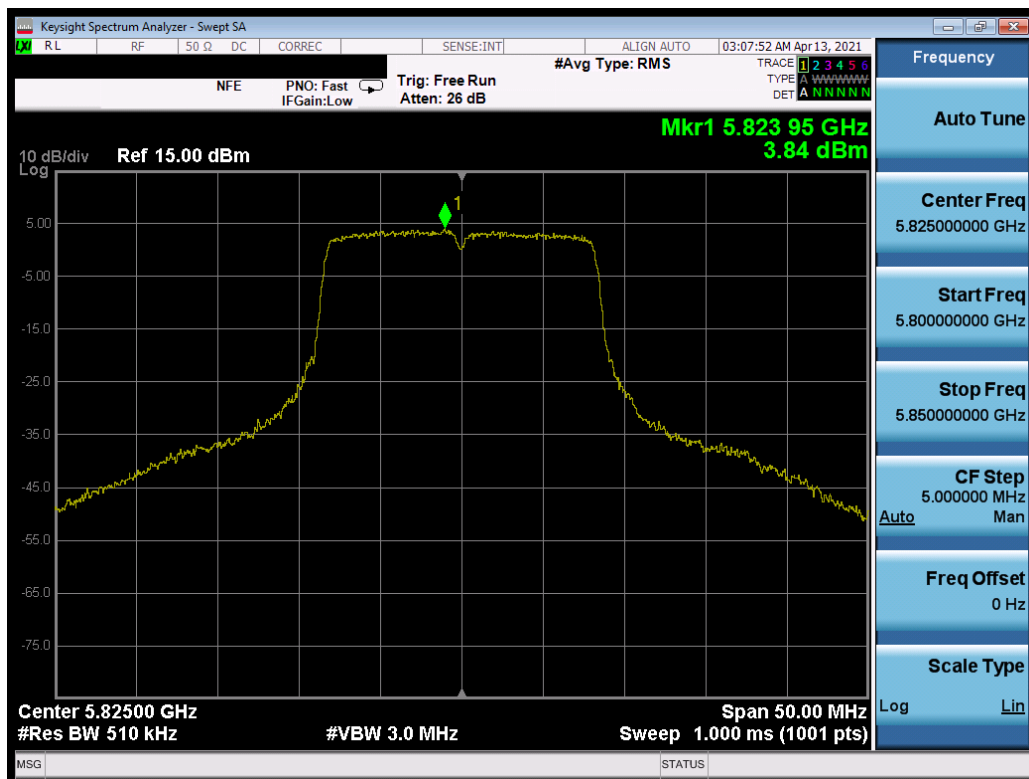
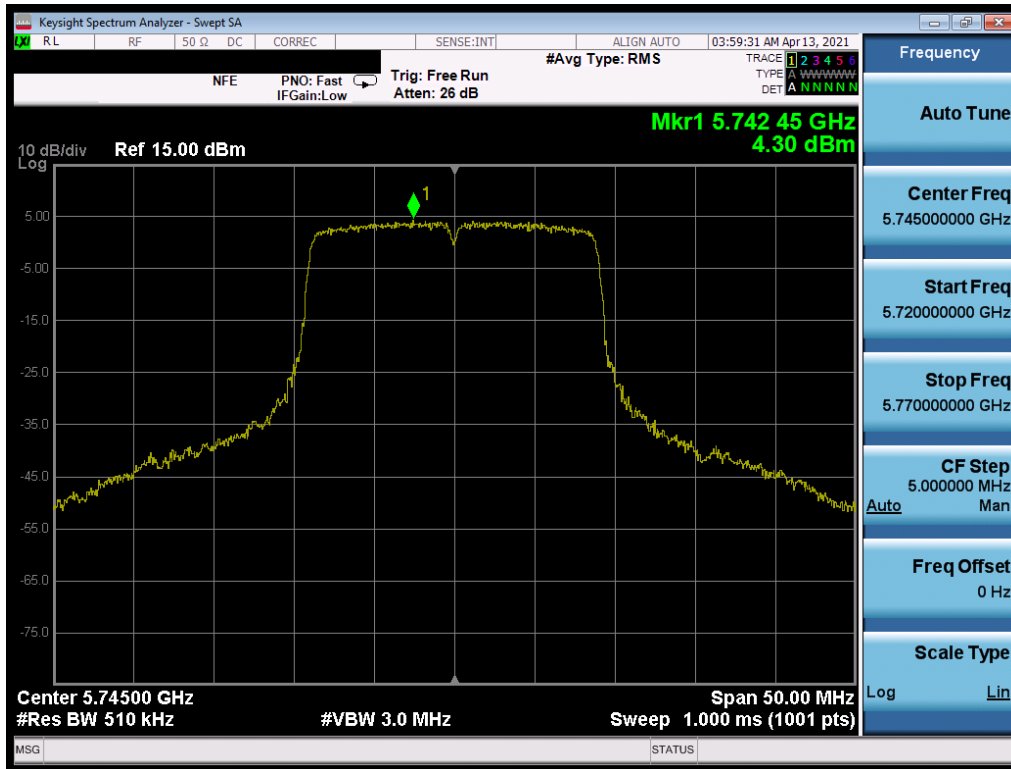


Plot 7-267. Power Spectral Density Plot (802.11a (UNII Band 3) – Ch. 157)

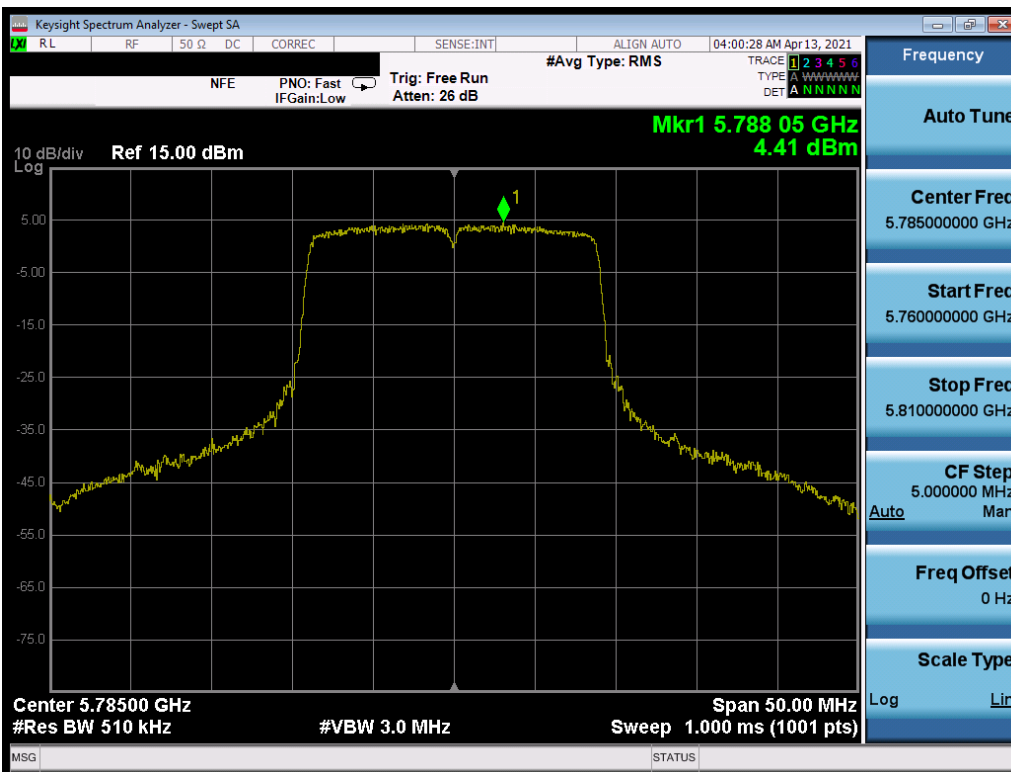


Plot 7-268. Power Spectral Density Plot (802.11a (UNII Band 3) – Ch. 165)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 164 of 309 |

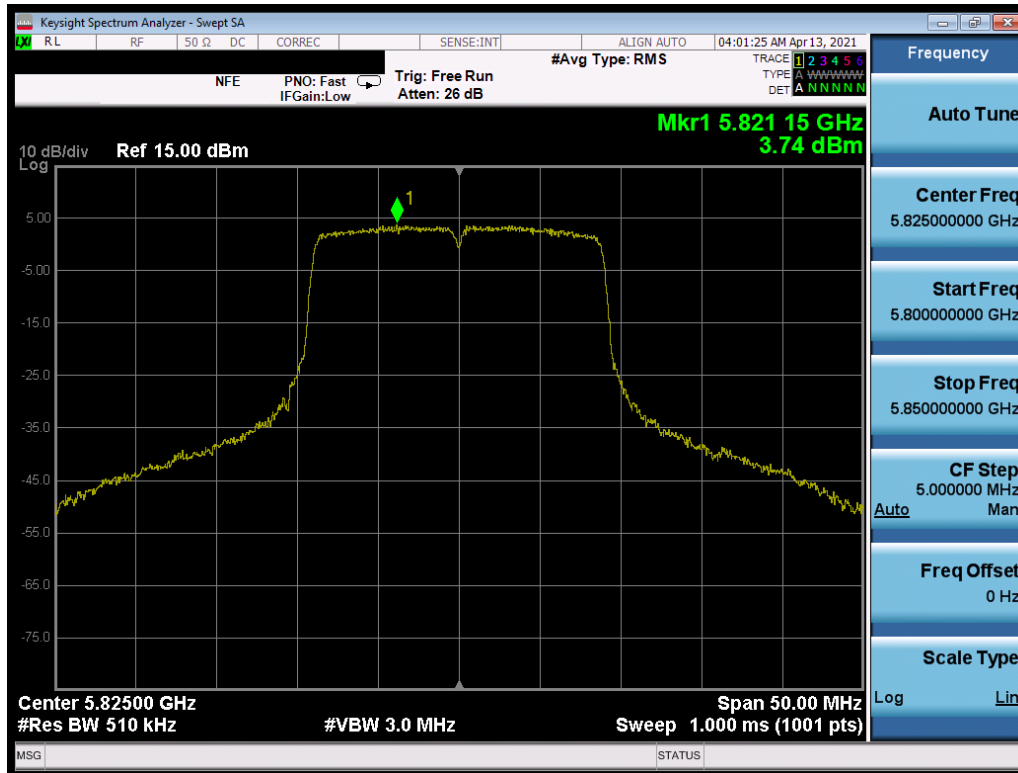


Plot 7-269. Power Spectral Density Plot (20MHz 802.11n (UNII Band 3) – Ch. 149)

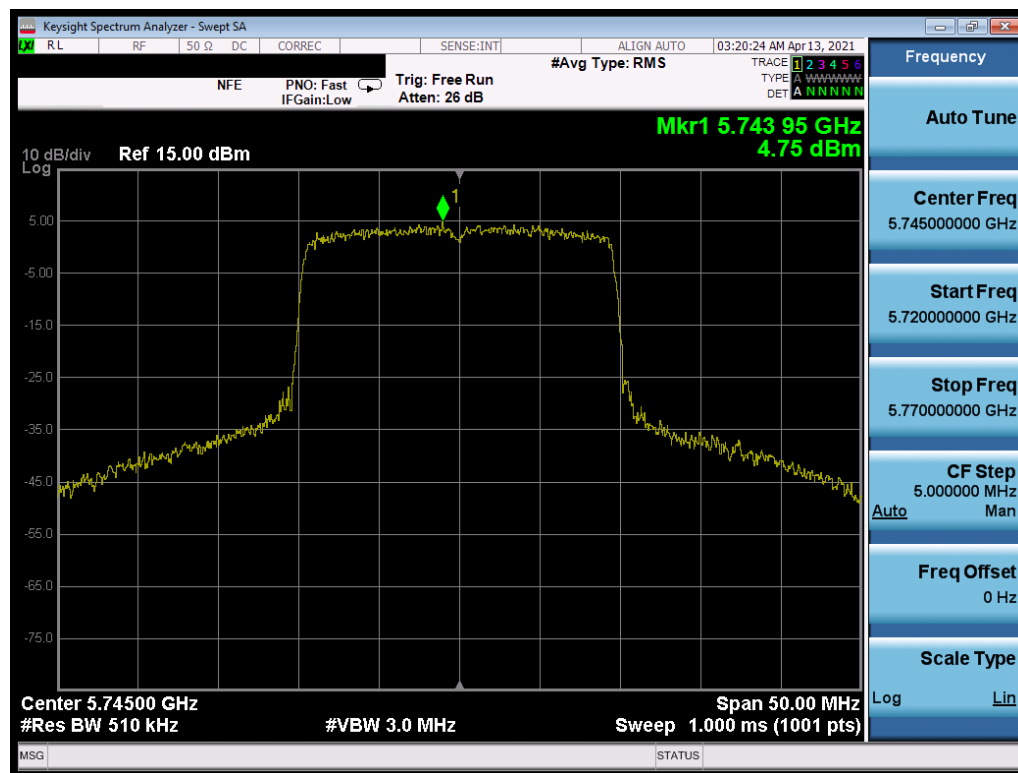


Plot 7-270. Power Spectral Density Plot (20MHz 802.11n (UNII Band 3) – Ch. 157)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 165 of 309 |

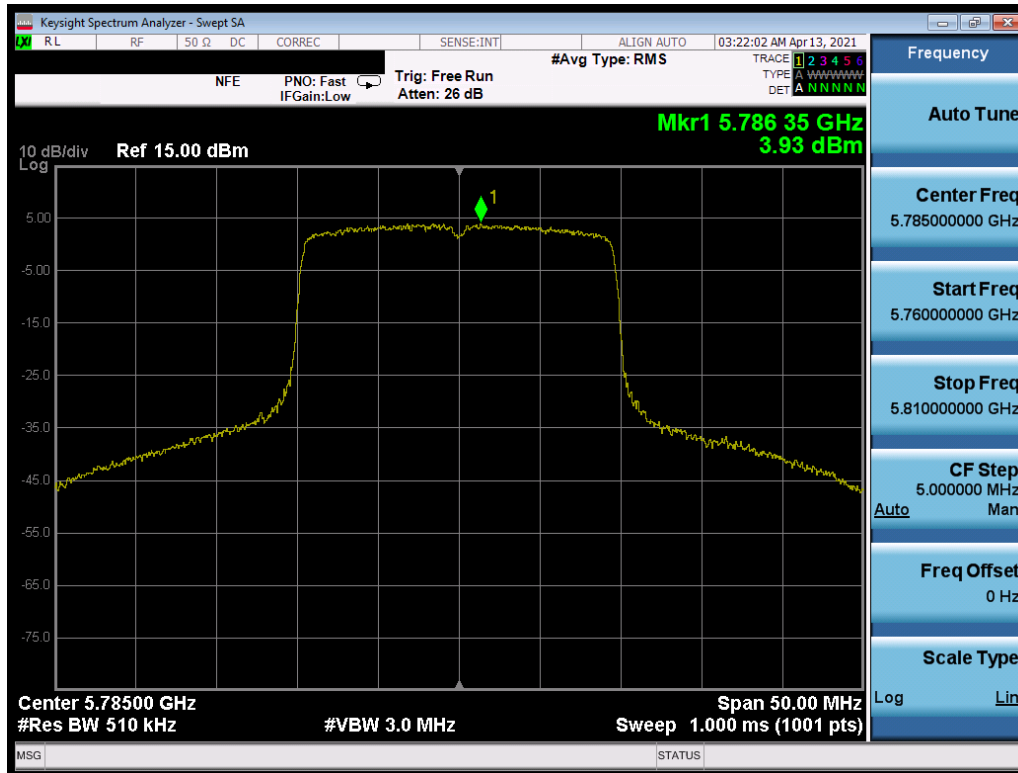


Plot 7-271. Power Spectral Density Plot (20MHz 802.11n (UNII Band 3) – Ch. 165)

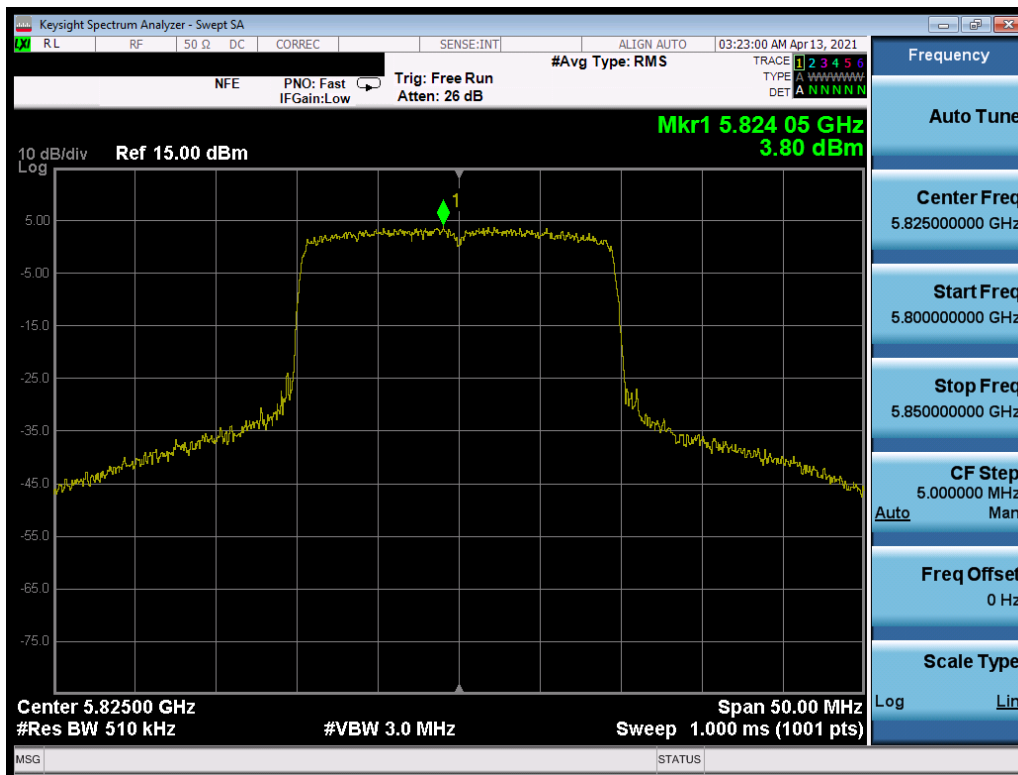


Plot 7-272. Power Spectral Density Plot (20MHz 802.11ax (UNII Band 3) – Ch. 149)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 166 of 309 |

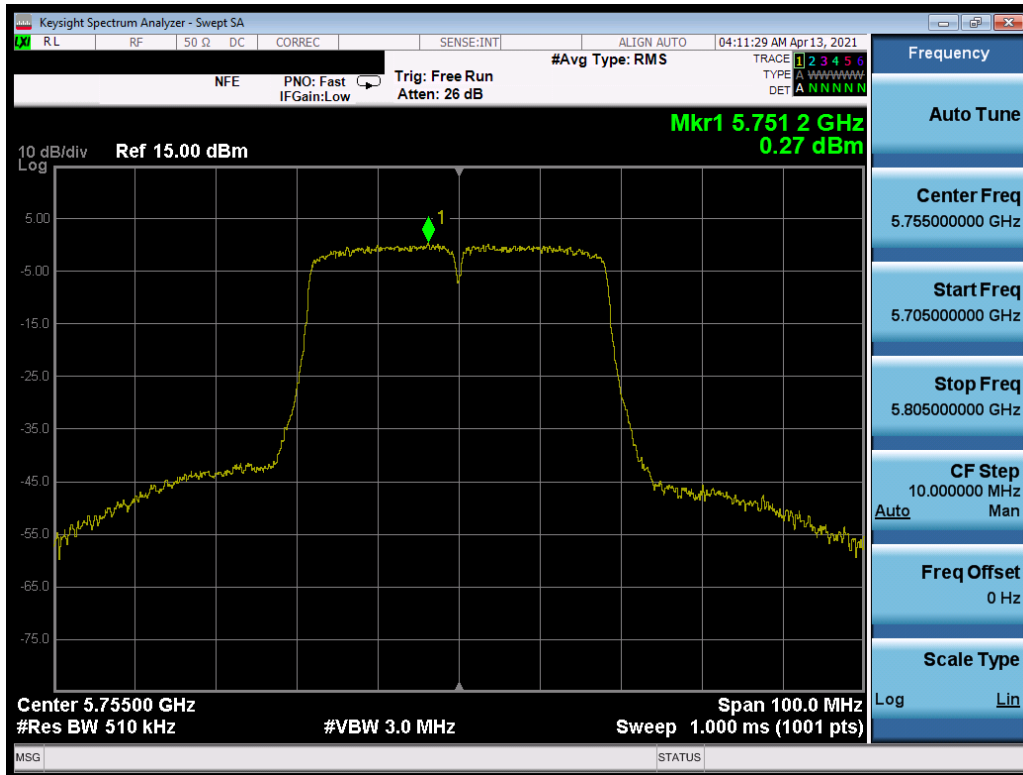


Plot 7-273. Power Spectral Density Plot (20MHz 802.11ax (UNII Band 3) – Ch. 157)

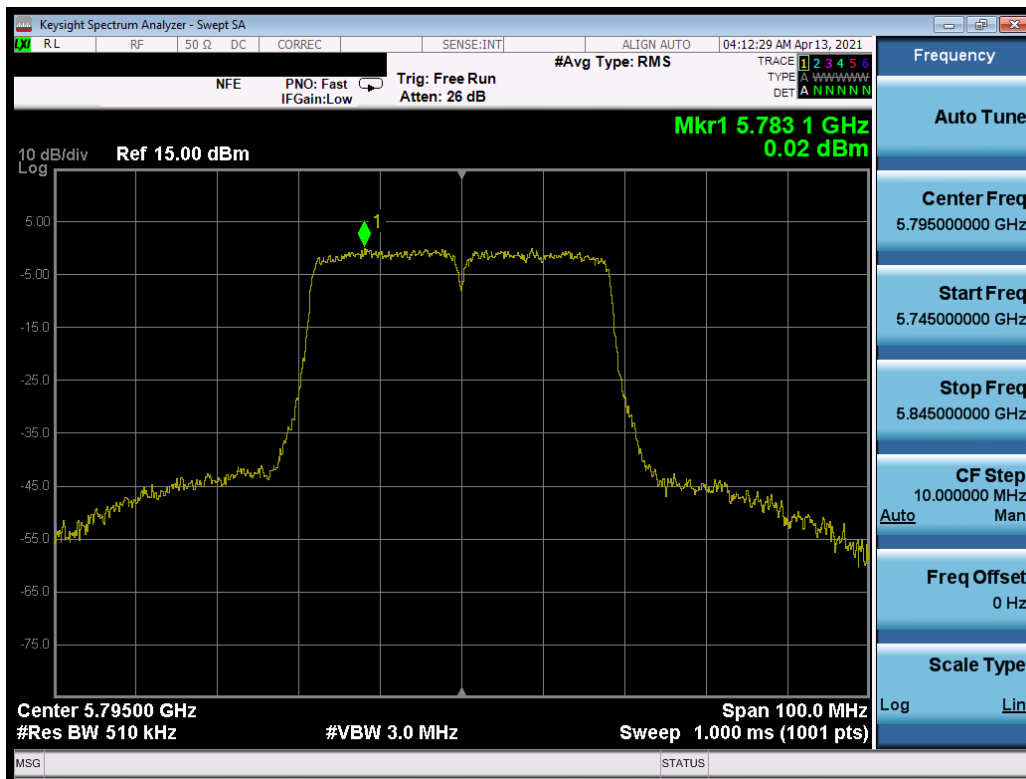


Plot 7-274. Power Spectral Density Plot (20MHz 802.11ax (UNII Band 3) – Ch. 165)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 167 of 309 |

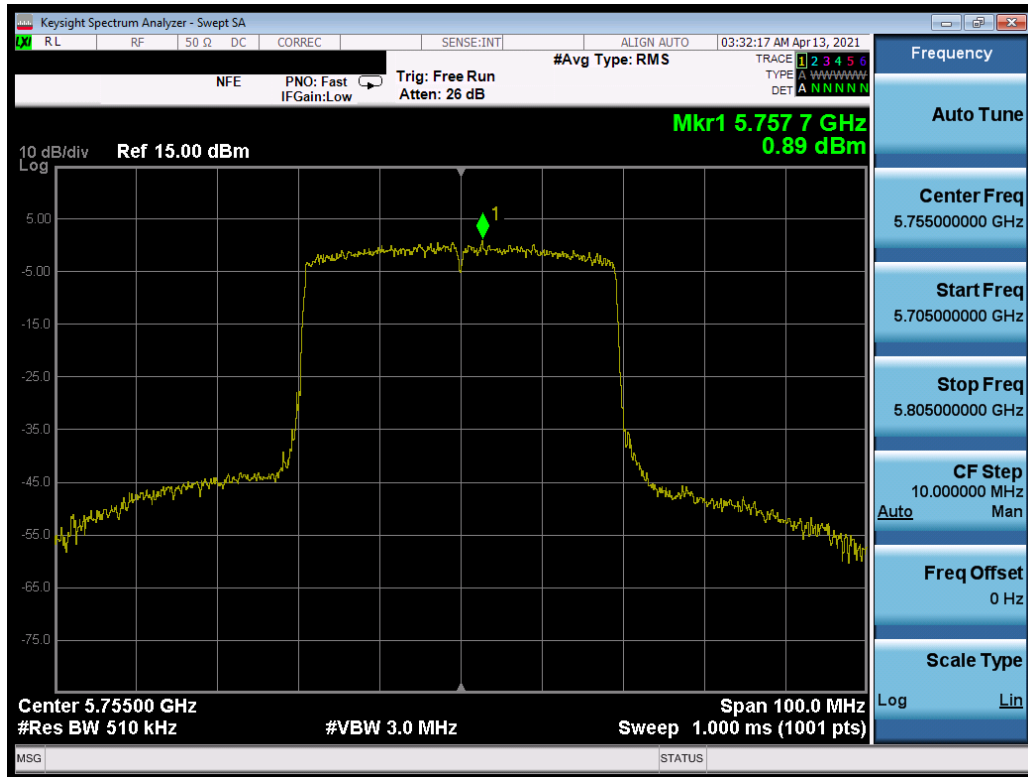


Plot 7-275. Power Spectral Density Plot (40MHz 802.11n (UNII Band 3) – Ch. 151)

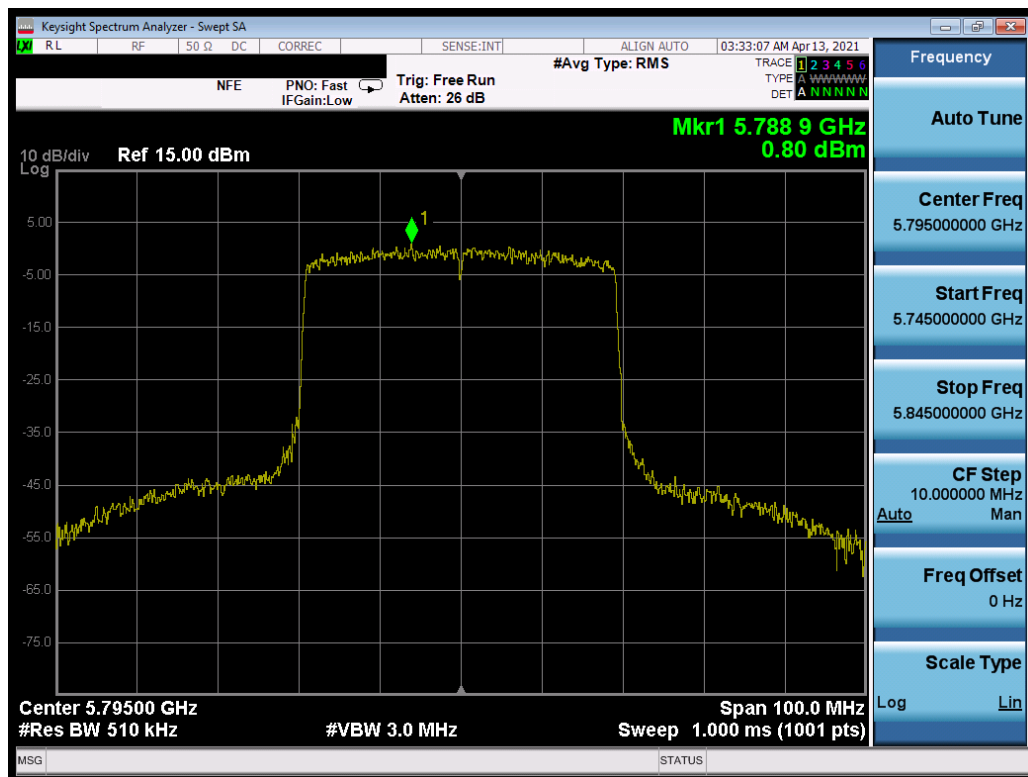


Plot 7-276. Power Spectral Density Plot (40MHz 802.11n (UNII Band 3) – Ch. 159)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 168 of 309 |

