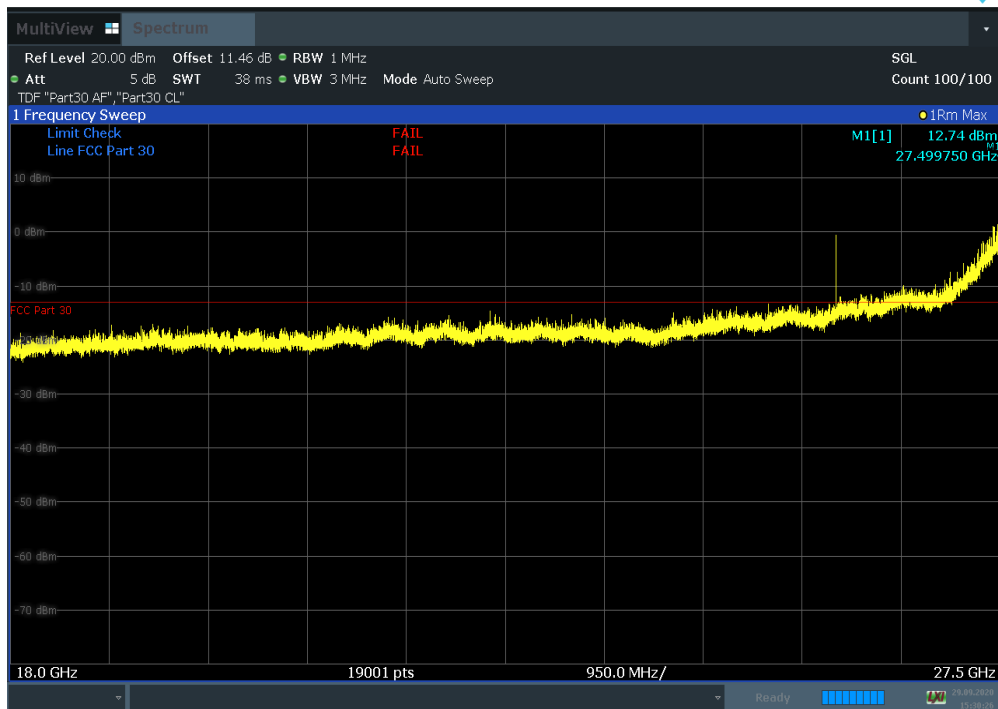
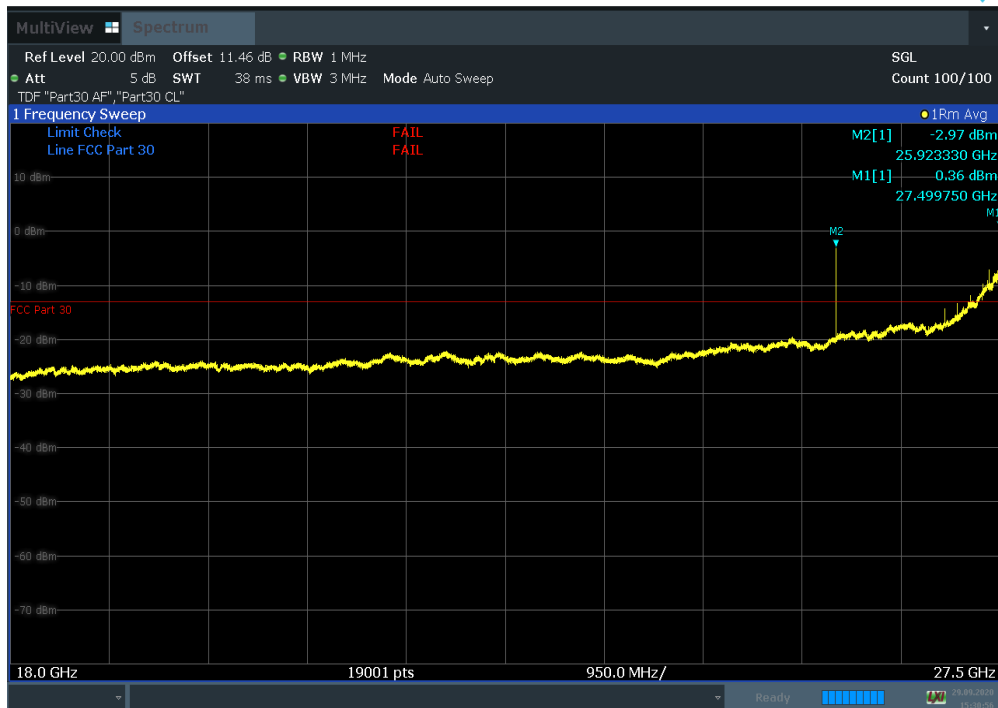




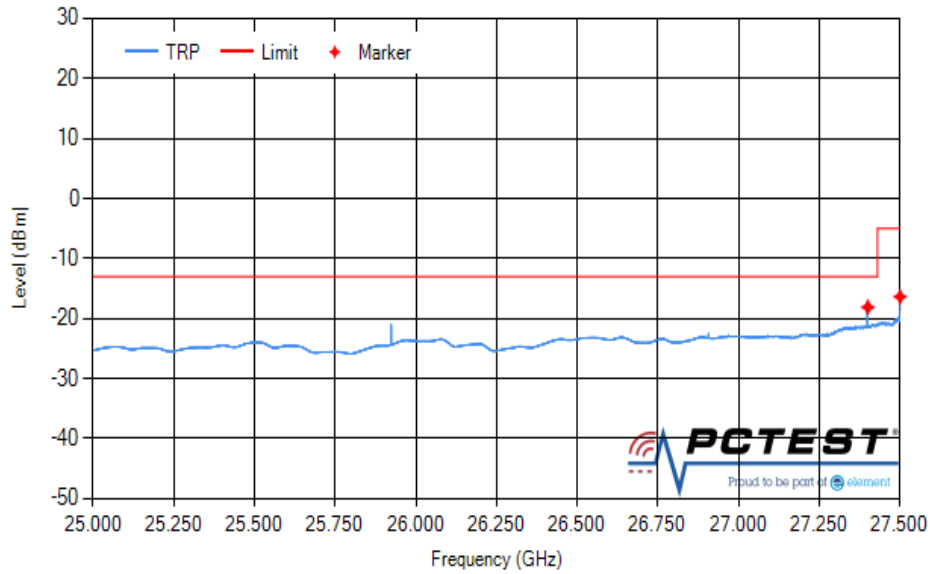
Plot 7-345. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
Low Ant. Angle 135)



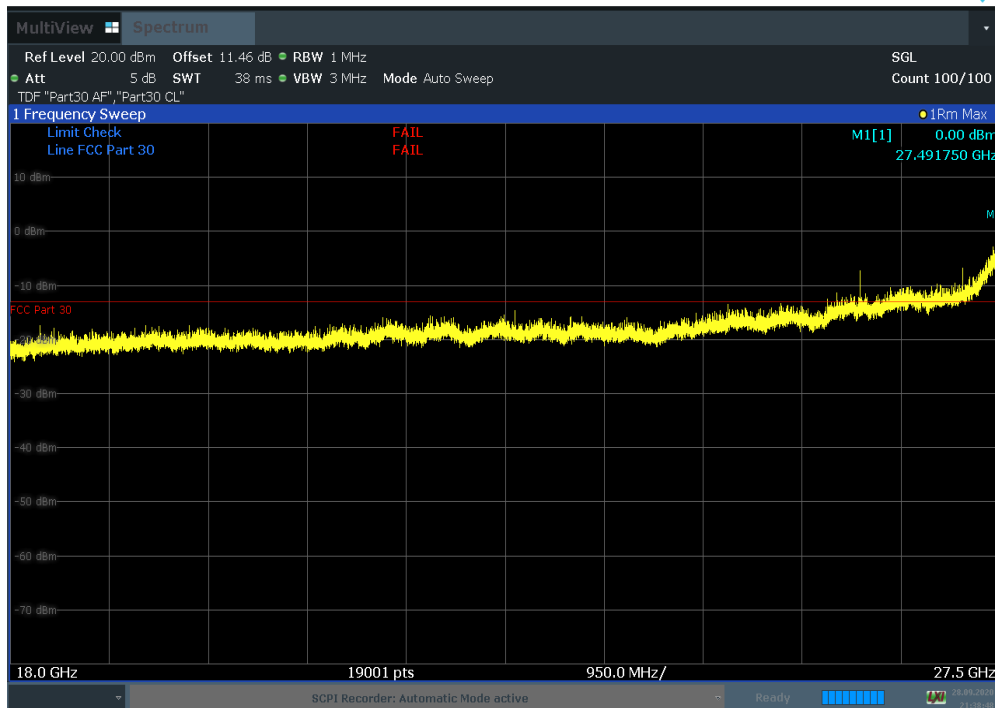
Plot 7-346. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
Low Ant. Angle 135, Final)

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 233 of 466

1st Marker Frequency: 27.500 GHz Margin: 11.37 dB
2nd Marker Frequency: 27.400 GHz Margin: 5.11 dB

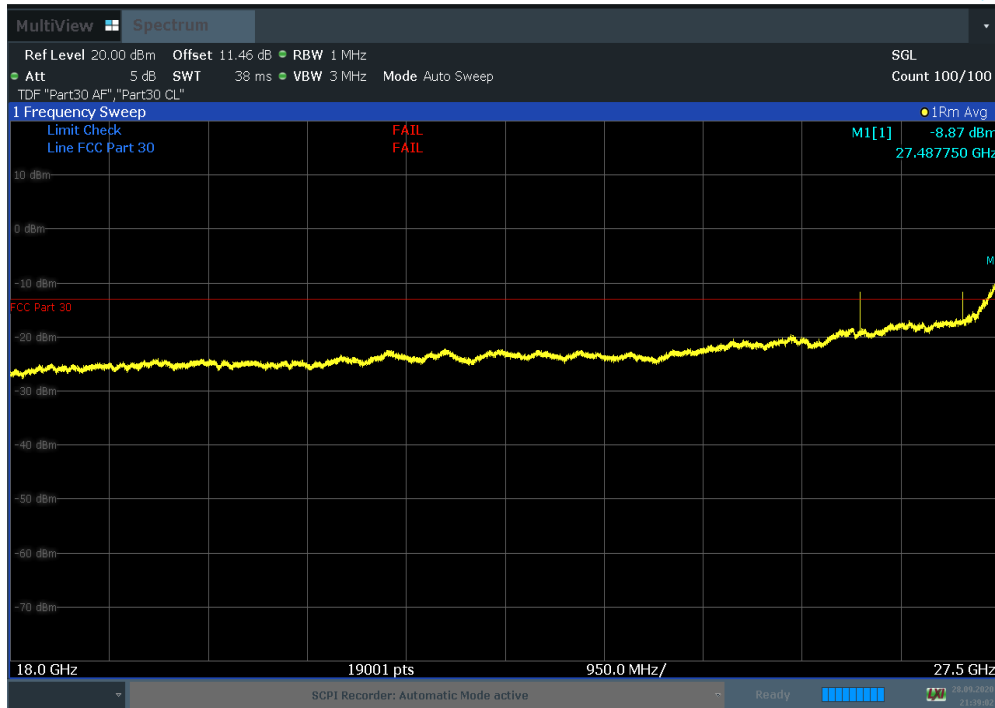


Plot 7-347. RSE 25 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Low TRP)

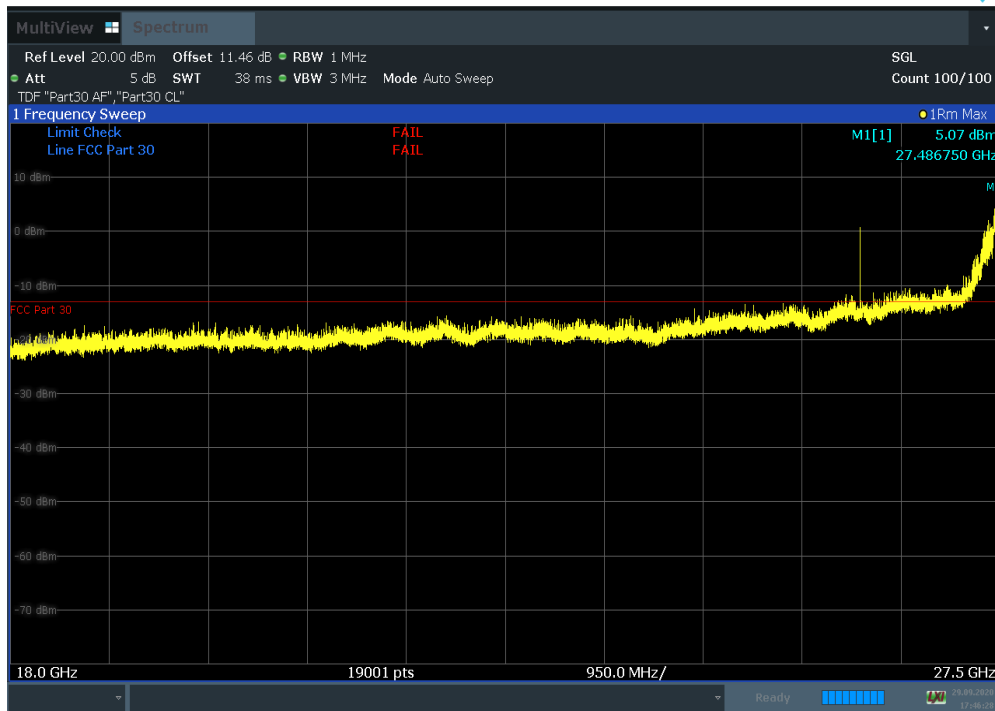


Plot 7-348. RSE 18 GHz – 27.5 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 45)

