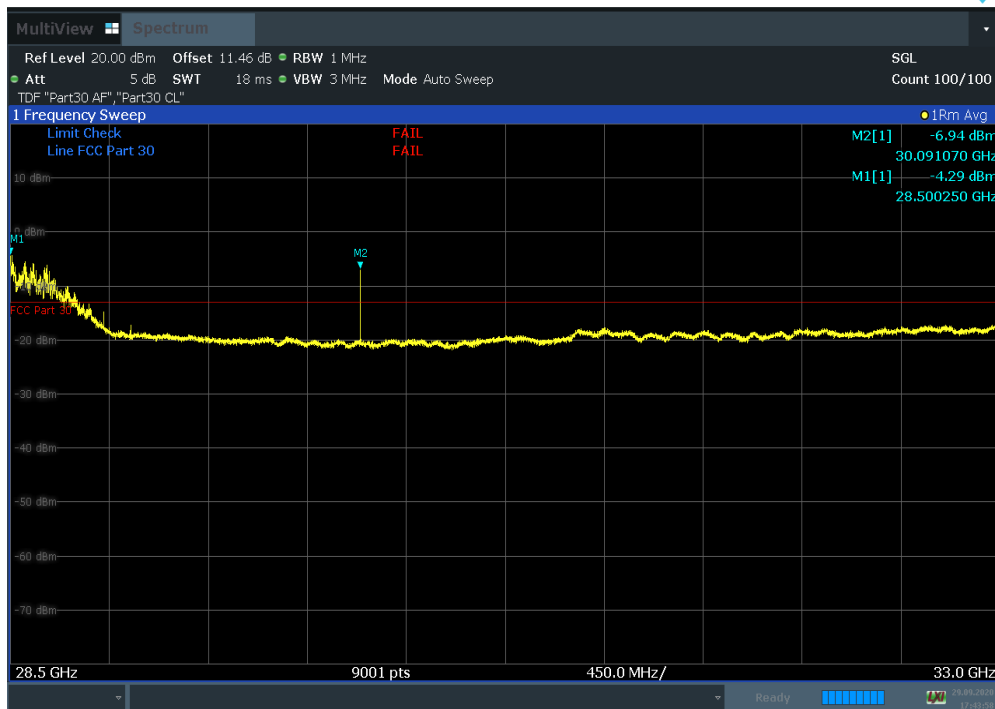
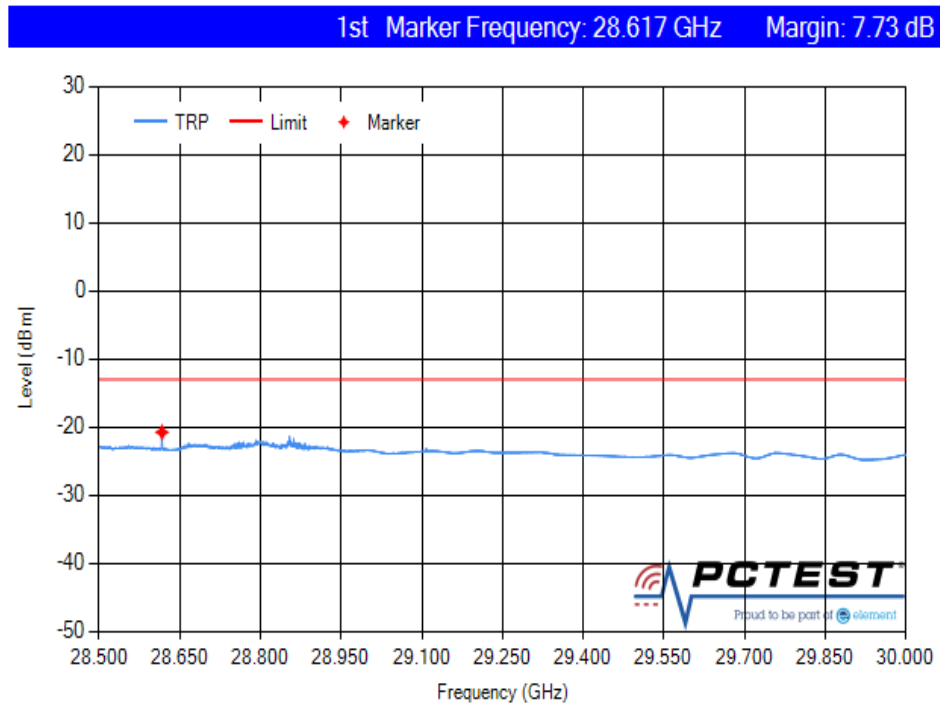


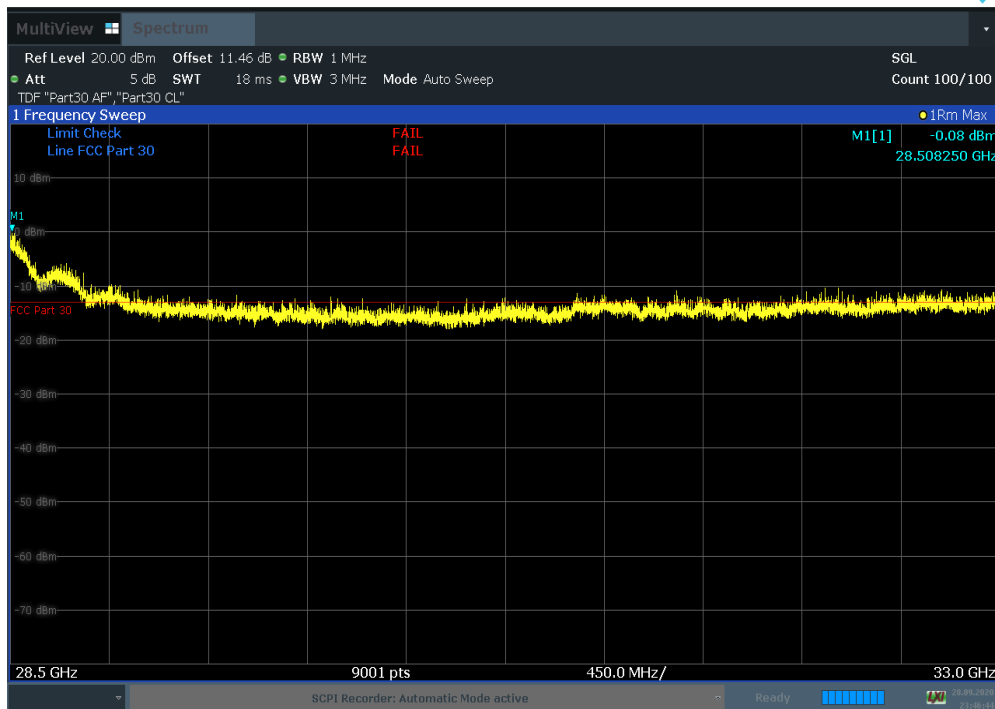


Plot 7-456. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 135, Final)

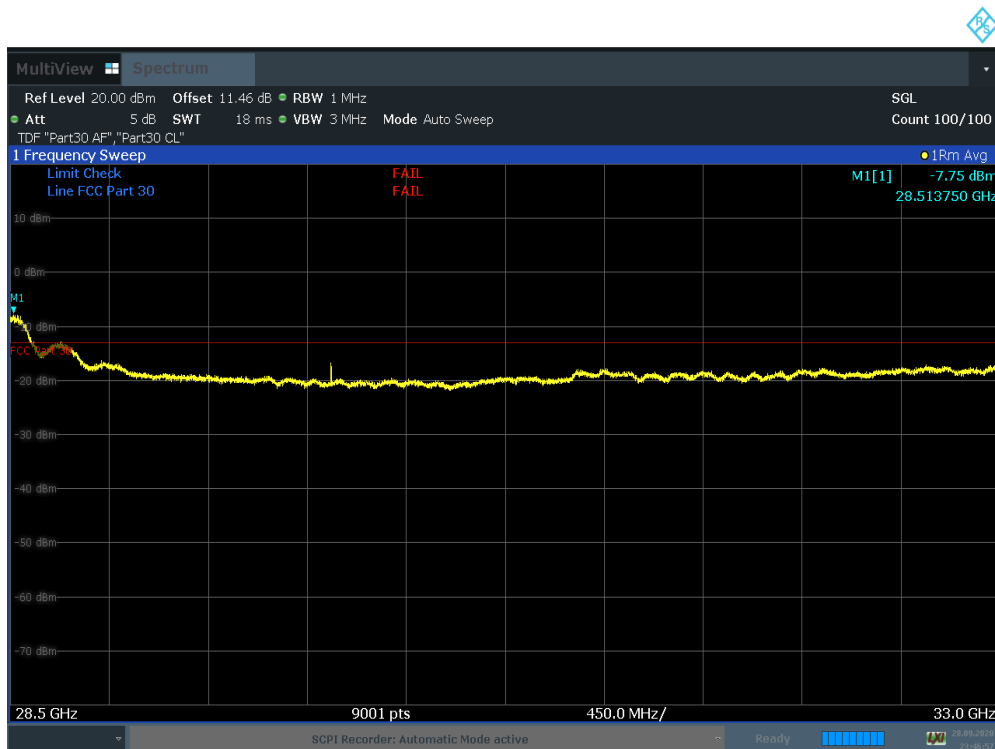


Plot 7-457. RSE 28.5 GHz – 30 GHz (100 MHz BW 4CC CC QPSK Mid TRP)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 289 of 466

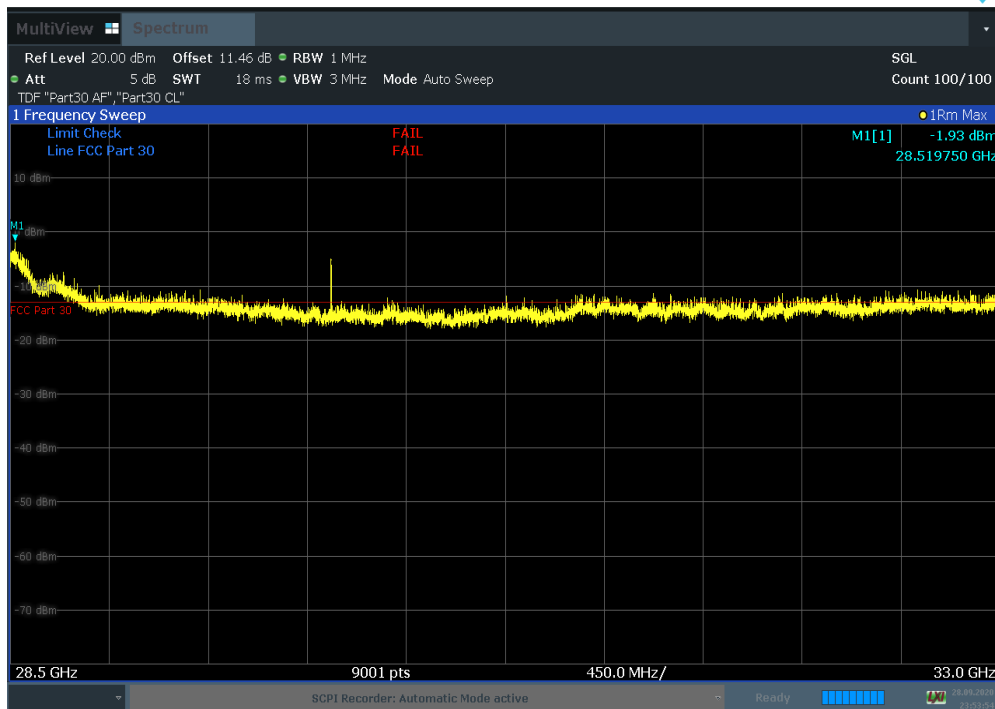


Plot 7-458. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK Mid Ant. Angle 45)

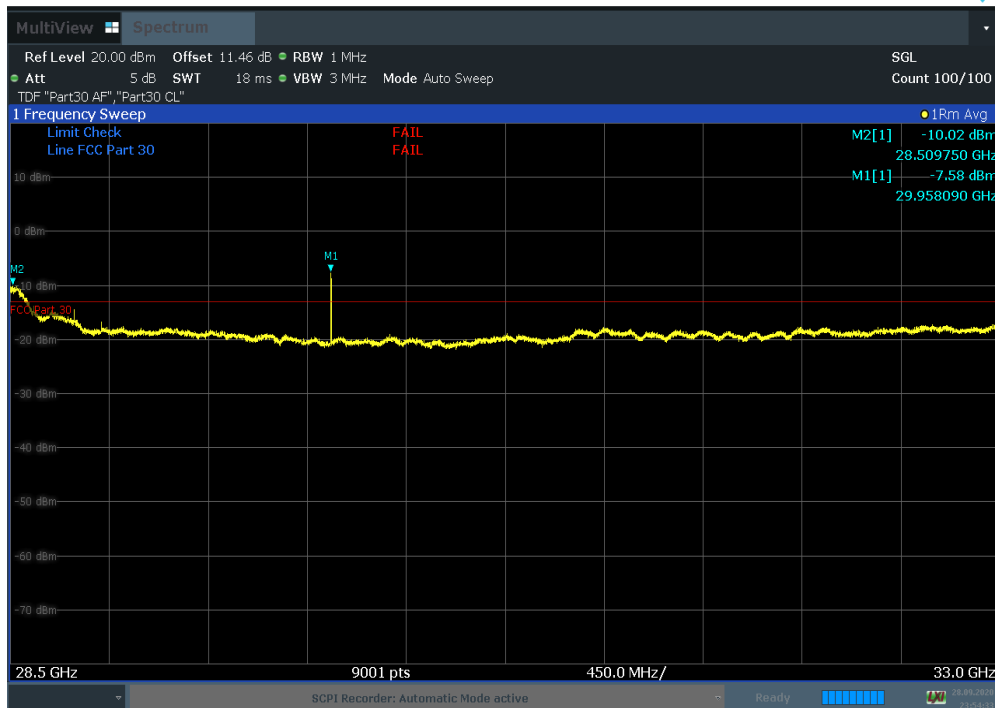


Plot 7-459. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK Mid Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 290 of 466

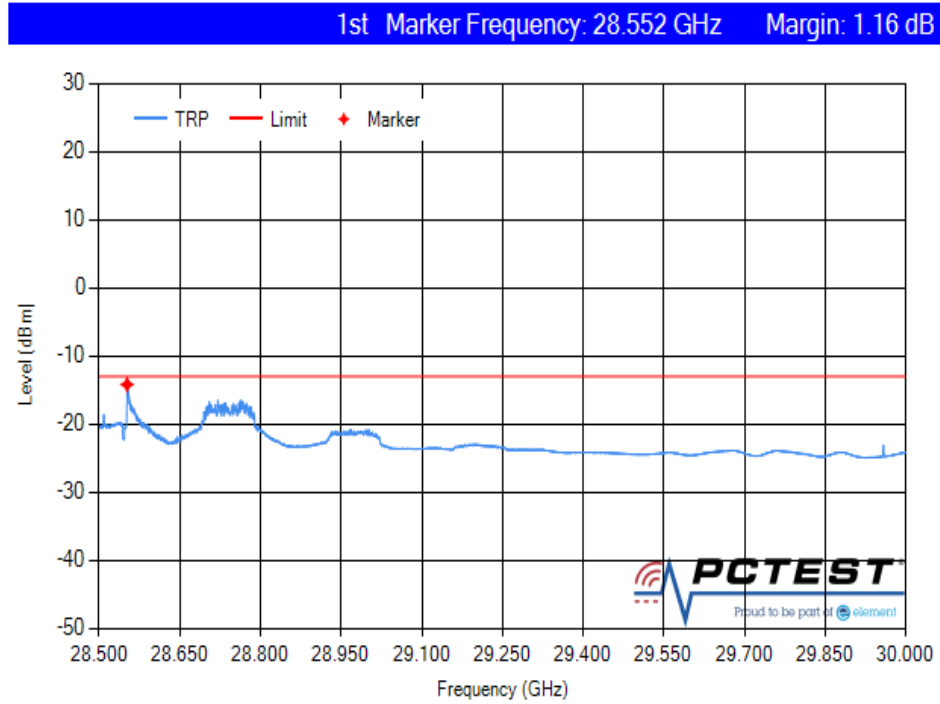


Plot 7-460. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK Mid Ant. Angle 135)

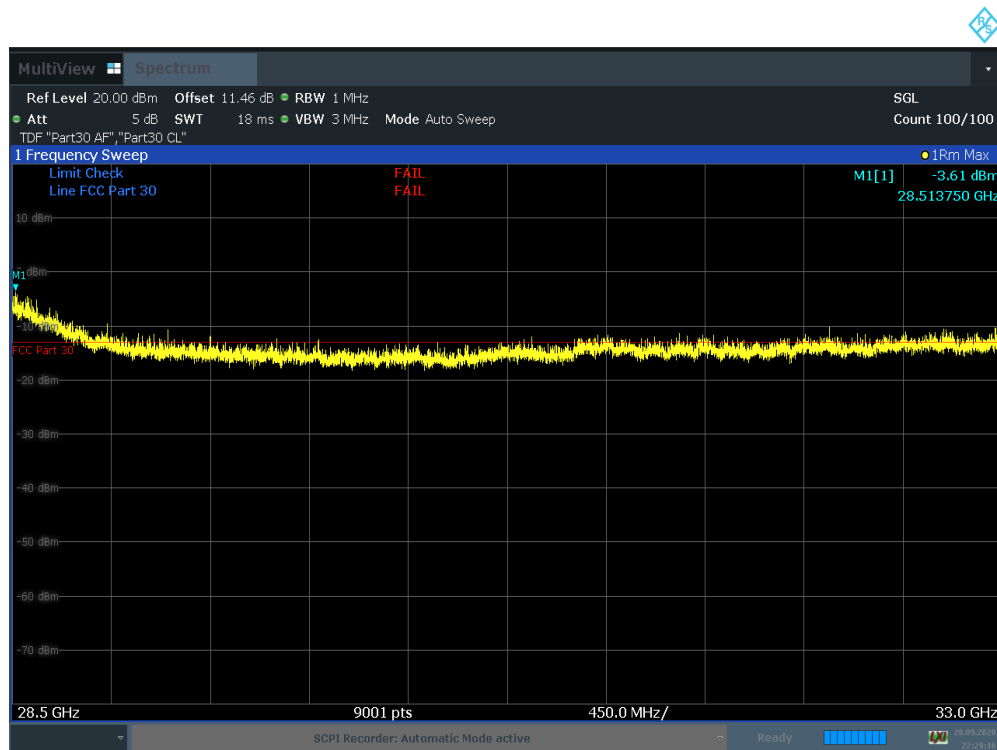


Plot 7-461. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK Mid Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 291 of 466

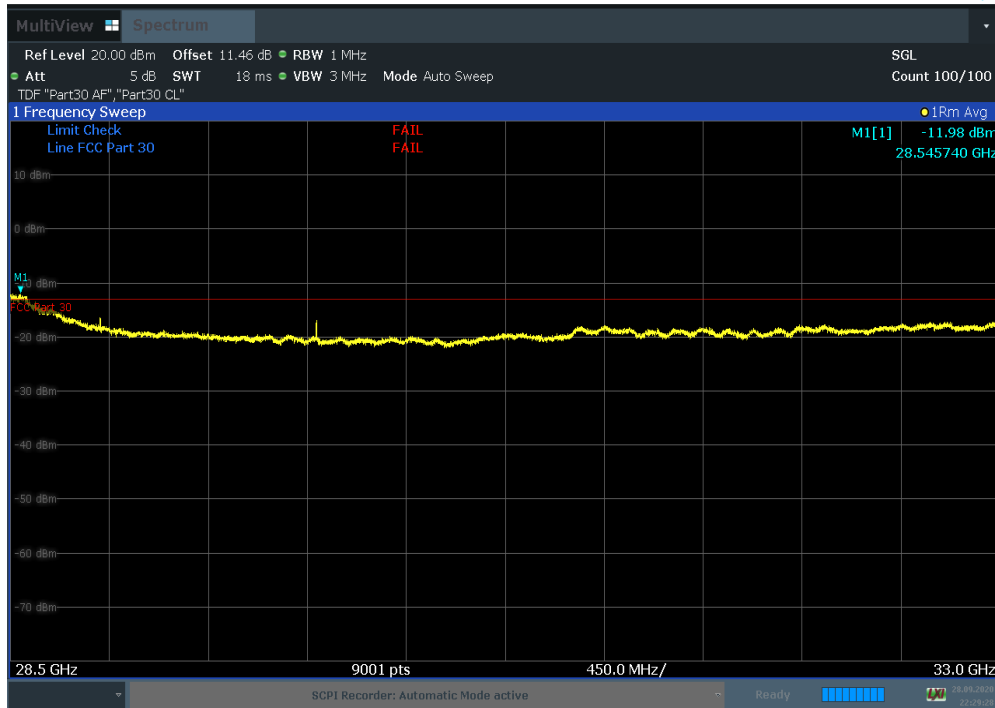


Plot 7-462. RSE 28.5 GHz – 30 GHz (100 MHz BW 4CC NC QPSK Mid TRP)

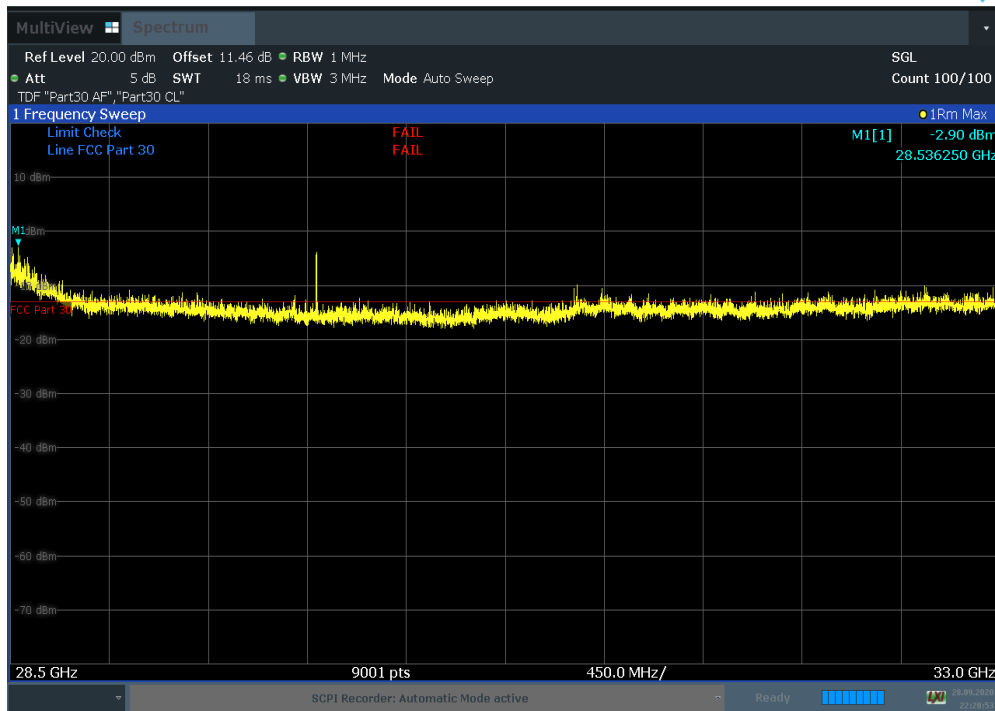


Plot 7-463. RSE 28.5 GHz – 33 GHz (100 MHz BW 8CC CC QPSK Mid Ant. Angle 45)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 292 of 466

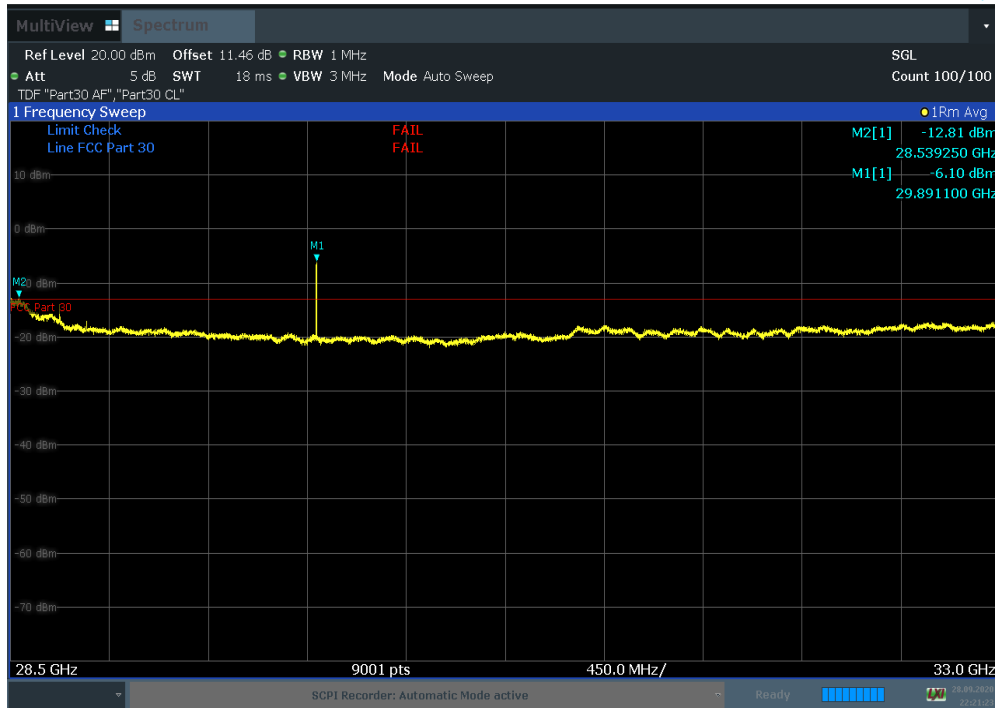


Plot 7-464. RSE 28.5 GHz – 33 GHz (100 MHz BW 8CC CC QPSK Mid Ant. Angle 45, Final)

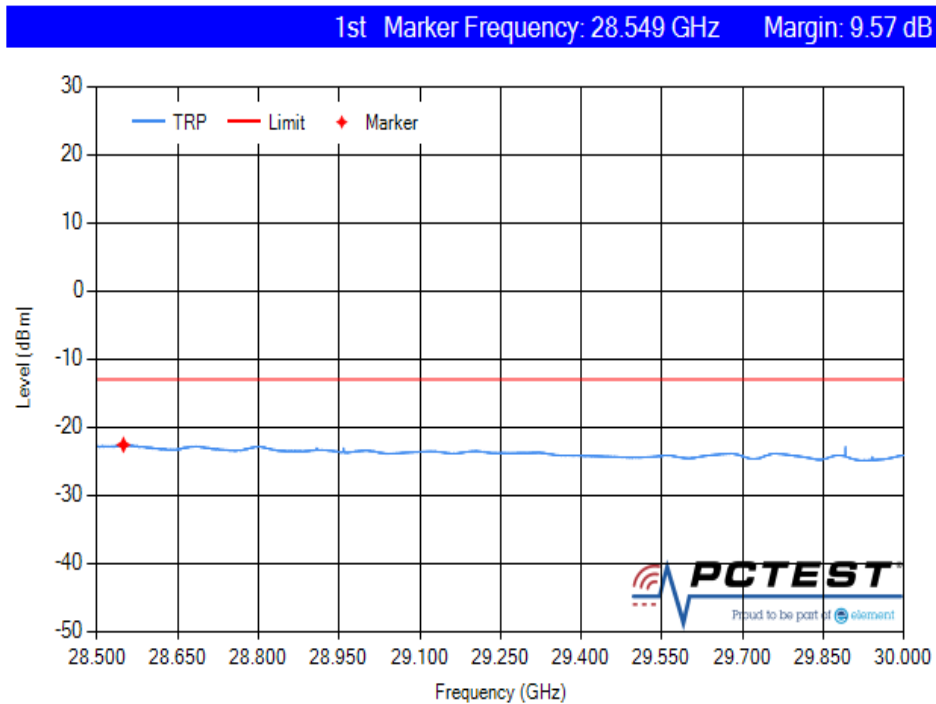


Plot 7-465. RSE 28.5 GHz – 33 GHz (100 MHz BW 8CC CC QPSK Mid Ant. Angle 135)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 293 of 466

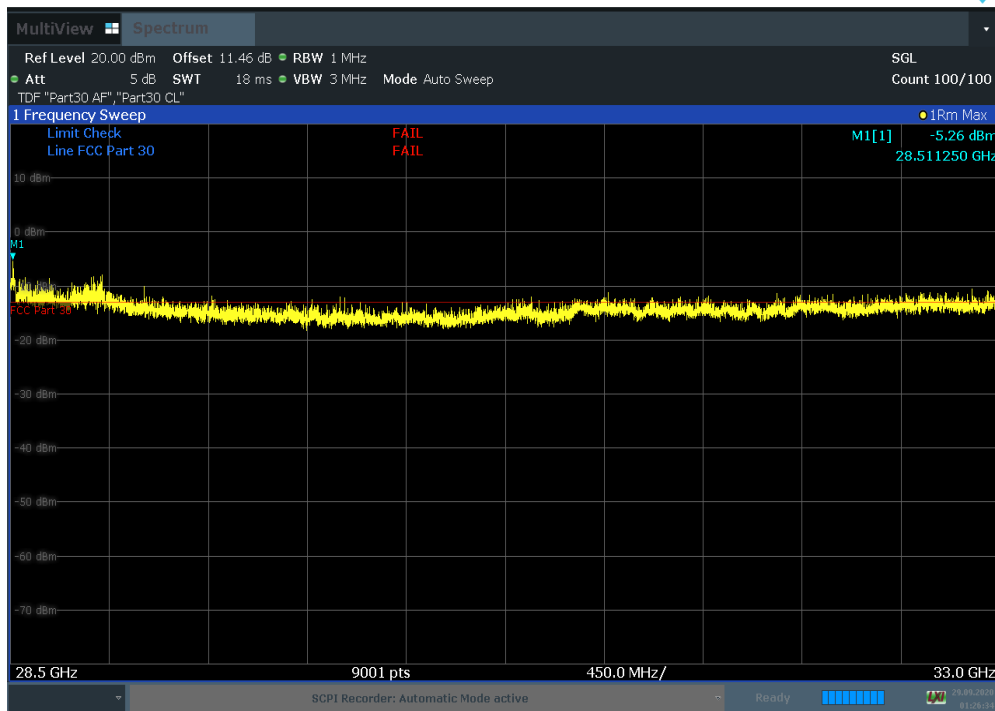


Plot 7-466. RSE 28.5 GHz – 33 GHz (100 MHz BW 8CC CC QPSK Mid Ant. Angle 135, Final)

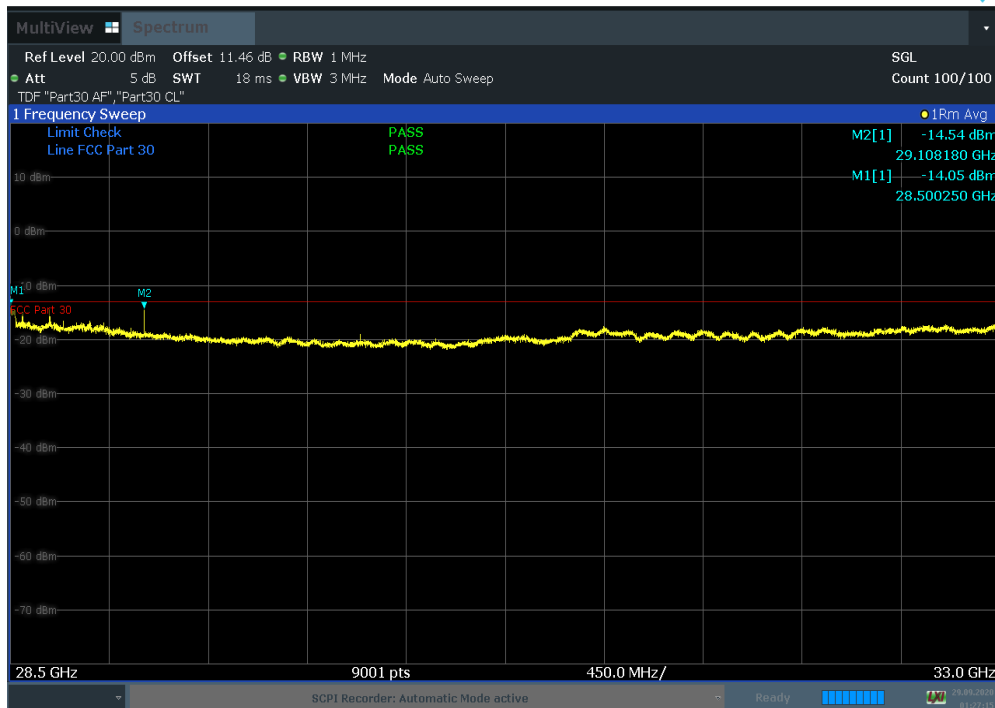


Plot 7-467. RSE 28.5 GHz – 30 GHz (100 MHz BW 8CC CC QPSK Mid TRP)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 294 of 466