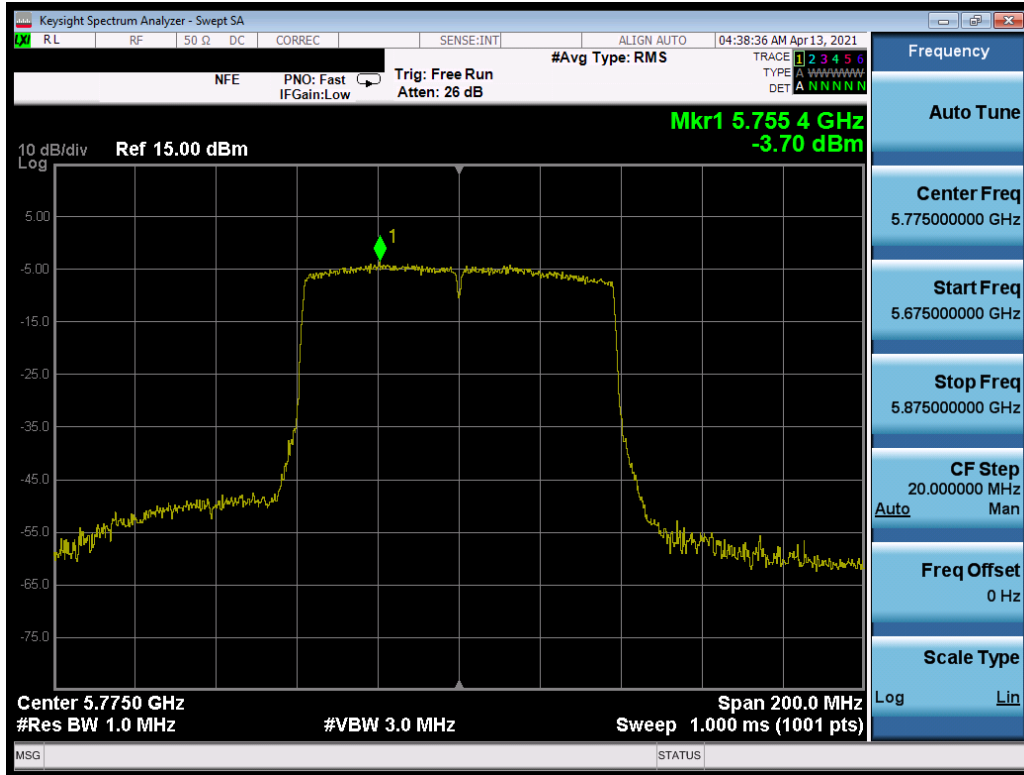


Plot 7-277. Power Spectral Density Plot (40MHz 802.11ax (UNII Band 3) – Ch. 151)

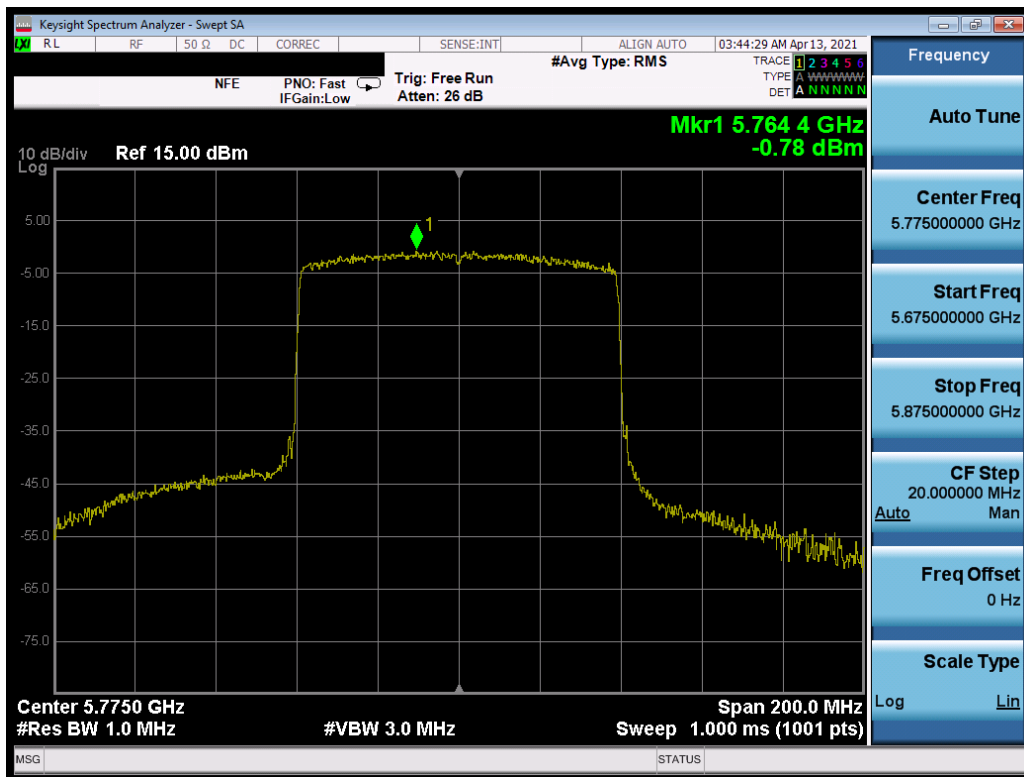


Plot 7-278. Power Spectral Density Plot (40MHz 802.11ax (UNII Band 3) – Ch. 159)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 169 of 309 |



Plot 7-279. Power Spectral Density Plot (80MHz 802.11ac (UNII Band 3) – Ch. 155)



Plot 7-280. Power Spectral Density Plot (80MHz 802.11ax (UNII Band 3) – Ch. 155)

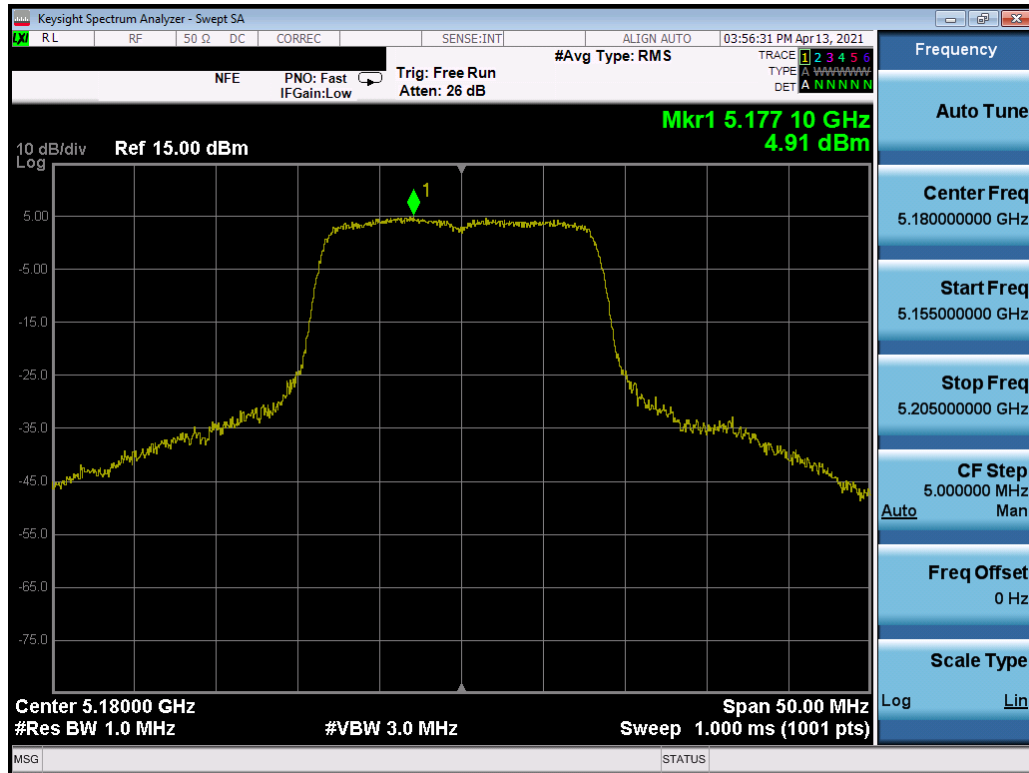
| | | | | |
|---|---|---------------------------------------|---|-----------------------------------|
| FCC ID: A3LSMF926B |  | MEASUREMENT REPORT (CERTIFICATION) |  | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 170 of 309 |

MIMO Power Spectral Density Measurements

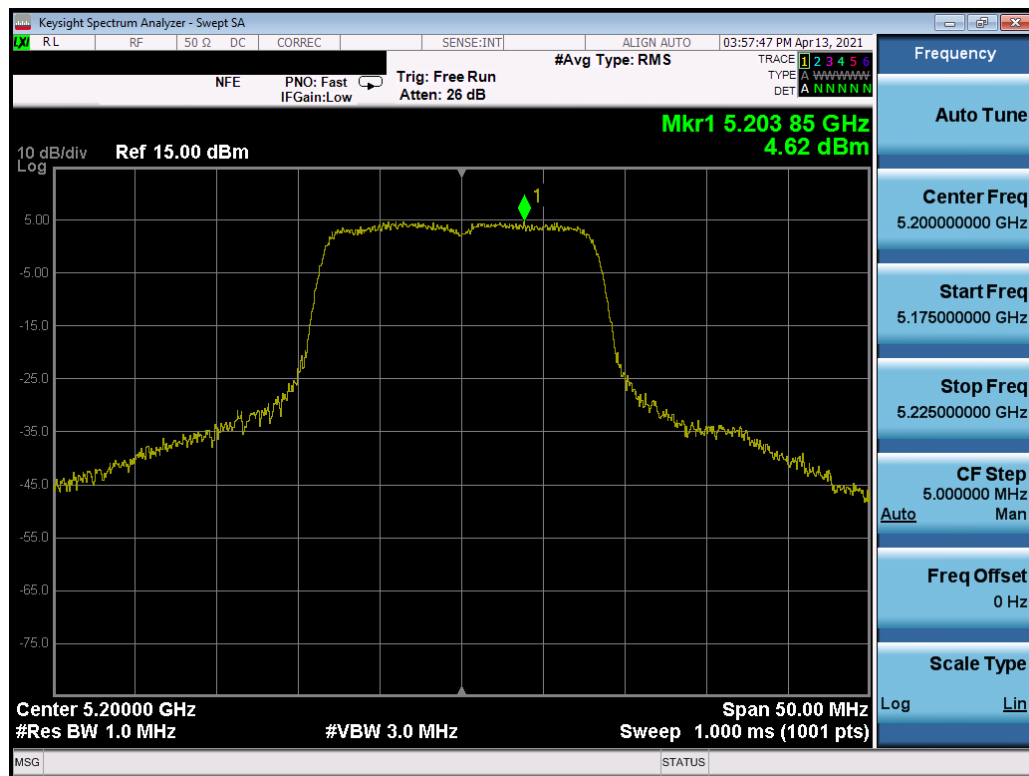
| | Frequency [MHz] | Channel No. | 802.11 Mode | Data Rate [Mbps] | Antenna-1 Power Density [dBm] | Antenna-2 Power Density [dBm] | Summed MIMO Power Density [dBm] | Max Power Density [dBm/MHz] | Margin [dB] |
|-----------|-----------------|-------------|-------------|------------------|-------------------------------|-------------------------------|---------------------------------|-----------------------------|-------------|
| Band 1 | 5180 | 36 | a | 6 | 4.91 | 3.93 | 7.46 | 11.0 | -3.54 |
| | 5200 | 40 | a | 6 | 4.62 | 3.89 | 7.28 | 11.0 | -3.72 |
| | 5240 | 48 | a | 6 | 5.18 | 4.11 | 7.69 | 11.0 | -3.31 |
| | 5180 | 36 | n (20MHz) | 6.5/7.2 (MCS0) | 4.52 | 4.10 | 7.33 | 11.0 | -3.67 |
| | 5200 | 40 | n (20MHz) | 6.5/7.2 (MCS0) | 4.21 | 3.86 | 7.05 | 11.0 | -3.95 |
| | 5240 | 48 | n (20MHz) | 6.5/7.2 (MCS0) | 4.81 | 4.28 | 7.56 | 11.0 | -3.44 |
| | 5180 | 36 | ax (20MHz) | 6.5/7.2 (MCS0) | 4.28 | 4.01 | 7.16 | 11.0 | -3.84 |
| | 5200 | 40 | ax (20MHz) | 6.5/7.2 (MCS0) | 4.64 | 3.93 | 7.31 | 11.0 | -3.69 |
| | 5240 | 48 | ax (20MHz) | 6.5/7.2 (MCS0) | 4.73 | 4.43 | 7.59 | 11.0 | -3.41 |
| | 5190 | 38 | n (40MHz) | 13.5/15 (MCS0) | 0.93 | 0.82 | 3.89 | 11.0 | -7.11 |
| | 5230 | 46 | n (40MHz) | 13.5/15 (MCS0) | 1.43 | 0.50 | 4.00 | 11.0 | -7.00 |
| | 5190 | 38 | ax (40MHz) | 13.5/15 (MCS0) | 1.12 | 1.07 | 4.11 | 11.0 | -6.89 |
| | 5230 | 46 | ax (40MHz) | 13.5/15 (MCS0) | 1.35 | 0.42 | 3.92 | 11.0 | -7.08 |
| | 5210 | 42 | ac (80MHz) | 29.3/32.5 (MCS0) | -2.81 | -3.34 | -0.06 | 11.0 | -11.06 |
| Band 1/2A | 5210 | 42 | ax (80MHz) | 29.3/32.5 (MCS0) | -2.73 | -3.59 | -0.13 | 11.0 | -11.13 |
| | 5250 | 50 | ac (160MHz) | 58.5/65 (MCS0) | -4.95 | -6.28 | -2.55 | 11.0 | -13.55 |
| Band 2A | 5250 | 50 | ax (160MHz) | 58.5/65 (MCS0) | -5.30 | -6.01 | -2.63 | 11.0 | -13.63 |
| | 5260 | 52 | a | 6 | 5.54 | 4.45 | 8.04 | 11.0 | -2.96 |
| | 5280 | 56 | a | 6 | 5.97 | 4.48 | 8.30 | 11.0 | -2.70 |
| | 5320 | 64 | a | 6 | 5.84 | 4.92 | 8.41 | 11.0 | -2.59 |
| | 5260 | 52 | n (20MHz) | 6.5/7.2 (MCS0) | 5.14 | 4.55 | 7.87 | 11.0 | -3.13 |
| | 5280 | 56 | n (20MHz) | 6.5/7.2 (MCS0) | 5.54 | 4.62 | 8.11 | 11.0 | -2.89 |
| | 5320 | 64 | n (20MHz) | 6.5/7.2 (MCS0) | 5.74 | 5.12 | 8.45 | 11.0 | -2.55 |
| | 5260 | 52 | ax (20MHz) | 6.5/7.2 (MCS0) | 4.75 | 4.04 | 7.42 | 11.0 | -3.58 |
| | 5280 | 56 | ax (20MHz) | 6.5/7.2 (MCS0) | 4.66 | 4.08 | 7.39 | 11.0 | -3.61 |
| | 5320 | 64 | ax (20MHz) | 6.5/7.2 (MCS0) | 5.24 | 4.37 | 7.84 | 11.0 | -3.16 |
| | 5270 | 54 | n (40MHz) | 13.5/15 (MCS0) | 1.76 | 1.06 | 4.43 | 11.0 | -6.57 |
| | 5310 | 62 | n (40MHz) | 13.5/15 (MCS0) | 1.94 | 1.39 | 4.68 | 11.0 | -6.32 |
| | 5270 | 54 | ax (40MHz) | 13.5/15 (MCS0) | 1.45 | 0.95 | 4.22 | 11.0 | -6.78 |
| | 5310 | 62 | ax (40MHz) | 13.5/15 (MCS0) | 1.56 | 0.77 | 4.19 | 11.0 | -6.81 |
| Band 2C | 5290 | 58 | ac (80MHz) | 29.3/32.5 (MCS0) | -2.30 | -3.23 | 0.27 | 11.0 | -10.73 |
| | 5290 | 58 | ax (80MHz) | 29.3/32.5 (MCS0) | -1.78 | -2.58 | 0.85 | 11.0 | -10.15 |
| | 5500 | 100 | a | 6 | 4.30 | 3.47 | 6.92 | 11.0 | -4.08 |
| | 5600 | 120 | a | 6 | 5.13 | 4.00 | 7.61 | 11.0 | -3.39 |
| | 5720 | 144 | a | 6 | 4.44 | 3.39 | 6.96 | 11.0 | -4.04 |
| | 5500 | 100 | n (20MHz) | 6.5/7.2 (MCS0) | 3.74 | 3.75 | 6.76 | 11.0 | -4.24 |
| | 5600 | 120 | n (20MHz) | 6.5/7.2 (MCS0) | 5.02 | 4.36 | 7.71 | 11.0 | -3.29 |
| | 5720 | 144 | n (20MHz) | 6.5/7.2 (MCS0) | 3.60 | 3.72 | 6.67 | 11.0 | -4.33 |
| | 5500 | 100 | ax (20MHz) | 6.5/7.2 (MCS0) | 3.75 | 3.80 | 6.79 | 11.0 | -4.21 |
| | 5600 | 120 | ax (20MHz) | 6.5/7.2 (MCS0) | 4.50 | 4.33 | 7.43 | 11.0 | -3.57 |
| | 5720 | 144 | ax (20MHz) | 6.5/7.2 (MCS0) | 4.00 | 3.69 | 6.86 | 11.0 | -4.14 |
| | 5510 | 102 | n (40MHz) | 13.5/15 (MCS0) | 0.68 | 0.53 | 3.62 | 11.0 | -7.38 |
| | 5590 | 118 | n (40MHz) | 13.5/15 (MCS0) | 1.08 | 0.77 | 3.94 | 11.0 | -7.06 |
| | 5710 | 142 | n (40MHz) | 13.5/15 (MCS0) | 0.76 | 0.66 | 3.72 | 11.0 | -7.28 |
| | 5510 | 102 | ax (40MHz) | 13.5/15 (MCS0) | 0.47 | 0.42 | 3.46 | 11.0 | -7.54 |
| | 5590 | 118 | ax (40MHz) | 13.5/15 (MCS0) | 0.83 | 0.41 | 3.64 | 11.0 | -7.36 |
| | 5710 | 142 | ax (40MHz) | 13.5/15 (MCS0) | 0.49 | 0.46 | 3.49 | 11.0 | -7.51 |
| | 5530 | 106 | ac (80MHz) | 29.3/32.5 (MCS0) | -2.79 | -2.98 | 0.13 | 11.0 | -10.87 |
| | 5610 | 122 | ac (80MHz) | 29.3/32.5 (MCS0) | -2.39 | -2.48 | 0.58 | 11.0 | -10.42 |
| | 5690 | 138 | ac (80MHz) | 29.3/32.5 (MCS0) | -2.78 | -3.39 | -0.06 | 11.0 | -11.06 |
| | 5530 | 106 | ax (80MHz) | 29.3/32.5 (MCS0) | -2.84 | -2.68 | 0.25 | 11.0 | -10.75 |
| | 5610 | 122 | ax (80MHz) | 29.3/32.5 (MCS0) | -3.09 | -3.26 | -0.16 | 11.0 | -11.16 |
| | 5690 | 138 | ax (80MHz) | 29.3/32.5 (MCS0) | -1.77 | -2.34 | 0.96 | 11.0 | -10.04 |
| | 5570 | 114 | ac (160MHz) | 58.5/65 (MCS0) | -5.35 | -5.90 | -2.60 | 11.0 | -13.60 |
| | 5570 | 114 | ax (160MHz) | 58.5/65 (MCS0) | -4.92 | -5.53 | -2.20 | 11.0 | -13.20 |

Table 7-23. Band 1, 2A, 2C Conducted Power Spectral Density Measurements MIMO

| | | | | |
|---|---|---------------------------------------|---|-----------------------------------|
| FCC ID: A3LSMF926B |  | MEASUREMENT REPORT (CERTIFICATION) |  | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 171 of 309 |

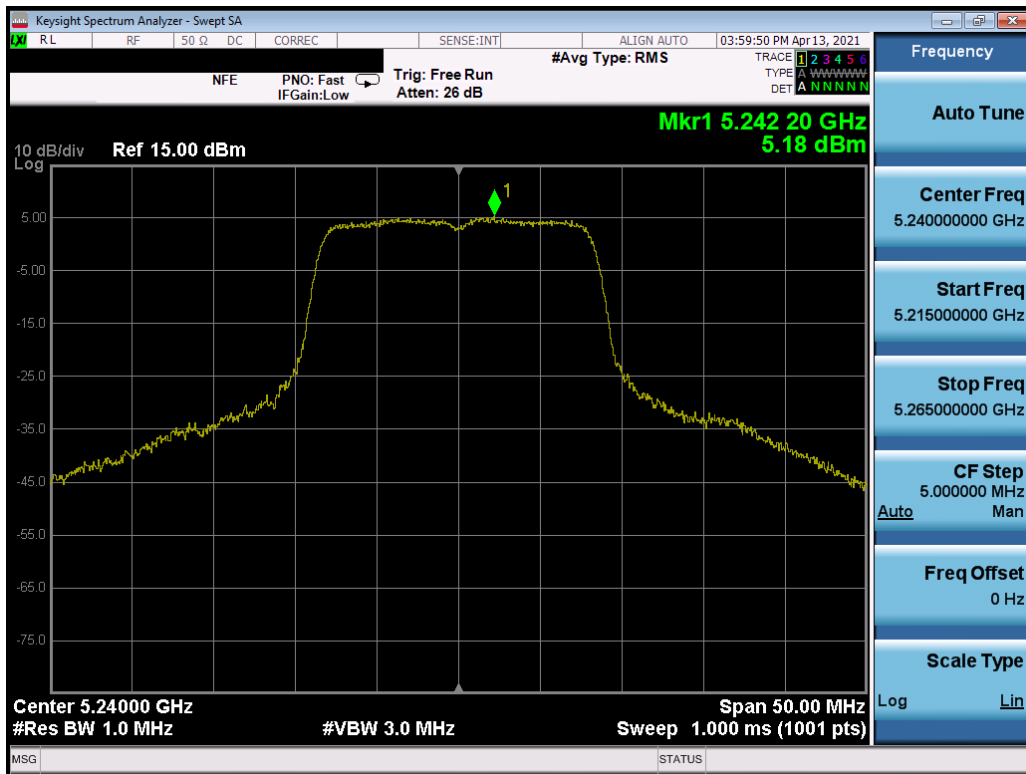


Plot 7-281. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 1) – Ch. 36)

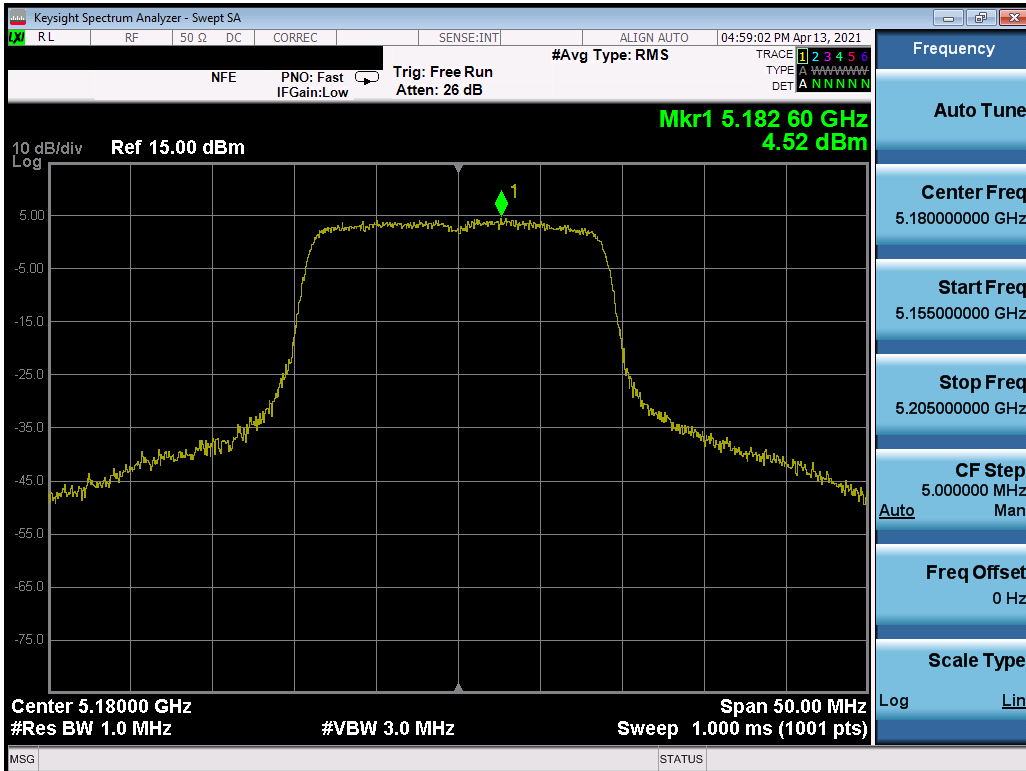


Plot 7-282. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 1) – Ch. 40)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 172 of 309 |

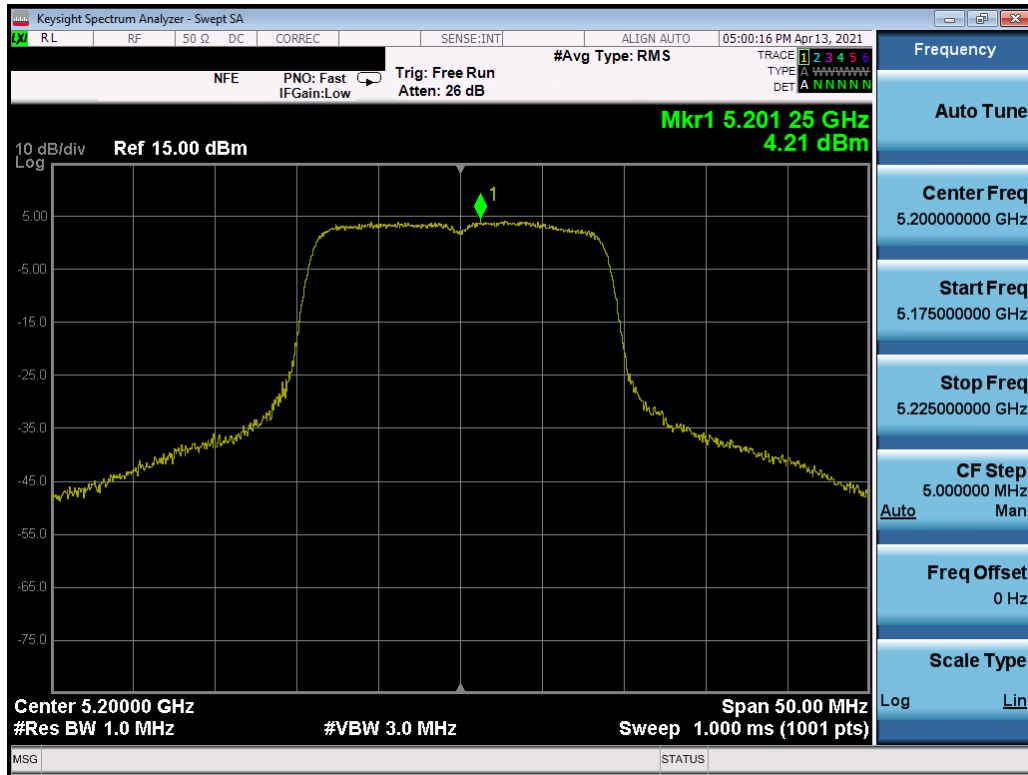


Plot 7-283. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 1) – Ch. 48)

