

APPENDIX F

WIR110053

FCC90M Data

90.205 RF Power Output

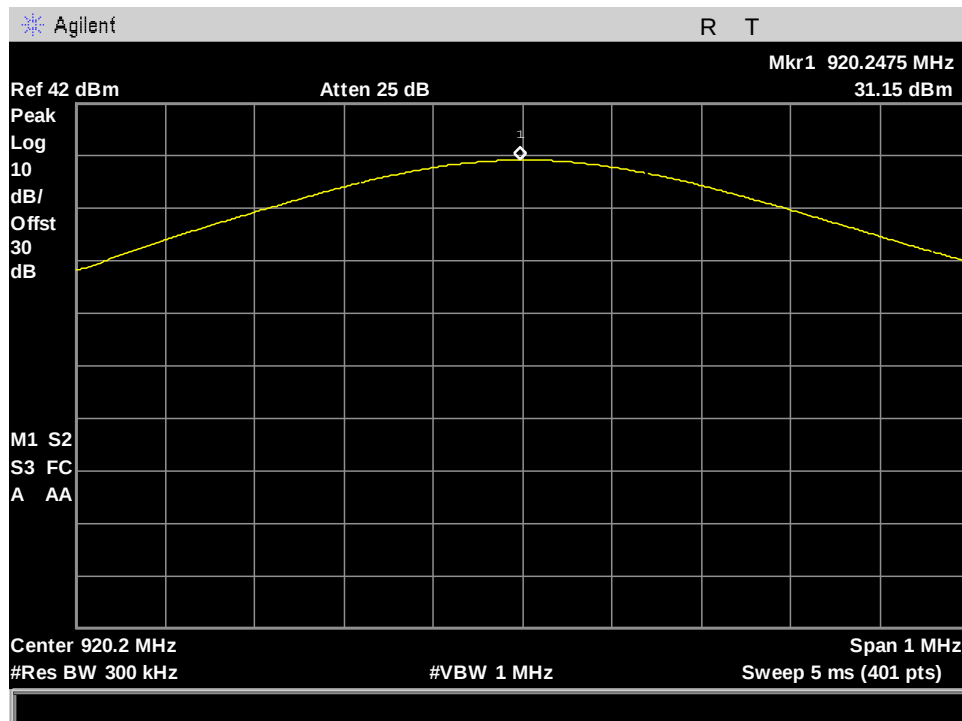


Figure 1. Part 90M_Dense_High Ch_920.25MHz_500KHz_Output Power_Port 2_31.8dBm

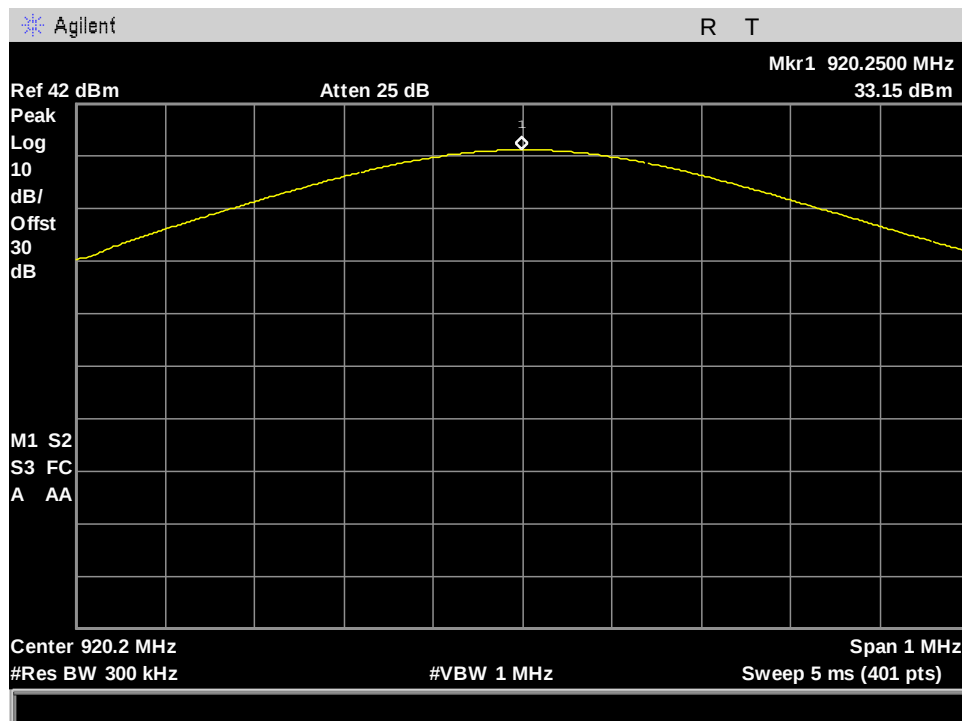


Figure 2. Part 90M_Dense_High Ch_920.25MHz_500KHz_Output Power_Port 2_33.8dBm

Maryland | California | Texas

www.metlabs.com

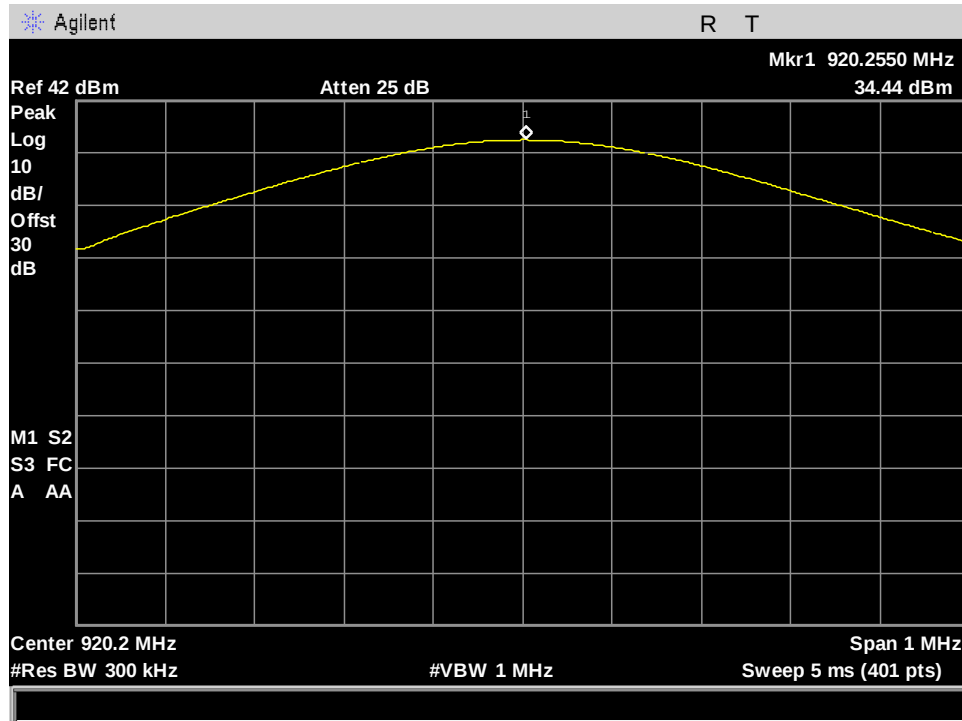


Figure 3. Part 90M_Dense_High Ch_920.25MHz_500KHz_Output Power_Port 2_35dBm

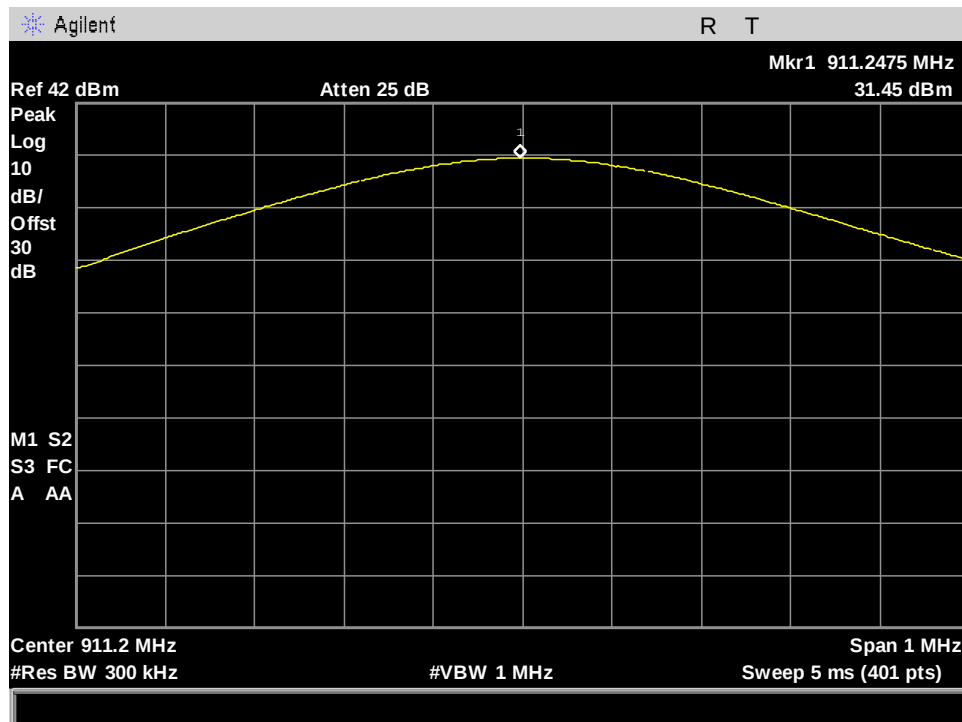


Figure 4. Part 90M_Dense_Low Ch_911.25MHz_500KHz_Output Power_Port 2_31.8dBm

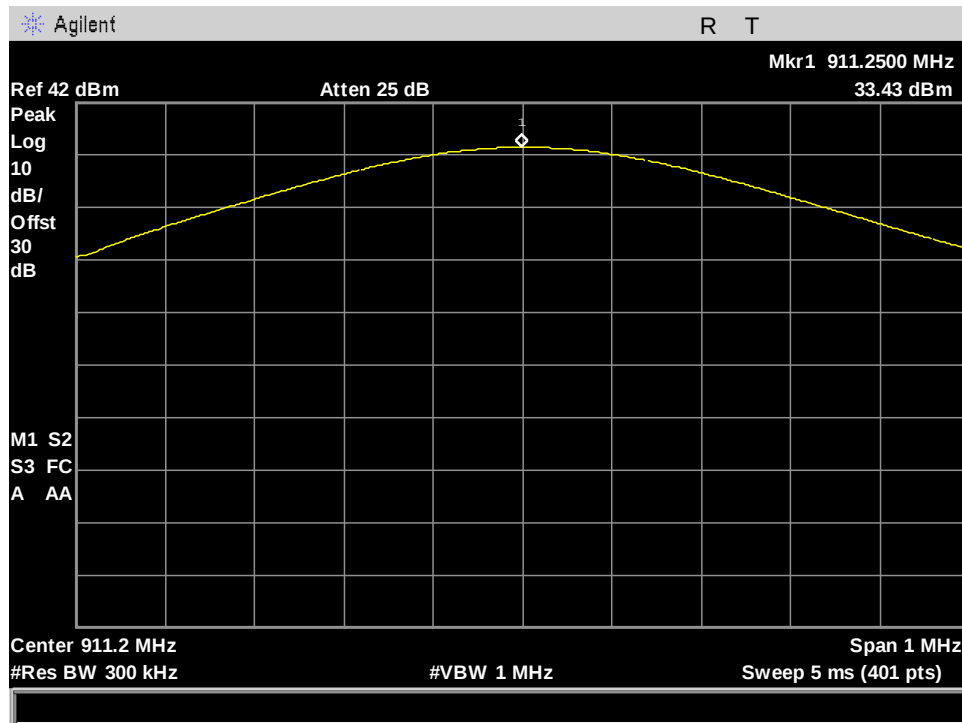


Figure 5.Part 90M_Dense_Low Ch_911.25MHz_500KHz_Output Power_Port 2_33.8dBm

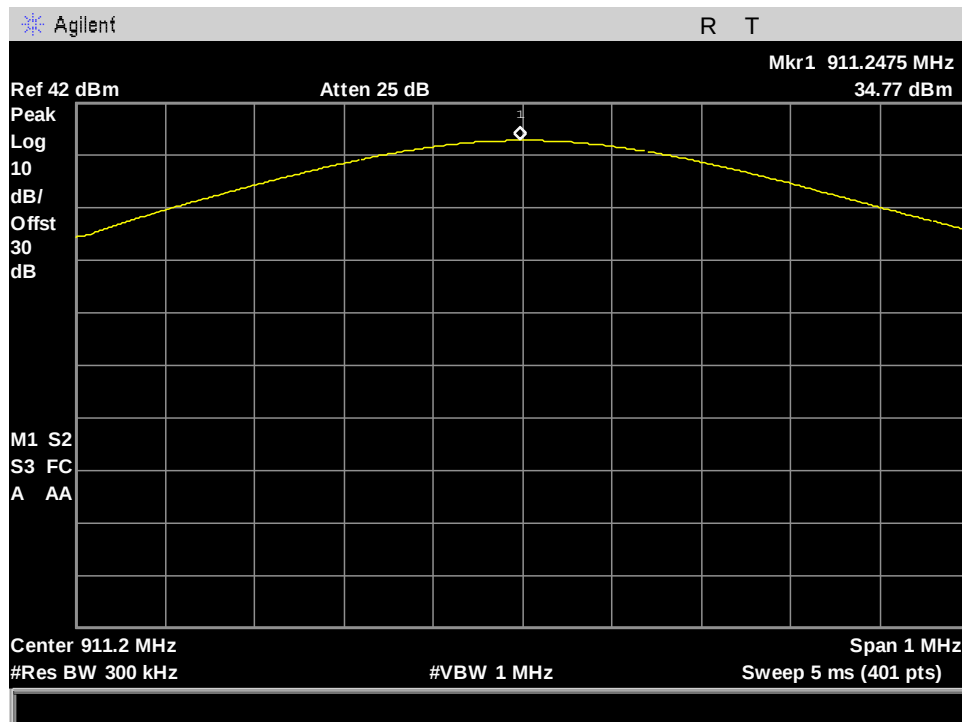


Figure 6.Part 90M_Dense_Low Ch_911.25MHz_500KHz_Output Power_Port 2_35dBm

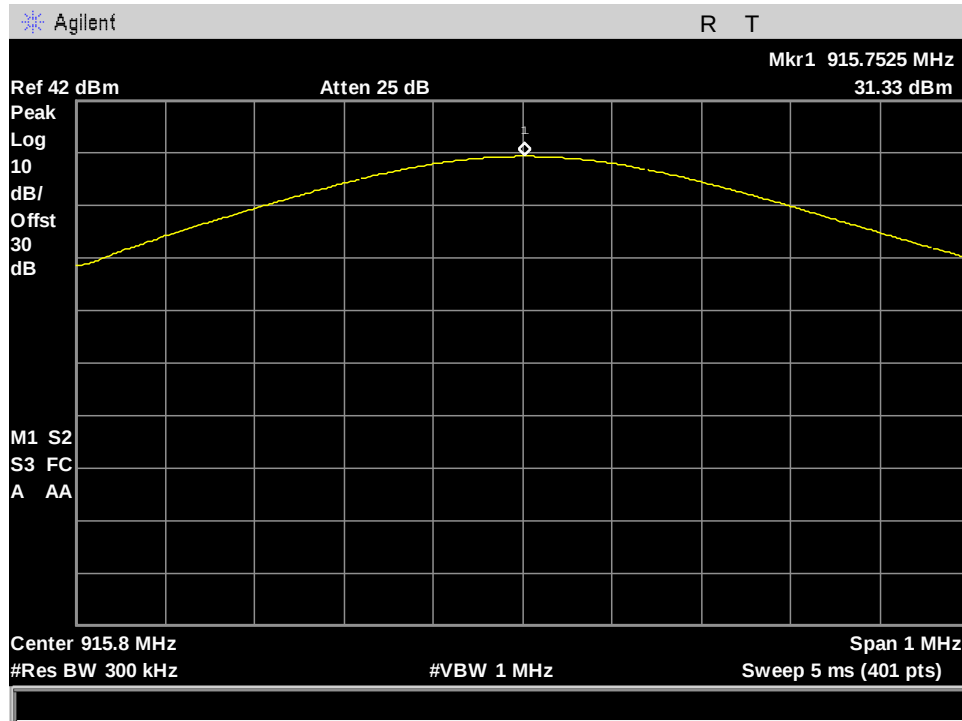


Figure 7. Part 90M_Dense_Mid Ch_915.75MHz_500KHz_Output Power_Port 2_31.8dBm

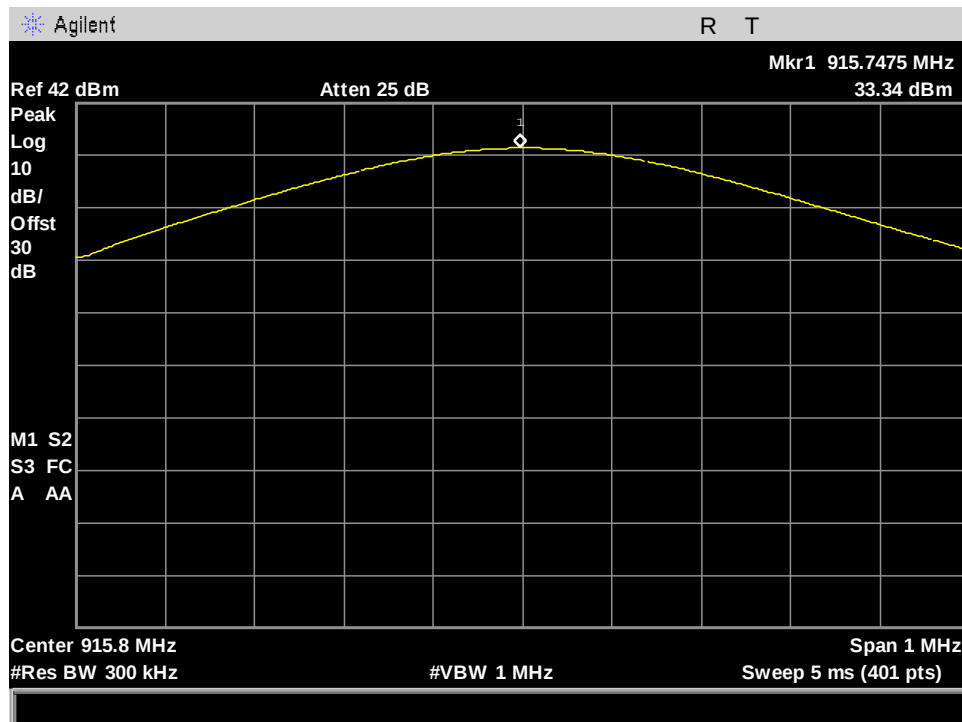