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 234 of 466

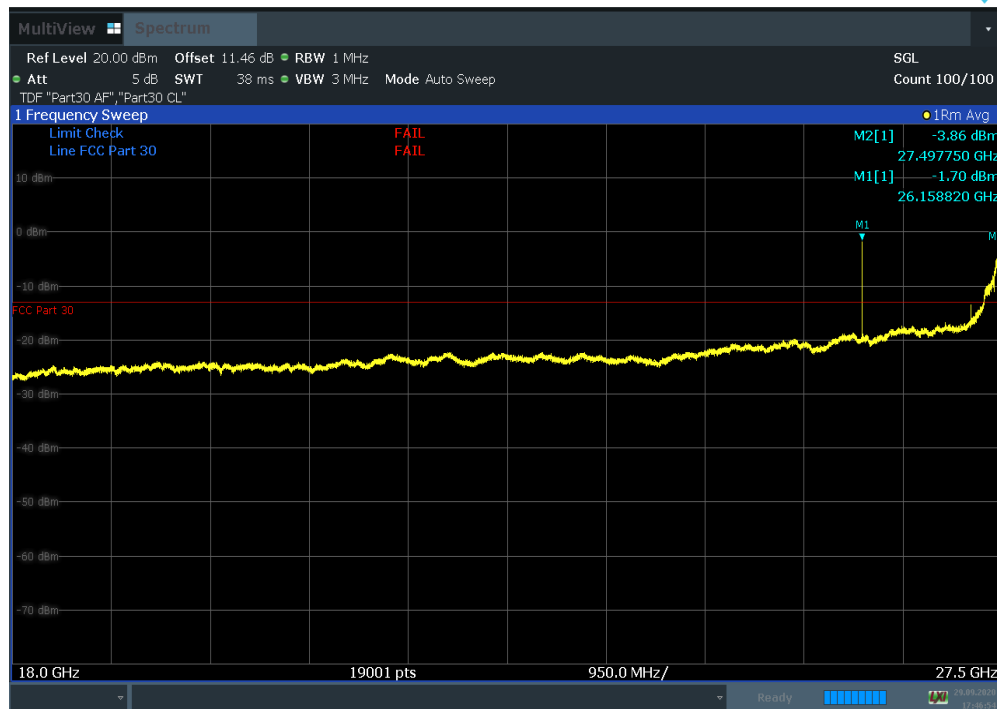


Plot 7-349. RSE 18 GHz – 27.5 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 45, Final)

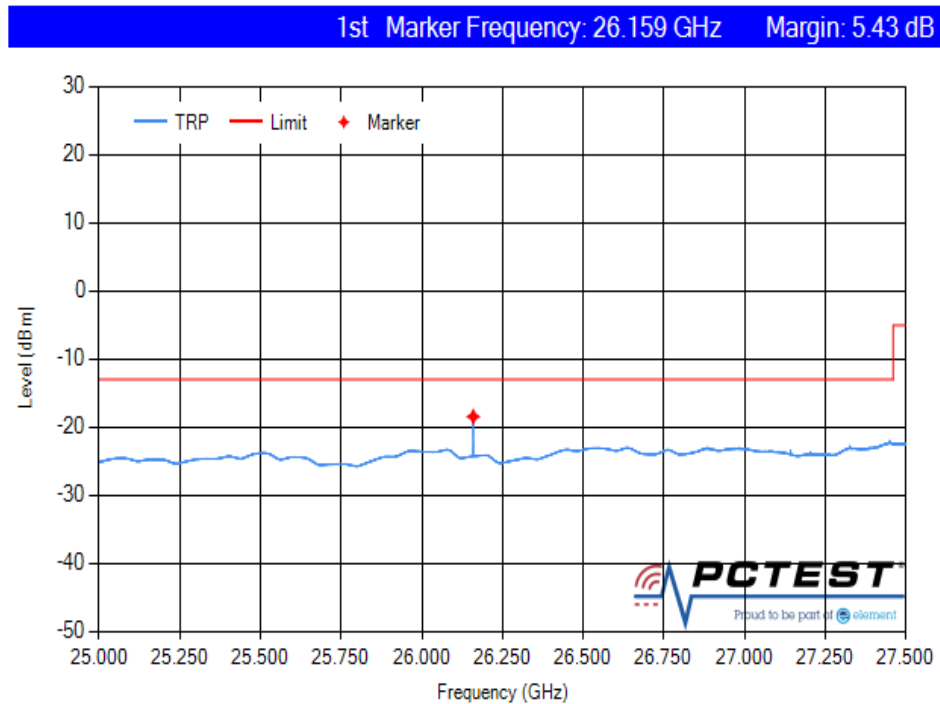


Plot 7-350. RSE 18 GHz – 27.5 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 135)

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 235 of 466

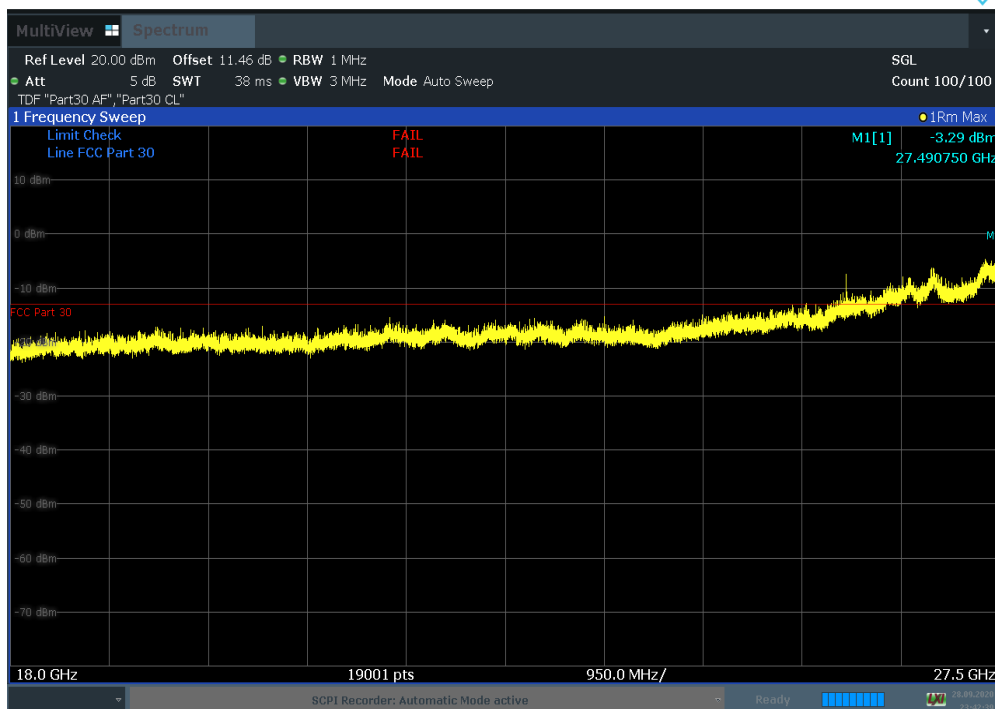


Plot 7-351. RSE 18 GHz – 27.5 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 135, Final)

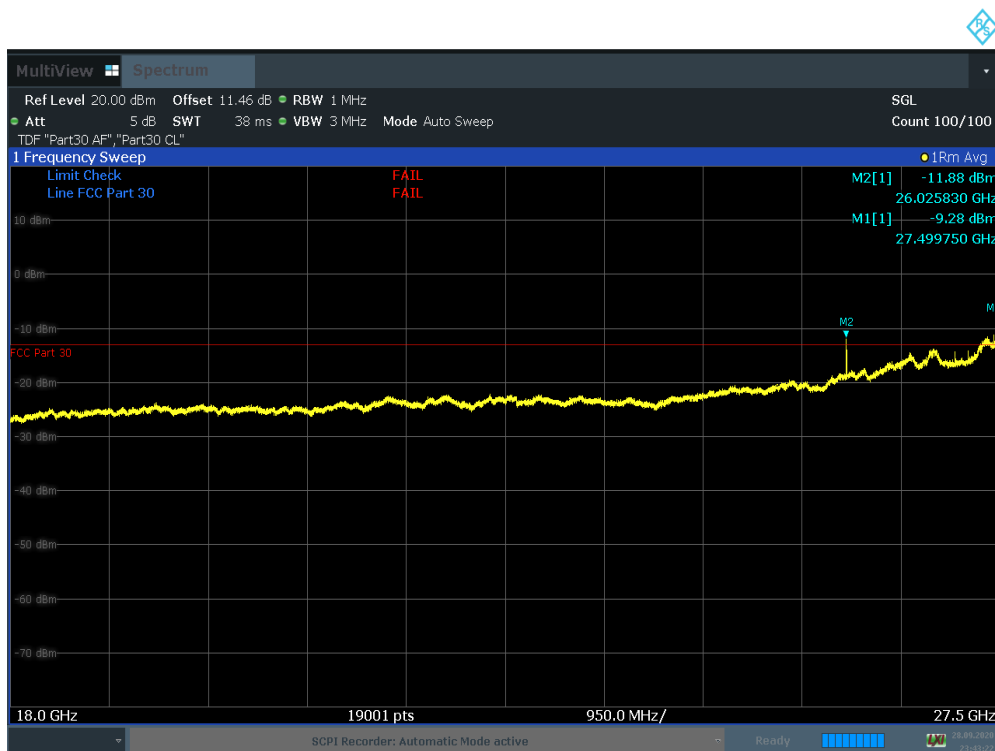


Plot 7-352. RSE 2.5 GHz – 27.5 GHz (100 MHz BW 4CC CC QPSK Mid TRP)

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 236 of 466

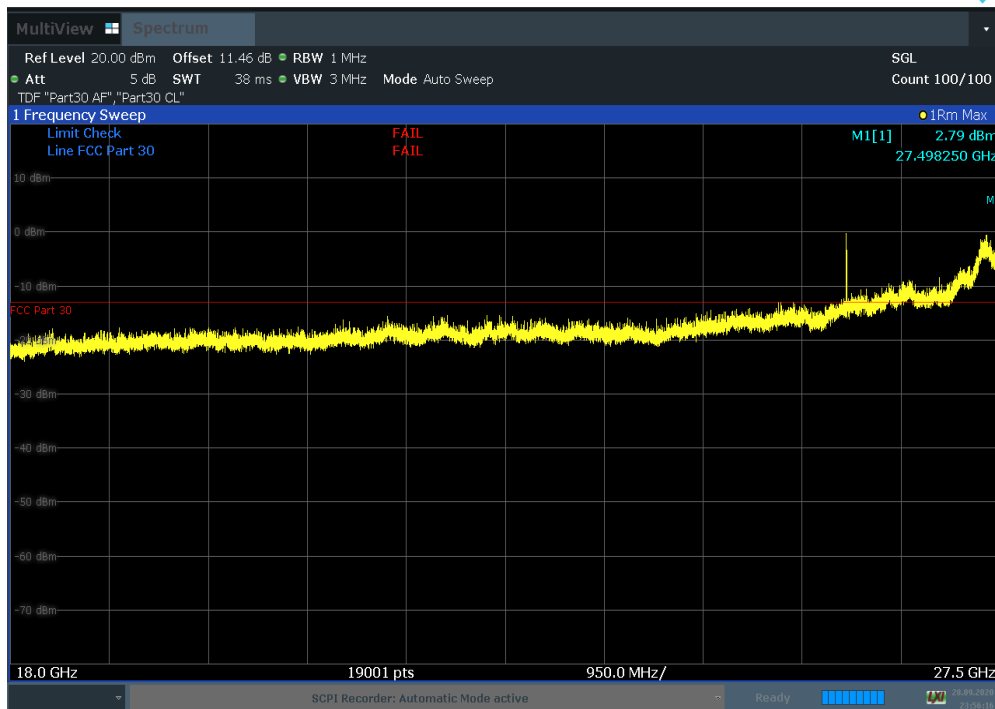


Plot 7-353. RSE 18 GHz – 27.5 GHz (100 MHz BW 4CC NC QPSK Mid Ant. Angle 45)