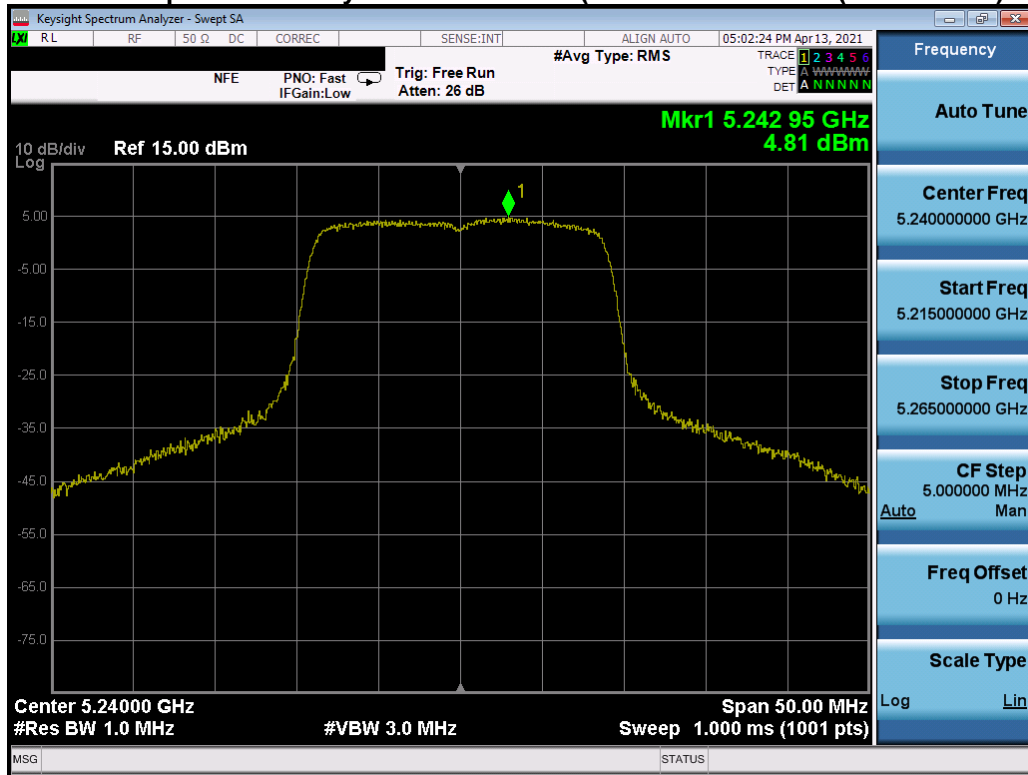


Plot 7-284. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 1) – Ch. 36)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 173 of 309 |

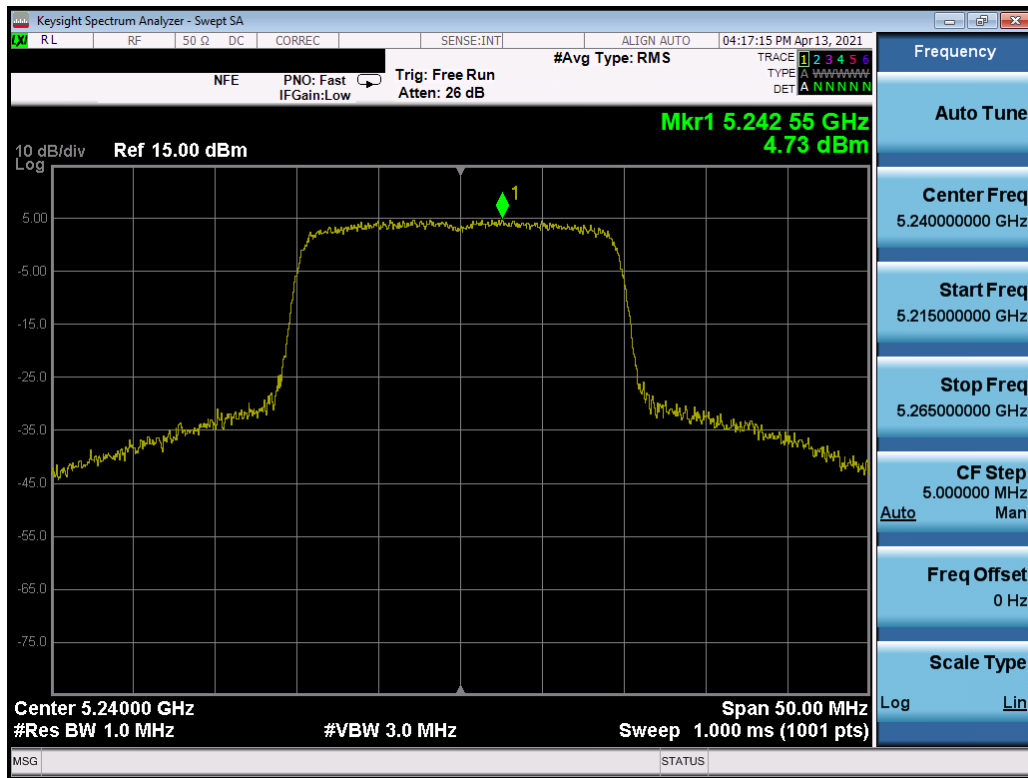


Plot 7-285. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 1) – Ch. 40)

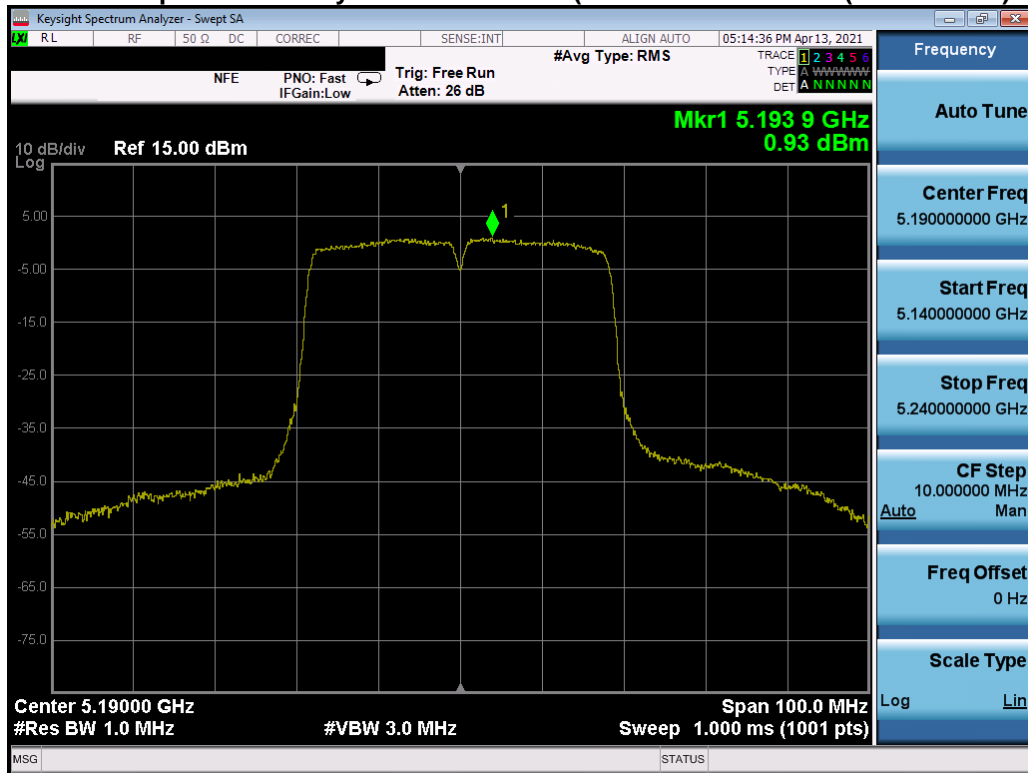


Plot 7-286. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 1) – Ch. 48)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 174 of 309 |

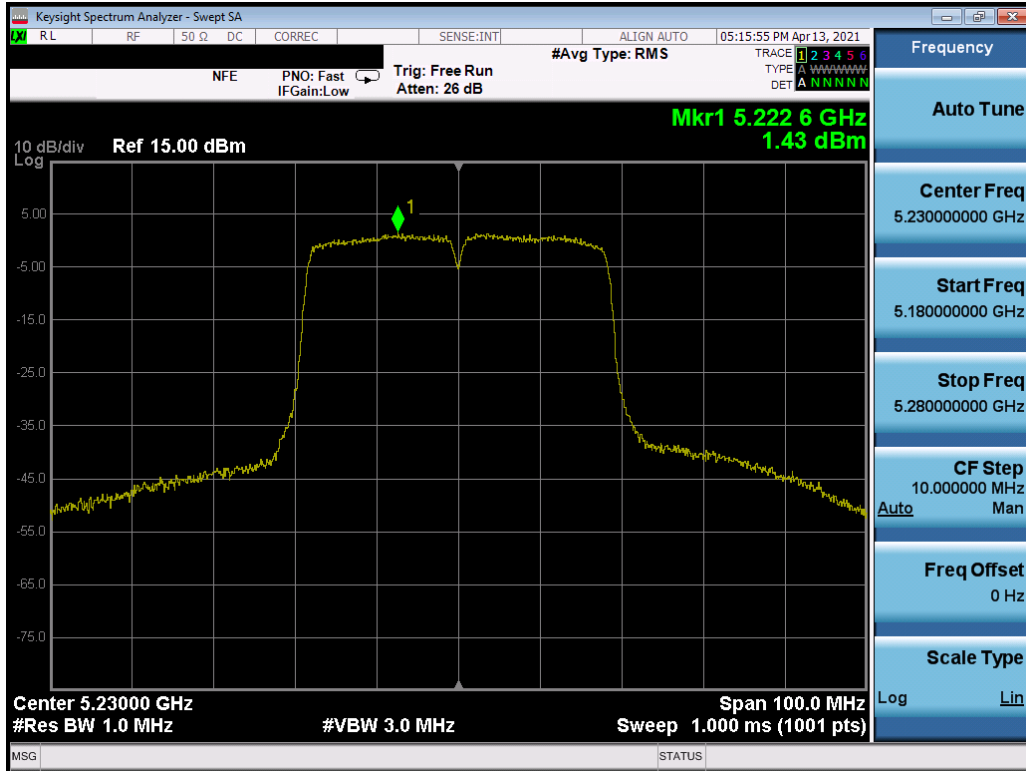


Plot 7-289. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 1) – Ch. 48)

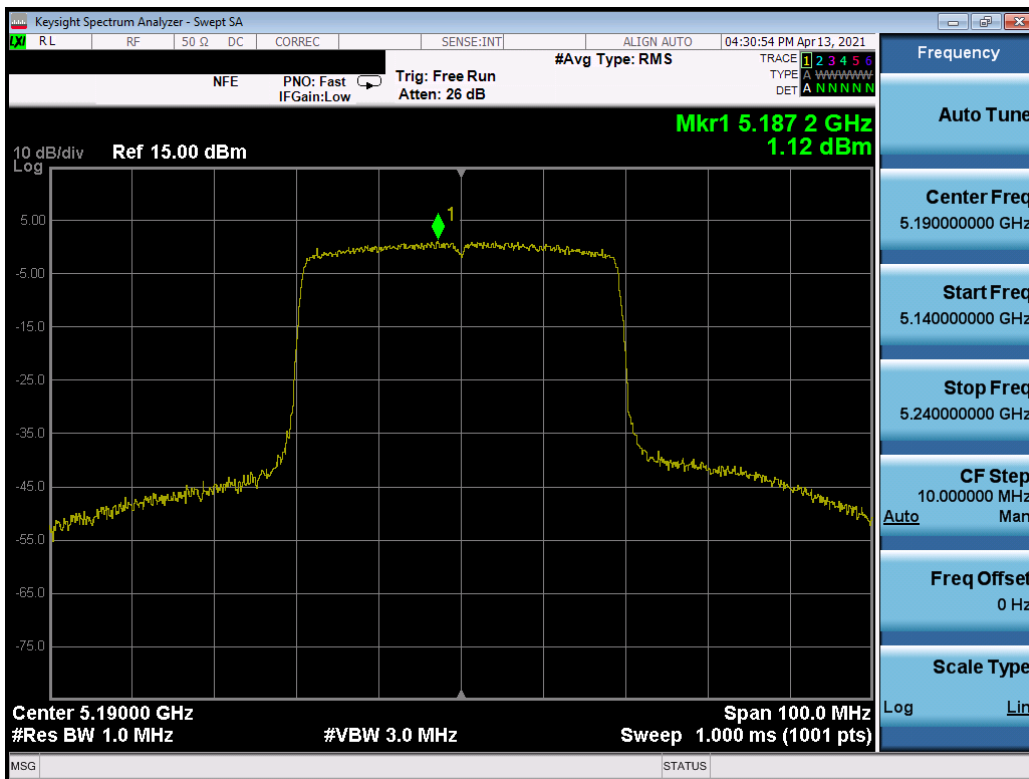


Plot 7-290. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 1) – Ch. 38)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 176 of 309 |

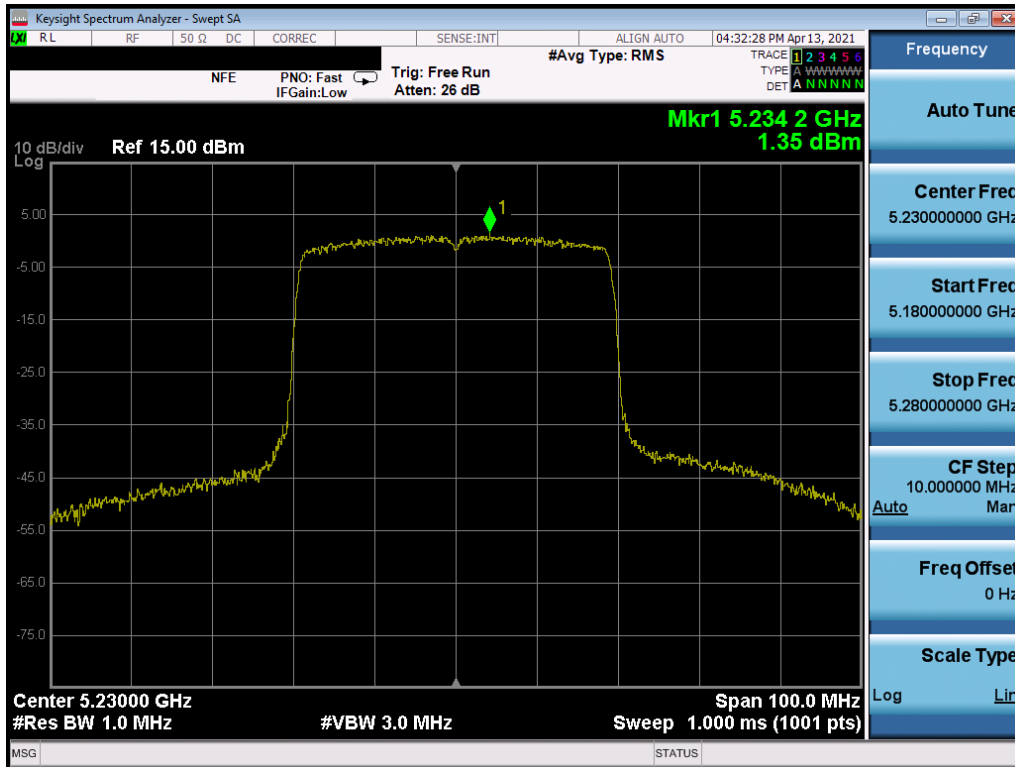


Plot 7-291. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 1) – Ch. 46)

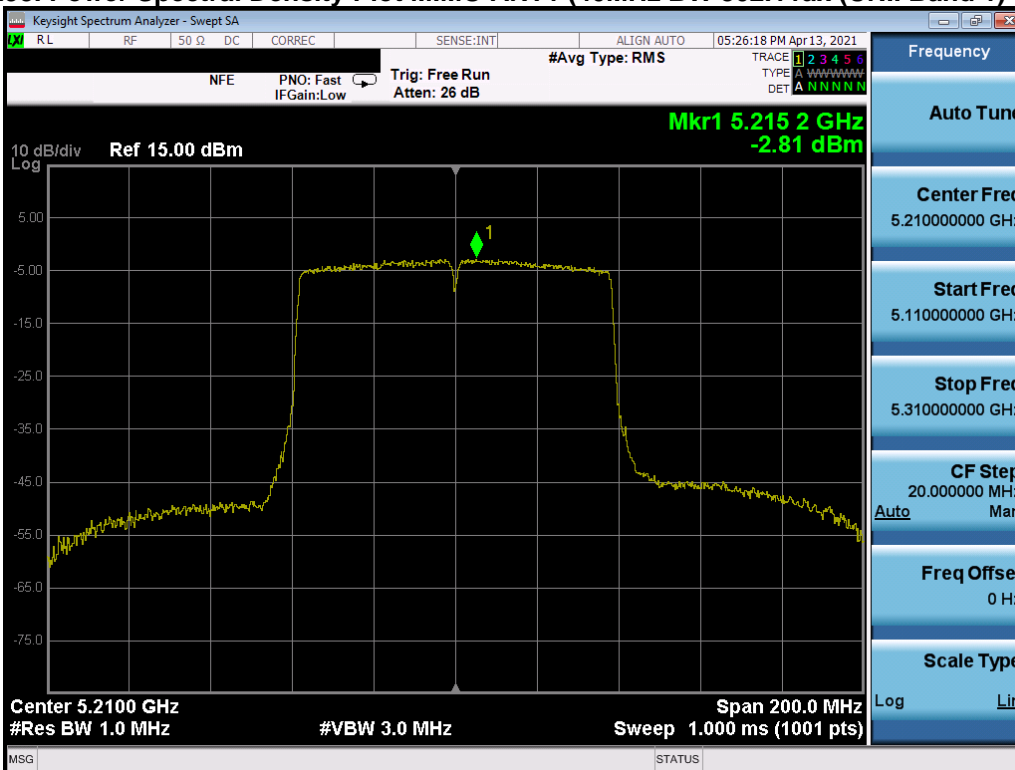


Plot 7-292. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 1) – Ch. 38)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 177 of 309 |

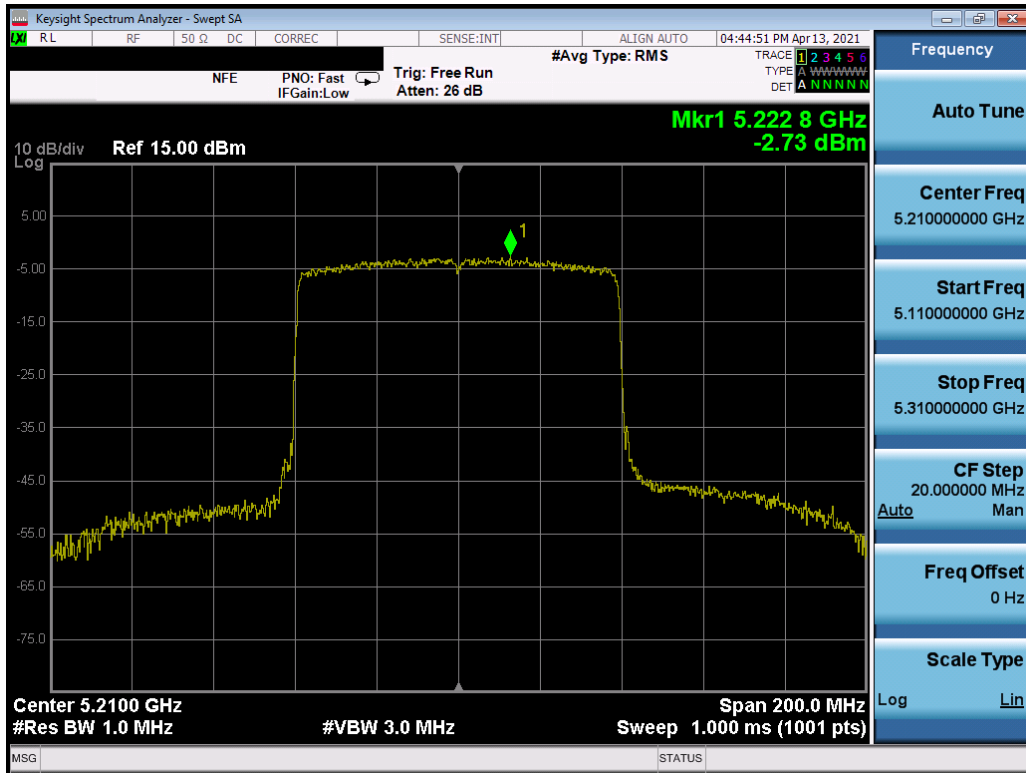


Plot 7-293. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 1) – Ch. 46)

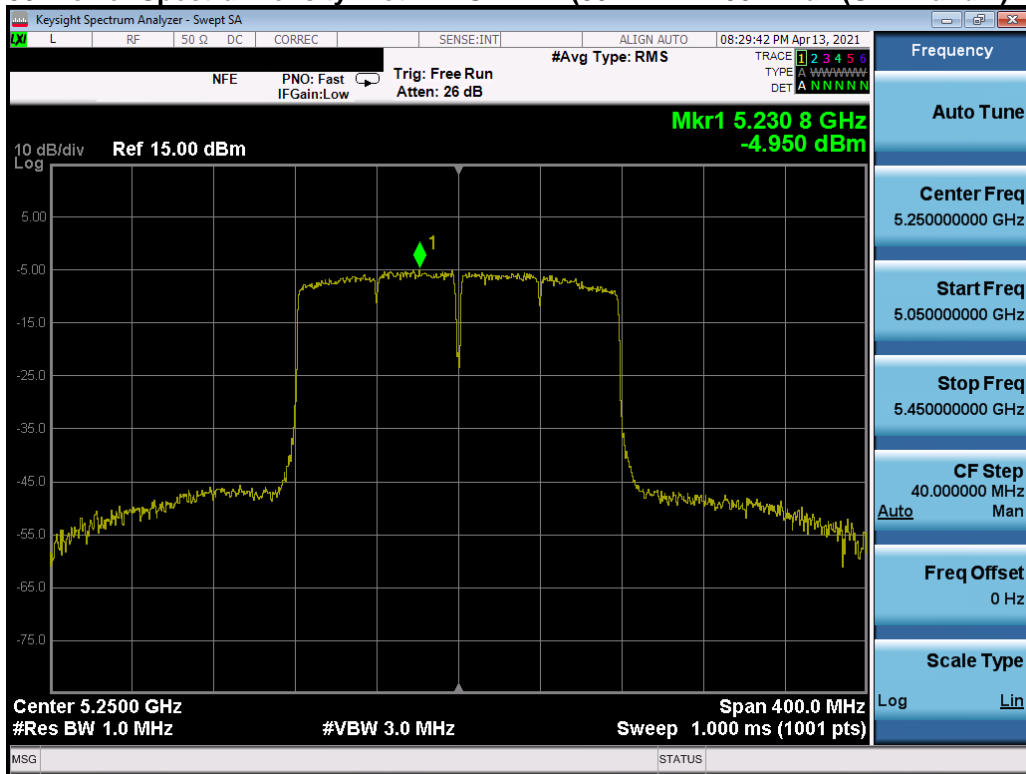


Plot 7-294. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 1) – Ch. 42)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 178 of 309 |

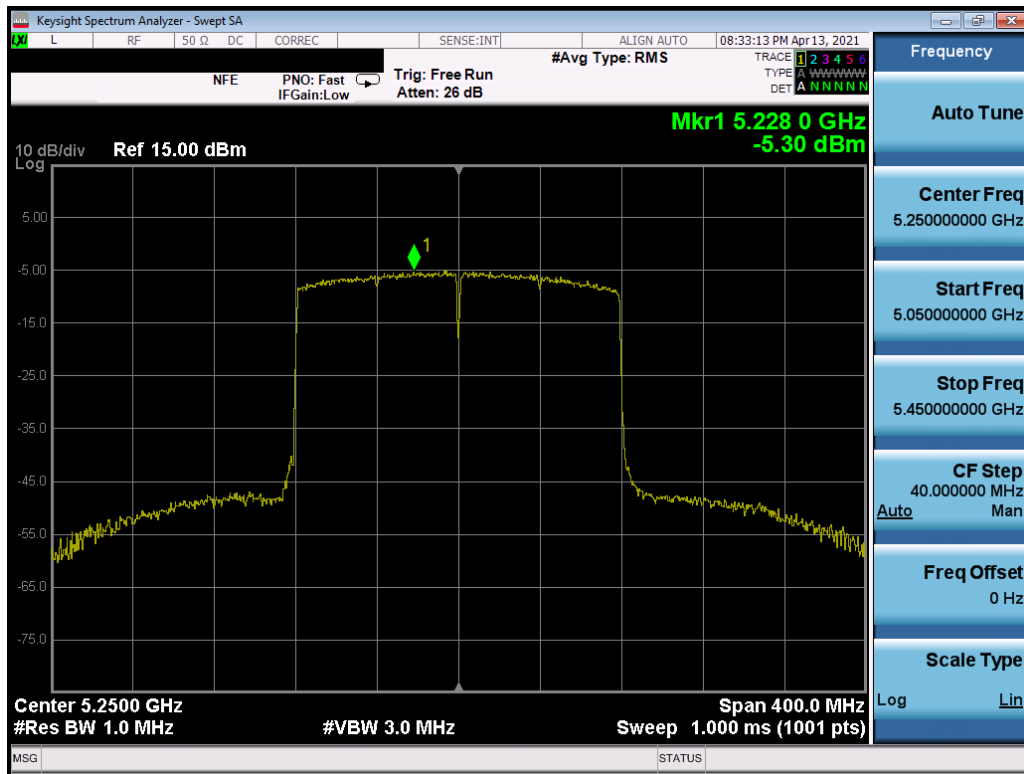


Plot 7-295. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (UNII Band 1) – Ch. 42)

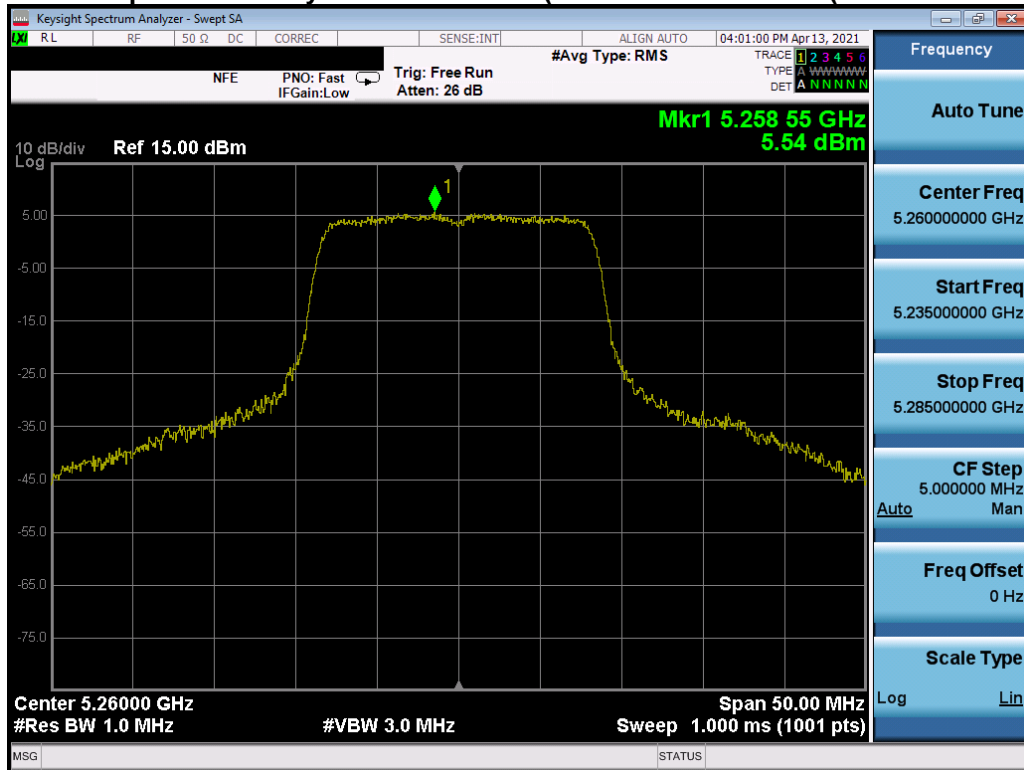


Plot 7-296. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ac (UNII Band 1/2A) – Ch. 50)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 179 of 309 |

