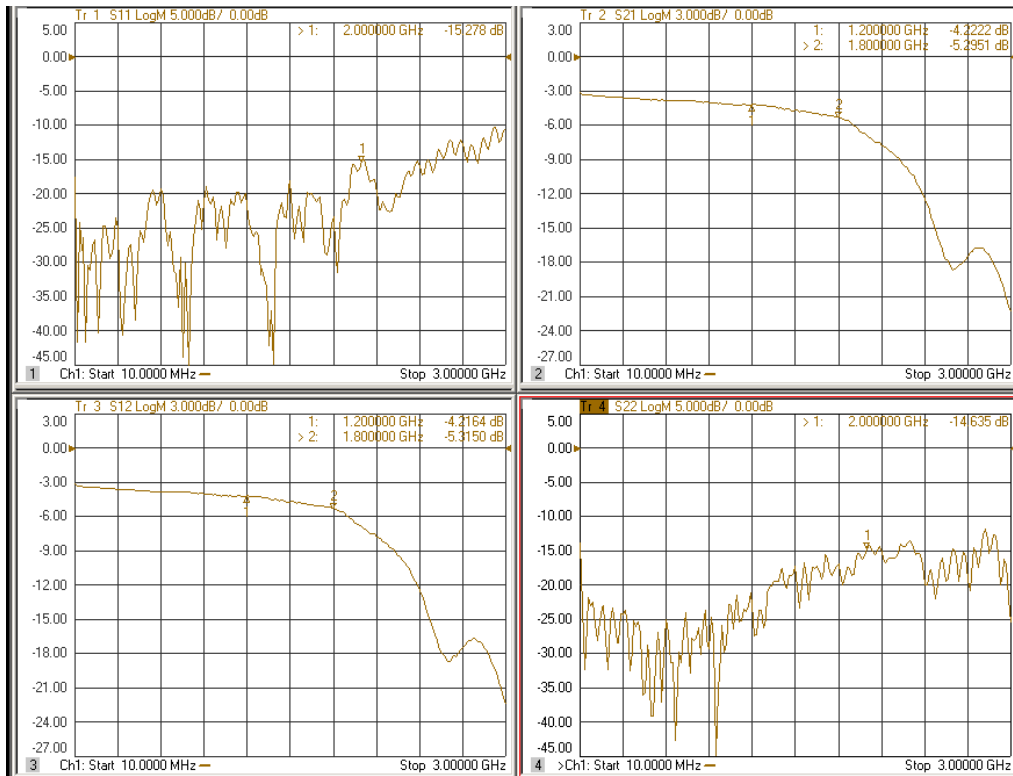


Figure 220: Scattering matrix for channel 4J, polarization y and output 3dB1.

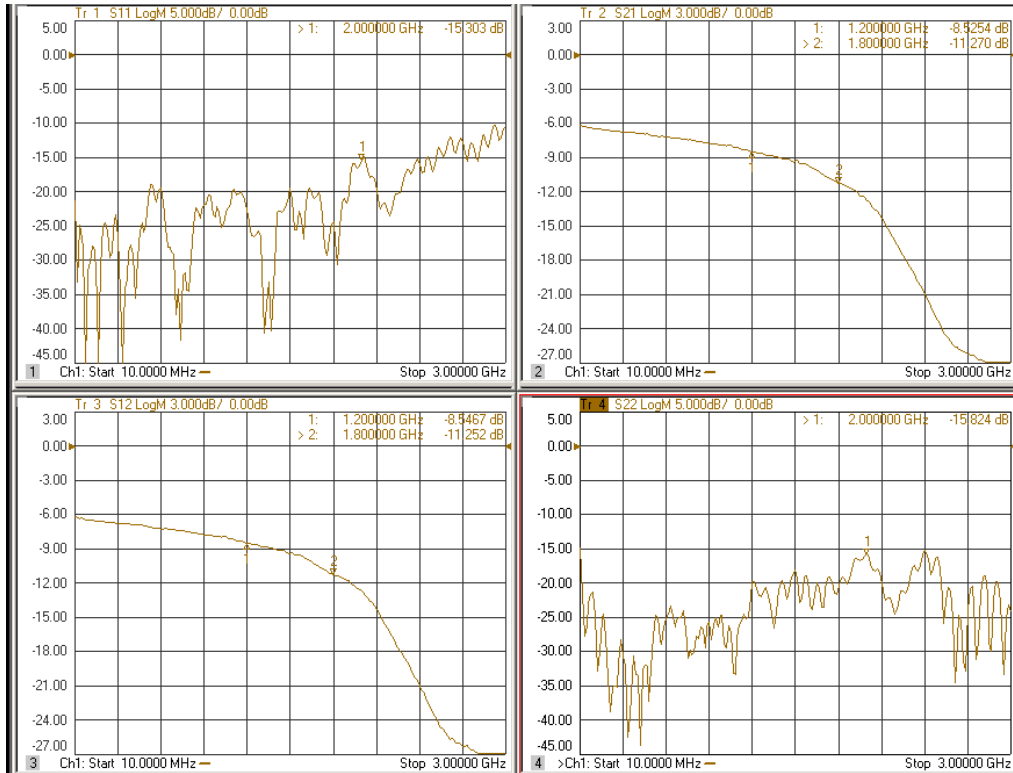


Figure 221: Scattering matrix for channel 4J, polarization y and output 6dB2.

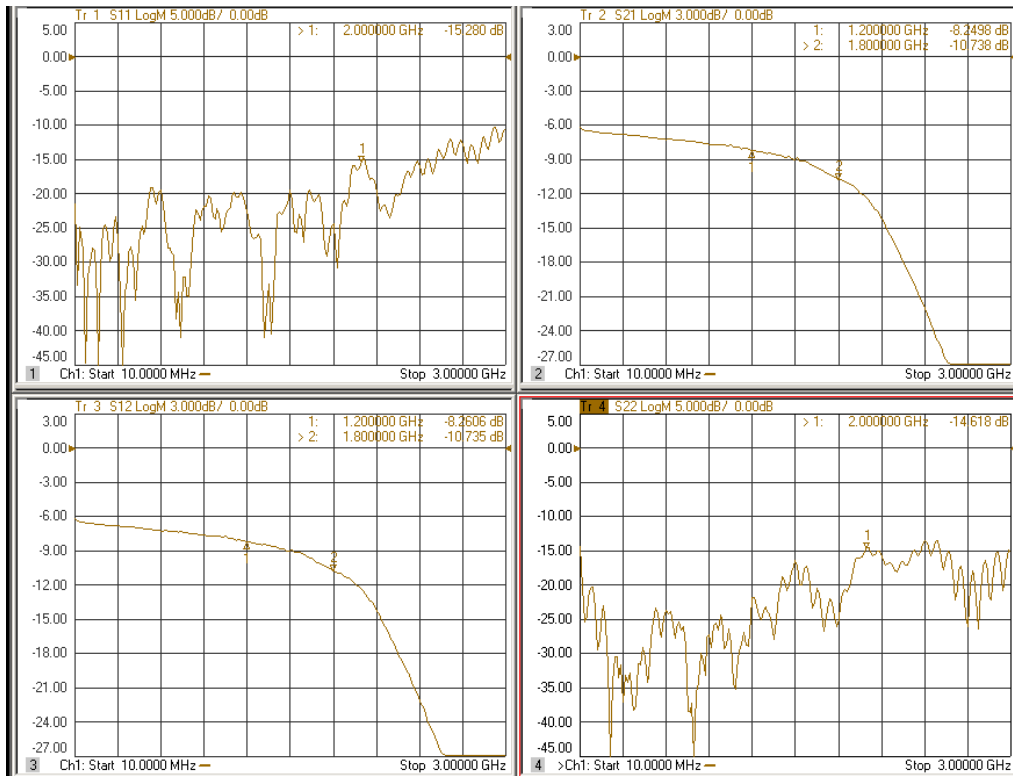


Figure 222: Scattering matrix for channel 4J, polarization y and output 6dB3.

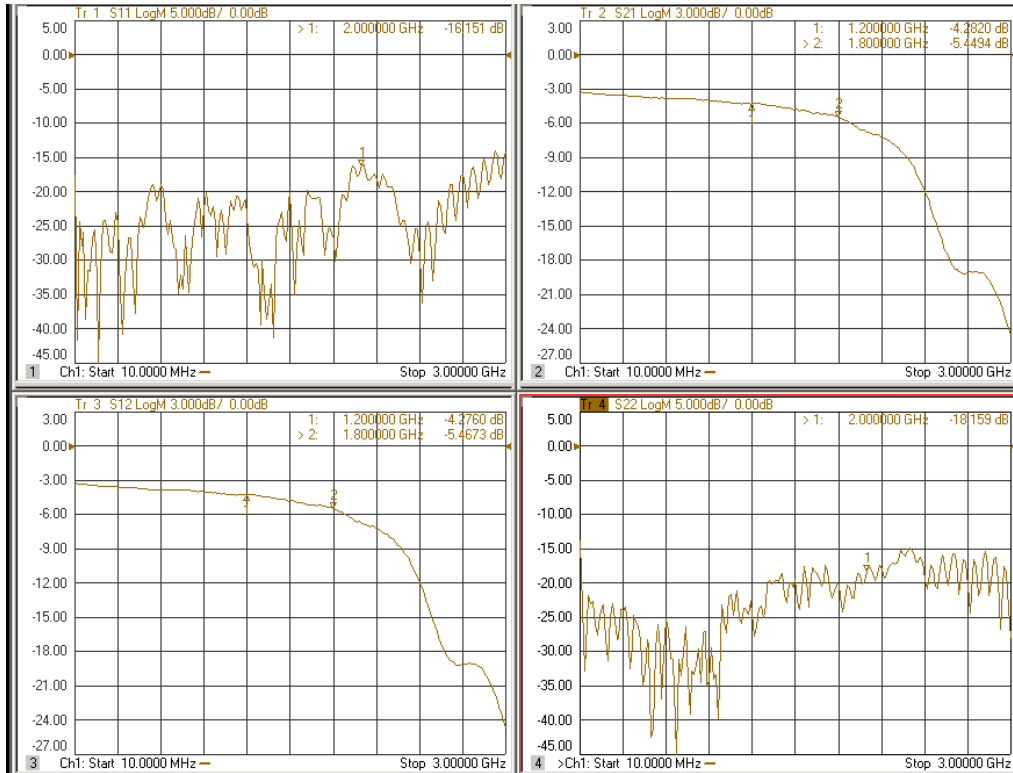


Figure 223: Scattering matrix for channel 4K, polarization x and output 3dB1.

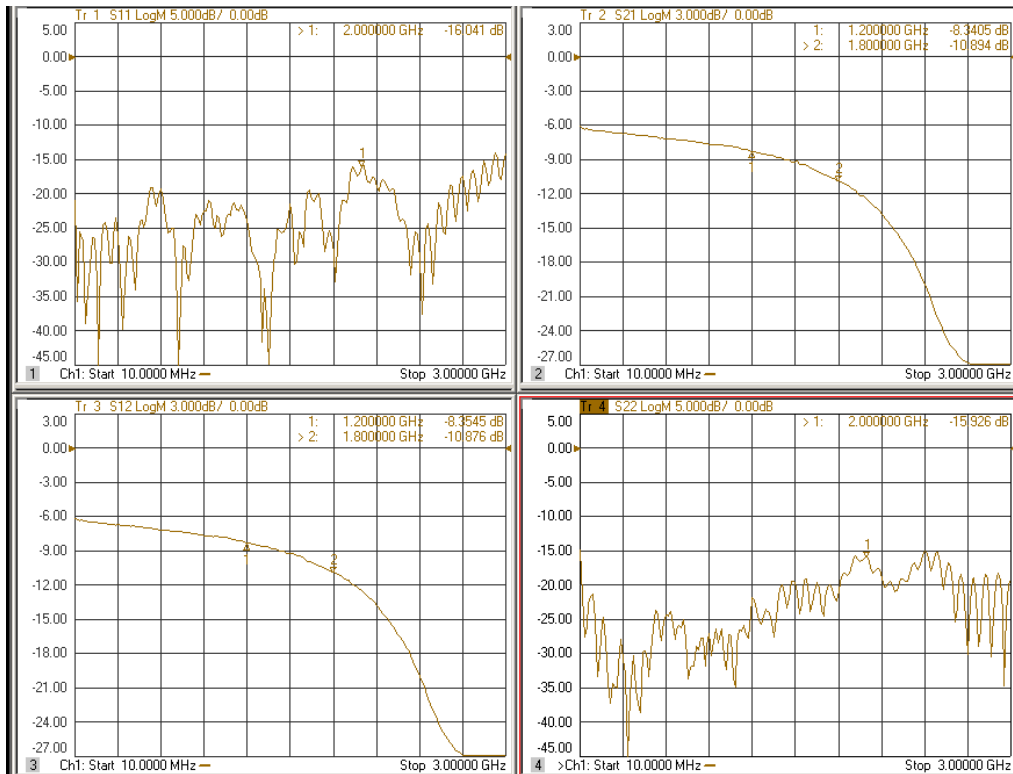


Figure 224: Scattering matrix for channel 4K, polarization x and output 6dB2.

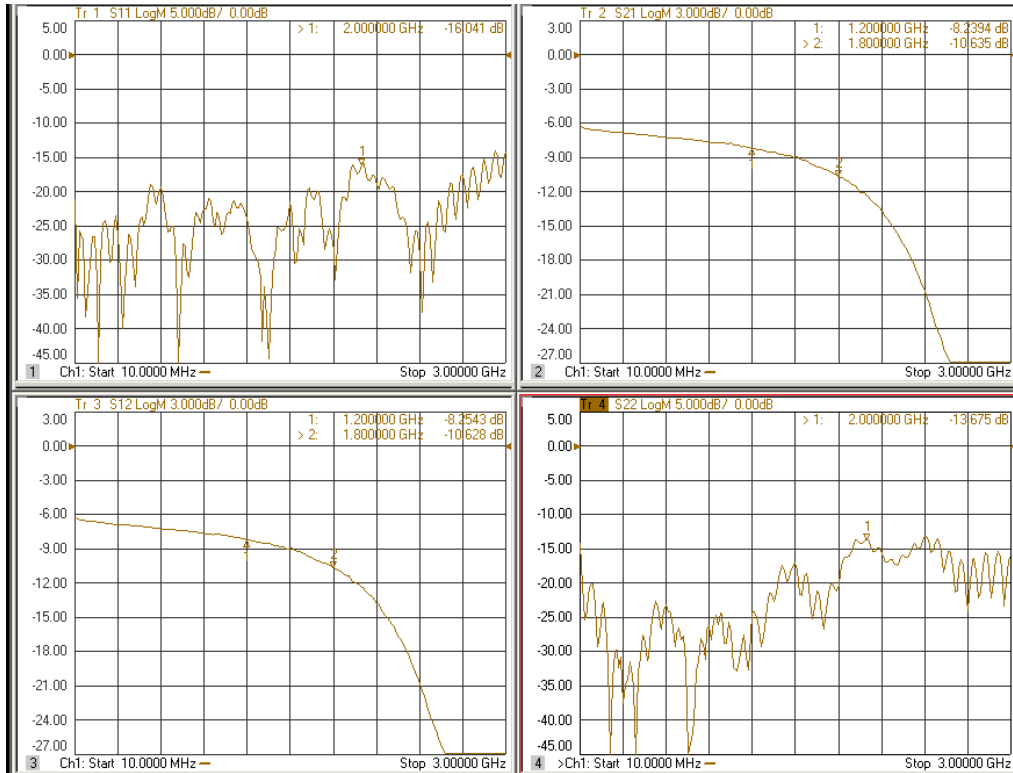


Figure 225: Scattering matrix for channel 4K, polarization x and output 6dB3.

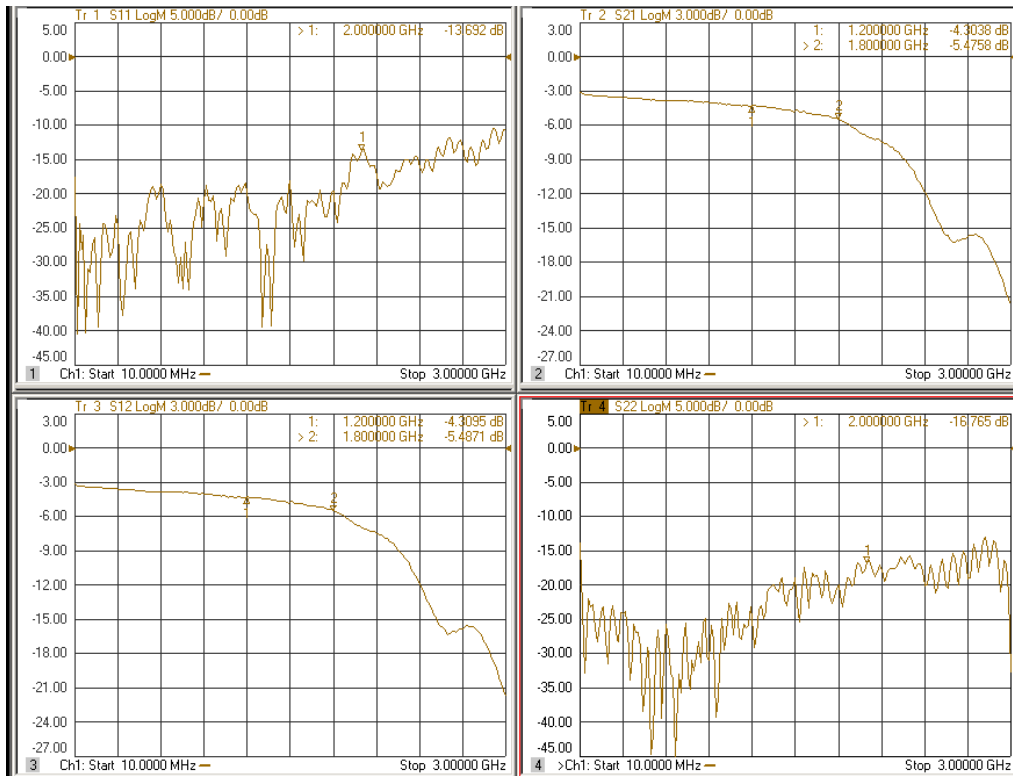


Figure 226: Scattering matrix for channel 4K, polarization y and output 3dB1.

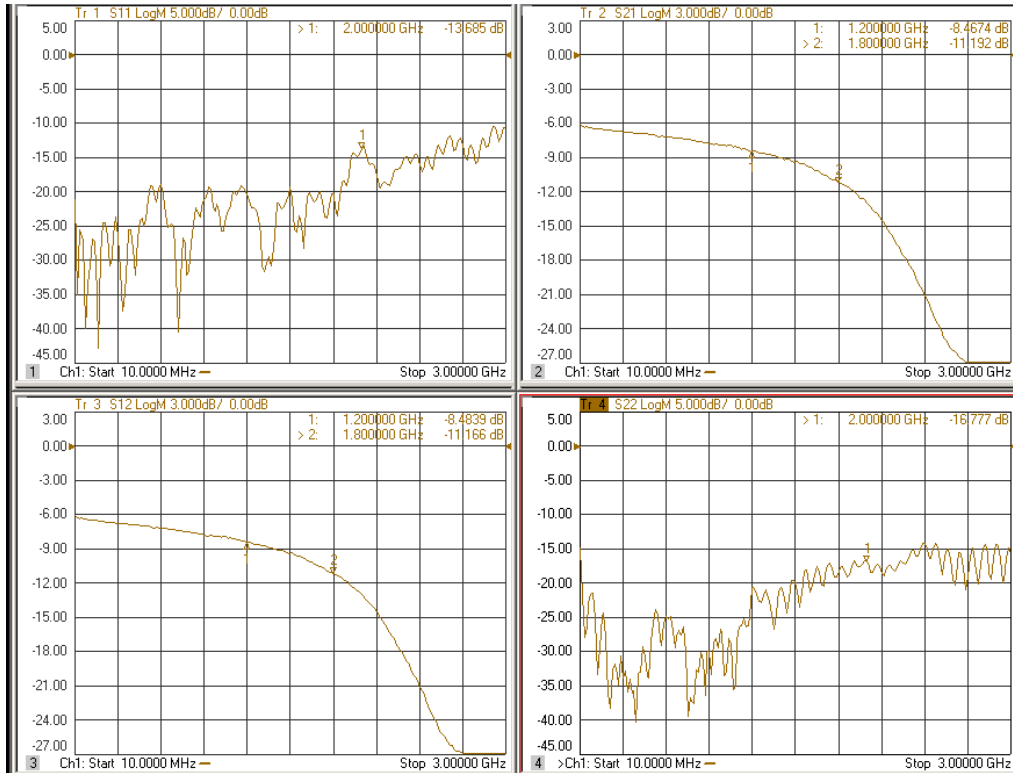


Figure 227: Scattering matrix for channel 4K, polarization y and output 6dB2.

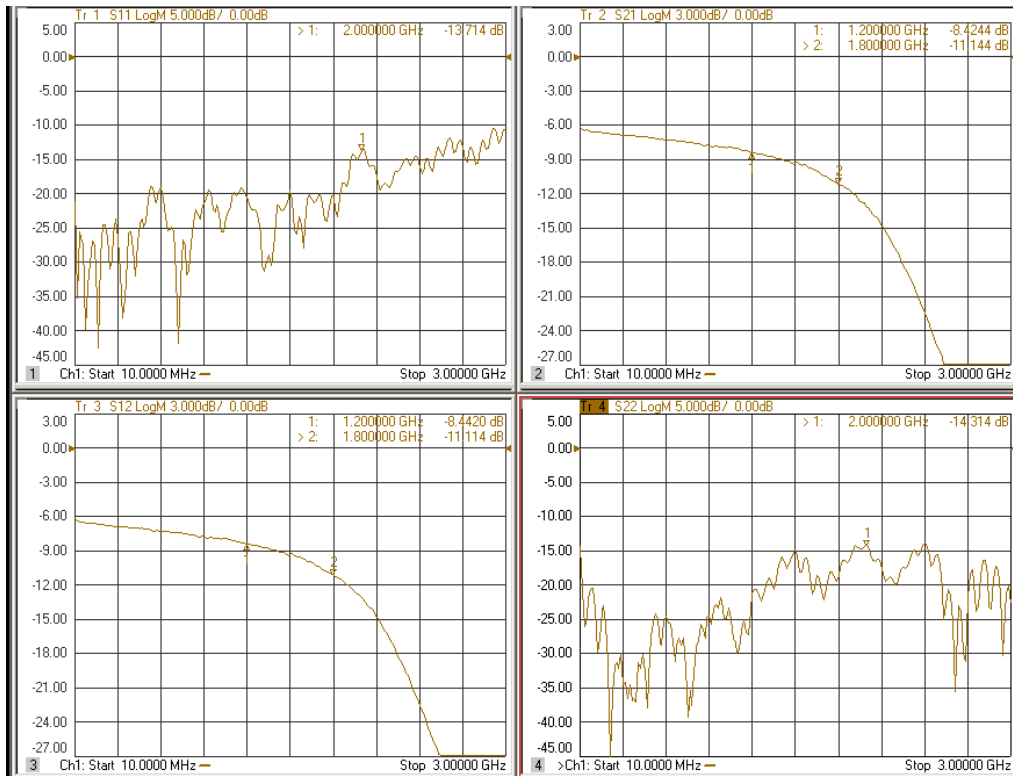


Figure 228: Scattering matrix for channel 4K, polarization y and output 6dB3.