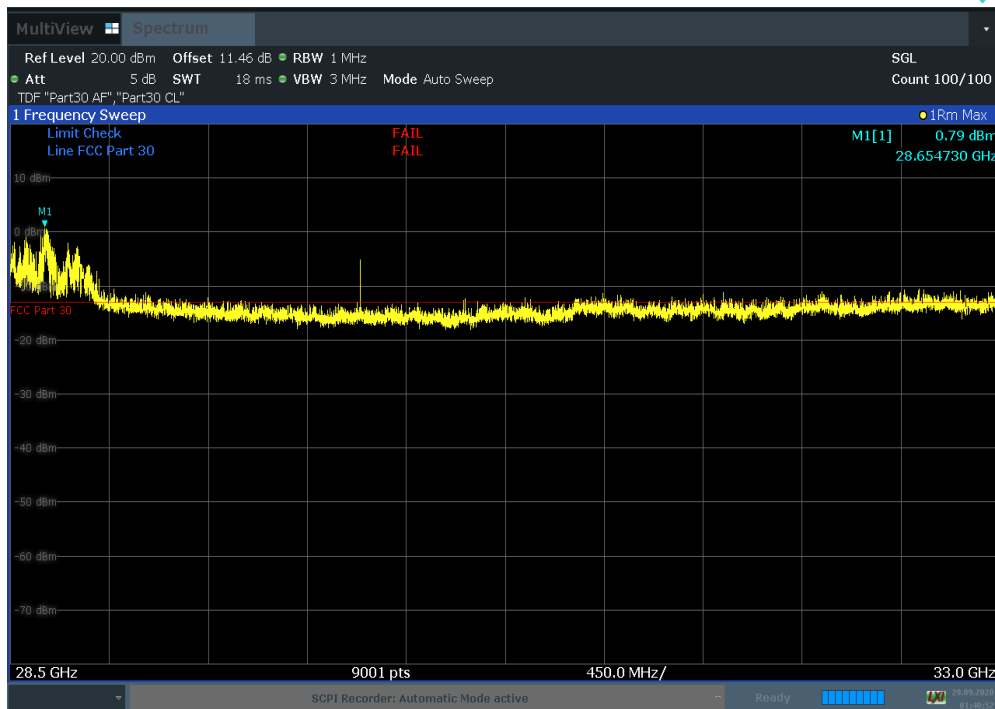


Plot 7-468. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
 Mid Ant. Angle 45)

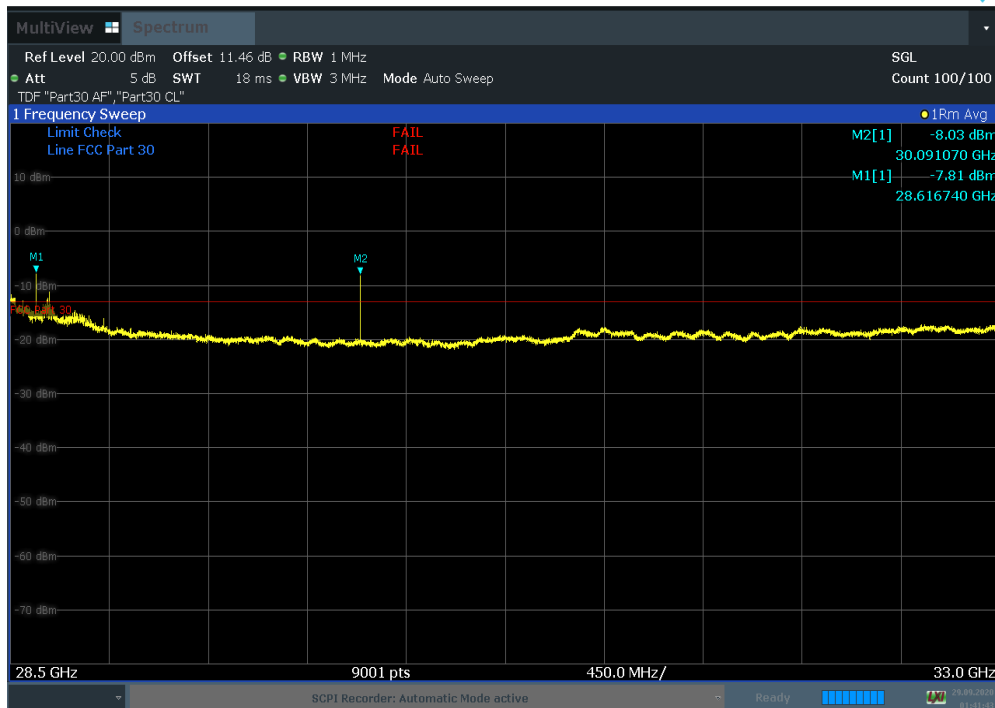


Plot 7-469. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
 Mid Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 295 of 466

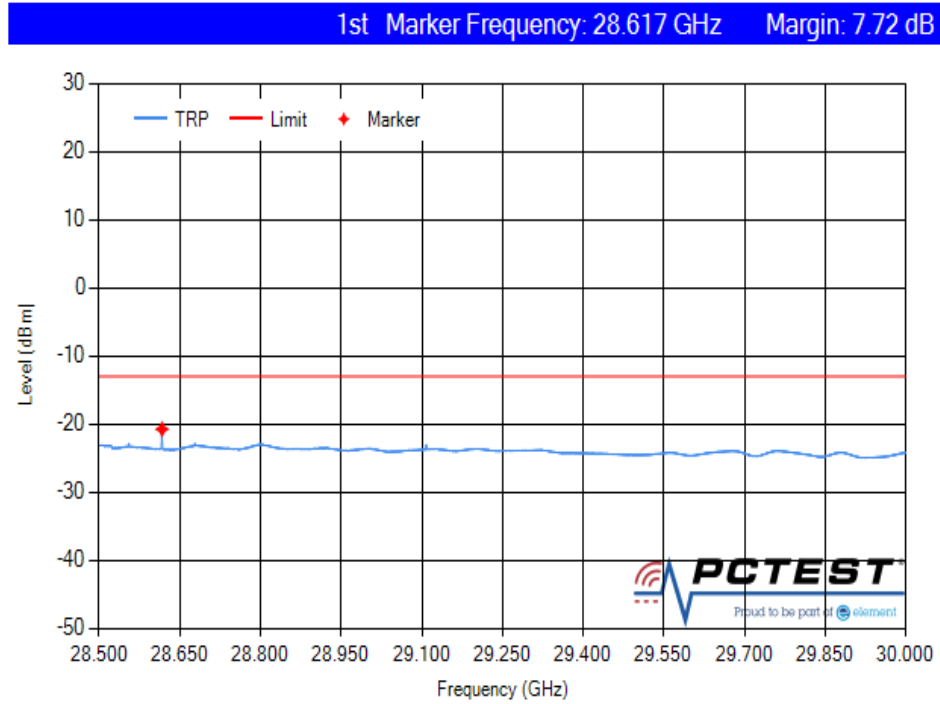


Plot 7-470. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
Mid Ant. Angle 135)

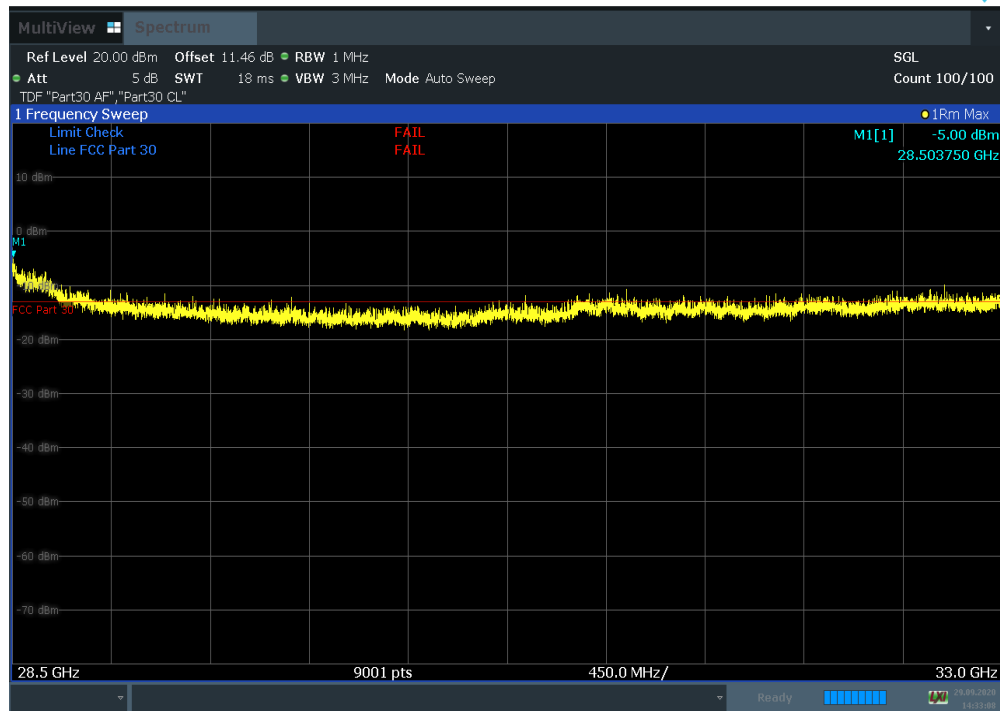


Plot 7-471. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
Mid Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 296 of 466

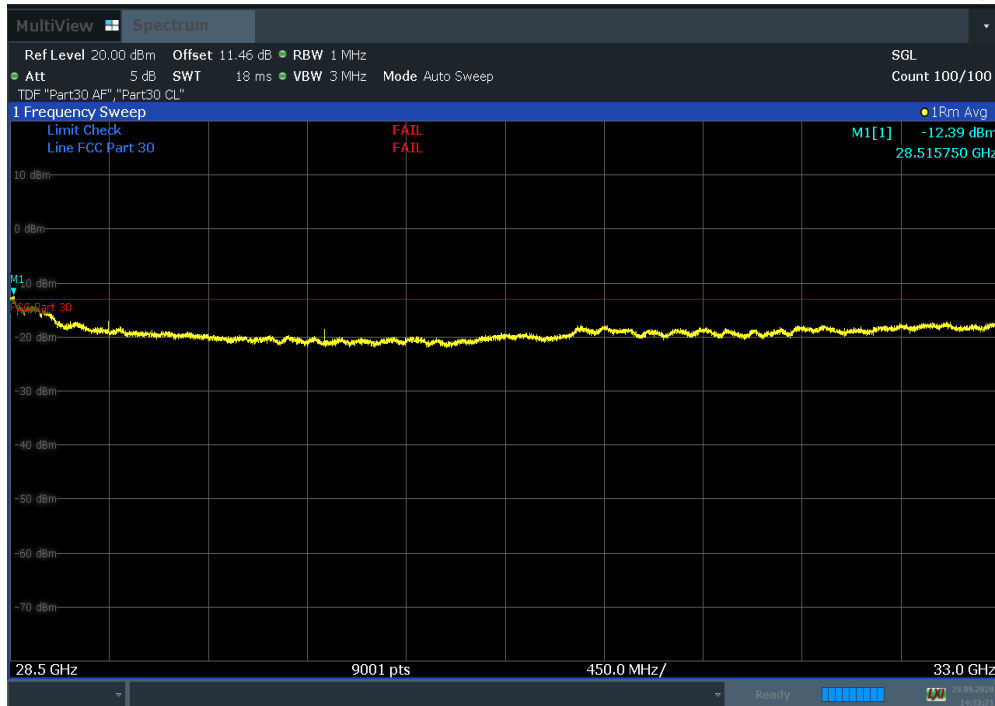


Plot 7-472. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Mid TRP)

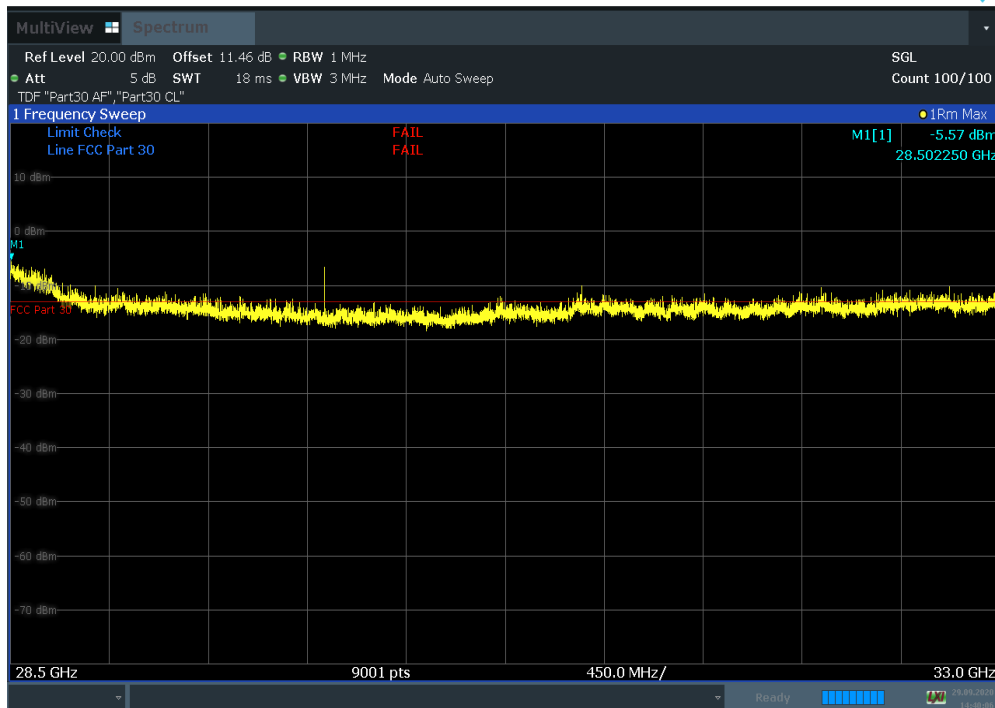


Plot 7-473. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Mid Ant. Angle 45)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 297 of 466

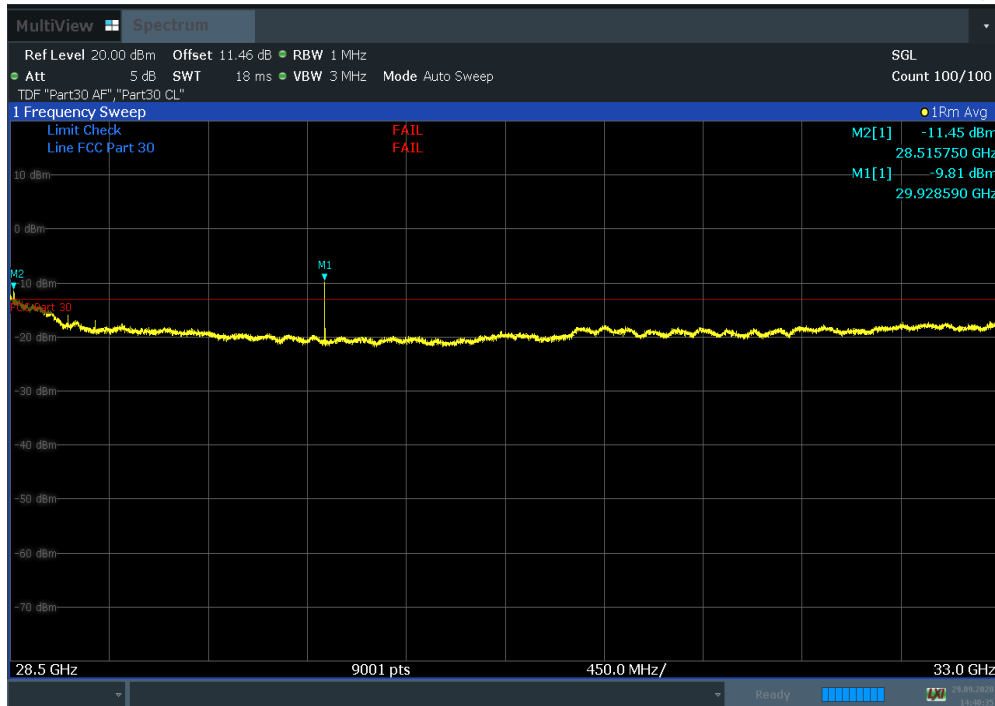


Plot 7-474. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Mid Ant. Angle 45, Final)

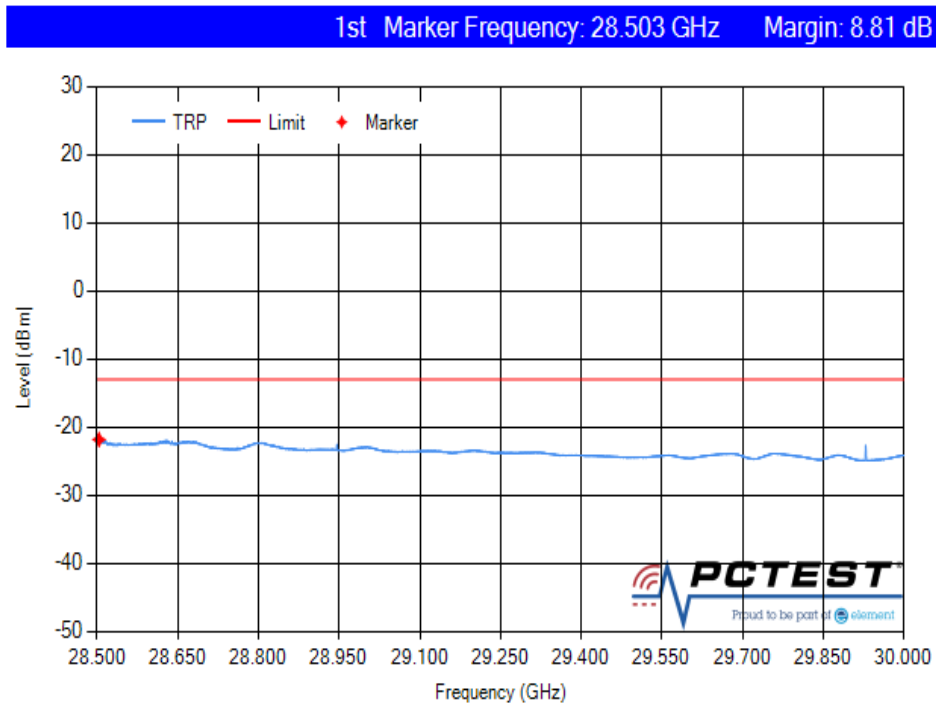


Plot 7-475. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Mid Ant. Angle 135)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 298 of 466

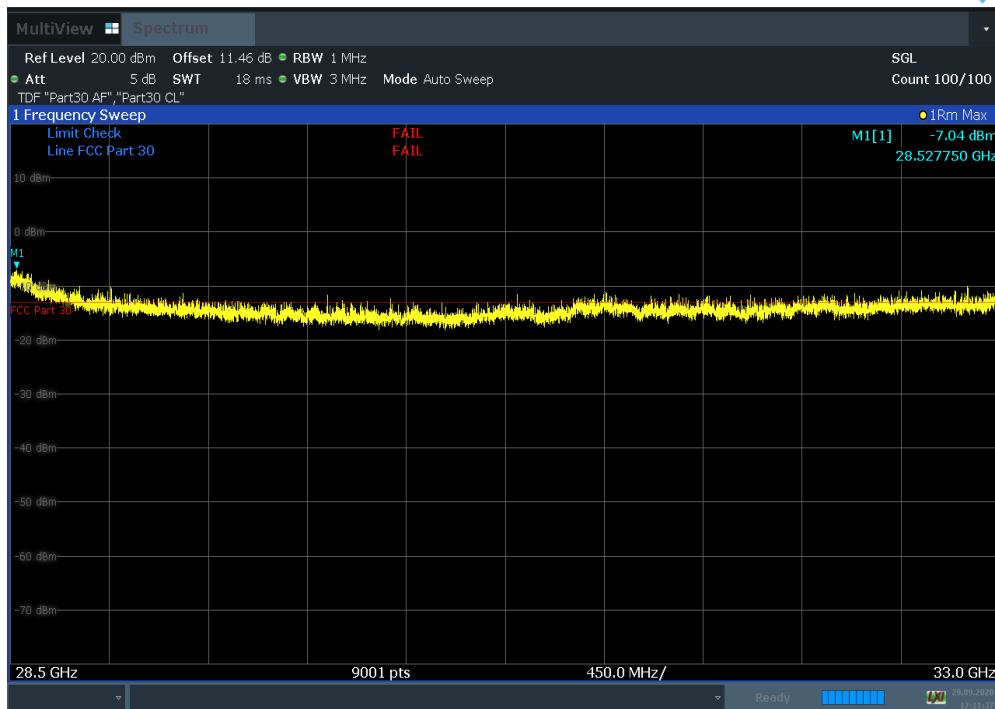


Plot 7-476. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK
Mid Ant. Angle 135, Final)

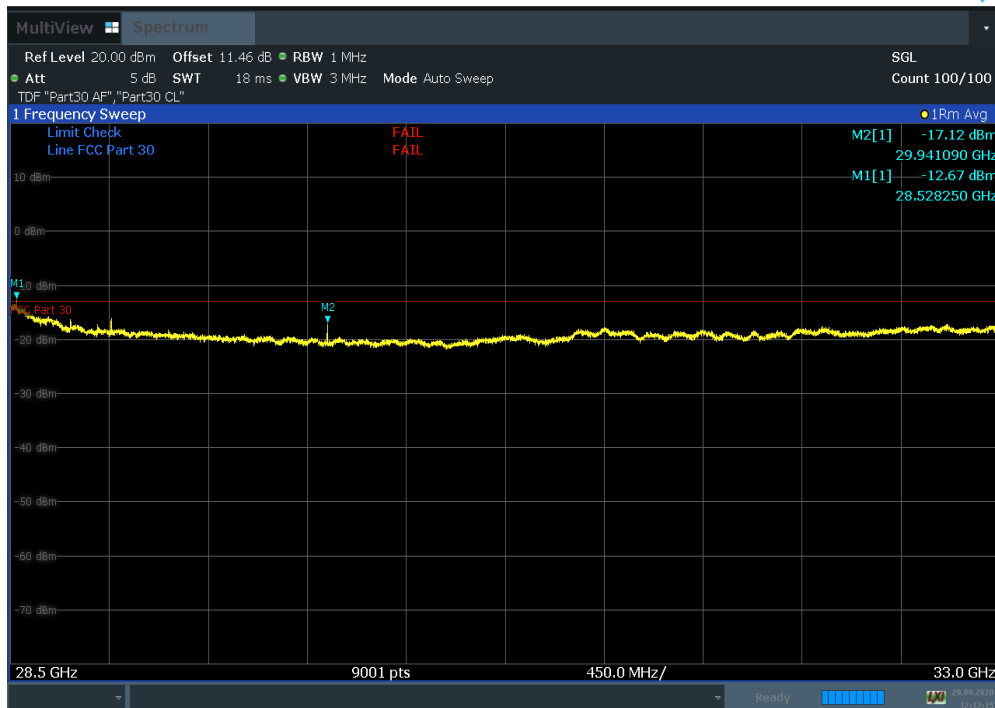


Plot 7-477. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK
Mid TRP)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 299 of 466

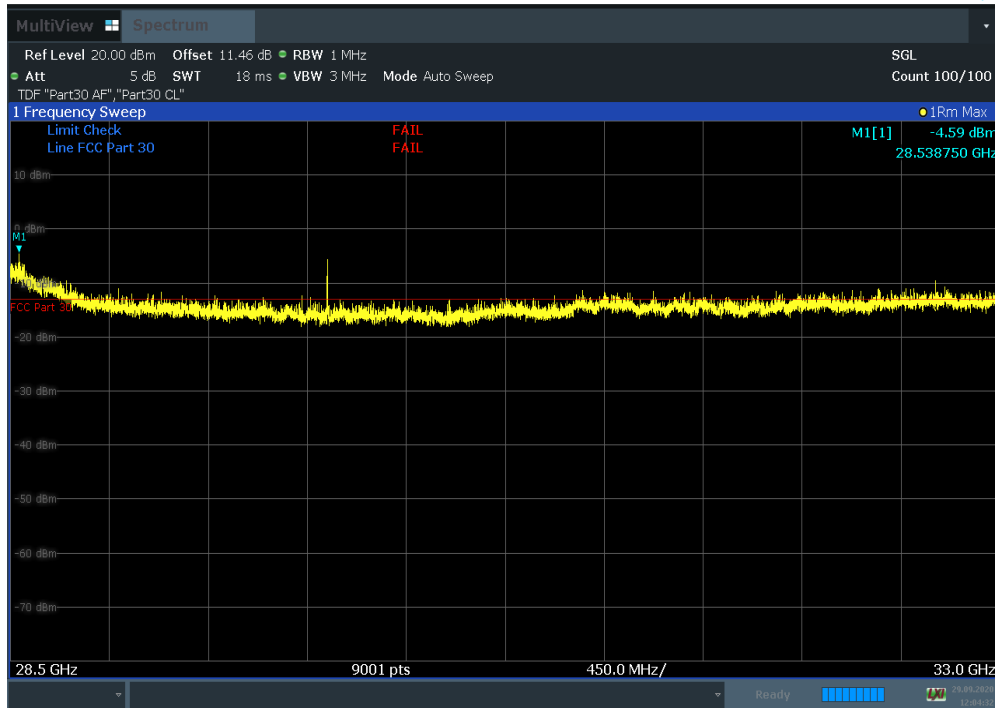


Plot 7-478. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
Mid Ant. Angle 45)

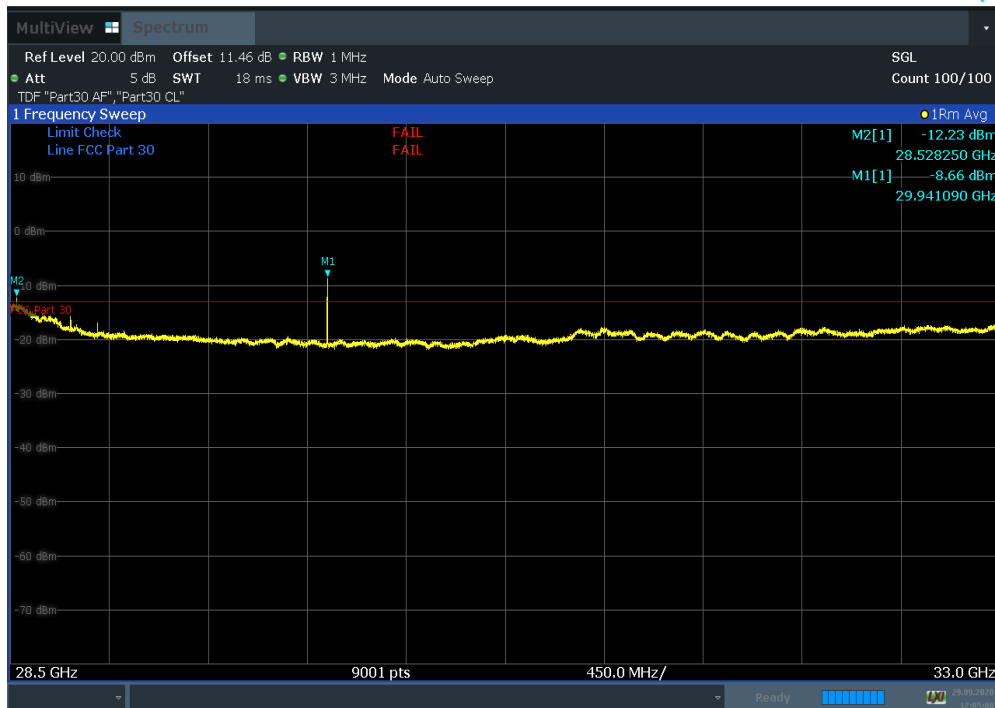


Plot 7-479. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
Mid Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 300 of 466

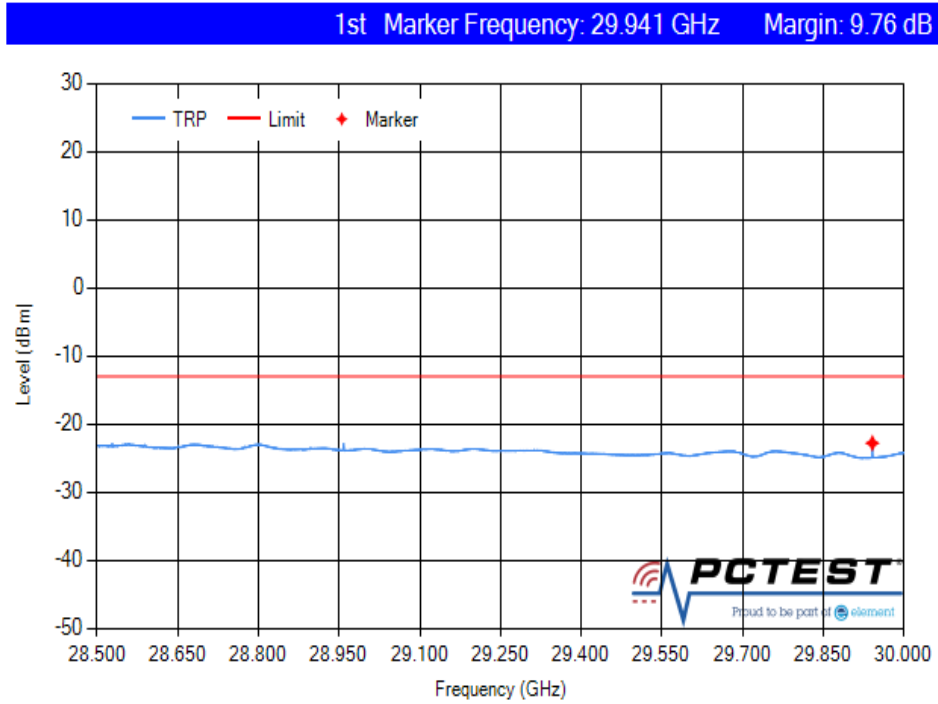


Plot 7-480. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
Mid Ant. Angle 135)