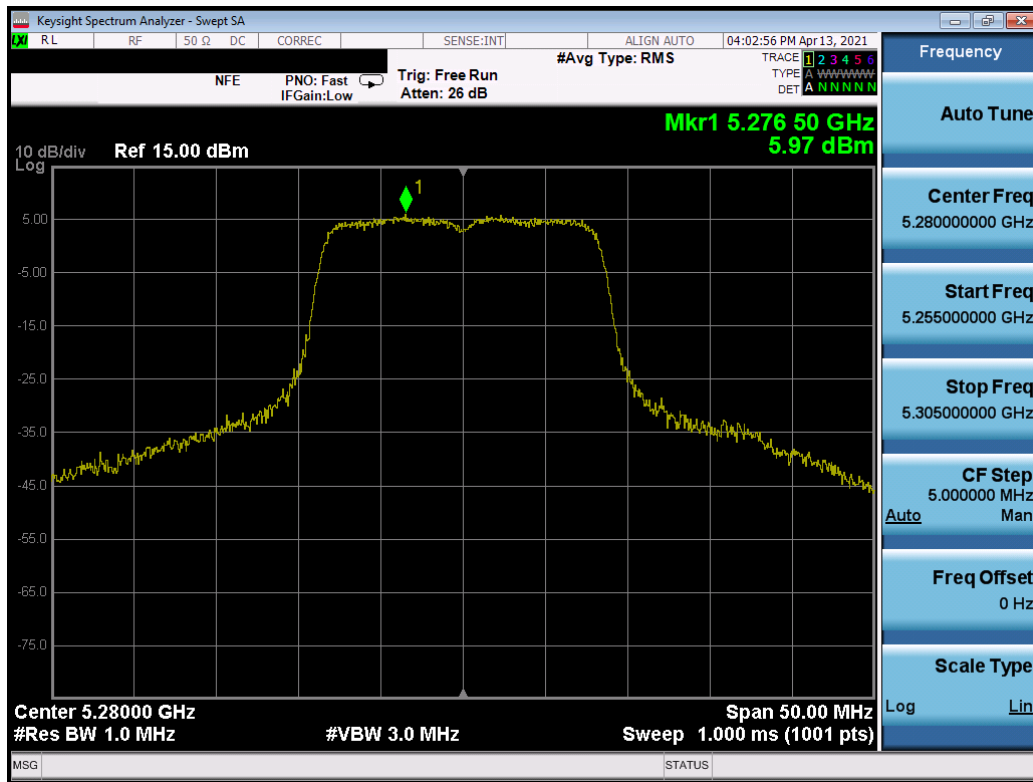


Plot 7-297. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax (UNII Band 1/2A) – Ch. 50)

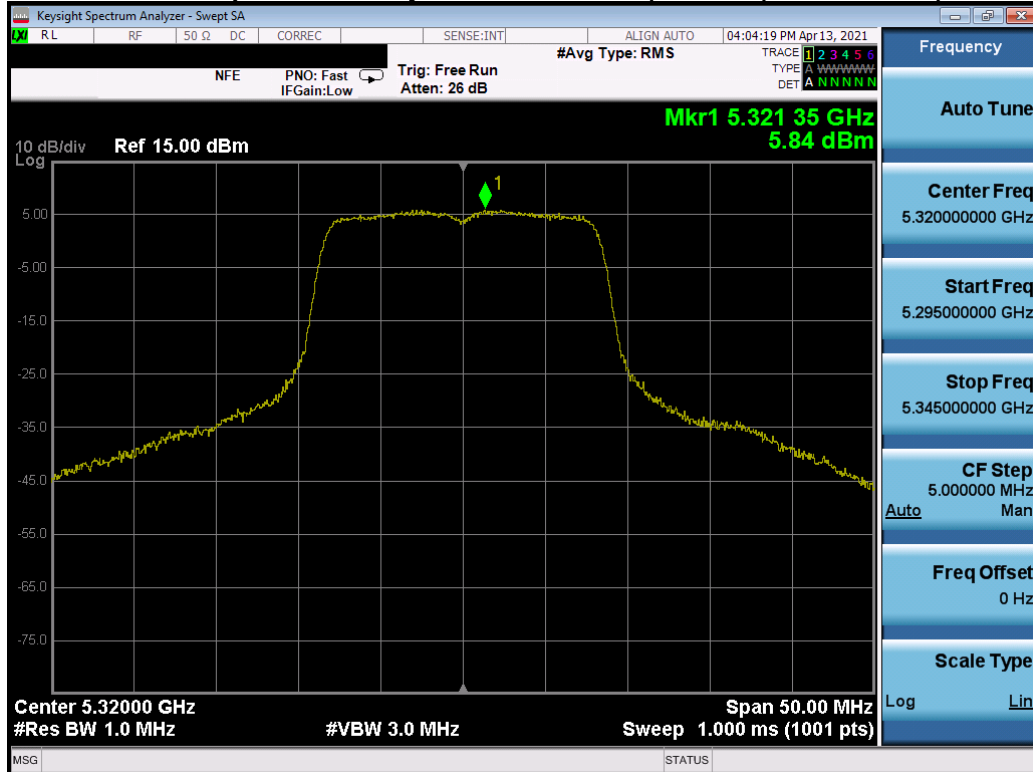


Plot 7-298. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 2A) – Ch. 52)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 180 of 309 |

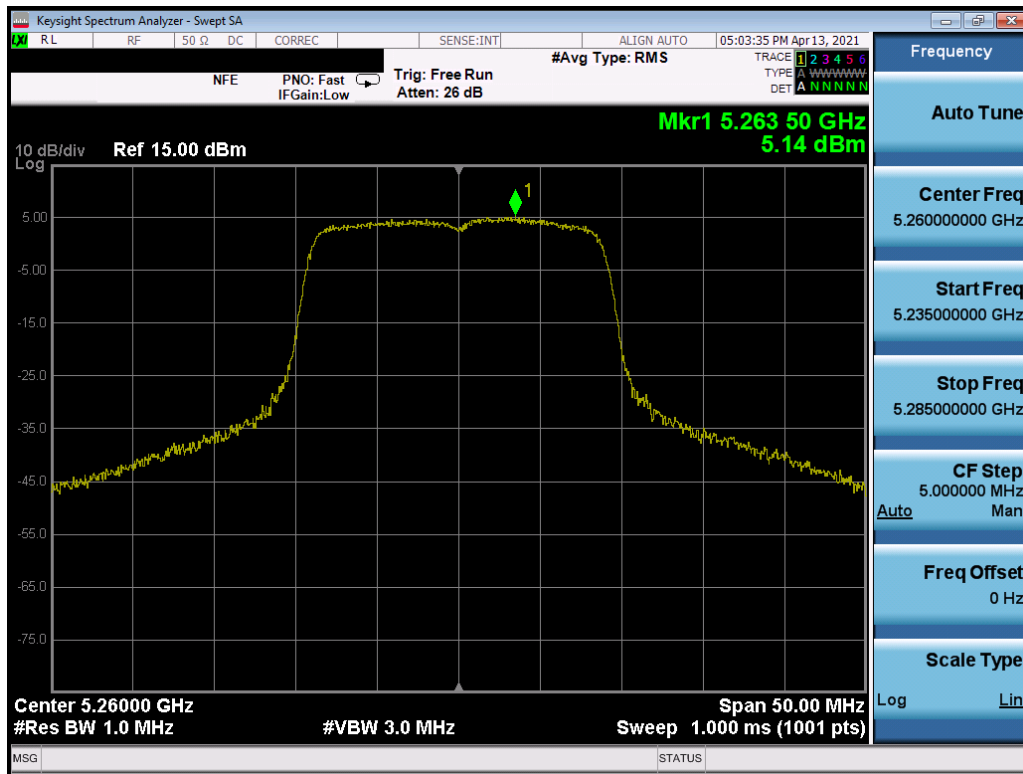


Plot 7-299. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 2A) – Ch. 56)

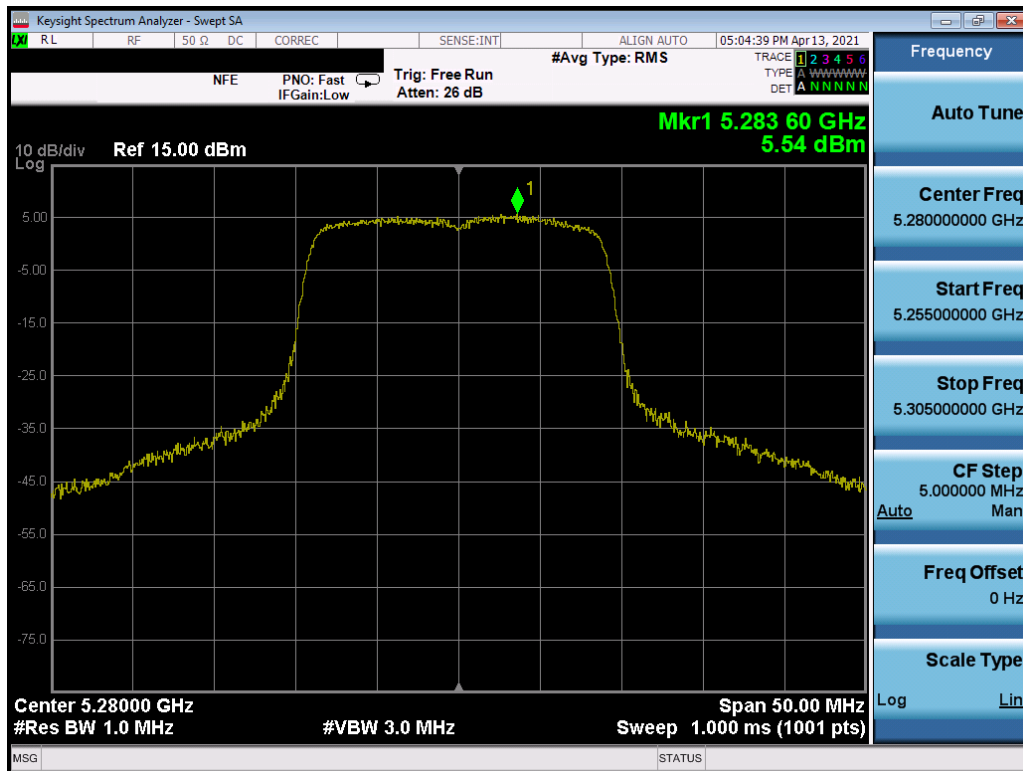


Plot 7-300. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 2A) – Ch. 64)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 181 of 309 |

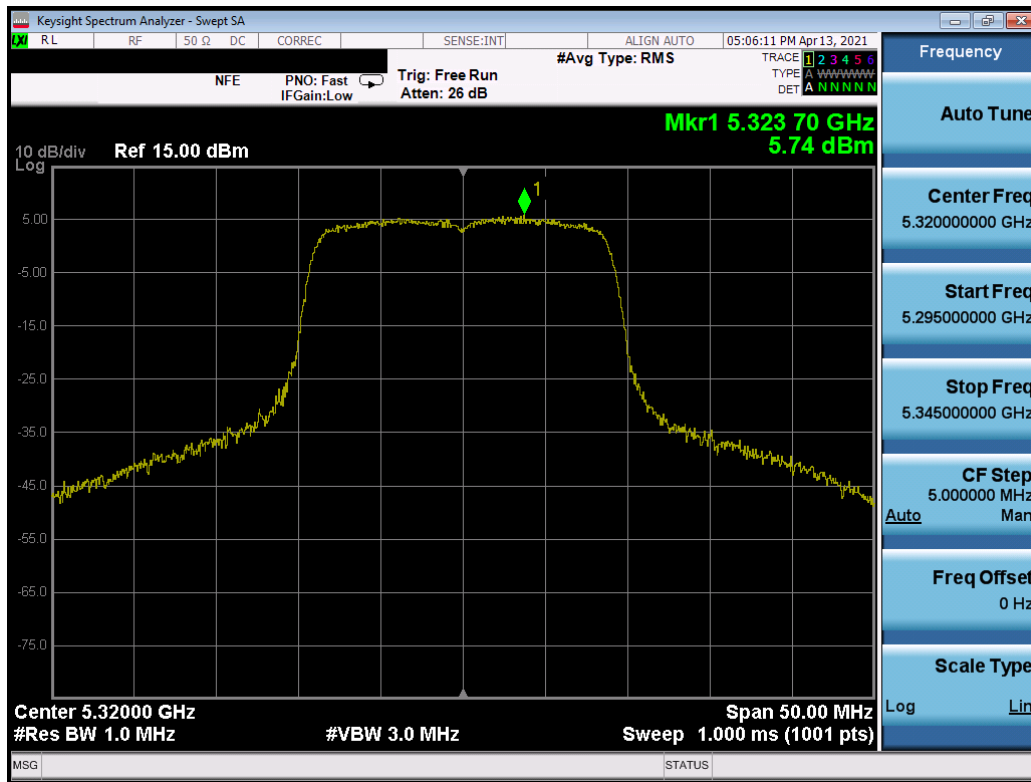


Plot 7-301. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2A) – Ch. 52)

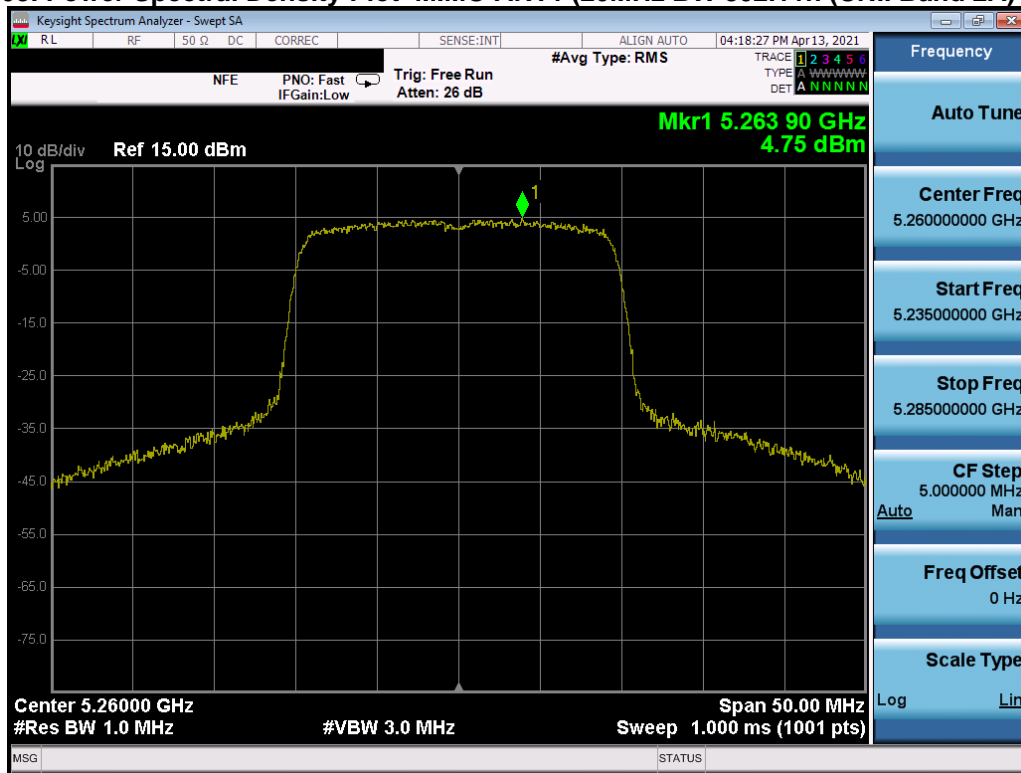


Plot 7-302. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2A) – Ch. 56)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 182 of 309 |

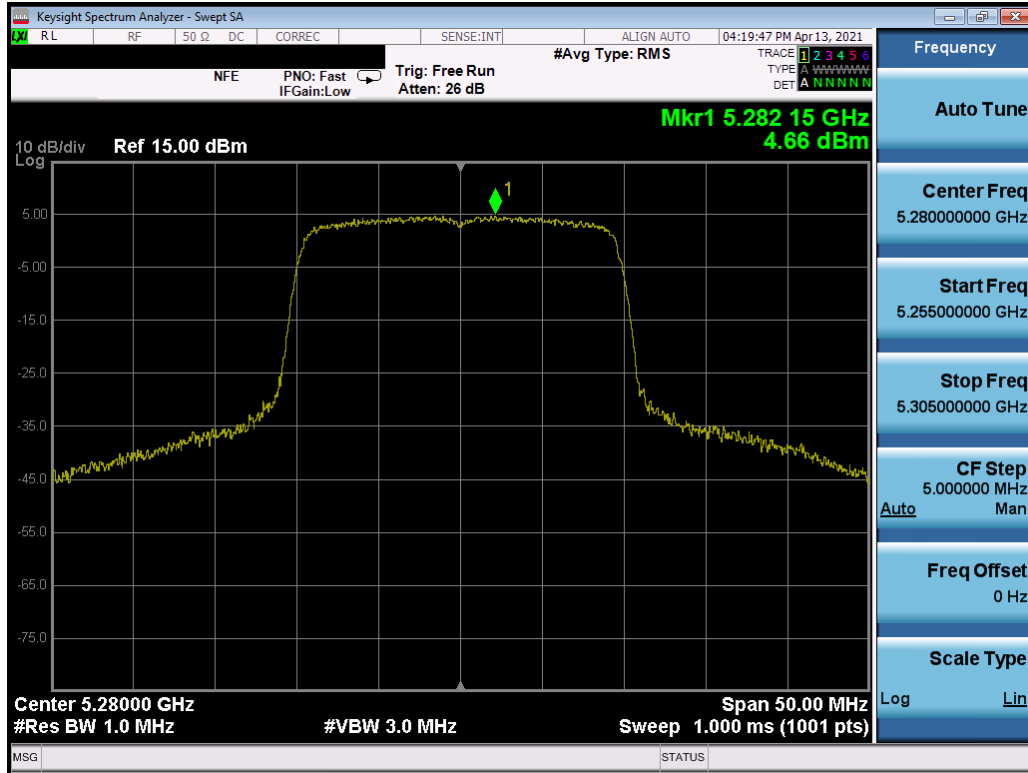


Plot 7-303. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2A) – Ch. 64)

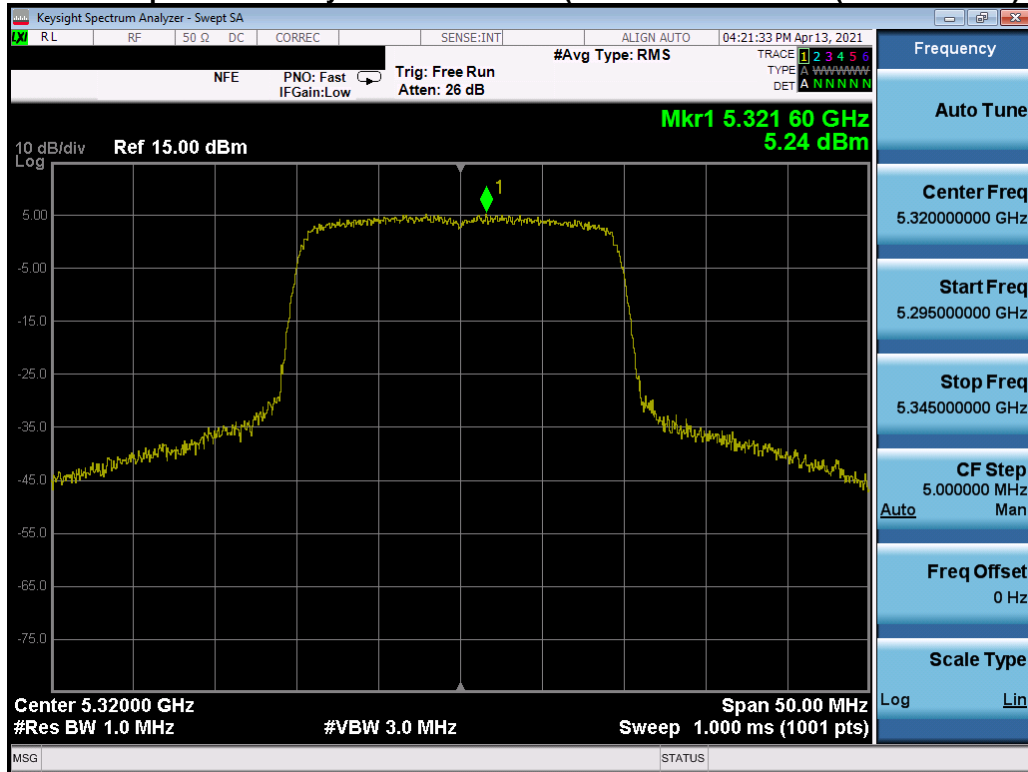


Plot 7-304. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 52)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 183 of 309 |

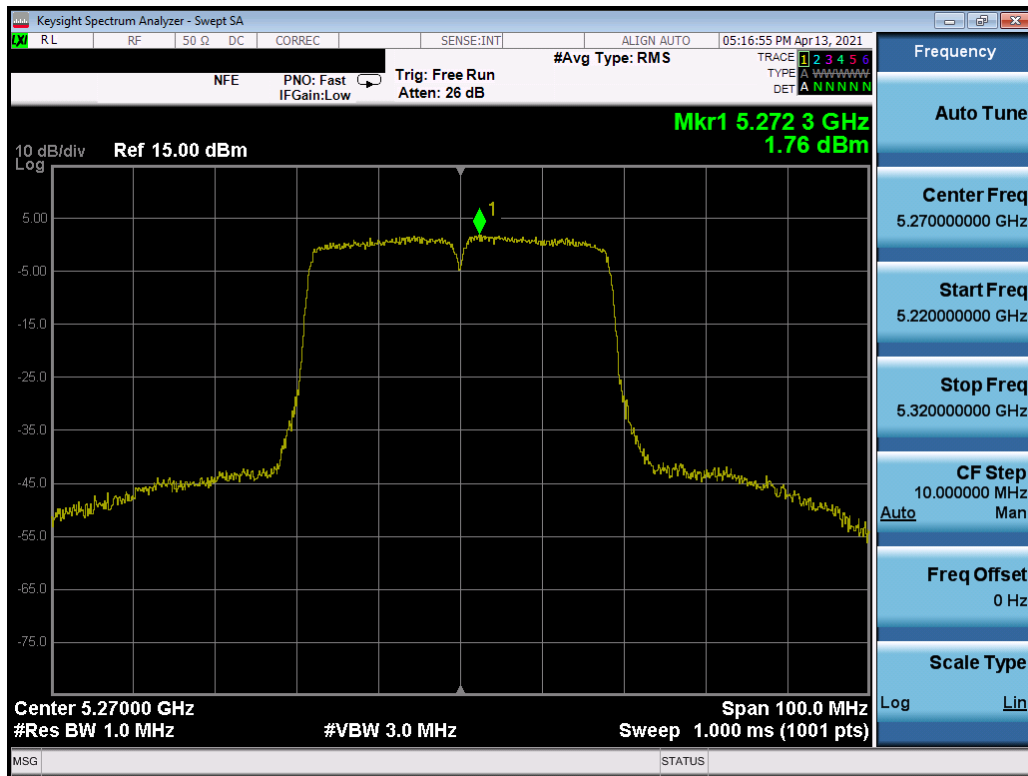


Plot 7-305. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 56)

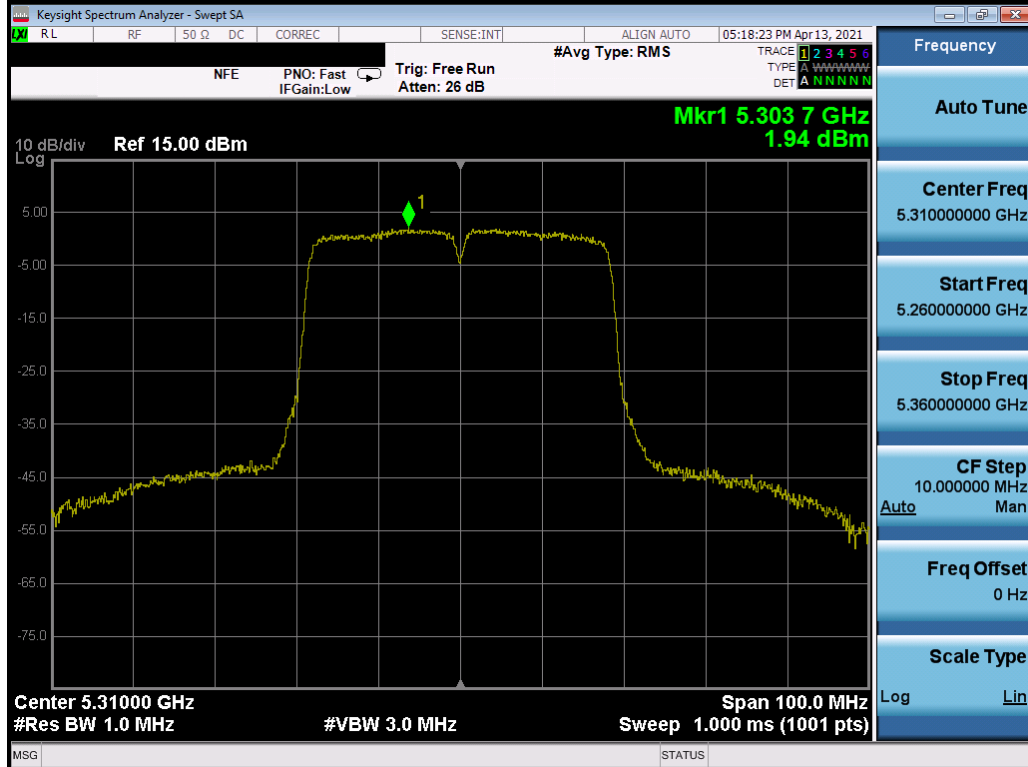


Plot 7-306. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 64)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 184 of 309 |

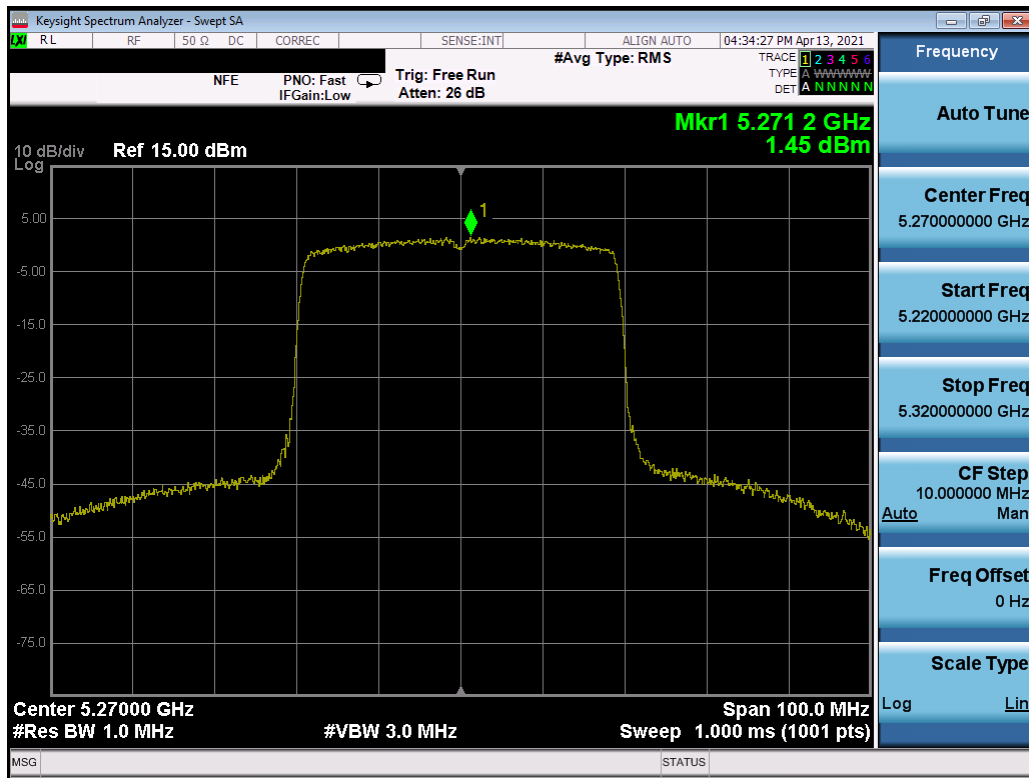


Plot 7-307. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2A) – Ch. 54)