Figure 8. Part 90M_Dense_Mid Ch_915.75MHz_500KHz_Output Power_Port 2_33.8dBm

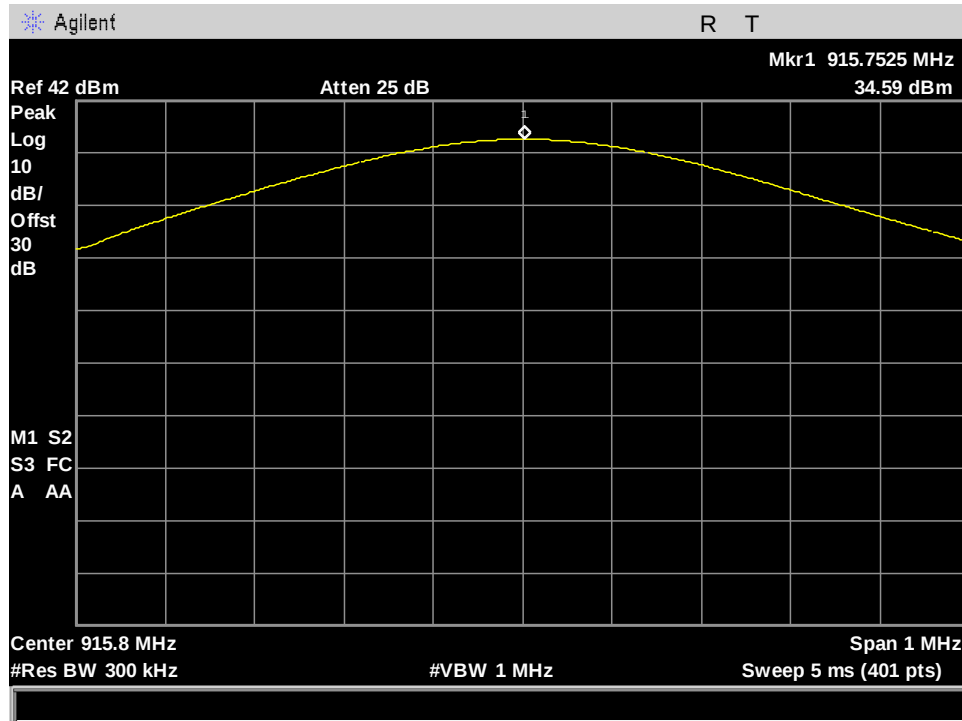


Figure 9.Part 90M_Dense_Mid Ch_915.75MHz_500KHz_Output Power_Port 2_35dBm

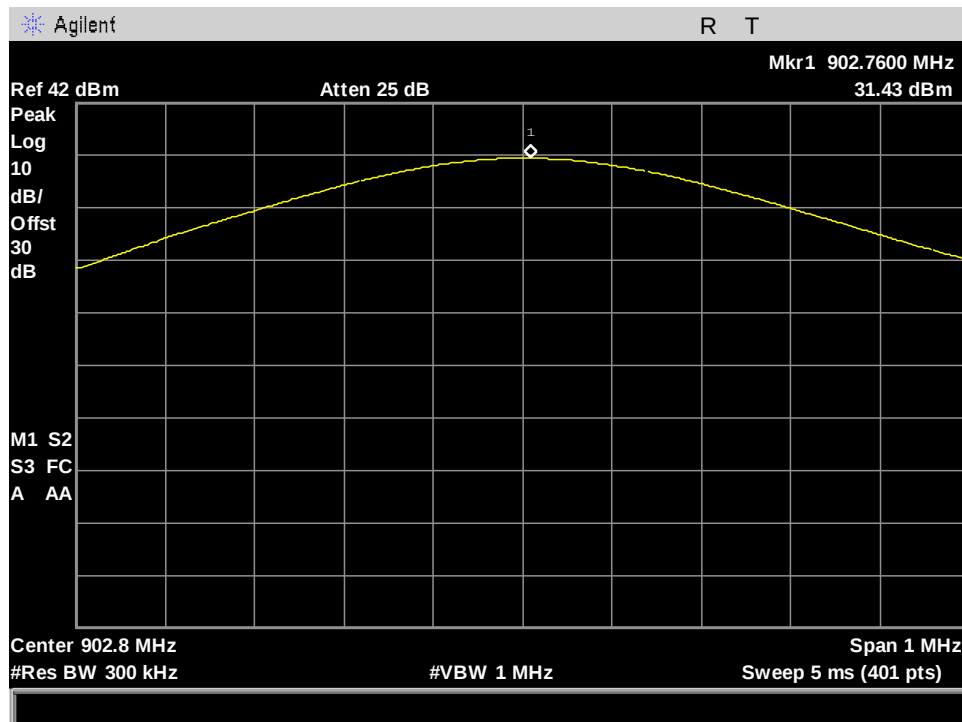


Figure 10.Part 90M_Lowband_902.75MHz_500KHz_Output Power_Port 2_31.8dBm

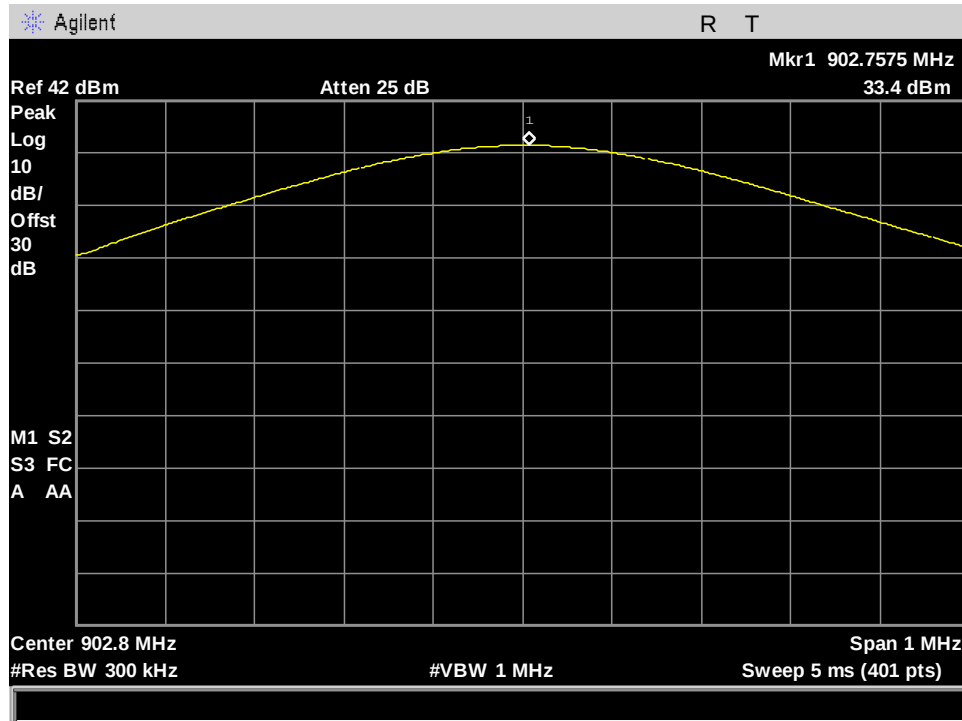


Figure 11.Part 90M_Lowband_902.75MHz_500KHz_Output Power_Port 2_33.8dBm

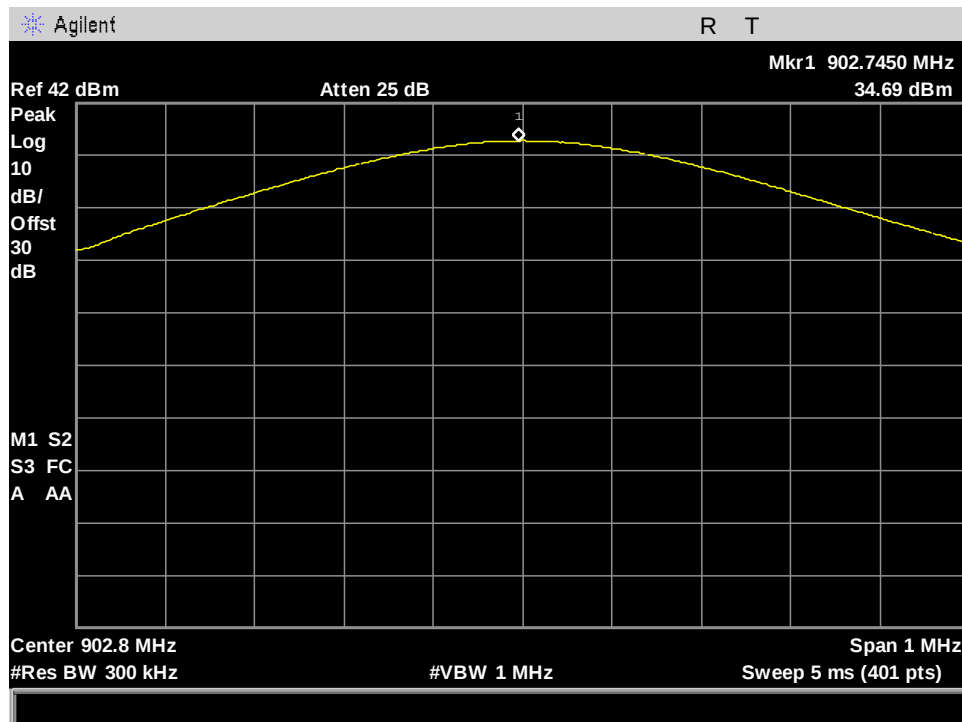


Figure 12.Part 90M_Lowband_902.75MHz_500KHz_Output Power_Port 2_35dBm

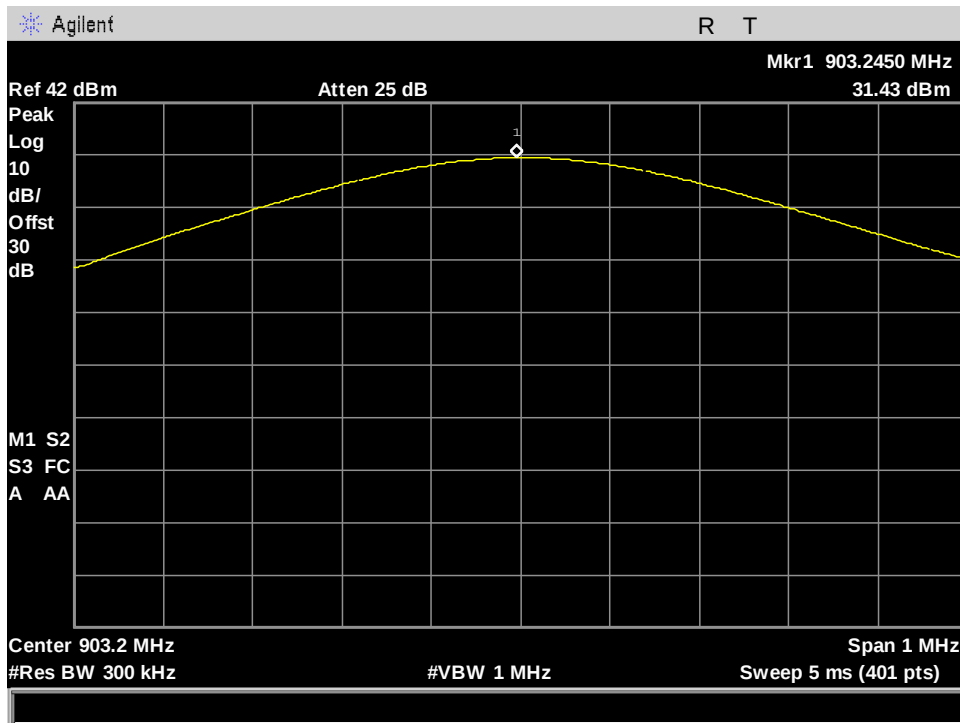


Figure 13. Part 90M_Lowband_903.25MHz_500KHz_Output Power_Port 2_31.8dBm

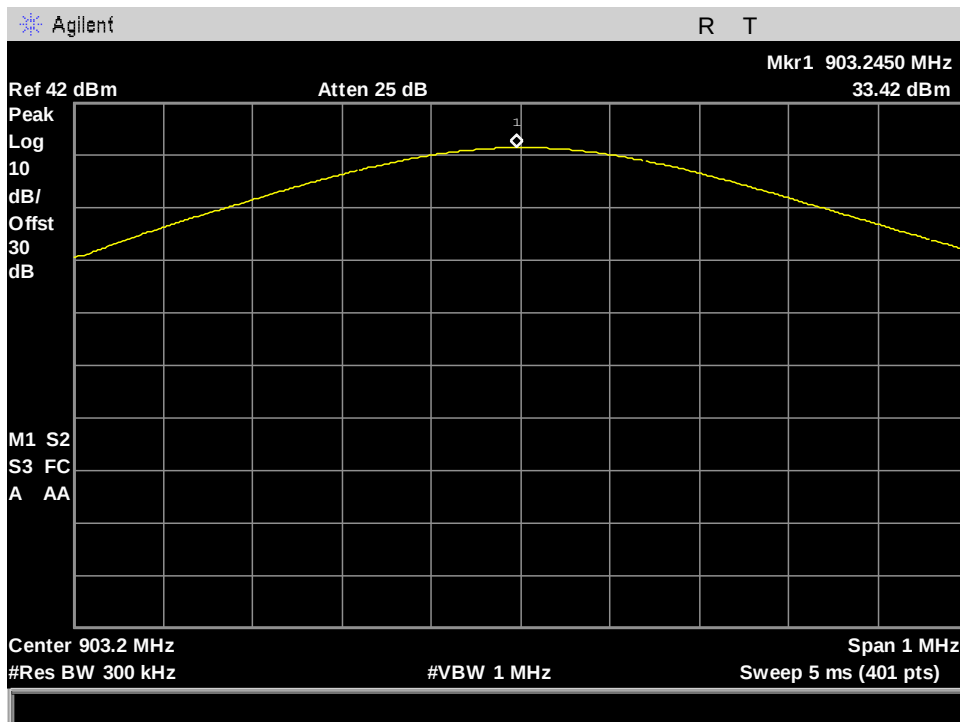


Figure 14. Part 90M_Lowband_903.25MHz_500KHz_Output Power_Port 2_33.8dBm

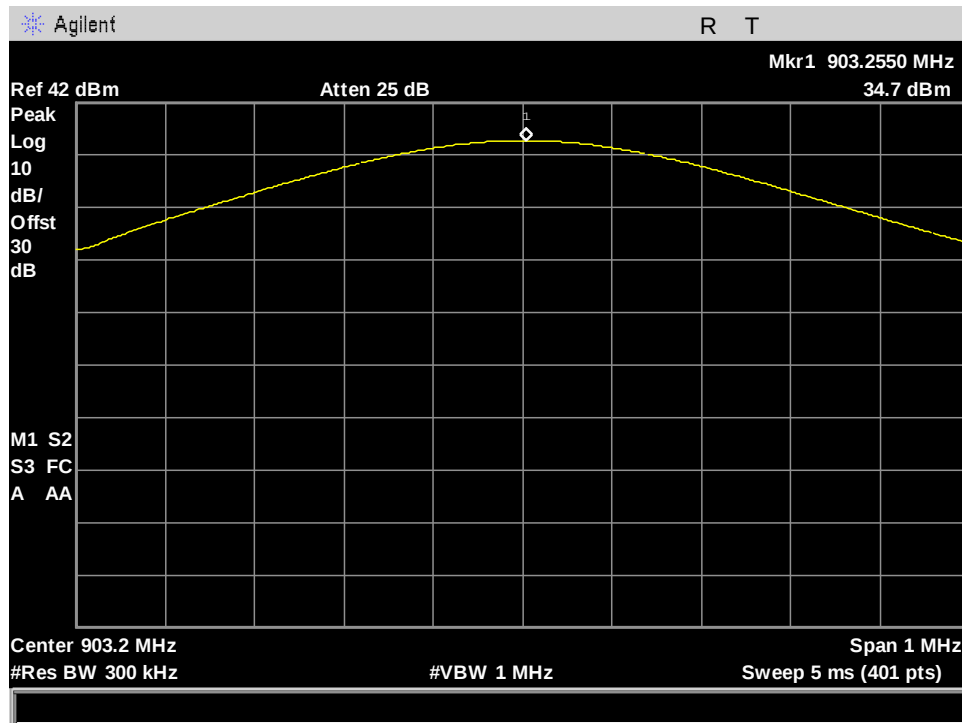


Figure 15.Part 90M_Lowband_903.25MHz_500KHz_Output Power_Port 2_35dBm

90.209 Bandwidth Limitation

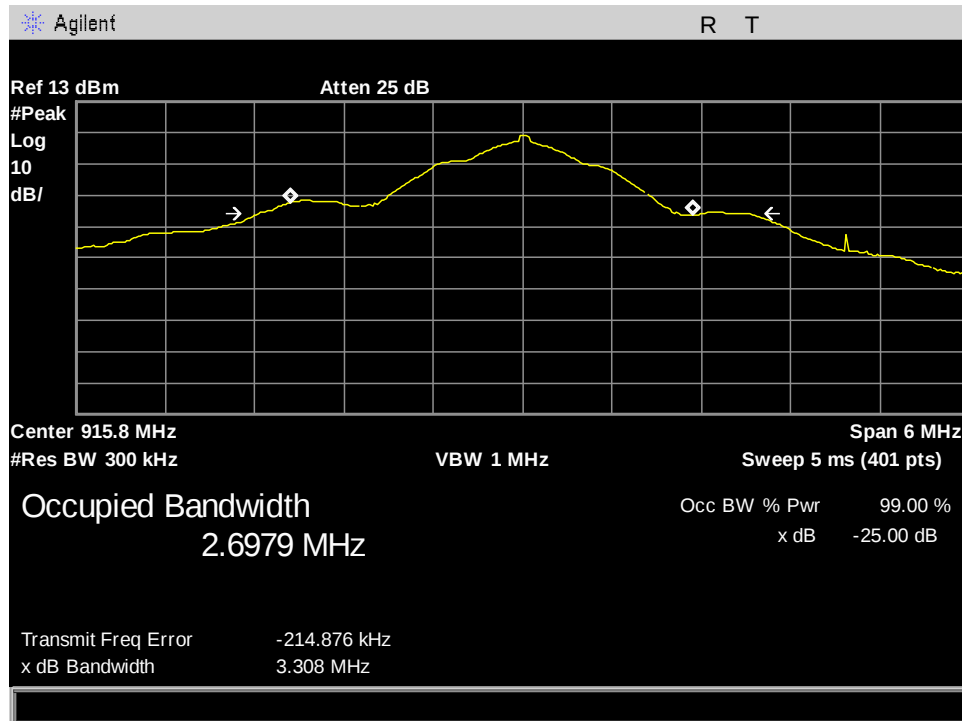


Figure 16: ASTMV6_Part 90M_Dense_Ch_915.75MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