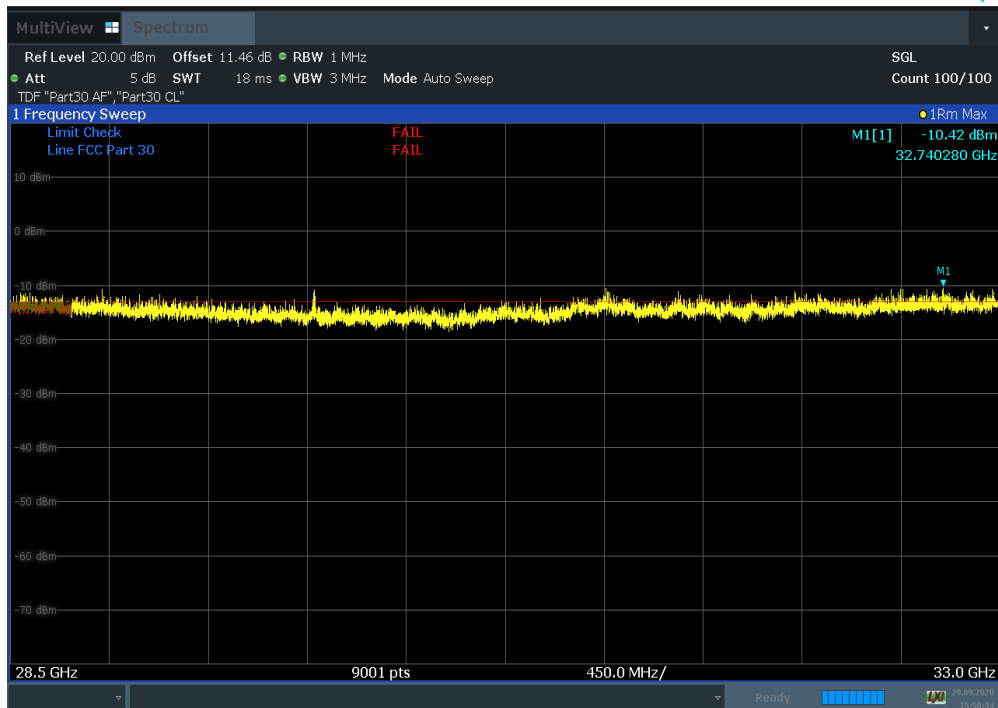


Plot 7-481. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
Mid Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 301 of 466

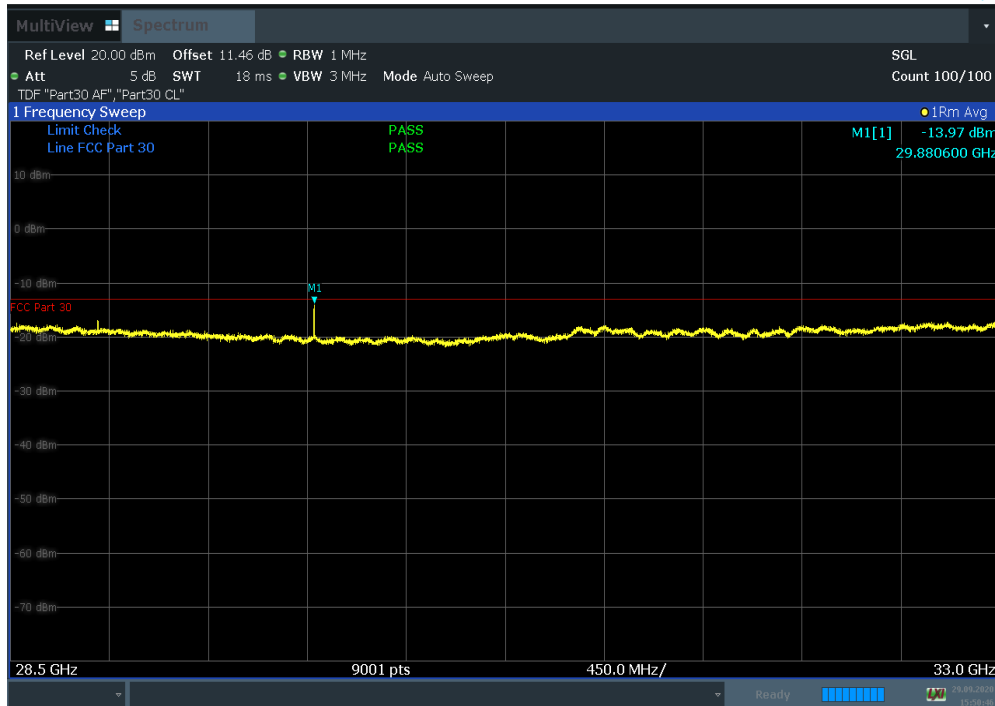


Plot 7-482. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Mid TRP)

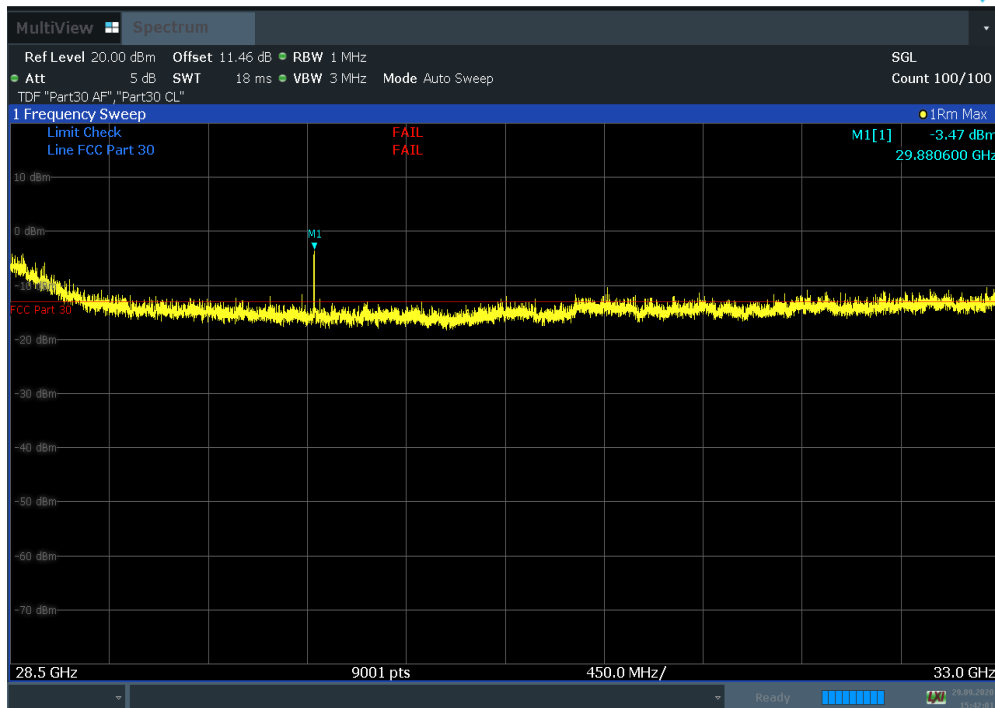


Plot 7-483. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Mid Ant. Angle 45)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 302 of 466

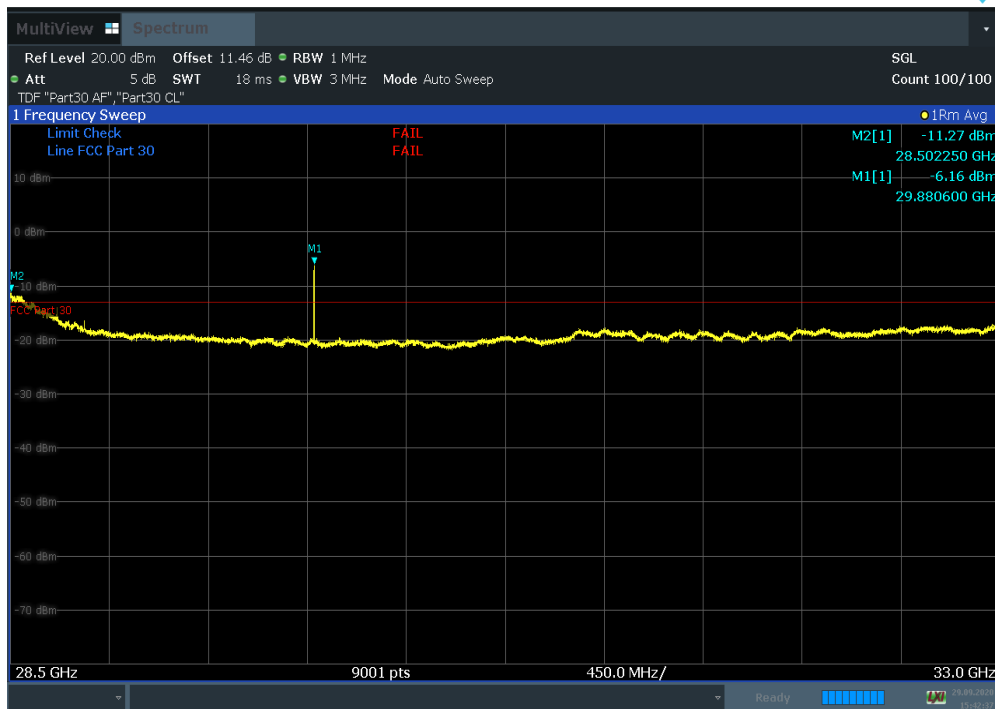


Plot 7-484. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
Mid Ant. Angle 45, Final)

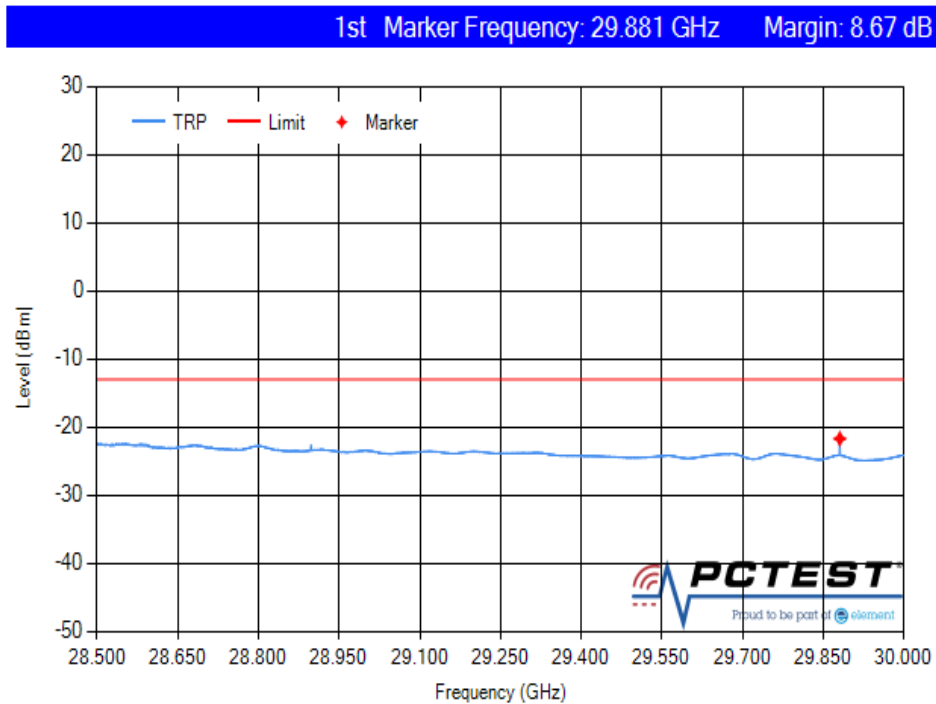


Plot 7-485. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
Mid Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 303 of 466

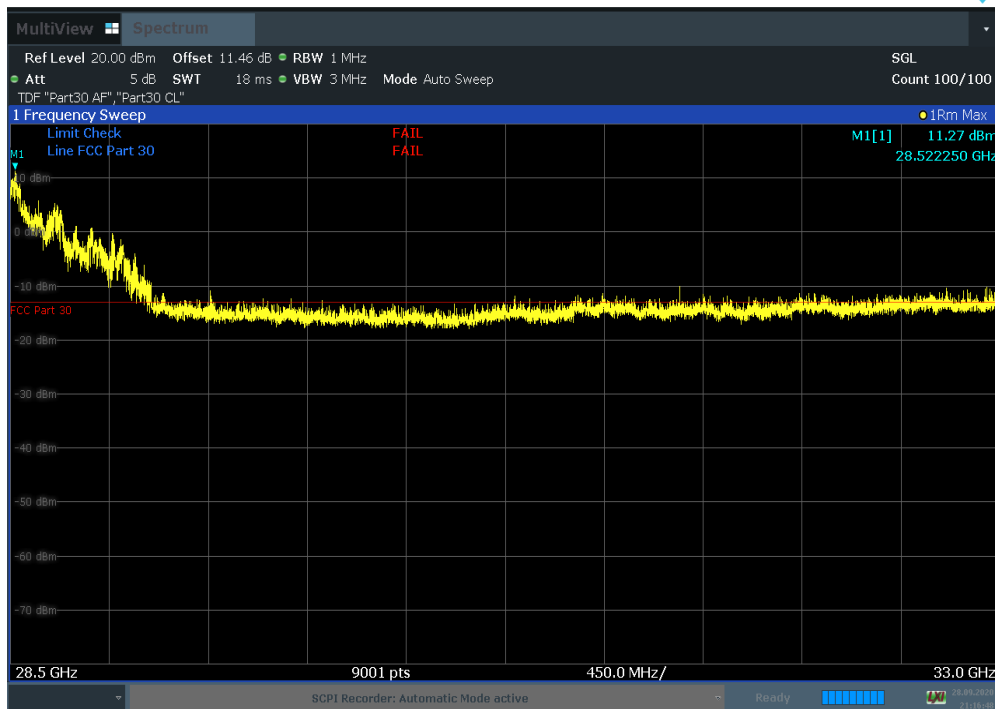


Plot 7-486. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
Mid Ant. Angle 135, Final)

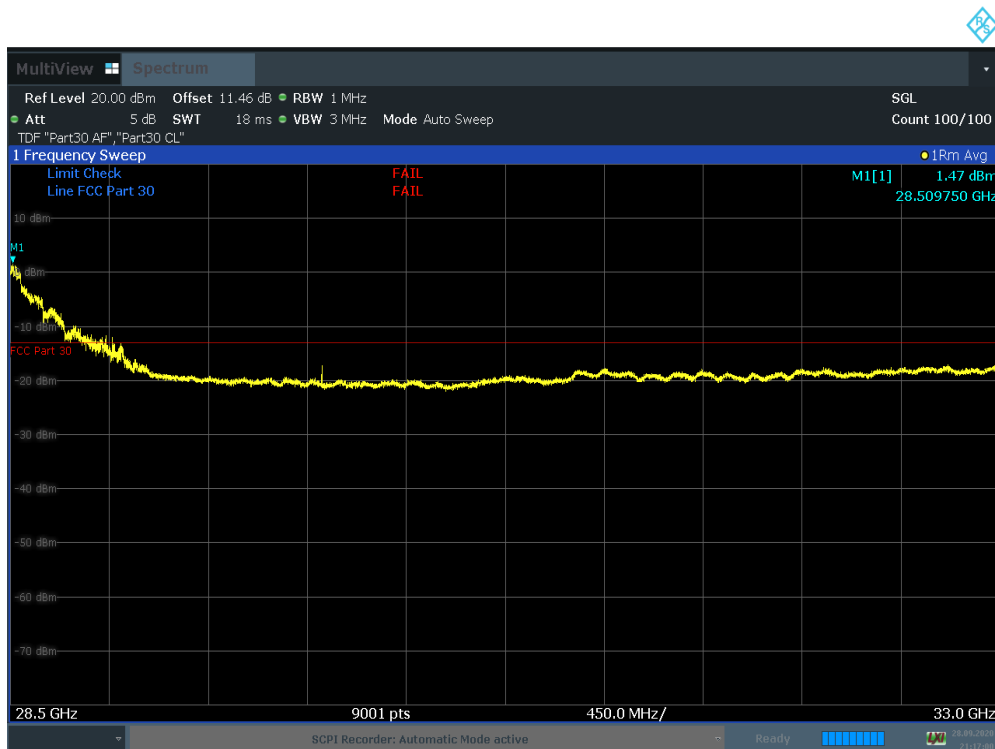


Plot 7-487. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
Mid TRP)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 304 of 466

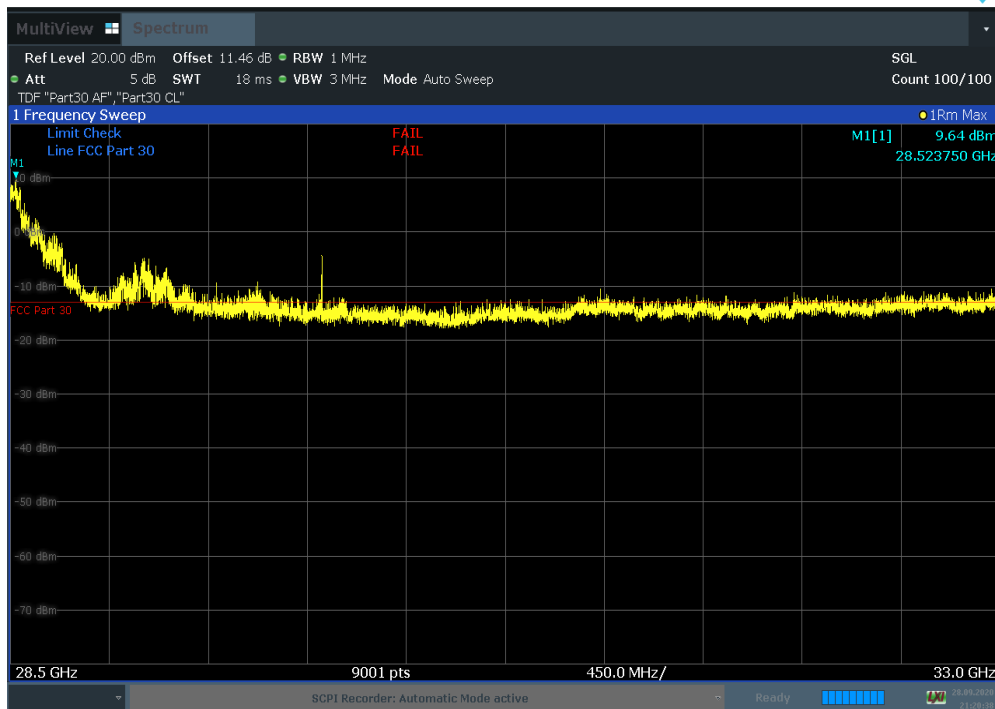


Plot 7-488. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC CC QPSK High Ant. Angle 45)

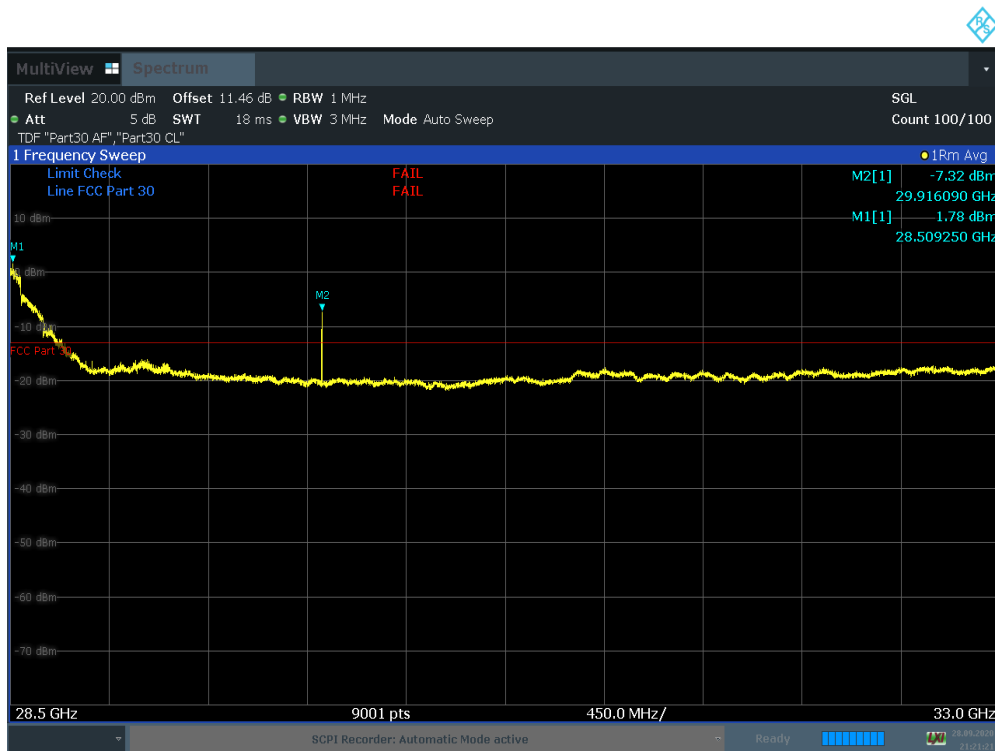


Plot 7-489. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC CC QPSK High Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 305 of 466

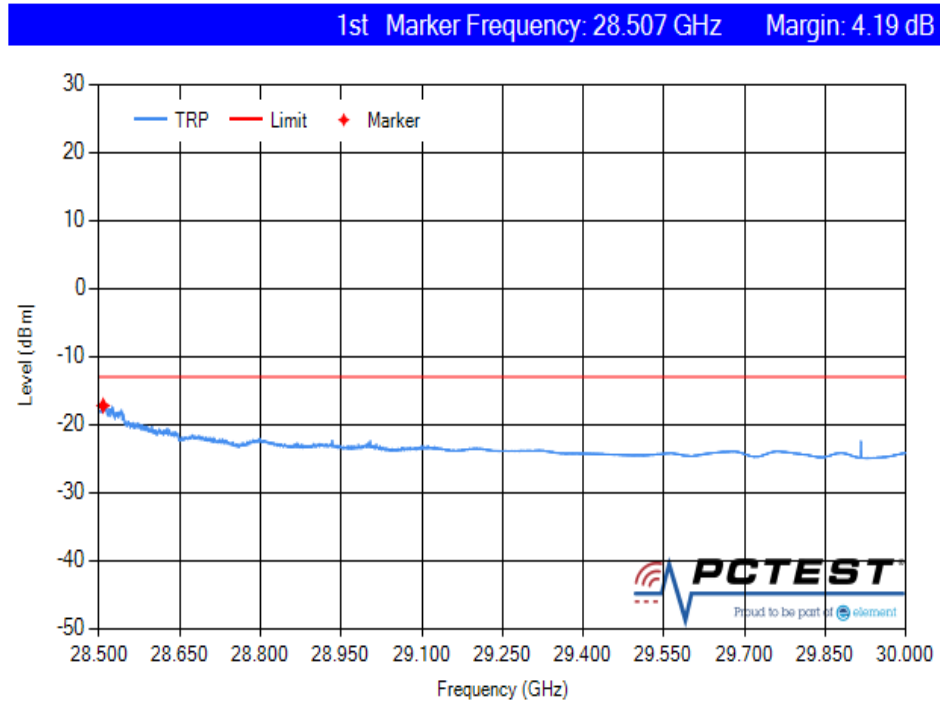


Plot 7-490. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC CC QPSK High Ant. Angle 135)

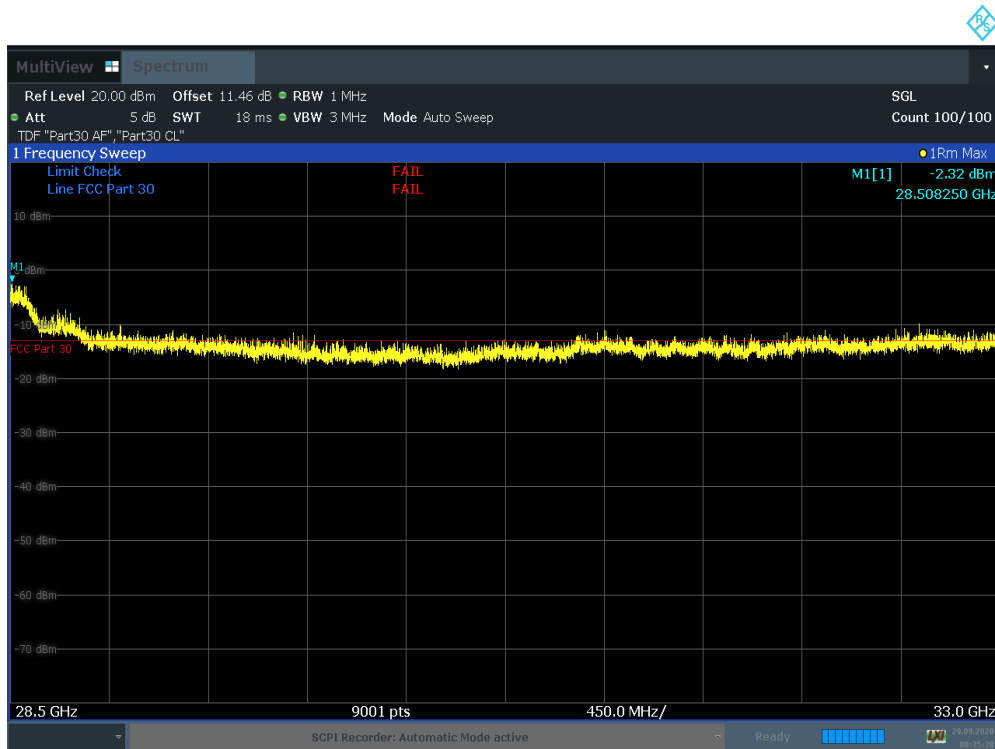


Plot 7-491. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC CC QPSK High Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 306 of 466

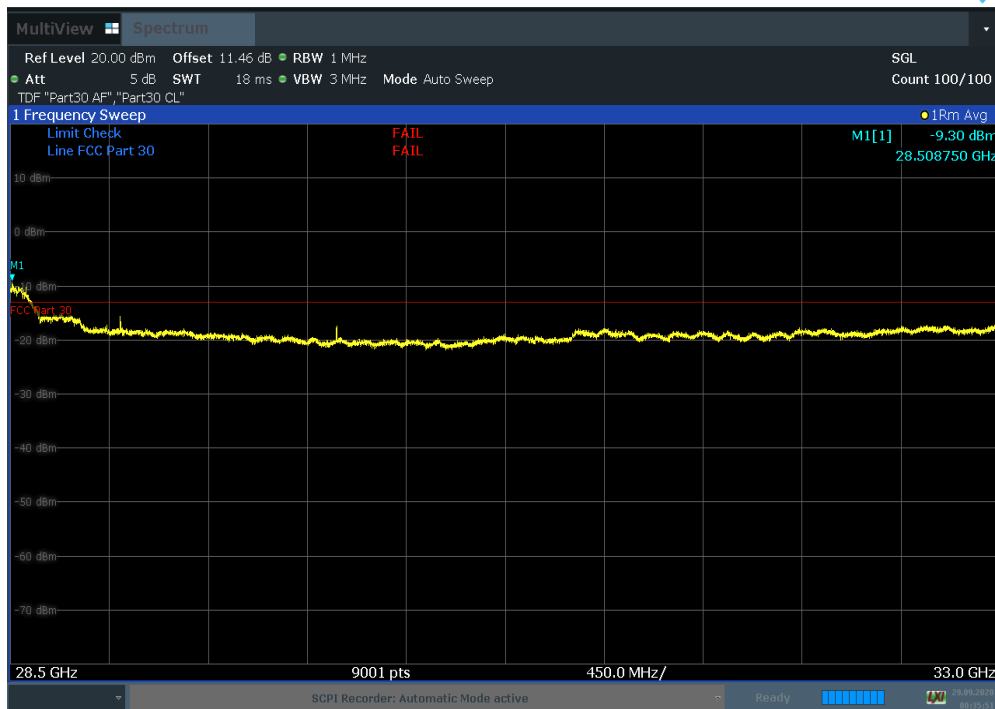


Plot 7-492. RSE 28.5 GHz – 30 GHz (100 MHz BW 4CC CC QPSK High TRP)

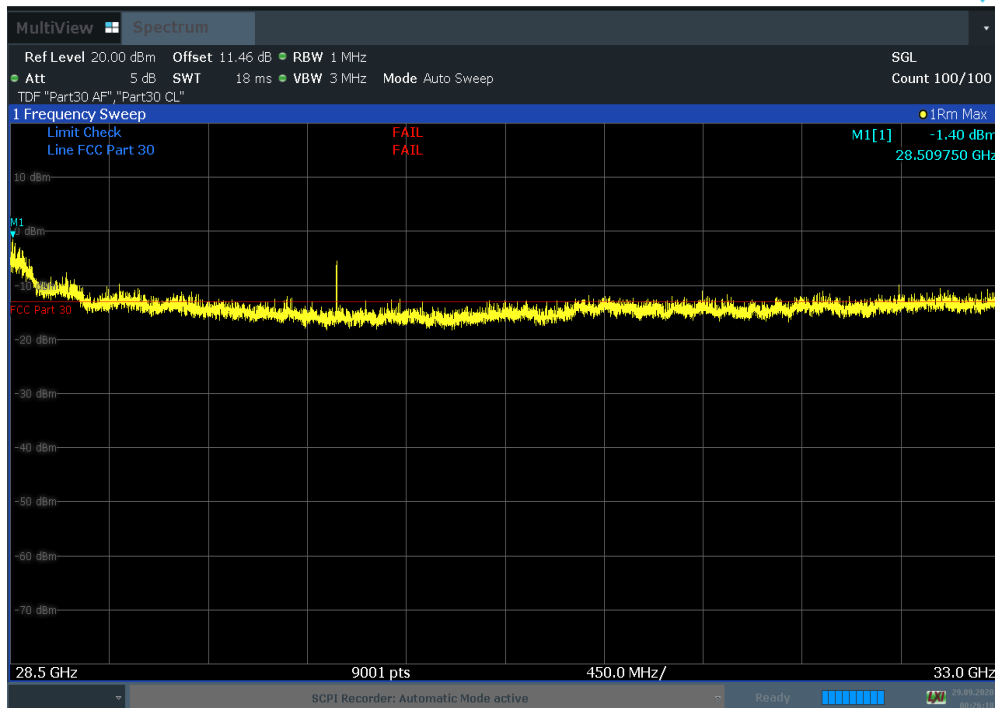


Plot 7-493. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK High Ant. Angle 45)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 307 of 466

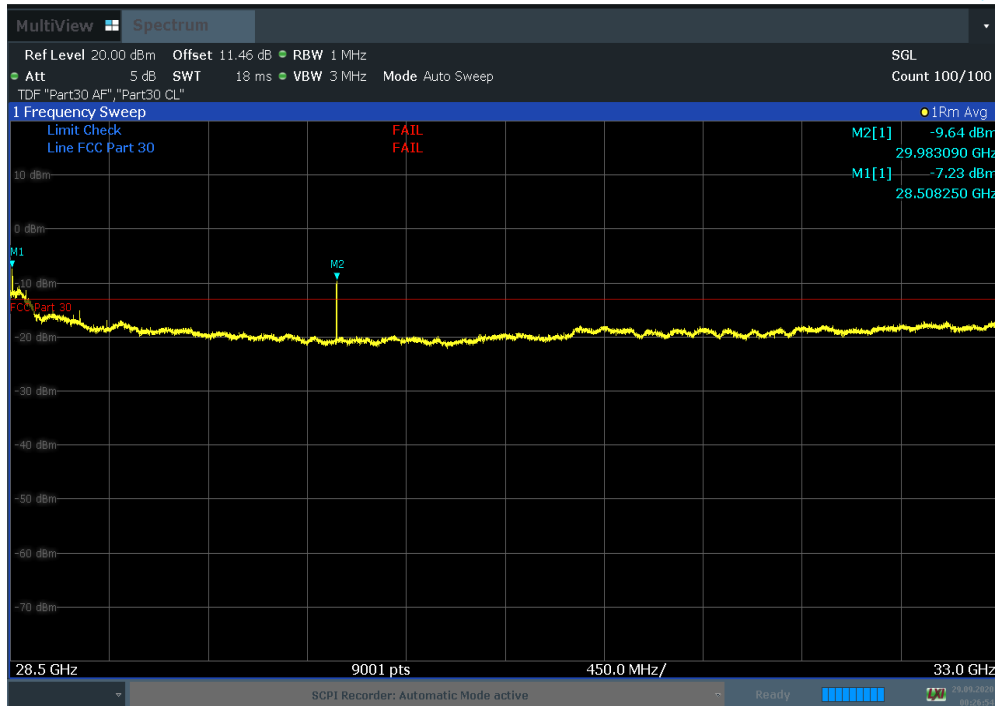


Plot 7-494. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK High Ant. Angle 45, Final)