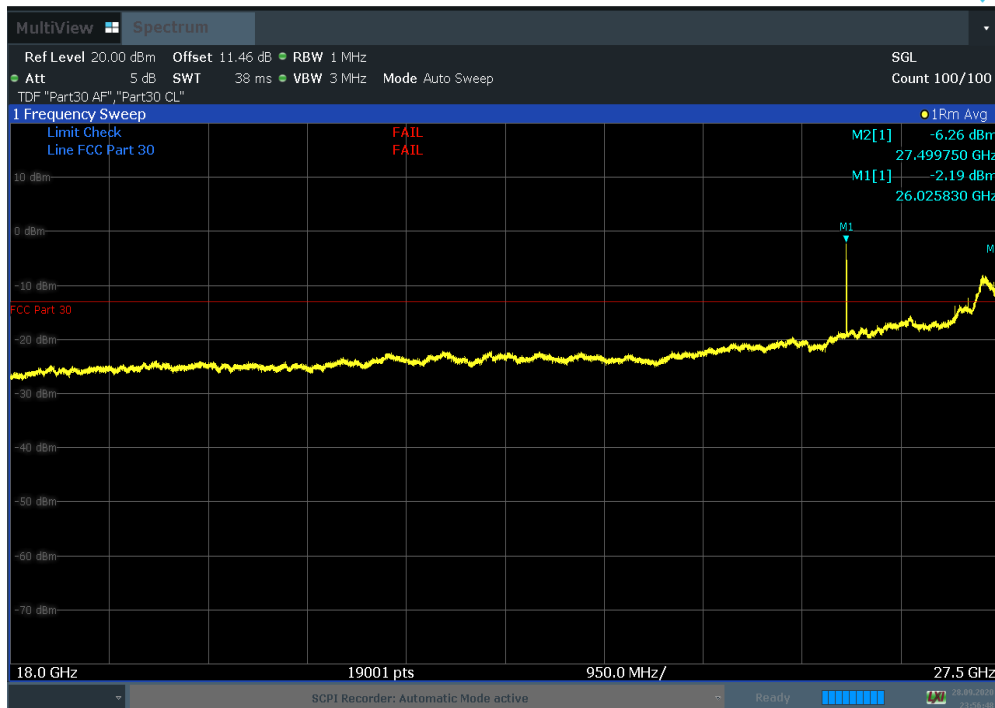


Plot 7-354. RSE 18 GHz – 27.5 GHz (100 MHz BW 4CC NC QPSK Mid Ant. Angle 45, Final)

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 237 of 466



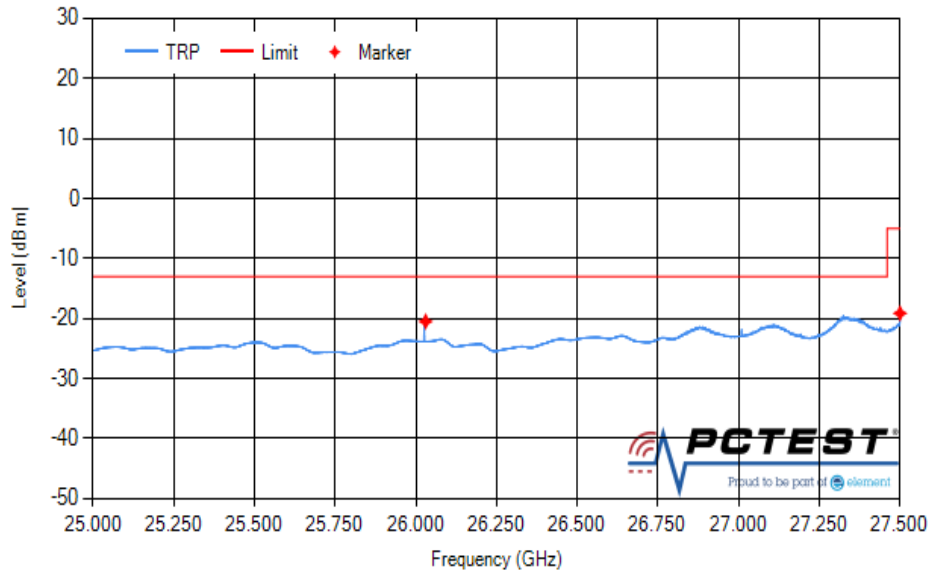
Plot 7-355. RSE 18 GHz – 27.5 GHz (100 MHz BW 4CC NC QPSK Mid Ant. Angle 135)



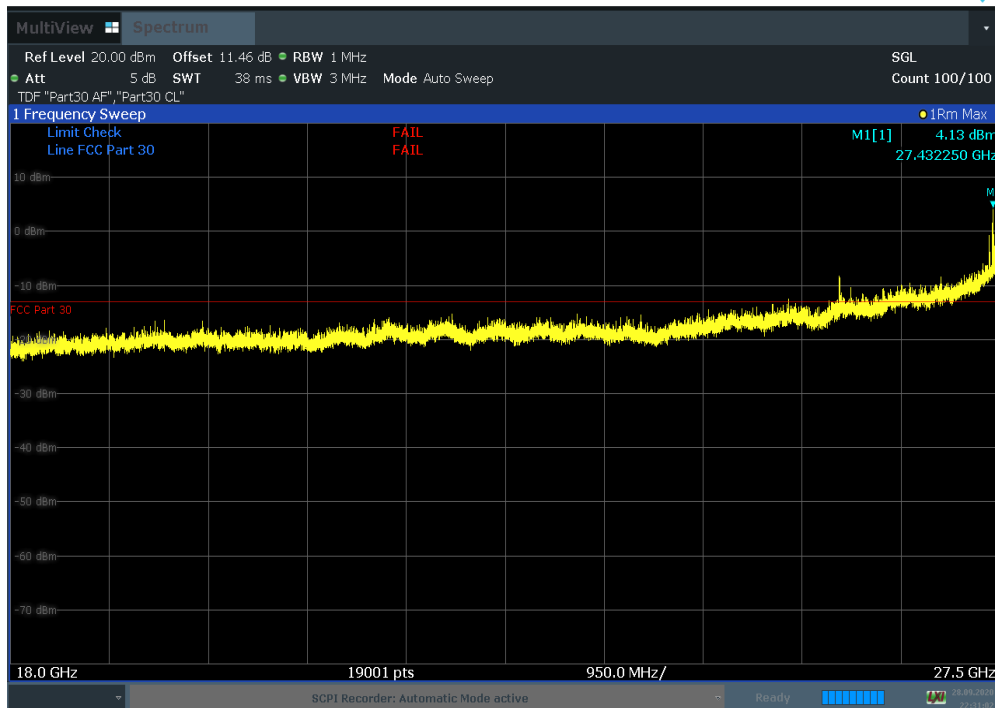
Plot 7-356. RSE 18 GHz – 27.5 GHz (100 MHz BW 4CC NC QPSK Mid Ant. Angle 135, Final)

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 238 of 466

1st Marker Frequency: 27.500 GHz Margin: 14.13 dB
2nd Marker Frequency: 26.030 GHz Margin: 7.49 dB

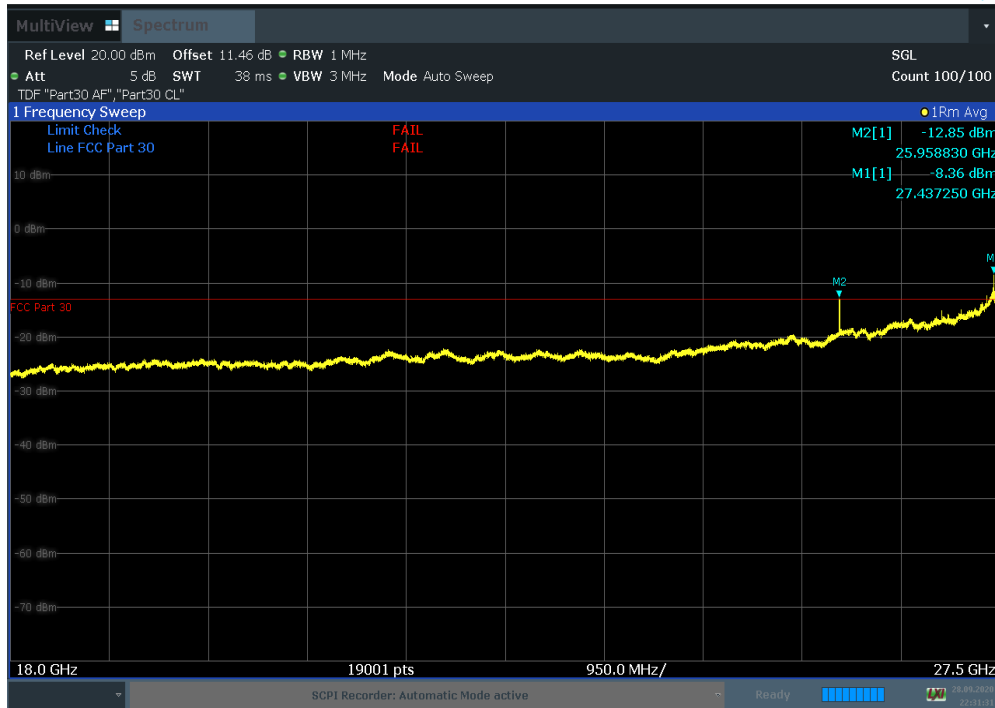


Plot 7-357. RSE 25 GHz – 27.5 GHz (100 MHz BW 4CC NC QPSK Mid TRP)

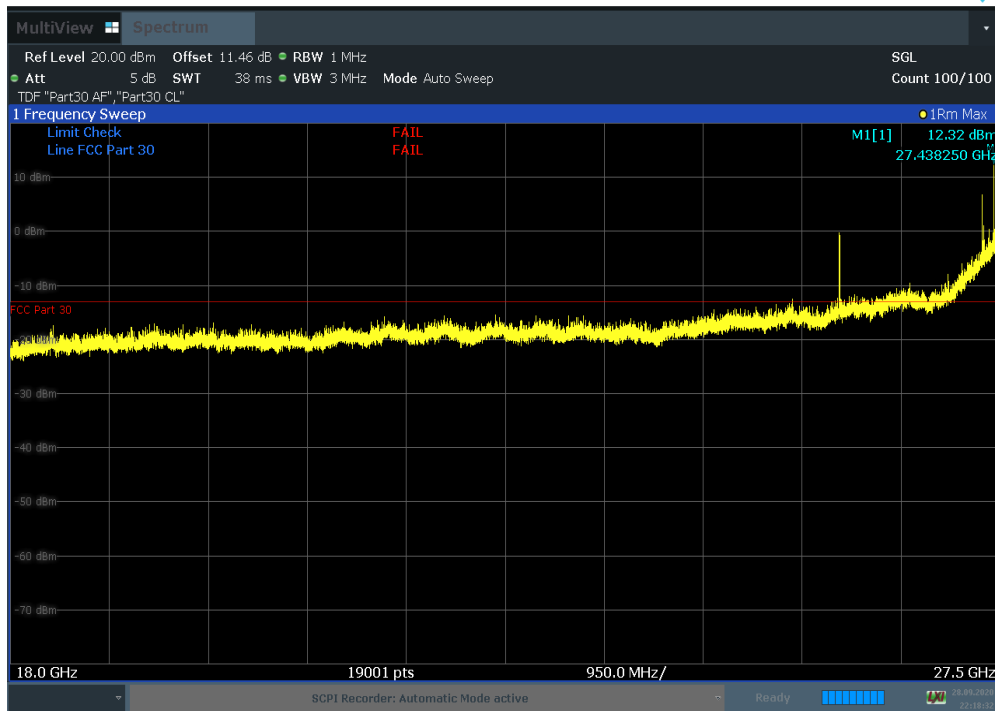


Plot 7-358. RSE 18 GHz – 27.5 GHz (100 MHz BW 8CC CC QPSK Mid Ant. Angle 45)

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 239 of 466

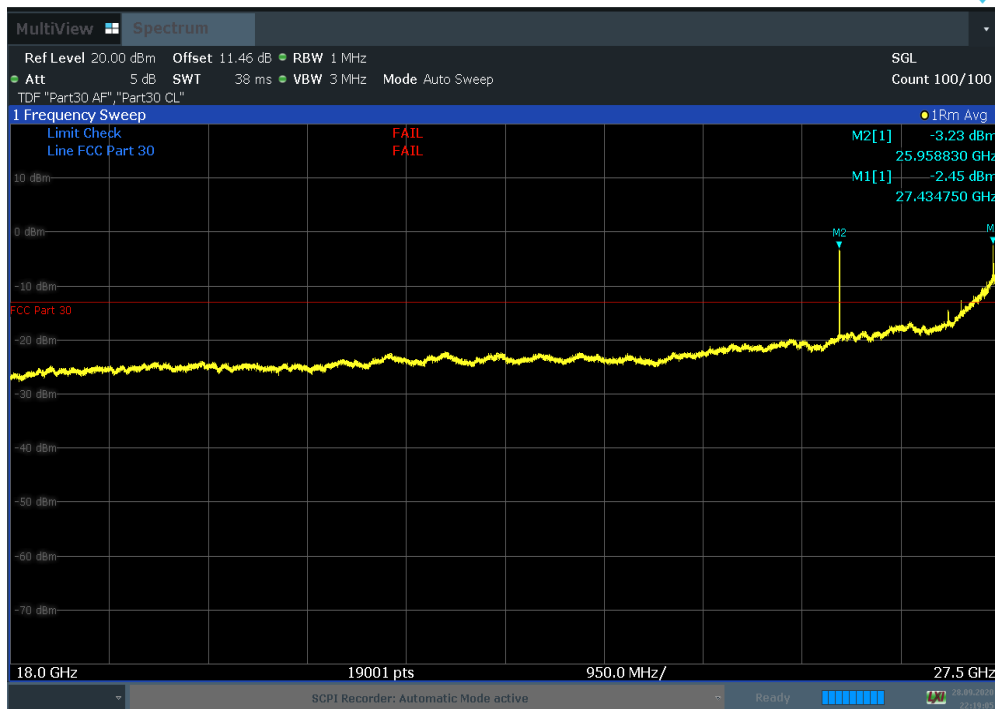


Plot 7-359. RSE 18 GHz – 27.5 GHz (100 MHz BW 8CC CC QPSK Mid Ant. Angle 45, Final)