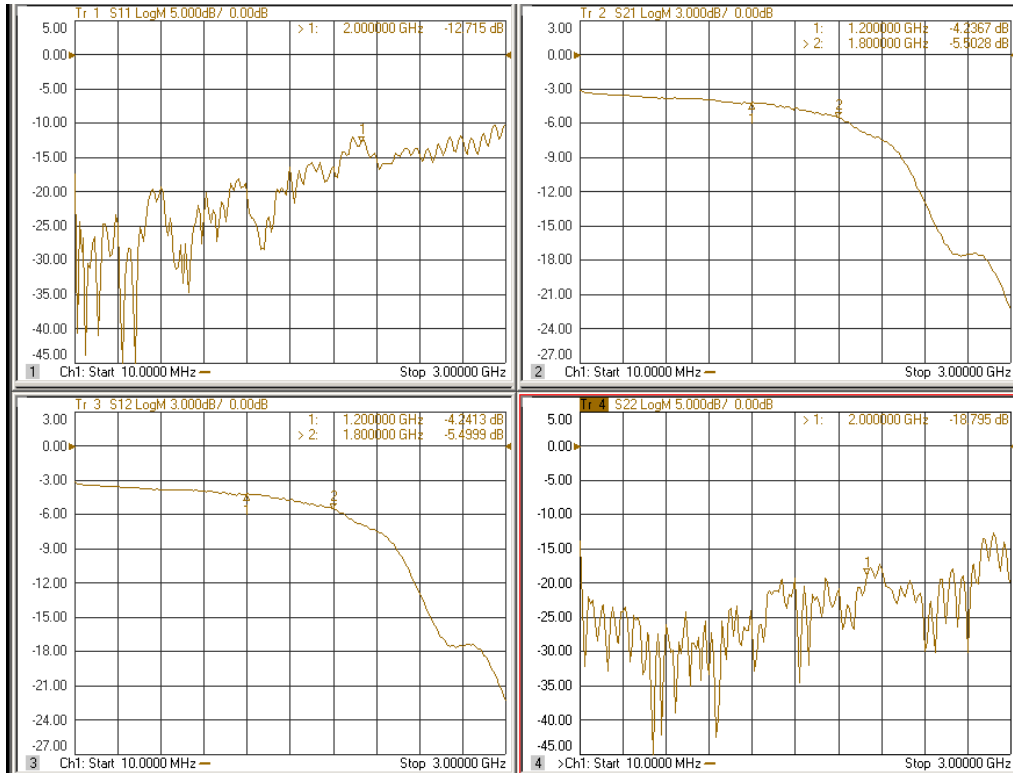


Figure 229: Scattering matrix for channel 4L, polarization x and output 3dB1.

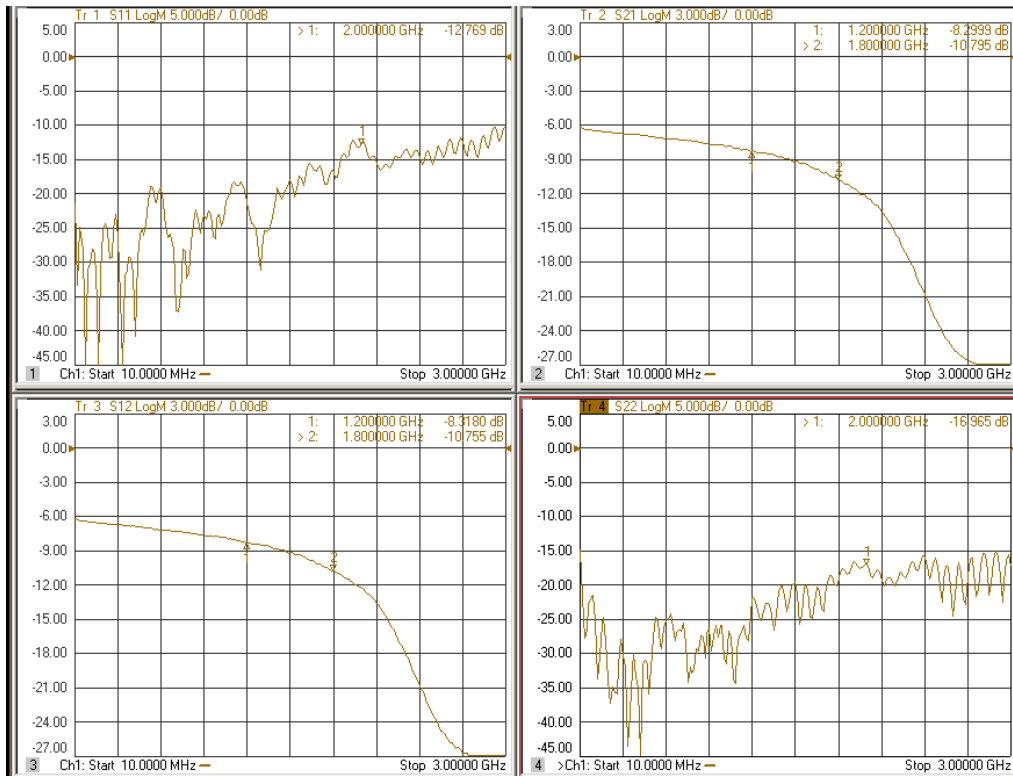


Figure 230: Scattering matrix for channel 4L, polarization x and output 6dB2.

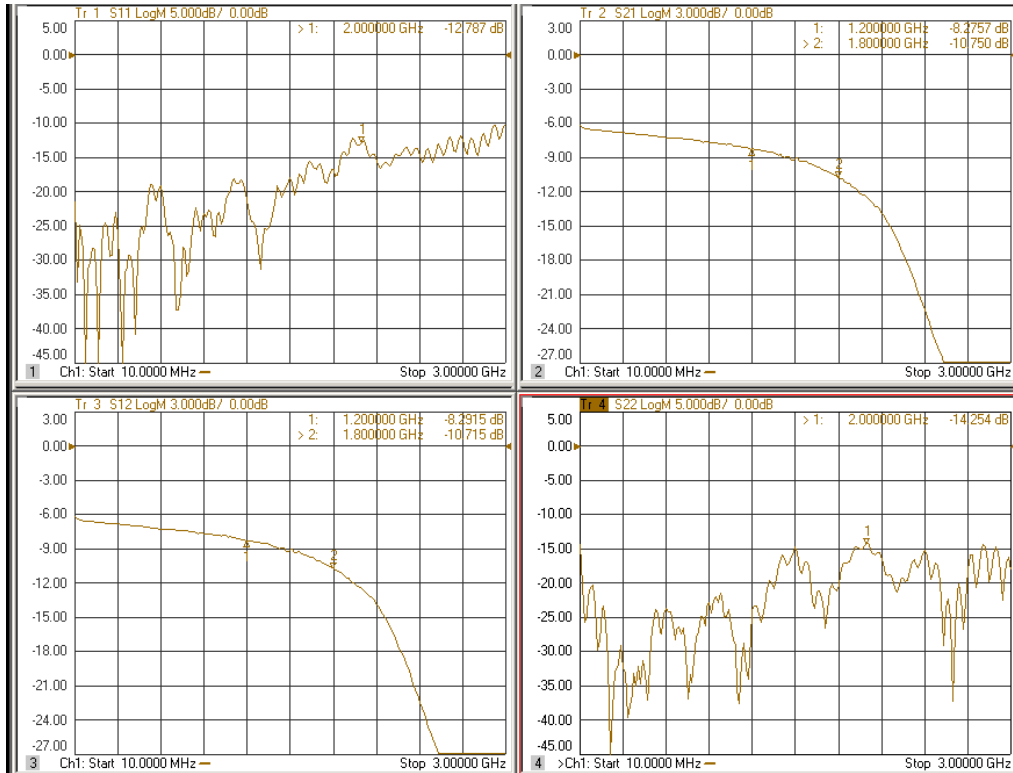


Figure 231: Scattering matrix for channel 4L, polarization x and output 6dB3.

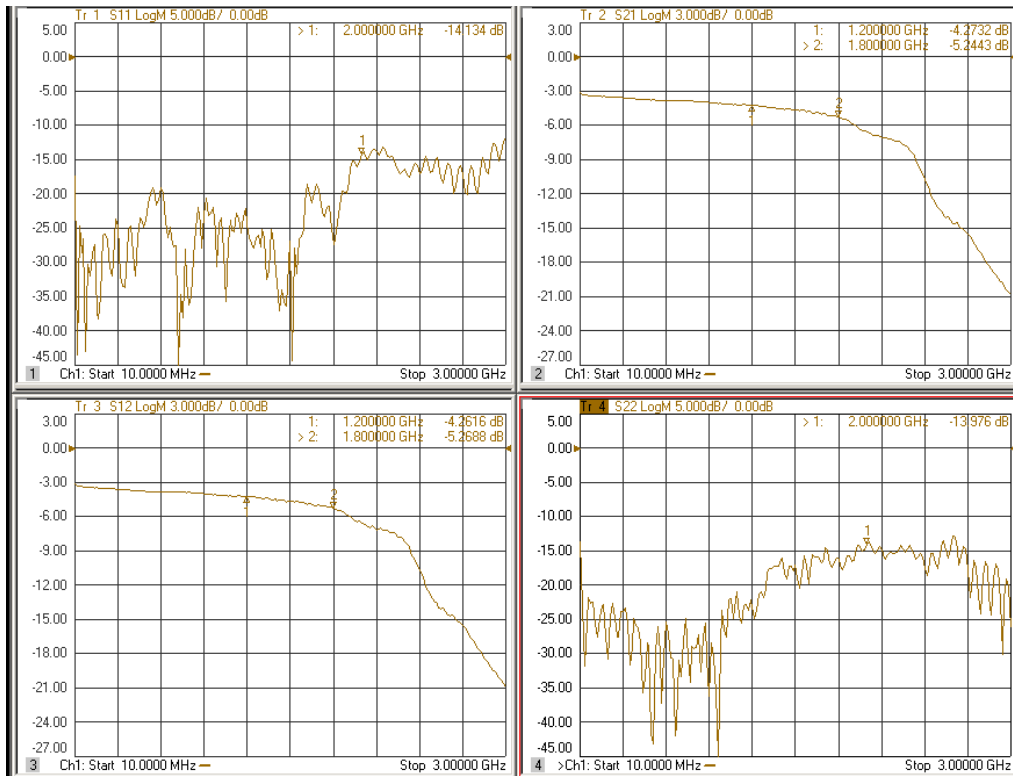


Figure 232: Scattering matrix for channel 4L, polarization y and output 3dB1.

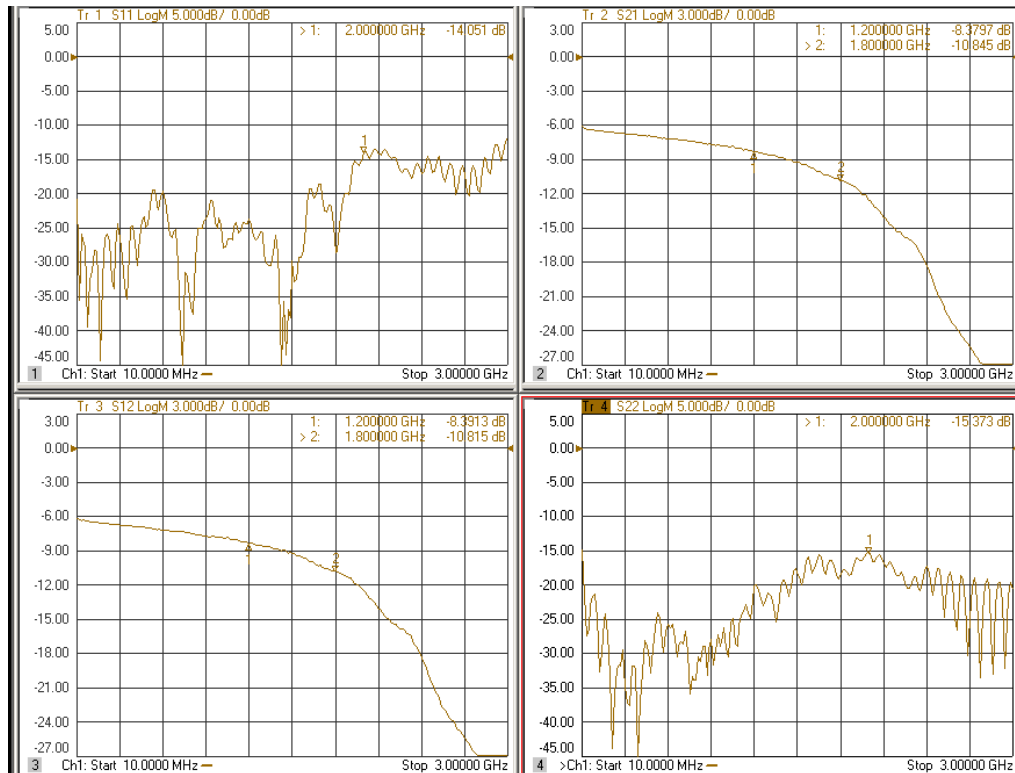


Figure 233: Scattering matrix for channel 4L, polarization y and output 6dB2.

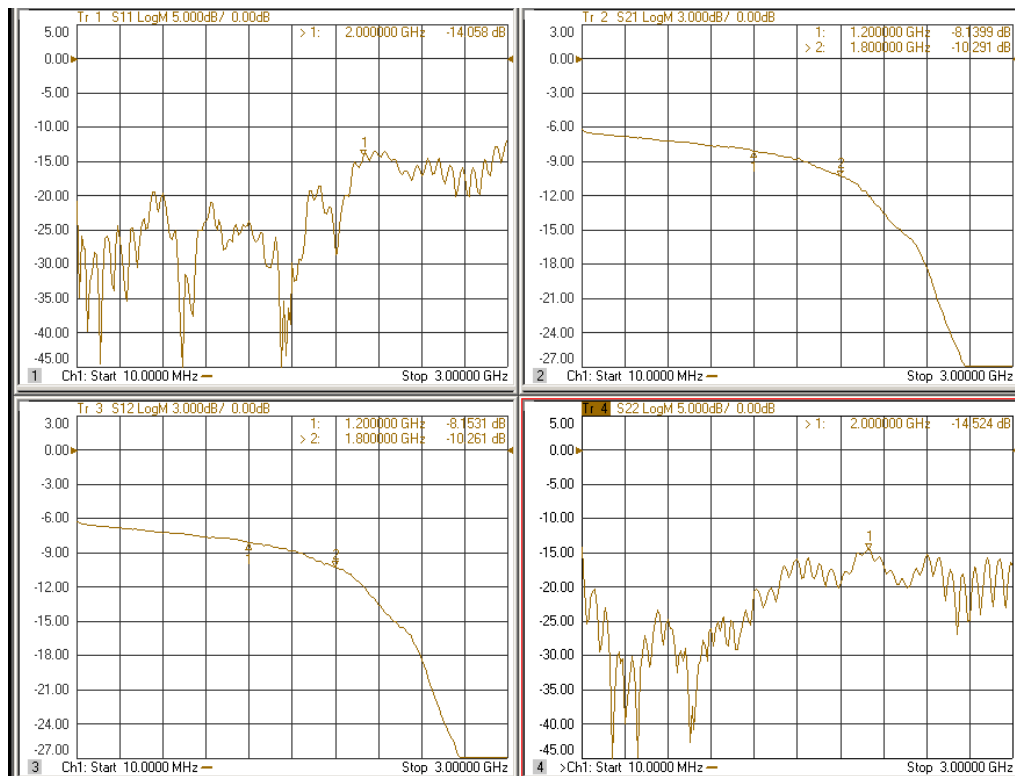


Figure 234: Scattering matrix for channel 4L, polarization y and output 6dB3.

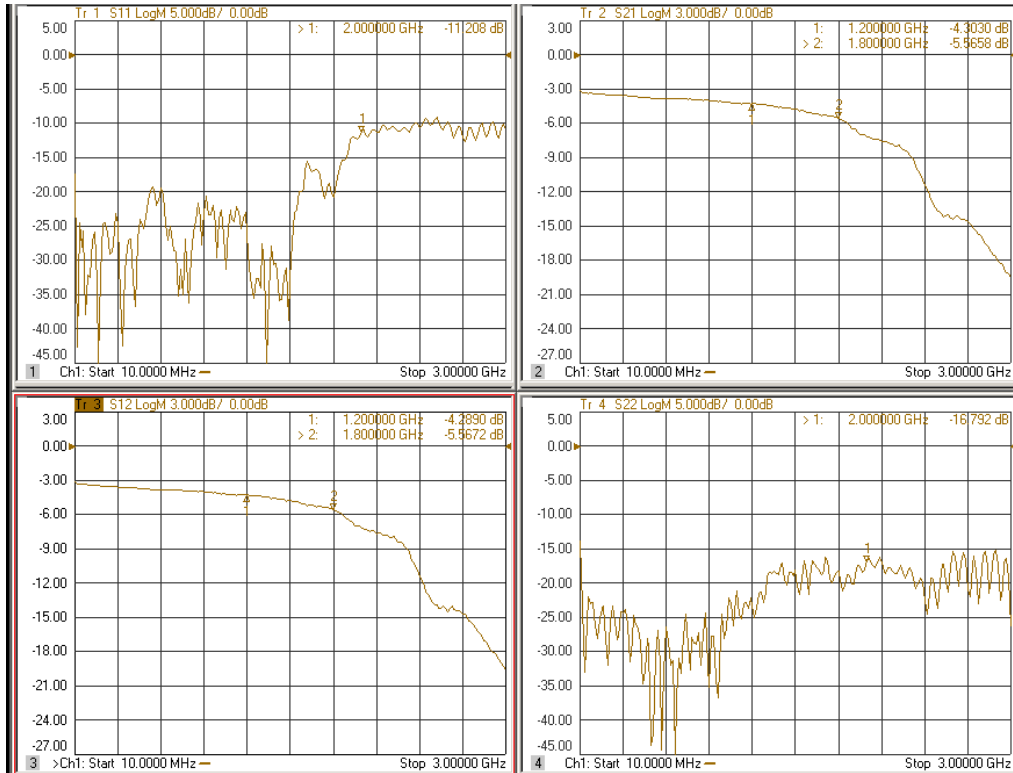


Figure 235: Scattering matrix for channel 5B, polarization x and output 3dB1.

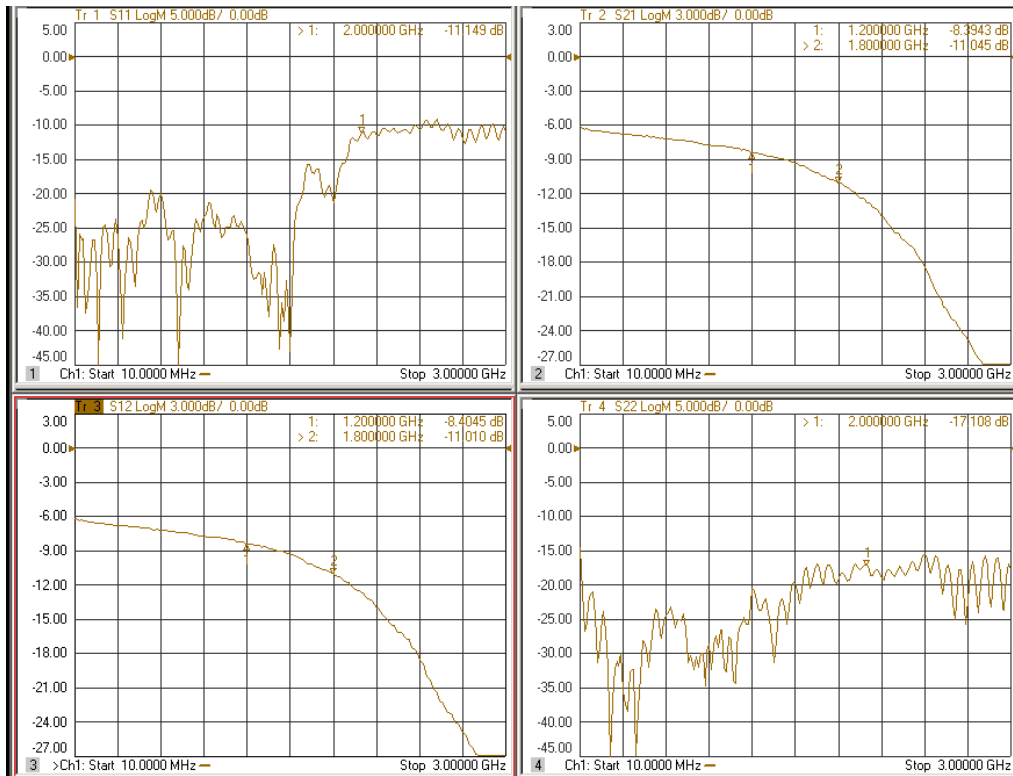


Figure 236: Scattering matrix for channel 5B, polarization x and output 6dB2.