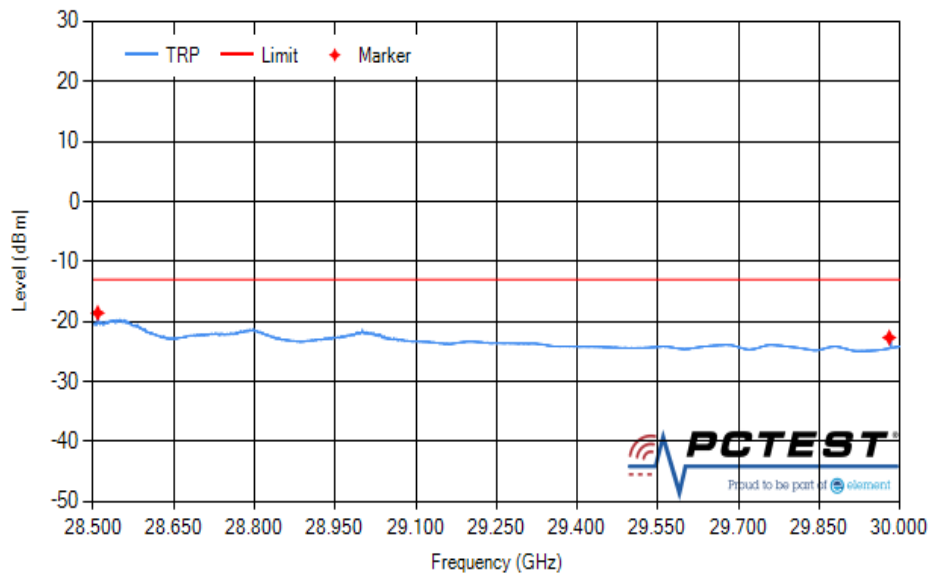
Plot 7-495. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK High Ant. Angle 135)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 308 of 466



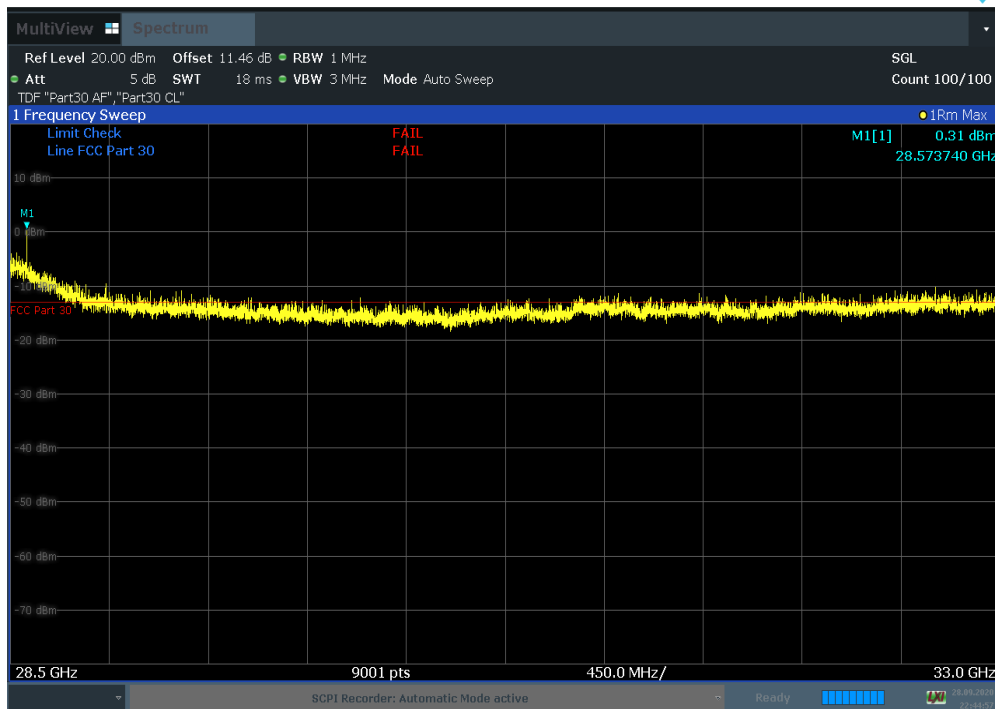
Plot 7-496. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK High Ant. Angle 135, Final)

1st Marker Frequency: 28.508 GHz	Margin: 5.58 dB
2nd Marker Frequency: 29.980 GHz	Margin: 9.68 dB

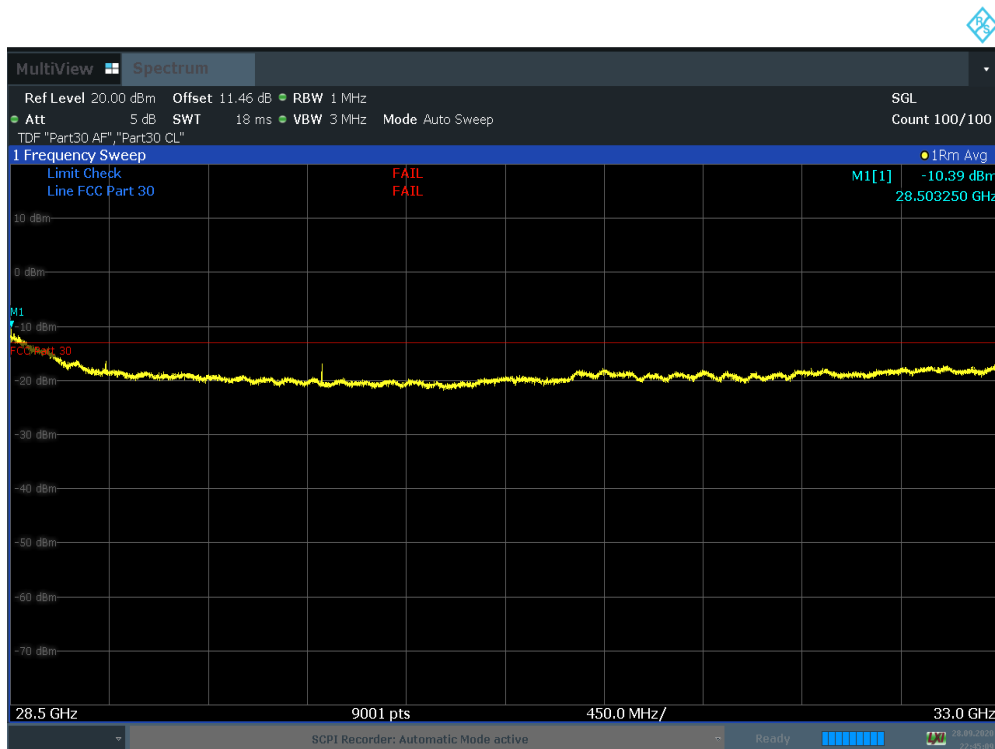


Plot 7-497. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK High TRP)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 309 of 466

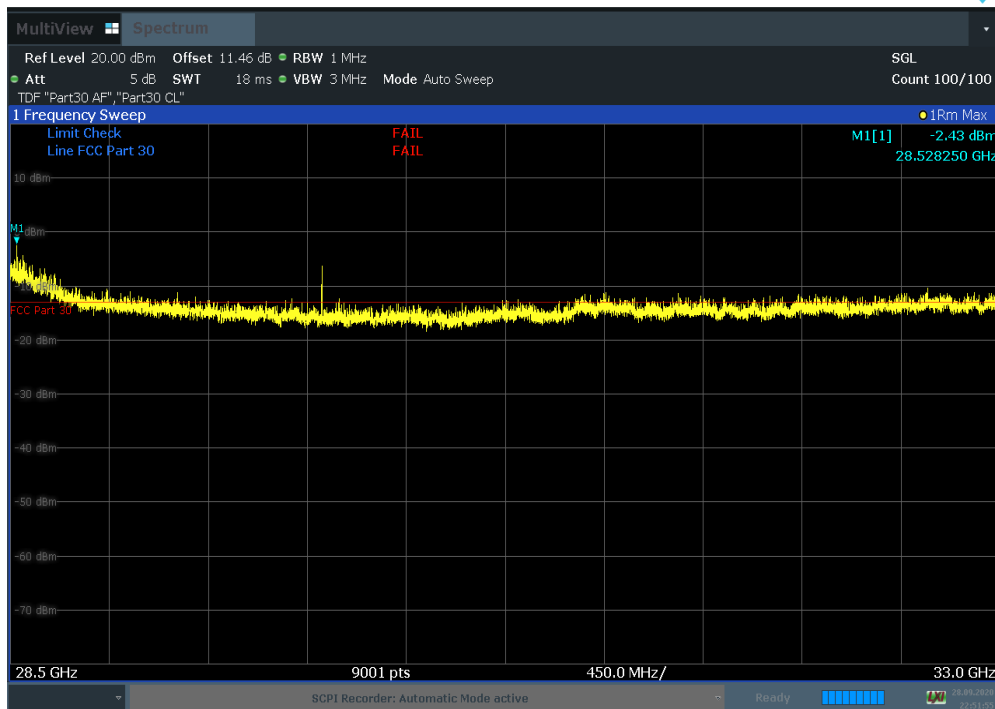


Plot 7-498. RSE 28.5 GHz – 33 GHz (100 MHz BW 8CC CC QPSK High Ant. Angle 45)

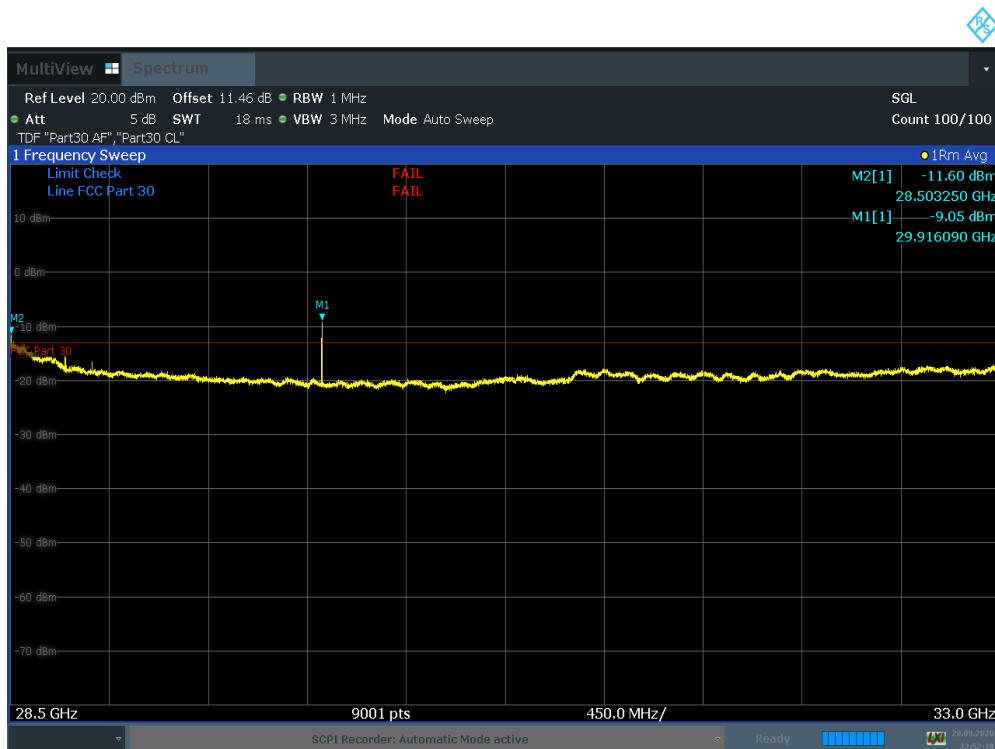


Plot 7-499. RSE 28.5 GHz – 33 GHz (100 MHz BW 8CC CC QPSK High Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 310 of 466



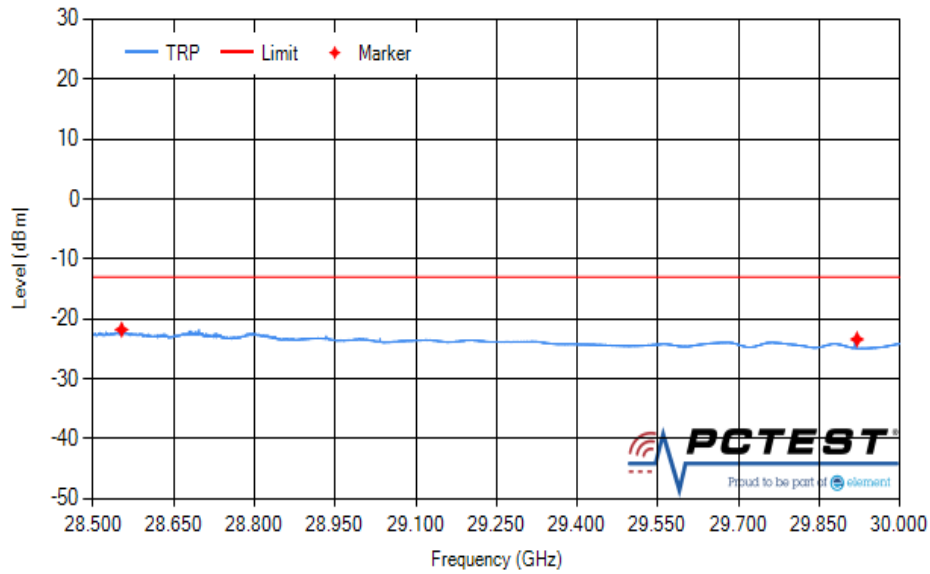
Plot 7-500. RSE 28.5 GHz – 33 GHz (100 MHz BW 8CC CC QPSK High Ant. Angle 135)



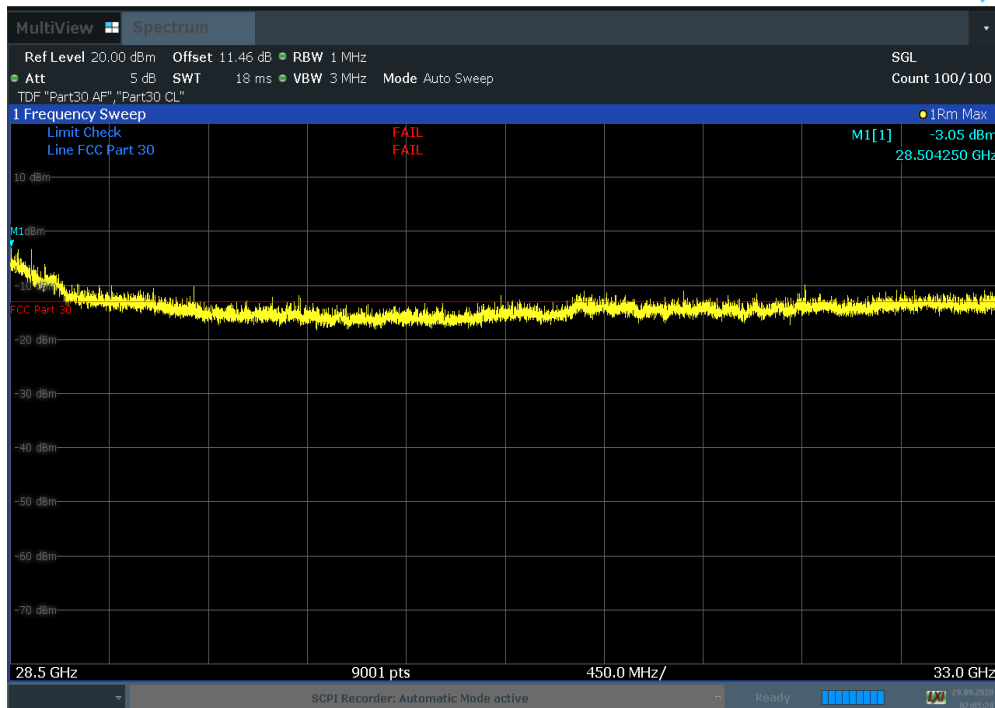
Plot 7-501. RSE 28.5 GHz – 33 GHz (100 MHz BW 8CC CC QPSK High Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 311 of 466

1st Marker Frequency: 28.553 GHz Margin: 8.79 dB
2nd Marker Frequency: 29.920 GHz Margin: 10.41 dB

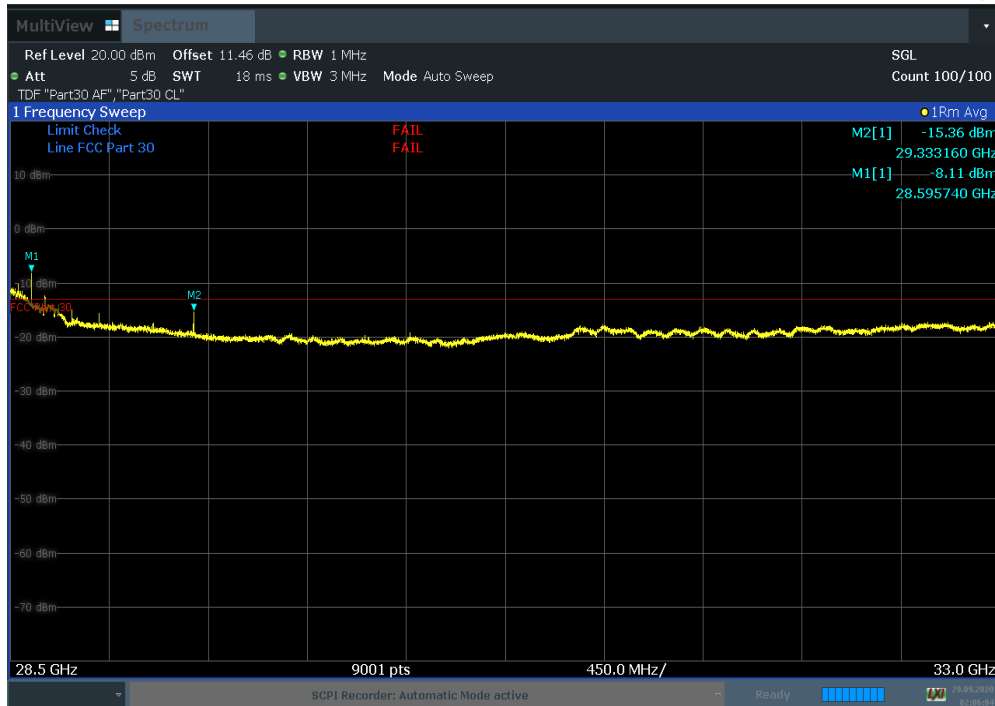


Plot 7-502. RSE 28.5 GHz – 30 GHz (100 MHz BW 8CC CC QPSK High TRP)

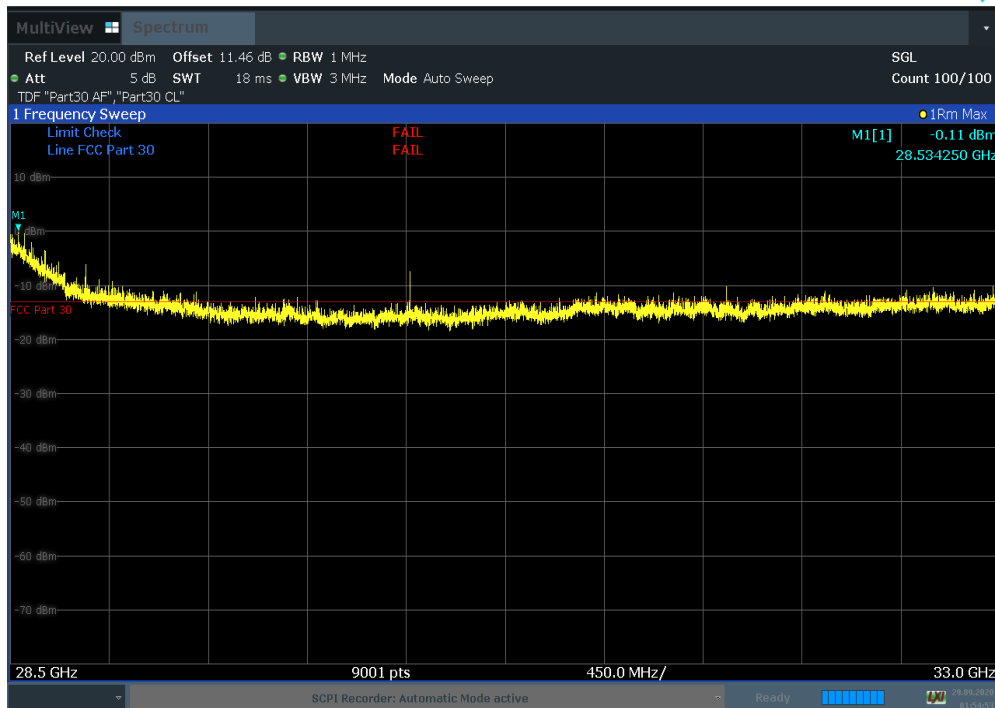


Plot 7-503. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK High Ant. Angle 45)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 312 of 466

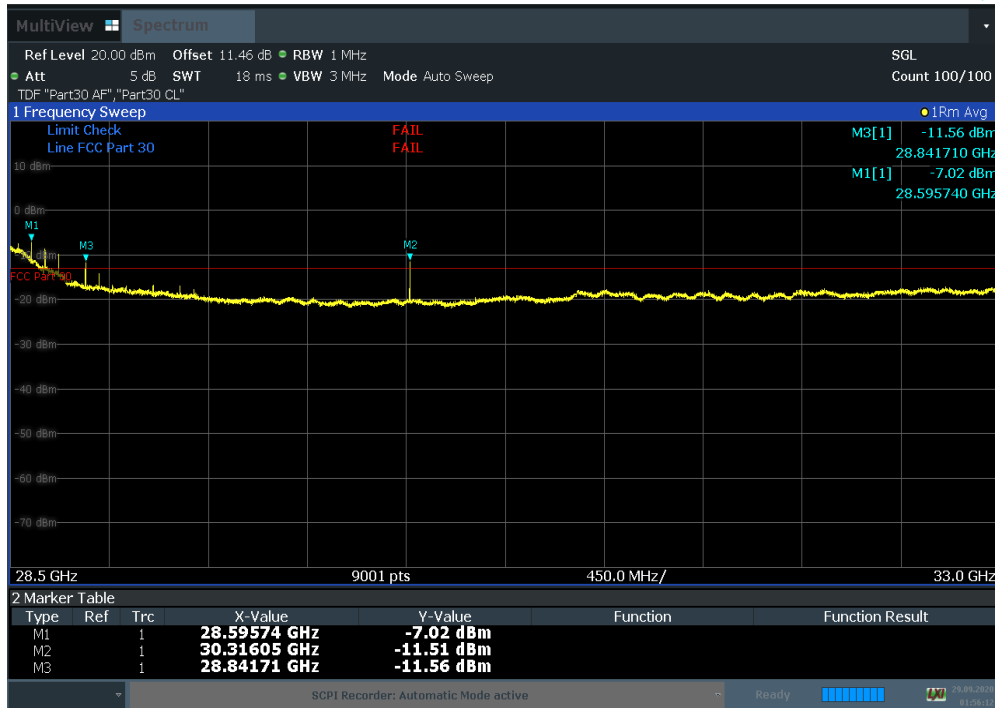


Plot 7-504. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
High Ant. Angle 45, Final)

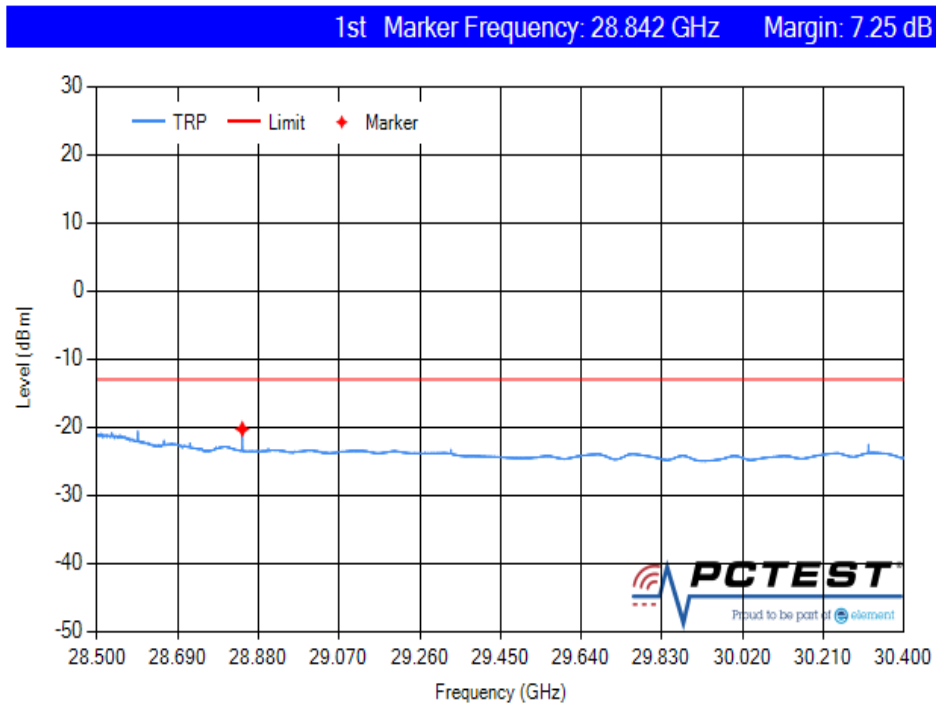


Plot 7-505. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
High Ant. Angle 135)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 313 of 466

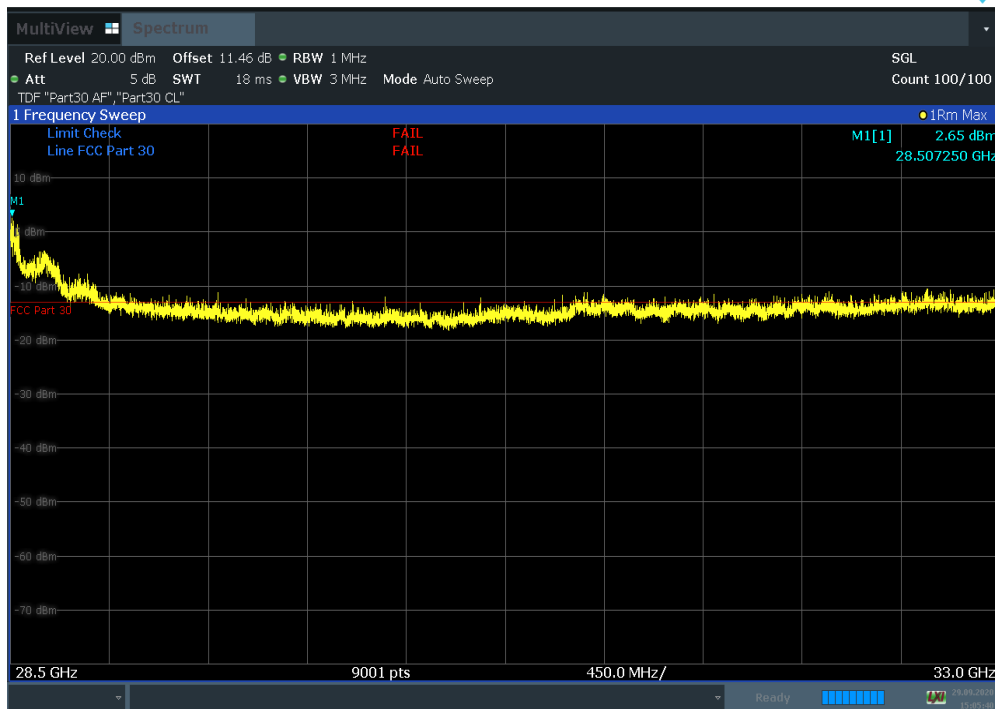


Plot 7-506. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
High Ant. Angle 135, Final)

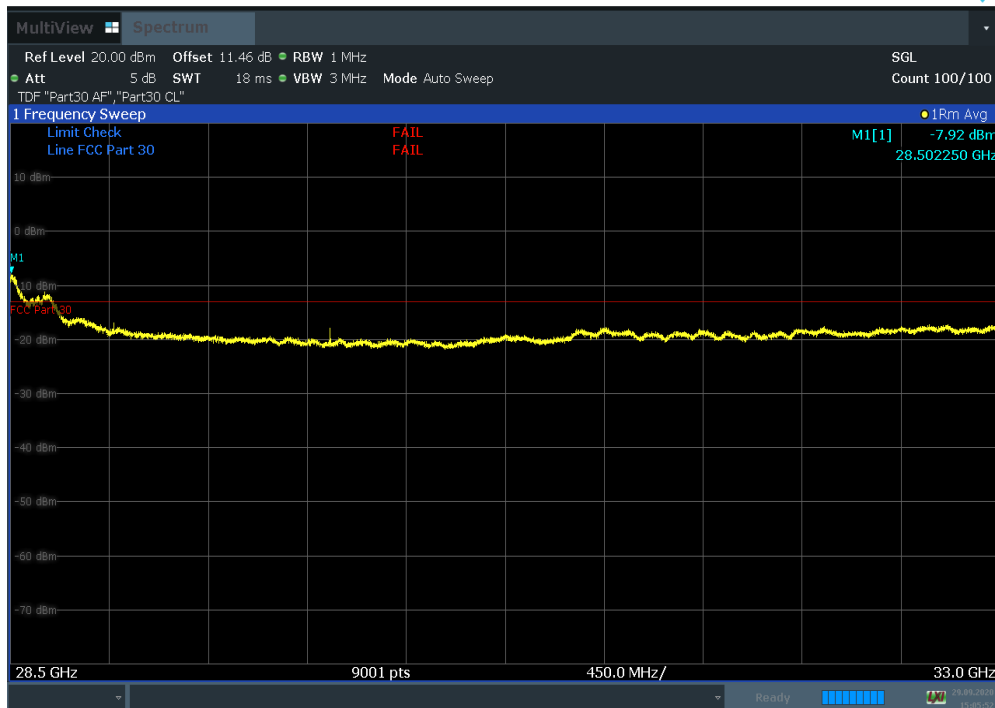


Plot 7-507. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
High TRP)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 314 of 466

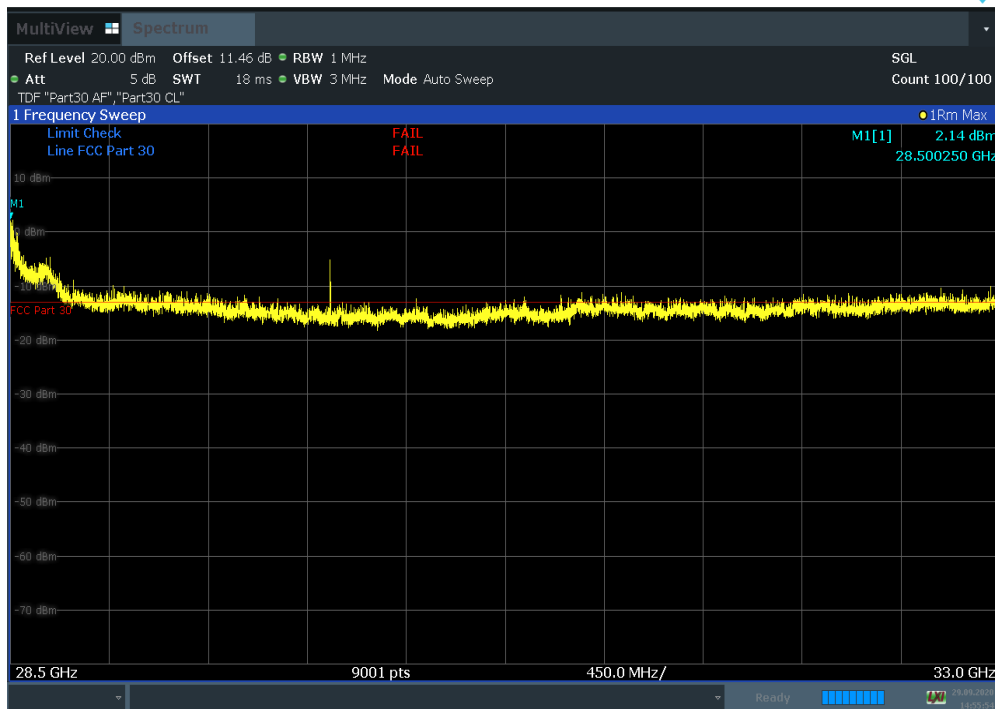


Plot 7-508. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK
High Ant. Angle 45)