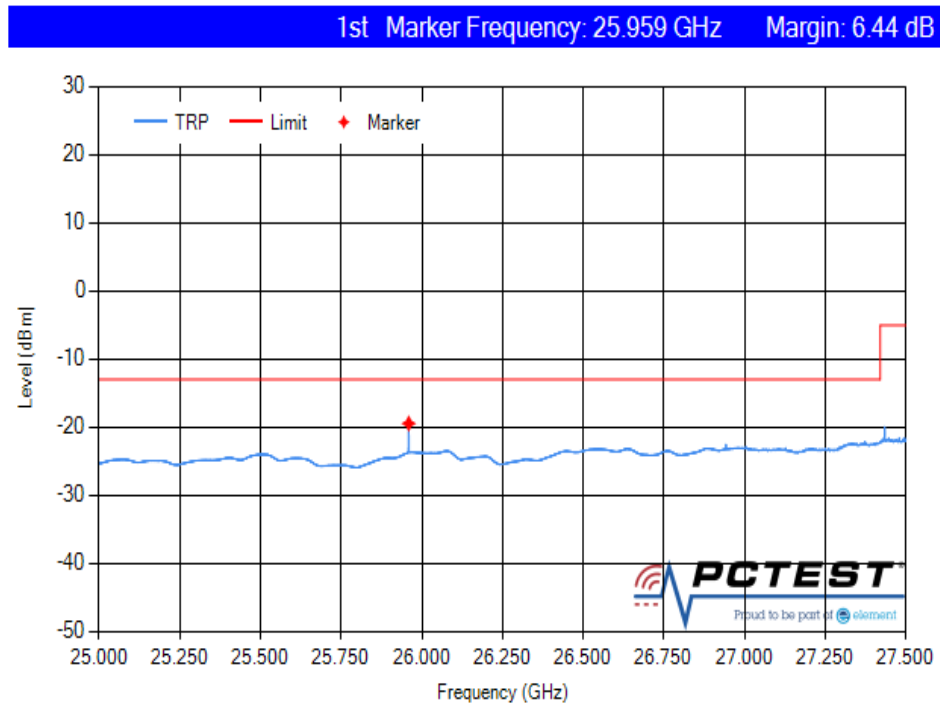


Plot 7-360. RSE 18 GHz – 27.5 GHz (100 MHz BW 8CC CC QPSK Mid Ant. Angle 135)

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 240 of 466

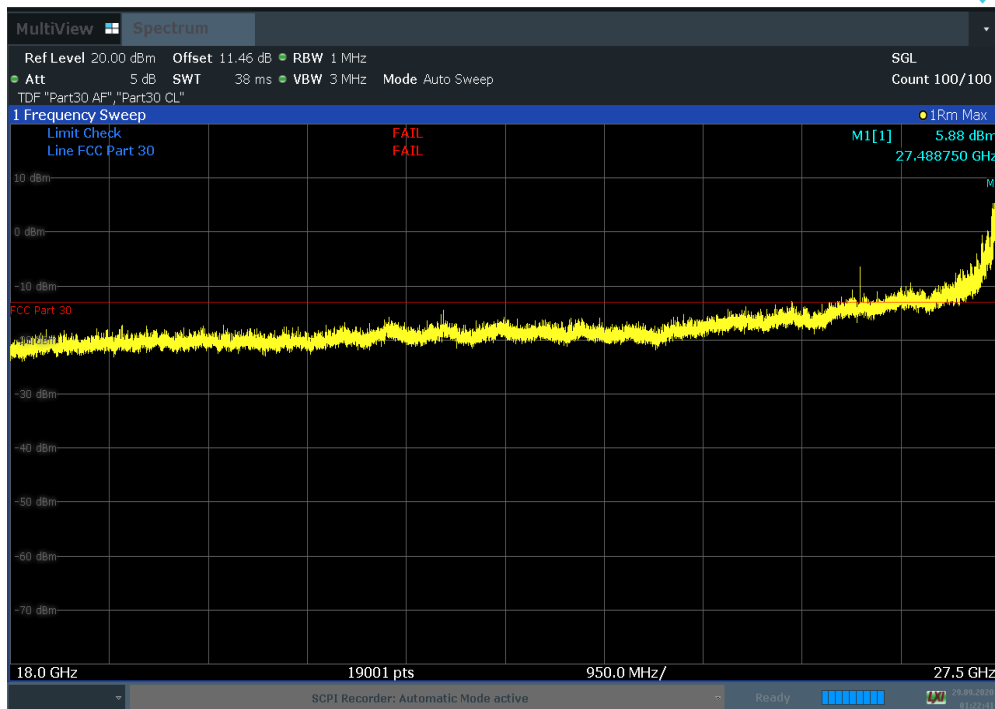


Plot 7-361. RSE 18 GHz – 27.5 GHz (100 MHz BW 8CC CC QPSK Mid Ant. Angle 135, Final)

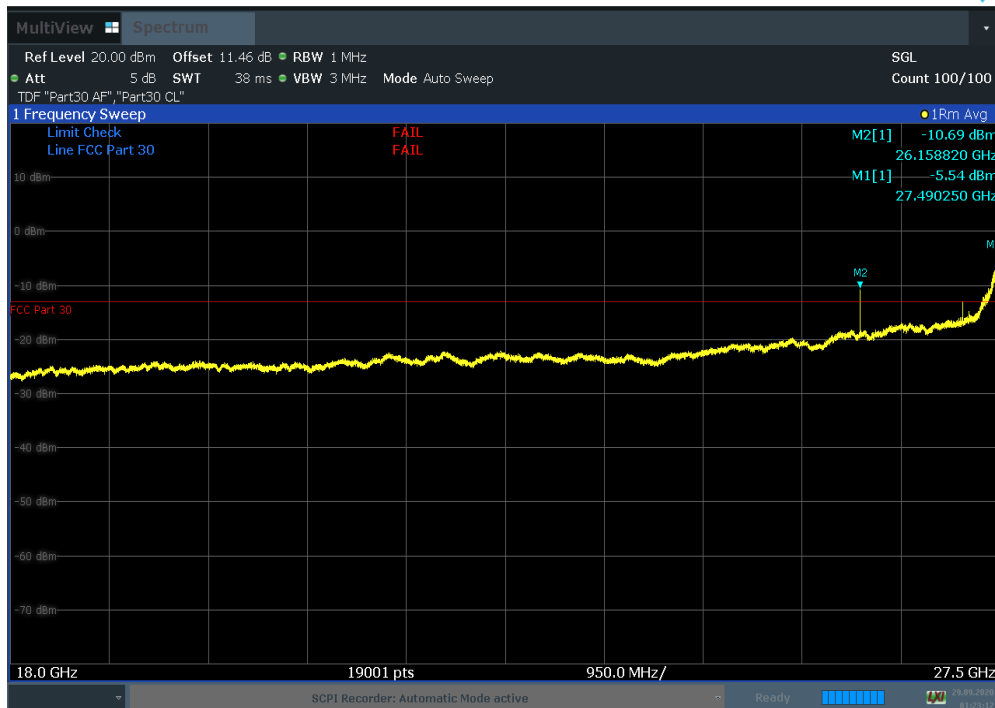


Plot 7-362. RSE 2.5 GHz – 27.5 GHz (100 MHz BW 8CC CC QPSK Mid TRP)

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 241 of 466

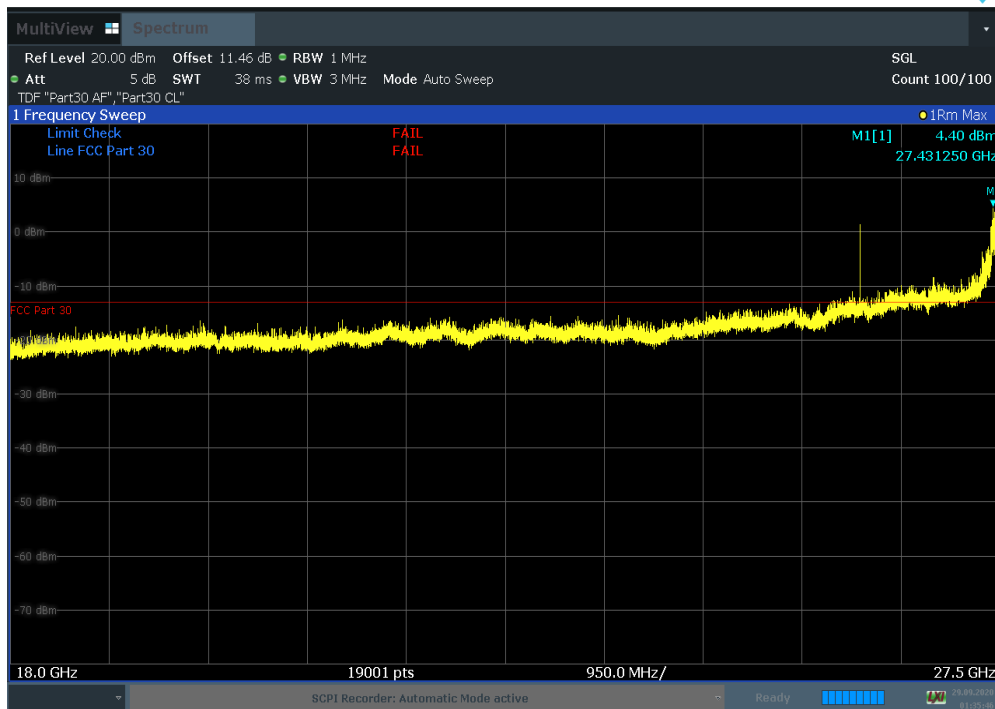


Plot 7-363. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
Mid Ant. Angle 45)

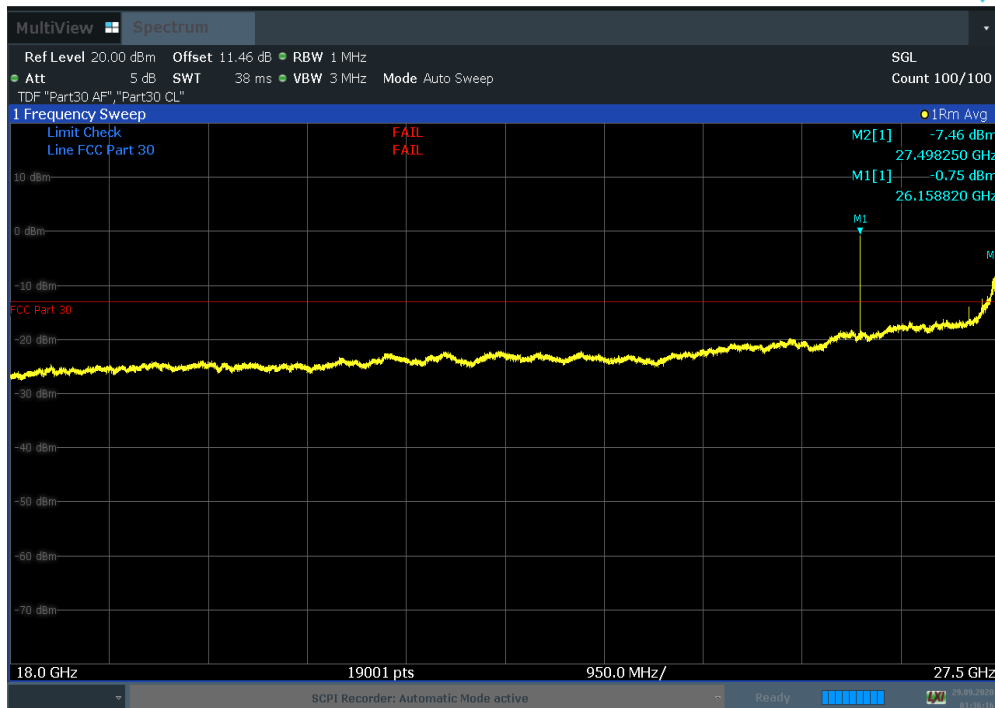


Plot 7-364. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
Mid Ant. Angle 45, Final)