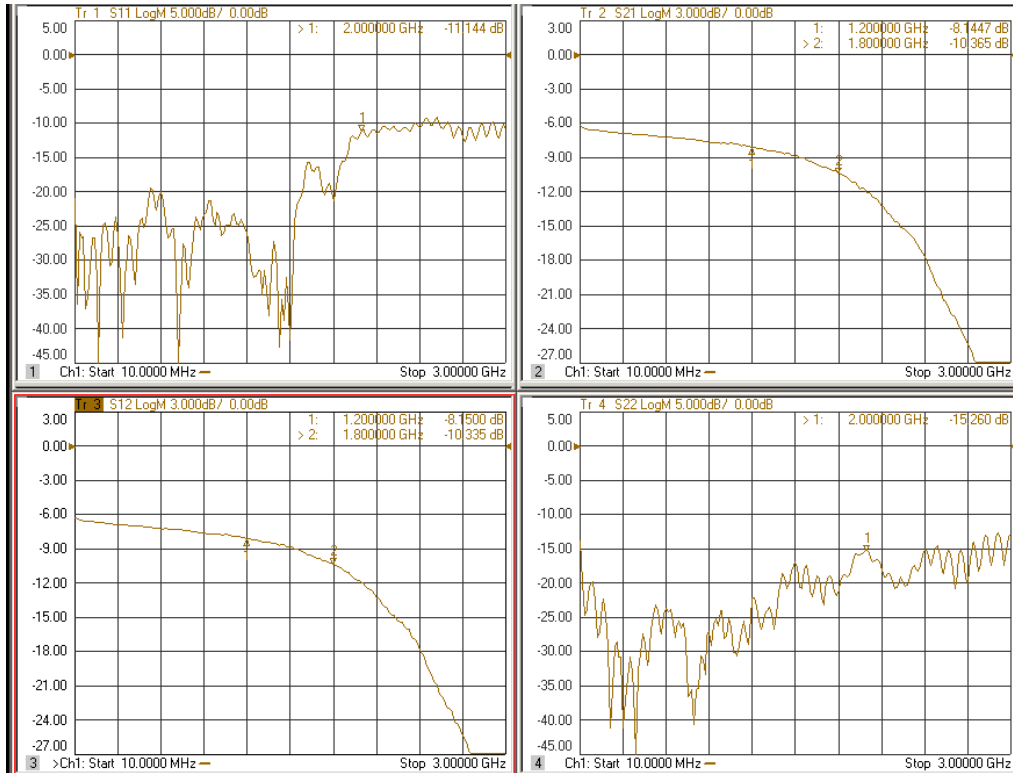


Figure 237: Scattering matrix for channel 5B, polarization x and output 6dB3.

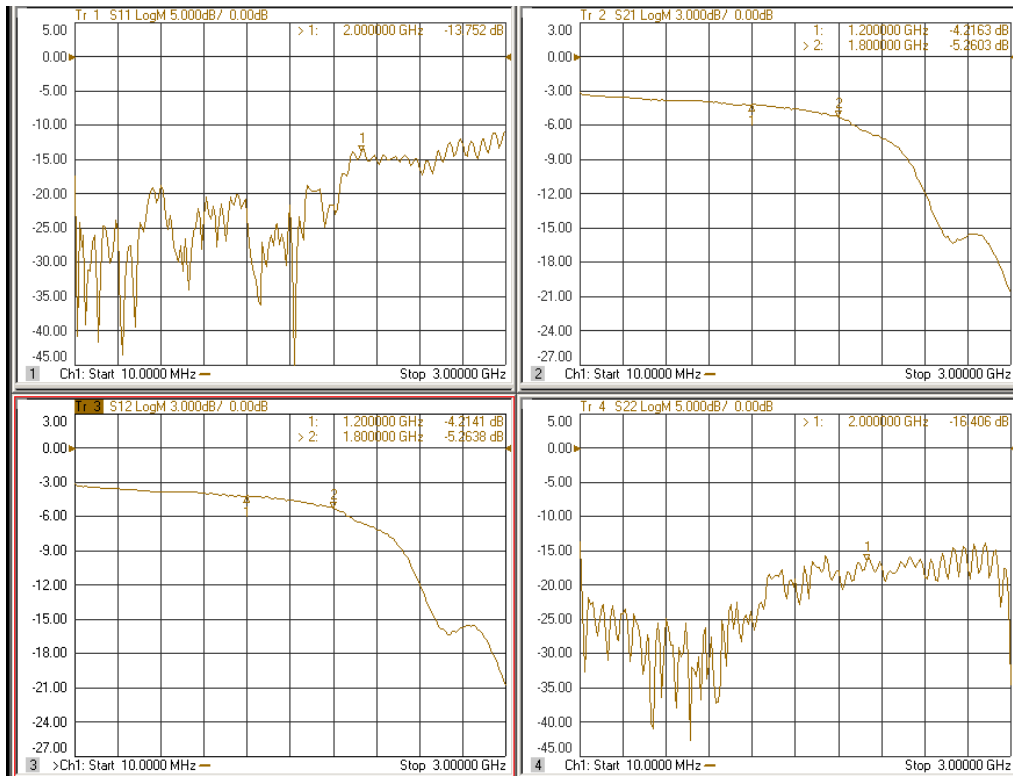


Figure 238: Scattering matrix for channel 5B, polarization y and output 3dB1.

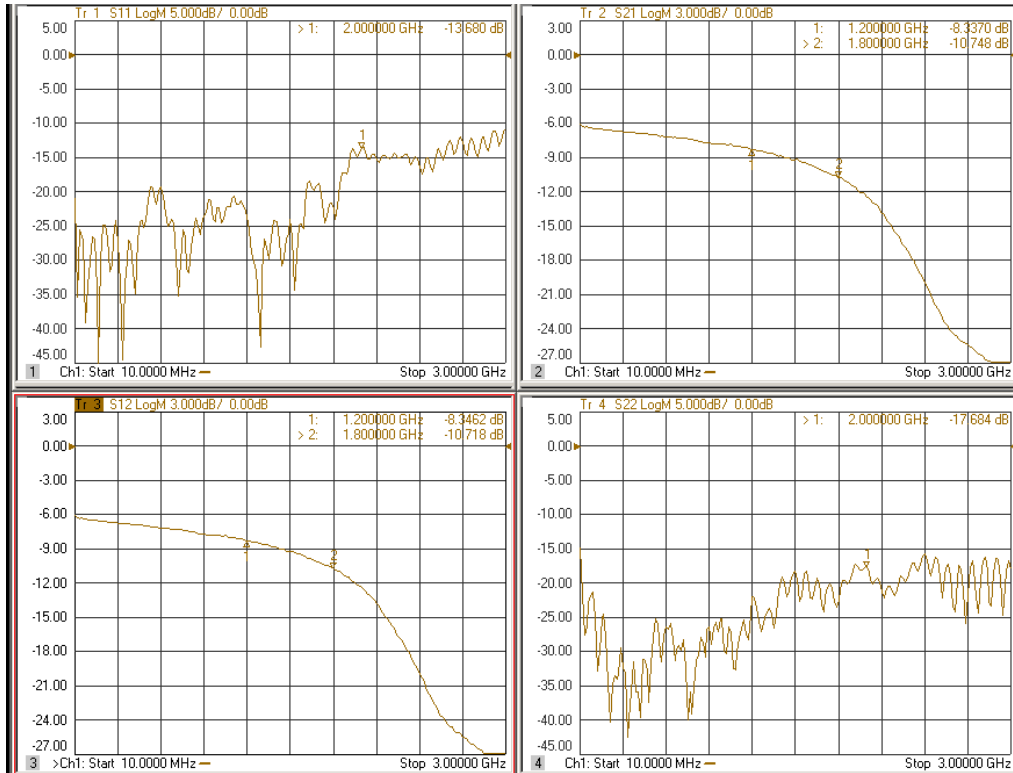


Figure 239: Scattering matrix for channel 5B, polarization y and output 6dB2.

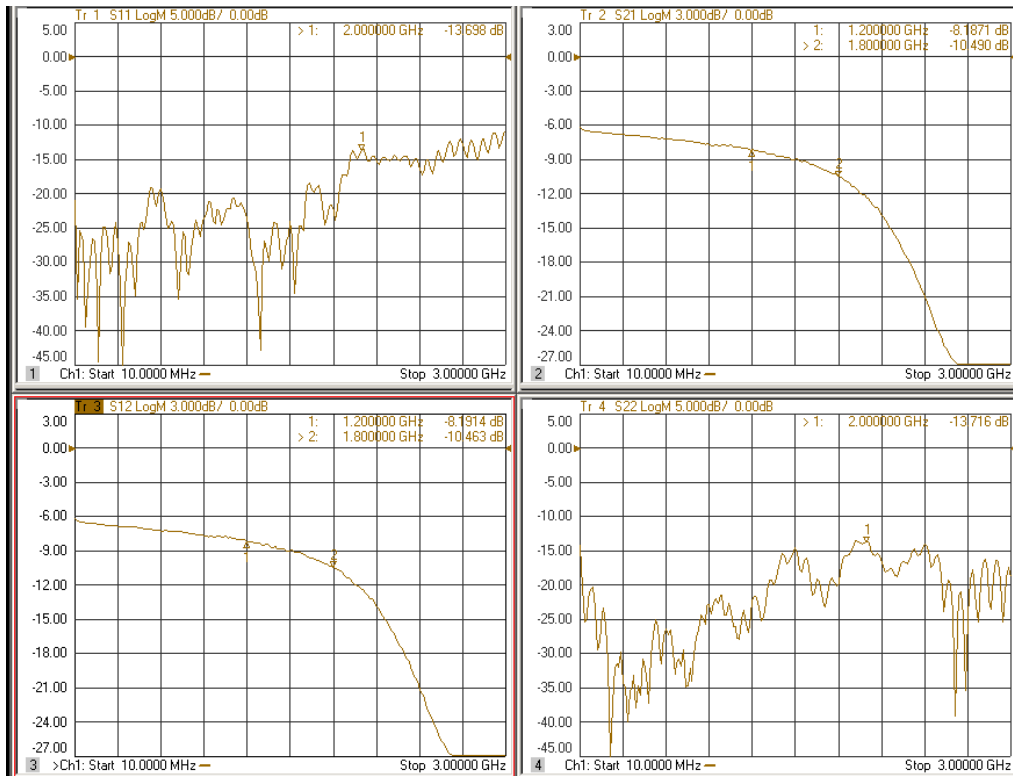


Figure 240: Scattering matrix for channel 5B, polarization y and output 6dB3.

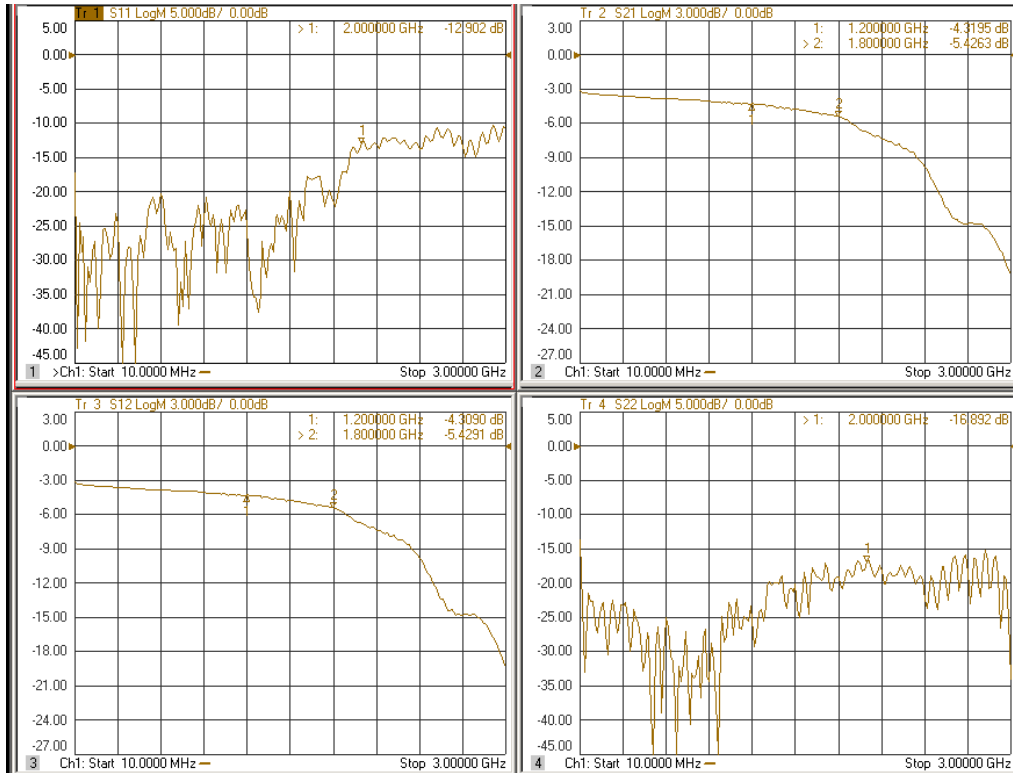


Figure 241: Scattering matrix for channel 5C, polarization x and output 3dB1.

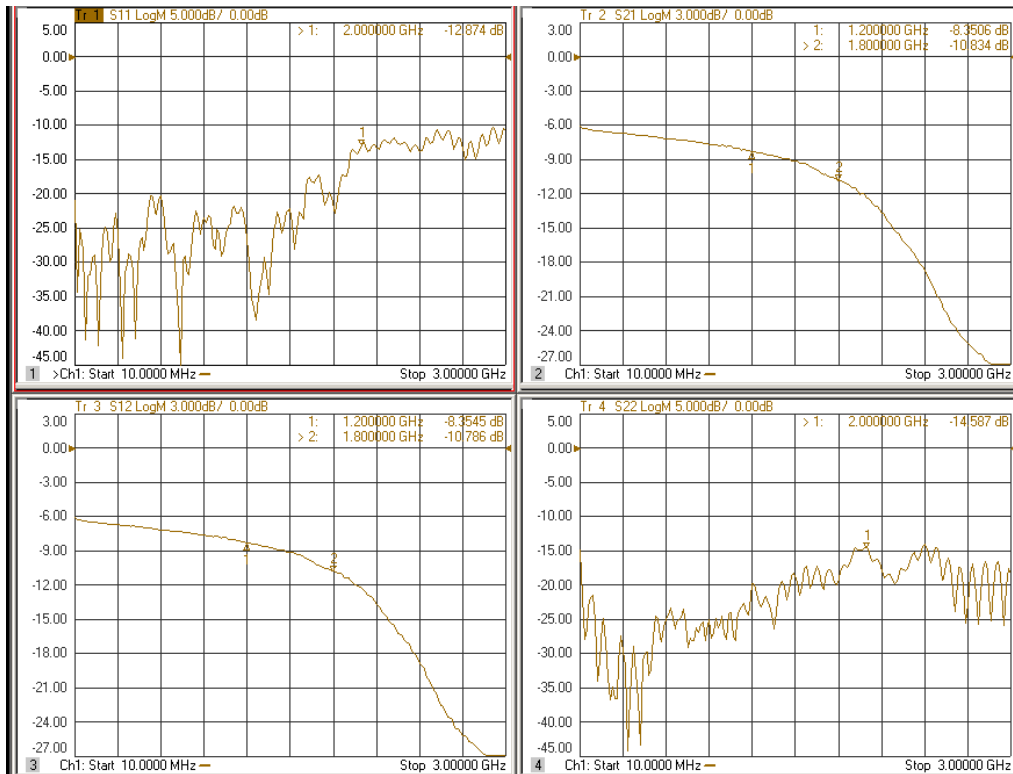


Figure 242: Scattering matrix for channel 5C, polarization x and output 6dB2.

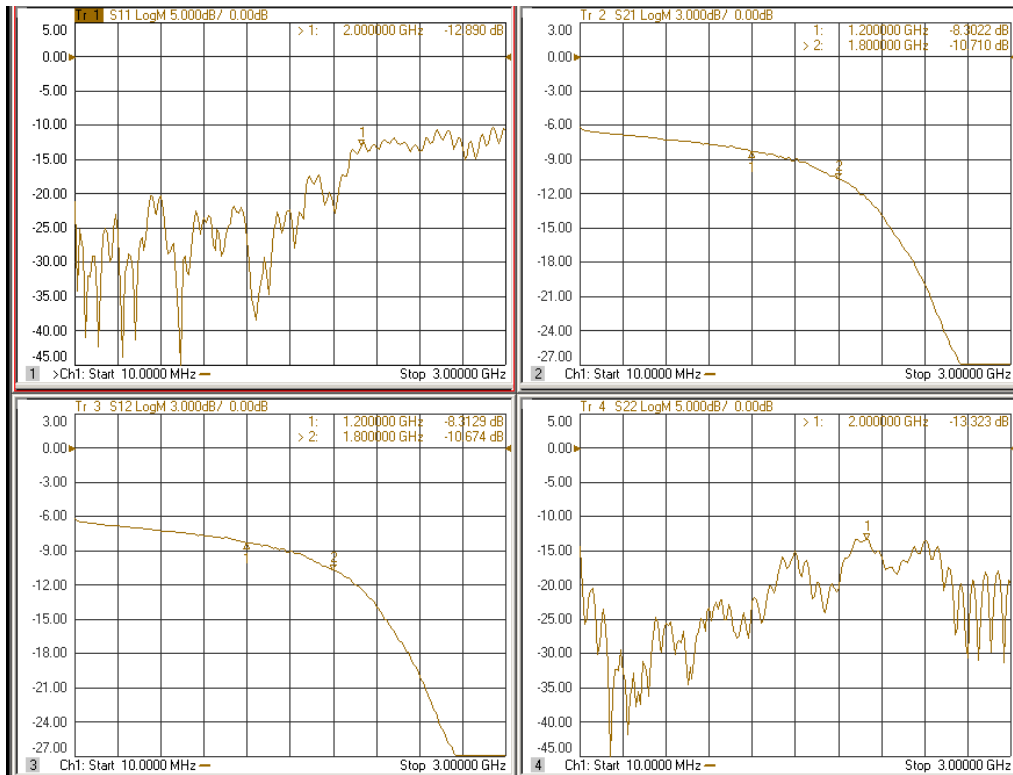


Figure 243: Scattering matrix for channel 5C, polarization x and output 6dB3.

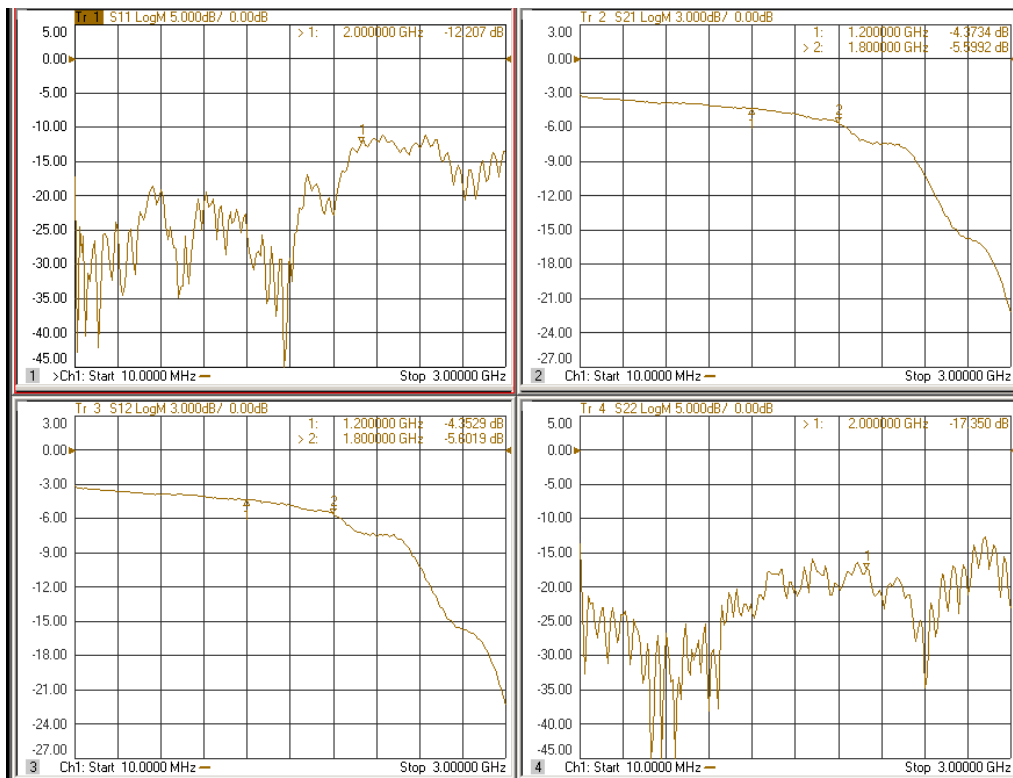


Figure 244: Scattering matrix for channel 5C, polarization y and output 3dB1.

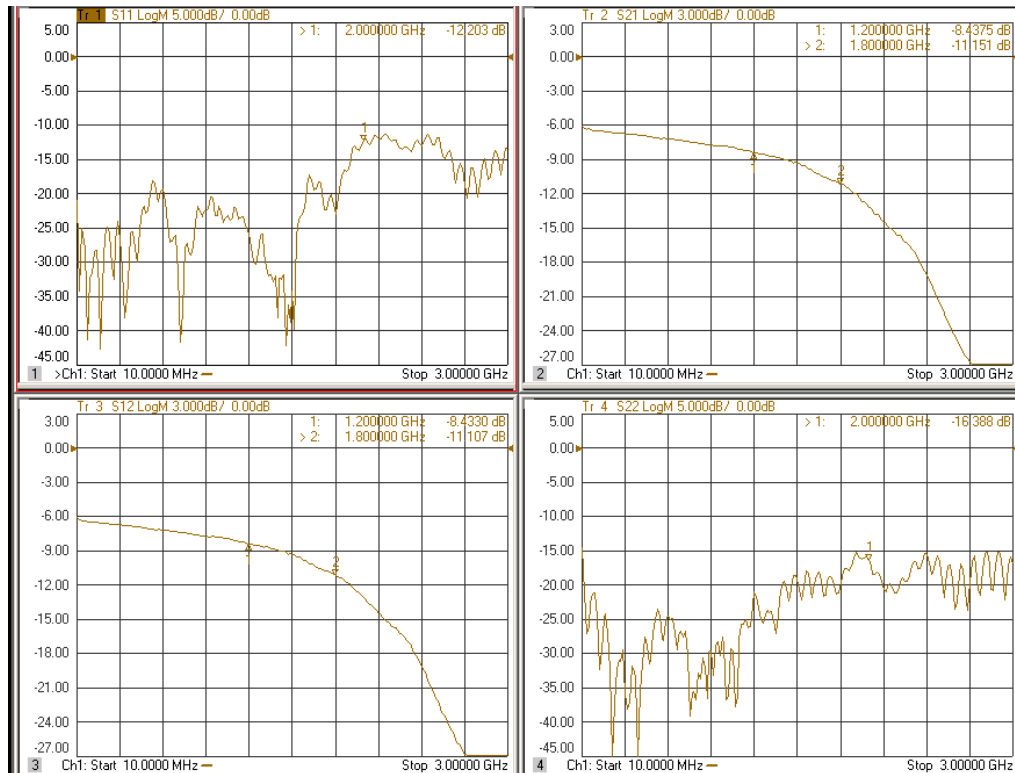


Figure 245: Scattering matrix for channel 5C, polarization y and output 6dB2.