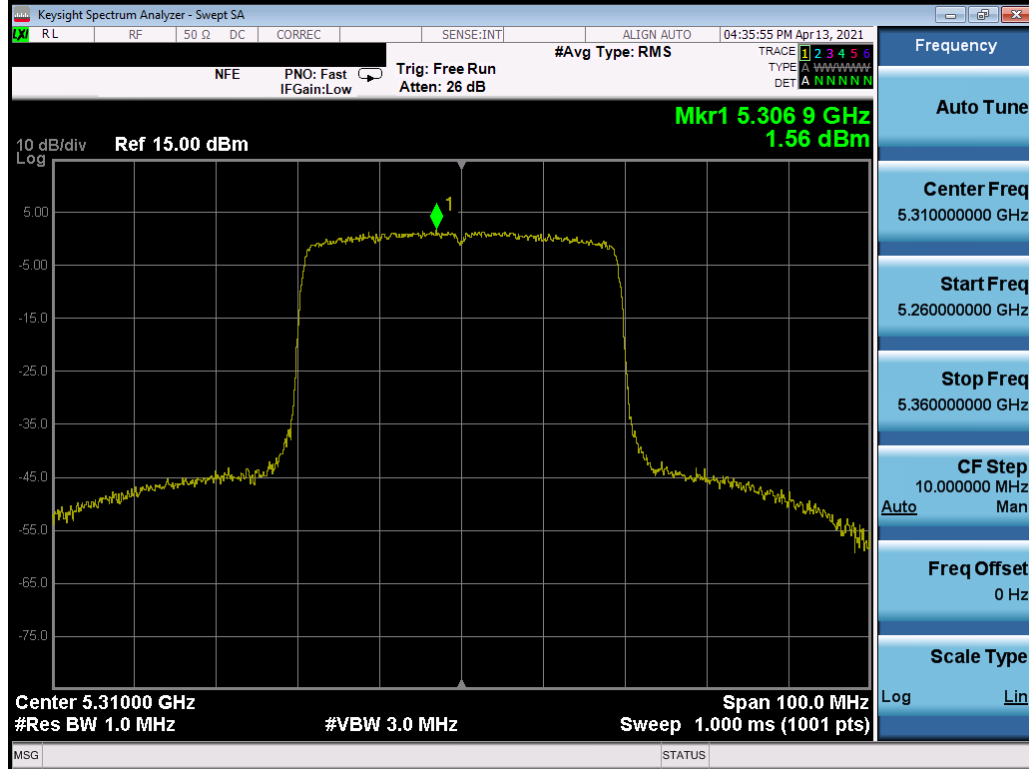


Plot 7-308. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2A) – Ch. 62)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 185 of 309 |

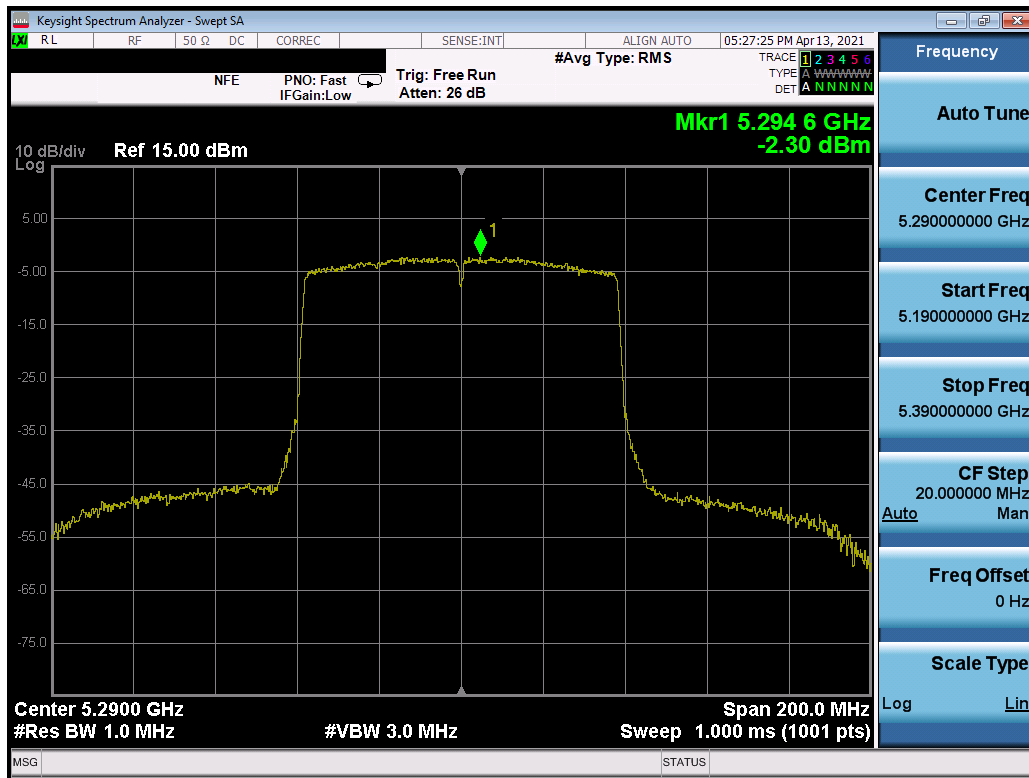


Plot 7-309. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2A) – Ch. 54)

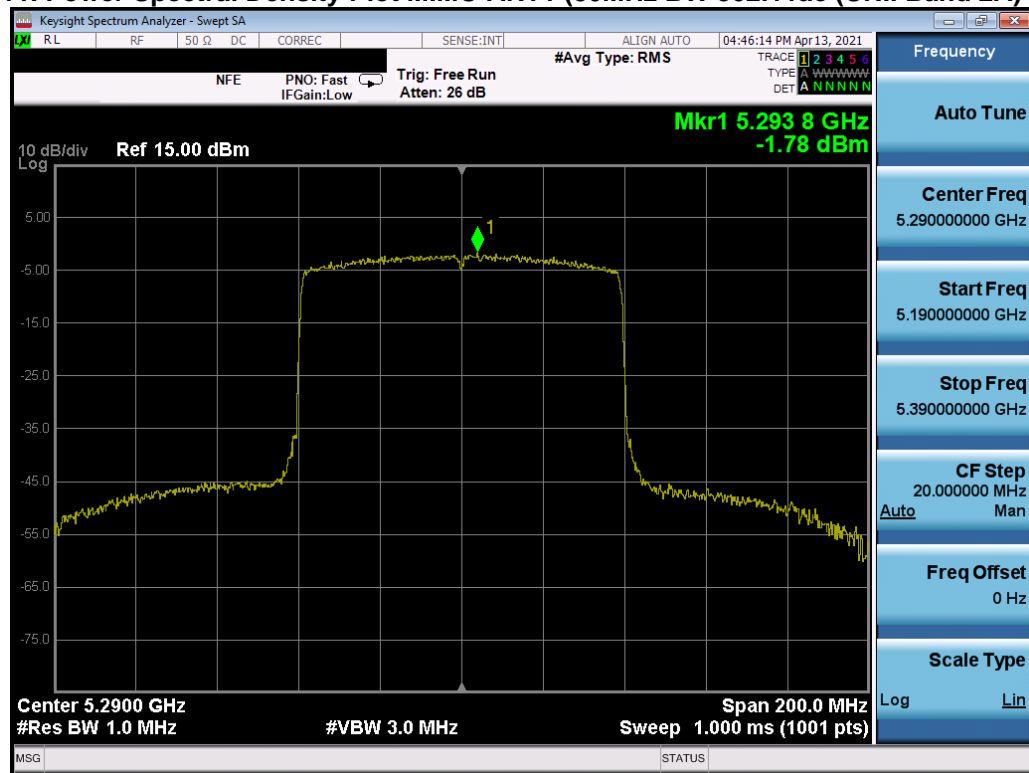


Plot 7-310. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2A) – Ch. 62)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 186 of 309 |

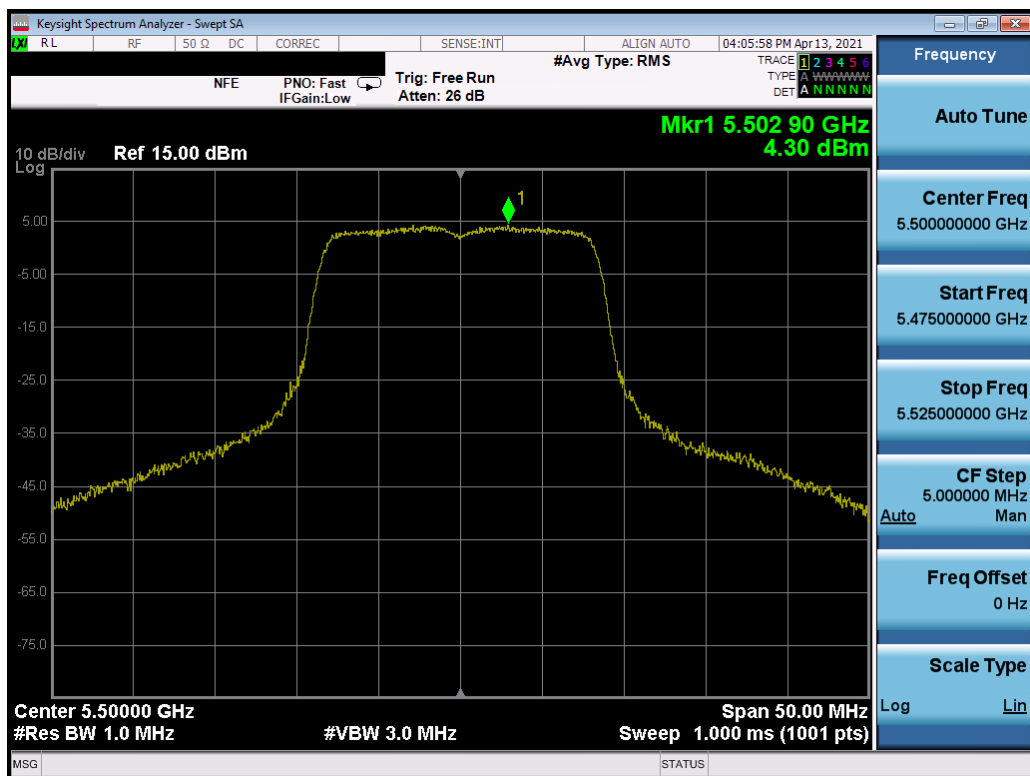


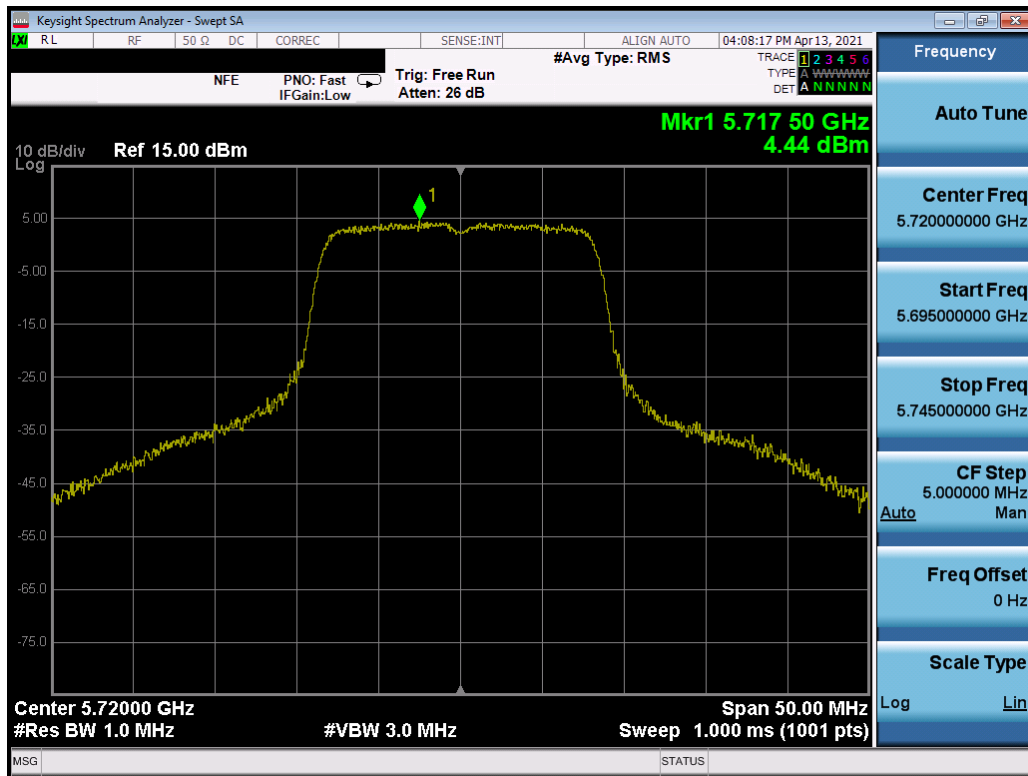
Plot 7-311. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 2A) – Ch. 58)



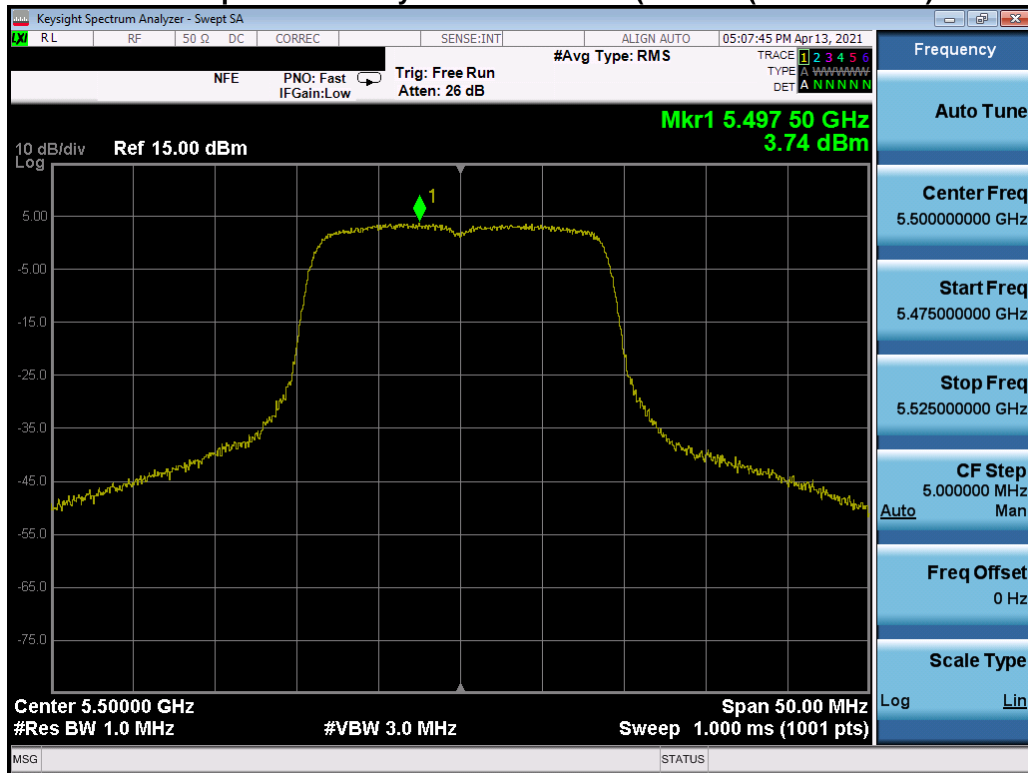
Plot 7-312. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (UNII Band 2A) – Ch. 58)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 187 of 309 |



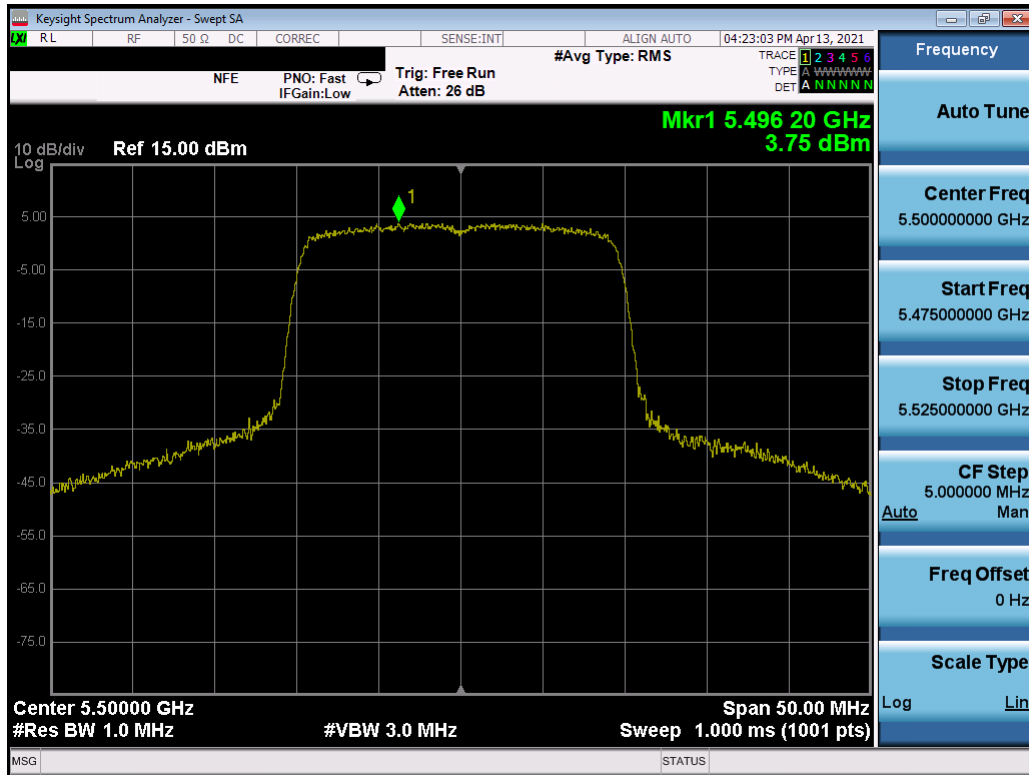


Plot 7-315. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 2C) – Ch. 144)

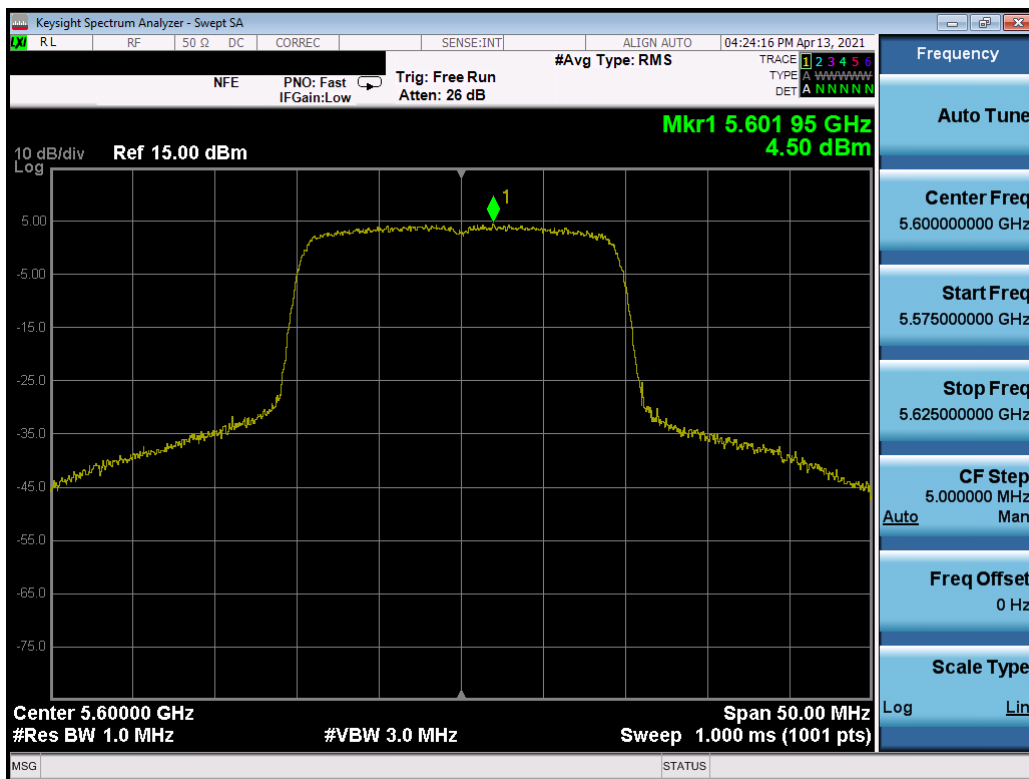


Plot 7-316. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2C) – Ch. 100)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 189 of 309 |

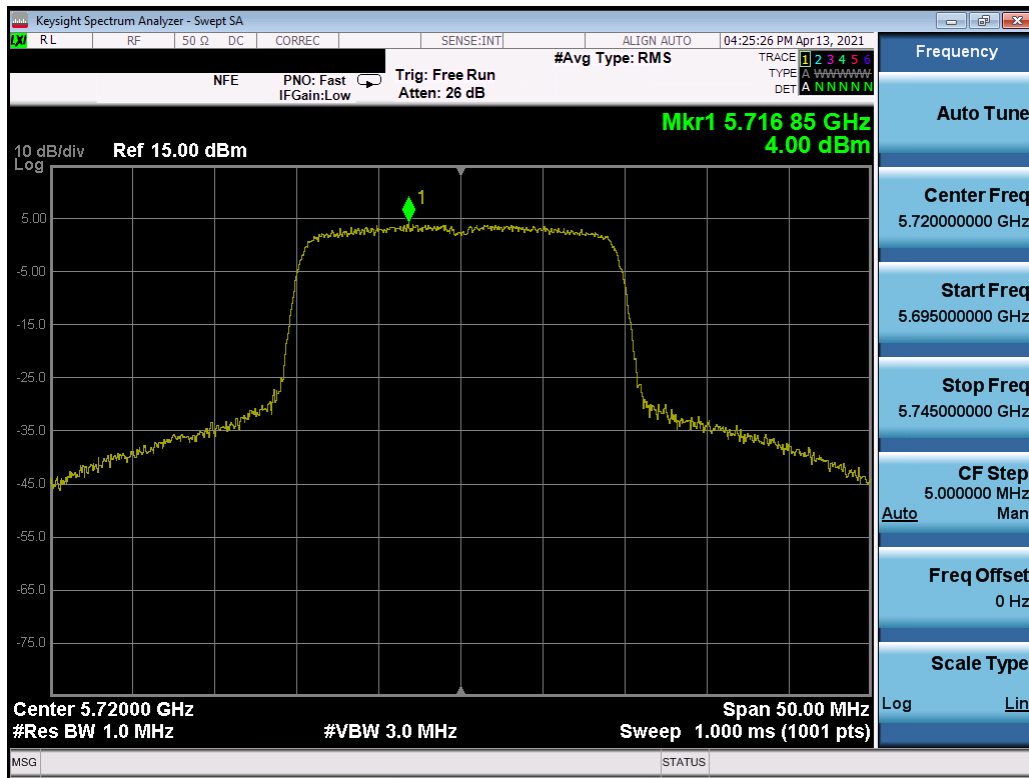


Plot 7-319. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 100)

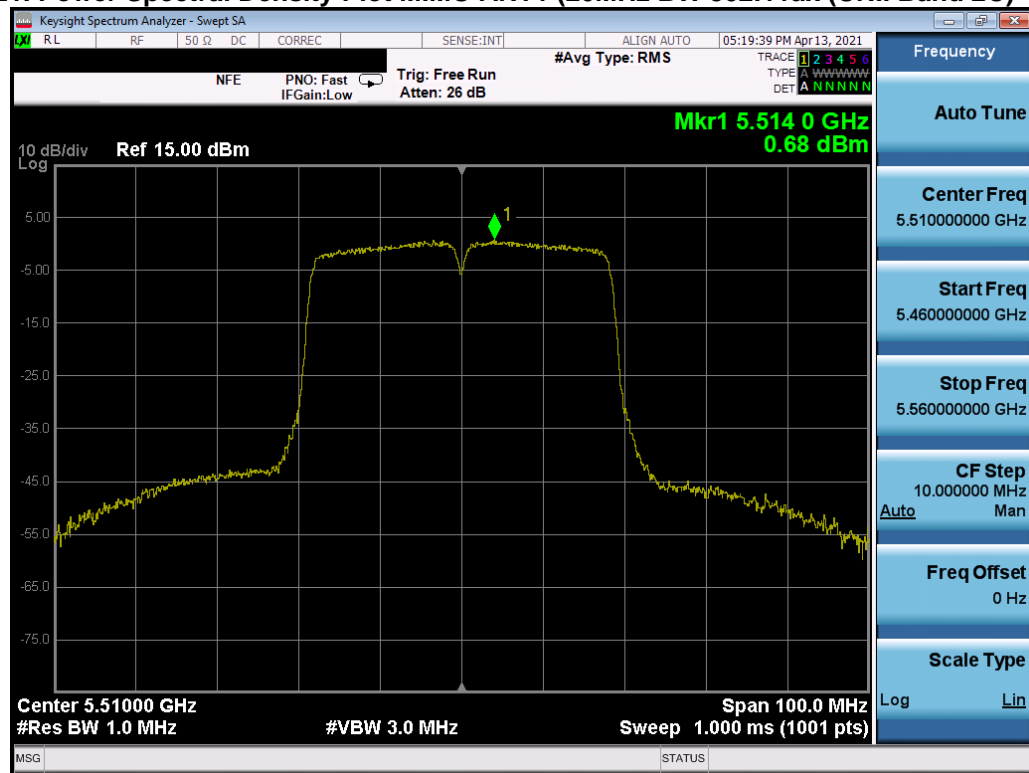


Plot 7-320. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 120)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 191 of 309 |