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 242 of 466

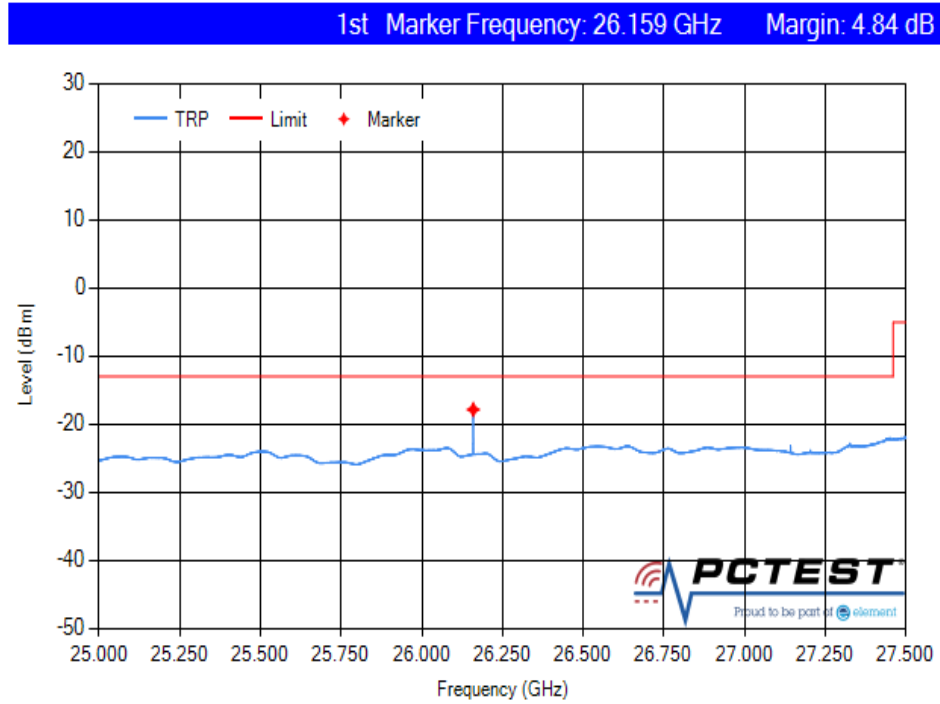


Plot 7-365. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
Mid Ant. Angle 135)

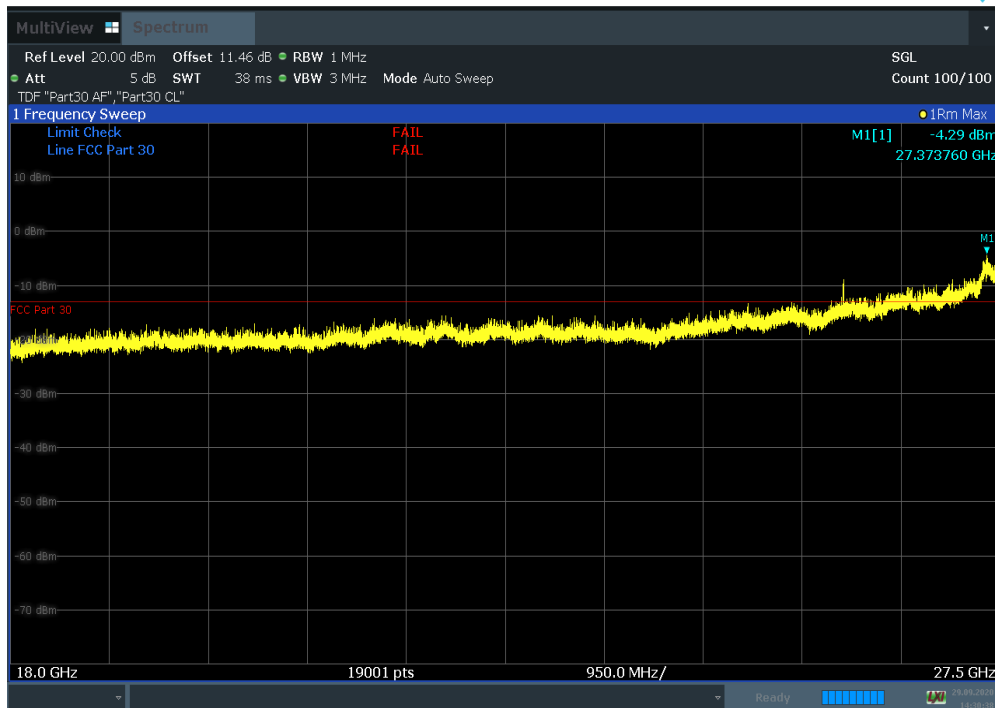


Plot 7-366. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
Mid Ant. Angle 135, Final)

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 243 of 466

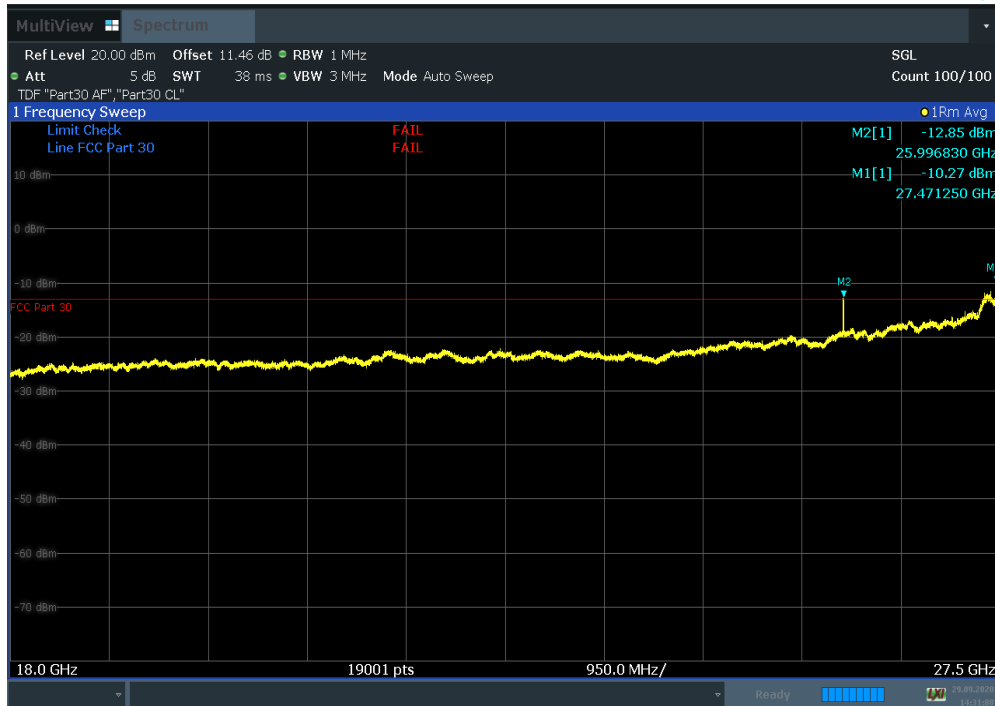


Plot 7-367. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Mid TRP)

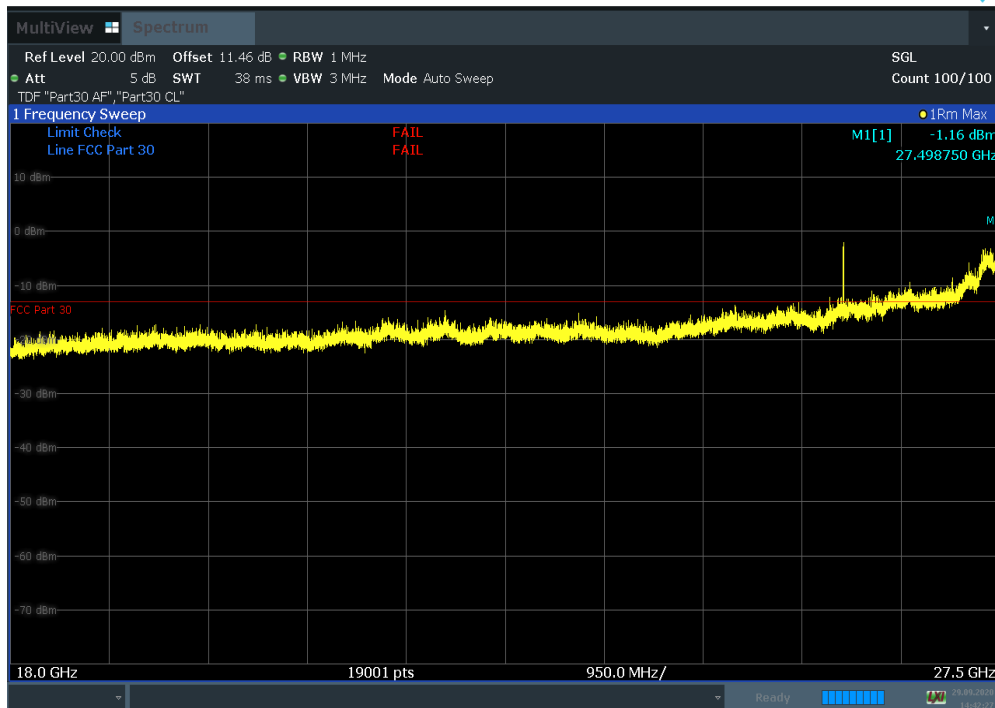


Plot 7-368. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Mid Ant. Angle 45)

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 244 of 466

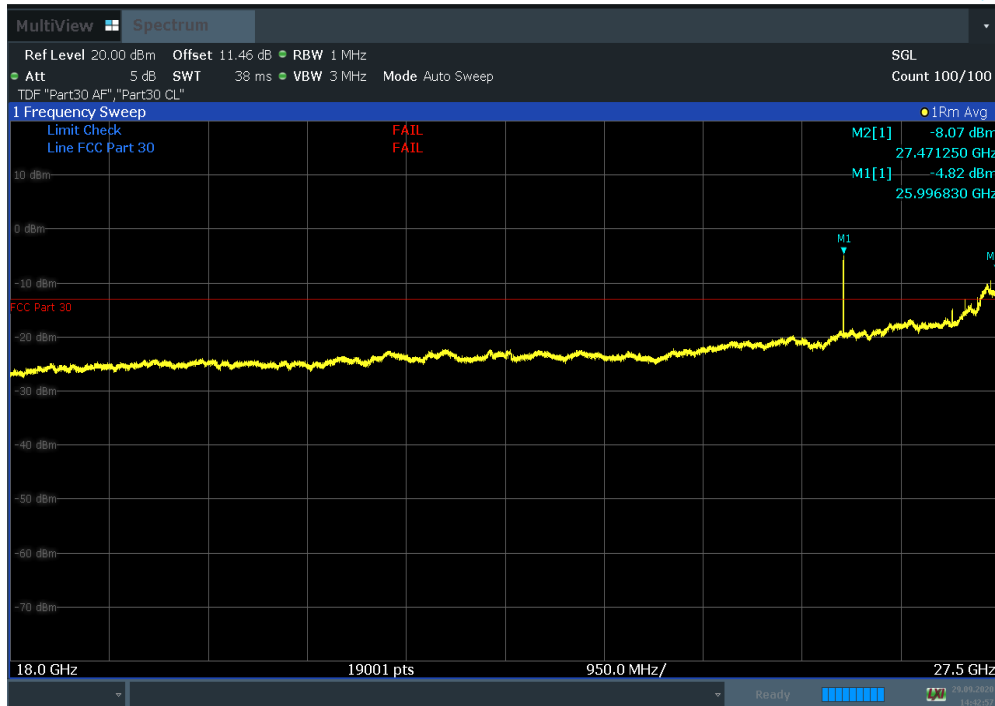


Plot 7-369. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK
Mid Ant. Angle 45, Final)

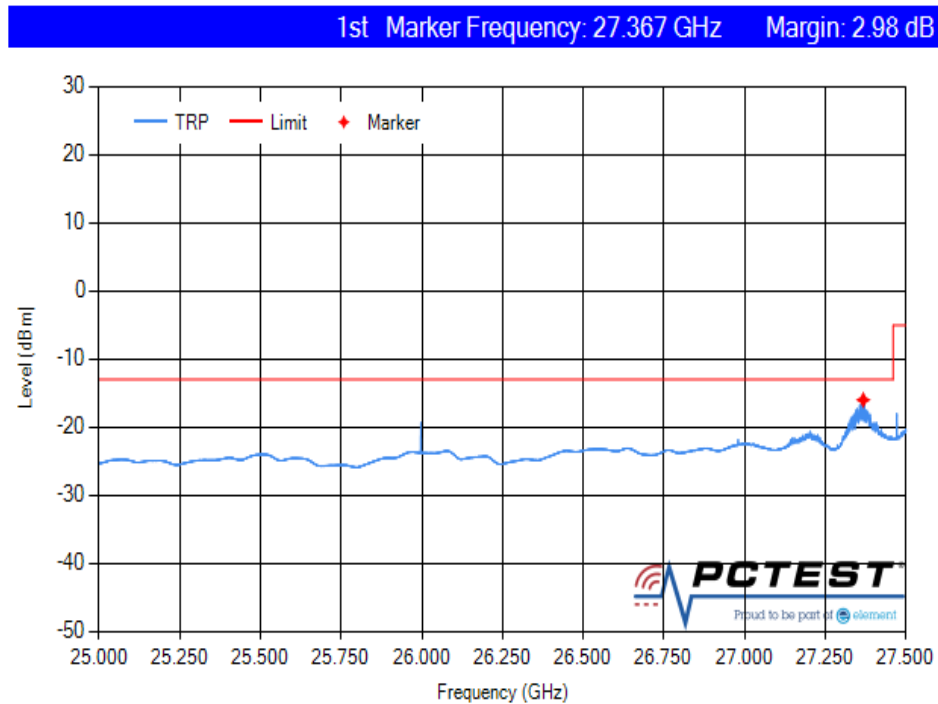


Plot 7-370. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK
Mid Ant. Angle 135)