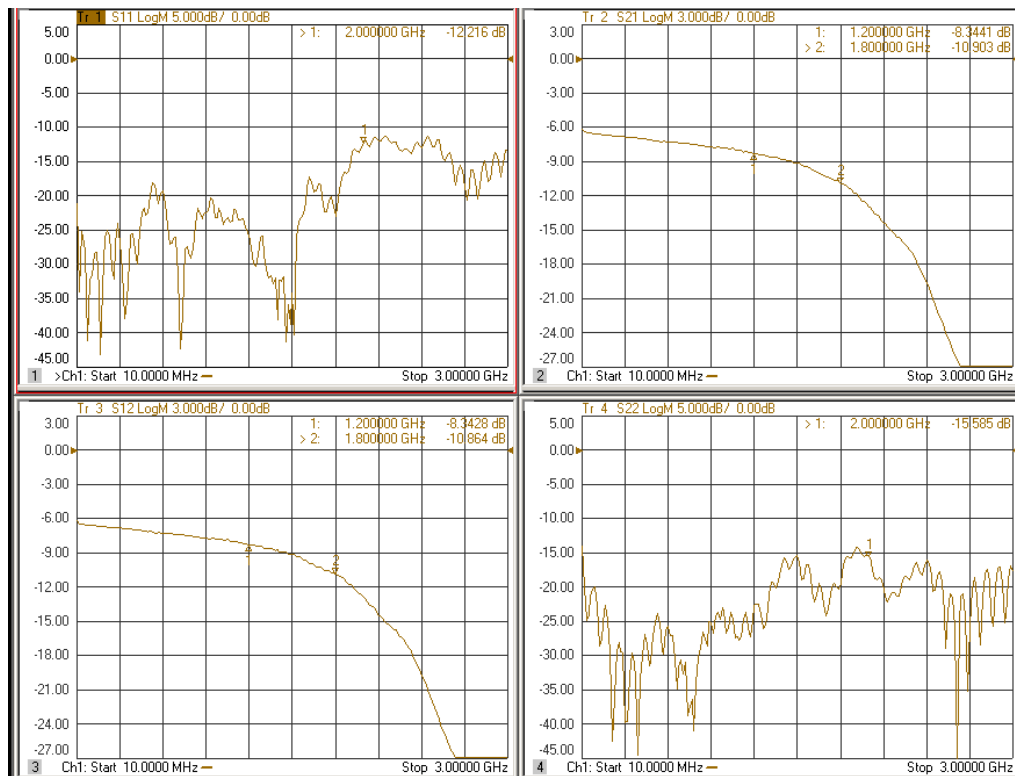


Figure 246: Scattering matrix for channel 5C, polarization y and output 6dB3.

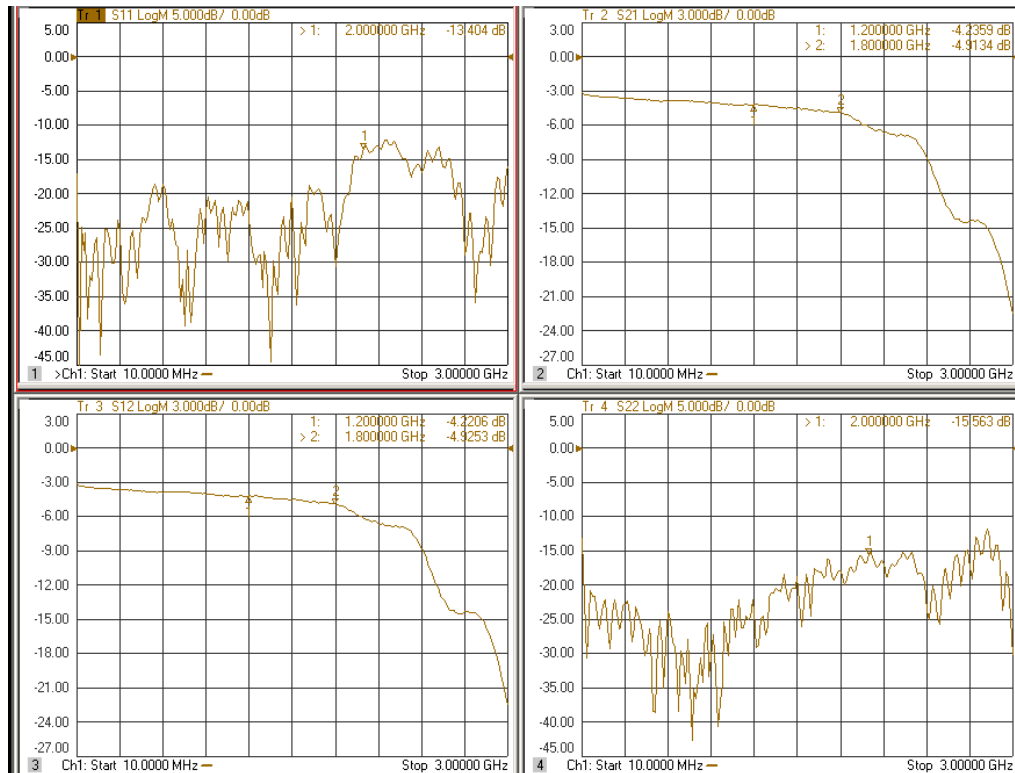


Figure 247: Scattering matrix for channel 5E, polarization x and output 3dB1.

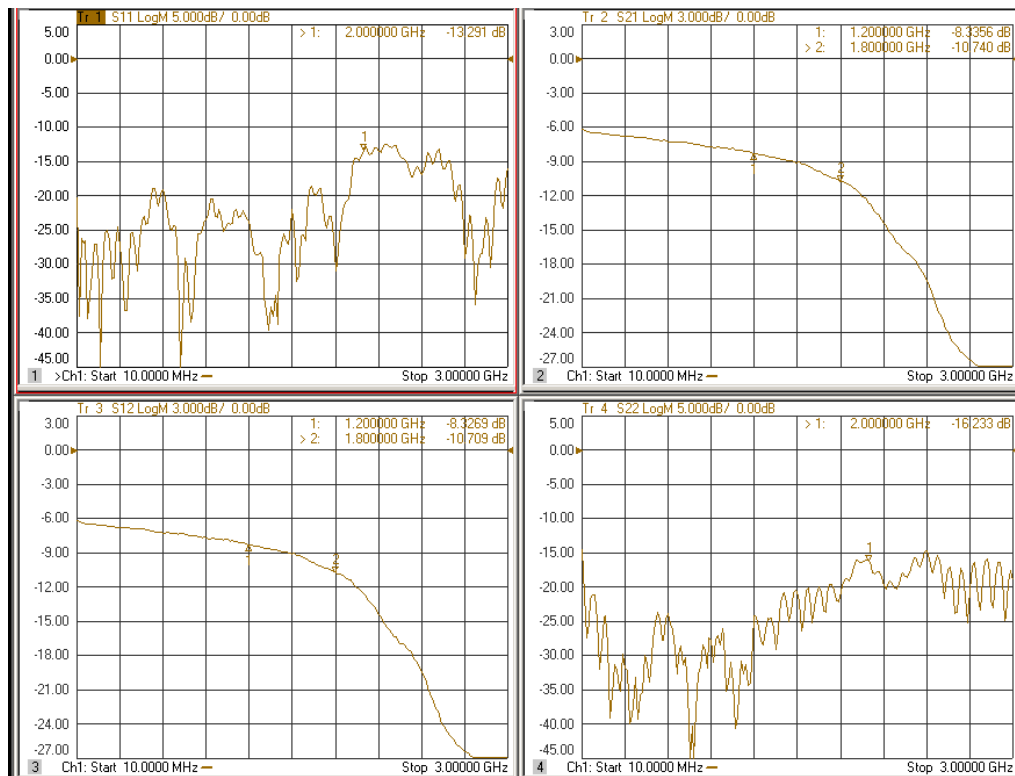


Figure 248: Scattering matrix for channel 5E, polarization x and output 6dB2.

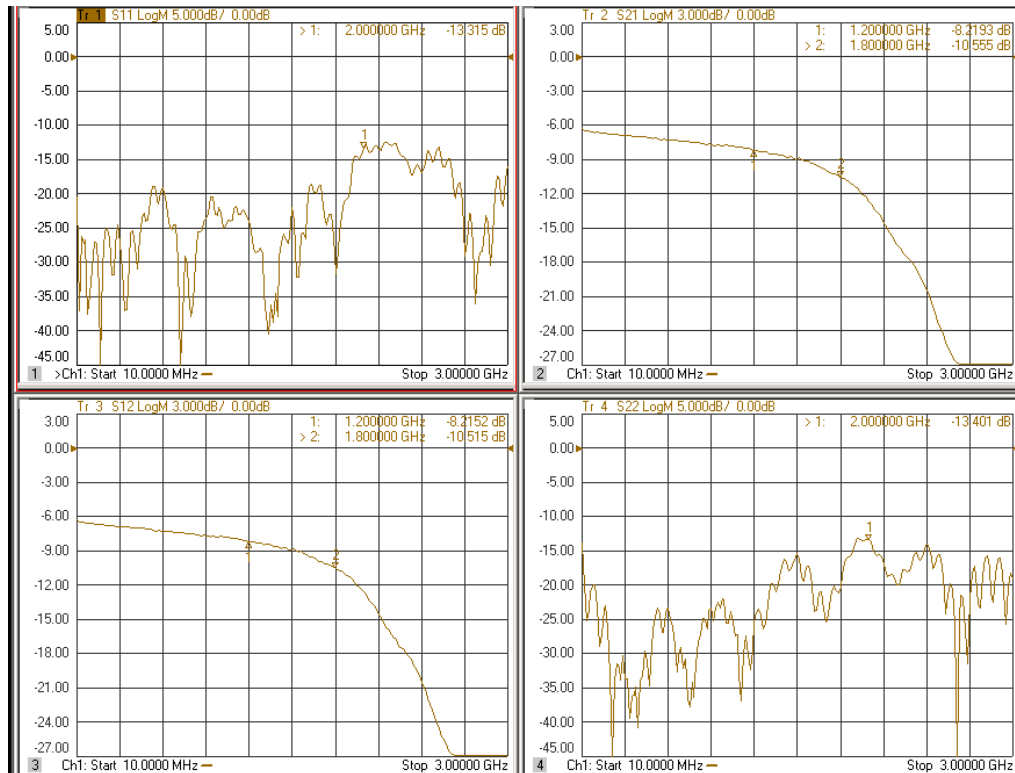


Figure 249: Scattering matrix for channel 5E, polarization x and output 6dB3.

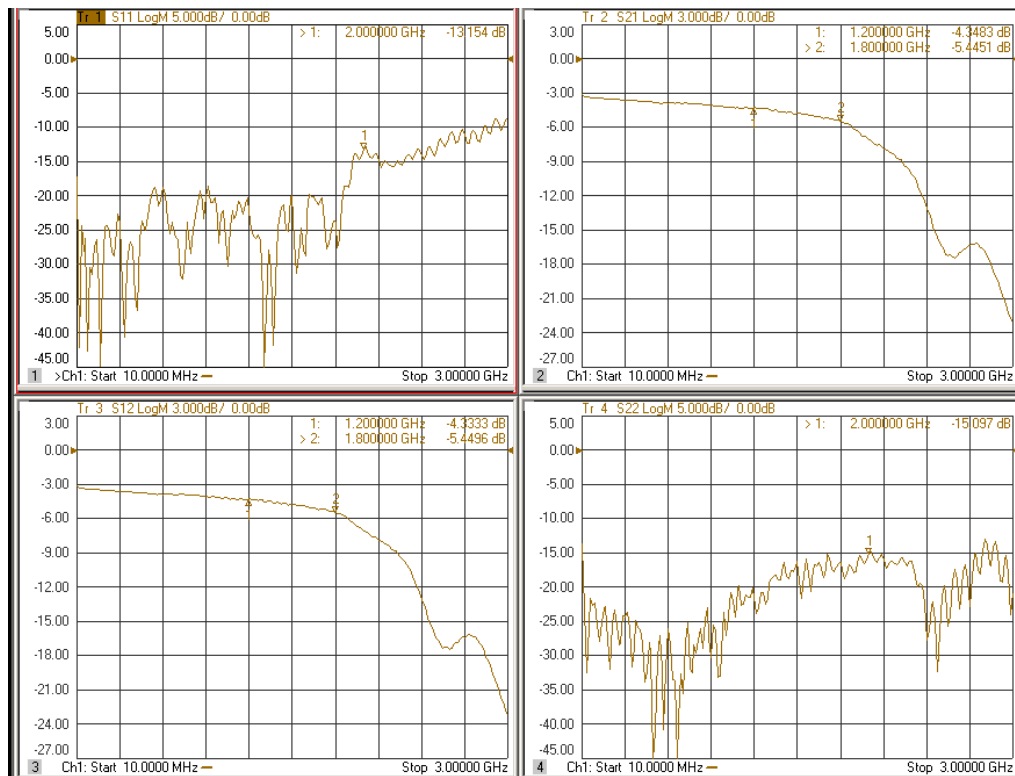


Figure 250: Scattering matrix for channel 5E, polarization y and output 3dB1.

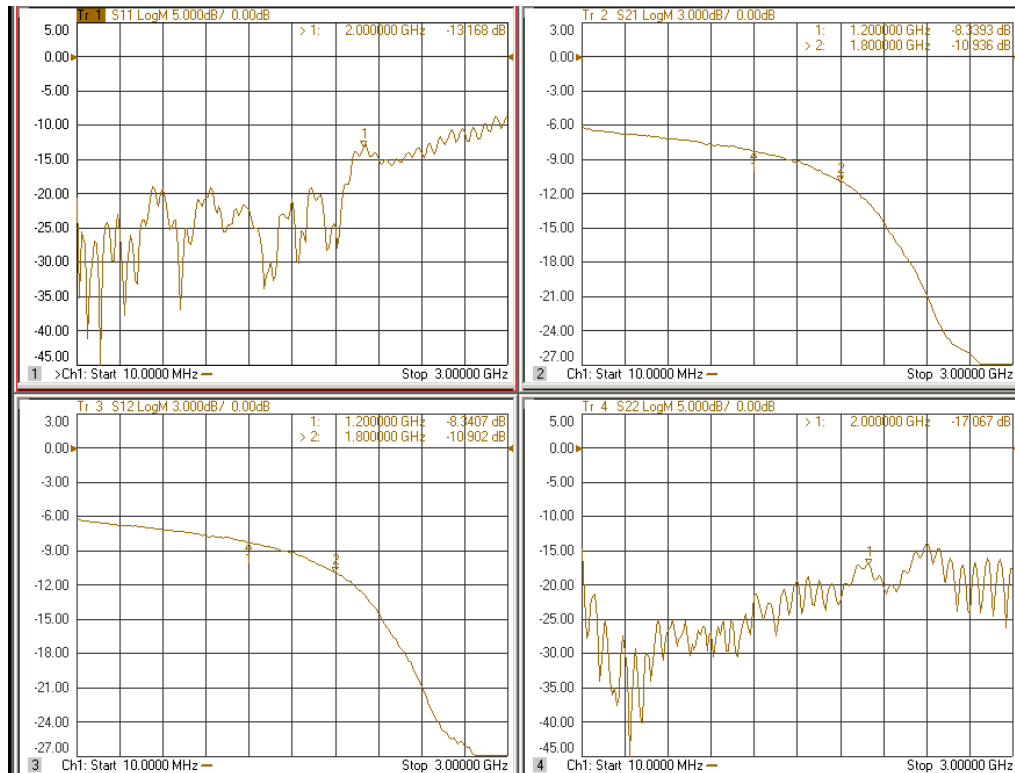


Figure 251: Scattering matrix for channel 5E, polarization y and output 6dB2.

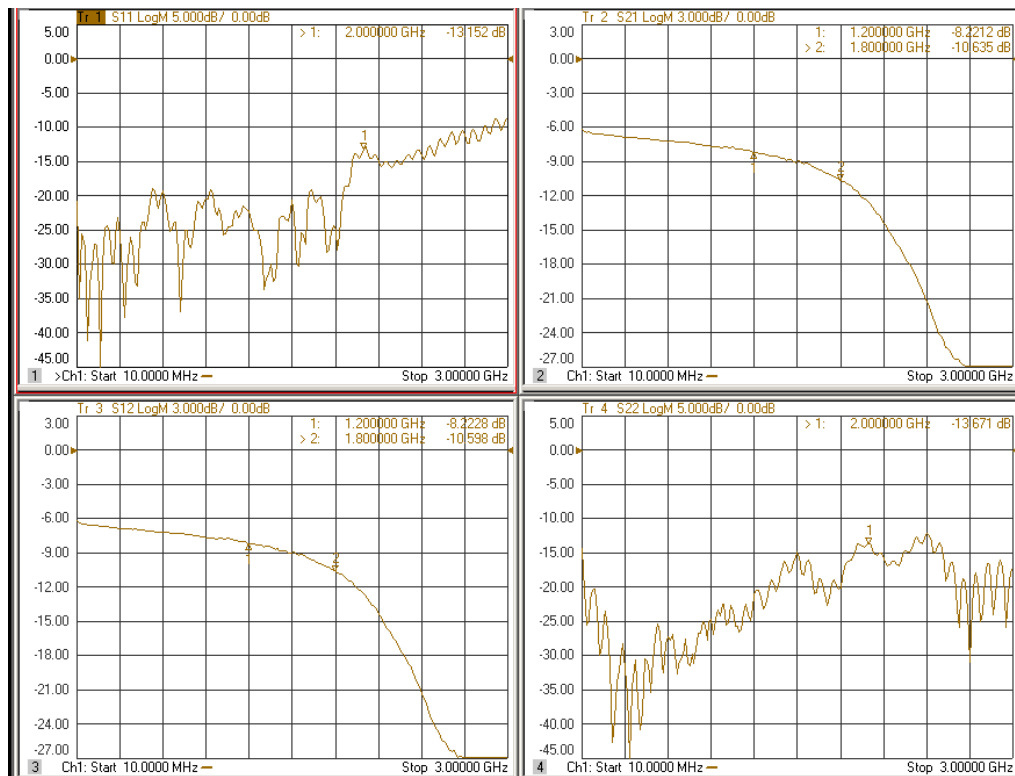


Figure 252: Scattering matrix for channel 5E, polarization y and output 6dB3.

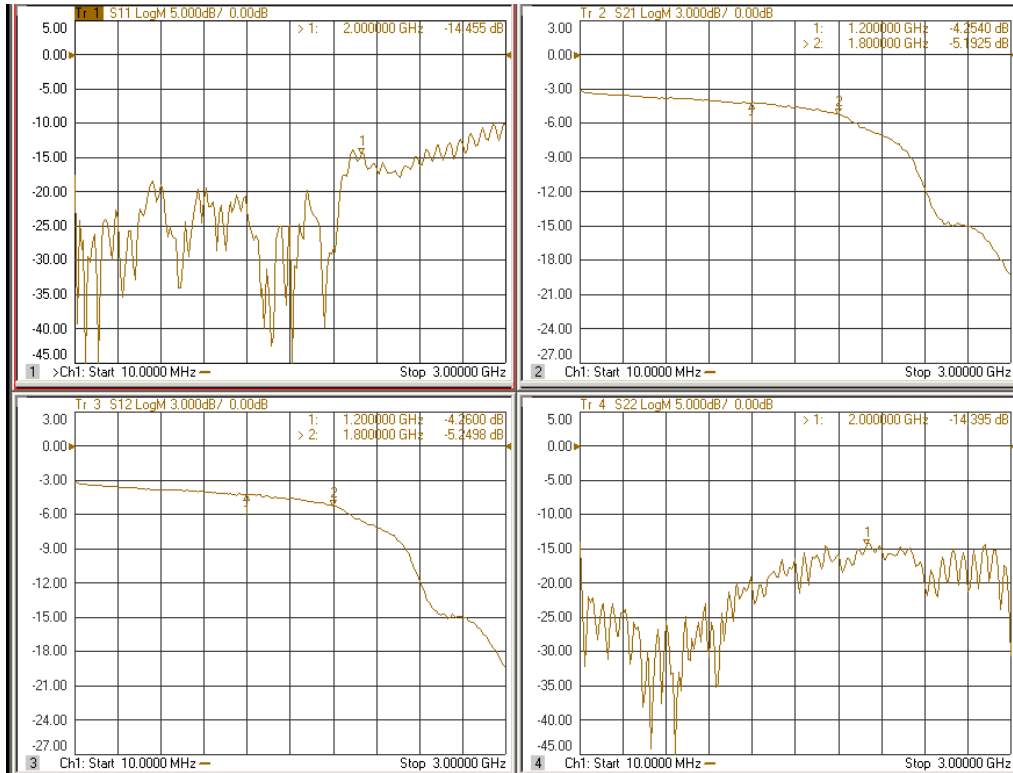


Figure 253: Scattering matrix for channel 5G, polarization x and output 3dB1.

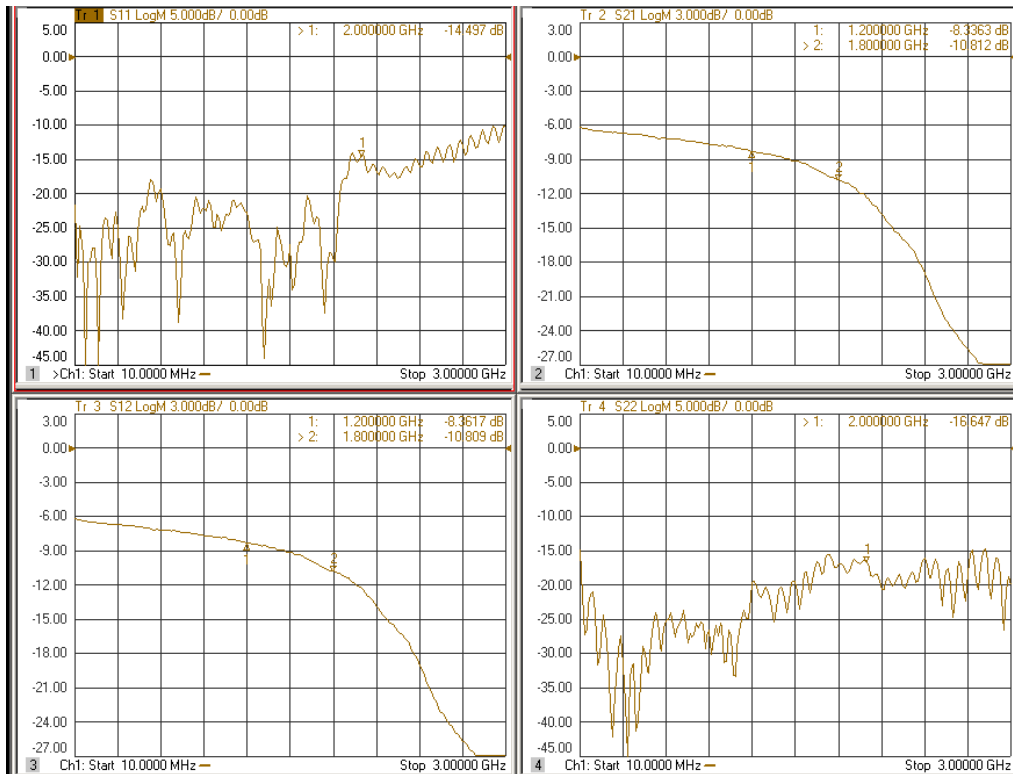


Figure 254: Scattering matrix for channel 5G, polarization x and output 6dB2.