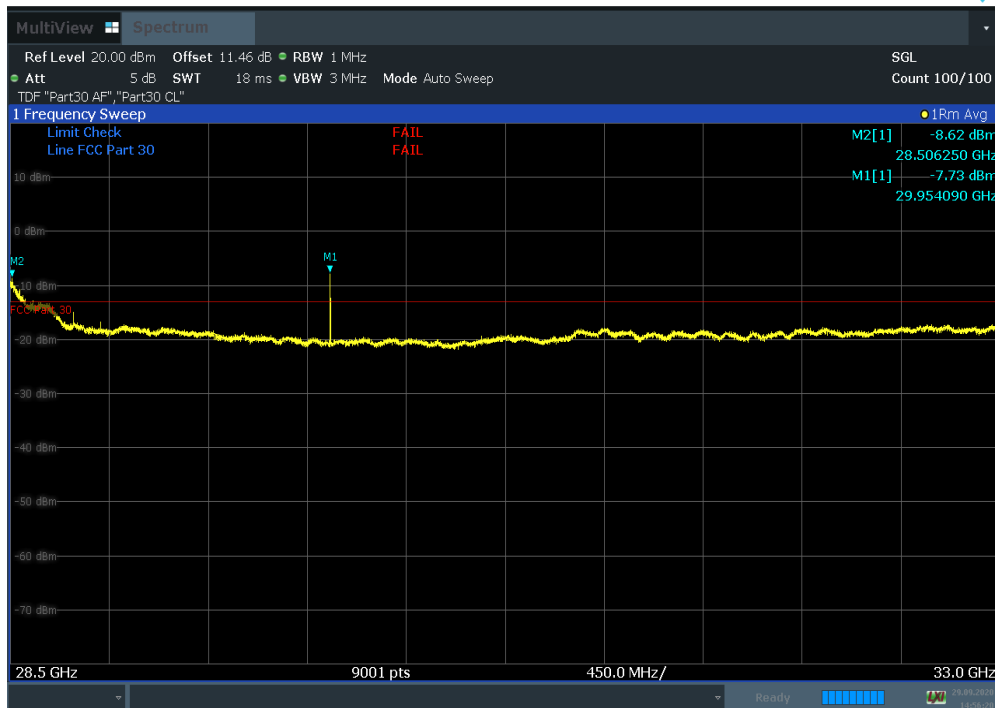


Plot 7-509. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK
High Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 315 of 466

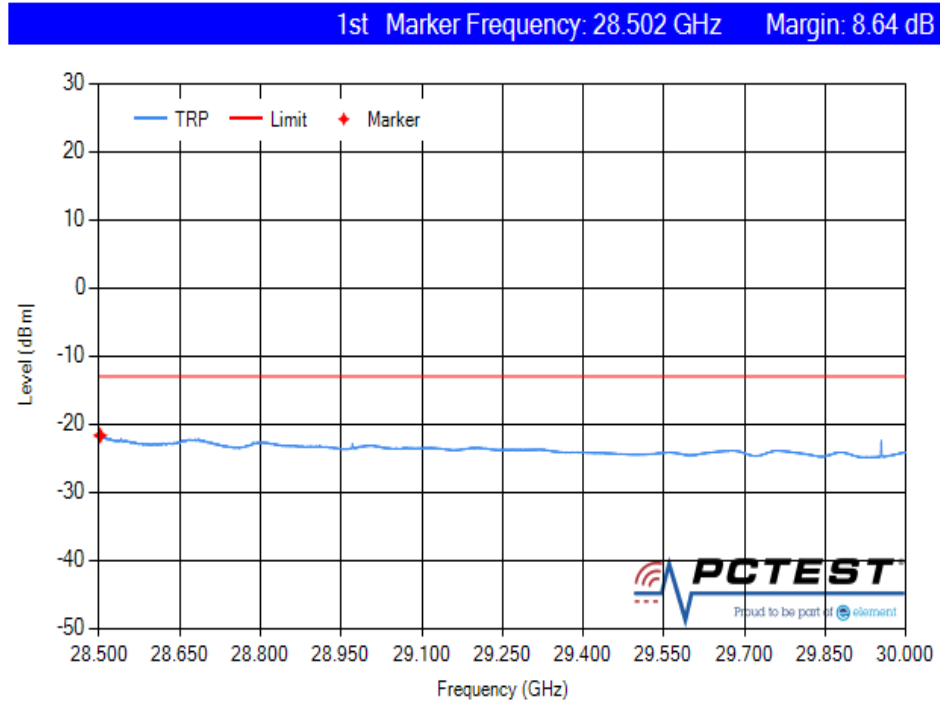


Plot 7-510. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK
High Ant. Angle 135)

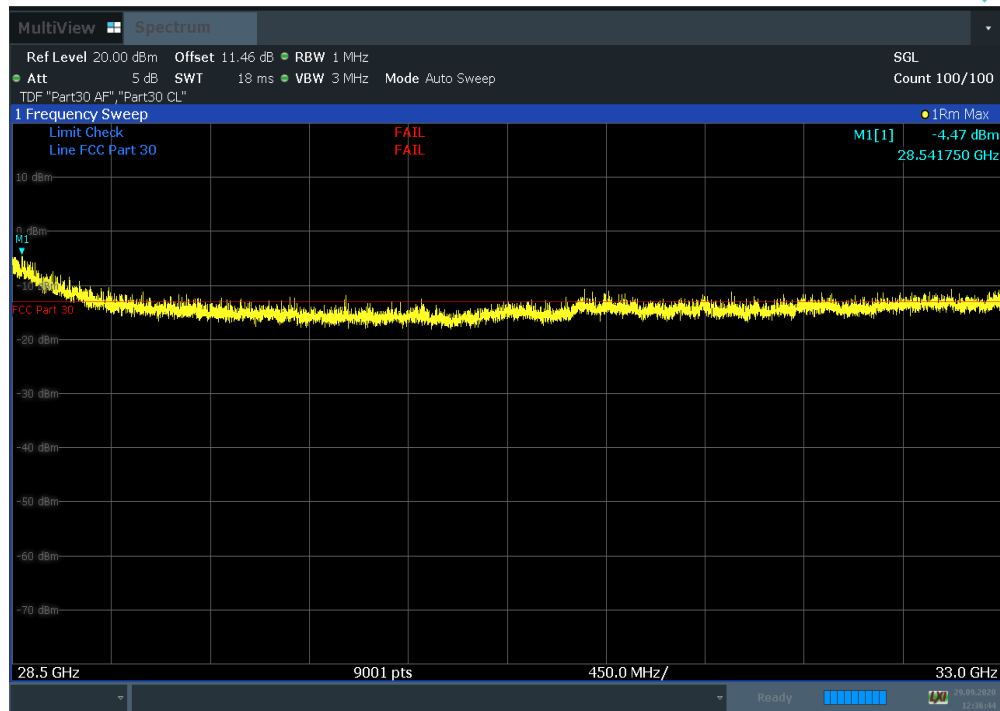


Plot 7-511. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK
High Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 316 of 466

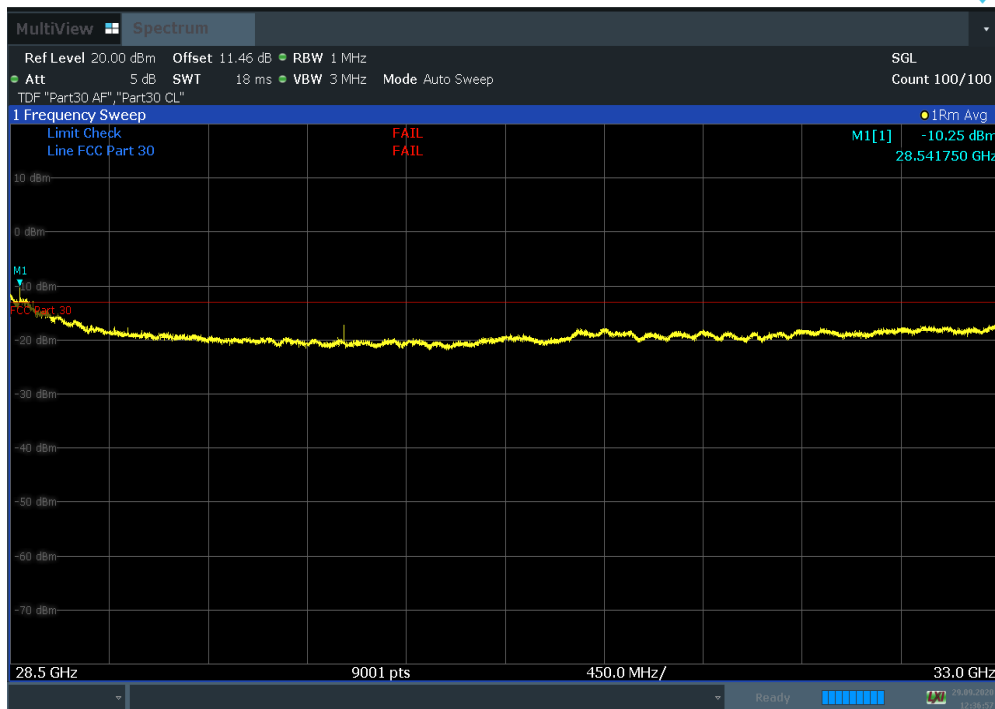


Plot 7-512. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK High TRP)

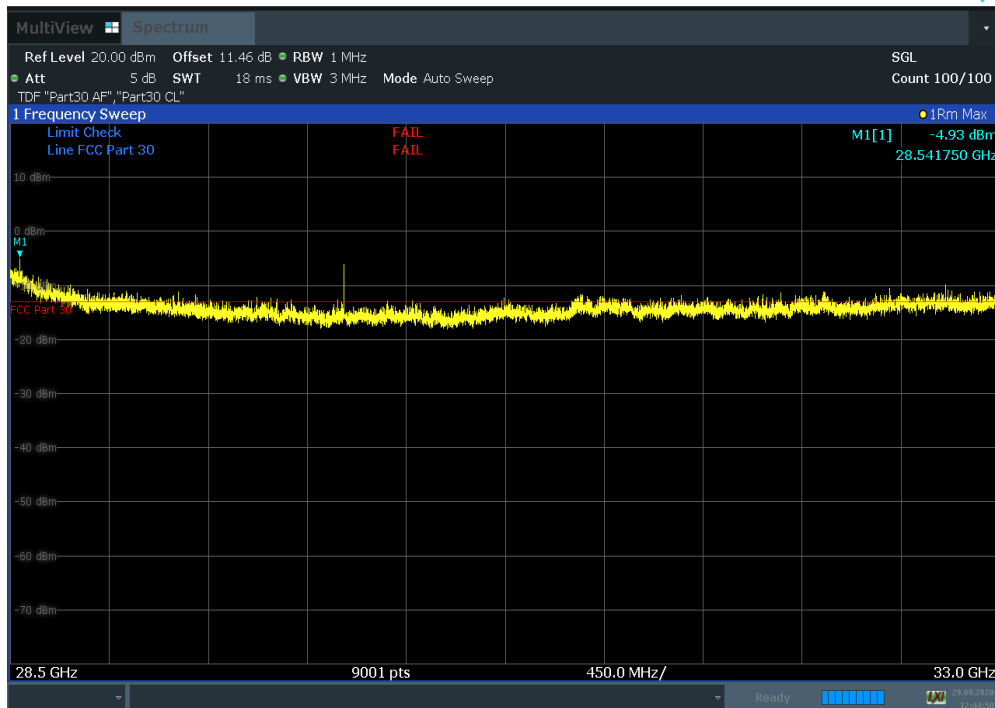


Plot 7-513. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK High Ant. Angle 45)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 317 of 466

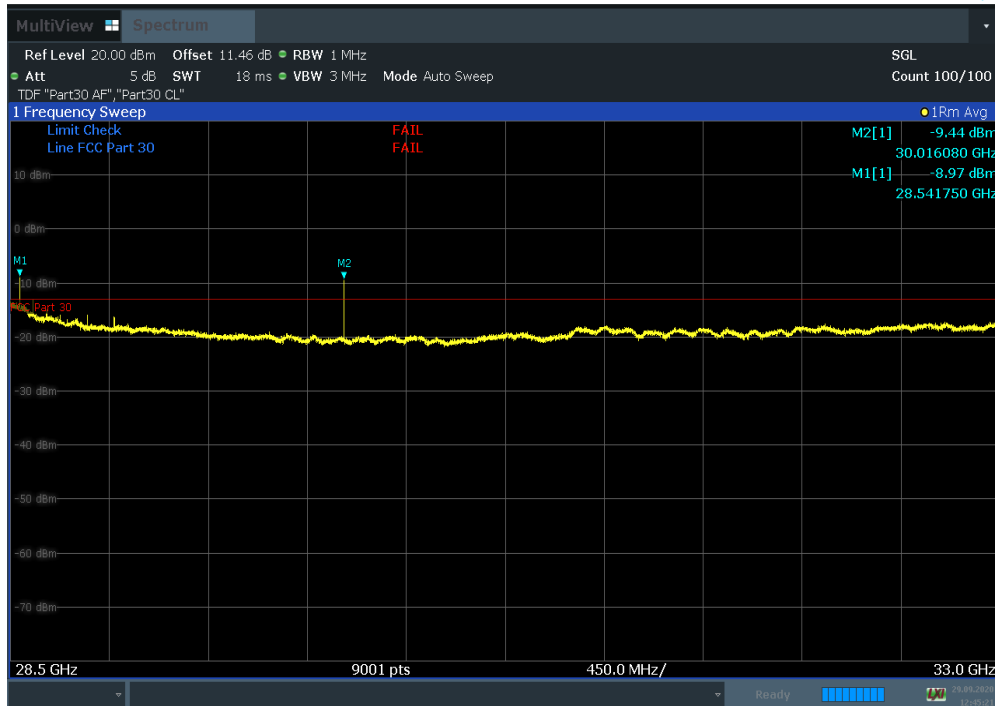


Plot 7-514. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
High Ant. Angle 45, Final)

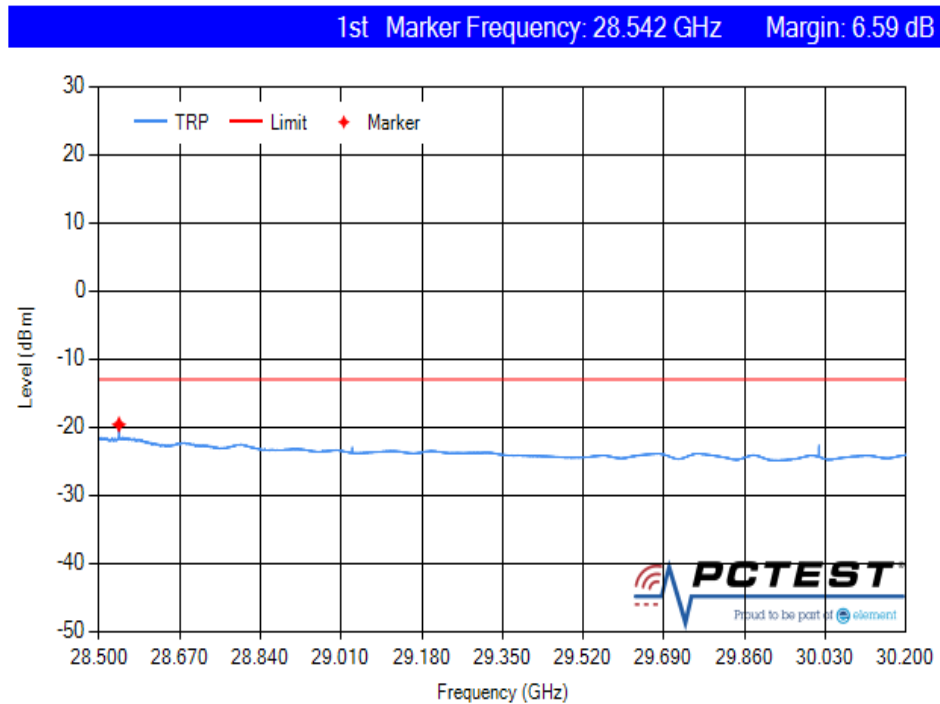


Plot 7-515. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
High Ant. Angle 135)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 318 of 466

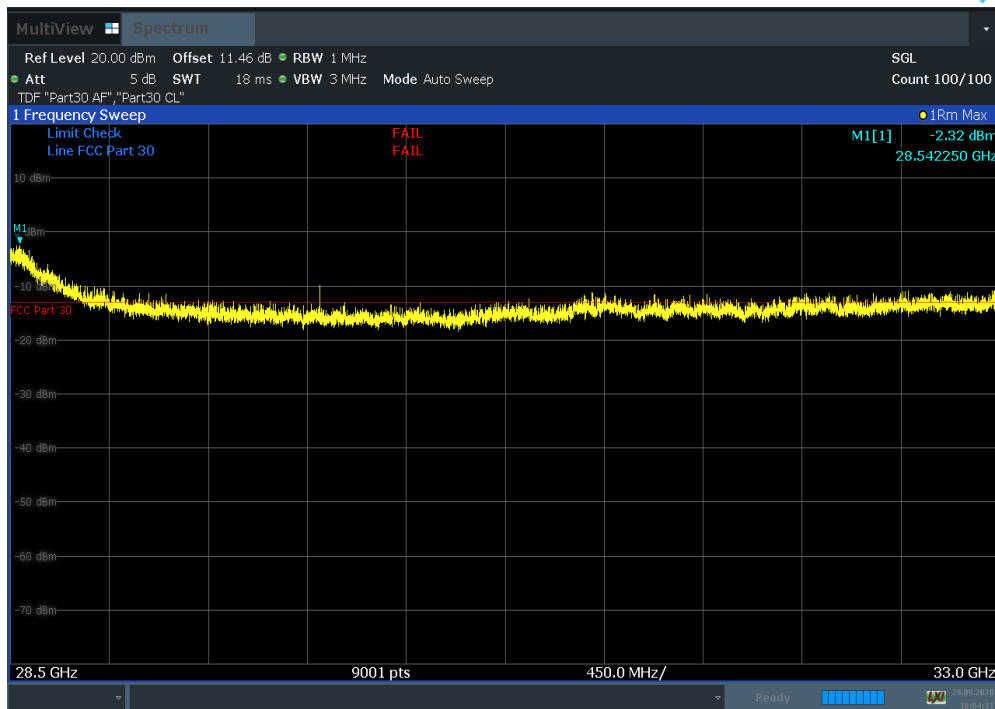


Plot 7-516. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK High Ant. Angle 135, Final)

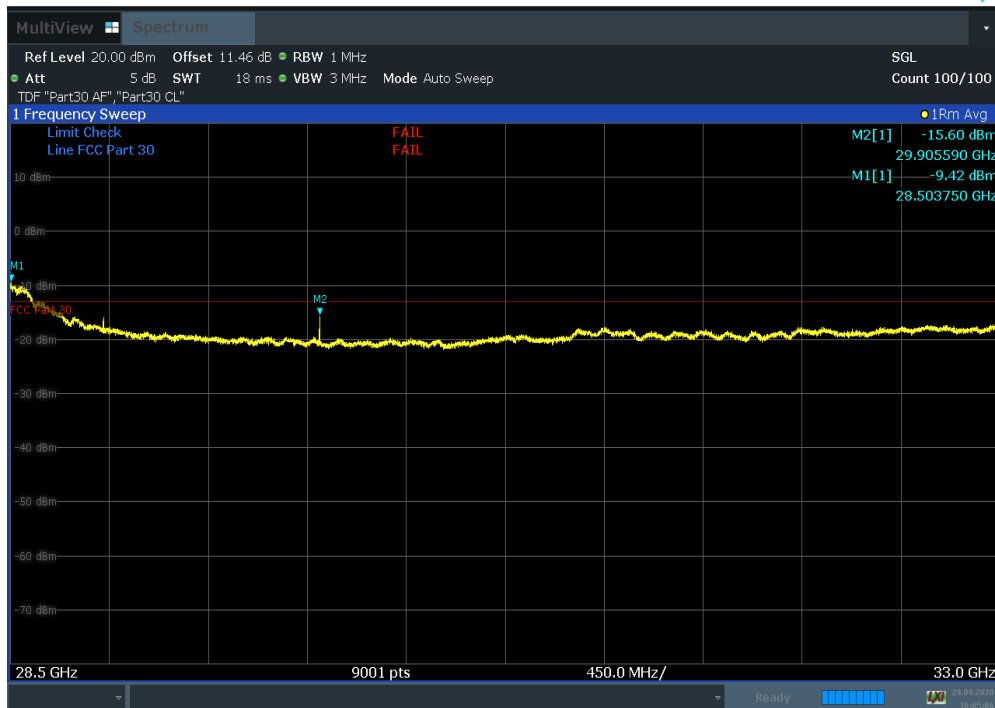


Plot 7-517. RSE 28.5 GHz – 30.2 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK High TRP)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 319 of 466

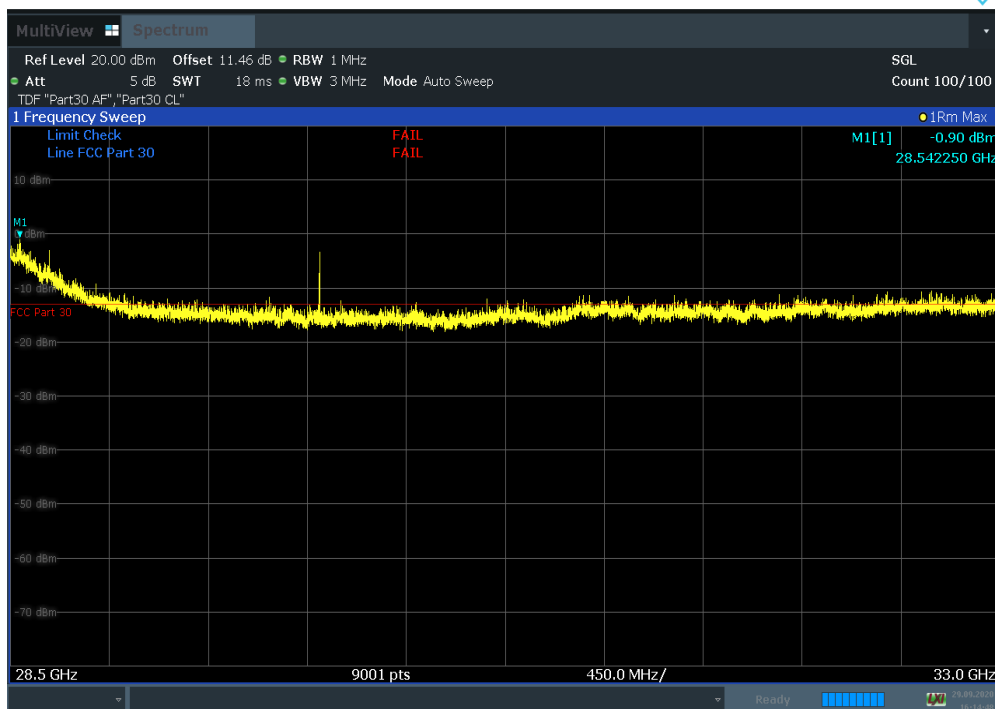


Plot 7-518. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
High Ant. Angle 45)

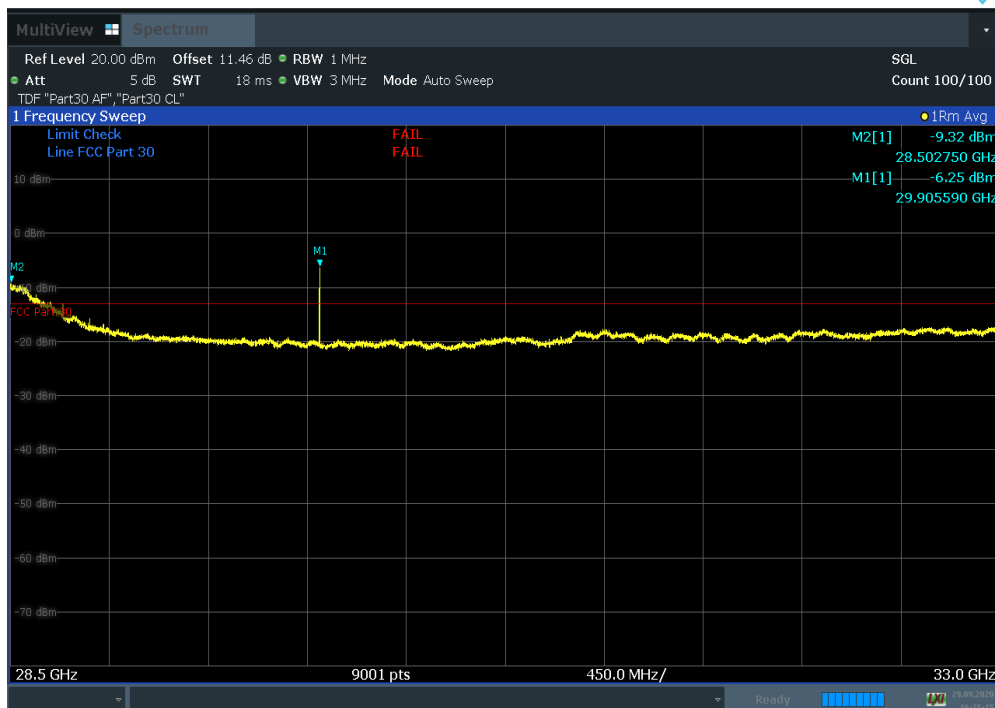


Plot 7-519. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
High Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 320 of 466

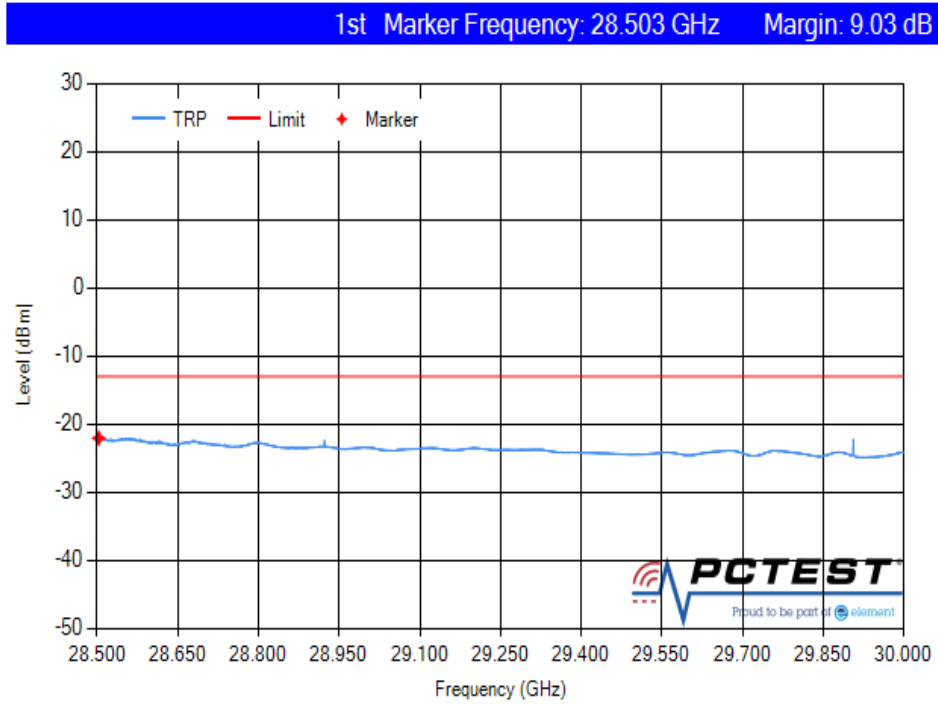


Plot 7-520. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
High Ant. Angle 135)



Plot 7-521. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
High Ant. Angle 135, Final)

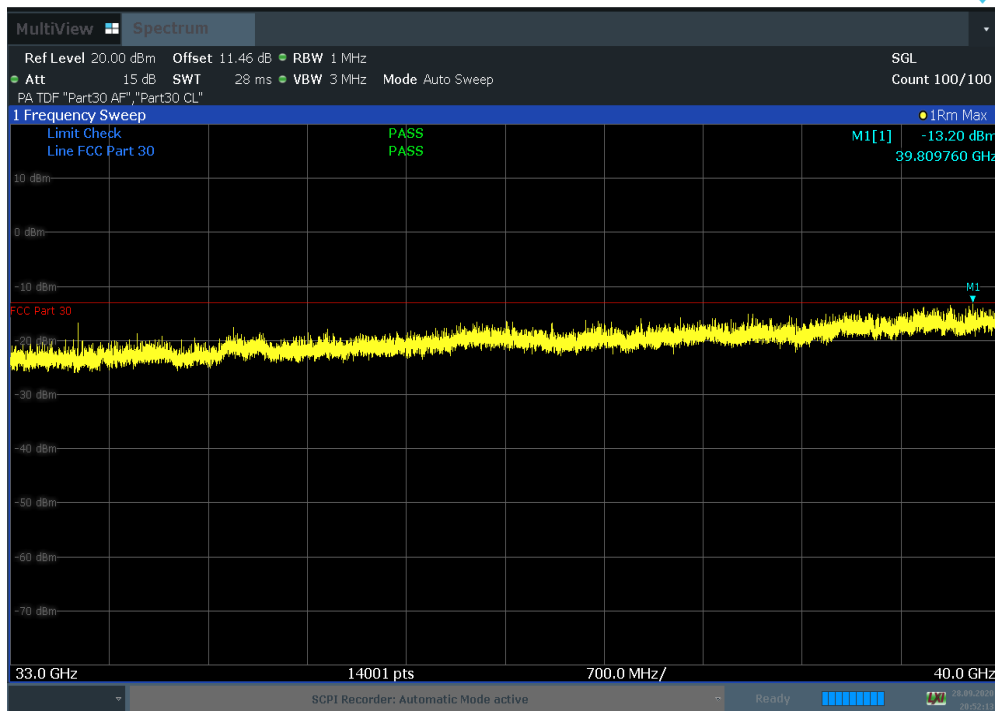
FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 321 of 466