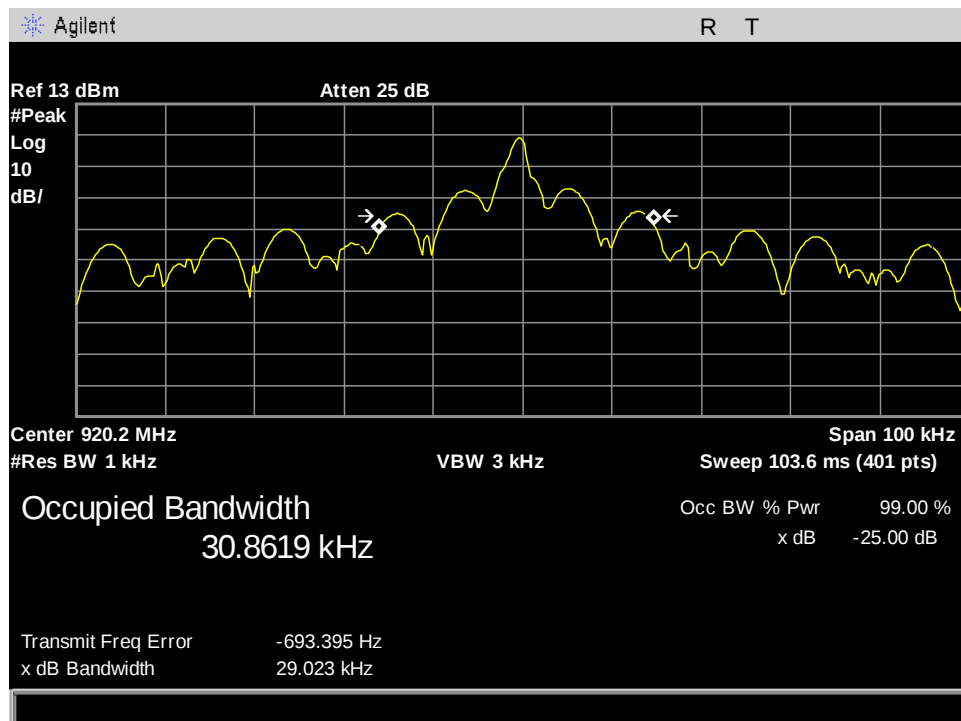


Figure 17: Flex_Part 90M_Dense_High Ch_920.25MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

Maryland | California | Texas

www.metlabs.com

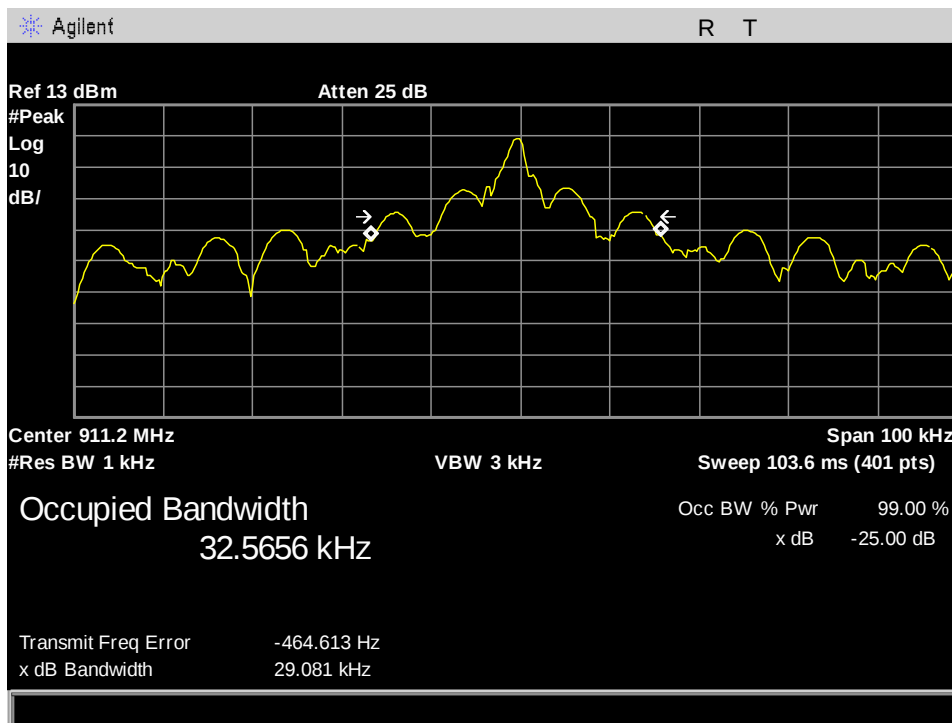


Figure 18: Flex_Part 90M_Dense_Low Ch_911.25MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

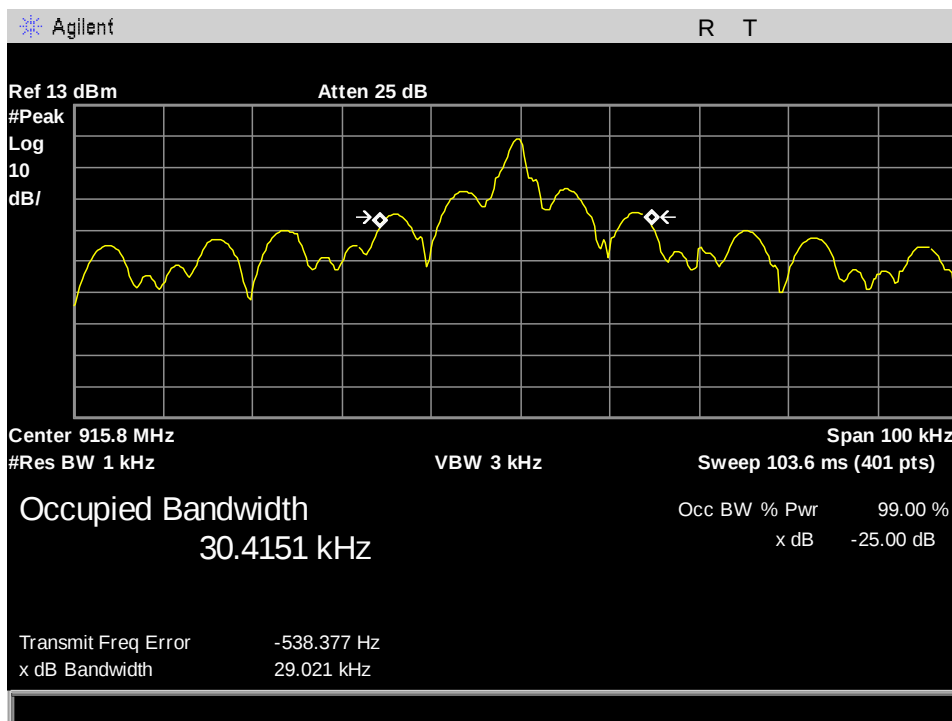


Figure 19: Flex_Part 90M_Dense_Mid Ch_915.75MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

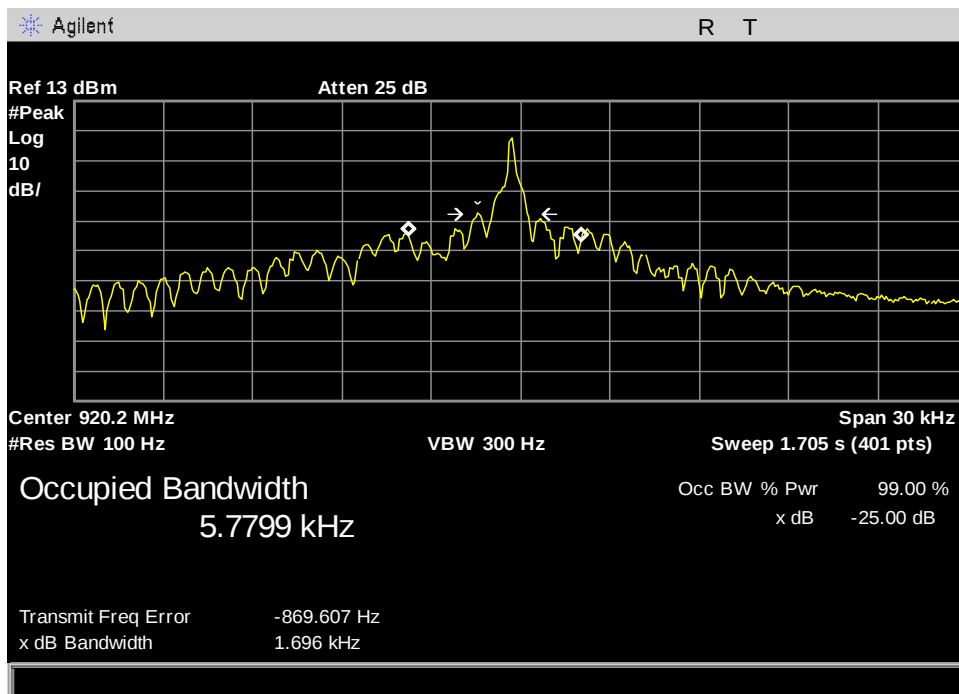


Figure 20: ISO10374_Part 90M_Dense_High Ch_920.25MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

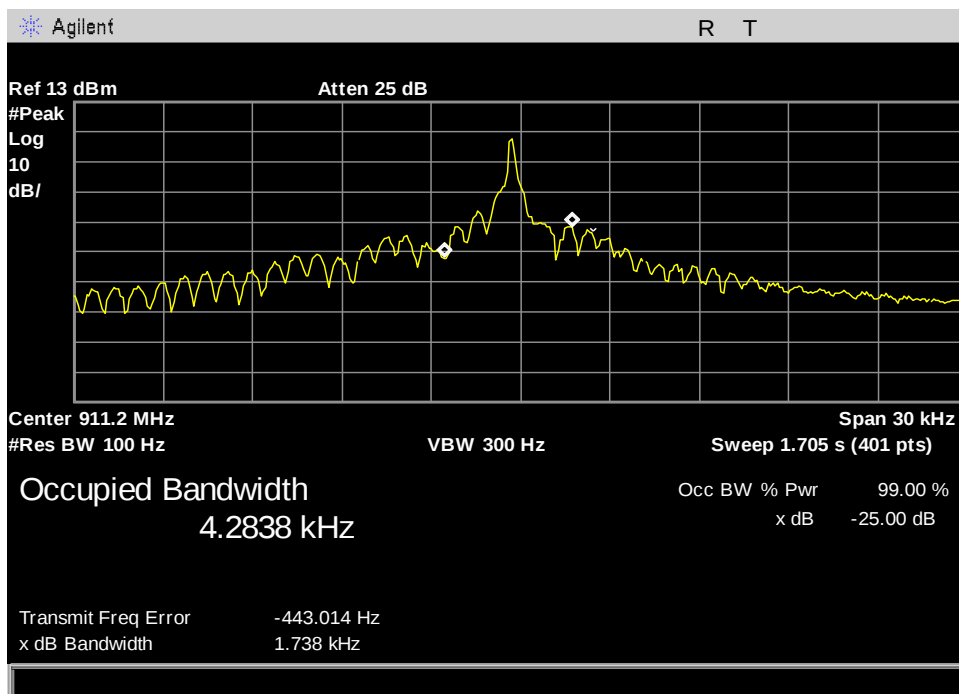


Figure 21: ISO10374_Part 90M_Dense_Low Ch_911.25MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

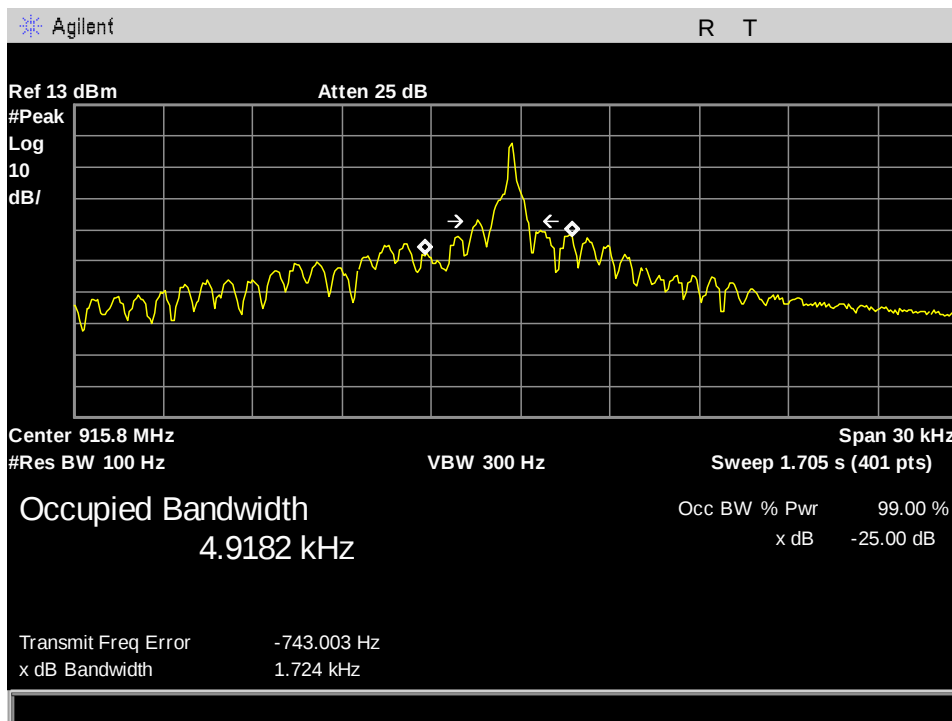


Figure 22: ISO10374_Part 90M_Dense_Mid Ch_915.75MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

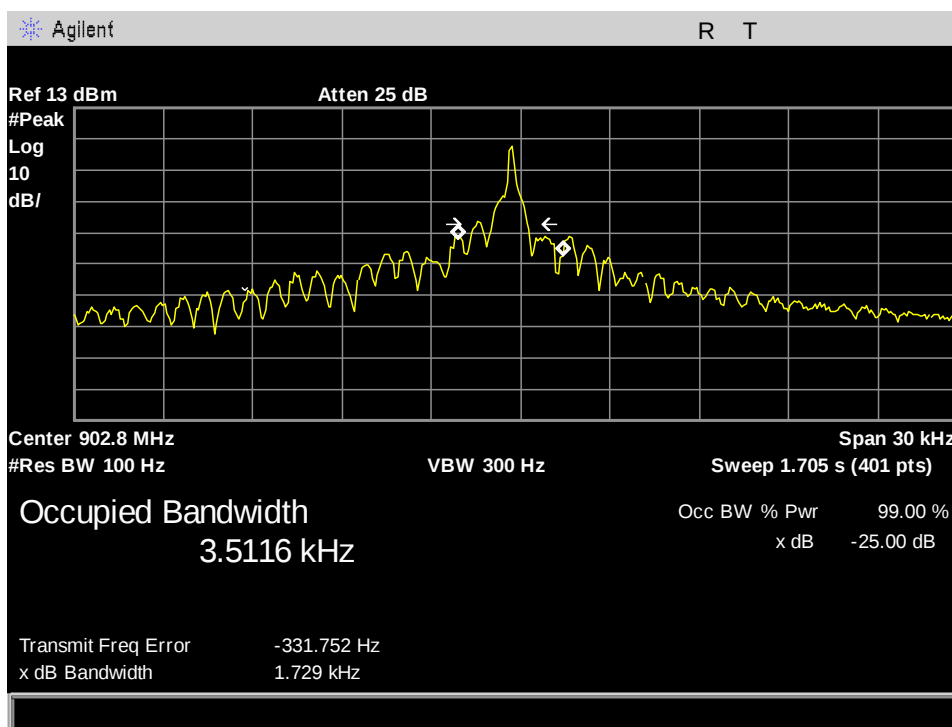


Figure 23: ISO10374_Part 90M_Lowband_902.75MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