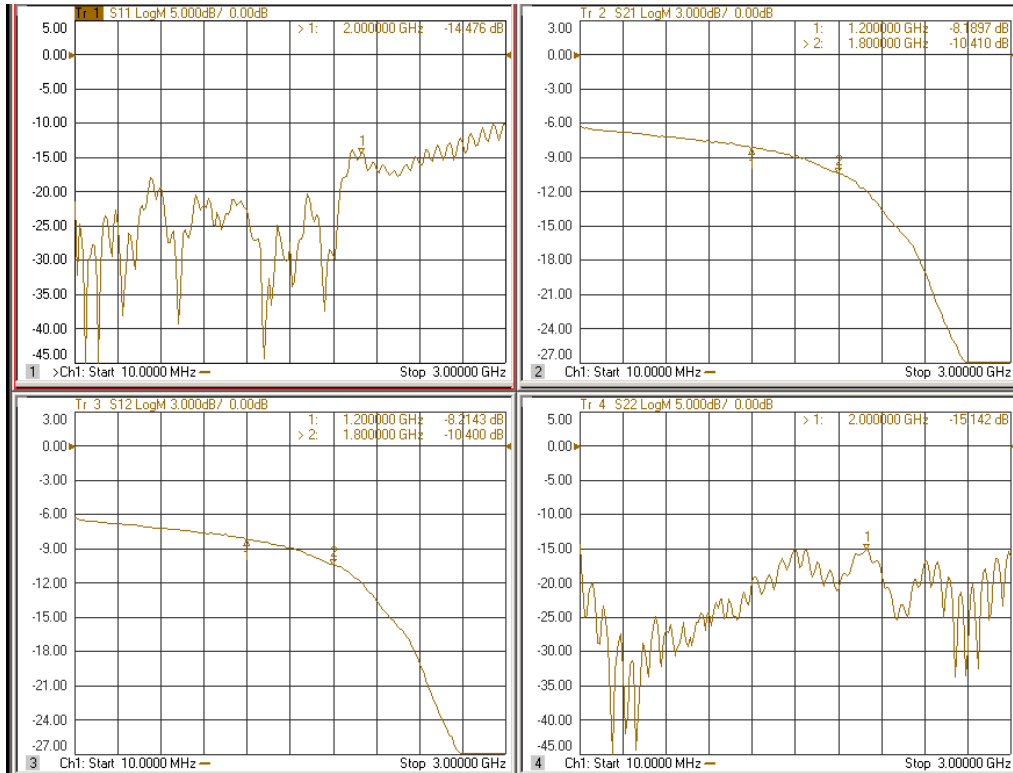


Figure 255: Scattering matrix for channel 5G, polarization x and output 6dB3.

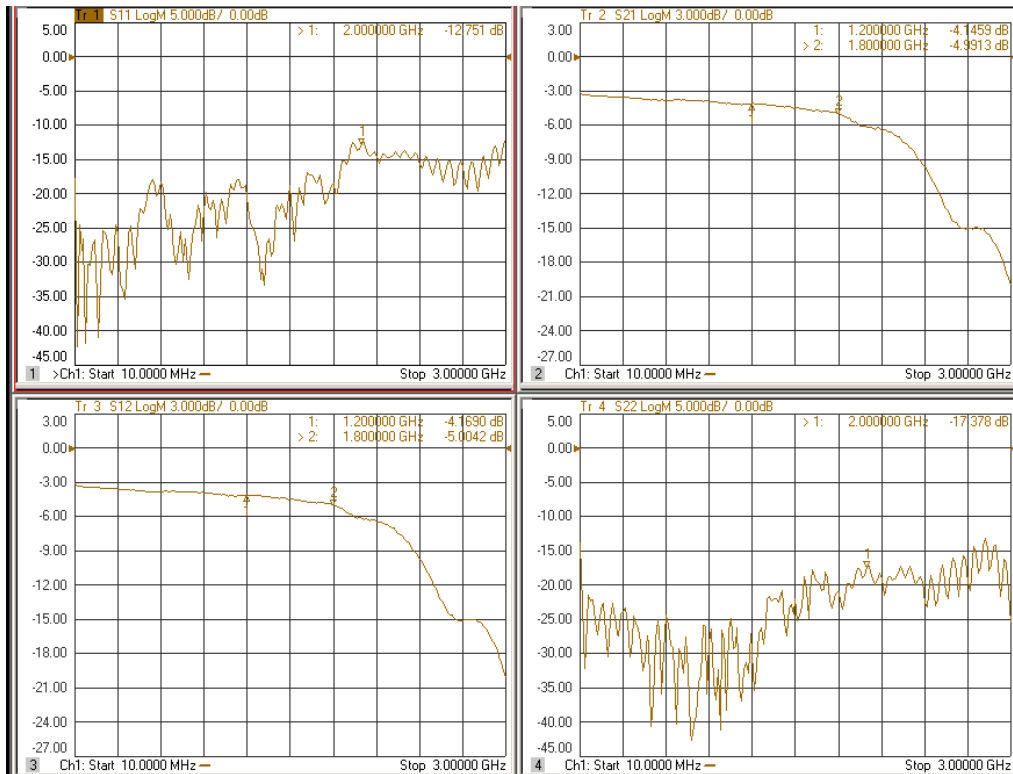


Figure 256: Scattering matrix for channel 5G, polarization y and output 3dB1.

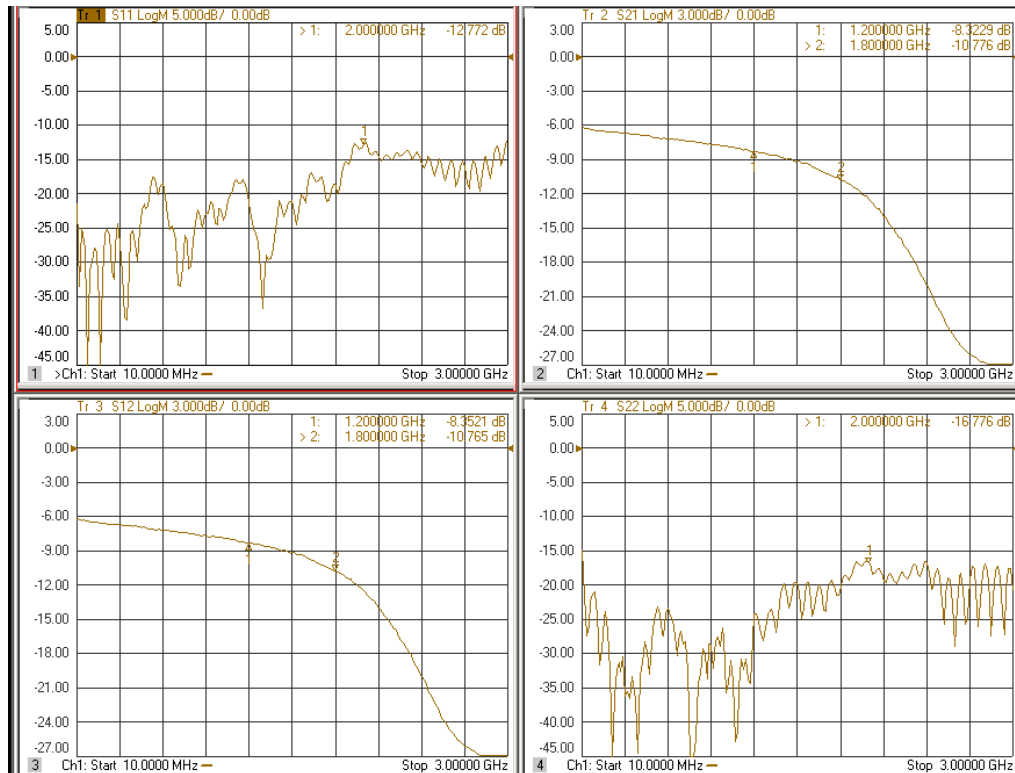


Figure 257: Scattering matrix for channel 5G, polarization y and output 6dB2.

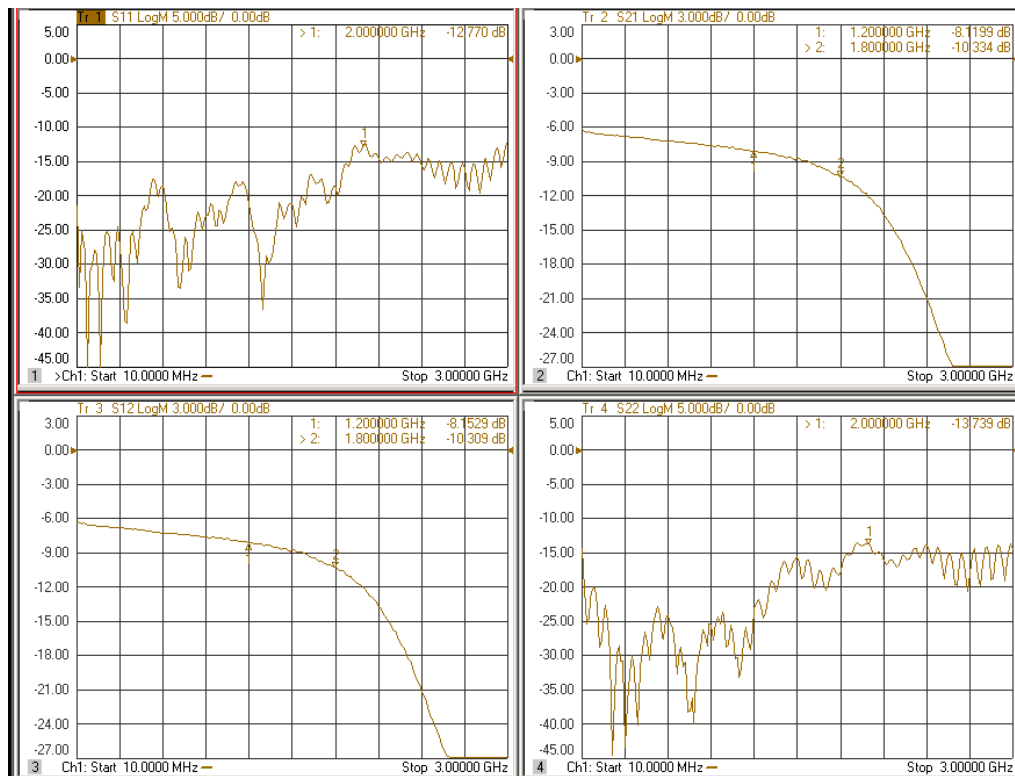


Figure 258: Scattering matrix for channel 5G, polarization y and output 6dB3.

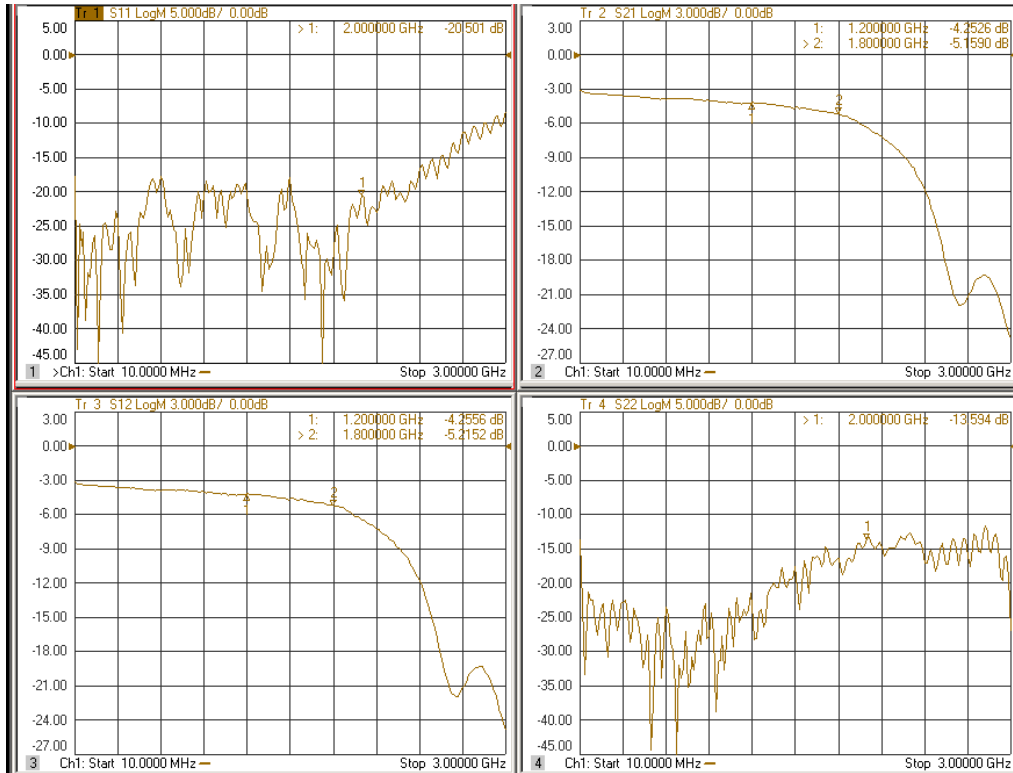


Figure 259: Scattering matrix for channel 5H, polarization x and output 3dB1.

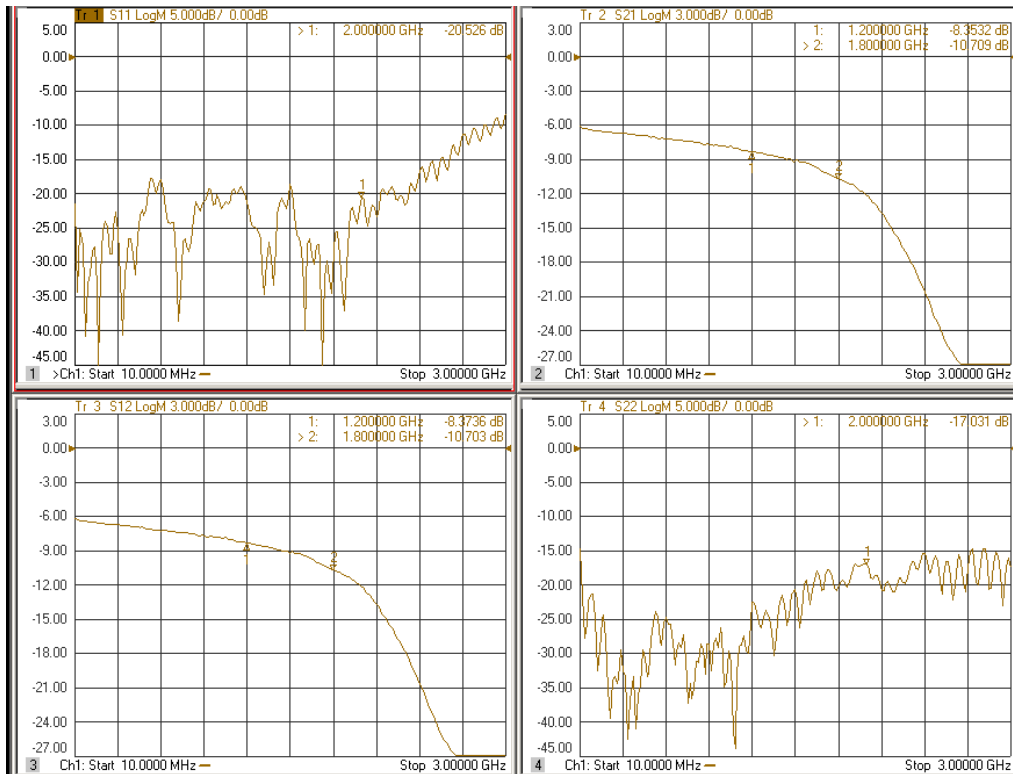


Figure 260: Scattering matrix for channel 5H, polarization x and output 6dB2.

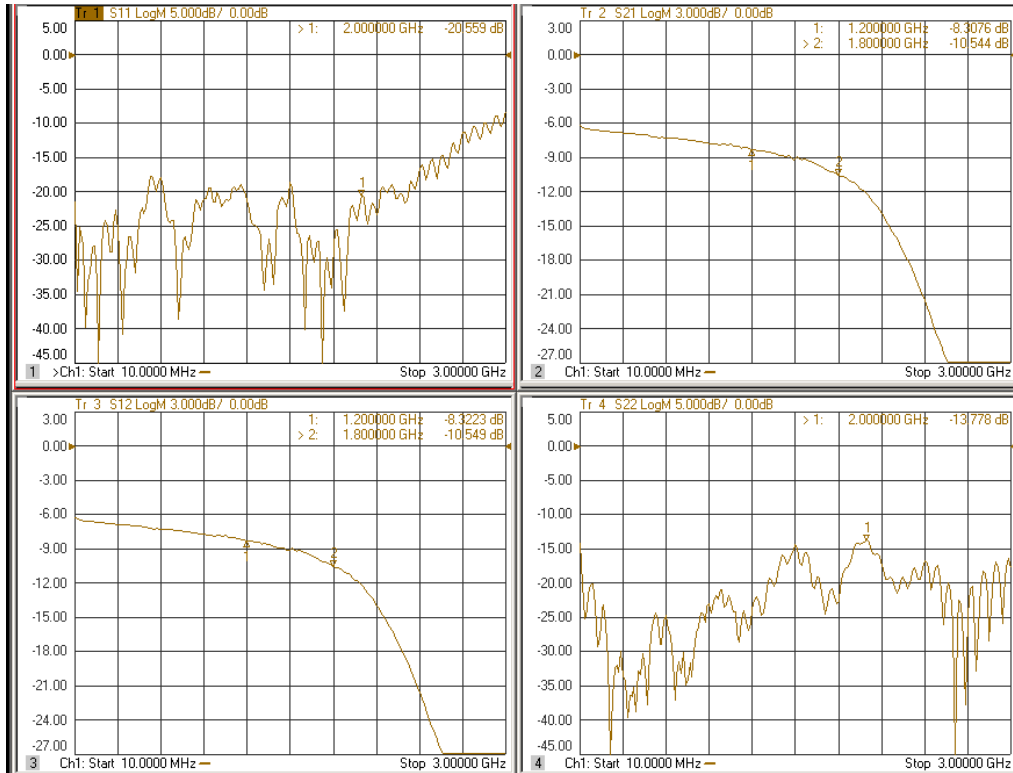


Figure 261: Scattering matrix for channel 5H, polarization x and output 6dB3.

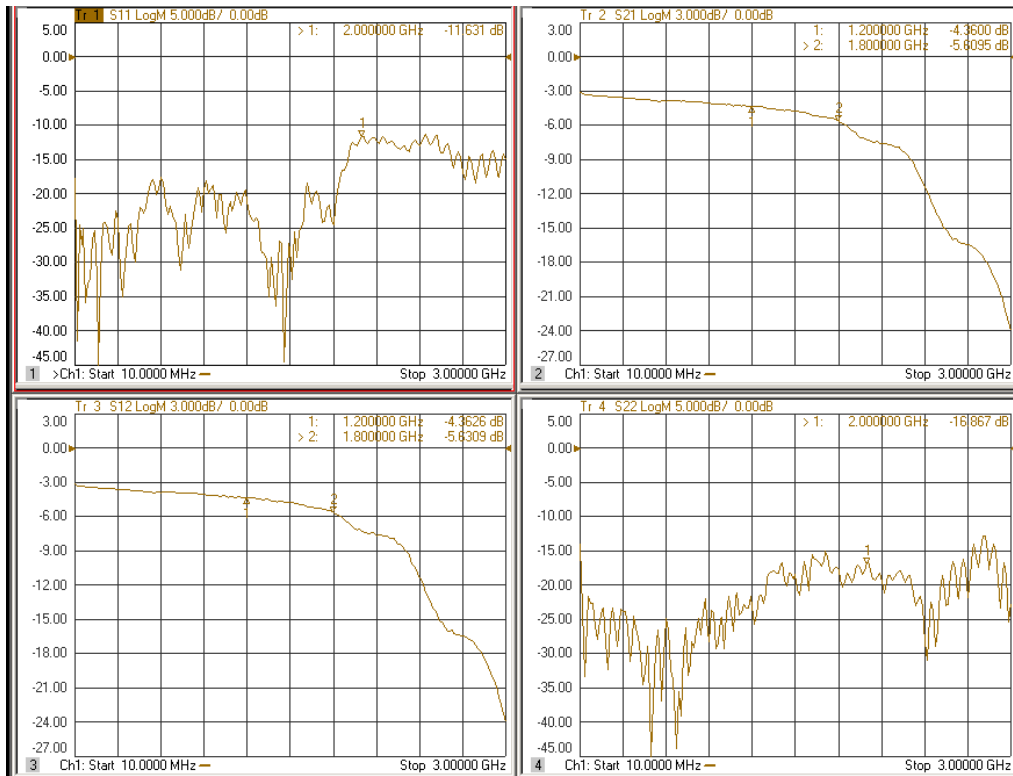


Figure 262: Scattering matrix for channel 5H, polarization y and output 3dB1.