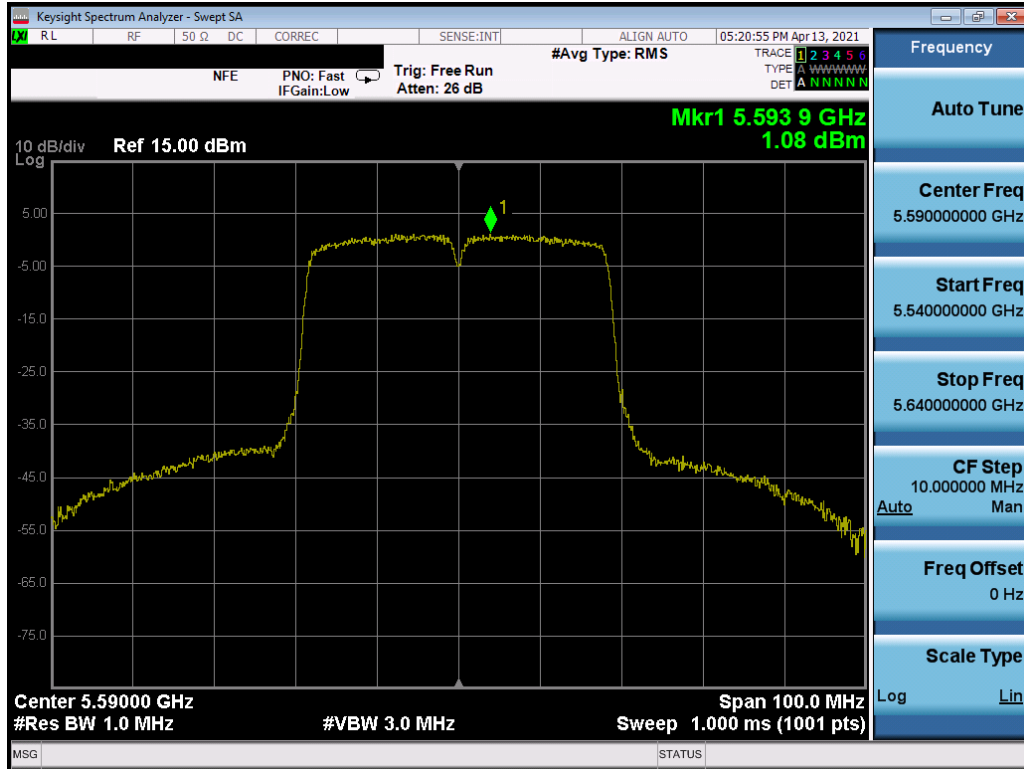


Plot 7-321. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 144)

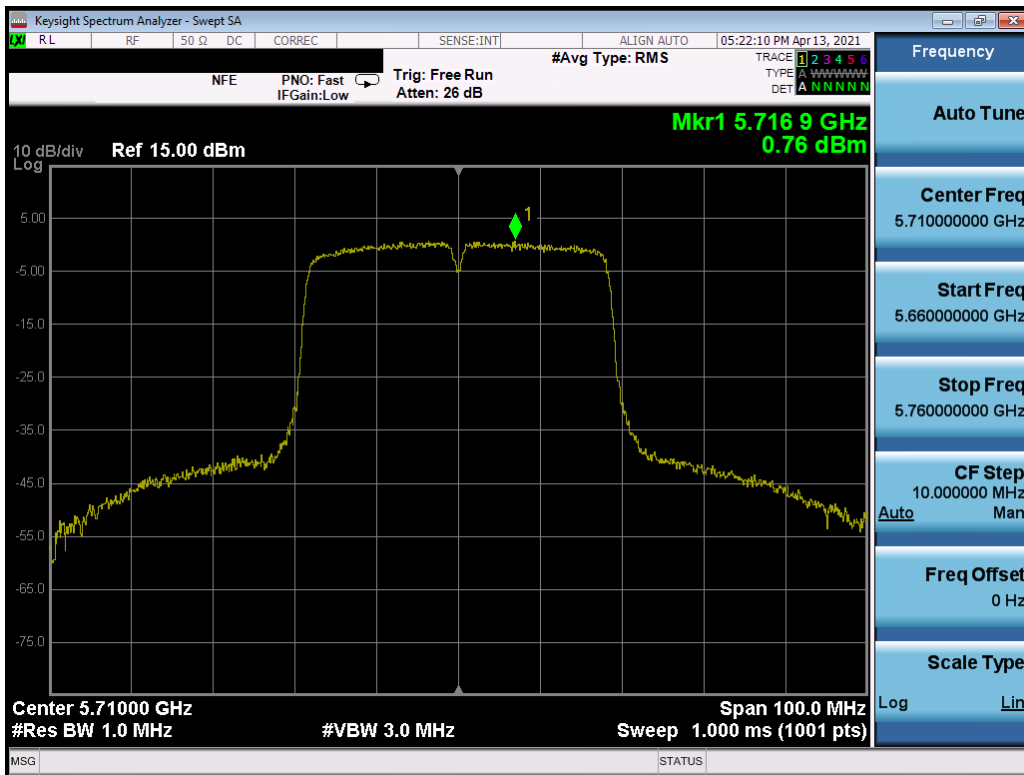


Plot 7-322. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 102)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 192 of 309 |

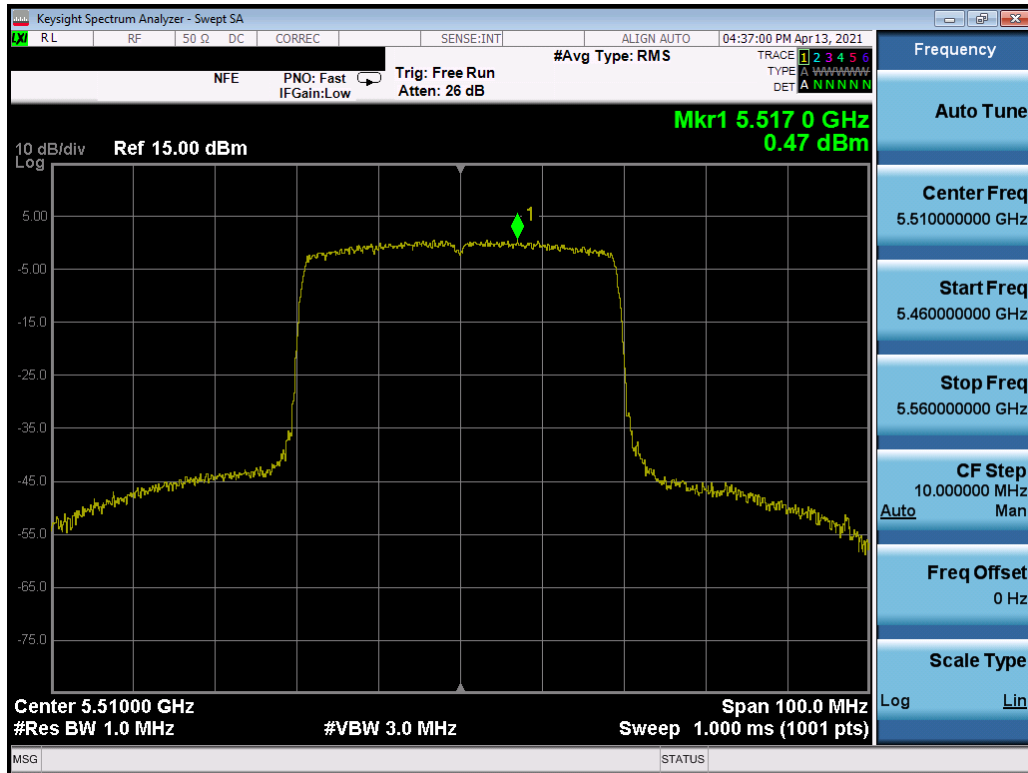


Plot 7-323. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 118)

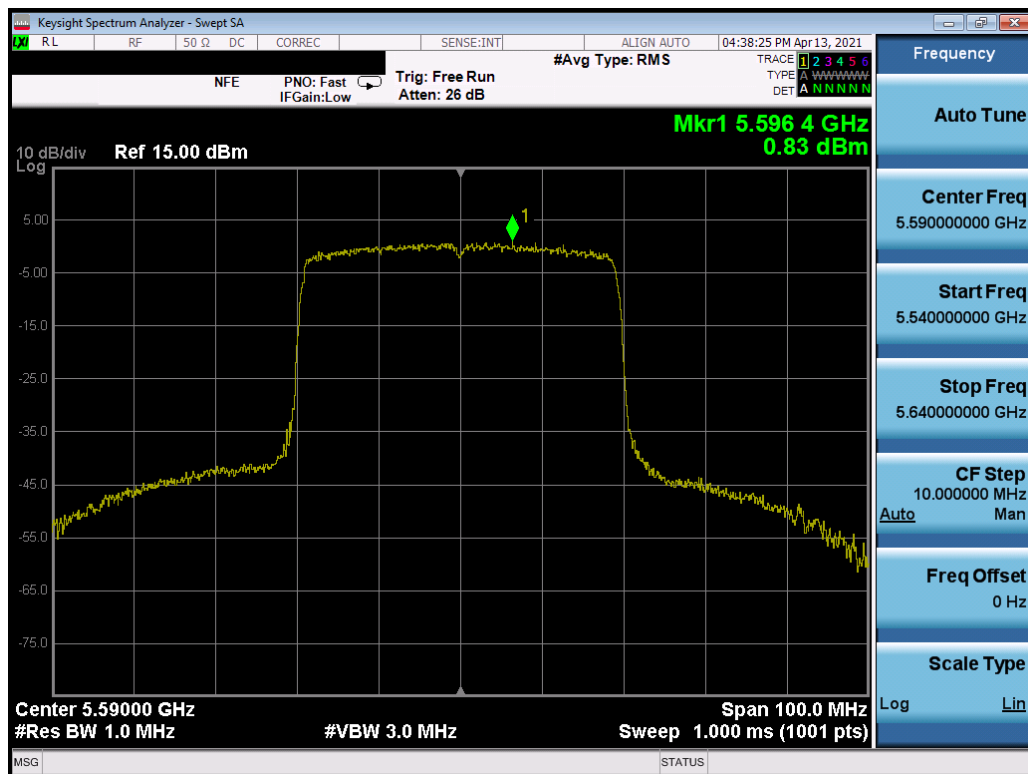


Plot 7-324. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 142)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 193 of 309 |

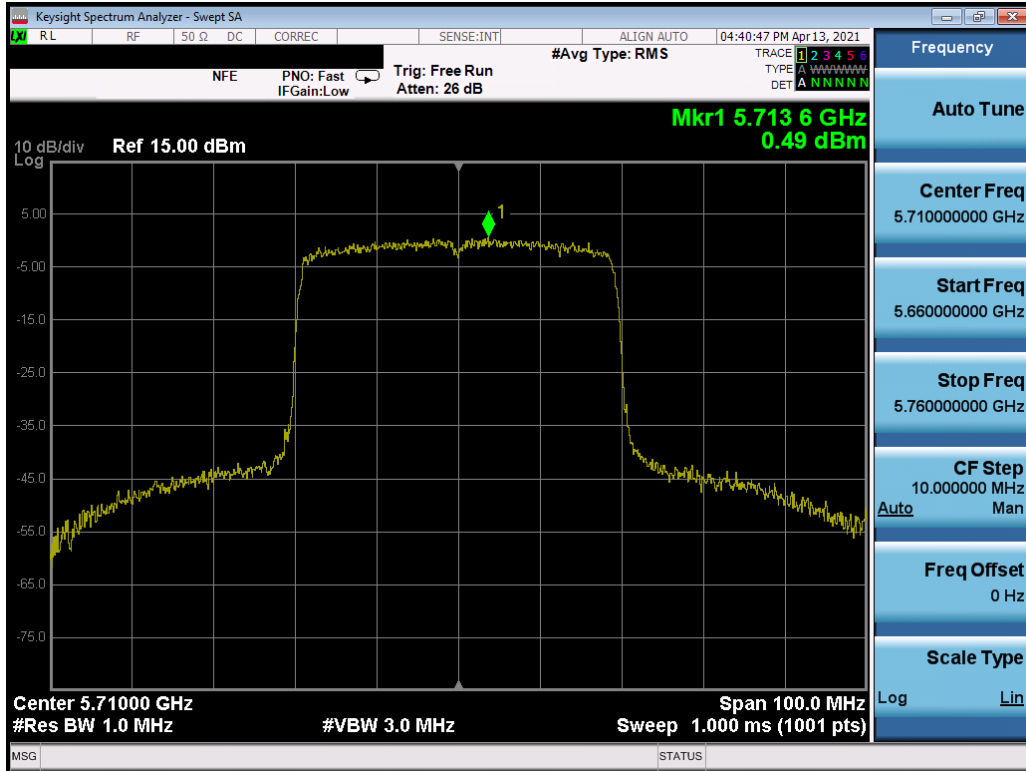


Plot 7-325. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 102)

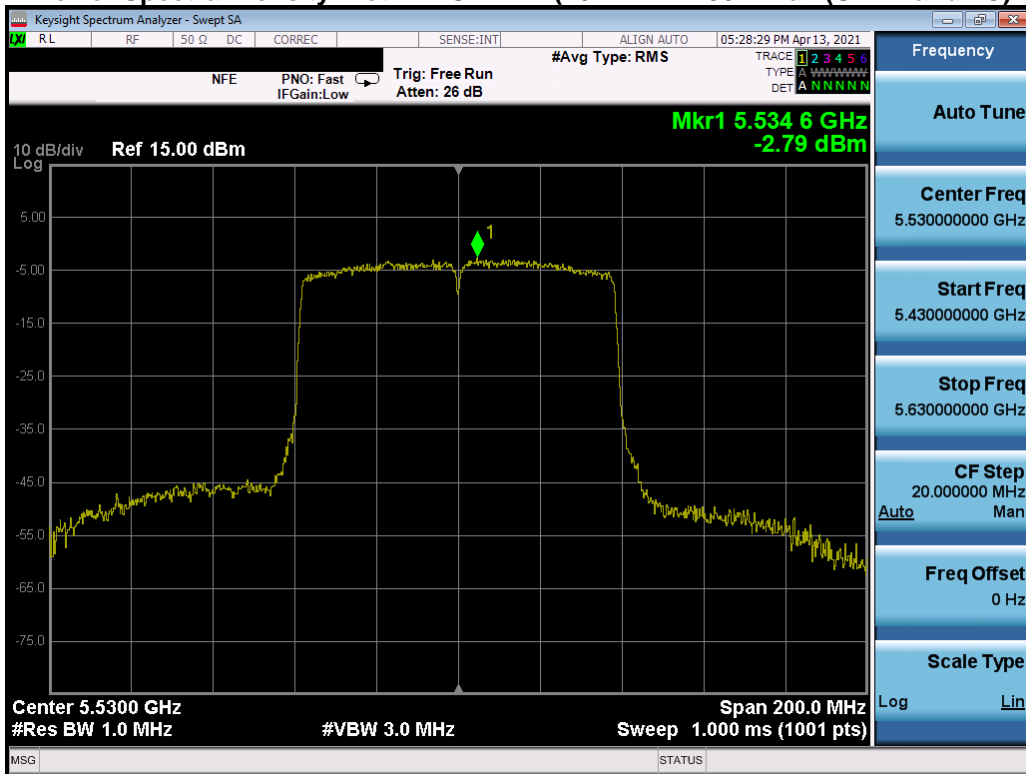


Plot 7-326. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 118)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 194 of 309 |

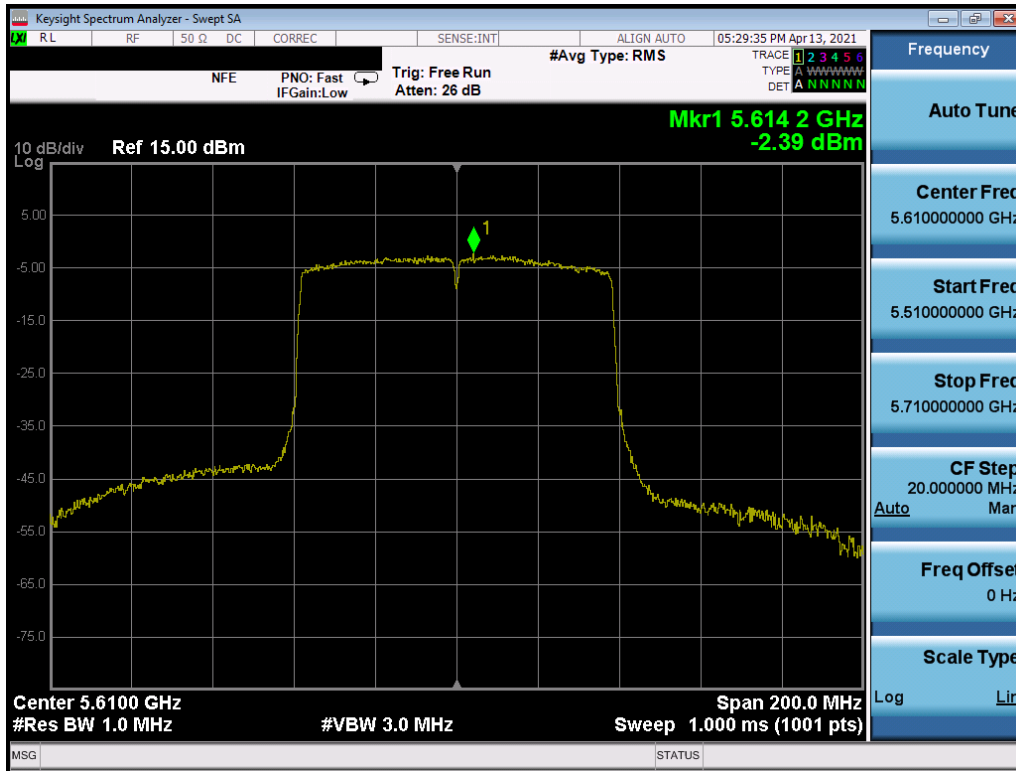


Plot 7-327. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 142)

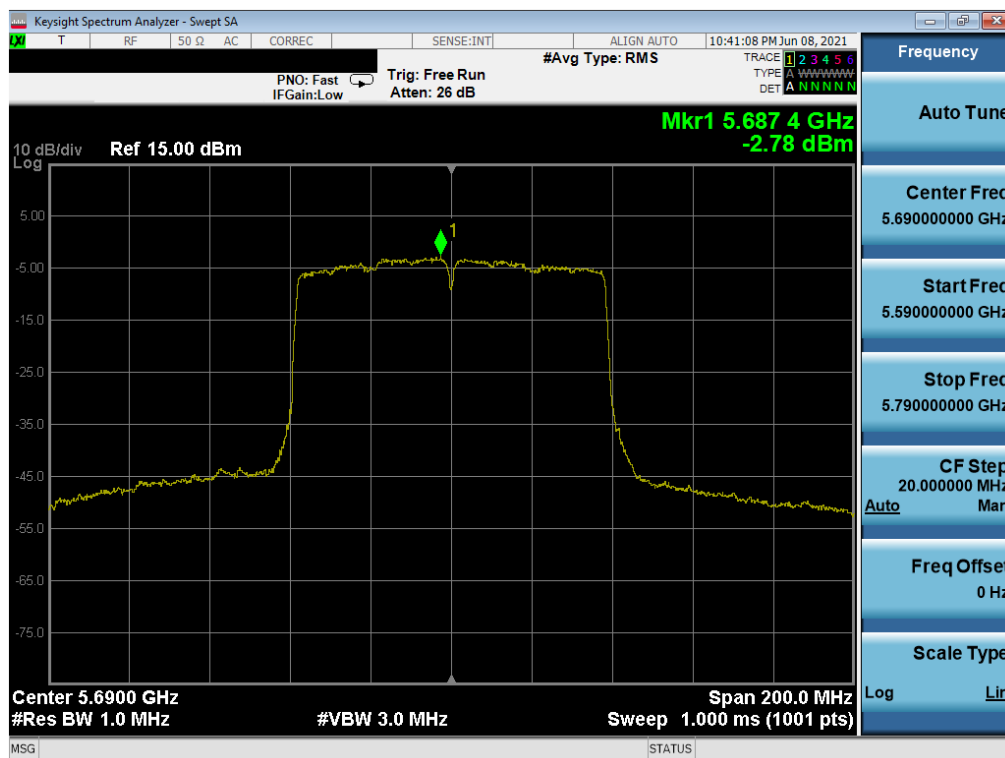


Plot 7-328. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 106)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 195 of 309 |

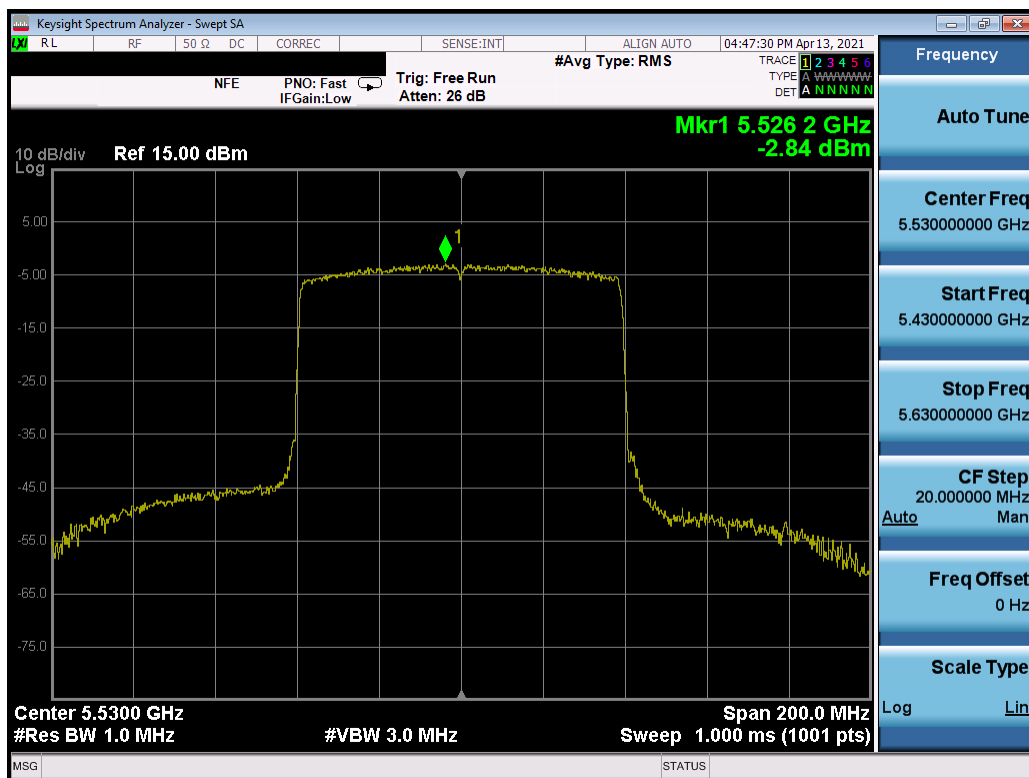


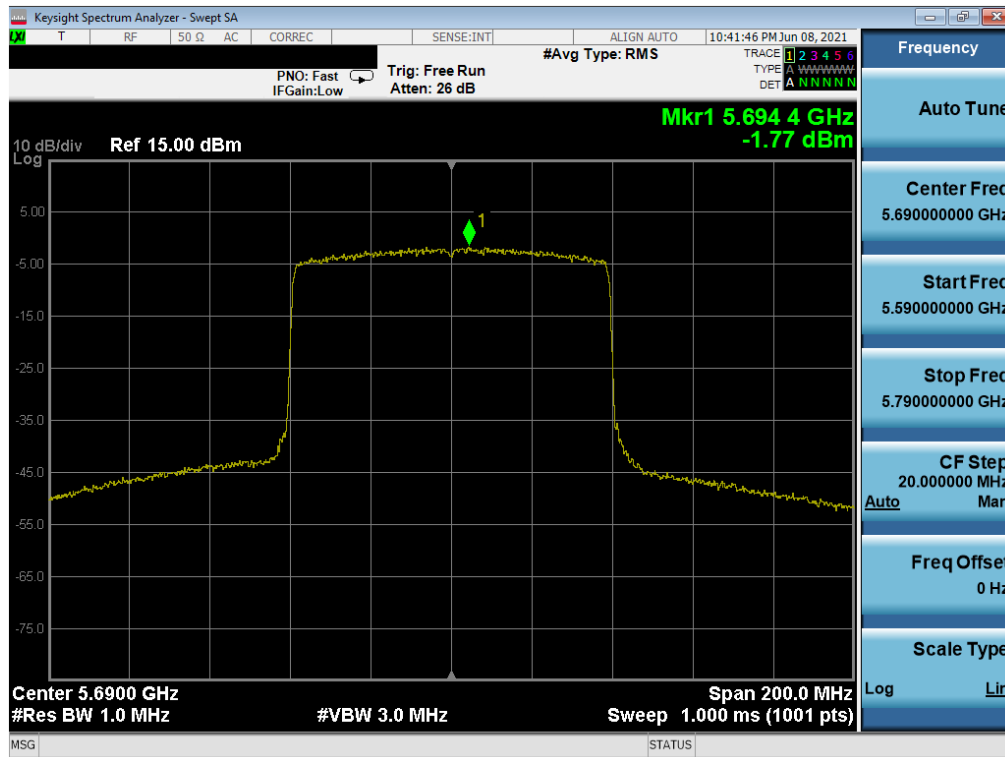
Plot 7-329. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 122)



Plot 7-330. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 138)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 196 of 309 |



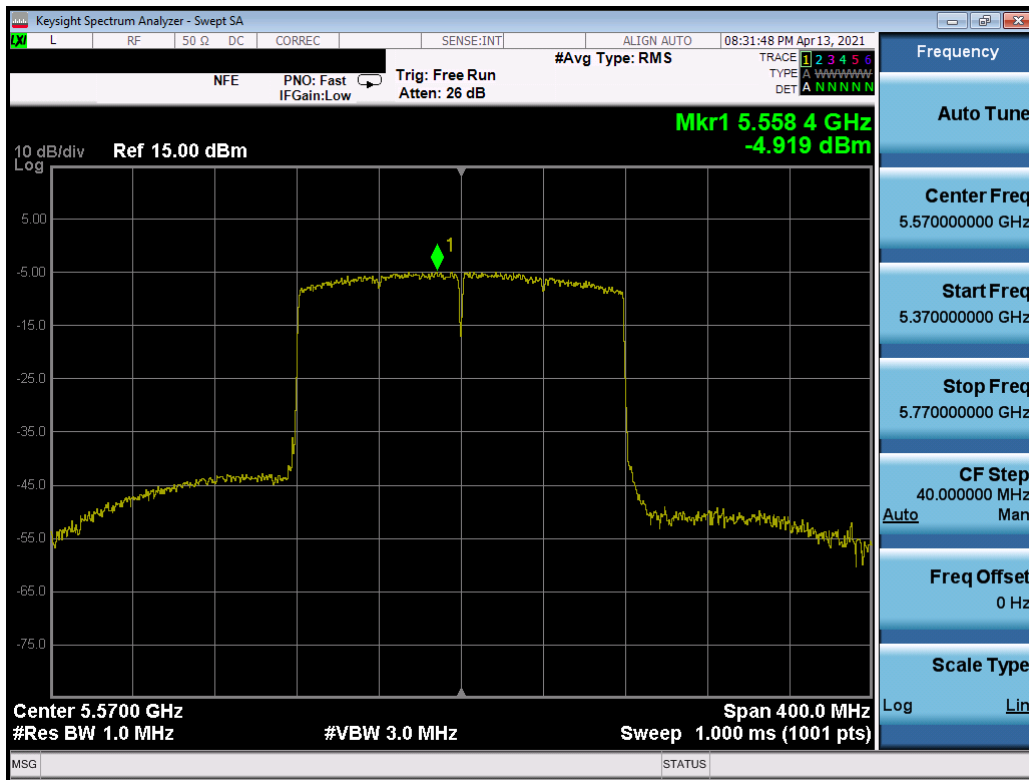


Plot 7-333. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (UNII Band 2C) – Ch. 138)