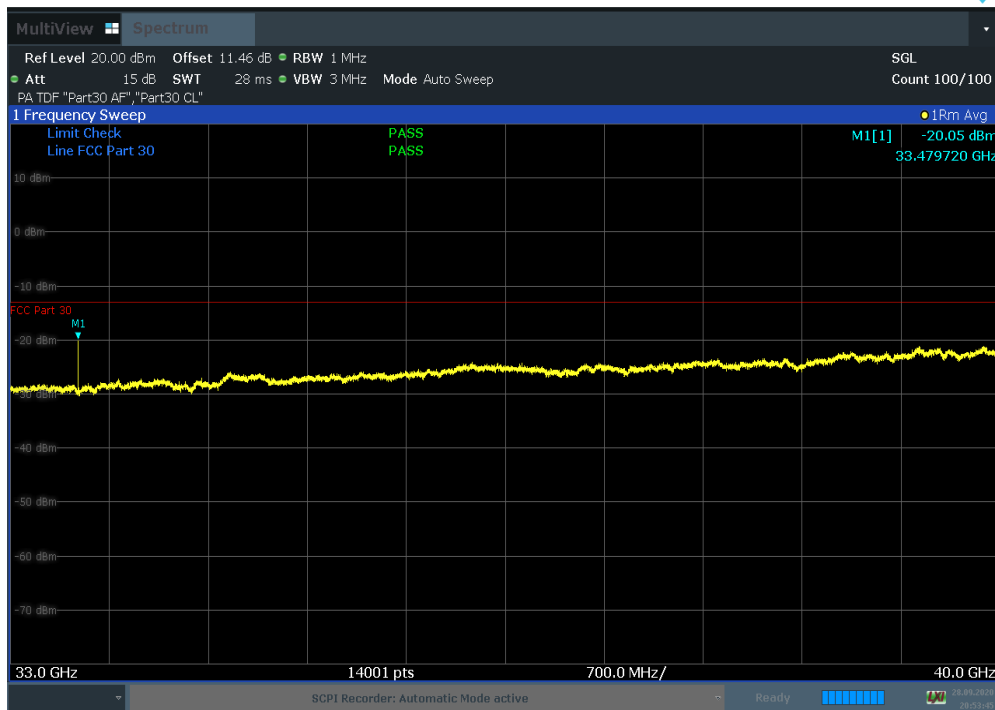
Plot 7-522. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK High TRP)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 322 of 466

7.5.5 Radiated Spurious Emissions Plots (33 GHz to 40 GHz)

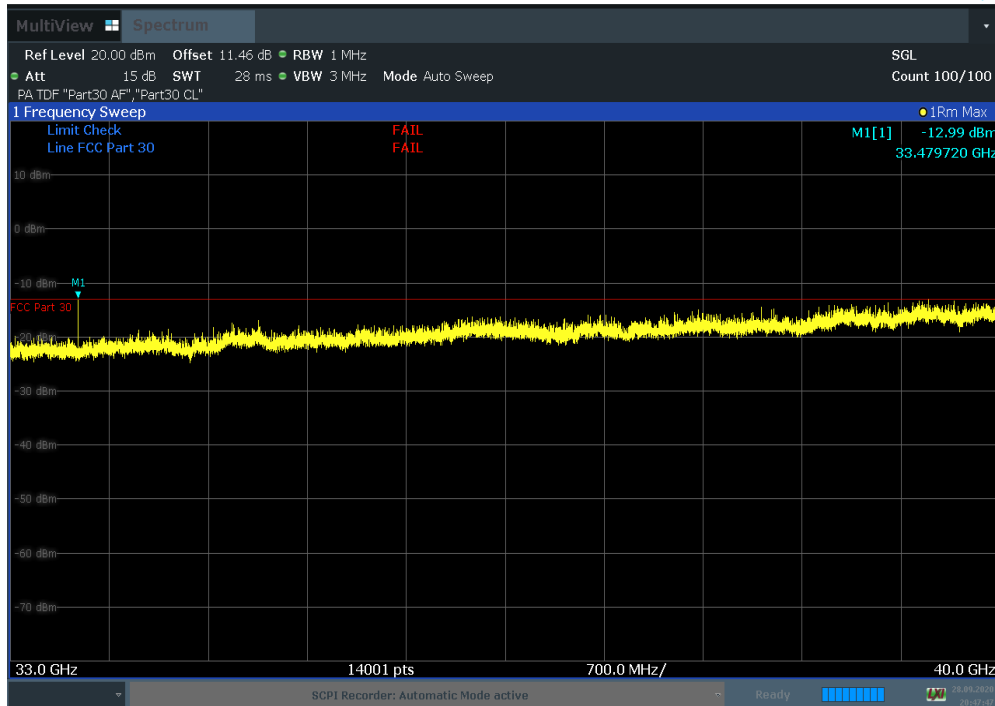


Plot 7-523. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Low Ant. Angle 45)

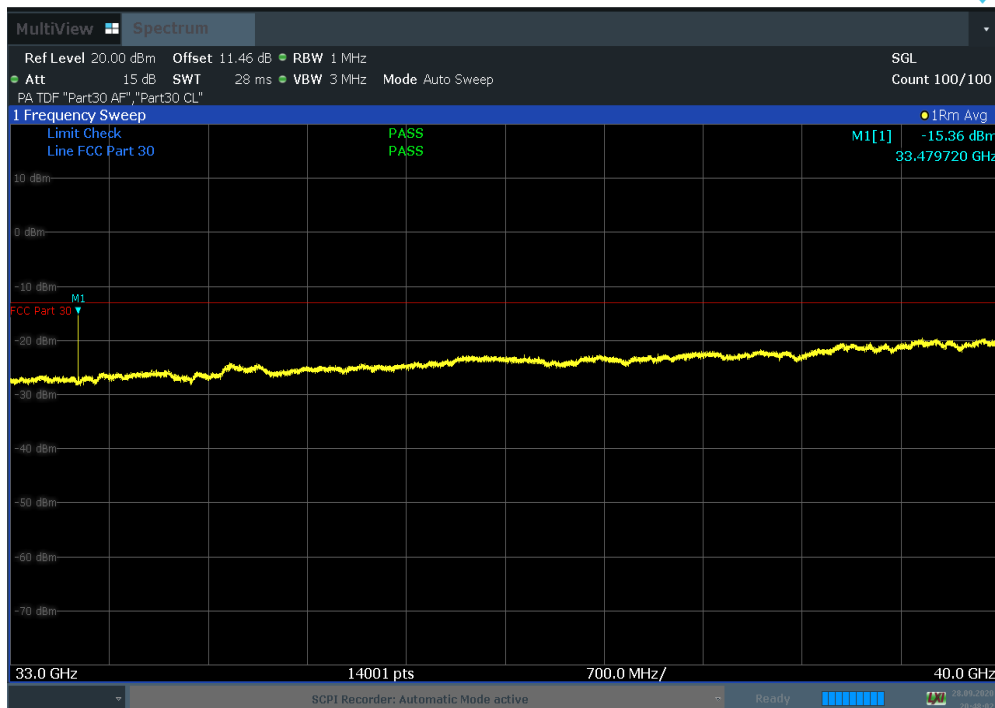


Plot 7-524. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Low Ant. Angle 45.
Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 323 of 466

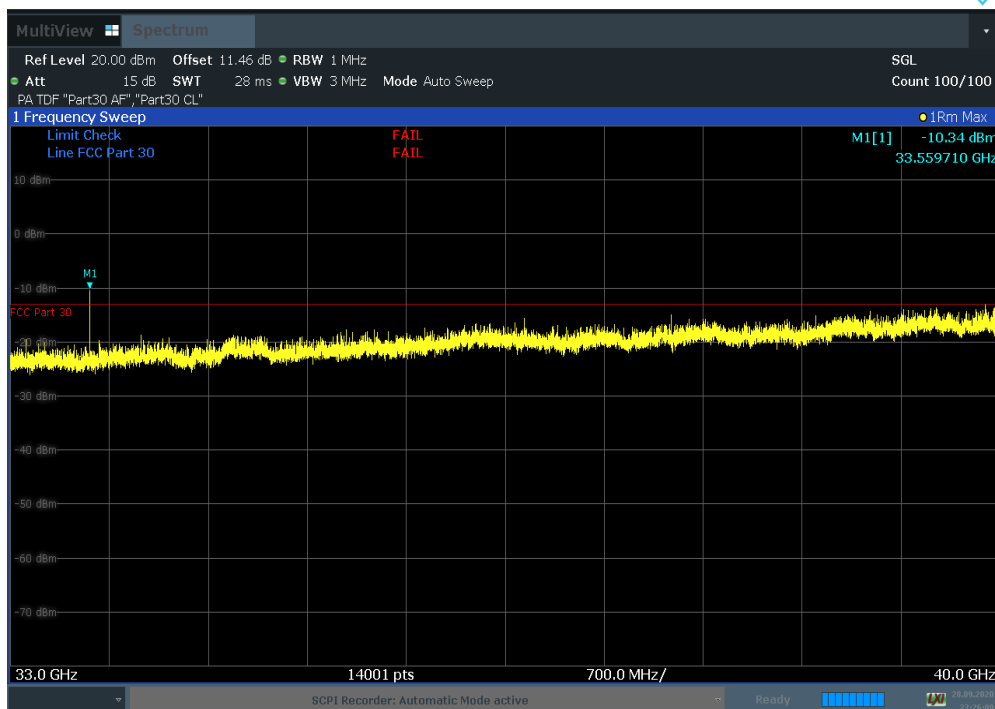


Plot 7-525. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Low Ant. Angle 135)

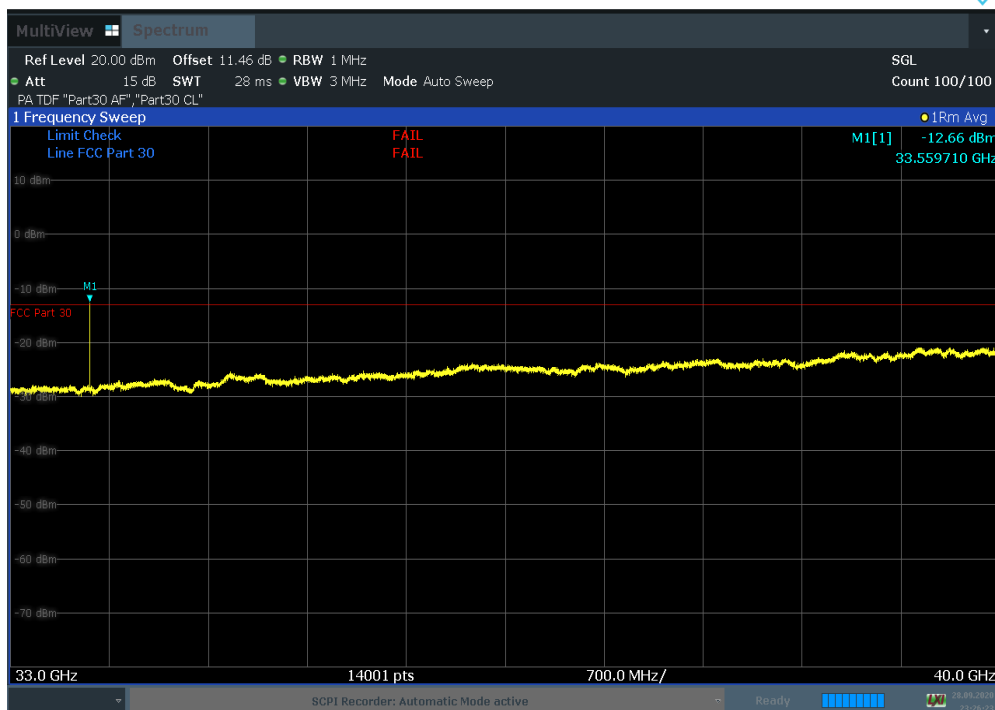


Plot 7-526. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Low Ant. Angle 135.
Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 324 of 466

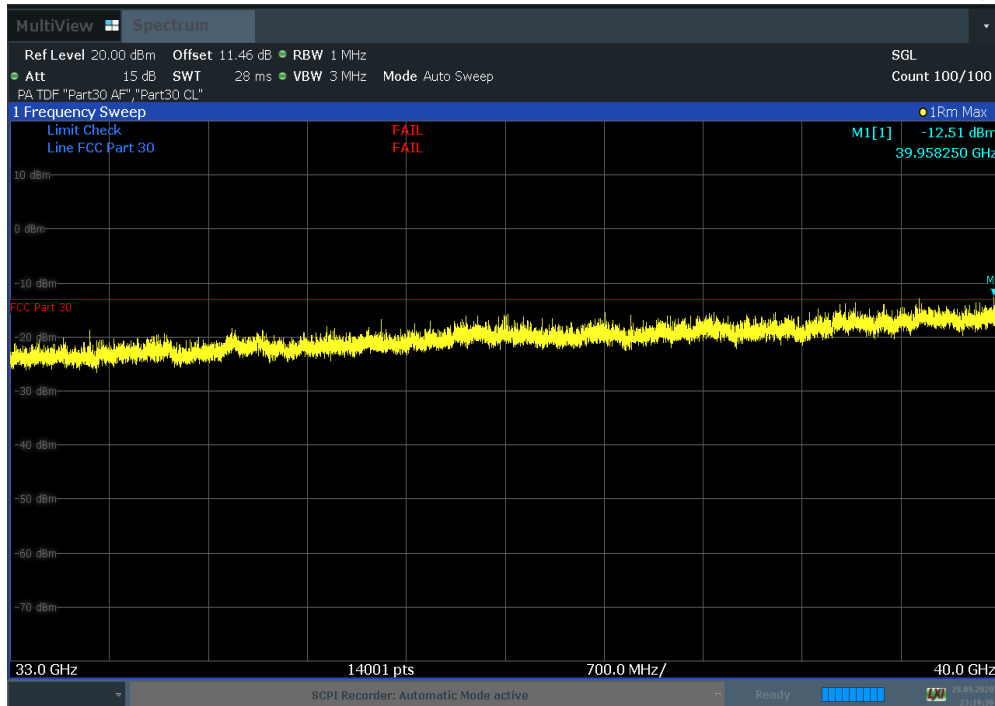


Plot 7-527. RSE 33 GHz – 40 GHz (100 MHz BW 4CC NC QPSK Low Ant. Angle 45)

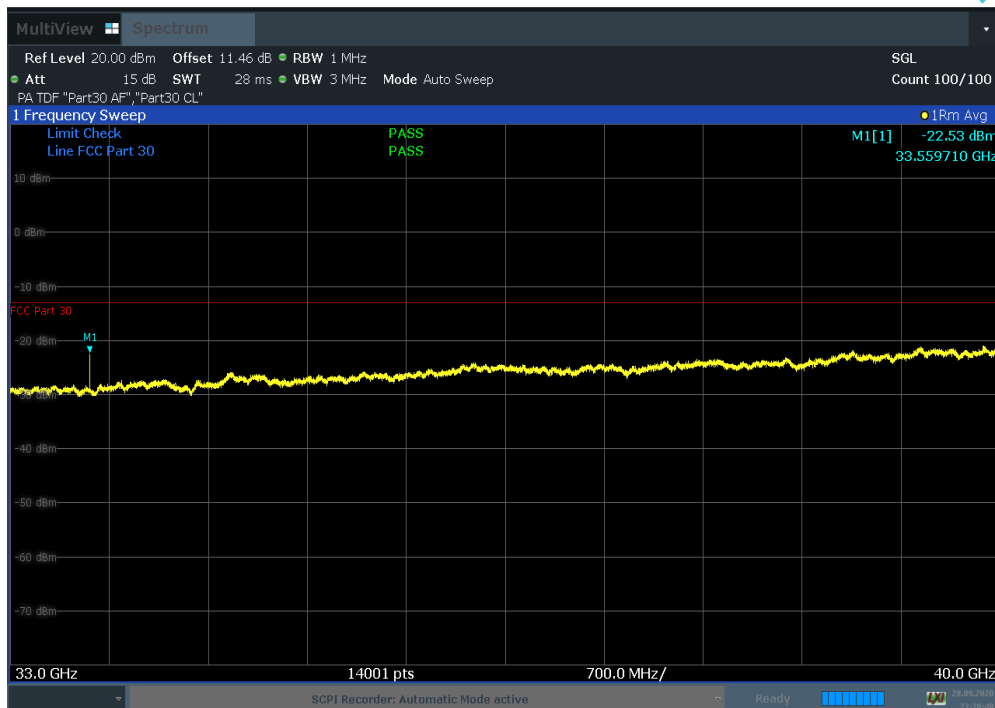


Plot 7-528. RSE 33 GHz – 40 GHz (100 MHz BW 4CC NC QPSK Low Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 325 of 466



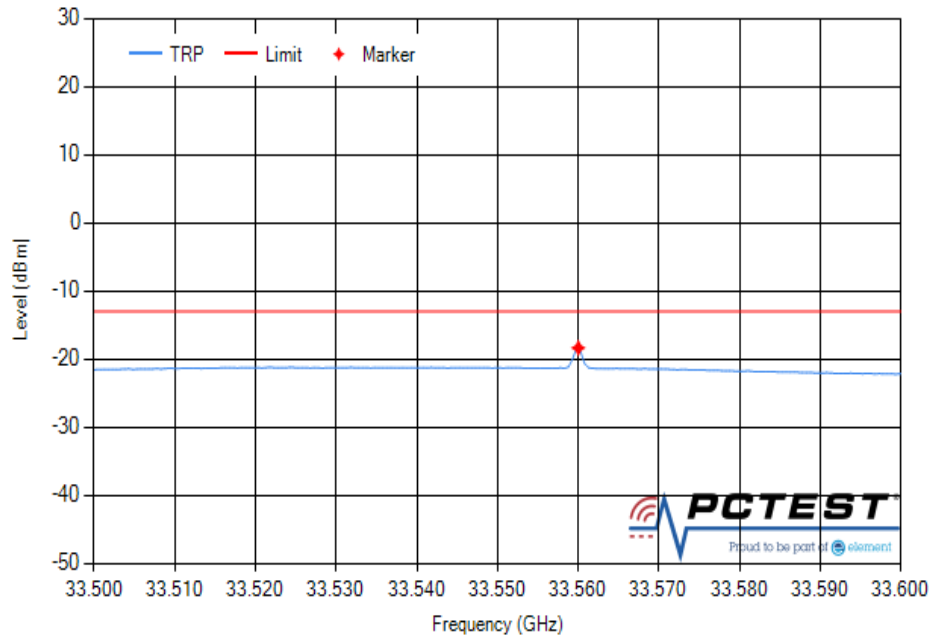
Plot 7-529. RSE 33 GHz – 40 GHz (100 MHz BW 4CC NC QPSK Low Ant. Angle 135)



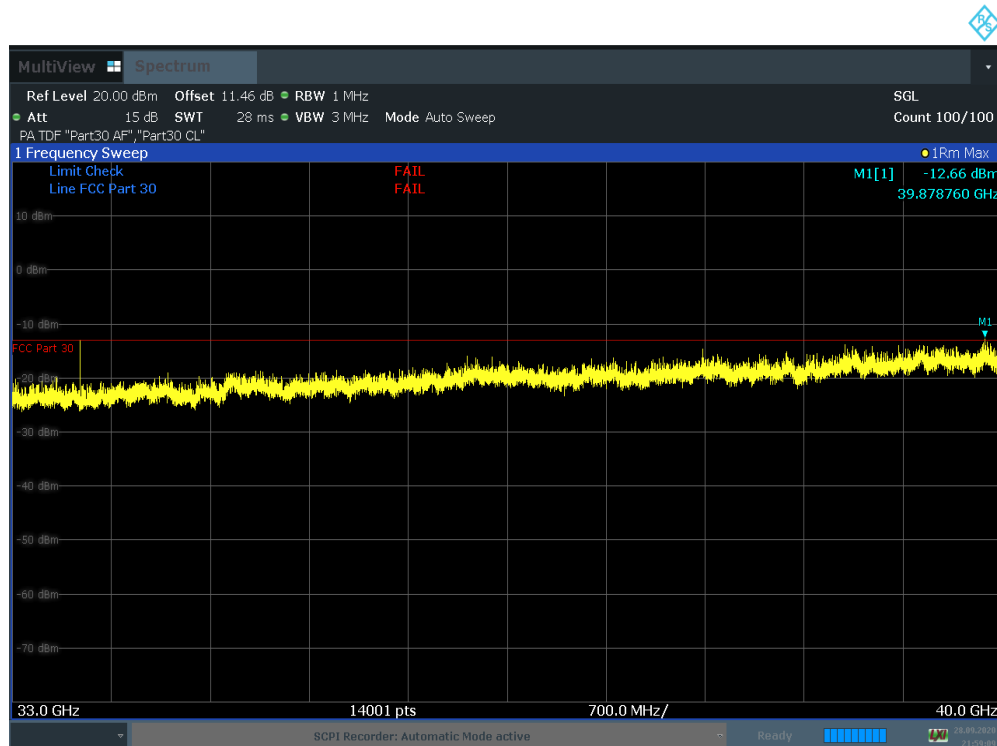
Plot 7-530. RSE 33 GHz – 40 GHz (100 MHz BW 4CC NC QPSK Low Ant. Angle 135 Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 326 of 466

1st Marker Frequency: 33.560 GHz Margin: 5.33 dB

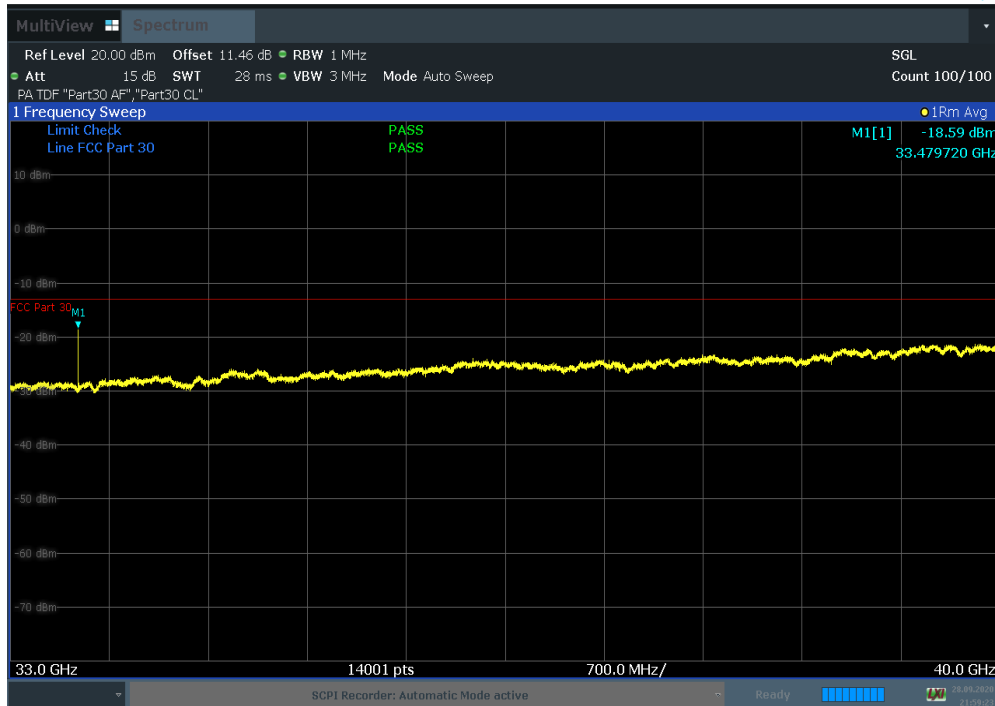


Plot 7-531. RSE 33.5 GHz – 33.6 GHz (100 MHz BW 4CC NC QPSK Low TRP)

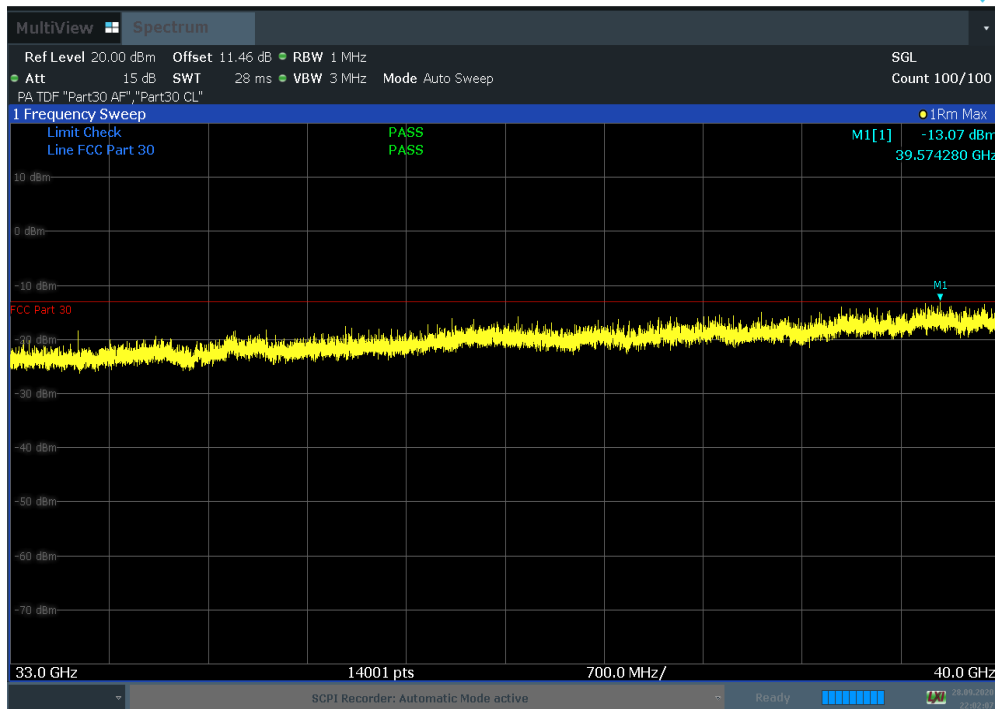


Plot 7-532. RSE 33 GHz – 40 GHz (100 MHz BW 8CC CC QPSK Low Ant. Angle 45)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 327 of 466

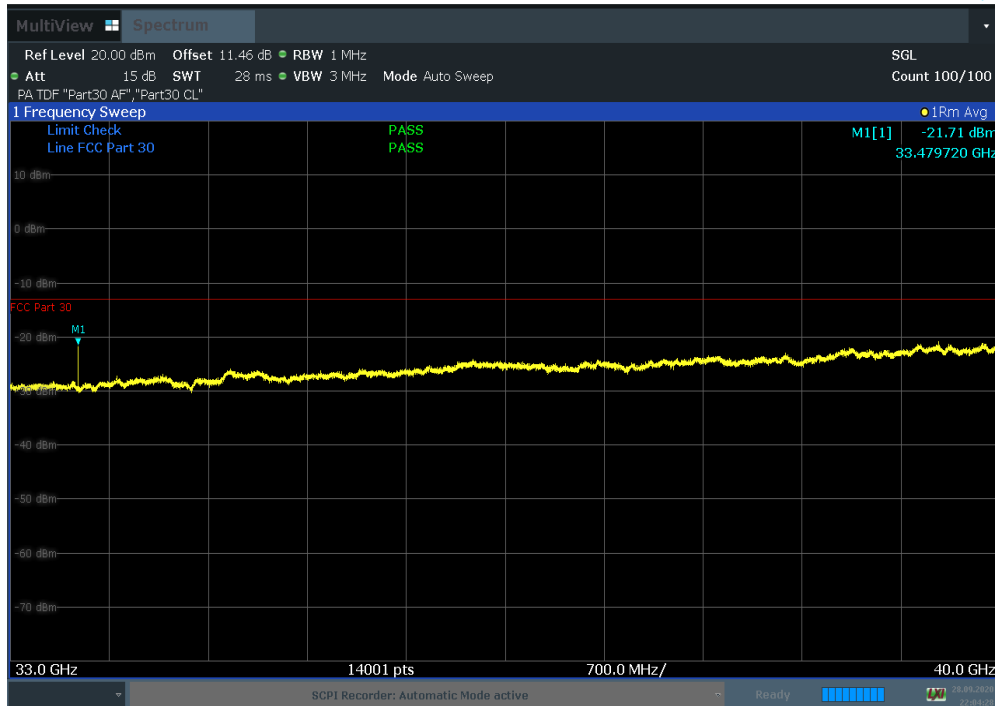


Plot 7-533. RSE 33 GHz – 40 GHz (100 MHz BW 8CC CC QPSK Low Ant. Angle 45, Final)

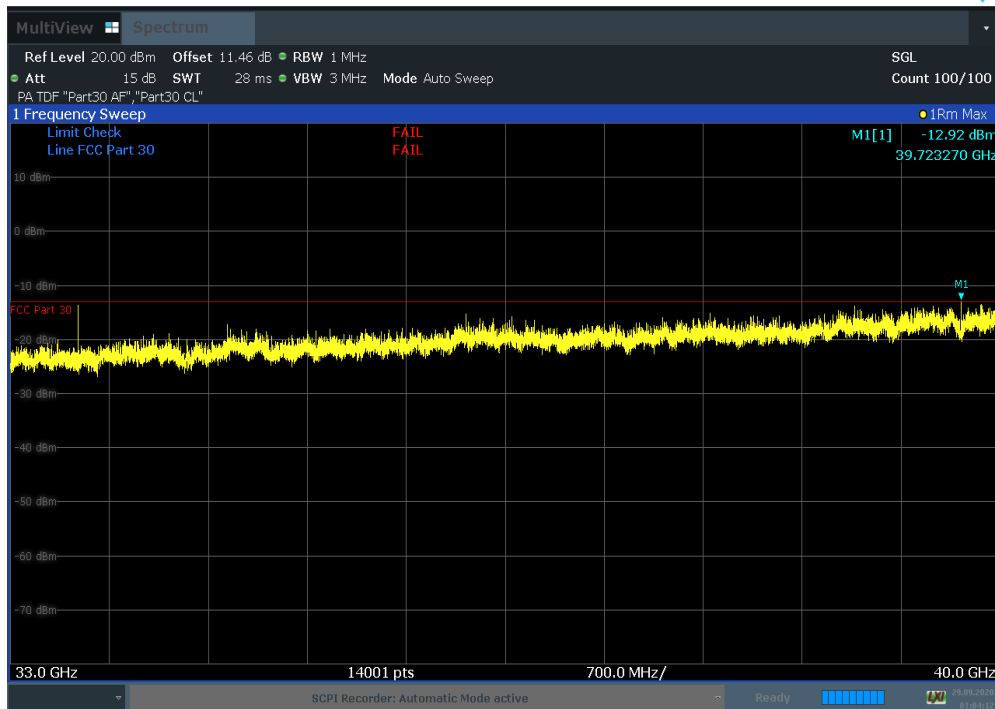


Plot 7-534. RSE 33 GHz – 40 GHz (100 MHz BW 8CC CC QPSK Low Ant. Angle 135)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 328 of 466

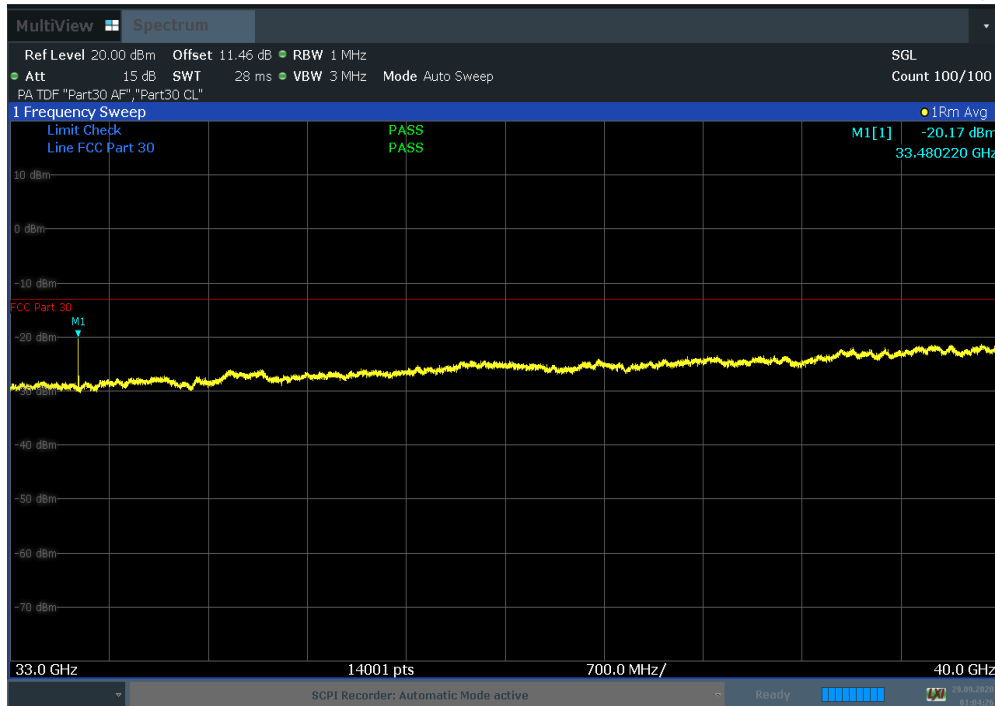


Plot 7-535. RSE 33 GHz – 40 GHz (100 MHz BW 8CC CC QPSK Low Ant. Angle 135, Final)