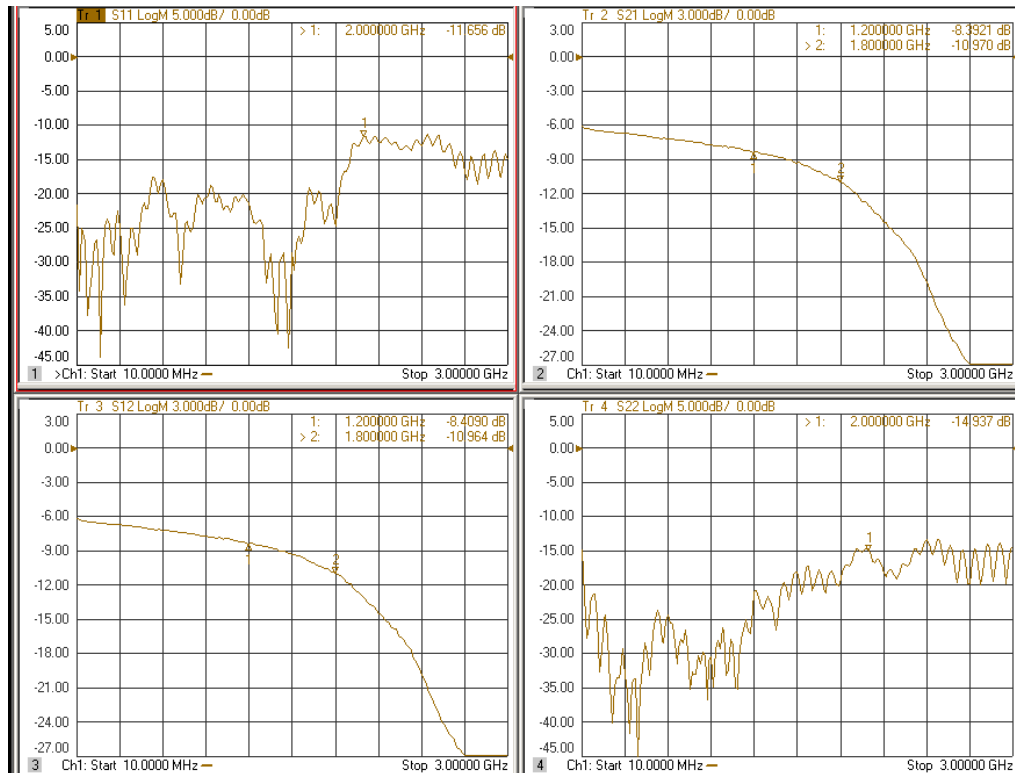


Figure 263: Scattering matrix for channel 5H, polarization y and output 6dB2.

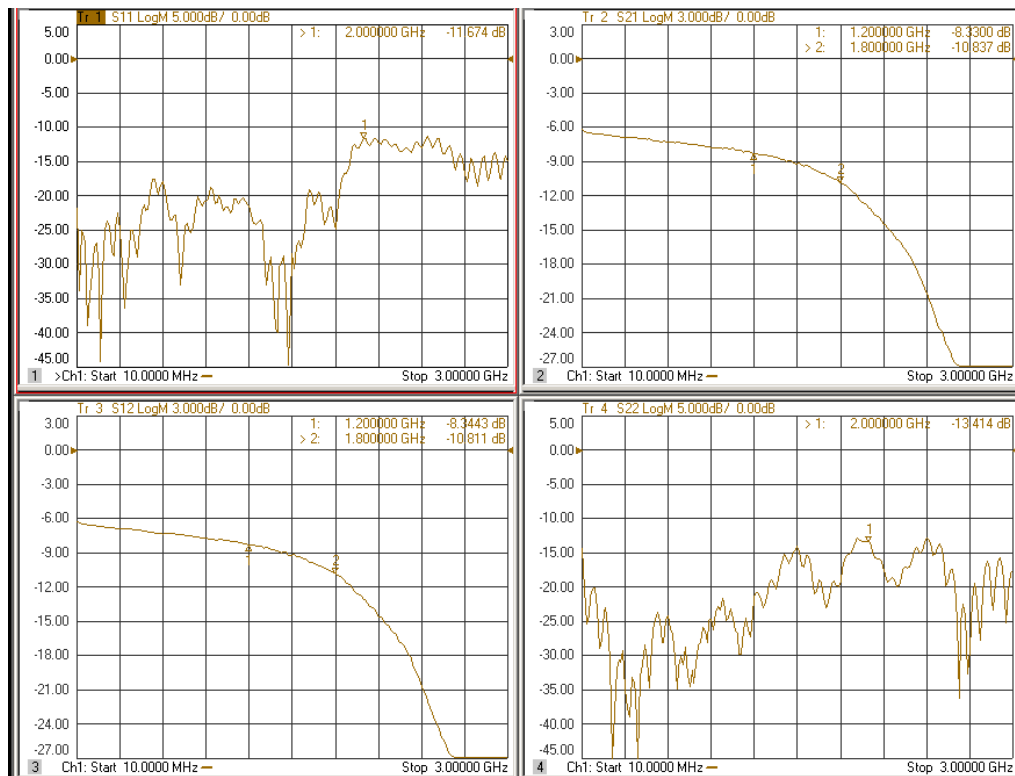


Figure 264: Scattering matrix for channel 5H, polarization y and output 6dB3.

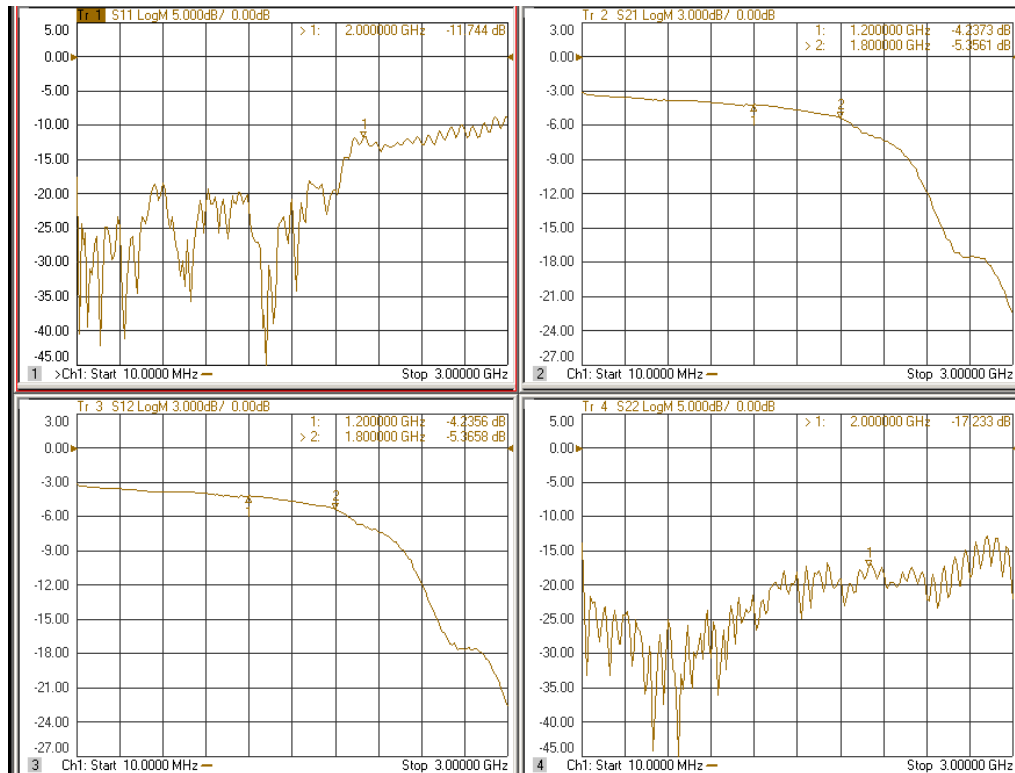


Figure 265: Scattering matrix for channel Ib, polarization x and output 3dB1.

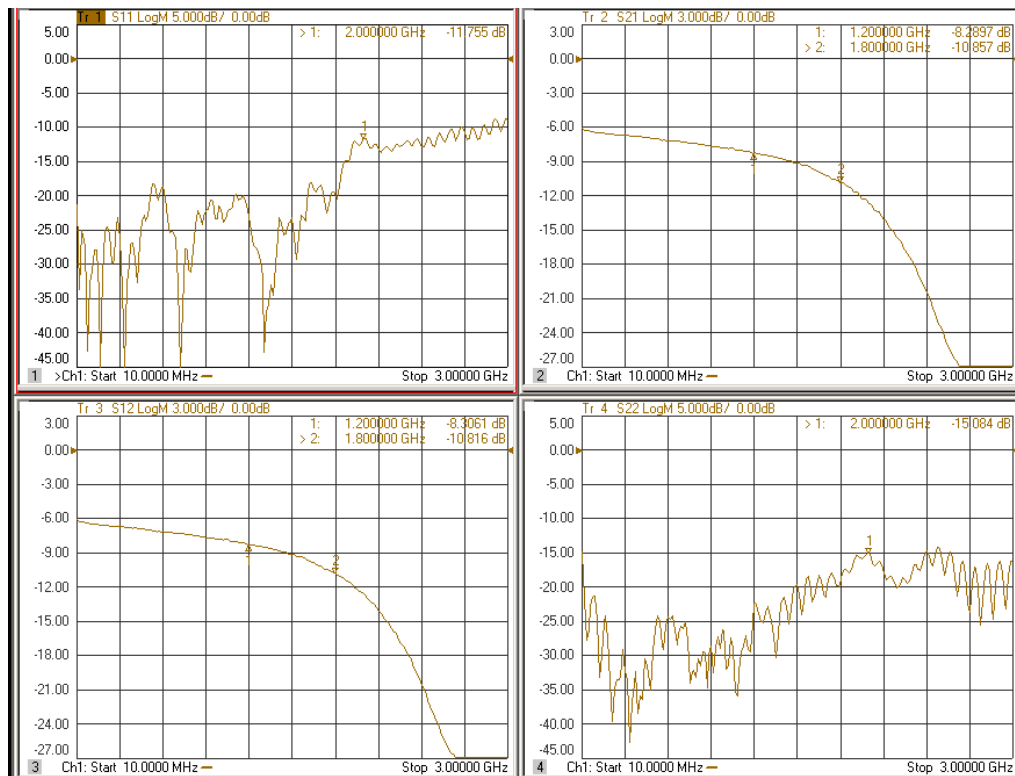


Figure 266: Scattering matrix for channel Ib, polarization x and output 6dB2.

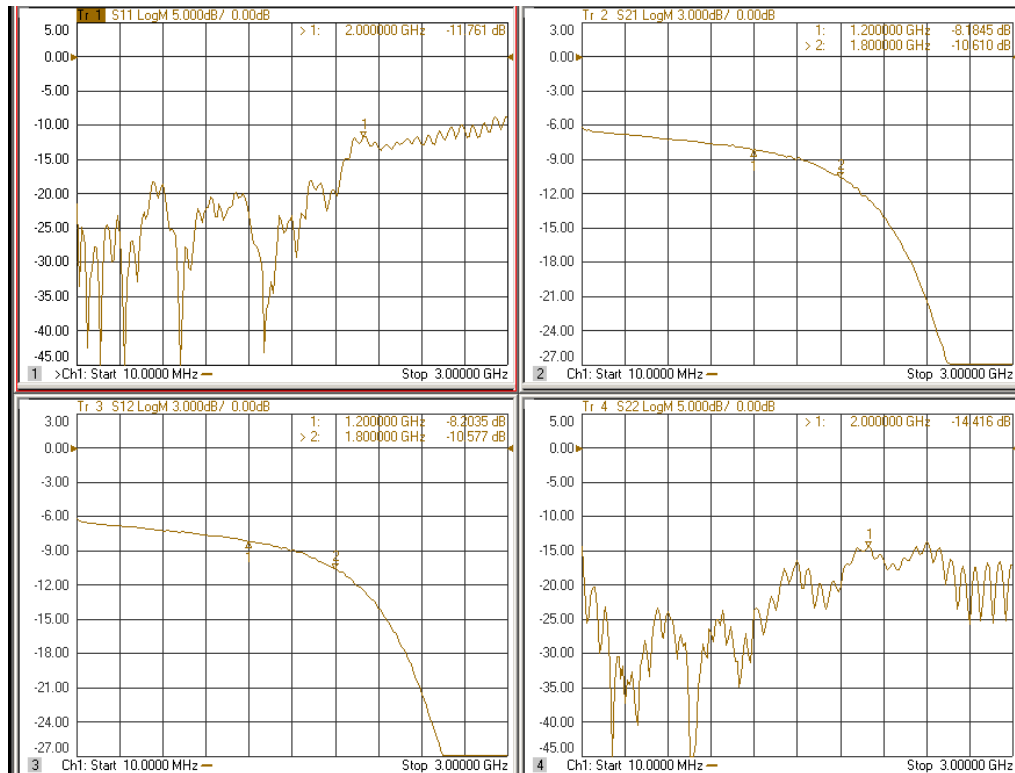


Figure 267: Scattering matrix for channel Ib, polarization x and output 6dB3.

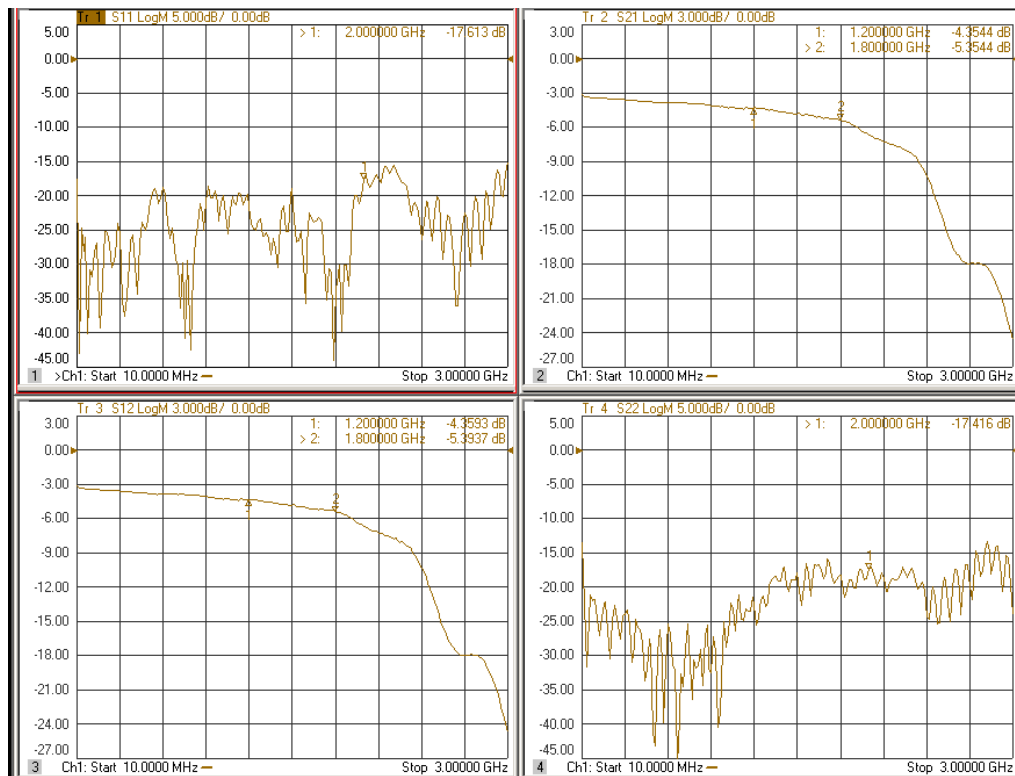


Figure 268: Scattering matrix for channel Ib, polarization y and output 3dB1.

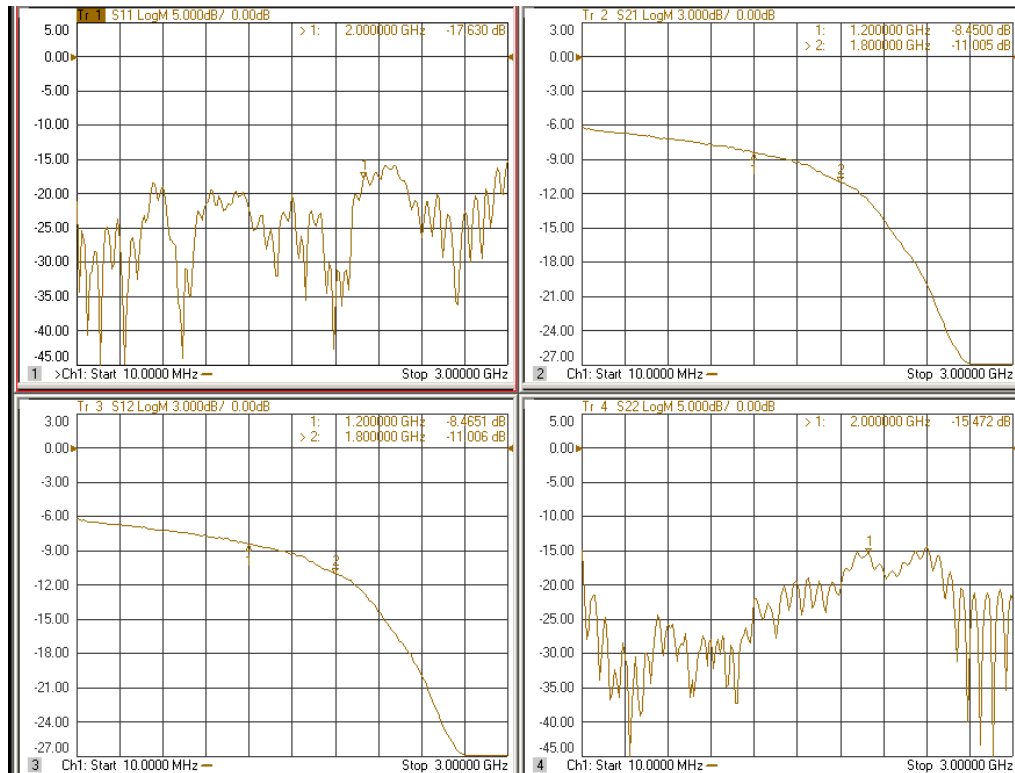


Figure 269: Scattering matrix for channel Ib, polarization y and output 6dB2.

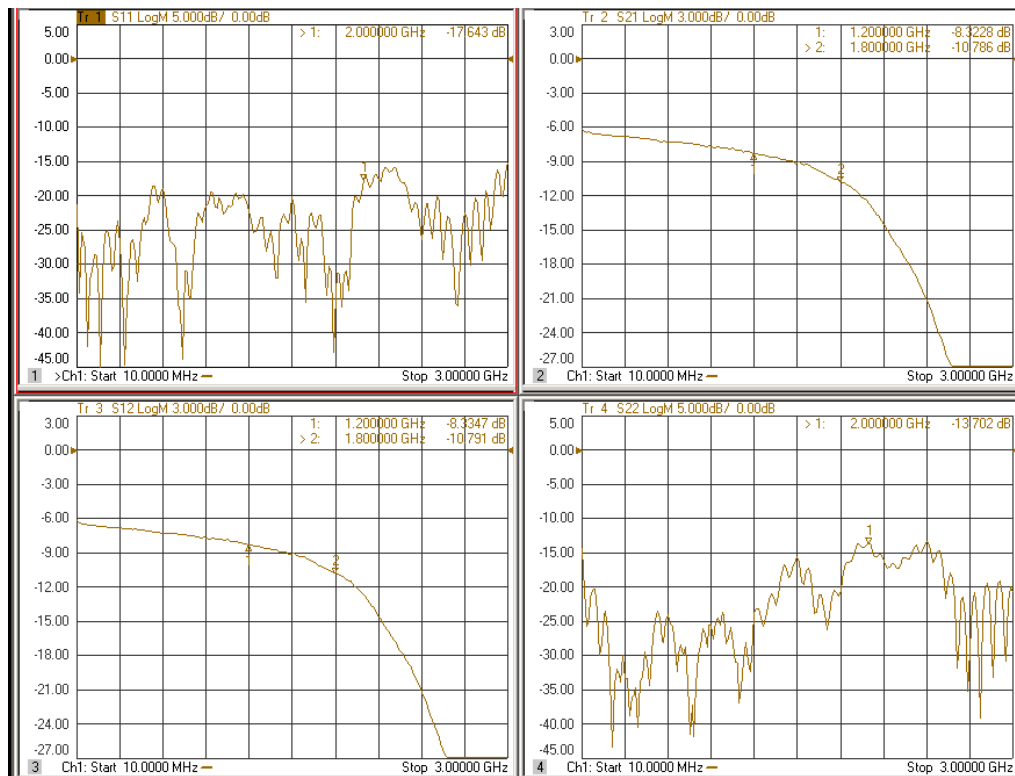


Figure 270: Scattering matrix for channel Ib, polarization y and output 6dB3.

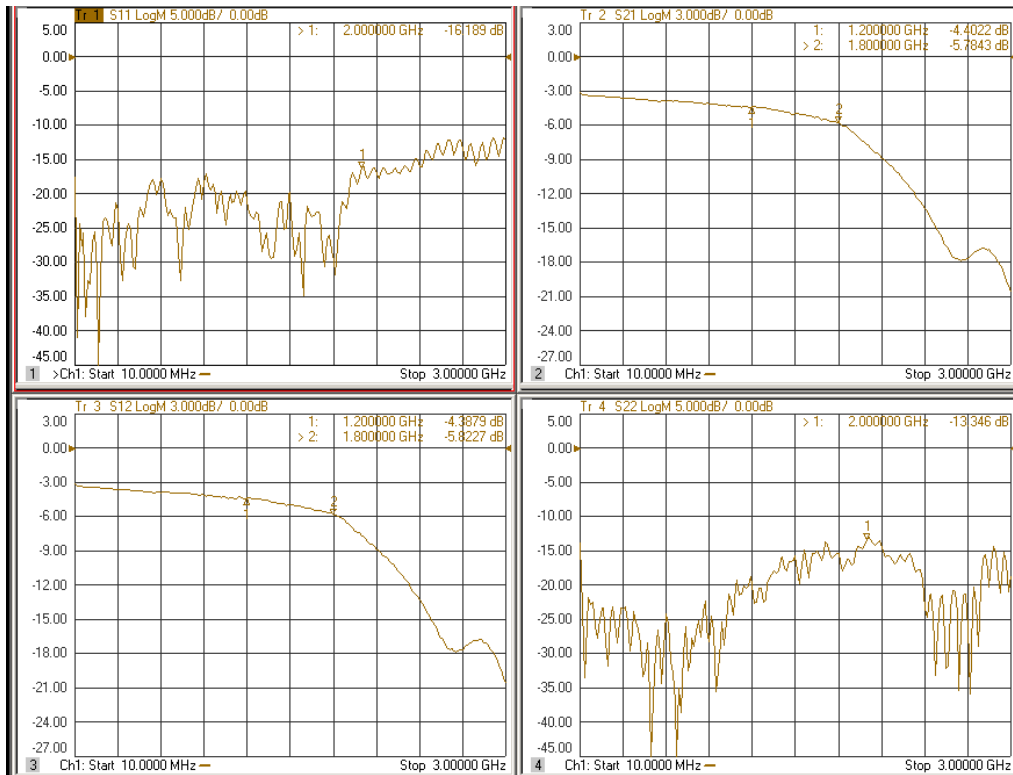


Figure 271: Scattering matrix for channel I Ib, polarization x and output 3dB1.