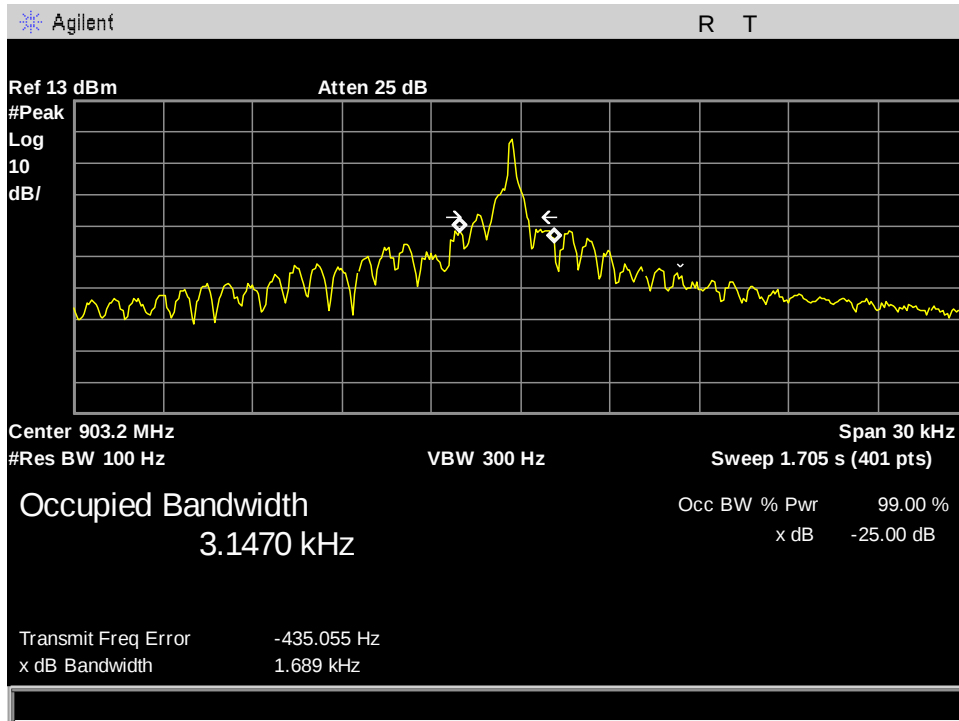


Figure 24: ISO10374_Part 90M_Lowband_903.25MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

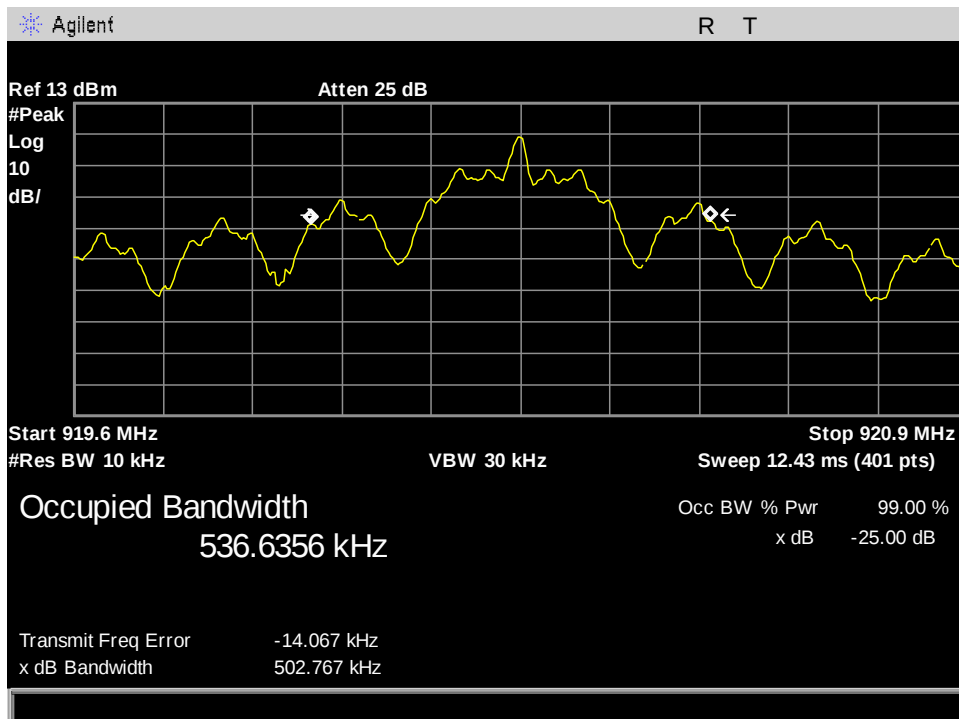


Figure 25: ISOB_80K_Part 90M_Dense_High Ch_920.25MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

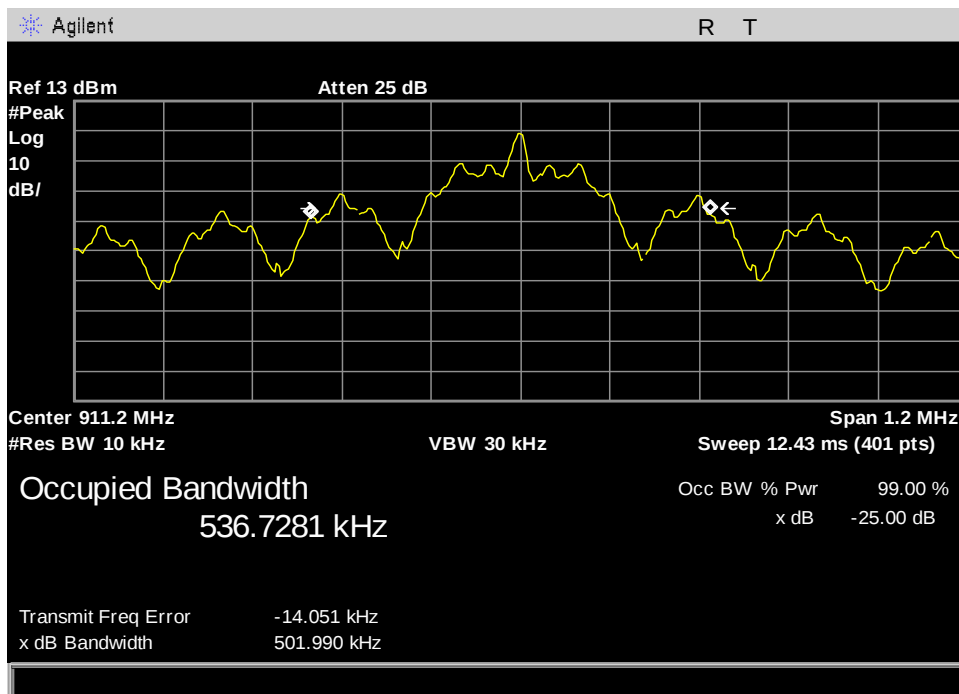


Figure 26: ISOB_80K_Part 90M_Dense_Low Ch_911.25MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

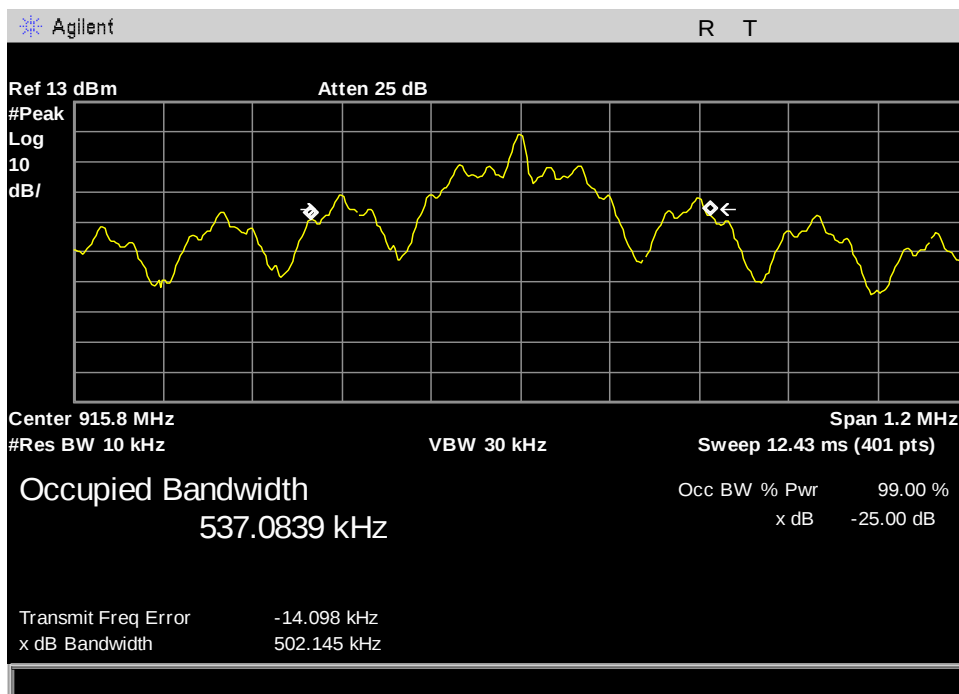


Figure 27: ISOB_80K_Part 90M_Dense_Mid Ch_915.75MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

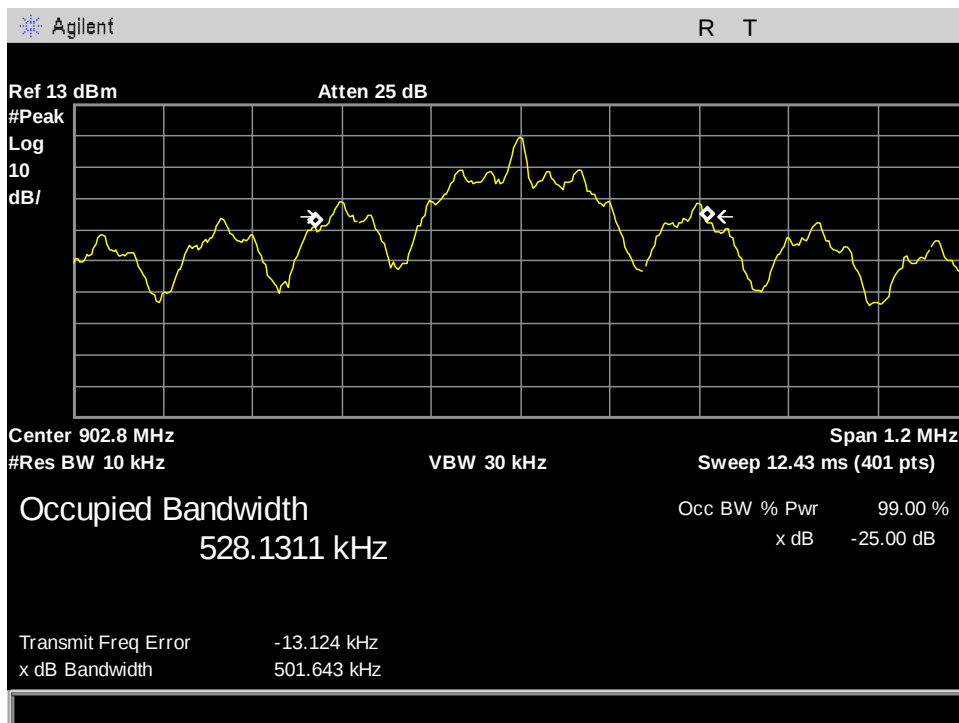


Figure 28: ISOB_80K_Part 90M_Lowband_902.75MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

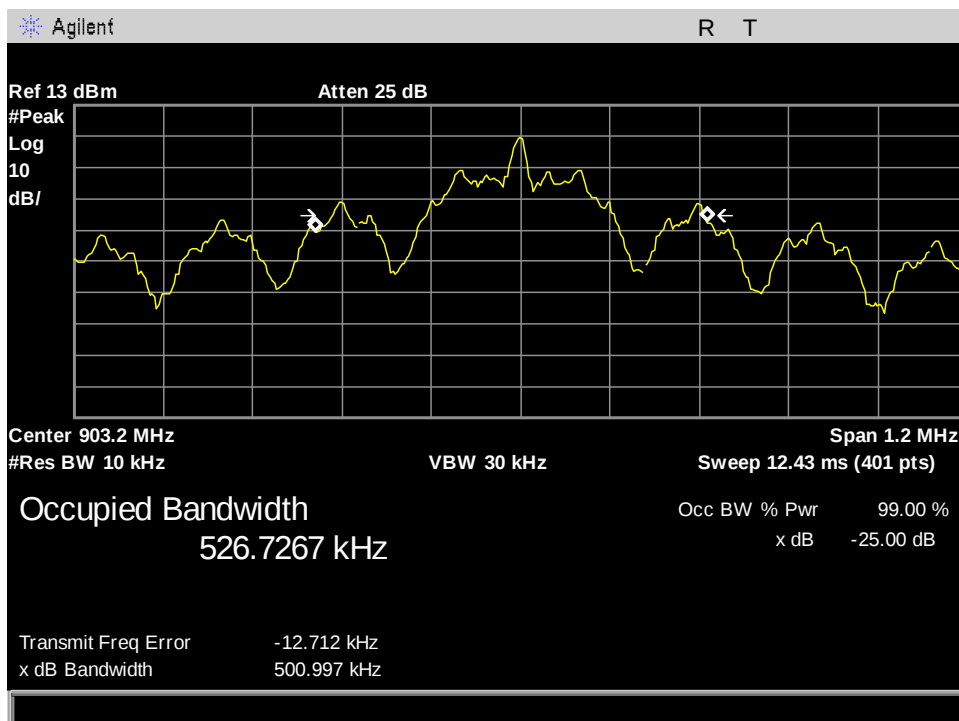


Figure 29: ISOB_80K_Part 90M_Lowband_903.25MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

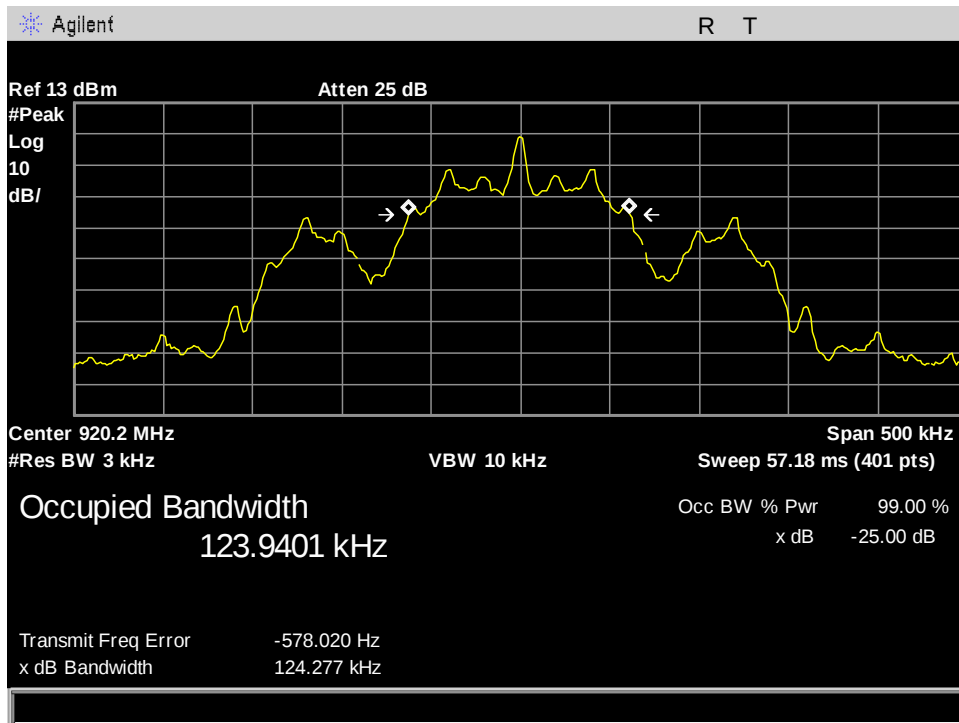


Figure 30: ISOB_Part 90M_Dense_High Ch_920.25MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

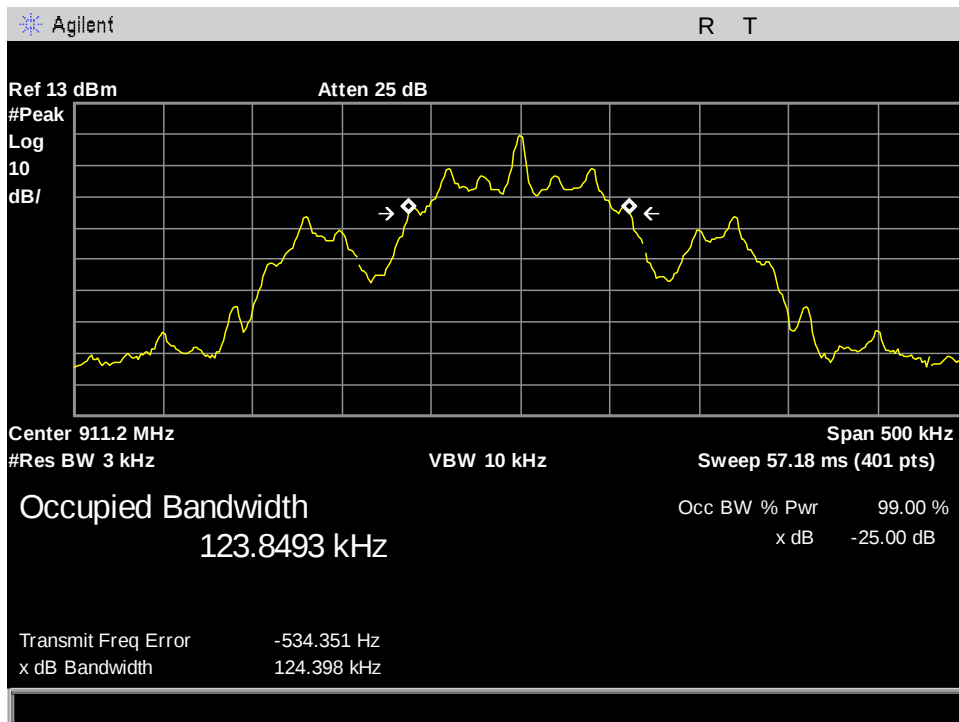


Figure 31: ISOB_Part 90M_Dense_Low Ch_911.25MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