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 245 of 466

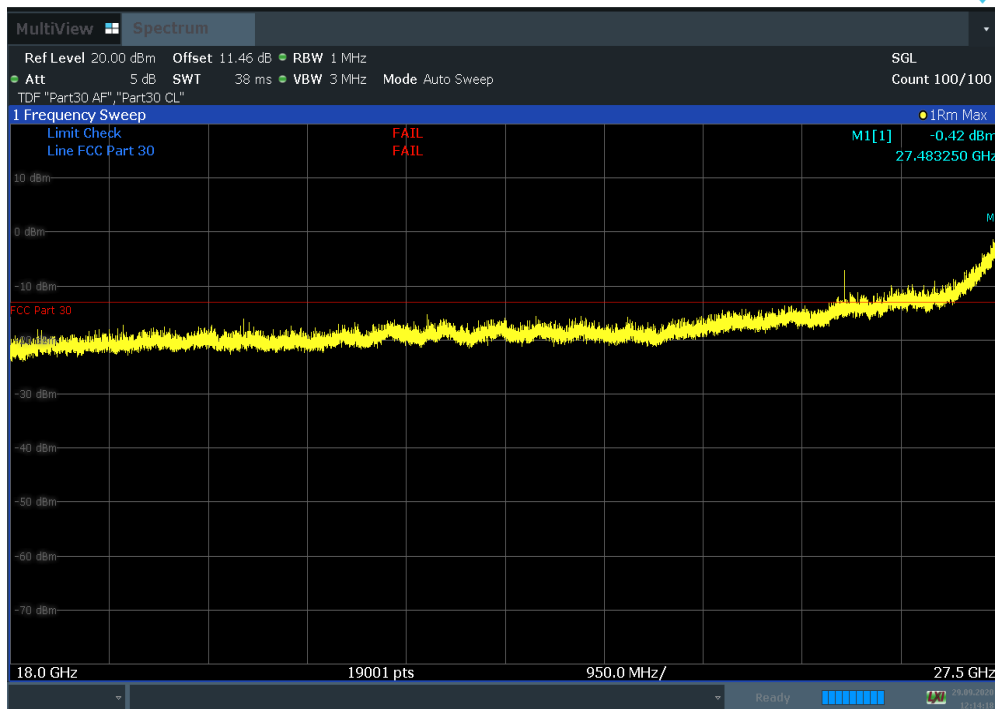


Plot 7-371. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK
Mid Ant. Angle 135, Final)

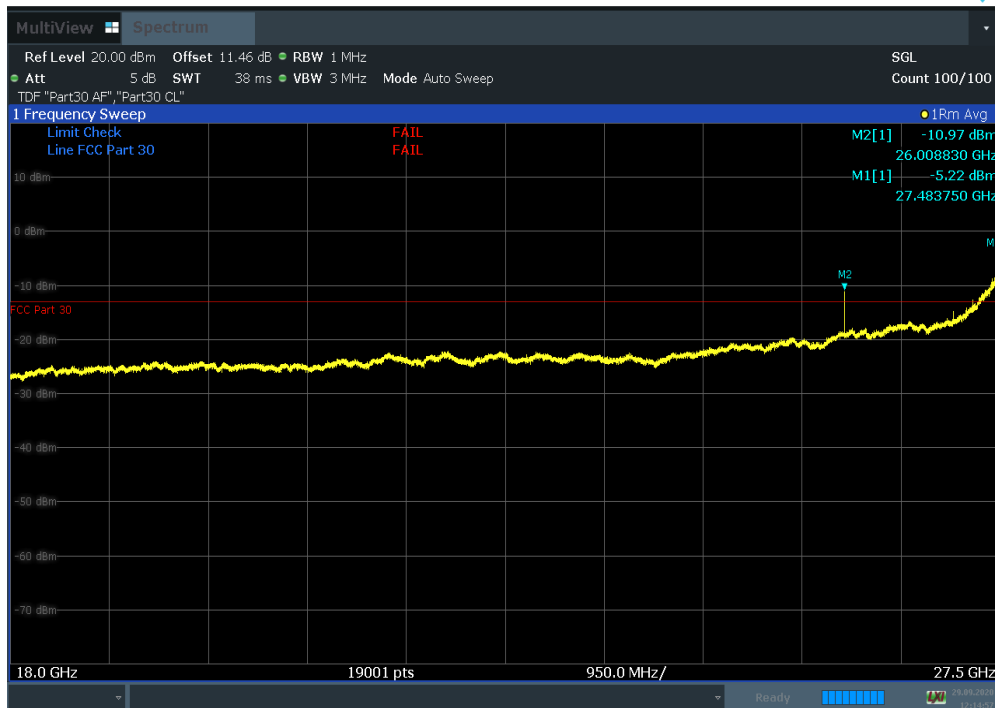


Plot 7-372. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK
Mid TRP)

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 246 of 466

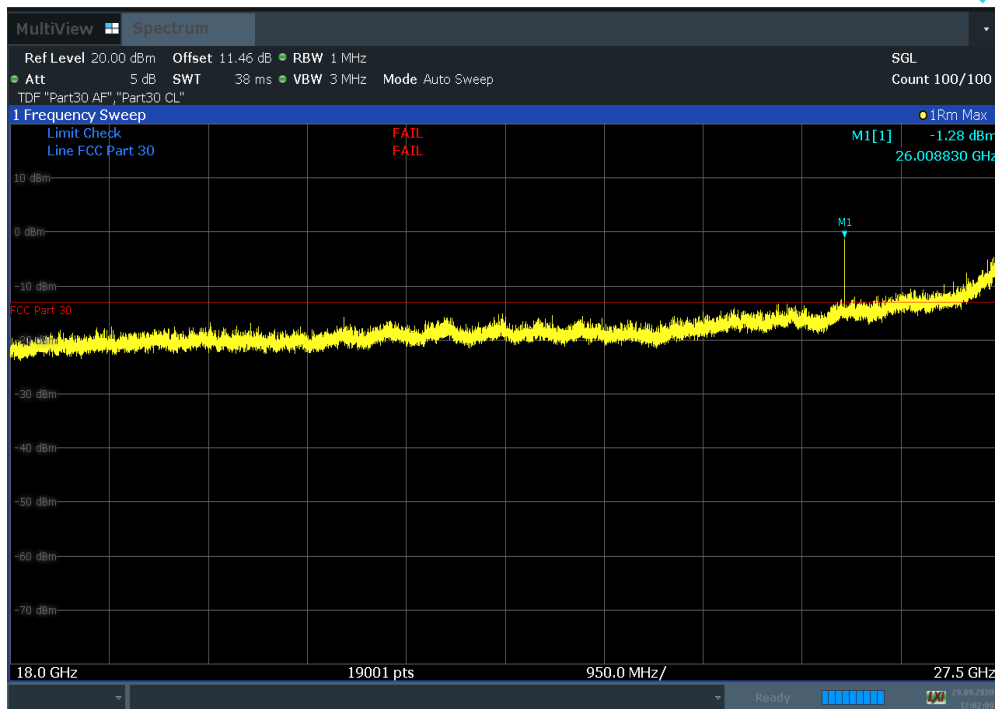


Plot 7-373. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
Mid Ant. Angle 45)

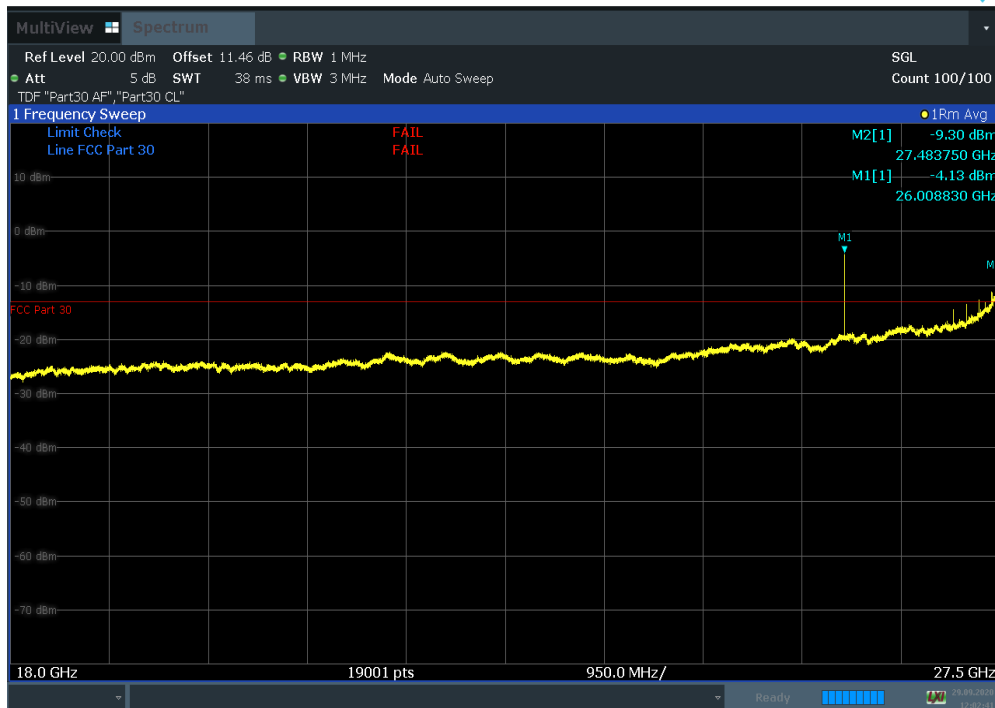


Plot 7-374. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
Mid Ant. Angle 45, Final)

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 247 of 466

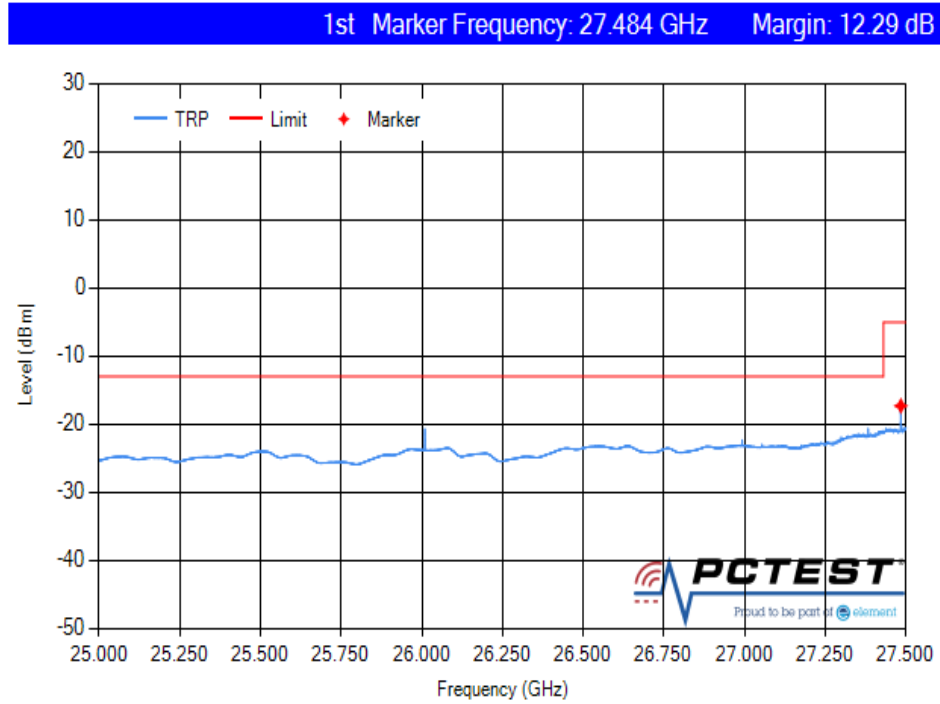


Plot 7-375. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
Mid Ant. Angle 135)