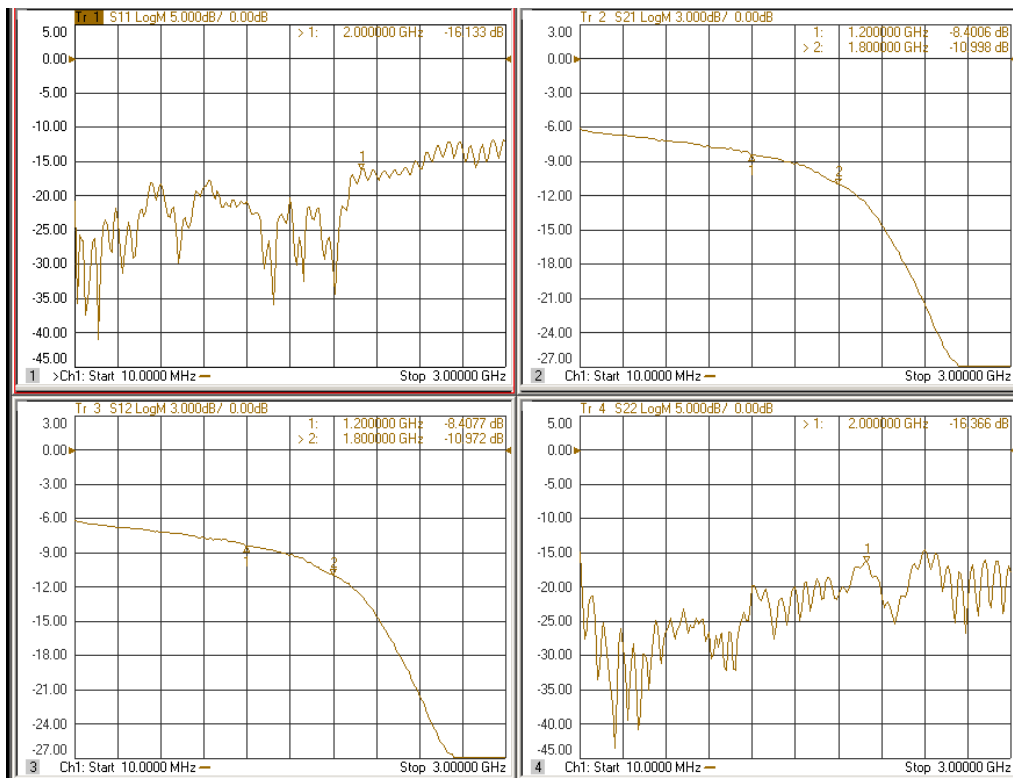


Figure 272: Scattering matrix for channel I Ib, polarization x and output 6dB2.

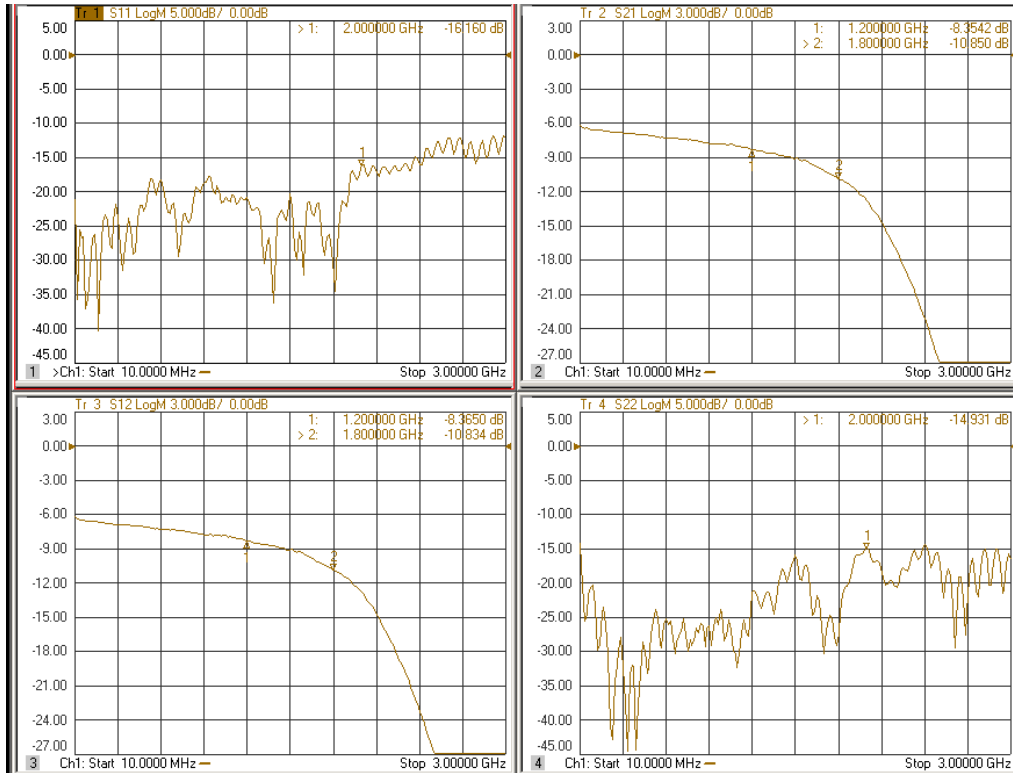


Figure 273: Scattering matrix for channel I Ib, polarization x and output 6dB3.

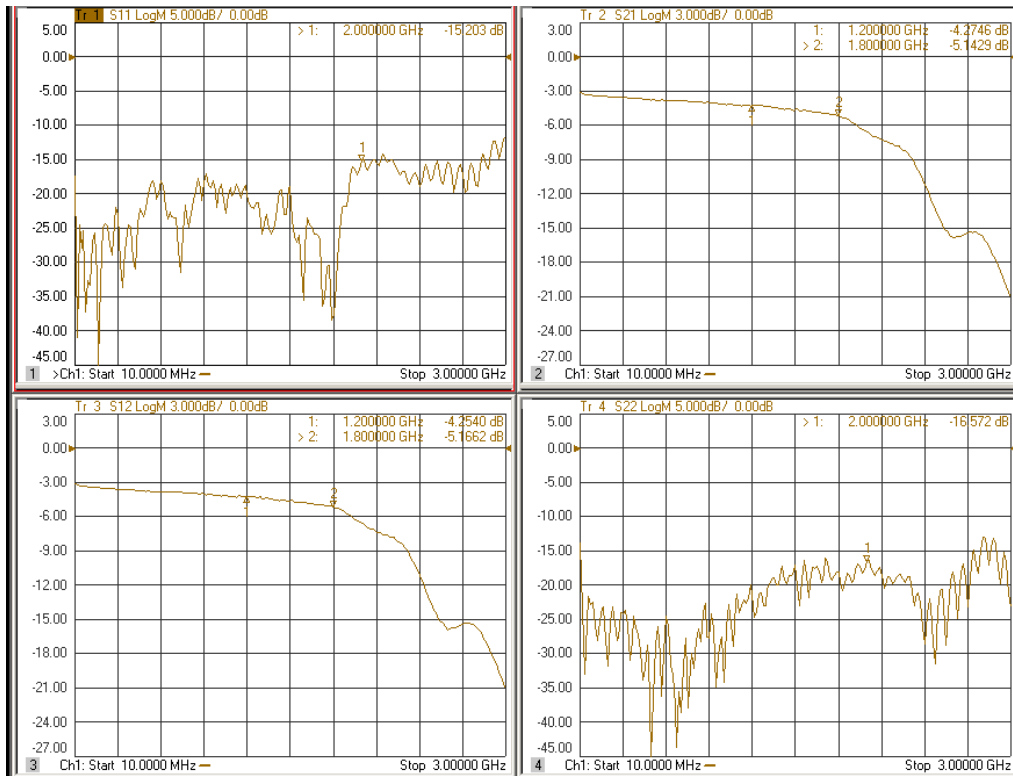


Figure 274: Scattering matrix for channel I Ib, polarization y and output 3dB1.

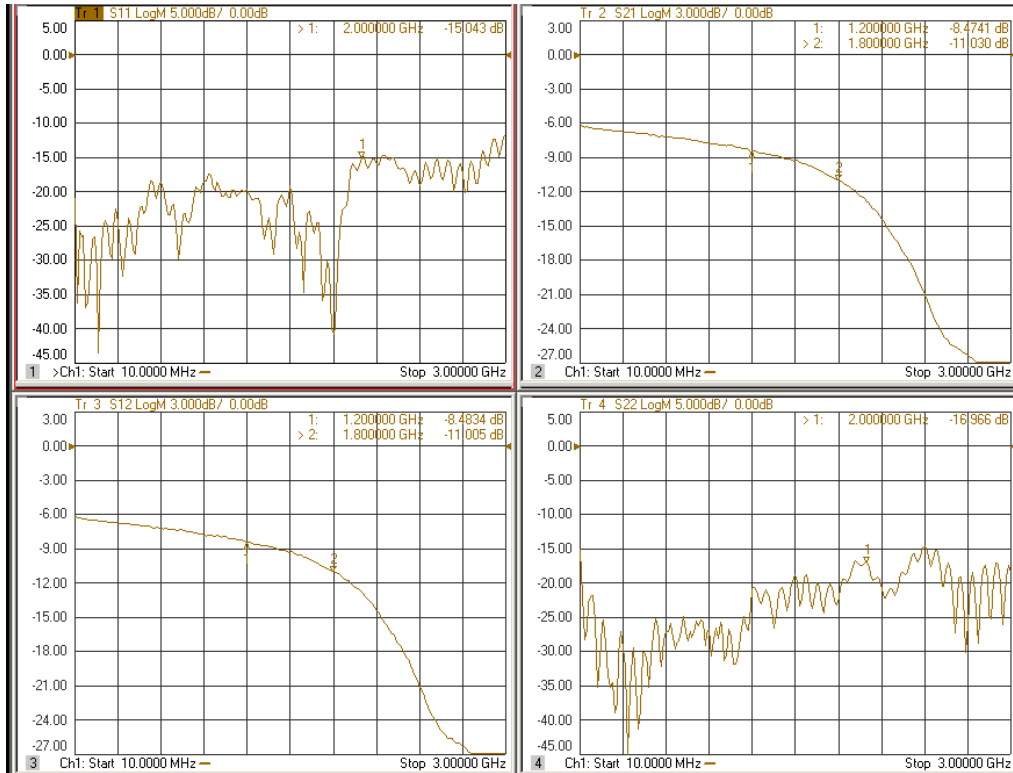


Figure 275: Scattering matrix for channel I Ib, polarization y and output 6dB2.

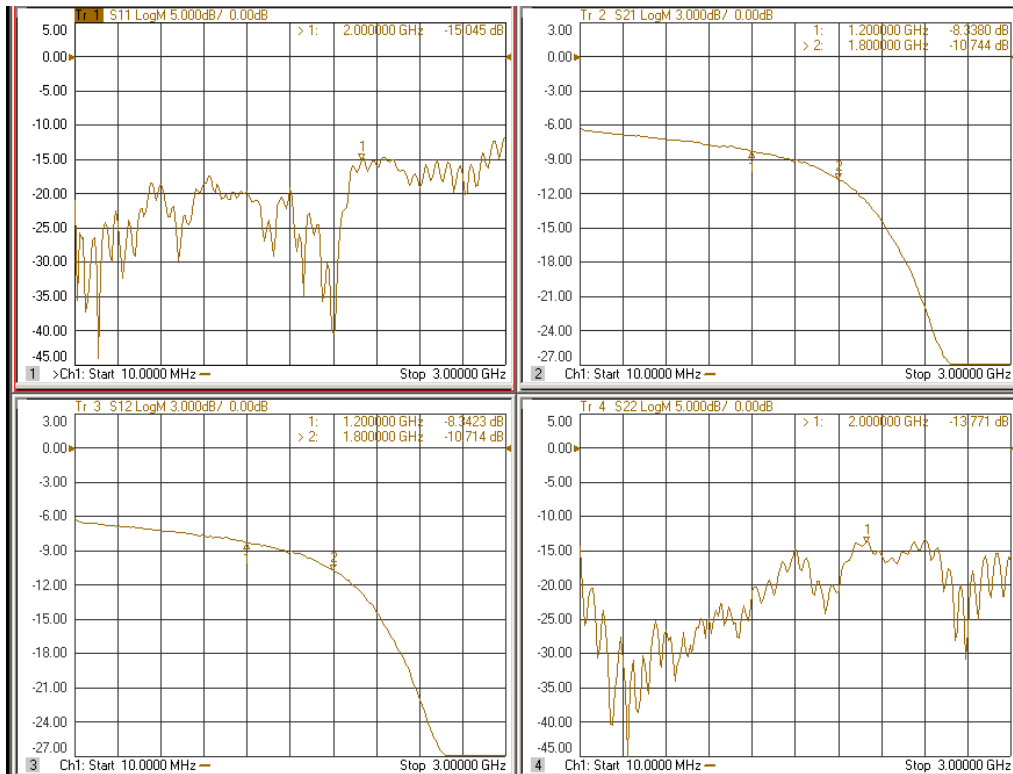


Figure 276: Scattering matrix for channel I Ib, polarization y and output 6dB3.

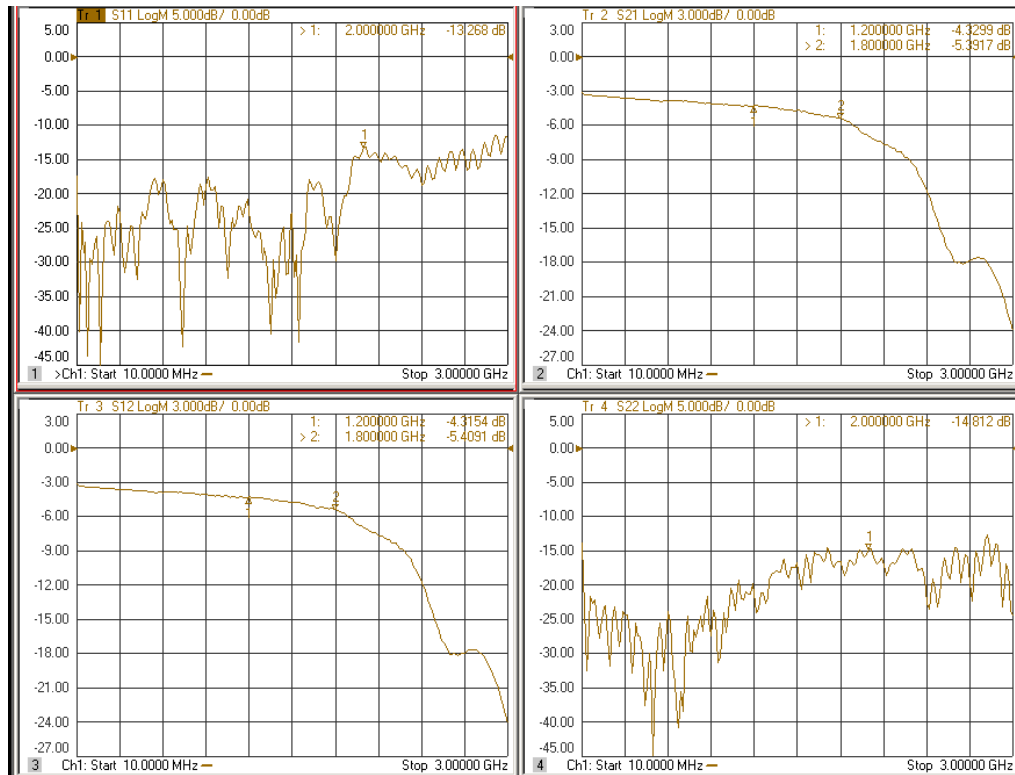


Figure 277: Scattering matrix for channel IIIb, polarization x and output 3dB1.

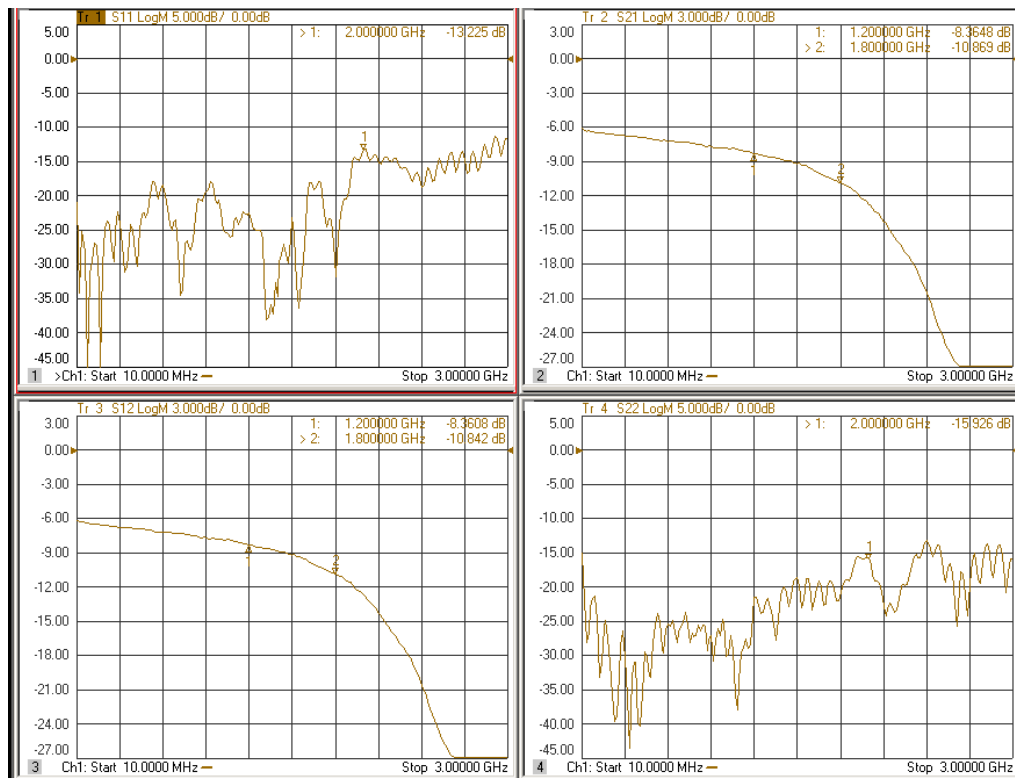


Figure 278: Scattering matrix for channel IIIb, polarization x and output 6dB2.

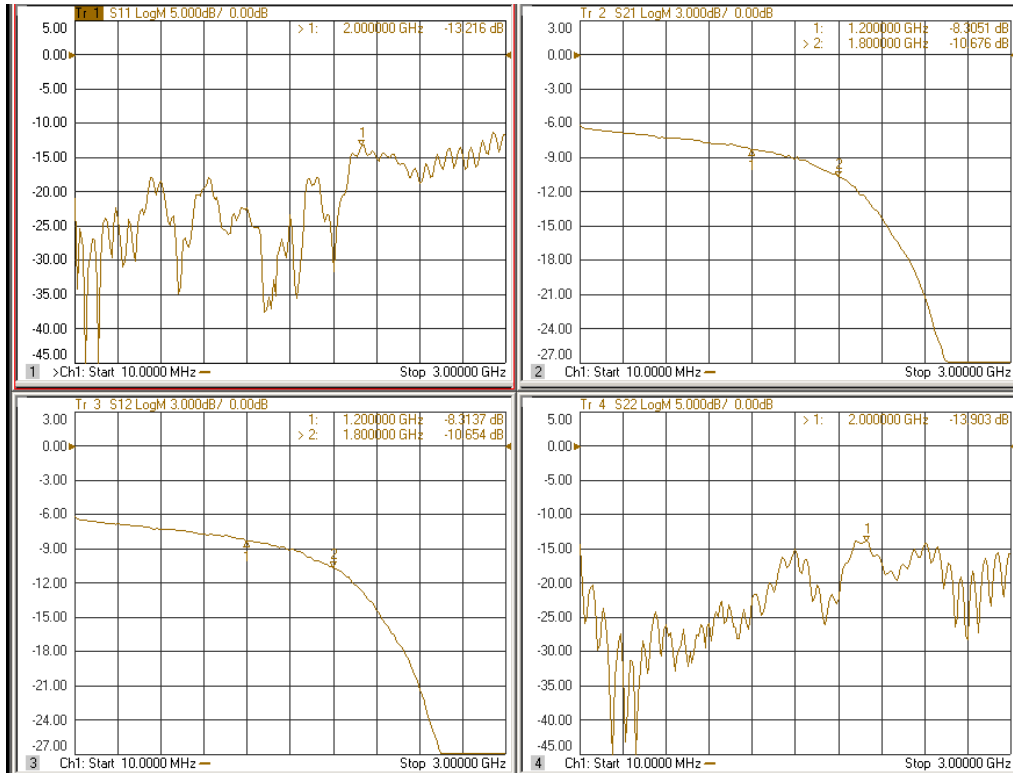


Figure 279: Scattering matrix for channel IIIb, polarization x and output 6dB3.