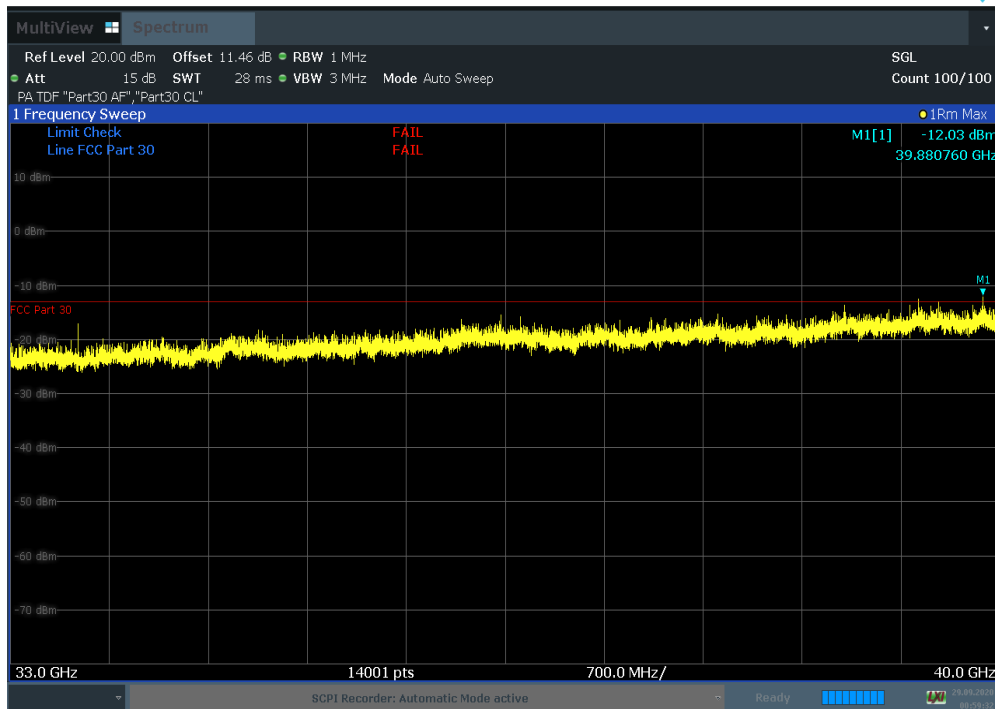


Plot 7-536. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Low Ant. Angle 45)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 329 of 466

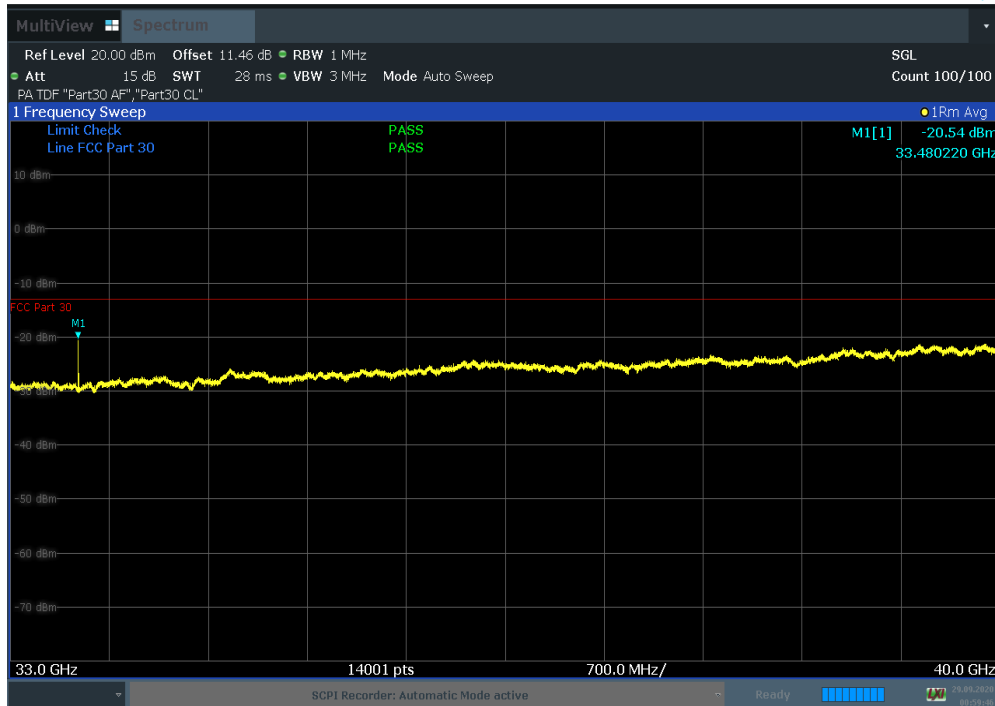


Plot 7-537. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
Low Ant. Angle 45, Final)

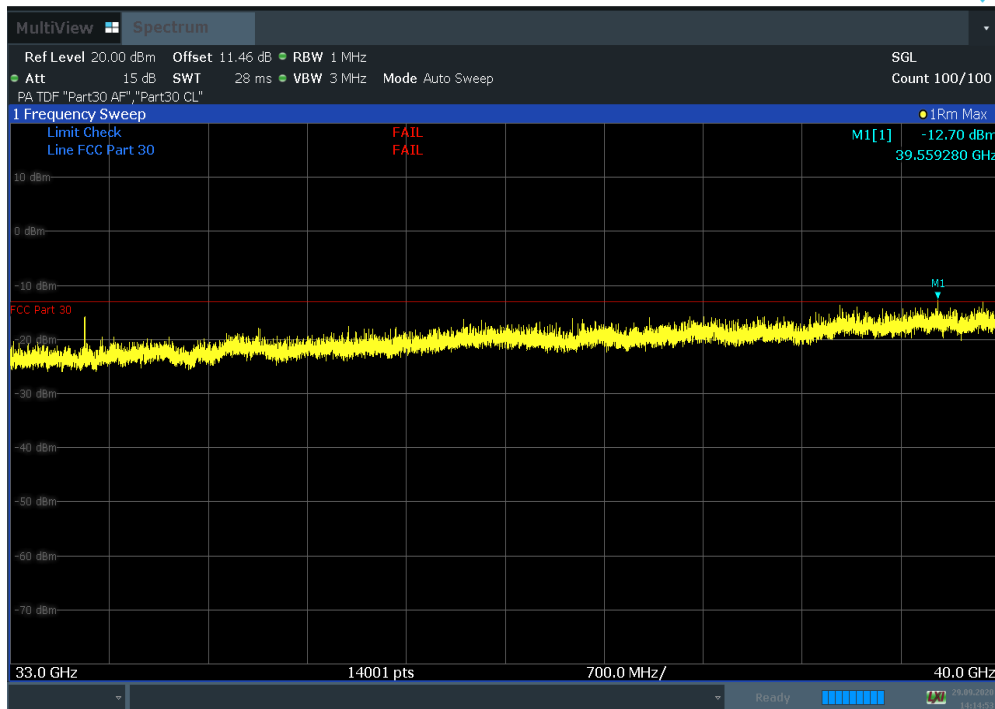


Plot 7-538. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
Low Ant. Angle 135)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 330 of 466

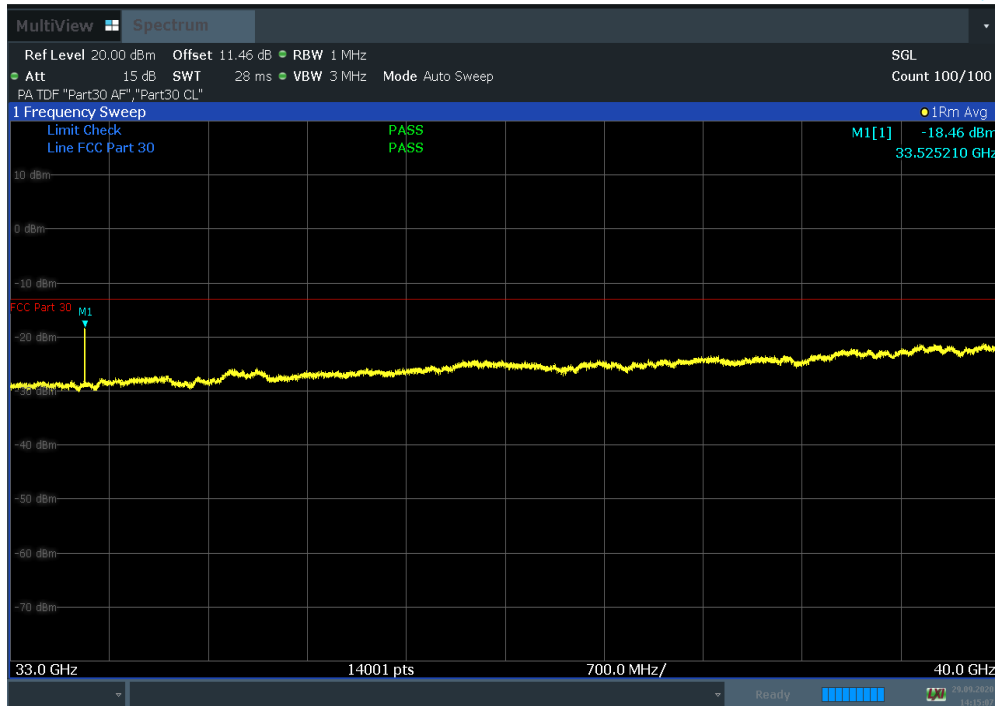


Plot 7-539. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
Low Ant. Angle 135, Final)

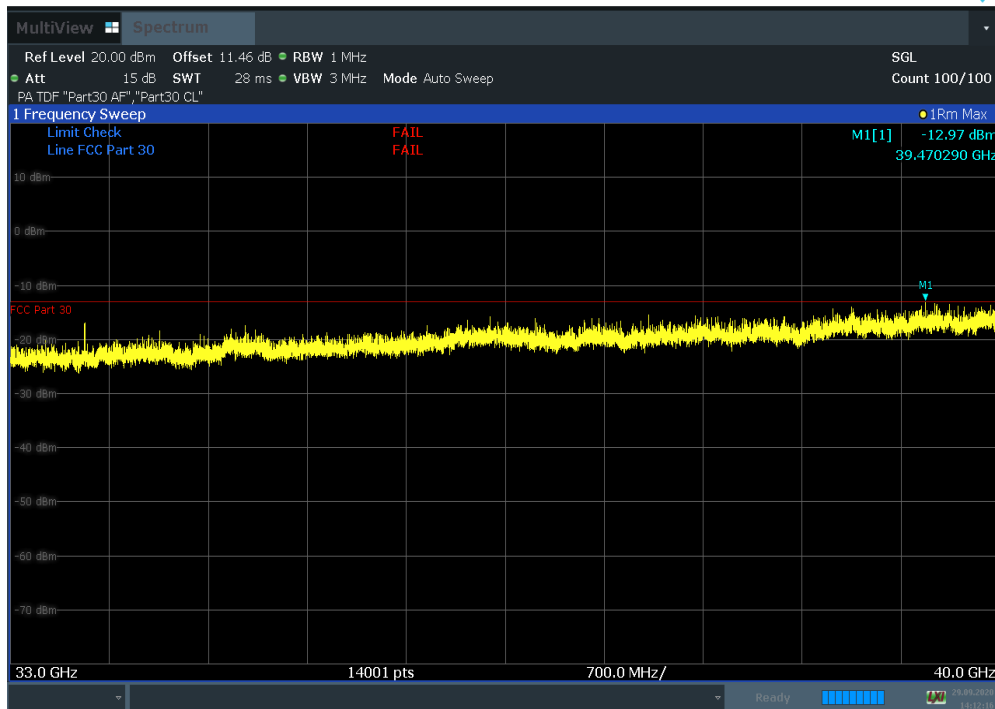


Plot 7-540. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK
Low Ant. Angle 45)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 331 of 466

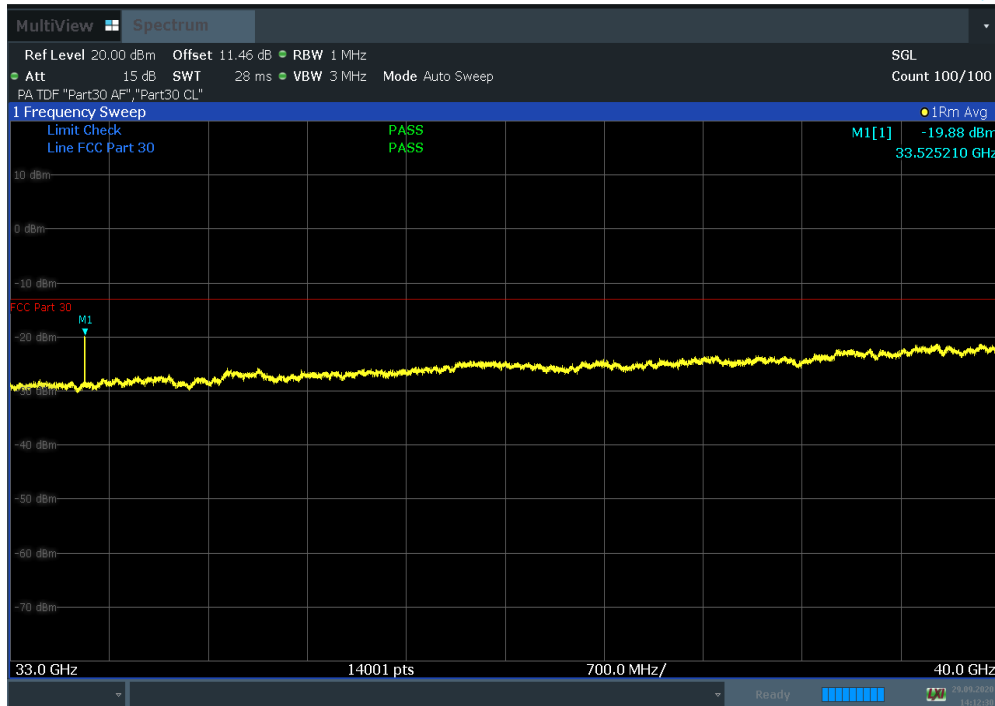


Plot 7-541. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK
Low Ant. Angle 45, Final)

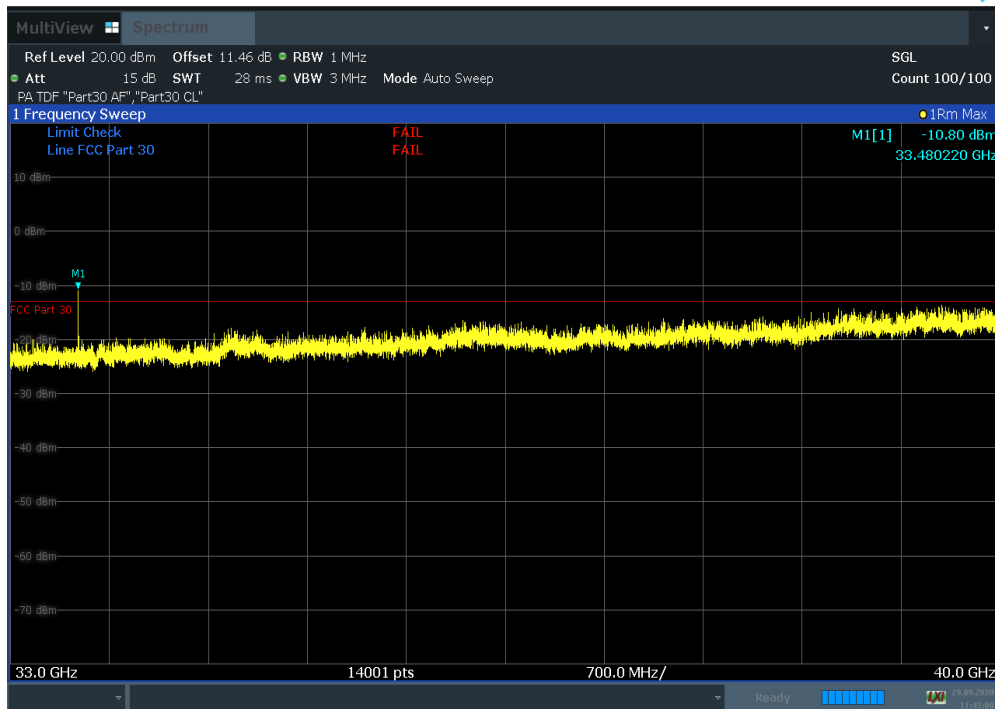


Plot 7-542. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK
Low Ant. Angle 135)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 332 of 466

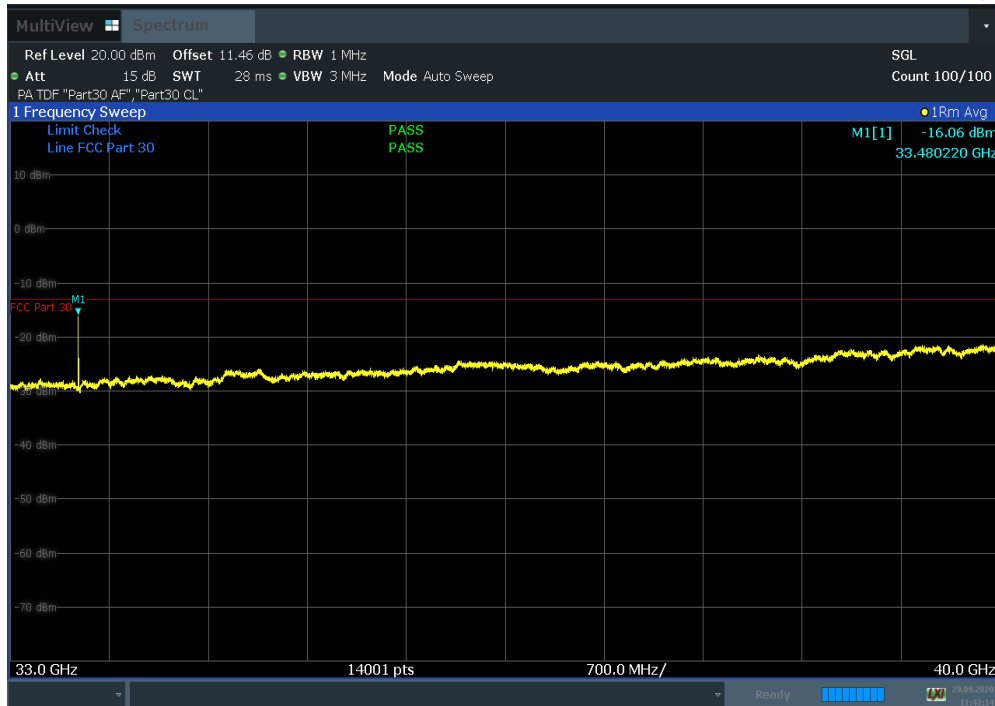


Plot 7-543. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK
Low Ant. Angle 135, Final)

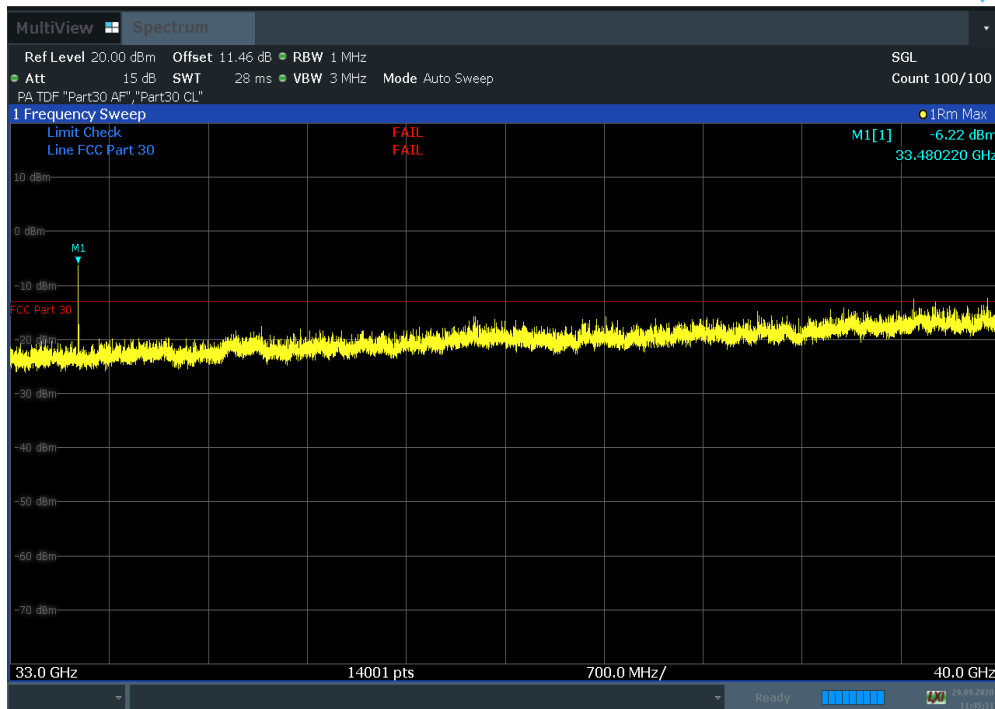


Plot 7-544. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
Low Ant. Angle 45)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 333 of 466

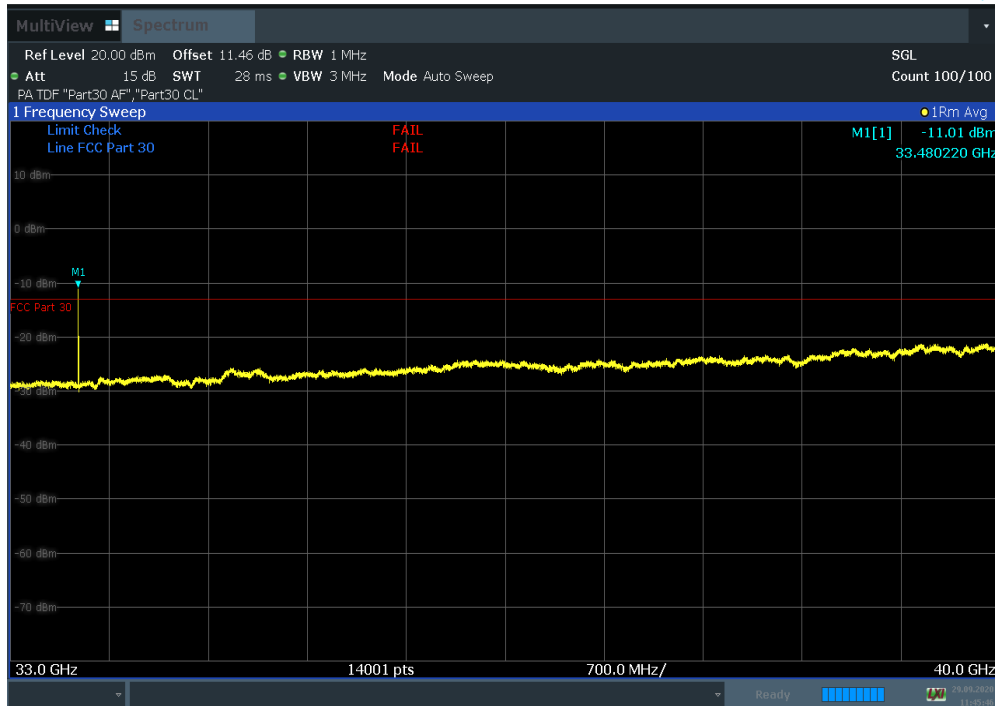


Plot 7-545. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
Low Ant. Angle 45, Final)



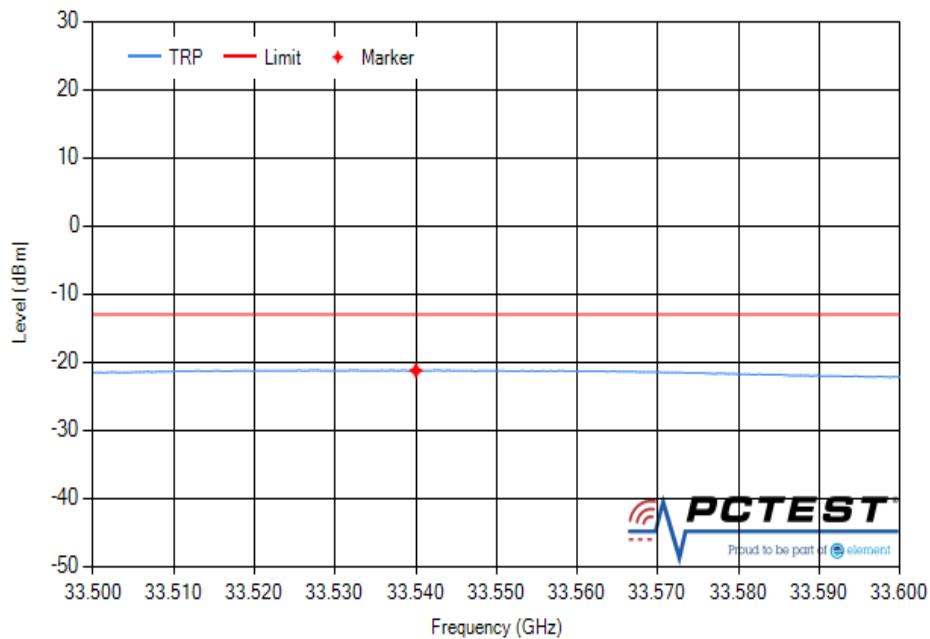
Plot 7-546. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
Low Ant. Angle 135)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 334 of 466



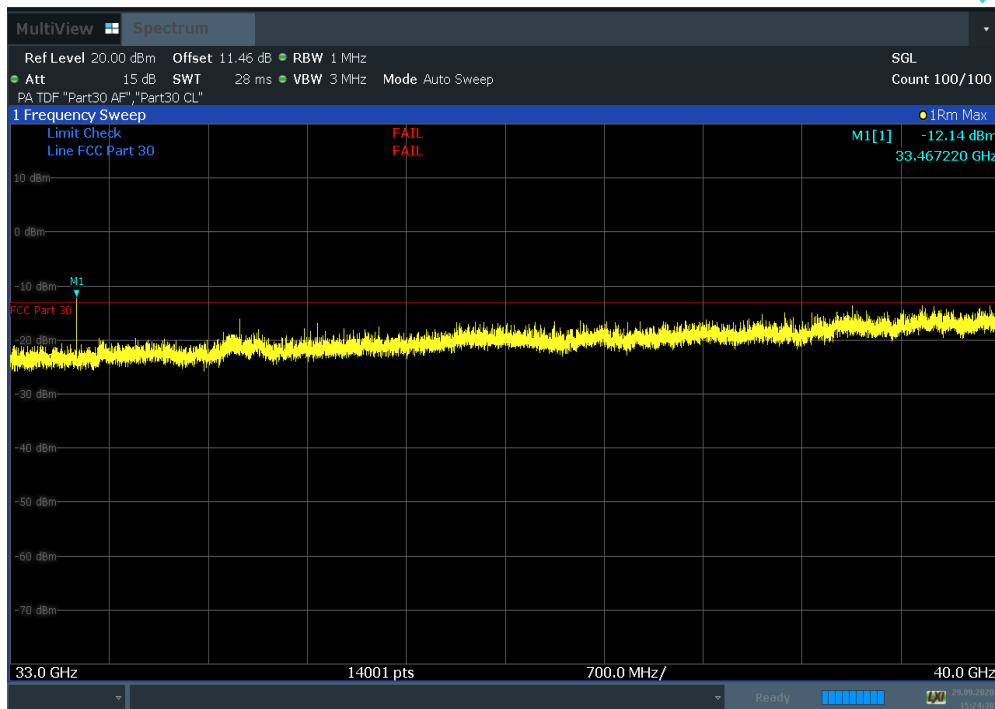
Plot 7-547. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
Low Ant. Angle 135, Final)

1st Marker Frequency: 33.540 GHz Margin: 8.22 dB

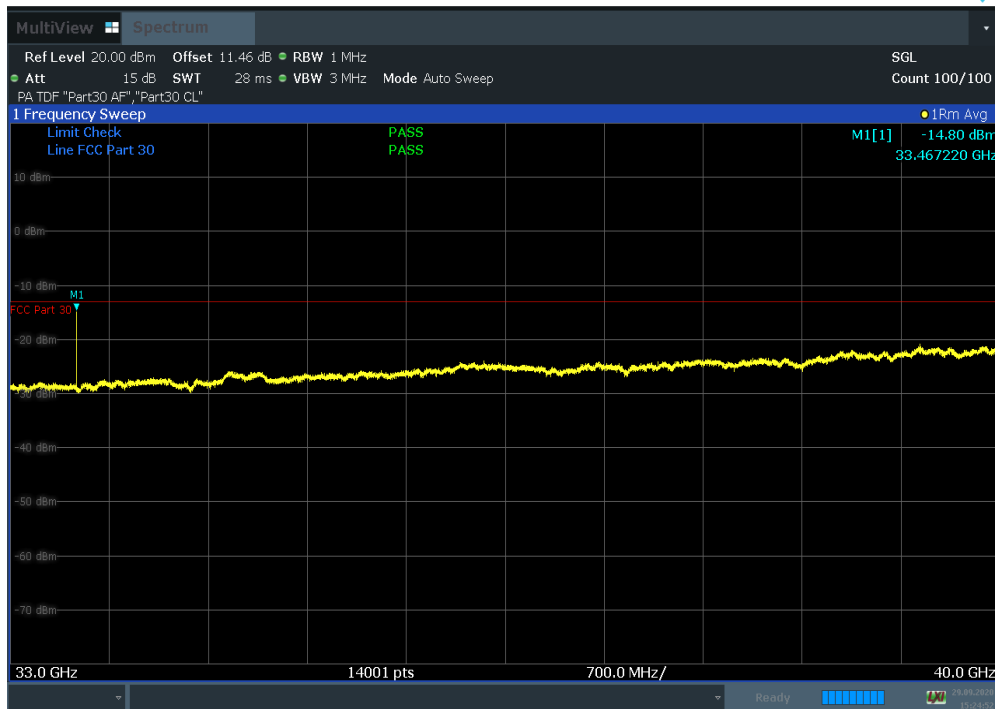


Plot 7-548. RSE 33.5 GHz – 33.6 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
Low TRP)

FCC ID: A3LAT1K04-B00	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit	Page 335 of 466	