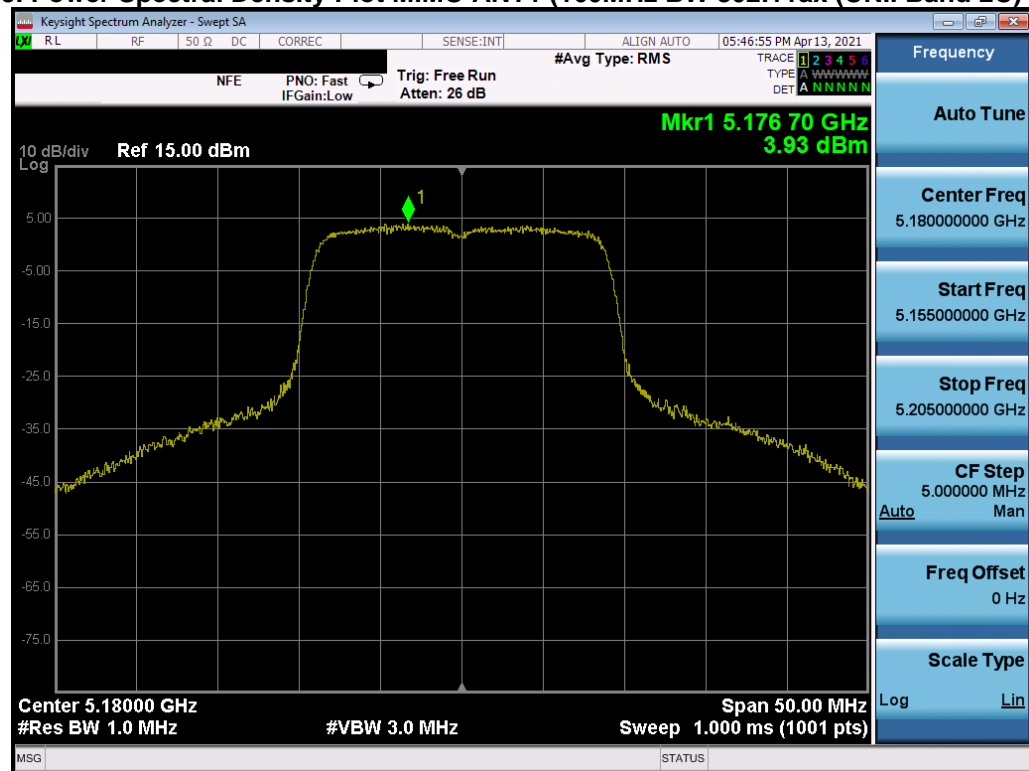


Plot 7-334. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ac (UNII Band 2C) – Ch. 114)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 198 of 309 |

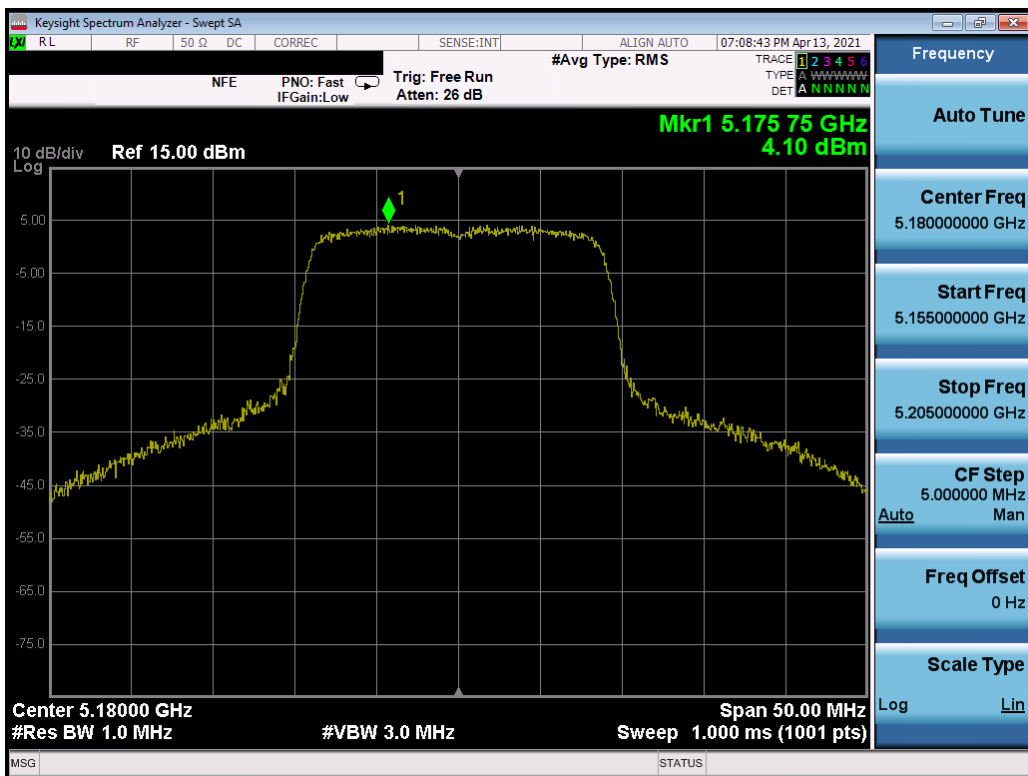


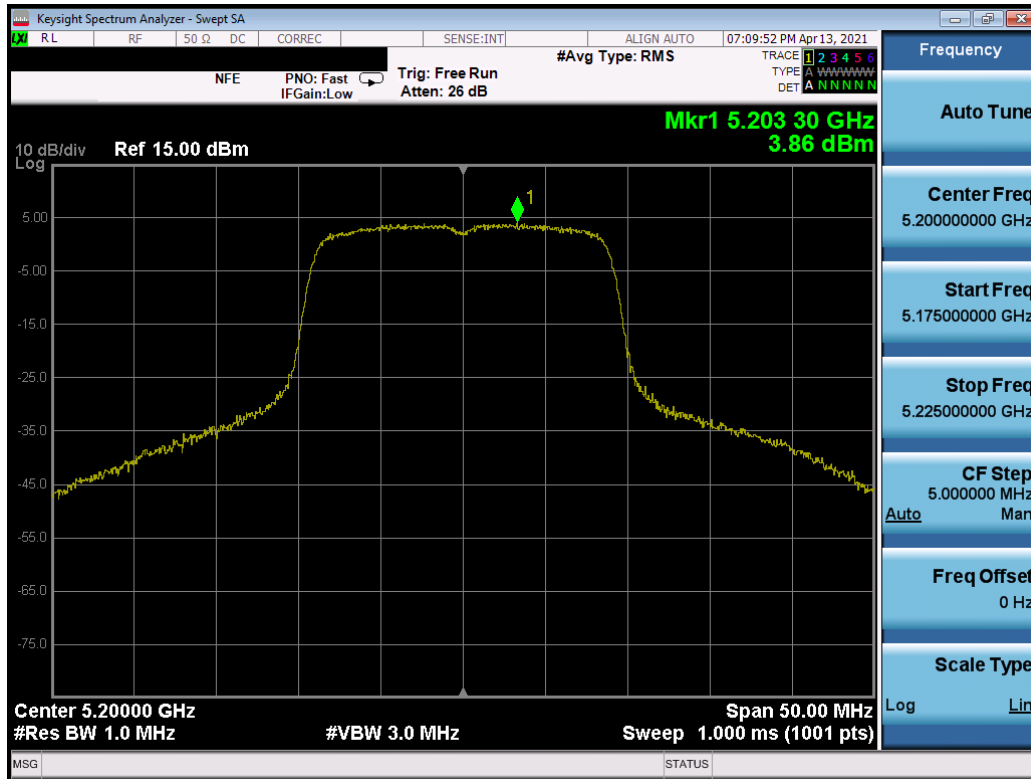
Plot 7-335. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax (UNII Band 2C) – Ch. 114)



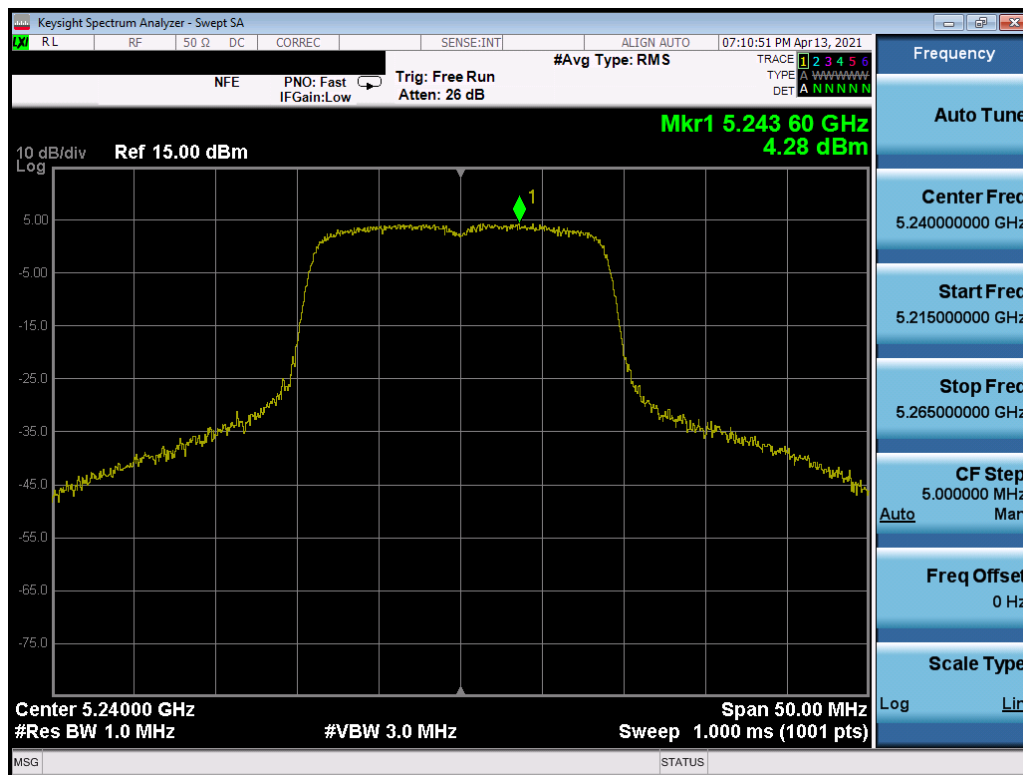
Plot 7-336. Power Spectral Density Plot MIMO ANT2 (802.11a (UNII Band 1) – Ch. 36)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 199 of 309 |



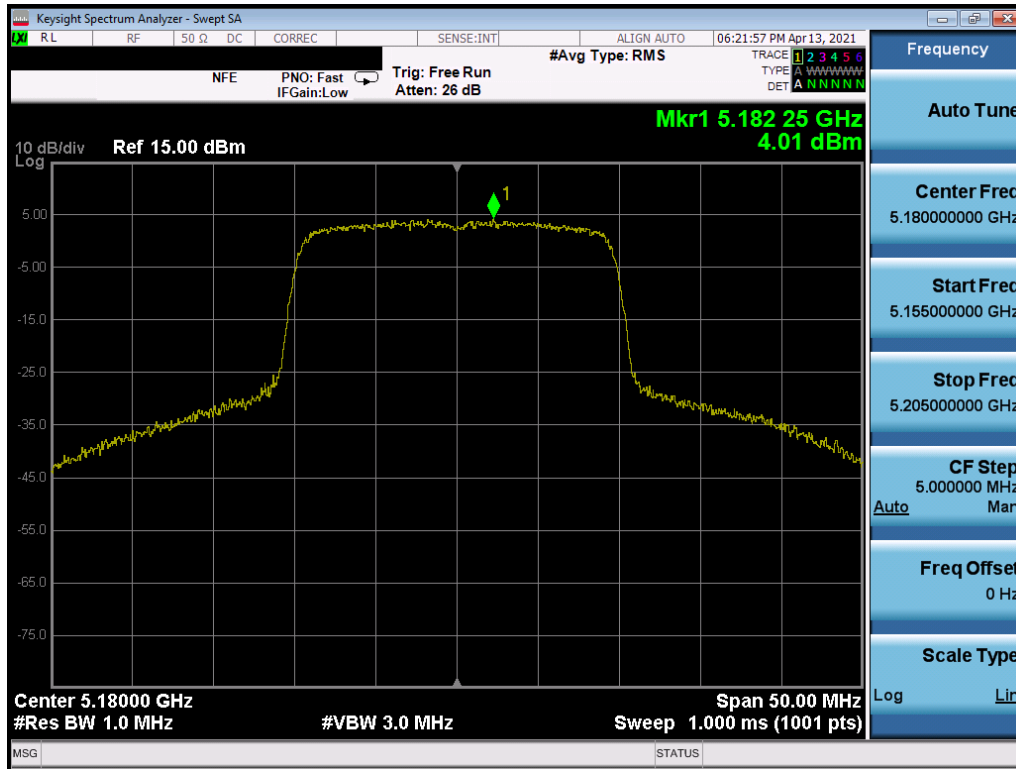


Plot 7-340. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 1) – Ch. 40)

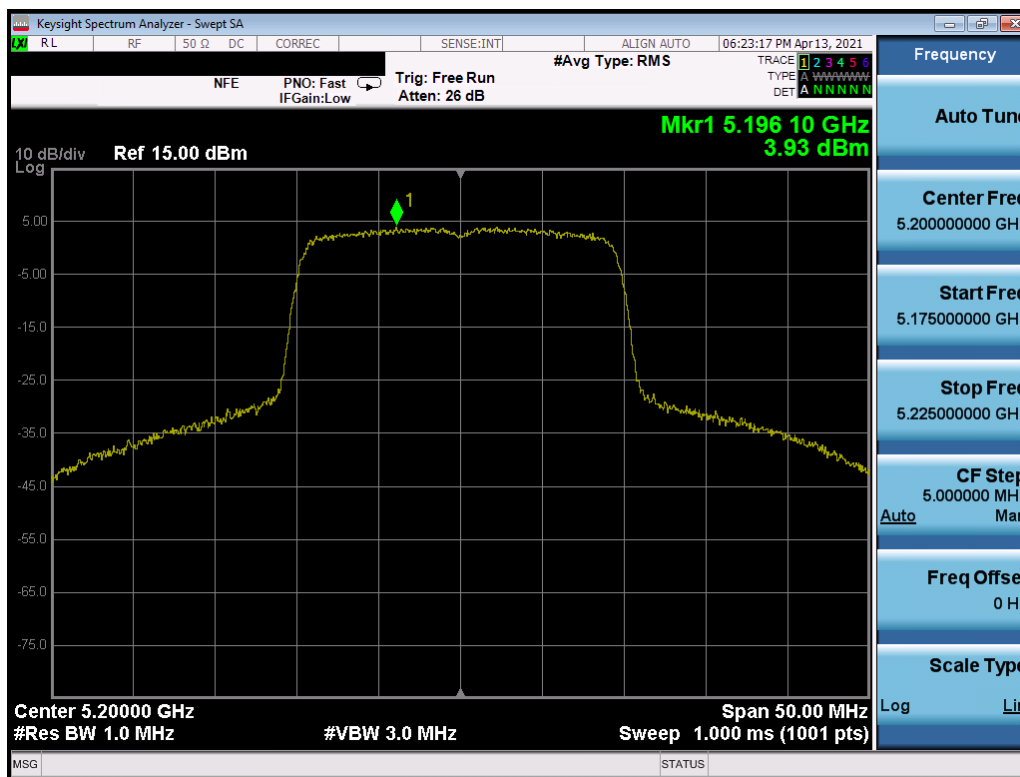


Plot 7-341. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 1) – Ch. 48)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 202 of 309 |

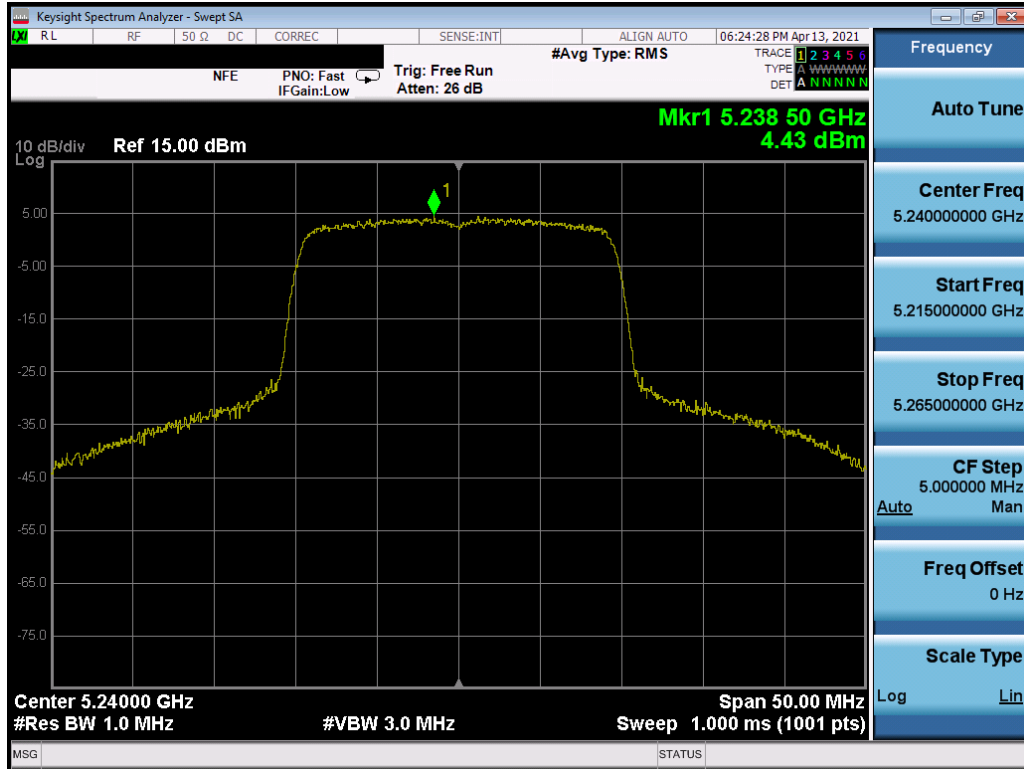


Plot 7-342. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 1) – Ch. 36)

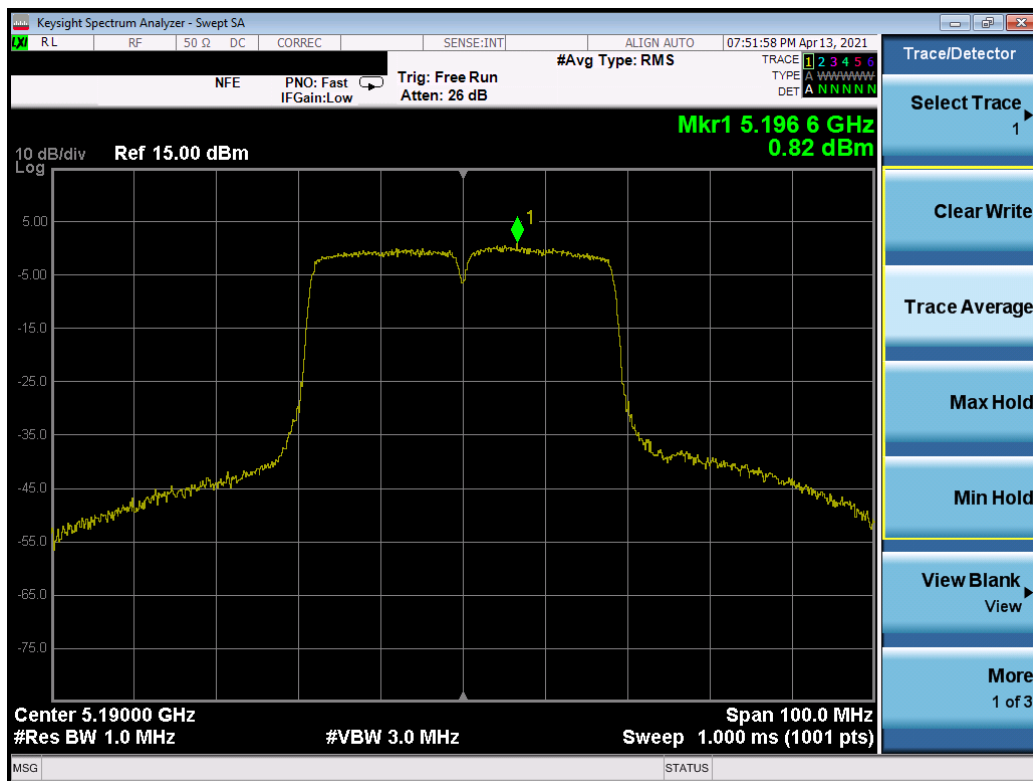


Plot 7-343. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 1) – Ch. 40)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 203 of 309 |

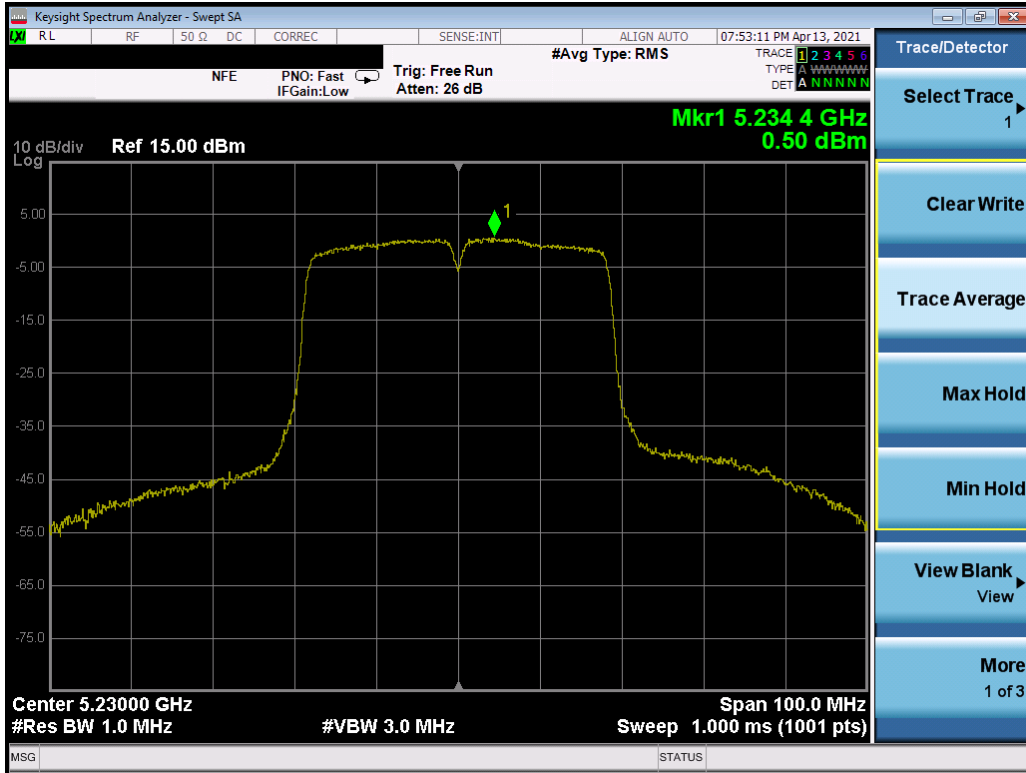


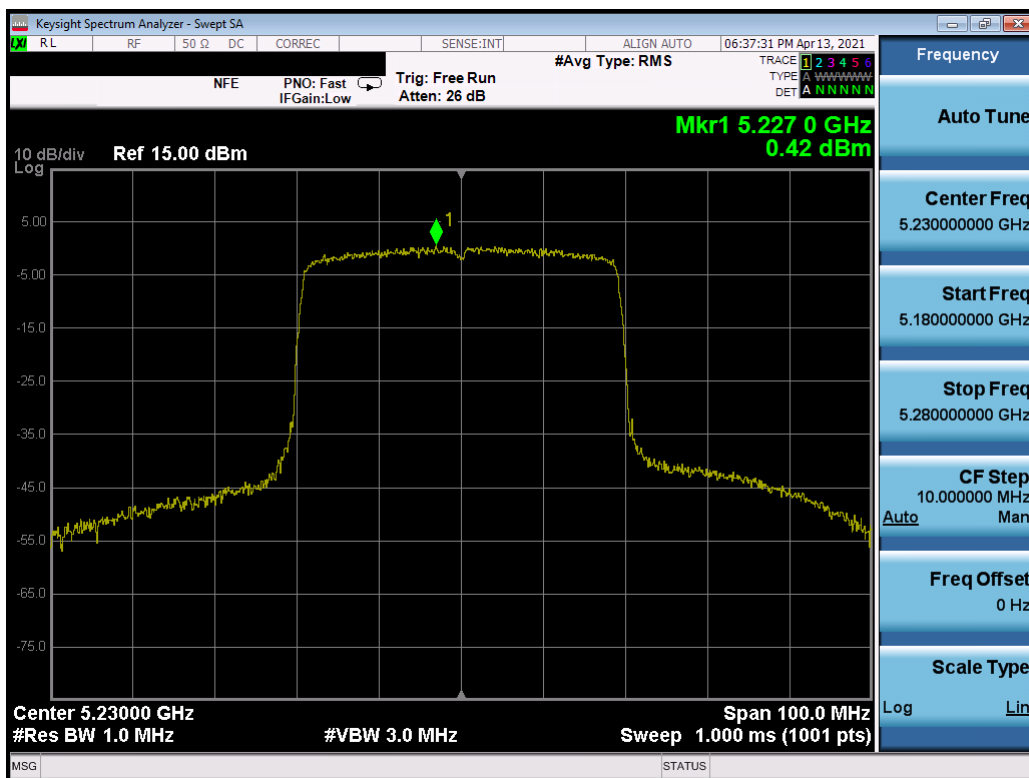
Plot 7-344. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 1) – Ch. 48)

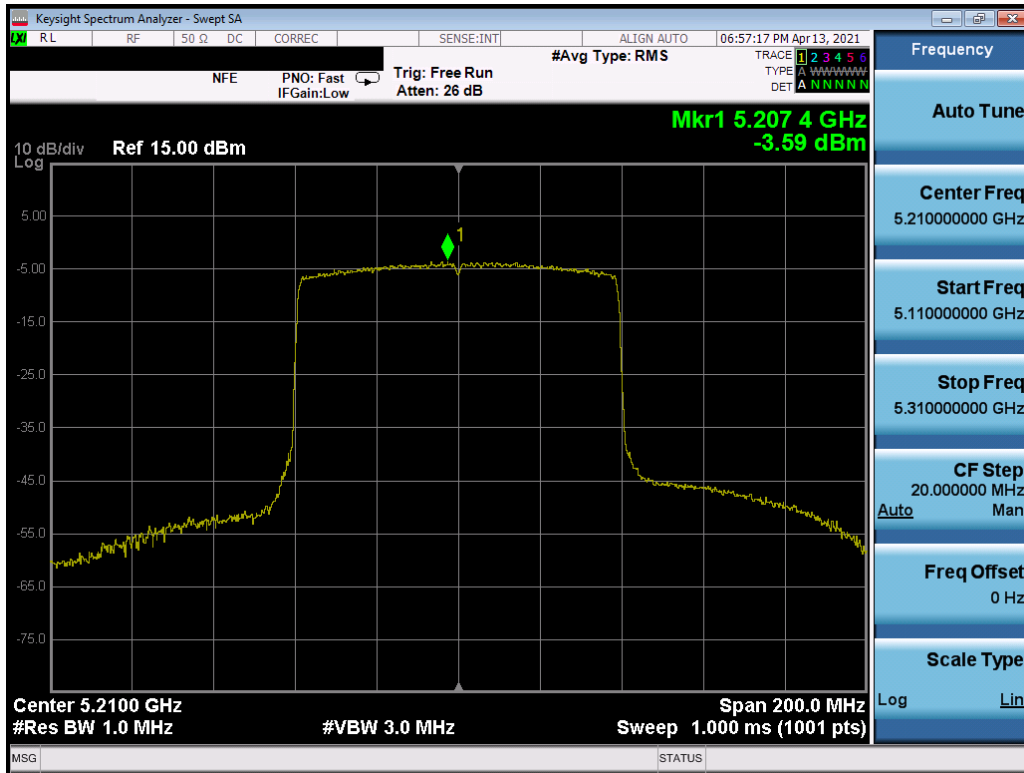


Plot 7-345. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 1) – Ch. 38)