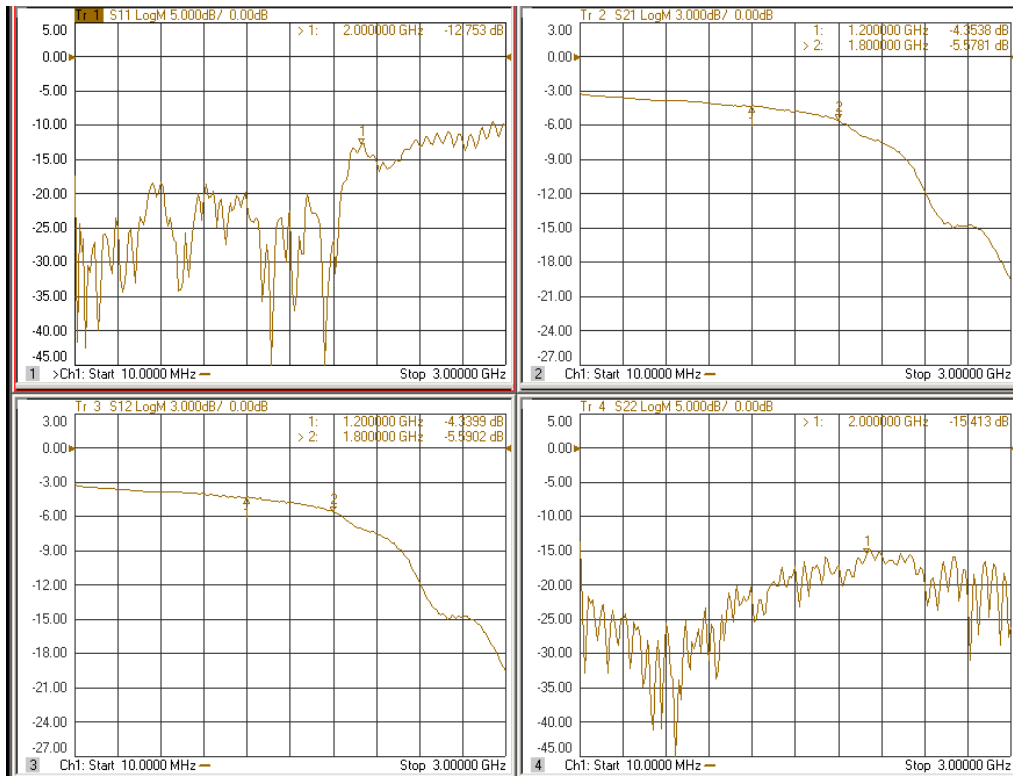


Figure 280: Scattering matrix for channel IIIb, polarization y and output 3dB1.

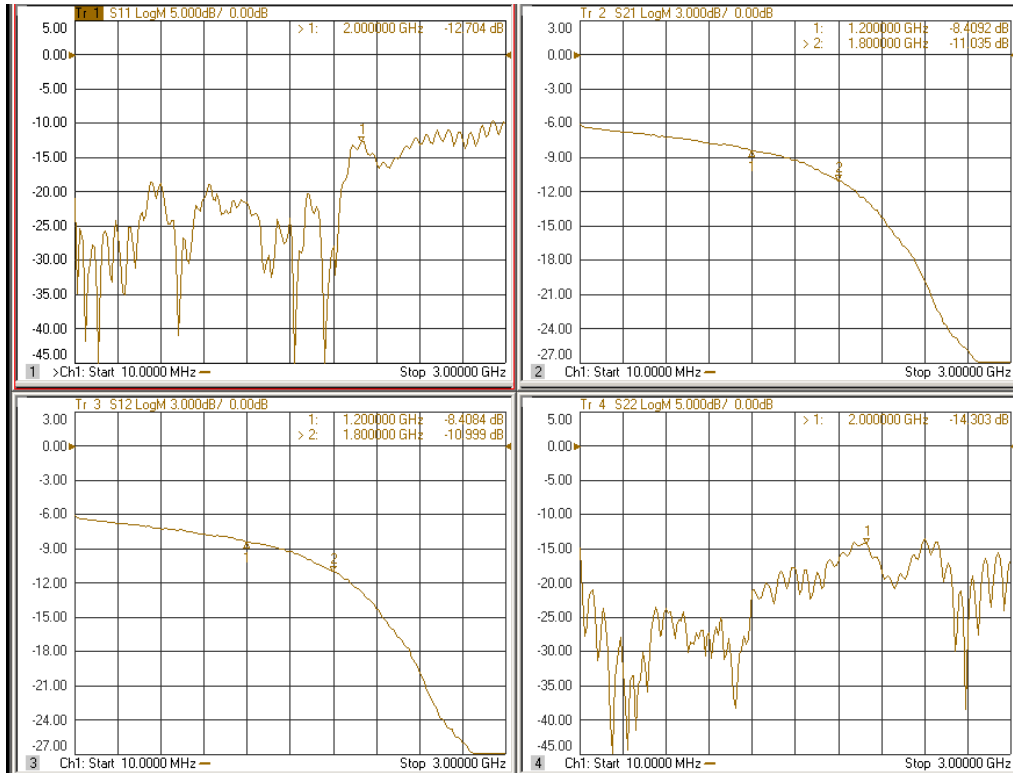


Figure 281: Scattering matrix for channel IIIb, polarization y and output 6dB2.

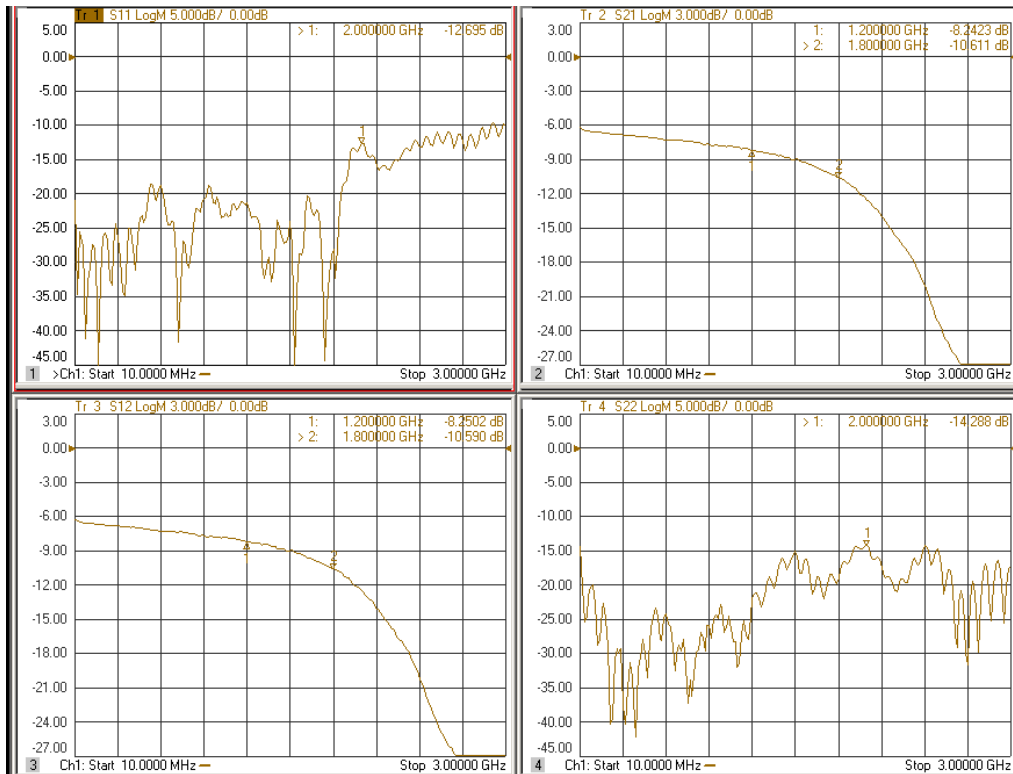


Figure 282: Scattering matrix for channel IIIb, polarization y and output 6dB3.

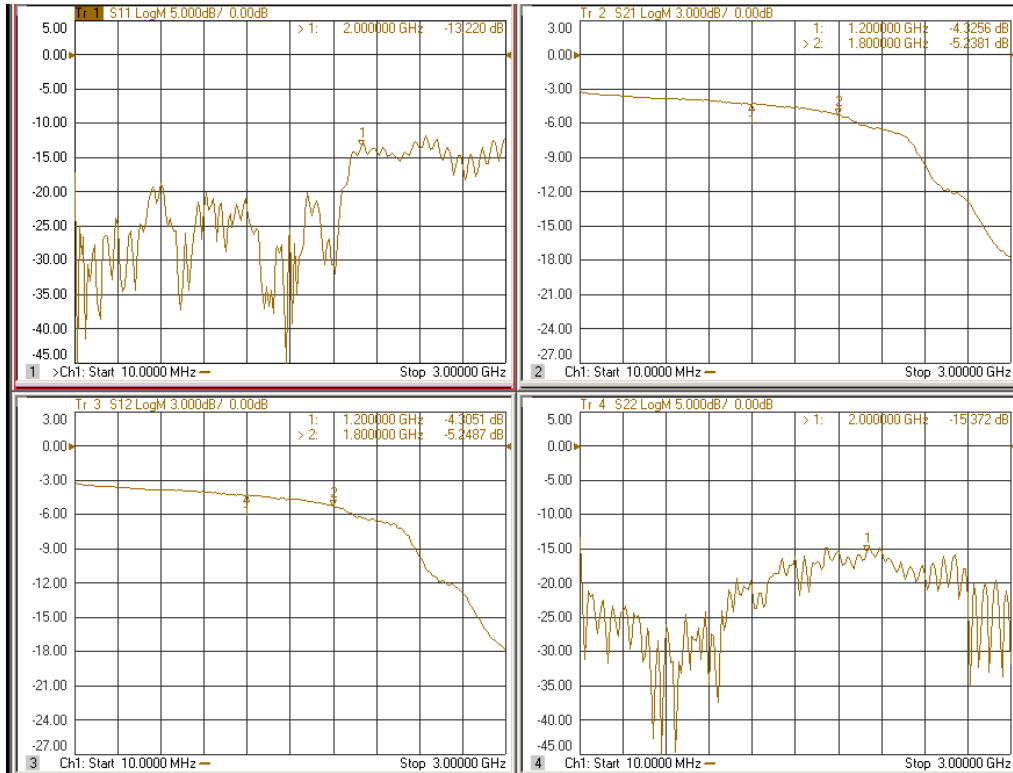


Figure 283: Scattering matrix for channel IVb, polarization x and output 3dB1.

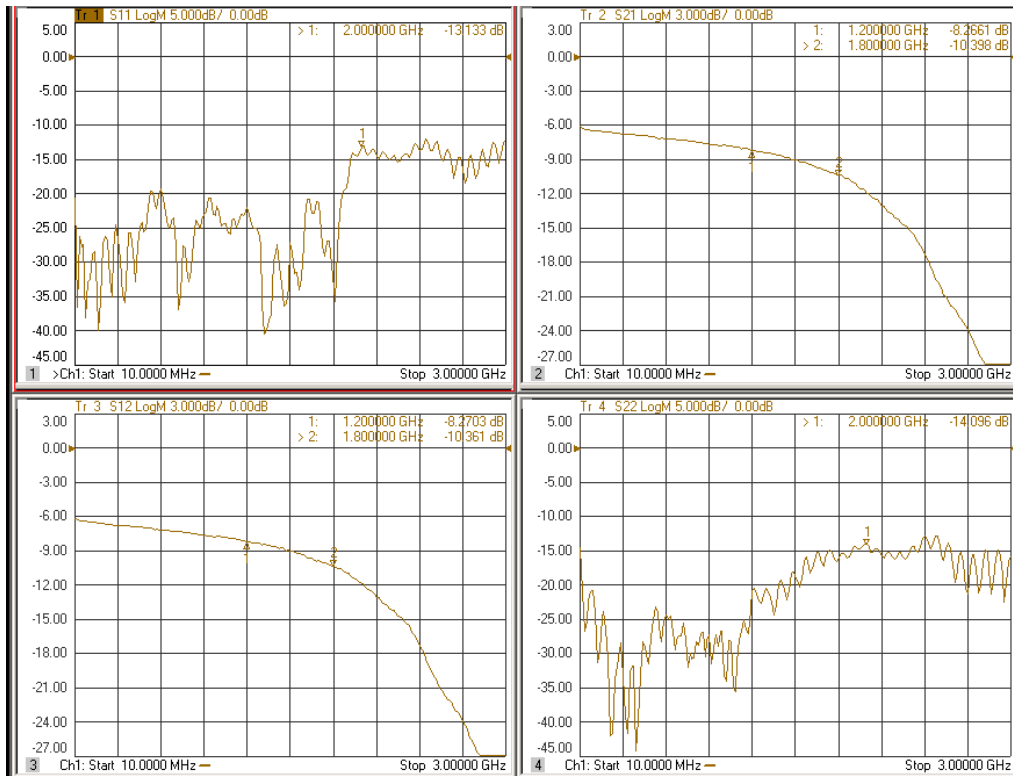


Figure 284: Scattering matrix for channel IVb, polarization x and output 6dB2.

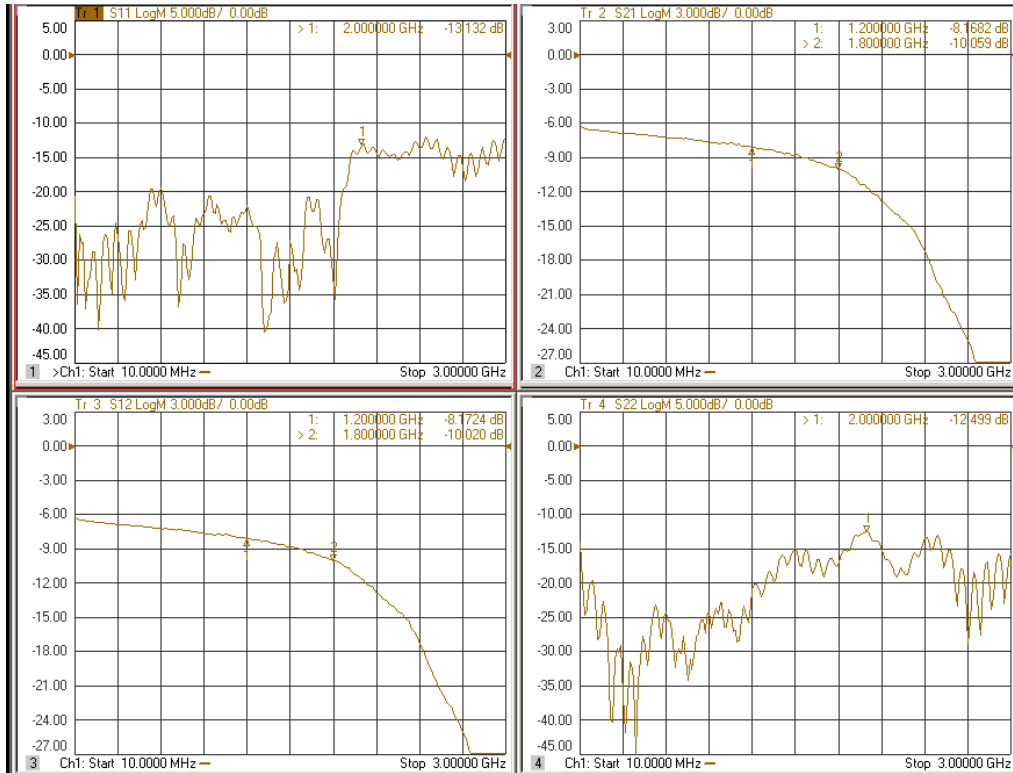


Figure 285: Scattering matrix for channel IVb, polarization x and output 6dB3.

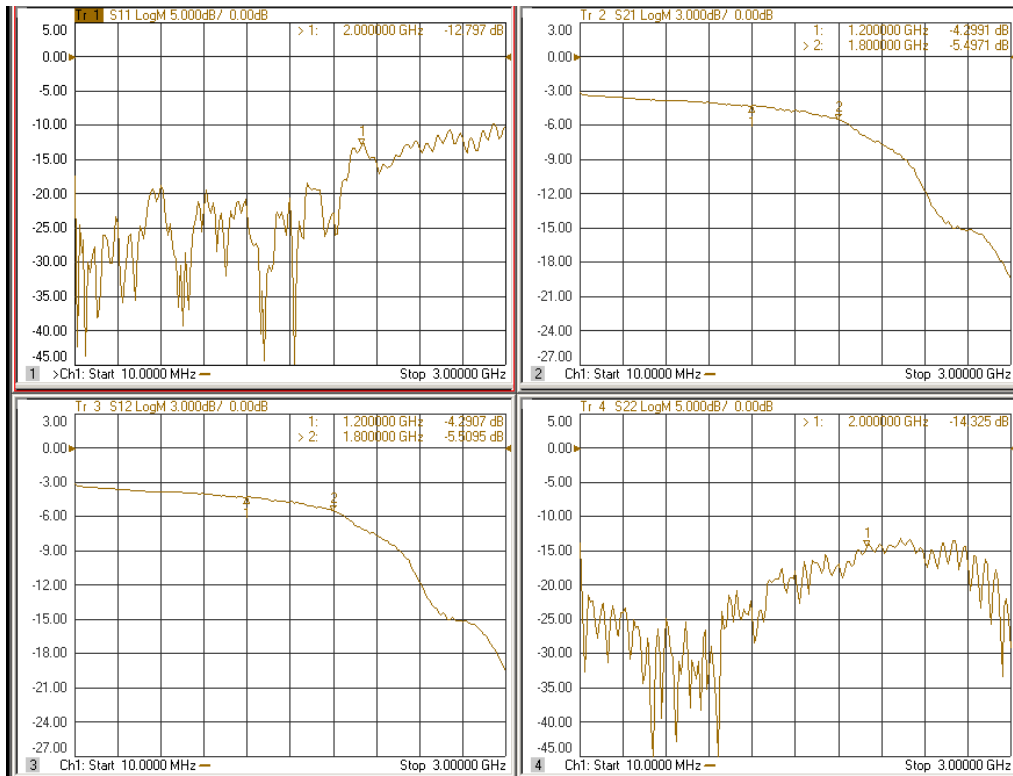


Figure 286: Scattering matrix for channel IVb, polarization y and output 3dB1.

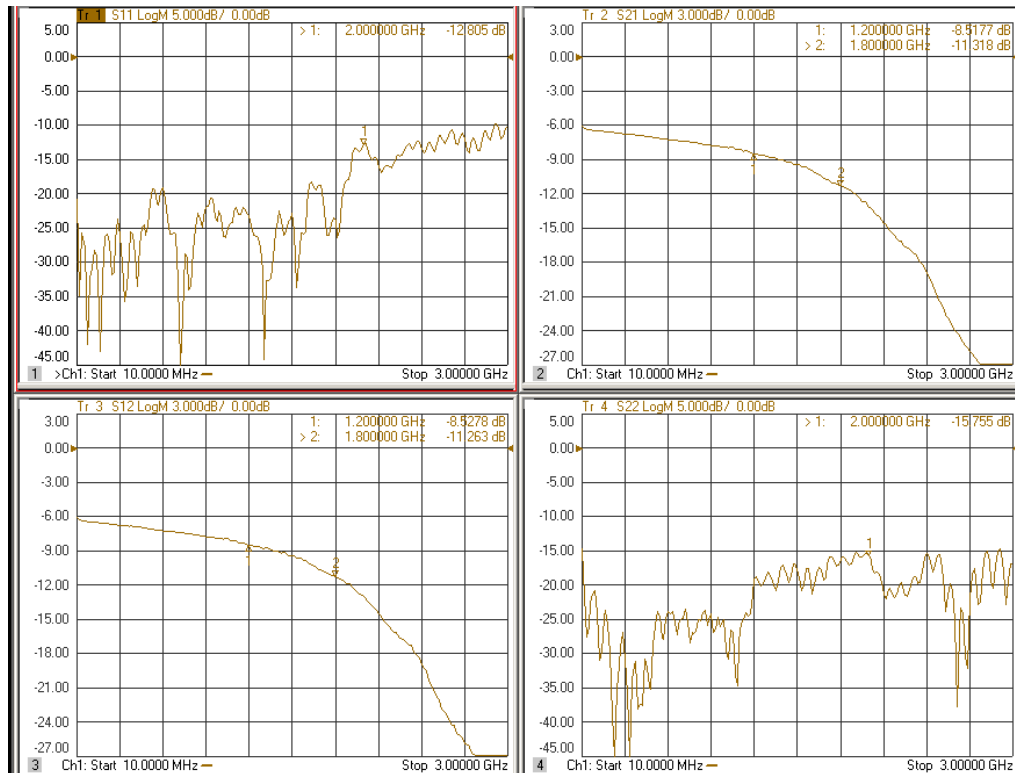


Figure 287: Scattering matrix for channel IVb, polarization y and output 6dB2.

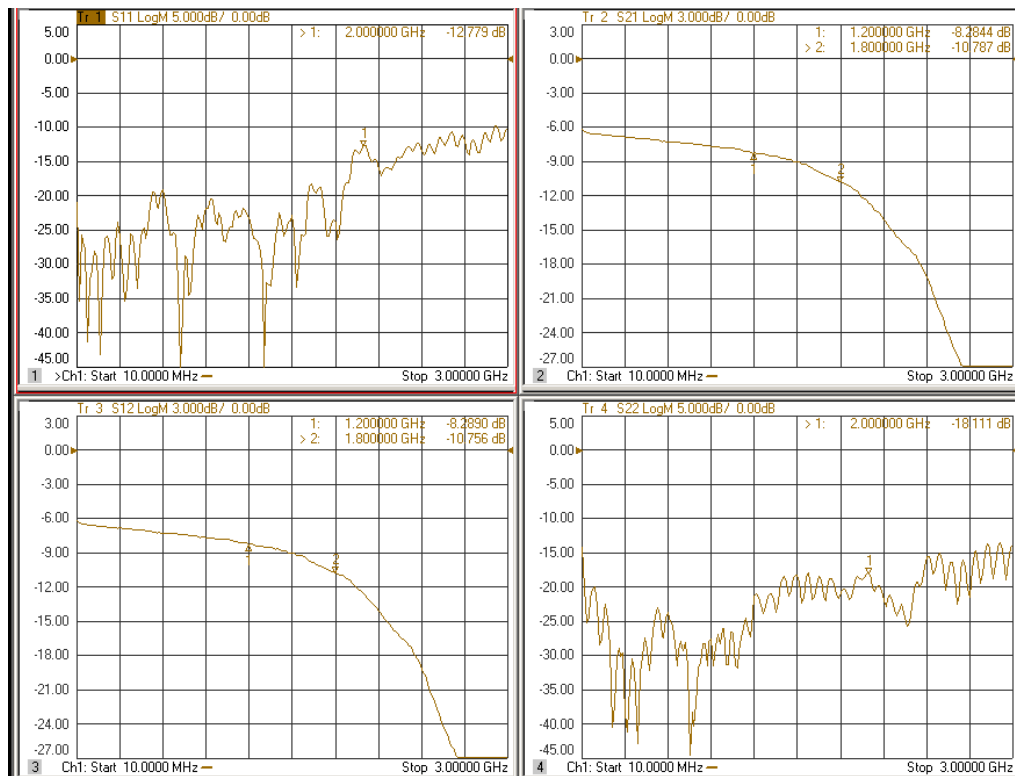


Figure 288: Scattering matrix for channel IVb, polarization y and output 6dB3.