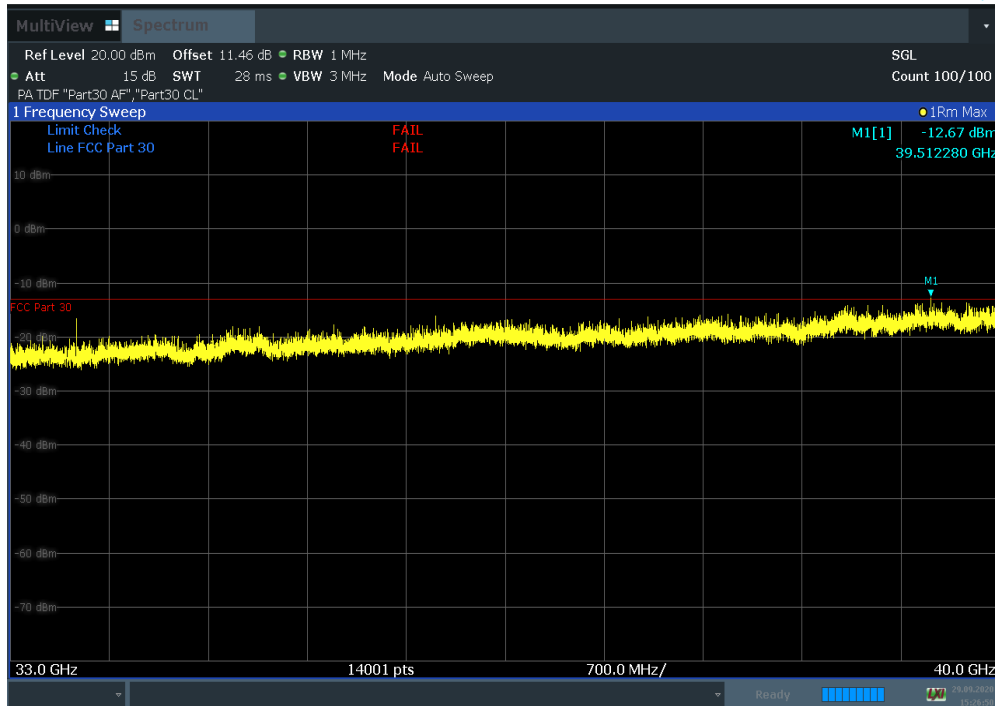


Plot 7-549. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
Low Ant. Angle 45)

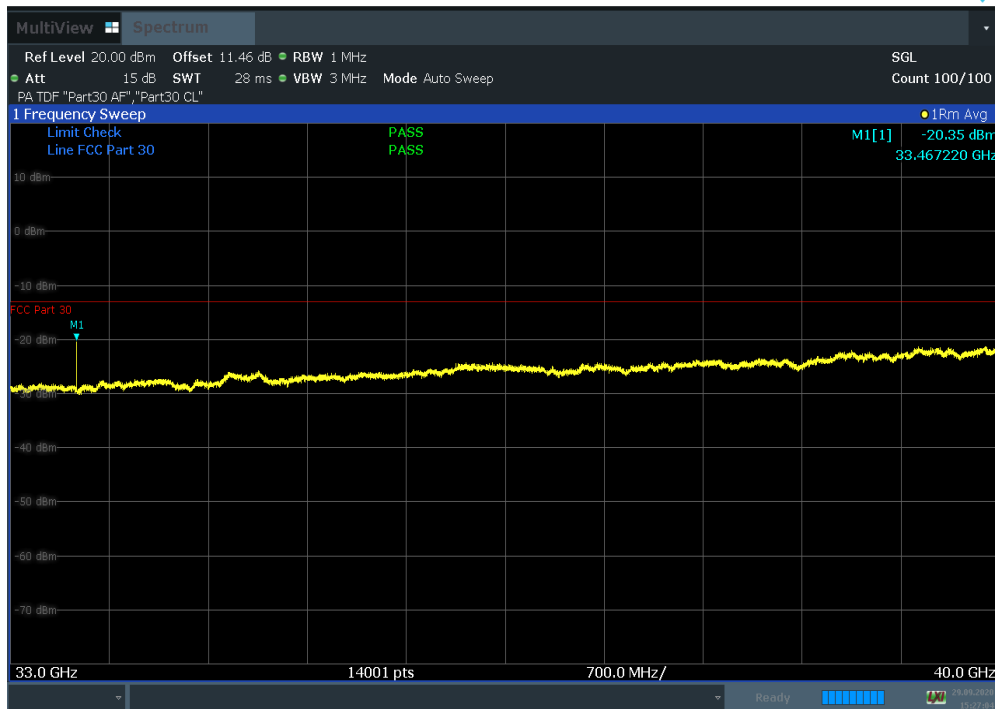


Plot 7-550. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
Low Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 336 of 466



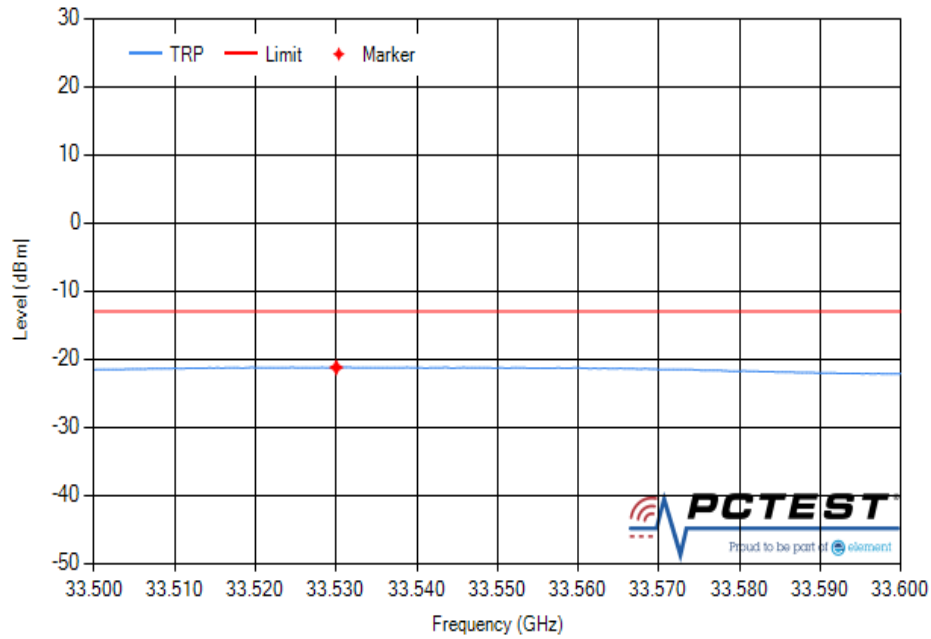
Plot 7-551. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
Low Ant. Angle 135)



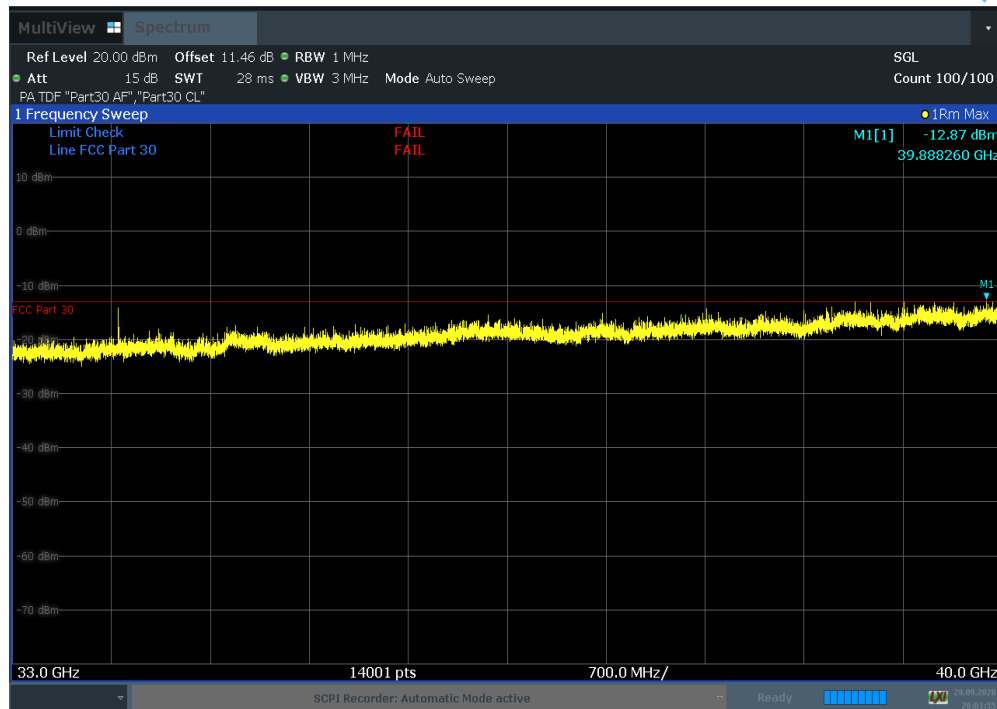
Plot 7-552. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
Low Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 337 of 466

1st Marker Frequency: 33.530 GHz Margin: 8.2 dB

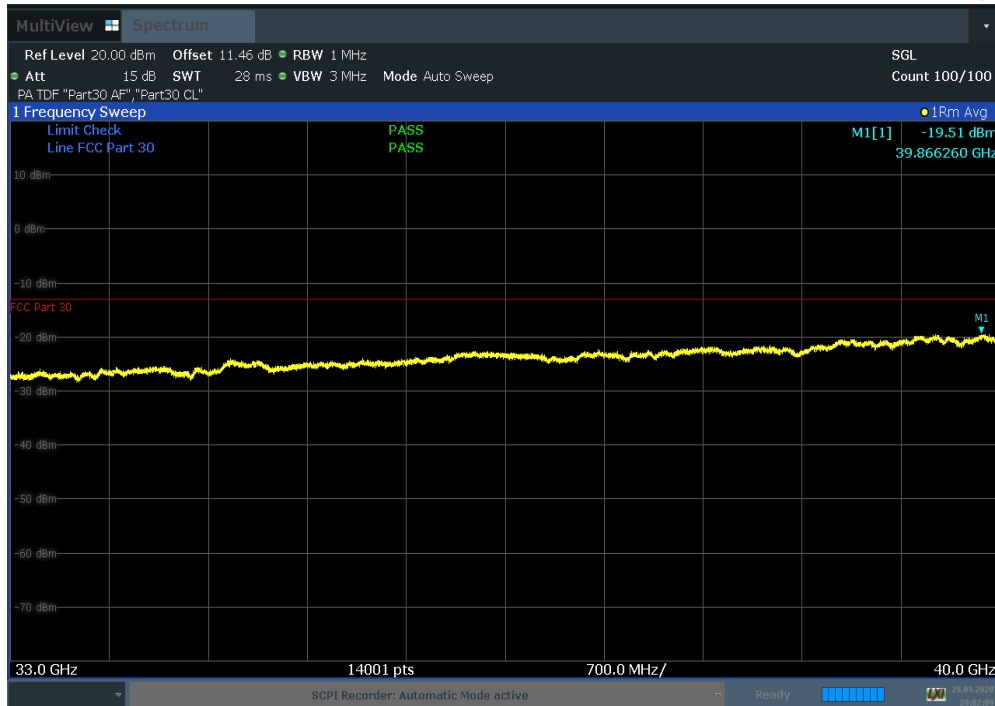


Plot 7-553. RSE 33.5 GHz – 33.6 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Low TRP)

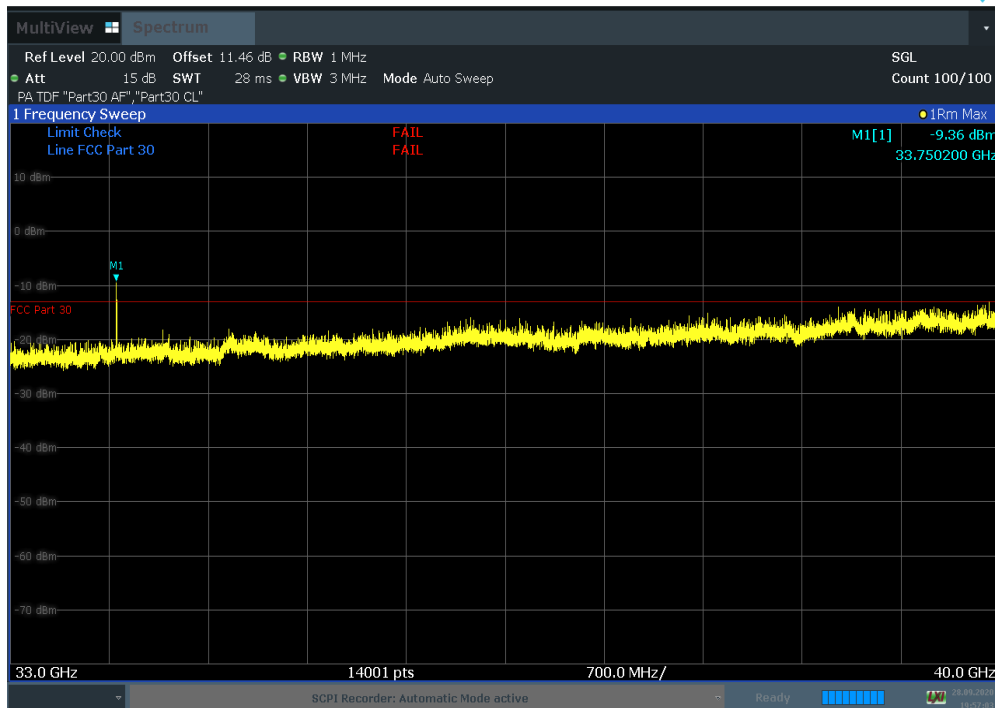


Plot 7-554. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 45)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 338 of 466

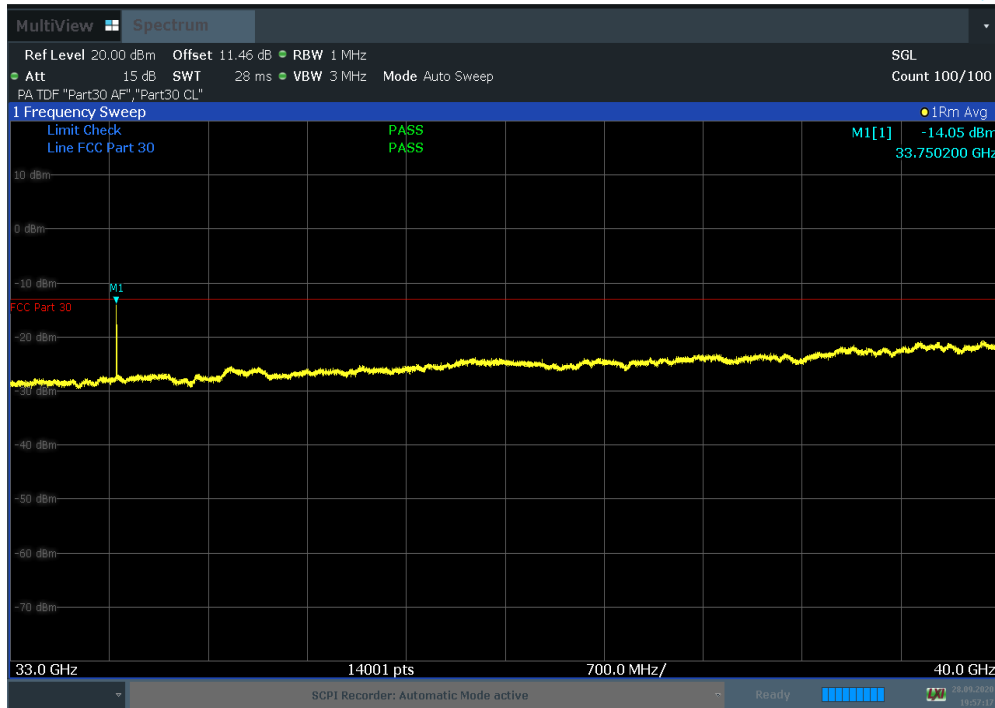


Plot 7-555. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 45, Final)

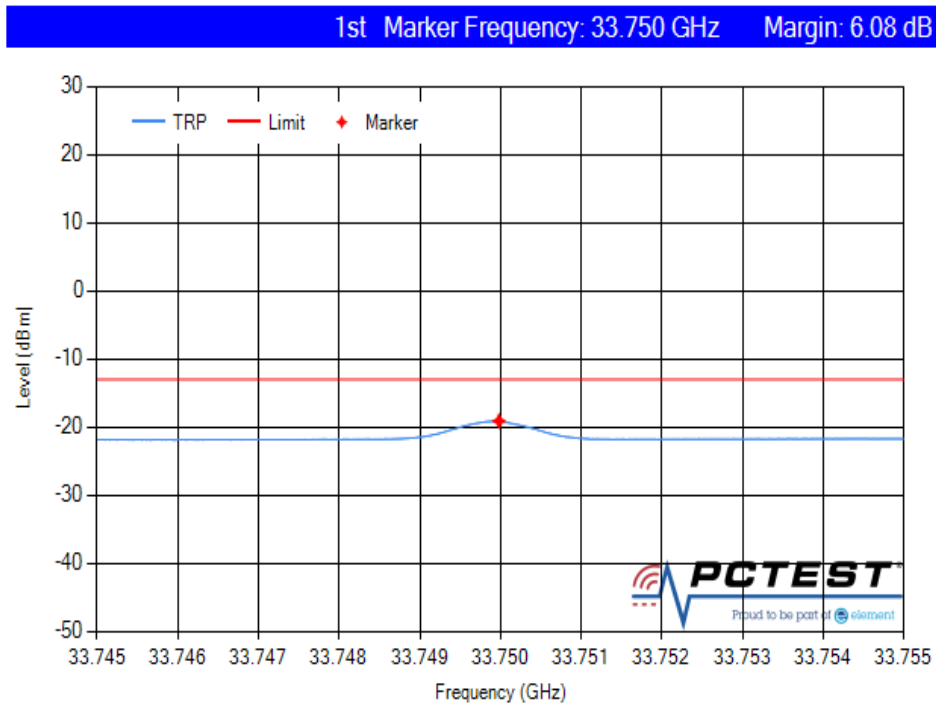


Plot 7-556. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 135)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 339 of 466

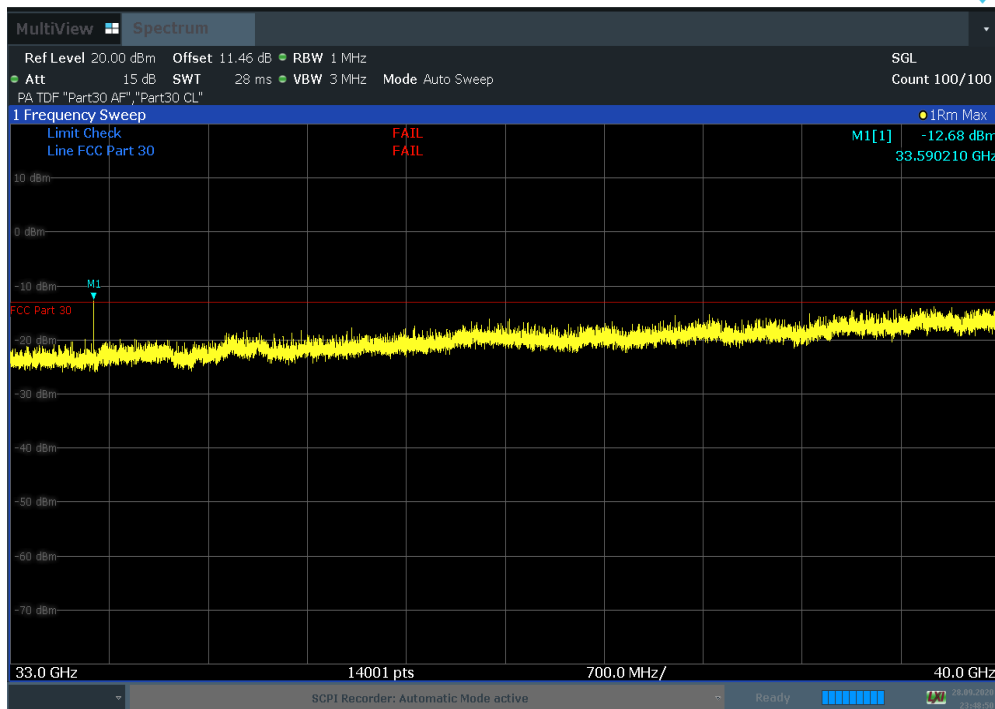


Plot 7-557. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 135, Final)

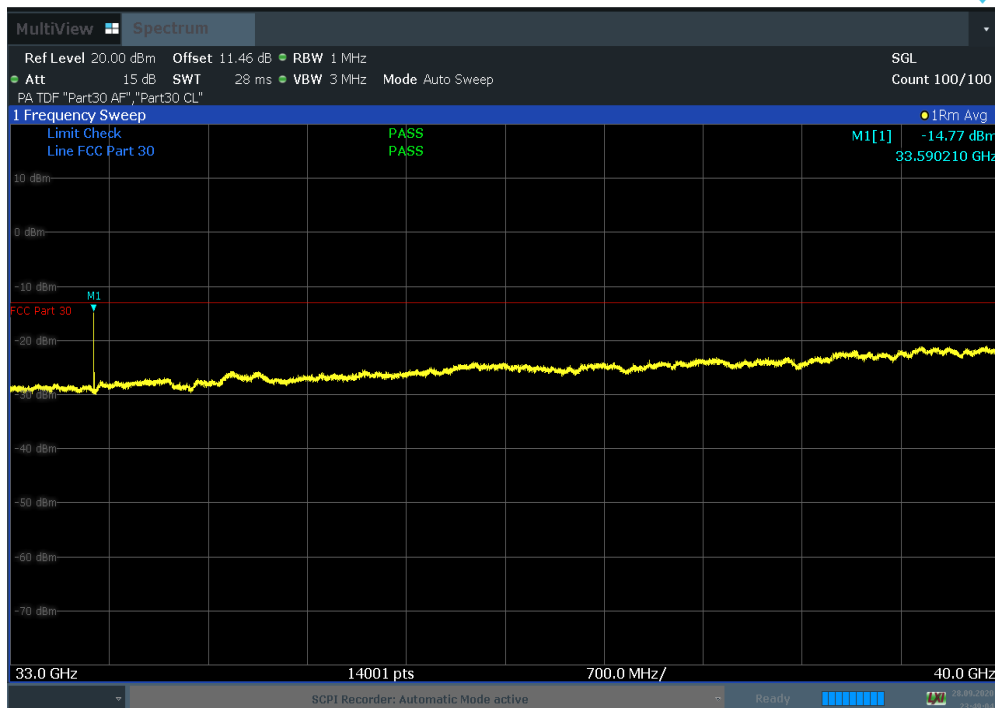


Plot 7-558. RSE 33.745 GHz – 33.755 GHz (100 MHz BW 4CC CC QPSK Mid TRP)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 340 of 466

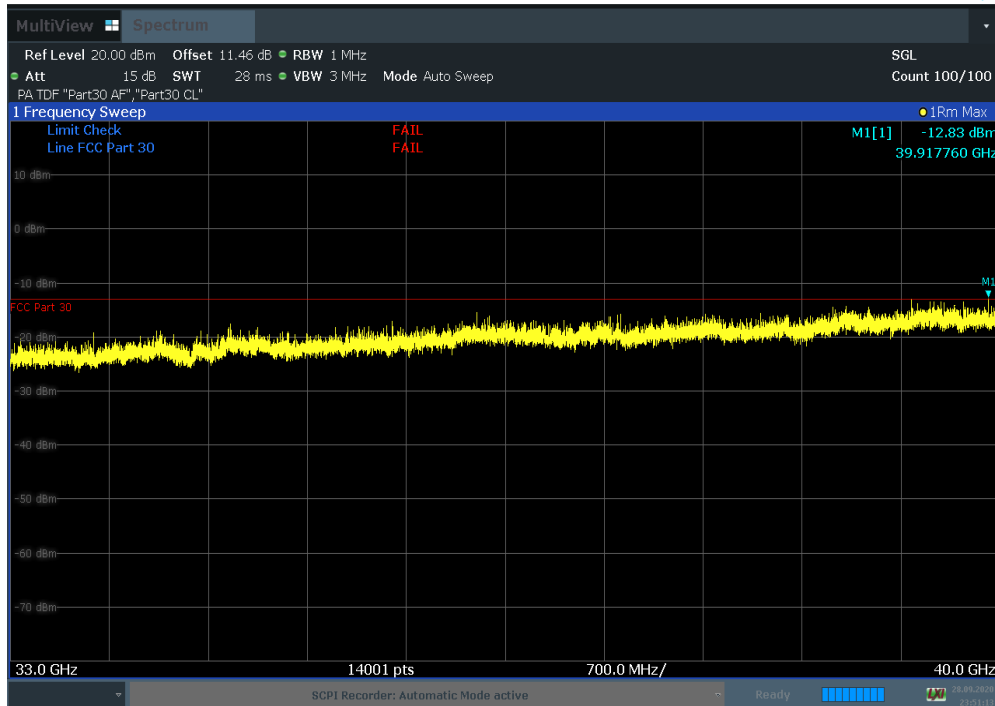


Plot 7-559. RSE 33 GHz – 40 GHz (100 MHz BW 4CC NC QPSK Mid Ant. Angle 45)

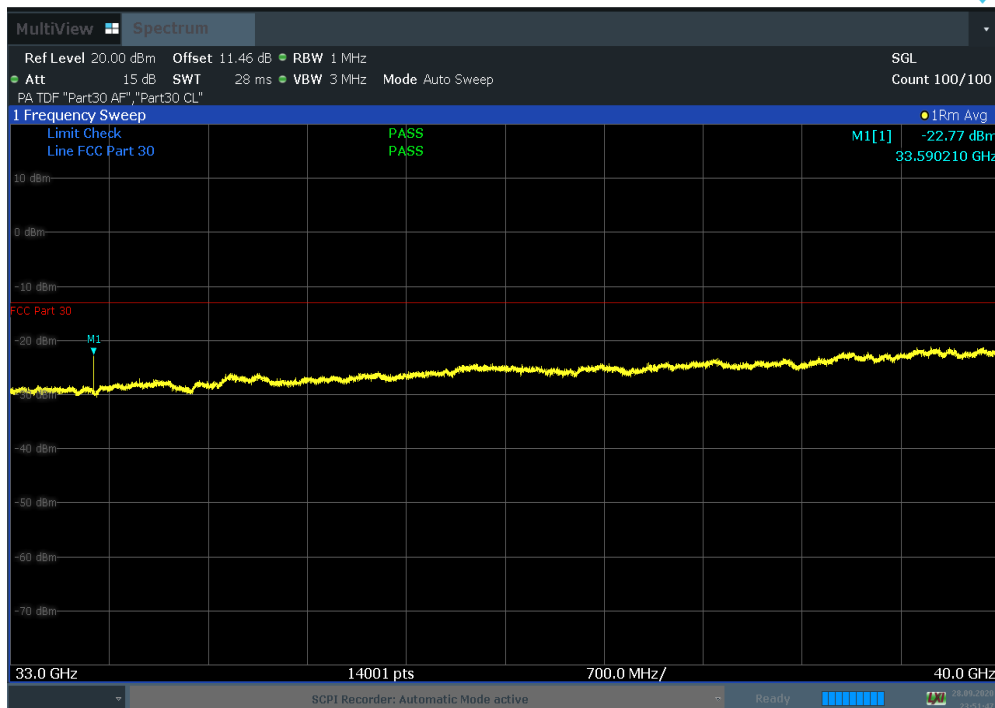


Plot 7-560. RSE 33 GHz – 40 GHz (100 MHz BW 4CC NC QPSK Mid Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 341 of 466



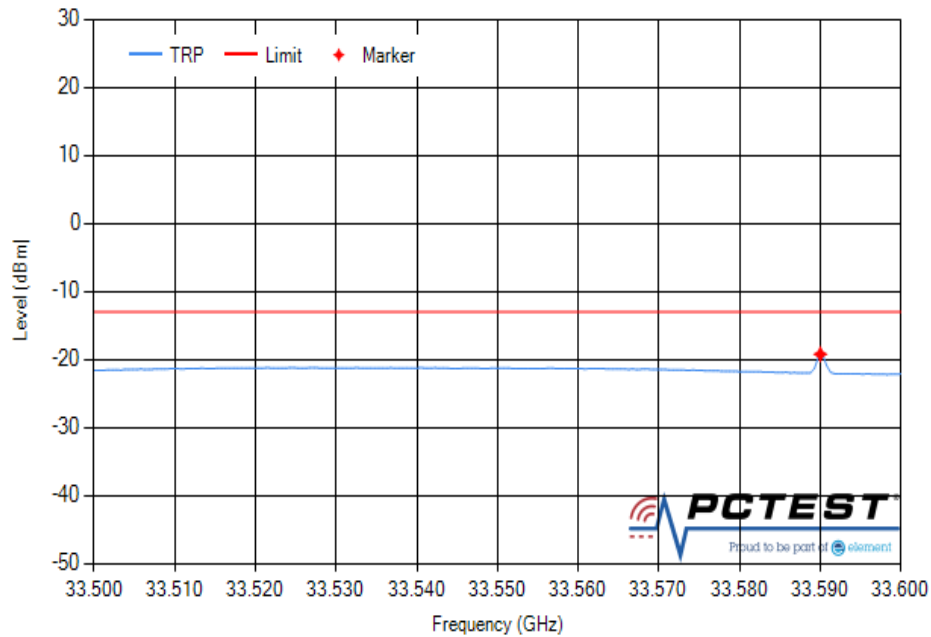
Plot 7-561. RSE 33 GHz – 40 GHz (100 MHz BW 4CC NC QPSK Mid Ant. Angle 135)



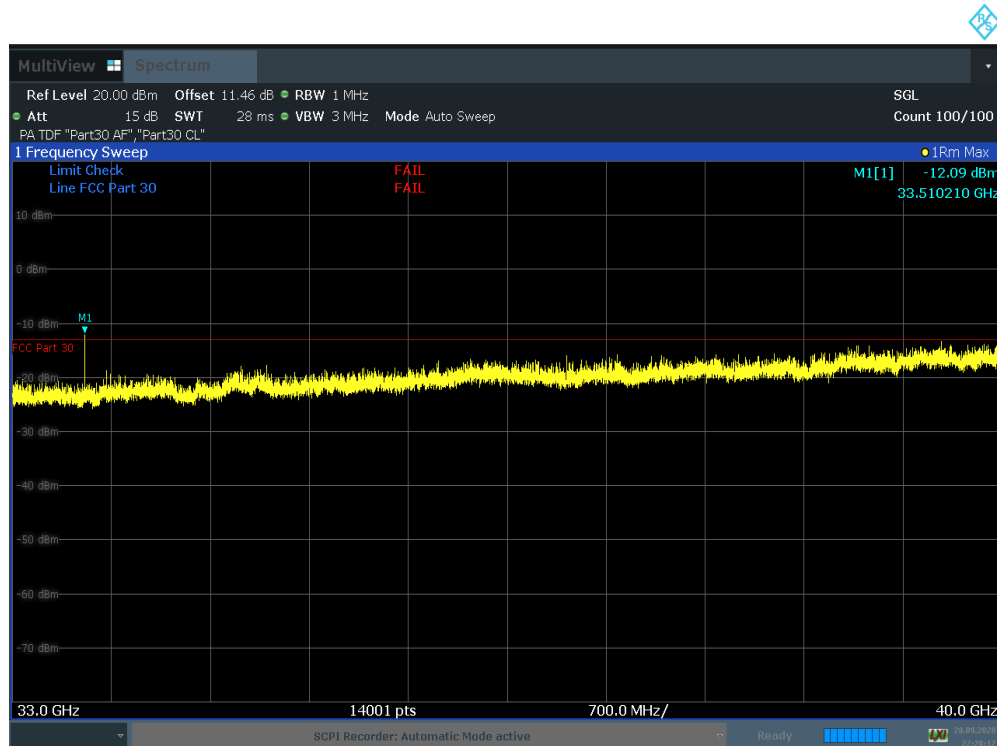
Plot 7-562. RSE 33 GHz – 40 GHz (100 MHz BW 4CC NC QPSK Mid Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 342 of 466

1st Marker Frequency: 33.590 GHz Margin: 6.19 dB



Plot 7-563. RSE 33.5 GHz – 33.6 GHz (100 MHz BW 4CC NC QPSK Mid TRP)



Plot 7-564. RSE 33 GHz – 40 GHz (100 MHz BW 8CC CC QPSK Mid Ant. Angle 45)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 343 of 466