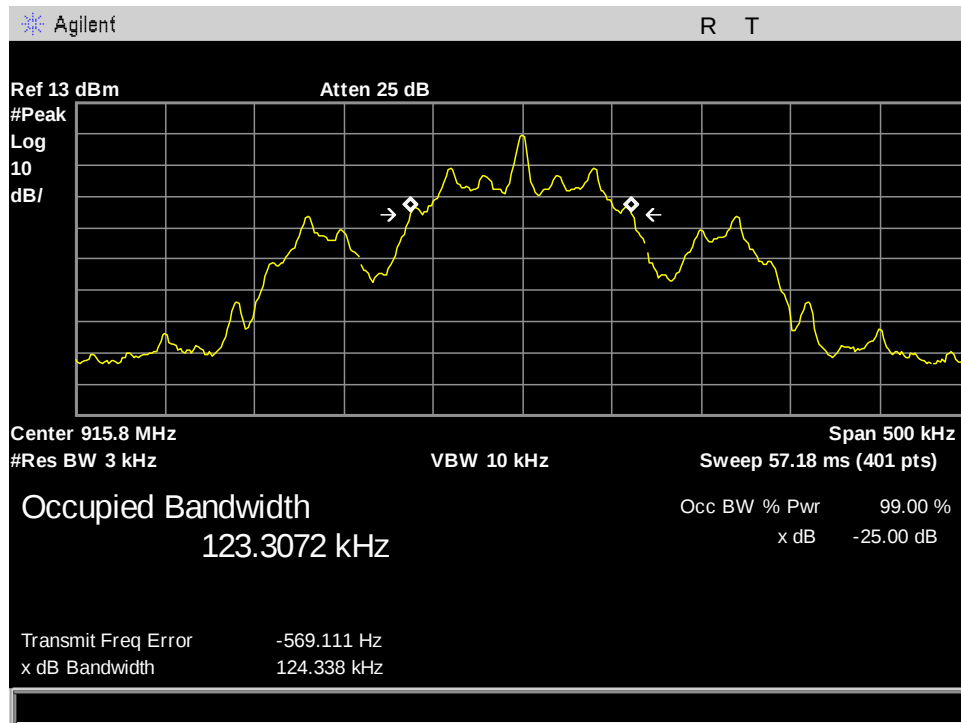


Figure 32: ISOB_Part 90M_Dense_Mid Ch_915.75MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

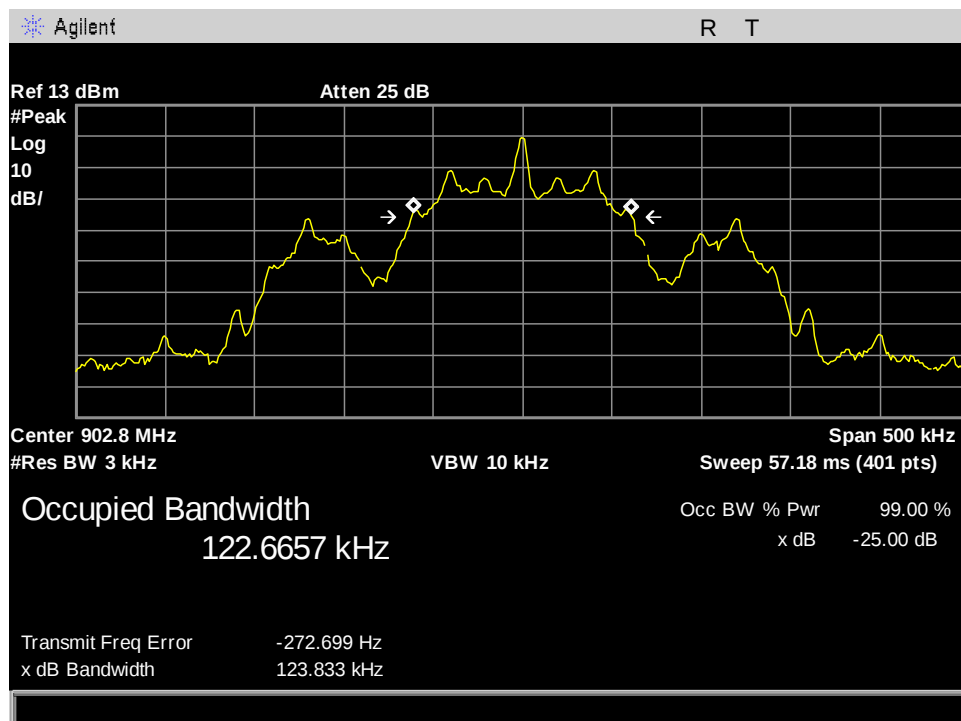


Figure 33: ISOB_Part 90M_Lowband_902.75MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

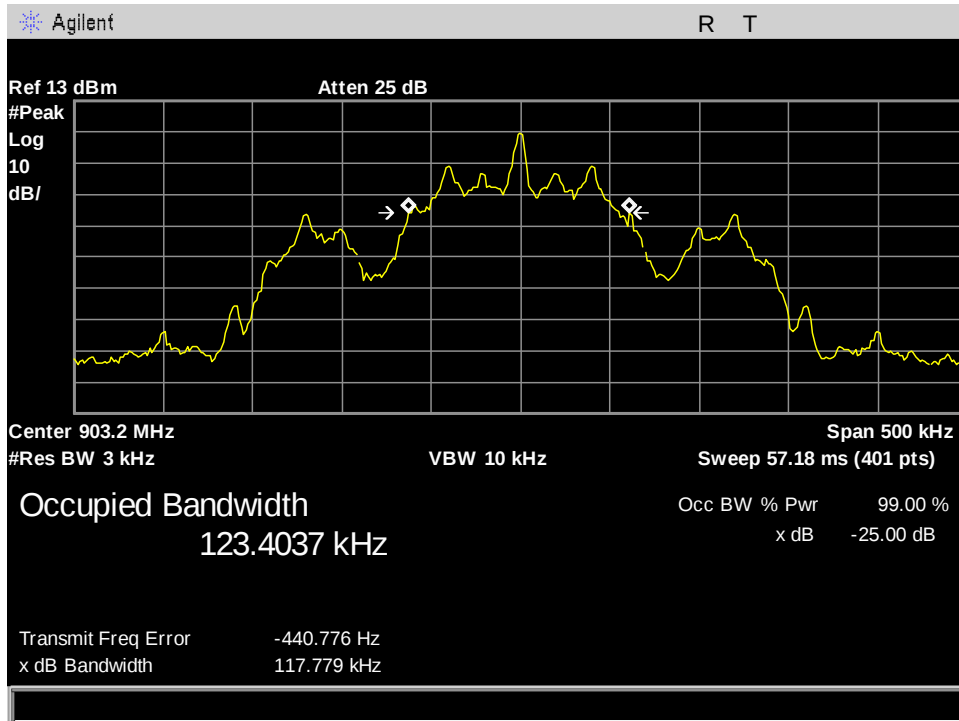


Figure 34: ISOB_Part 90M_Lowband_903.25MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

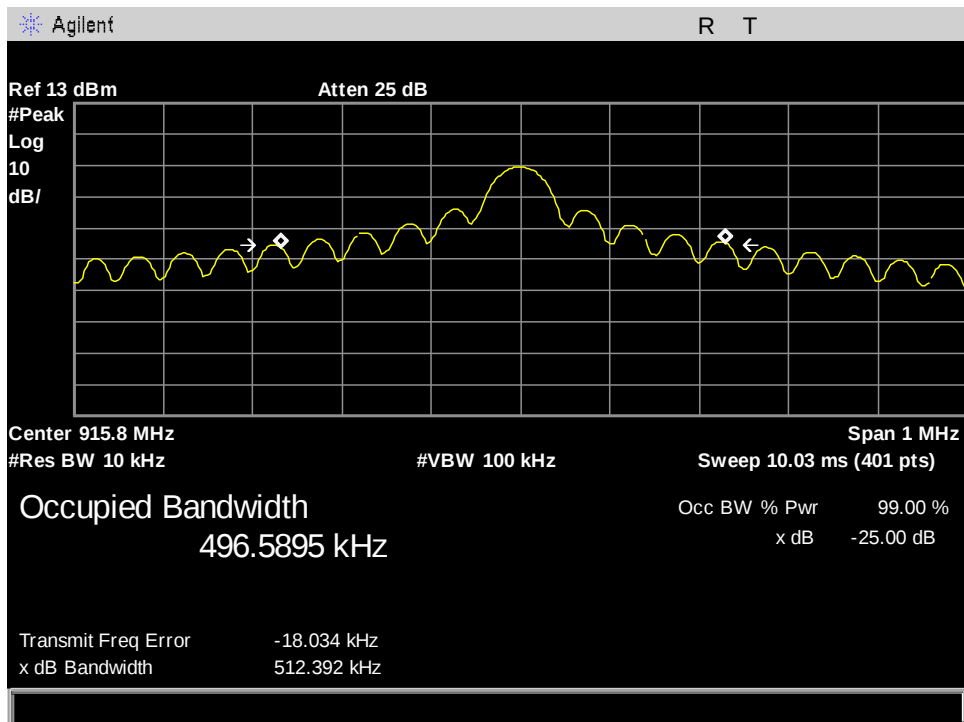


Figure 35: PS111_Part 90M_Dense_Ch_915.75MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

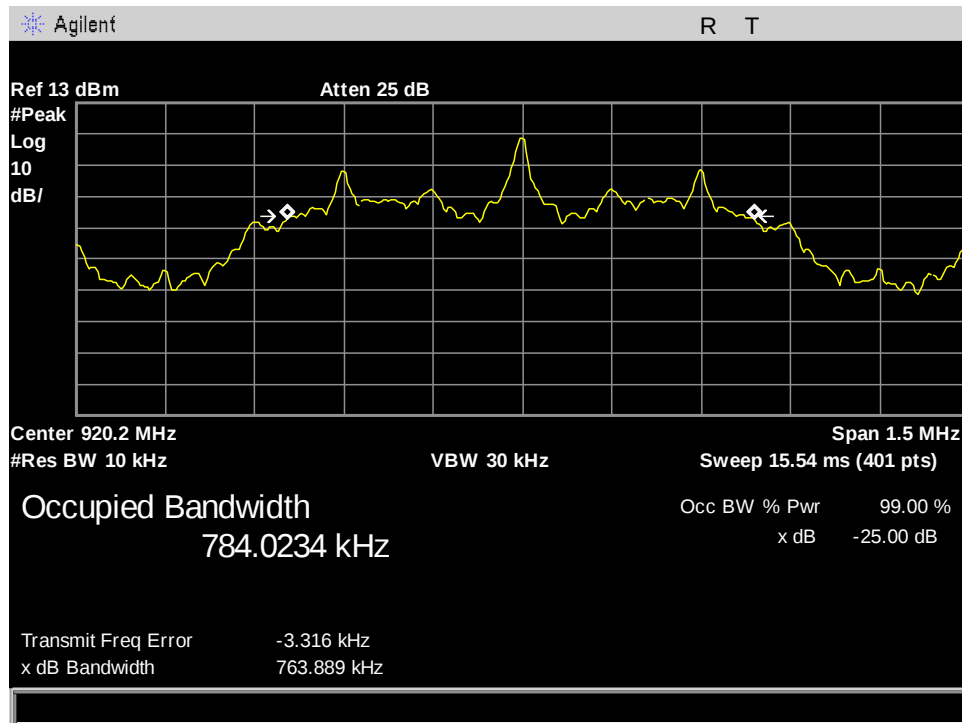


Figure 36: T21_Part 90M_Dense_High Ch_920.25MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

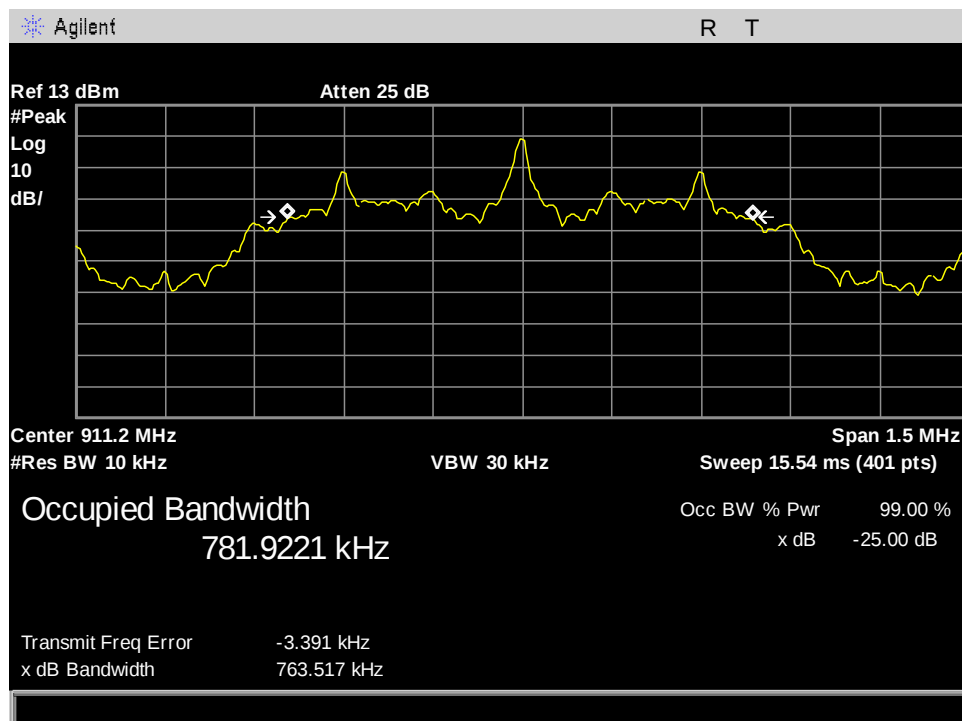


Figure 37: T21_Part 90M_Dense_Low Ch_911.25MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

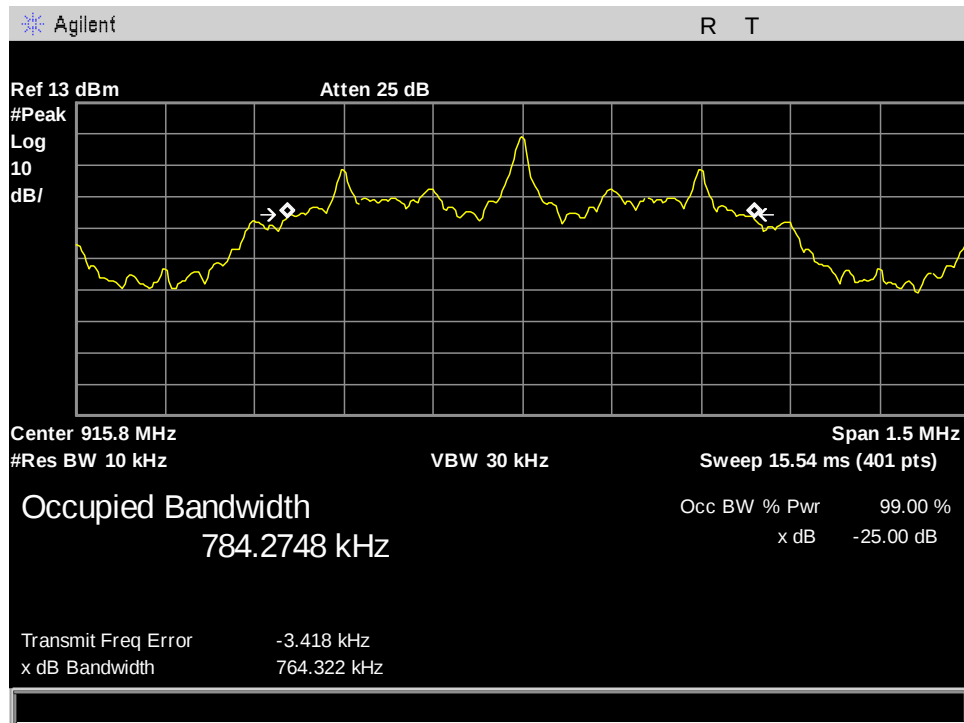


Figure 38: T21_Part 90M_Dense_Mid Ch_915.75MHz_500KHz_Occupied Bandwidth_99 Percent_Port 2