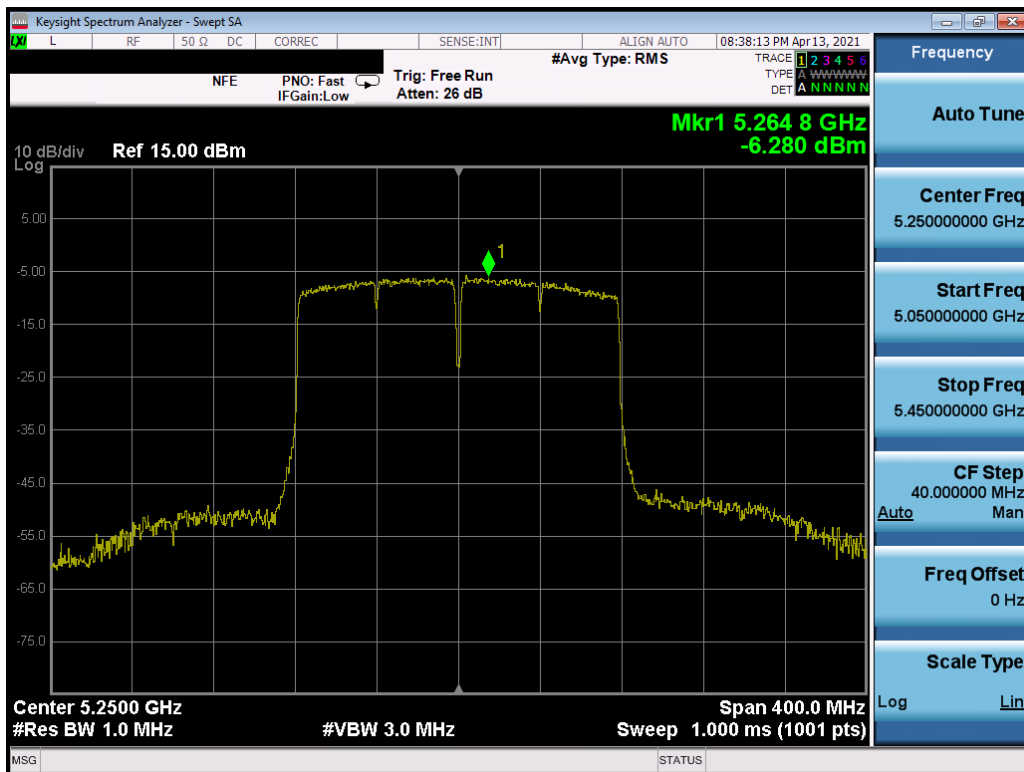
| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 204 of 309 |





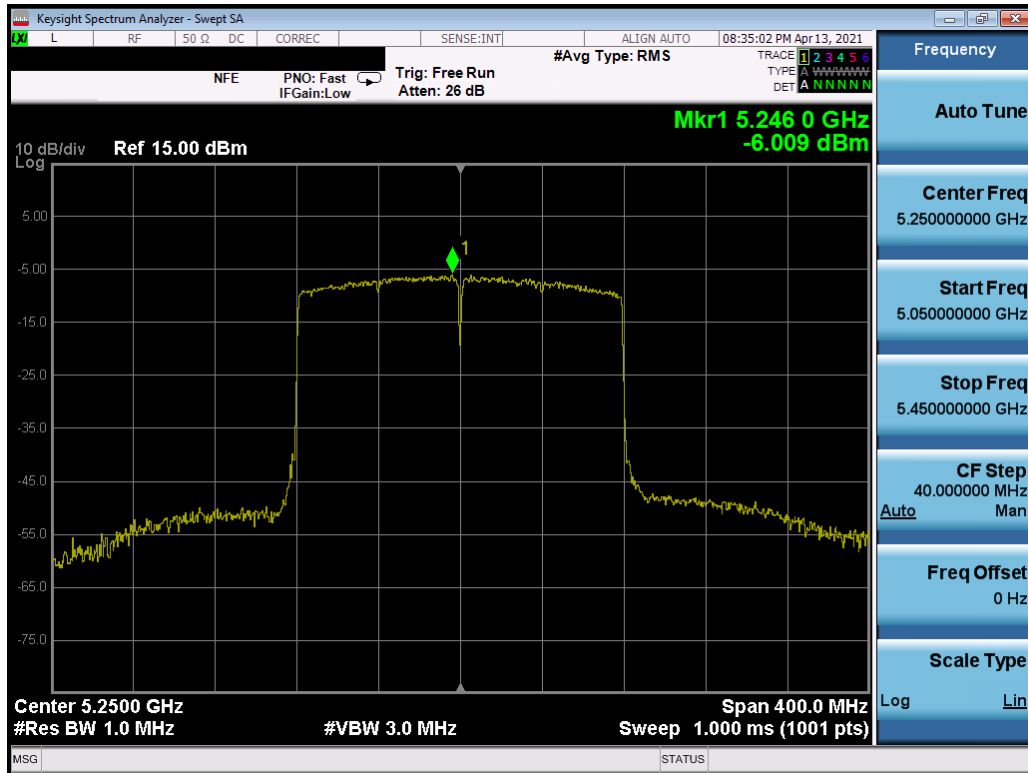


Plot 7-350. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax (UNII Band 1) – Ch. 42)

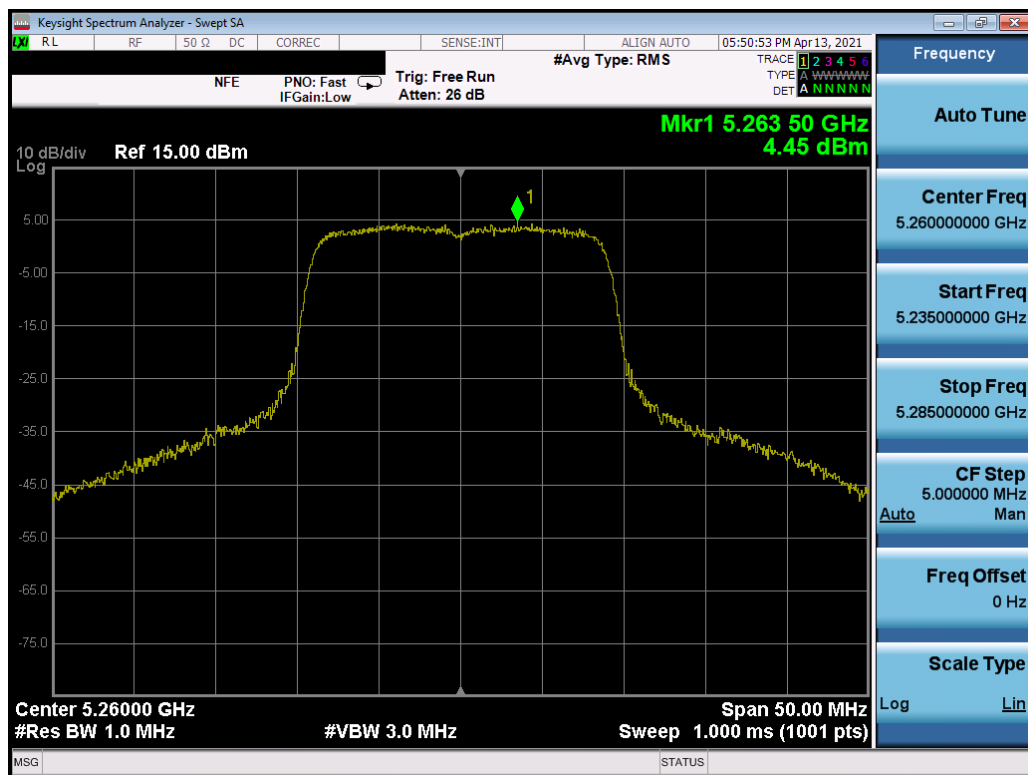


Plot 7-351. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ac (UNII Band 1/2A) – Ch. 50)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 207 of 309 |

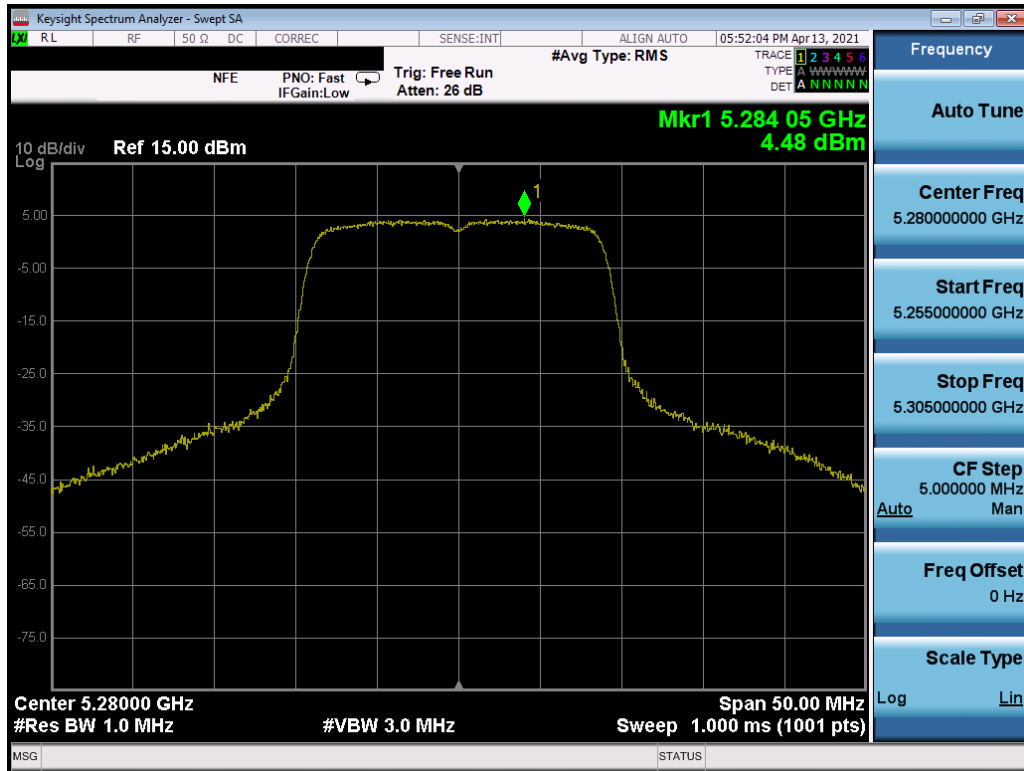


Plot 7-352. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ax (UNII Band 1/2A) – Ch. 50)

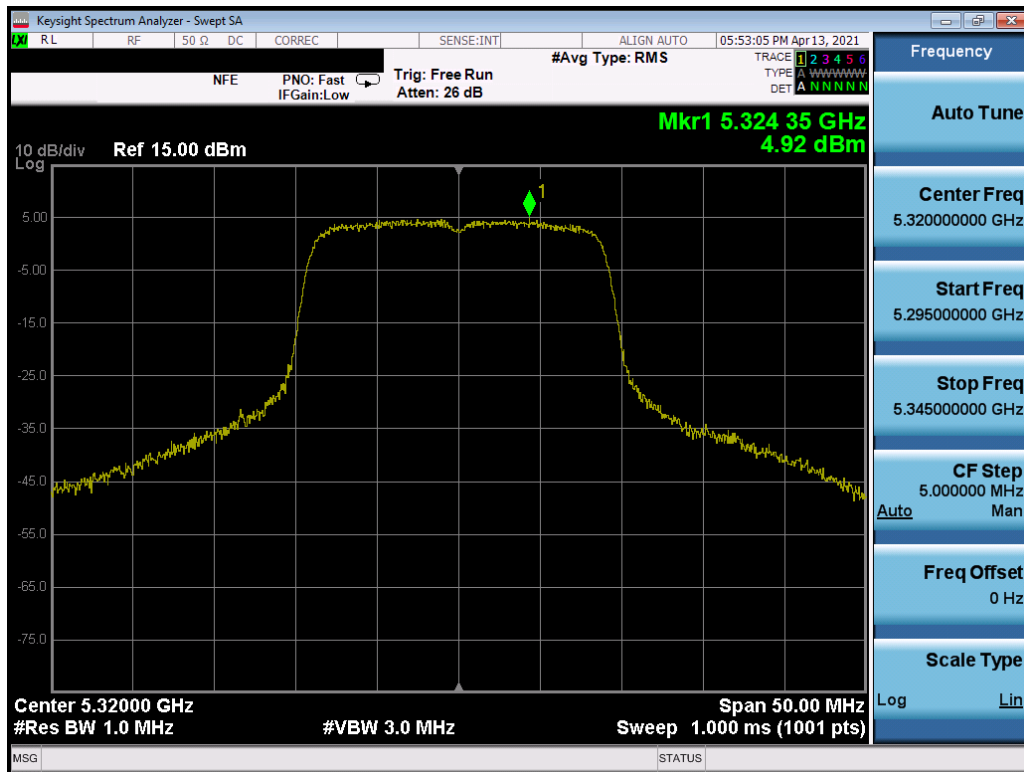


Plot 7-353. Power Spectral Density Plot MIMO ANT2 (802.11a (UNII Band 2A) – Ch. 52)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 208 of 309 |

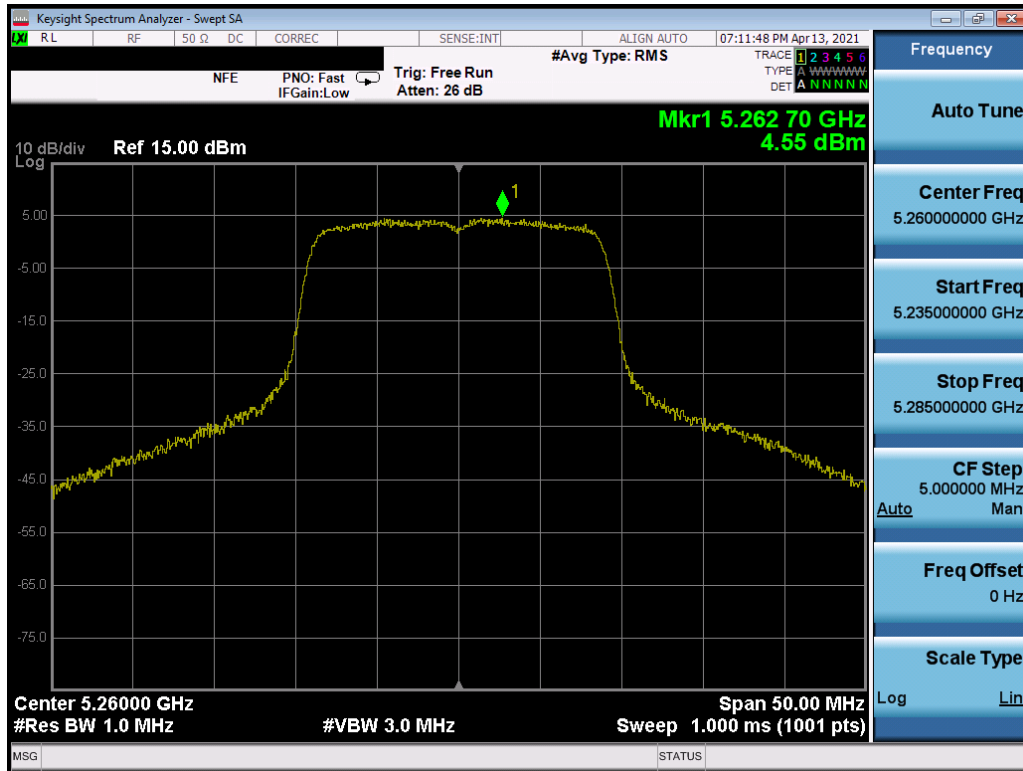


Plot 7-354. Power Spectral Density Plot MIMO ANT2 (802.11a (UNII Band 2A) – Ch. 56)

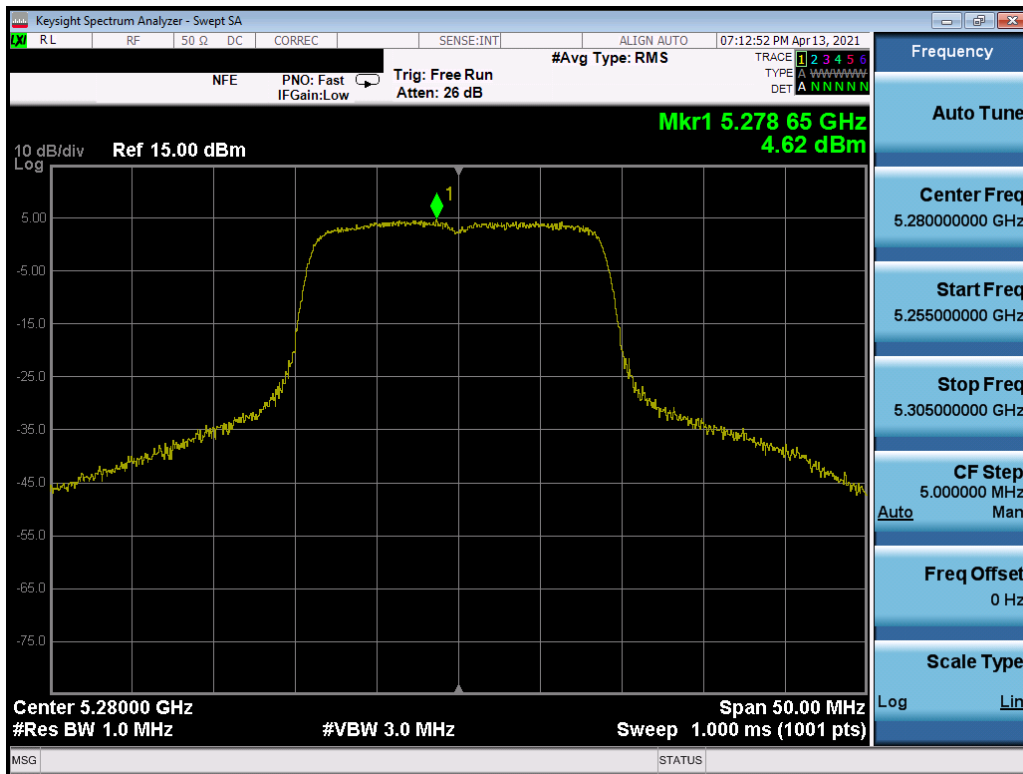


Plot 7-355. Power Spectral Density Plot MIMO ANT2 (802.11a (UNII Band 2A) – Ch. 64)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 209 of 309 |

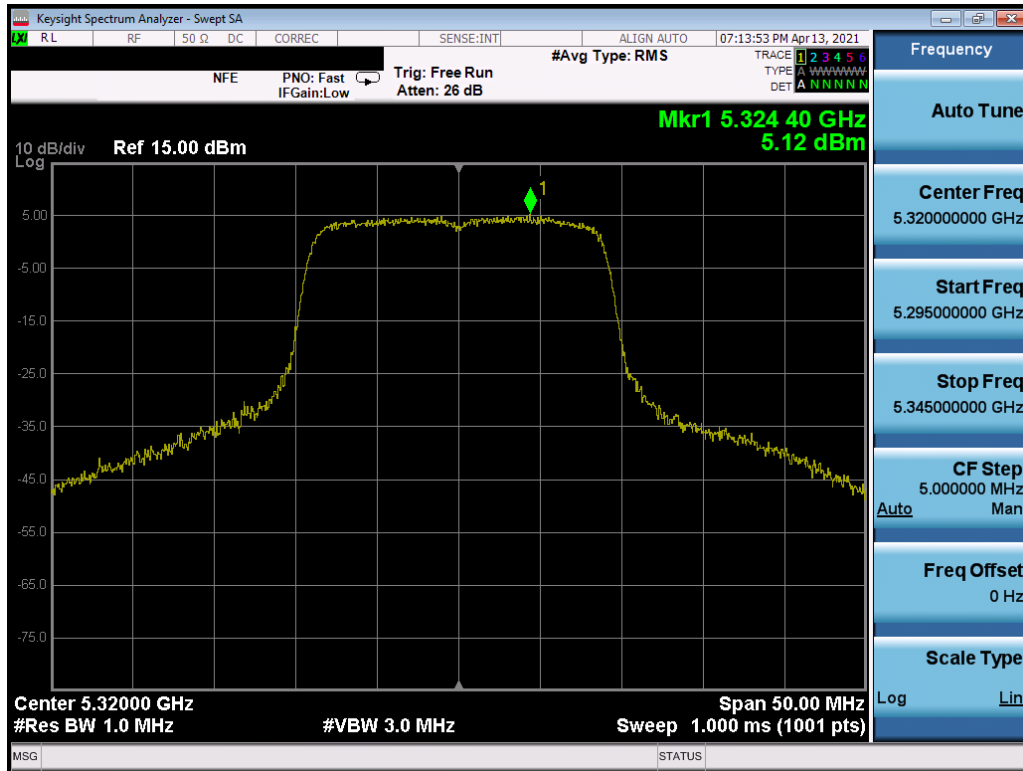


Plot 7-356. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 2A) – Ch. 52)

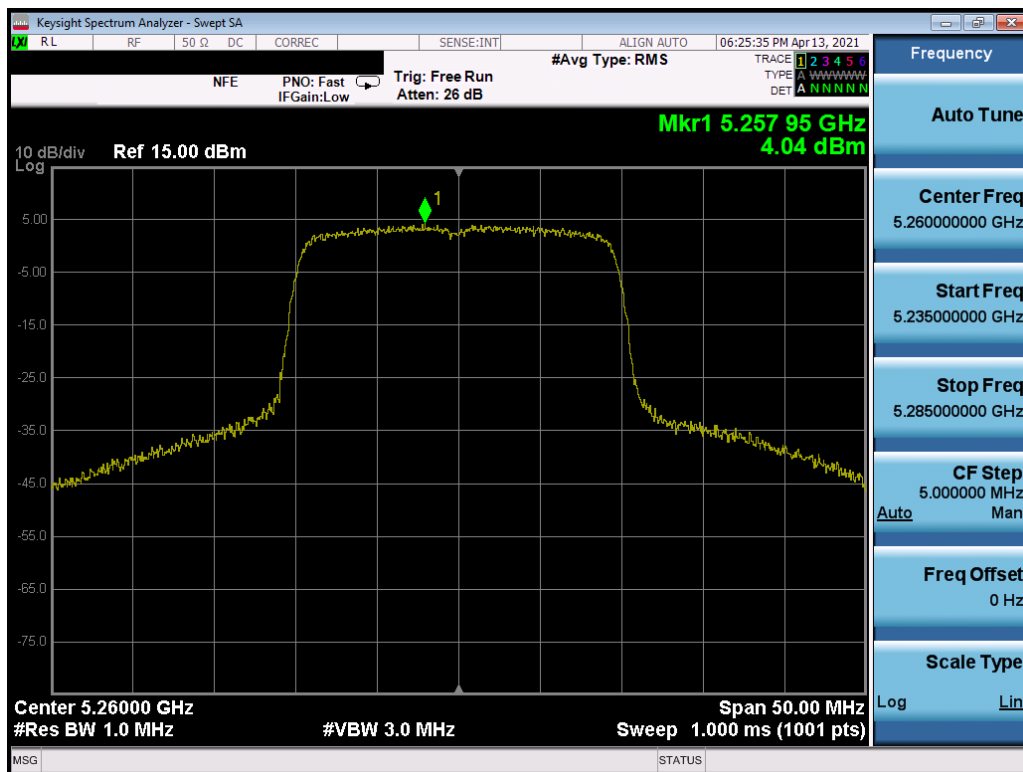


Plot 7-357. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 2A) – Ch. 56)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 210 of 309 |

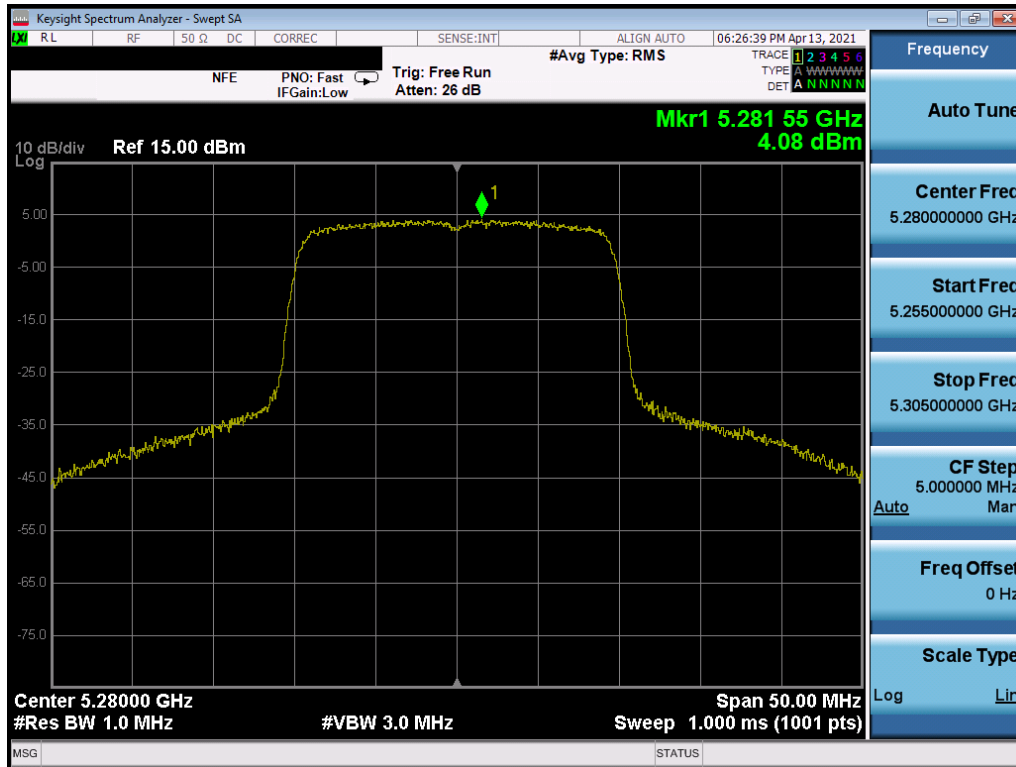


Plot 7-358. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 2A) – Ch. 64)

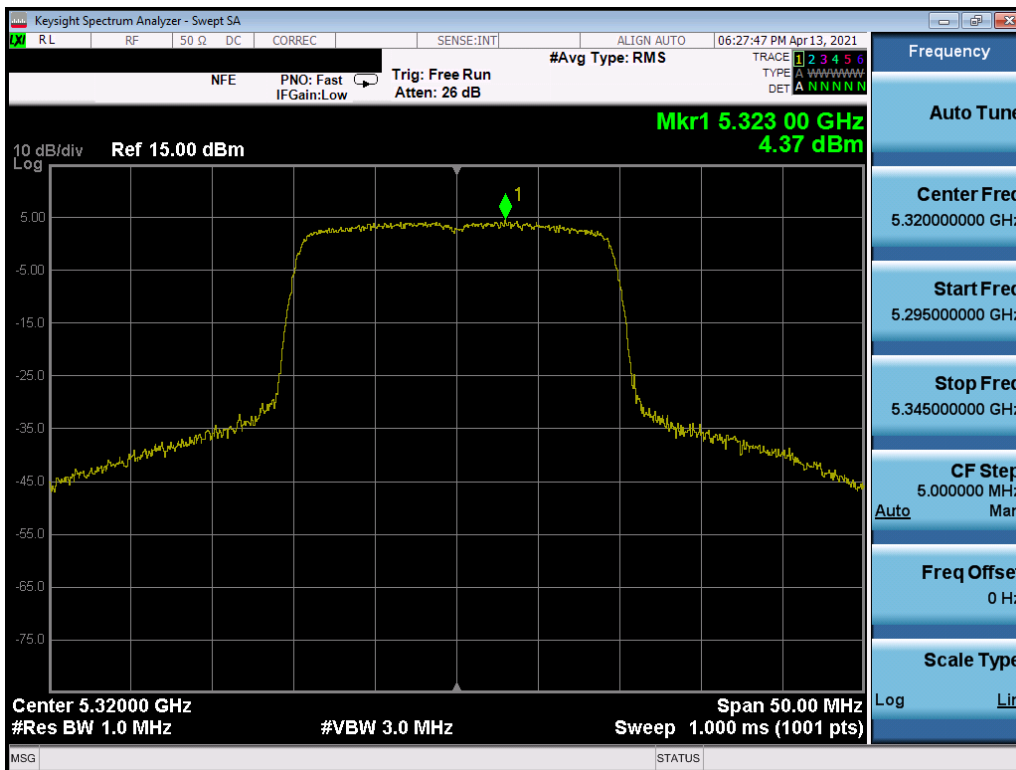


Plot 7-359. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 52)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 211 of 309 |



Plot 7-360. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 56)



Plot 7-361. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 64)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 212 of 309 |