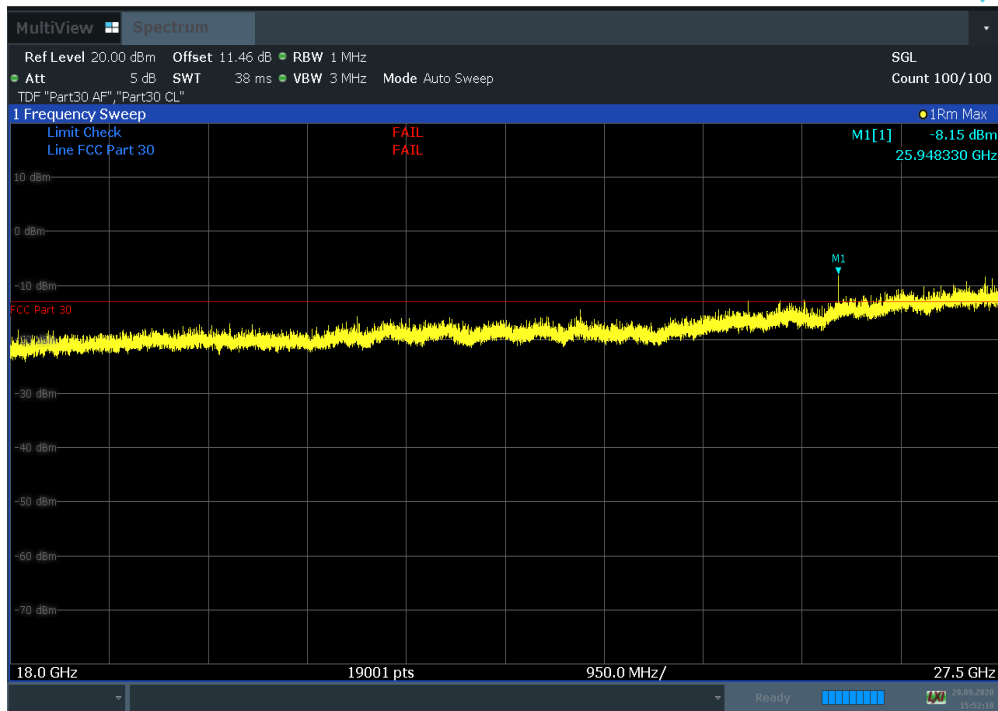


Plot 7-376. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
Mid Ant. Angle 135, Final)

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 248 of 466

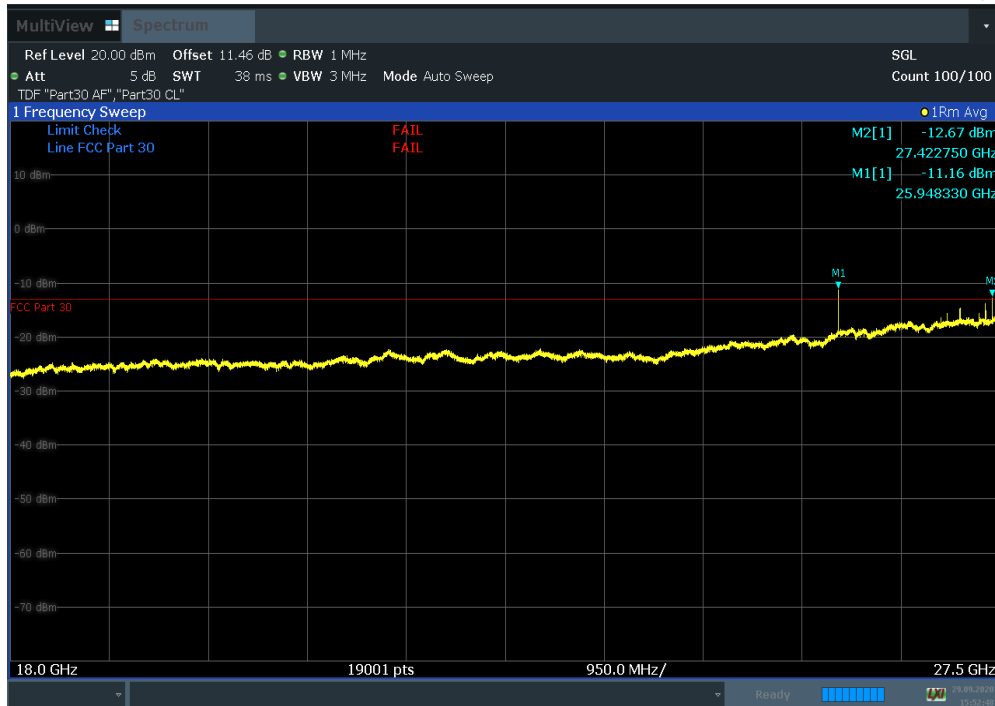


Plot 7-377. RSE 25 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Mid TRP)

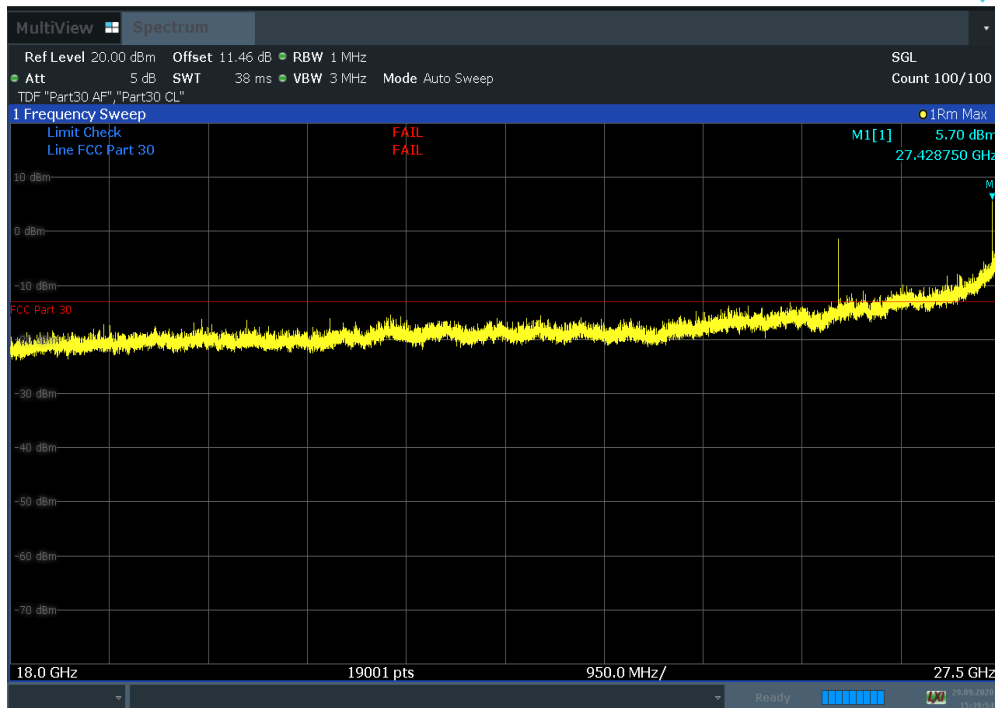


Plot 7-378. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Mid Ant. Angle 45)

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 249 of 466

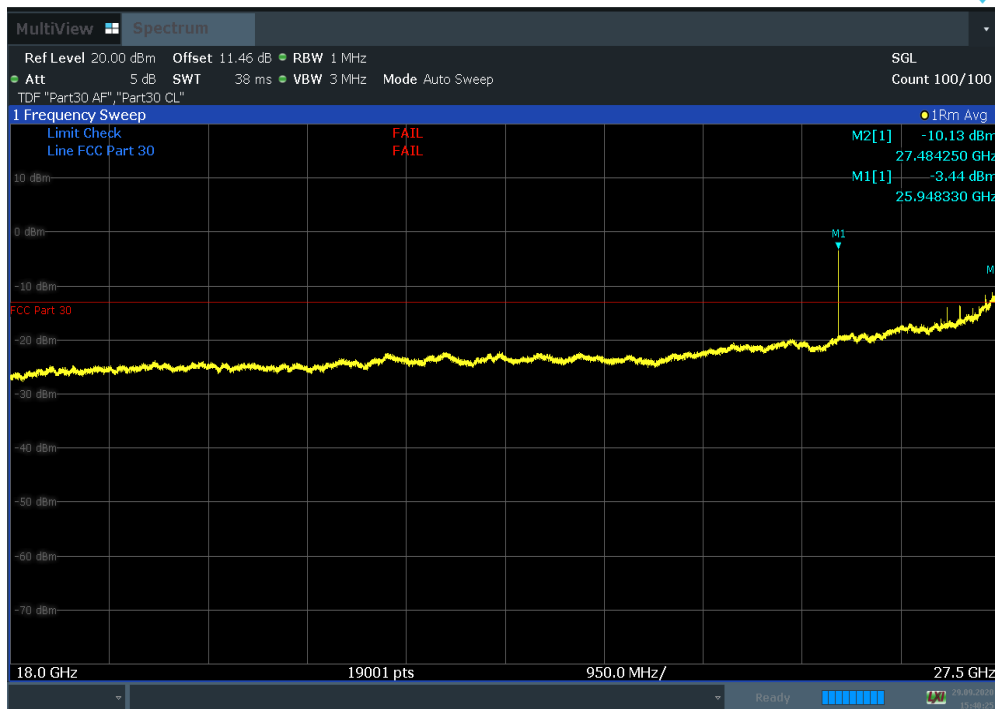


Plot 7-379. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
Mid Ant. Angle 45, Final)



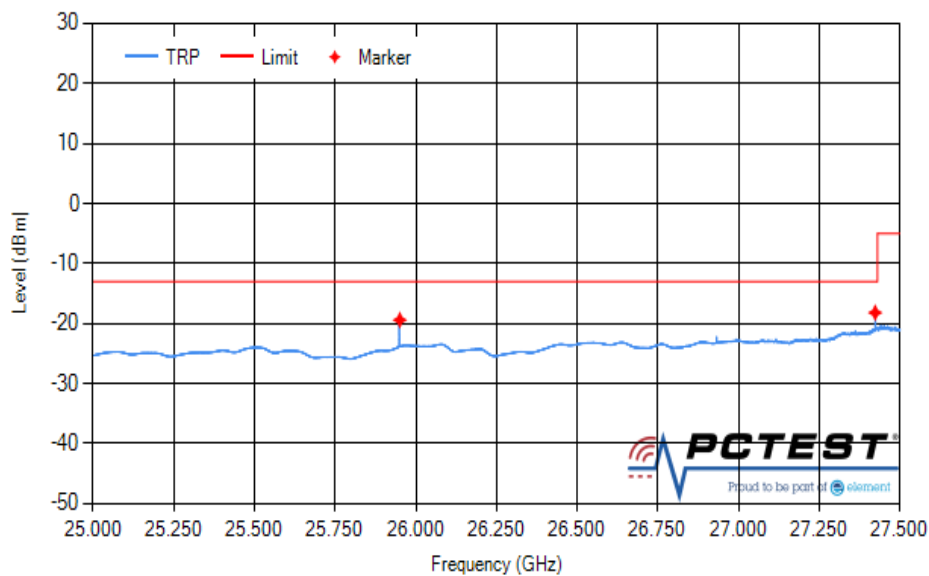
Plot 7-380. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
Mid Ant. Angle 135, Final)

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 250 of 466



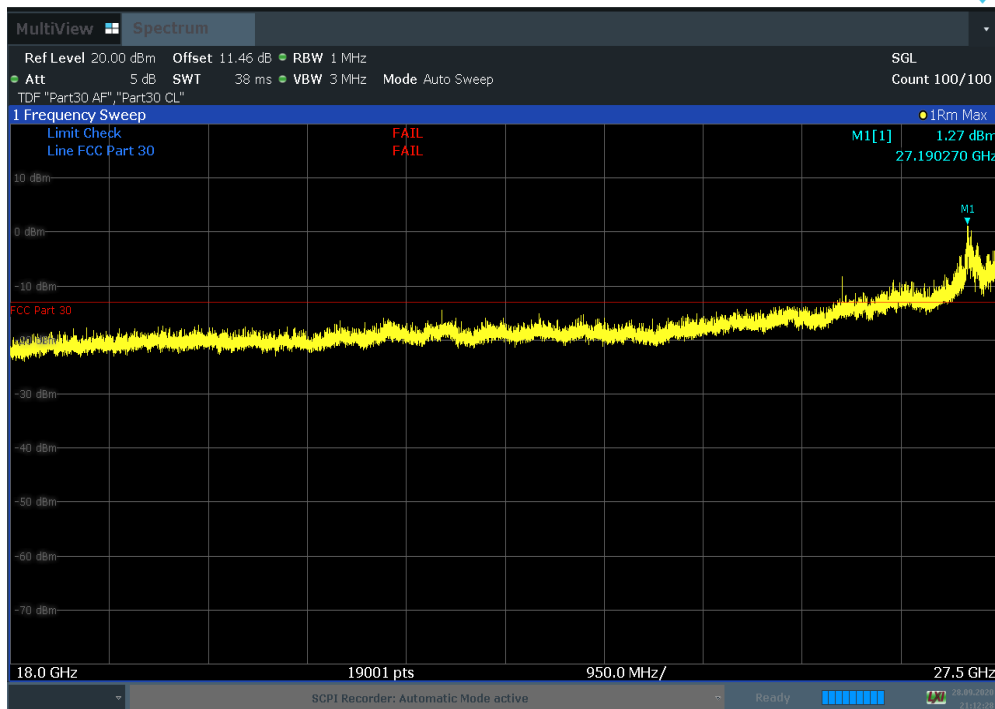
Plot 7-381. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
Mid Ant. Angle 135, Final)