90.210 Occupied Bandwidth (Emission Mask)

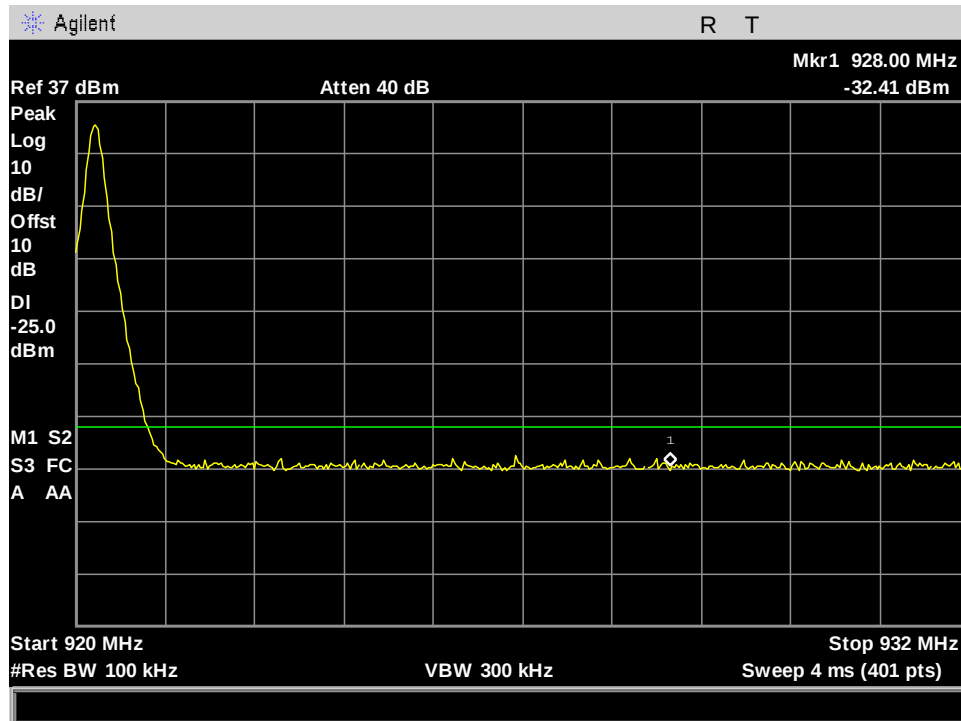


Figure 39. Part 90M_Dense_High Ch_920.25MHz_500KHz_-25dBm_Upper Band Edge_Port 2

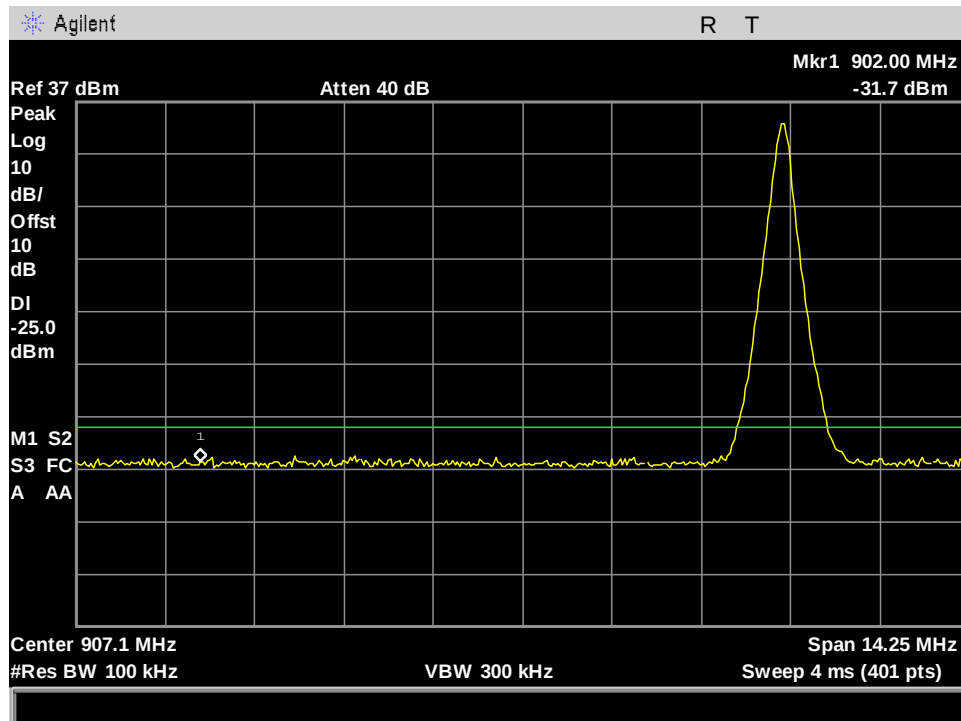


Figure 40. Part 90M_Dense_Low Ch_911.25MHz_500KHz_-25dBm_Lower Band Edge_Port 2

Maryland | California | Texas

www.metlabs.com

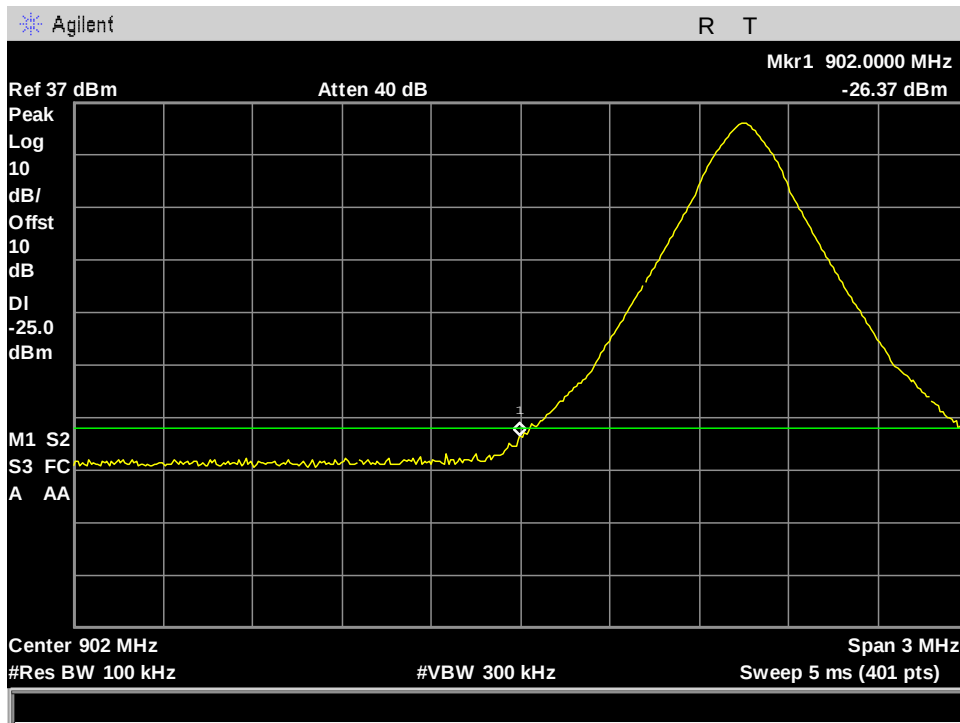


Figure 41.Part 90M_Lowband_902.75MHz_500KHz_-25dBm_Lower Band Edge_Port 2

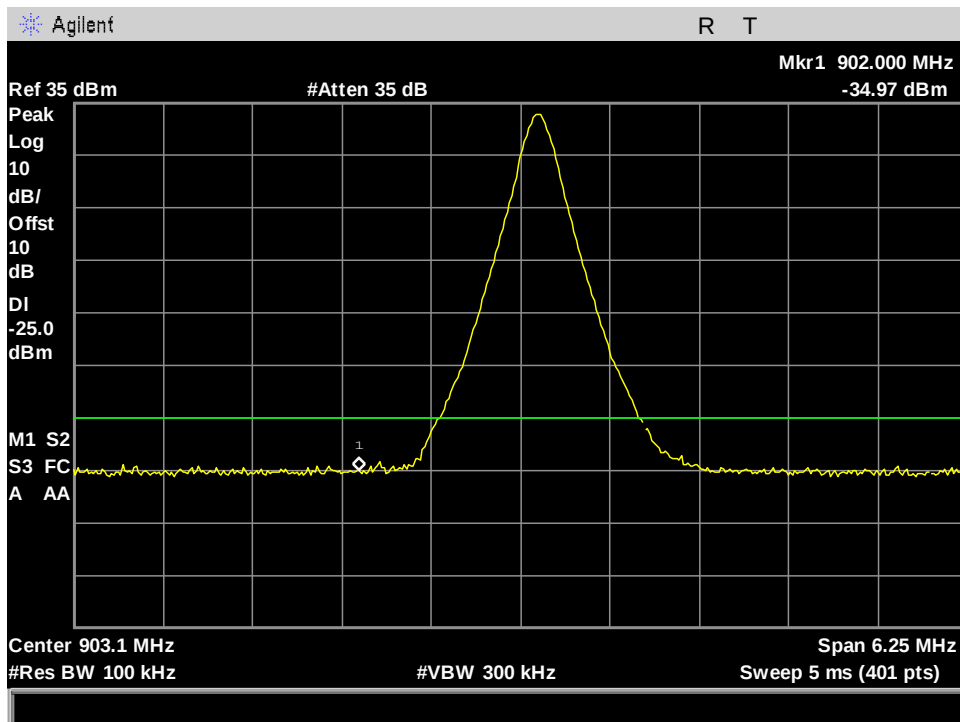


Figure 42.Part 90M_Lowband_903.25MHz_500KHz_-25dBm_Lower Band Edge_Port 2

90.210 Spurious at Antenna Port

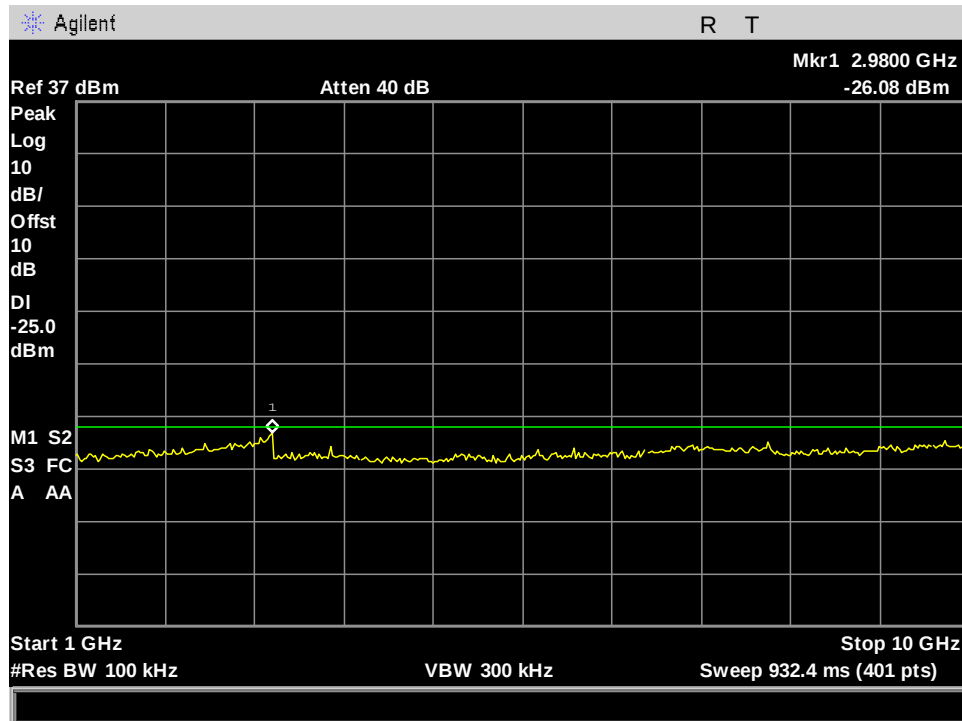


Figure 43.Part 90M_Dense_High Ch_920.25MHz_500KHz_-25dBm_1-10GHz_Port 2

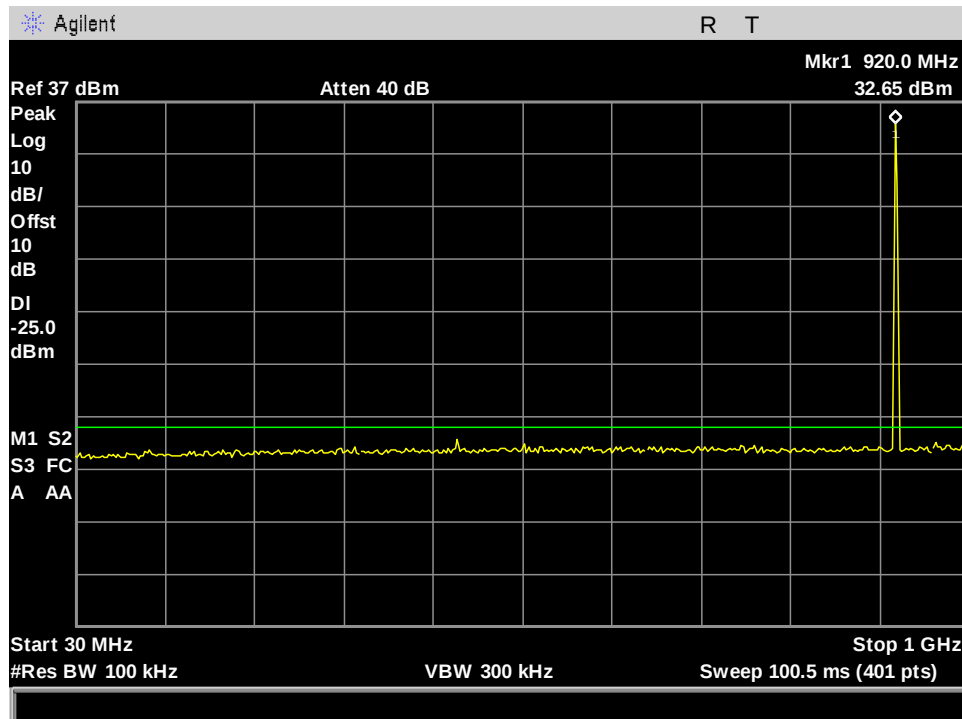


Figure 44.Part 90M_Dense_High Ch_920.25MHz_500KHz_25dBm_30MHz-1GHz_Port 2

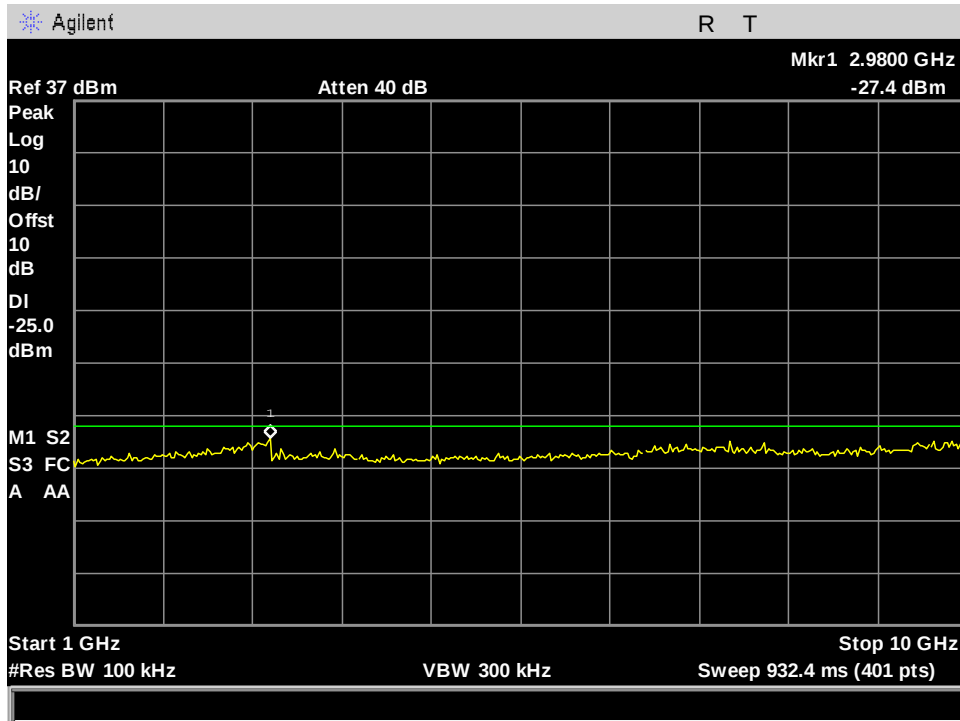


Figure 45.Part 90M_Dense_Low Ch_911.25MHz_500KHz_-25dBm_1-10GHz_Port 2

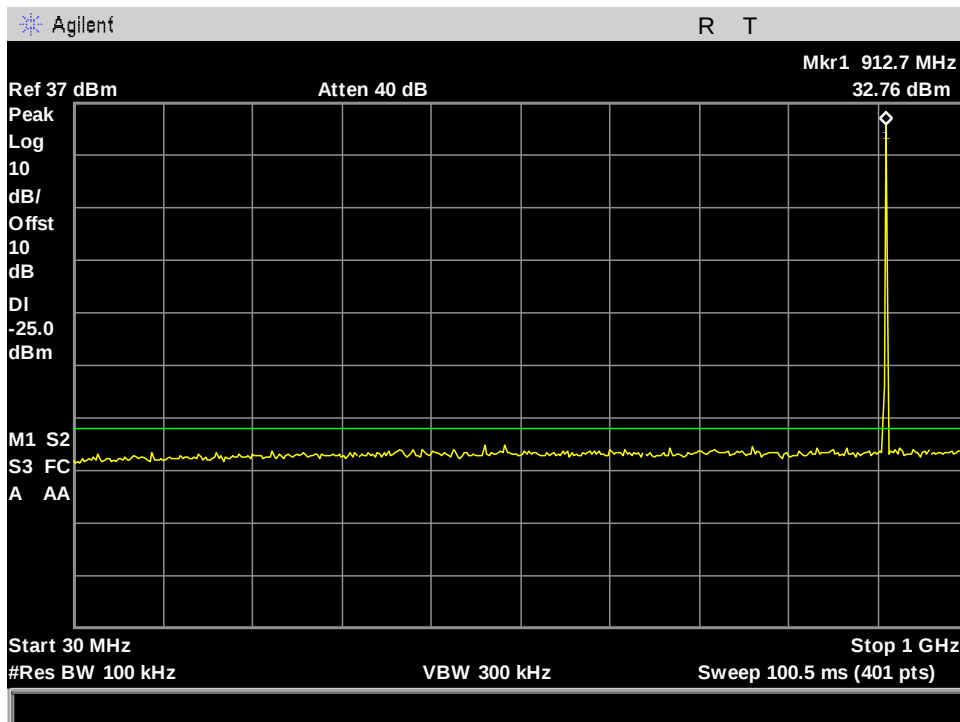


Figure 46.Part 90M_Dense_Low Ch_911.25MHz_500KHz_25dBm_30MHz-1GHz_Port 2

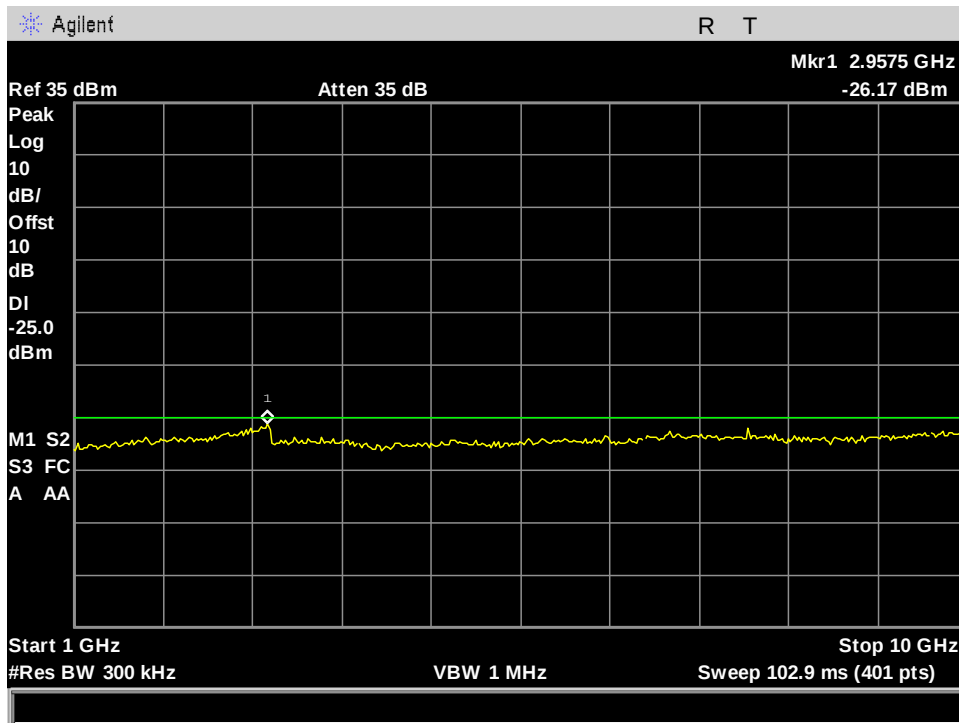


Figure 47.Part 90M_Dense_Mid Ch_915.75MHz_500KHz_-25dBm_1-10GHz_Port 2

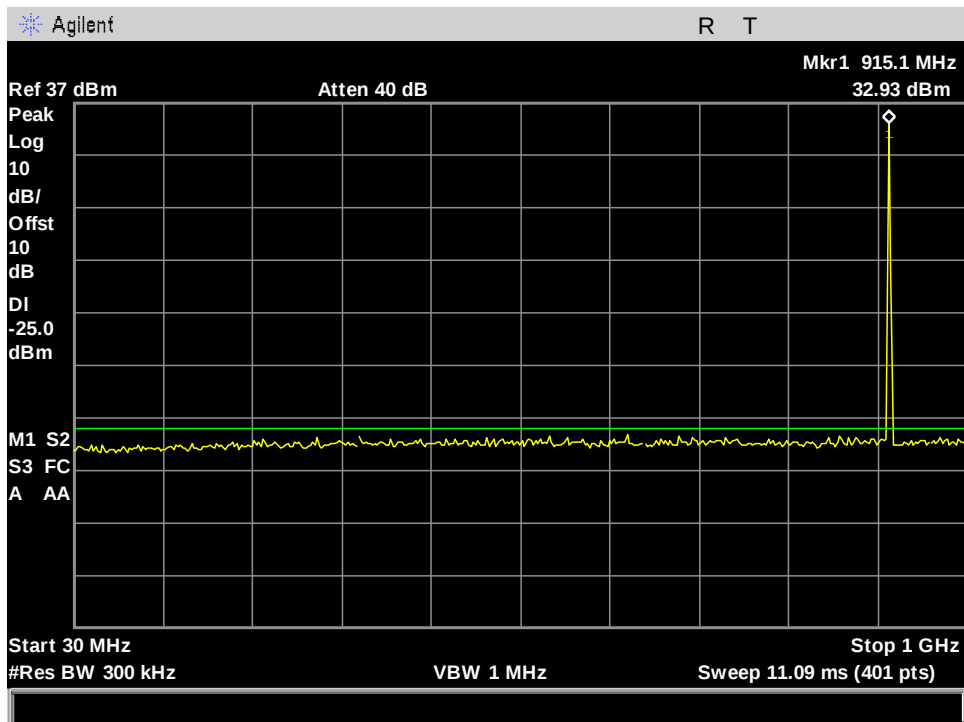


Figure 48.Part 90M_Dense_Mid Ch_915.75MHz_500KHz_25dBm_30MHz-1GHz_Port 2

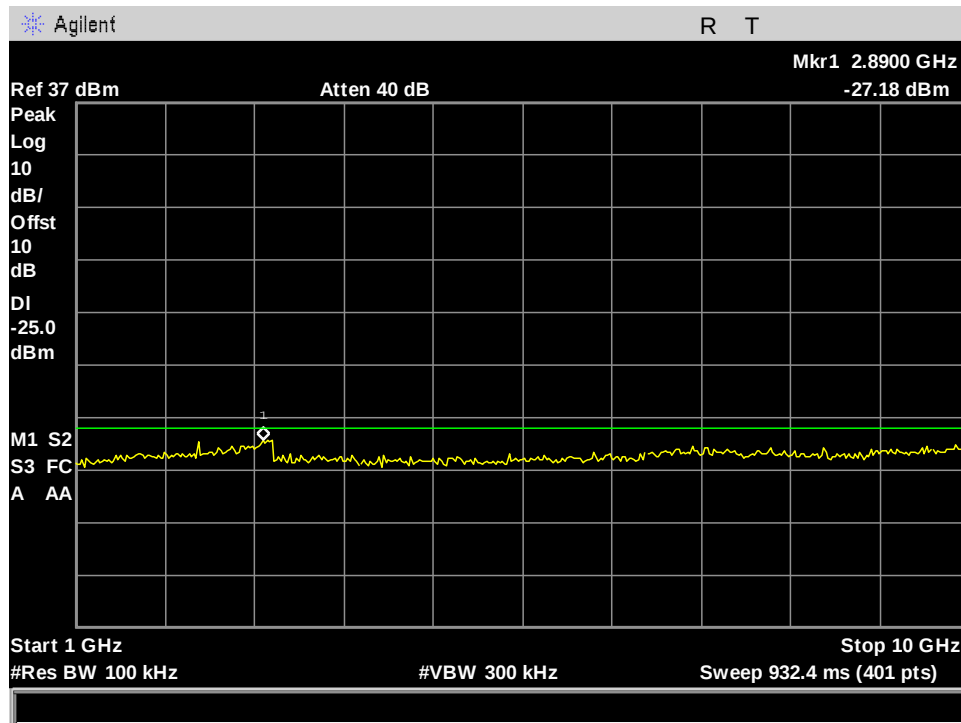


Figure 49.Part 90M_Lowband_902.75MHz_500KHz_25dBm_1-10GHz_Port 2

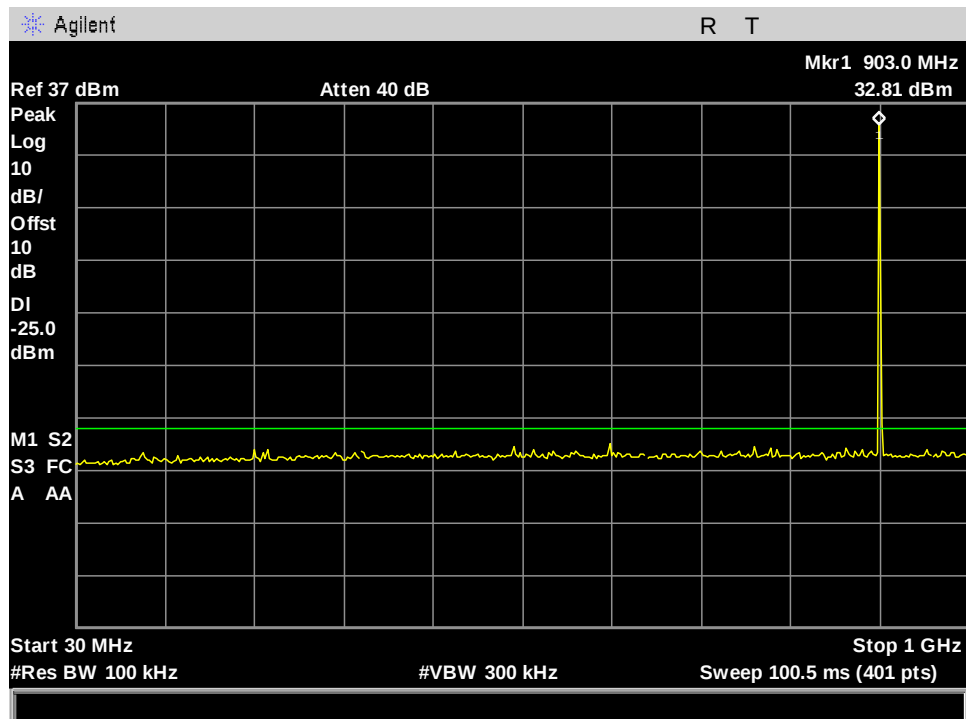


Figure 50.Part 90M_Lowband_902.75MHz_500KHz_25dBm_30MHz-1GHz_Port 2

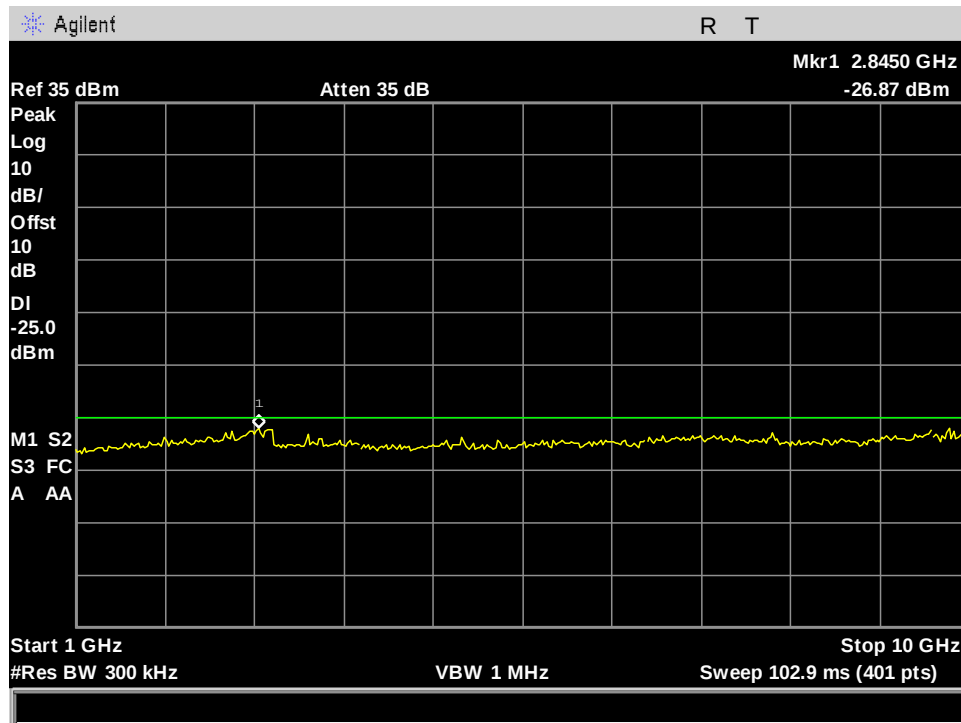


Figure 51. Part 90M_Lowband_903.25MHz_500KHz_25dBm_1-10GHz_Port 2

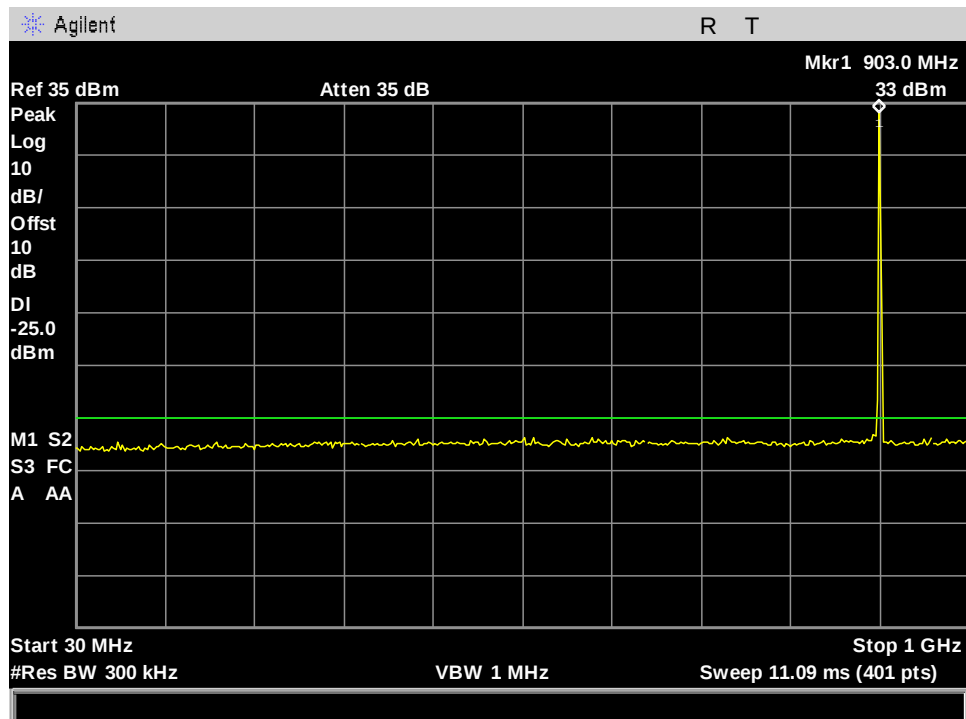


Figure 52. Part 90M_Lowband_903.25MHz_500KHz_25dBm_30MHz-1GHz_Port 2

90.210 Field Strength Spurious Emissions

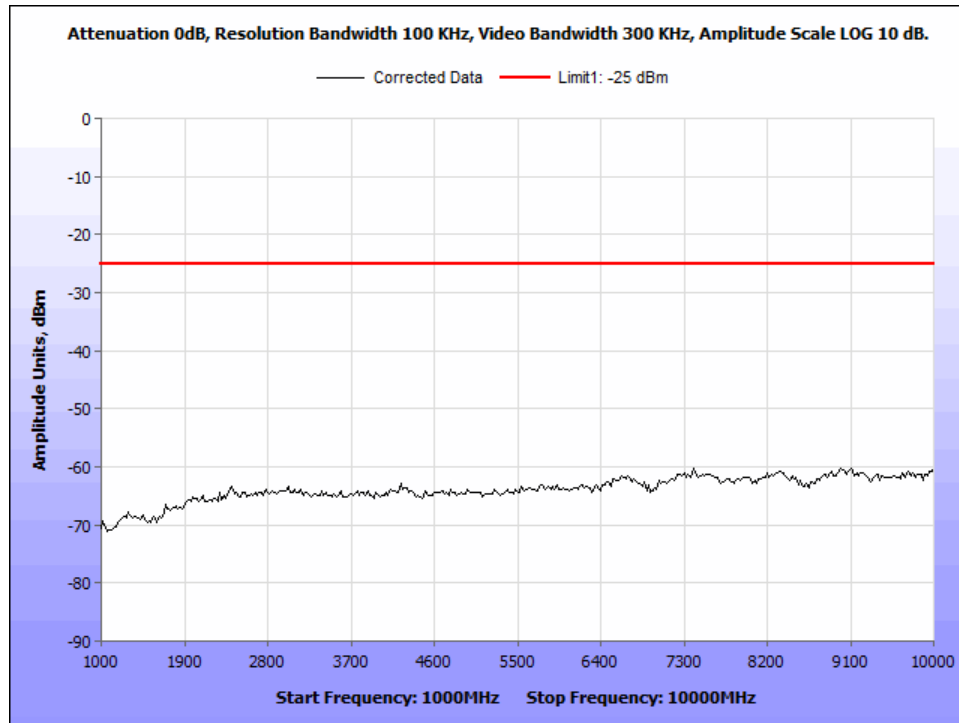


Figure 53.Cabinet Radiated Spurious Emissions_FCC Part90 dense_high channel 920.25MHz_1-10GHz

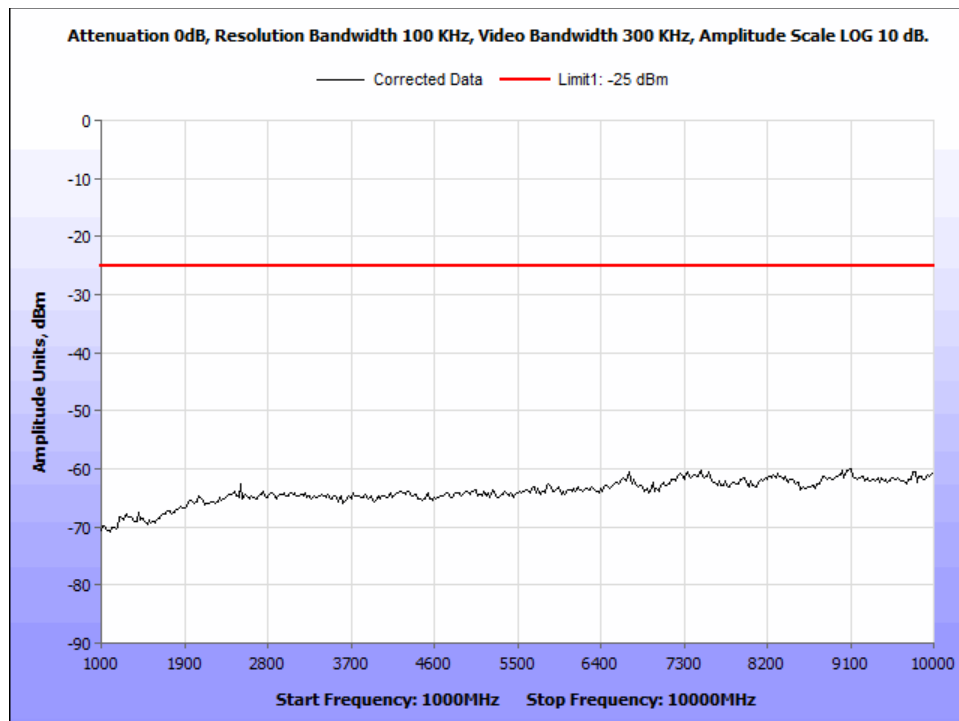


Figure 54.Cabinet Radiated Spurious Emissions_FCC Part90 dense_low channel 911.25MHz_1-10GHz

Maryland | California | Texas

www.metlabs.com

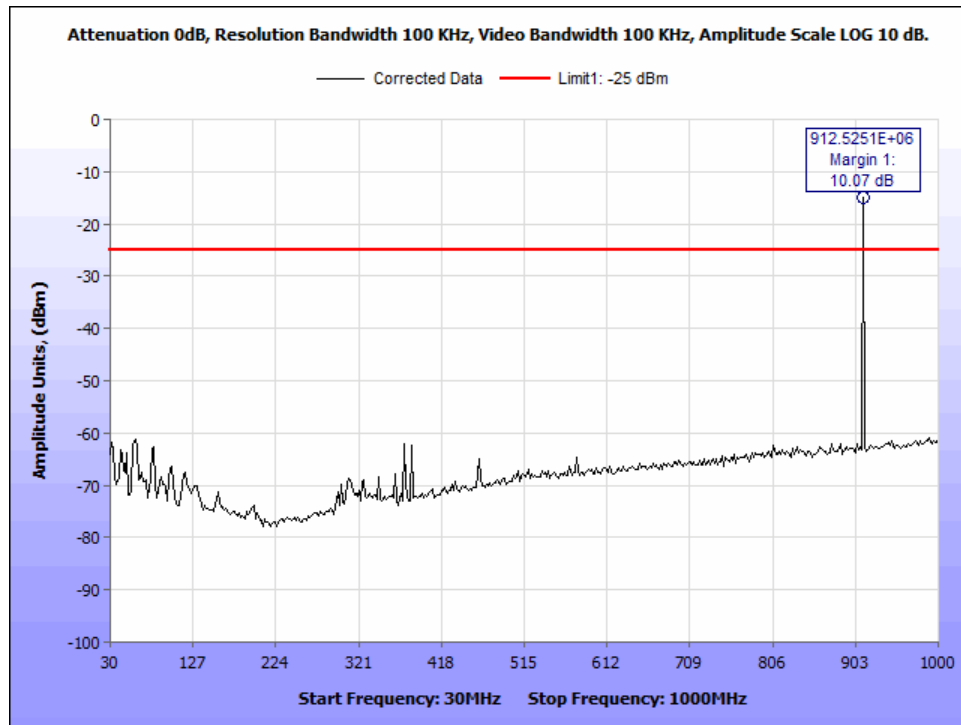


Figure 55. Cabinet Radiated Spurious Emissions_FCC Part90 dense_low channel 911.25MHz_30-1000MHz

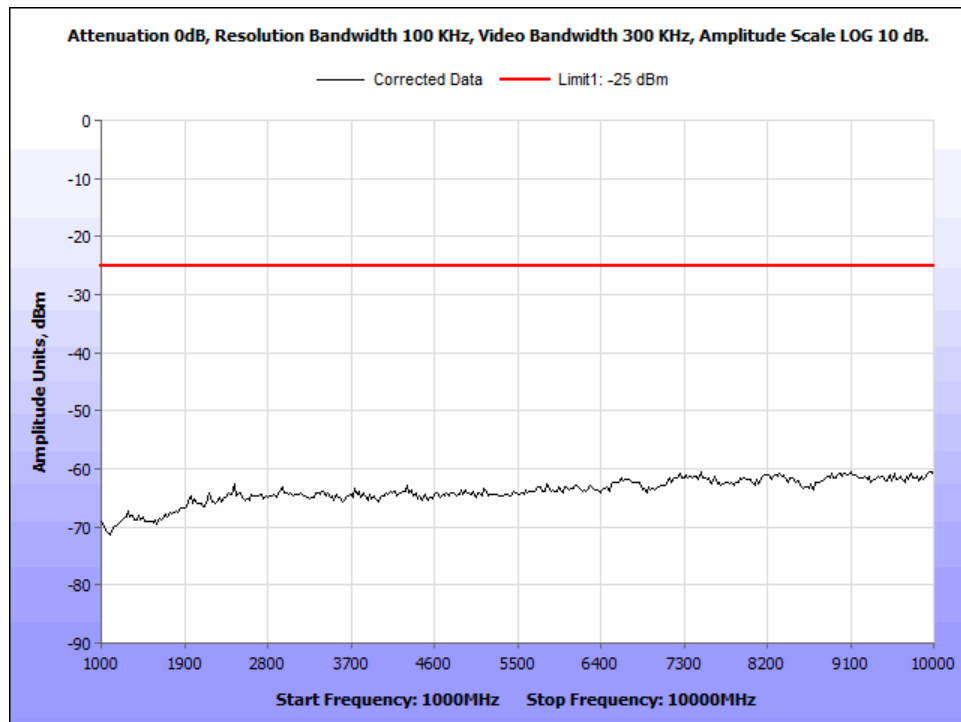


Figure 56. Cabinet Radiated Spurious Emissions_FCC Part90 dense_mid channel 915.75MHz_1-10GHz

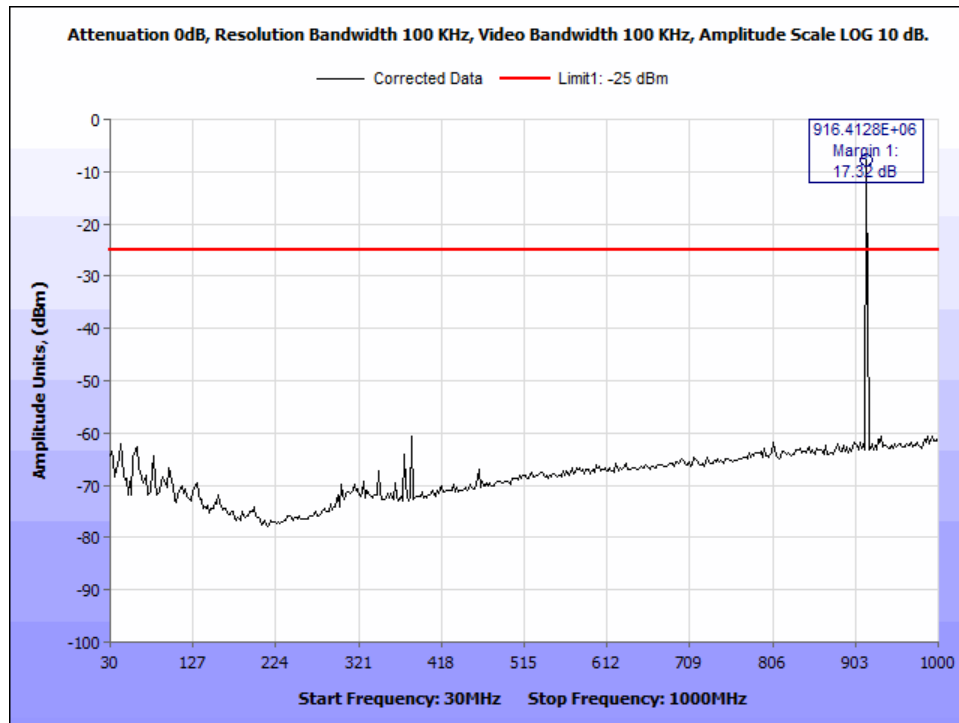


Figure 57. Cabinet Radiated Spurious Emissions_FCC Part90 dense_mid channel 915.75MHz_30-1000MHz

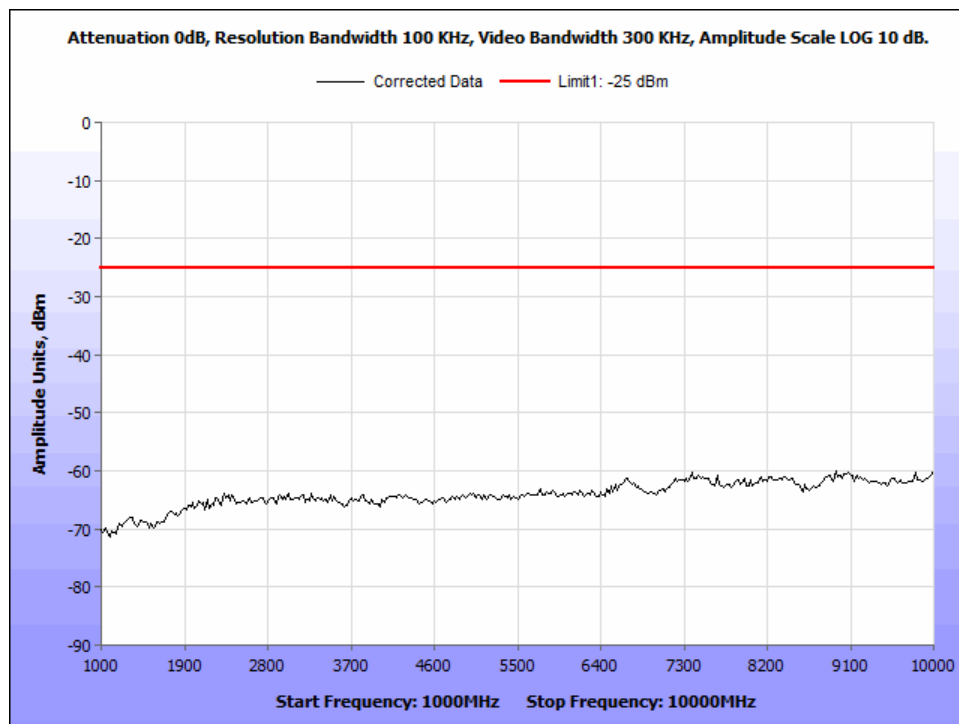


Figure 58. Cabinet Radiated Spurious Emissions_FCC Part90 lowband_channel 902.75MHz_1-10GHz

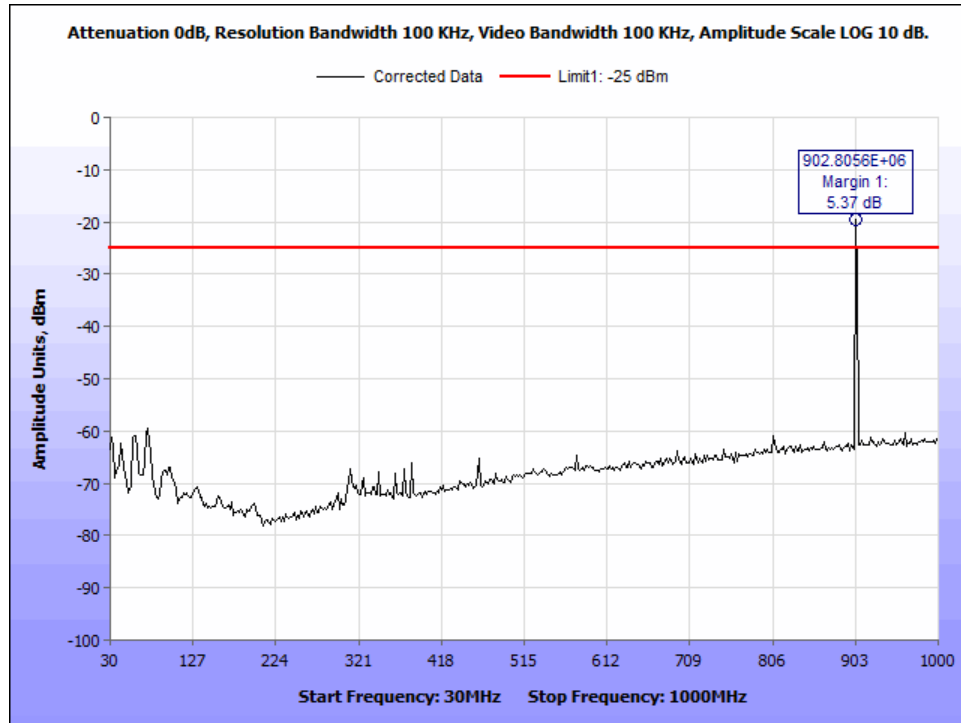


Figure 59. Cabinet Radiated Spurious Emissions_FCC Part90 lowband_channel 902.75MHz_30-1000MHz

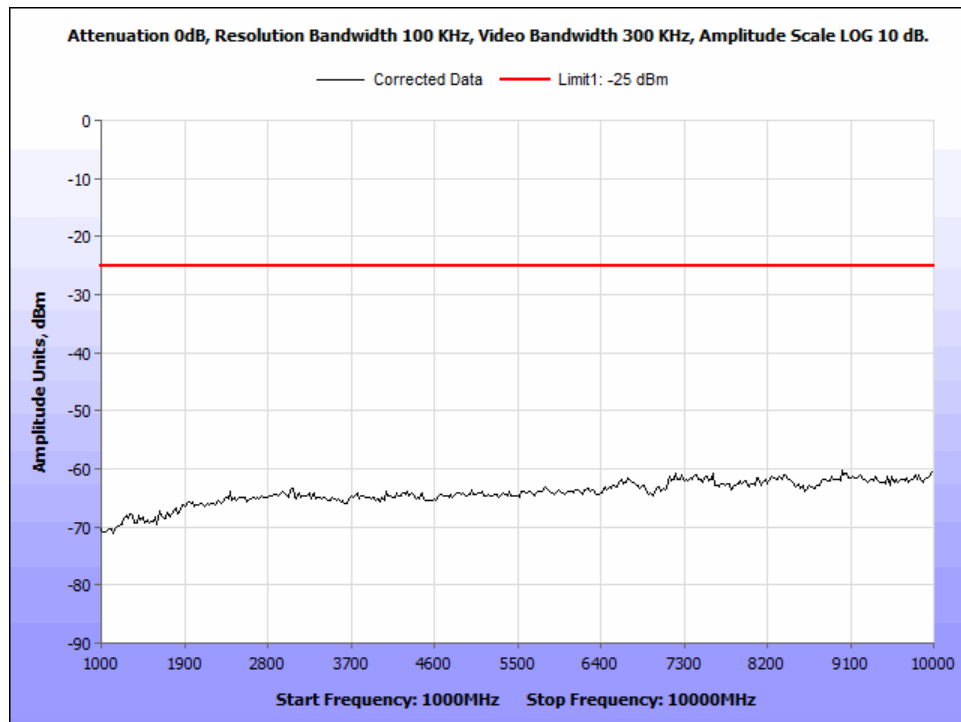


Figure 60. Cabinet Radiated Spurious Emissions_FCC Part90 lowband_channel 903.25MHz_1-10GHz

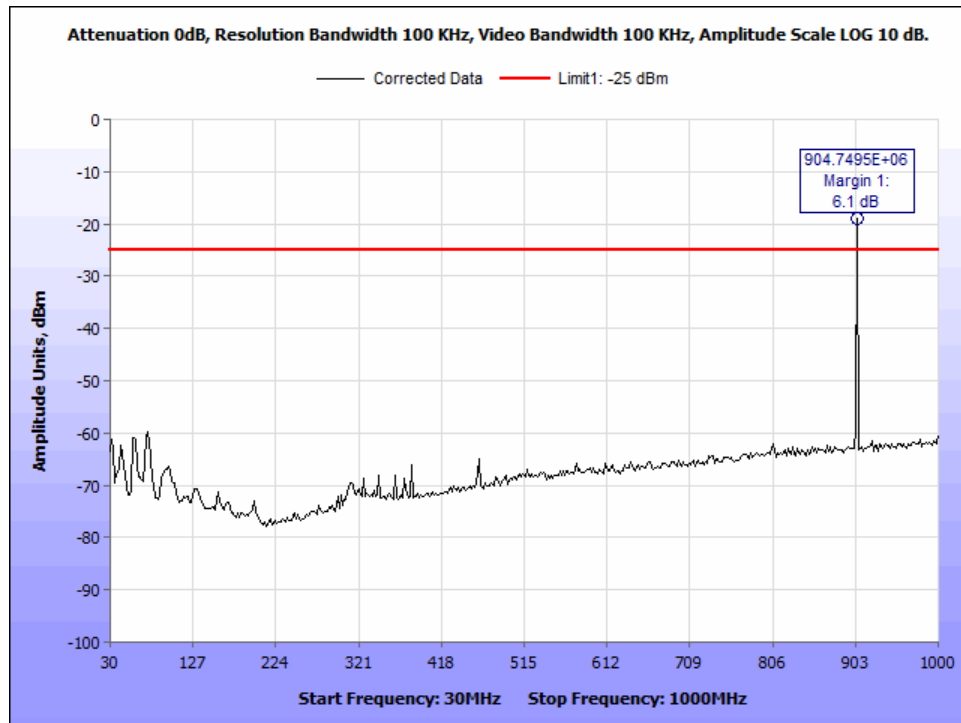


Figure 61. Cabinet Radiated Spurious Emissions_FCC Part90 lowband_channel 903.25MHz_30-1000MHz



Figure 62. REE Test Setup below 1GHz

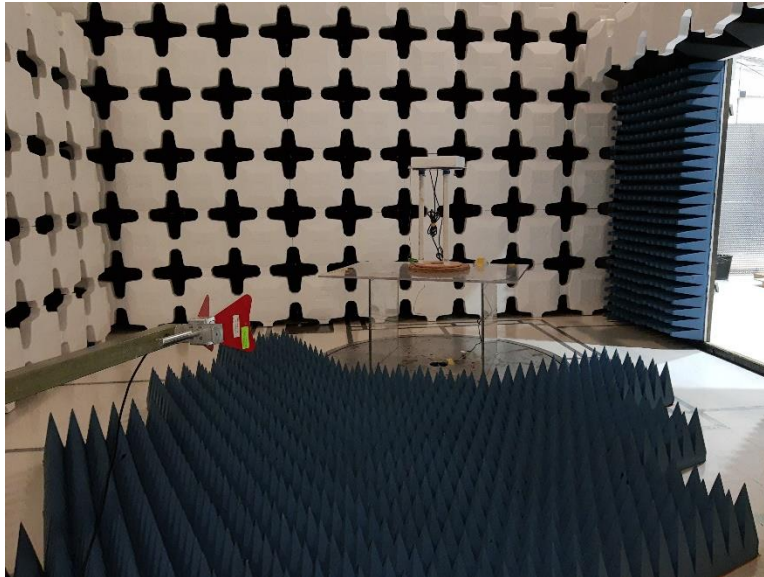


Figure 63.REE Test Setup above 1GHz

90.213 Frequency Stability



Figure 64. Frequency Stability Test Setup

2.1091 RF Exposure

*No appendix data.