1st Marker Frequency: 27.423 GHz	Margin: 5.19 dB
2nd Marker Frequency: 25.950 GHz	Margin: 6.41 dB

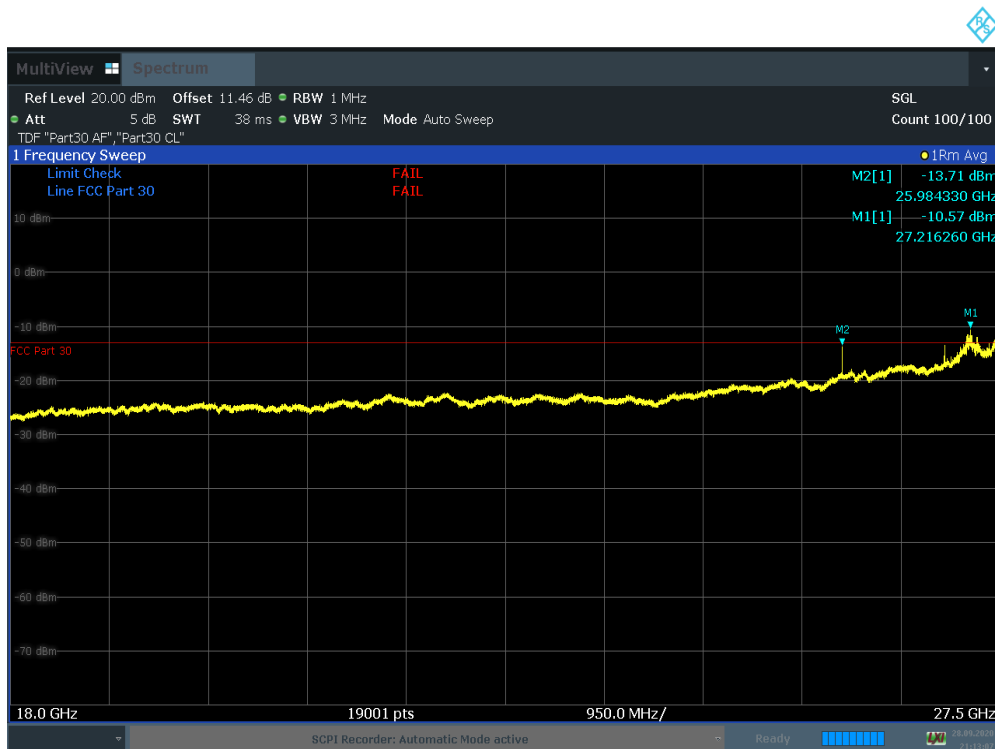


Plot 7-382. RSE 25 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
Mid TRP)

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 251 of 466

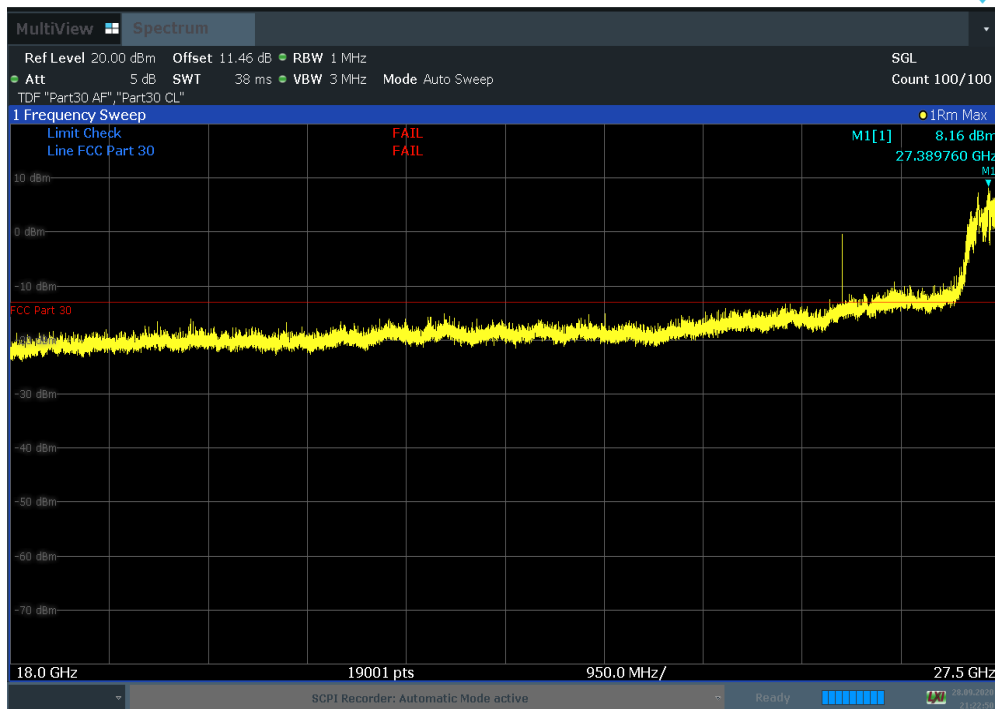


Plot 7-383. RSE 18 GHz – 27.5 GHz (100 MHz BW 4CC CC QPSK High Ant. Angle 45)

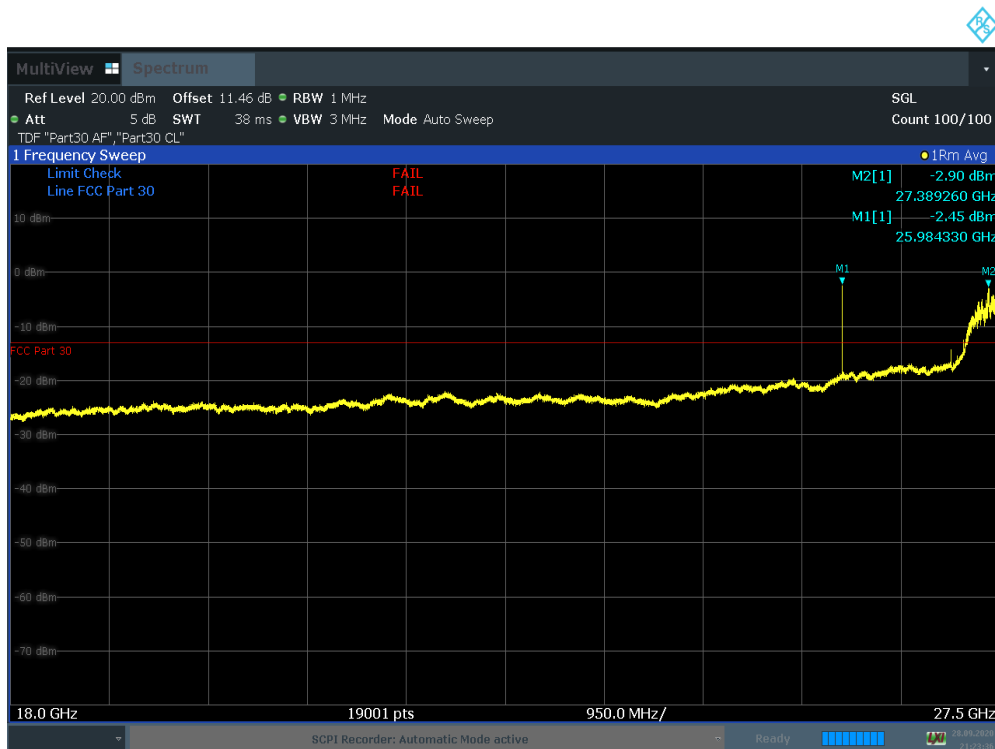


Plot 7-384. RSE 18 GHz – 27.5 GHz (100 MHz BW 4CC CC QPSK High Ant. Angle 45, Final)

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 252 of 466

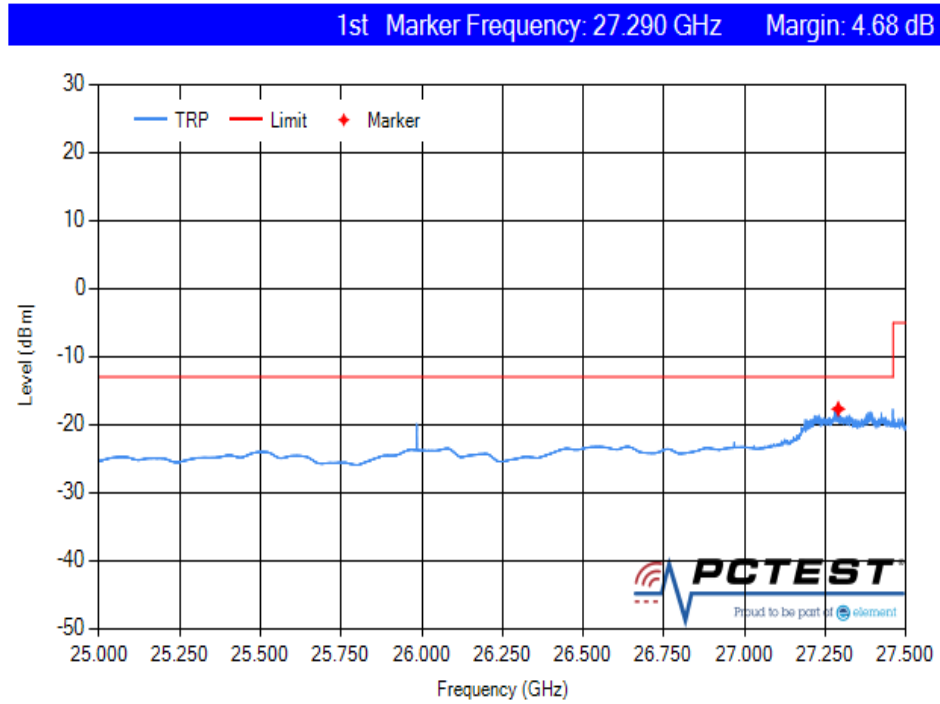


Plot 7-385. RSE 18 GHz – 27.5 GHz (100 MHz BW 4CC CC QPSK High Ant. Angle 135)

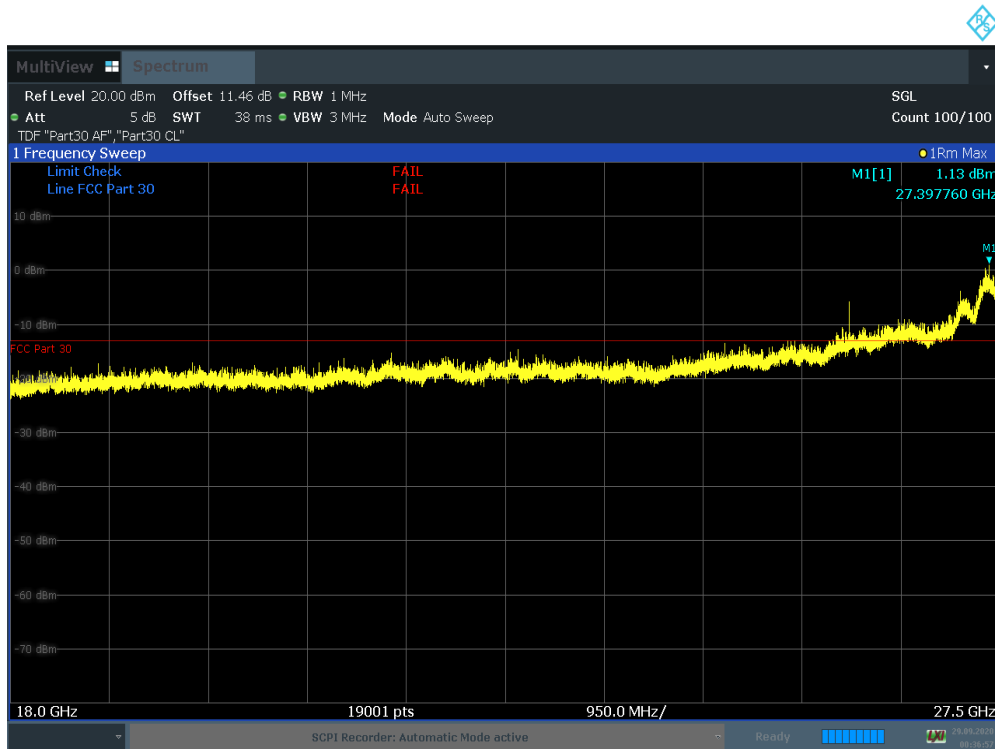


Plot 7-386. RSE 18 GHz – 27.5 GHz (100 MHz BW 4CC CC QPSK High Ant. Angle 135, Final)

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 253 of 466

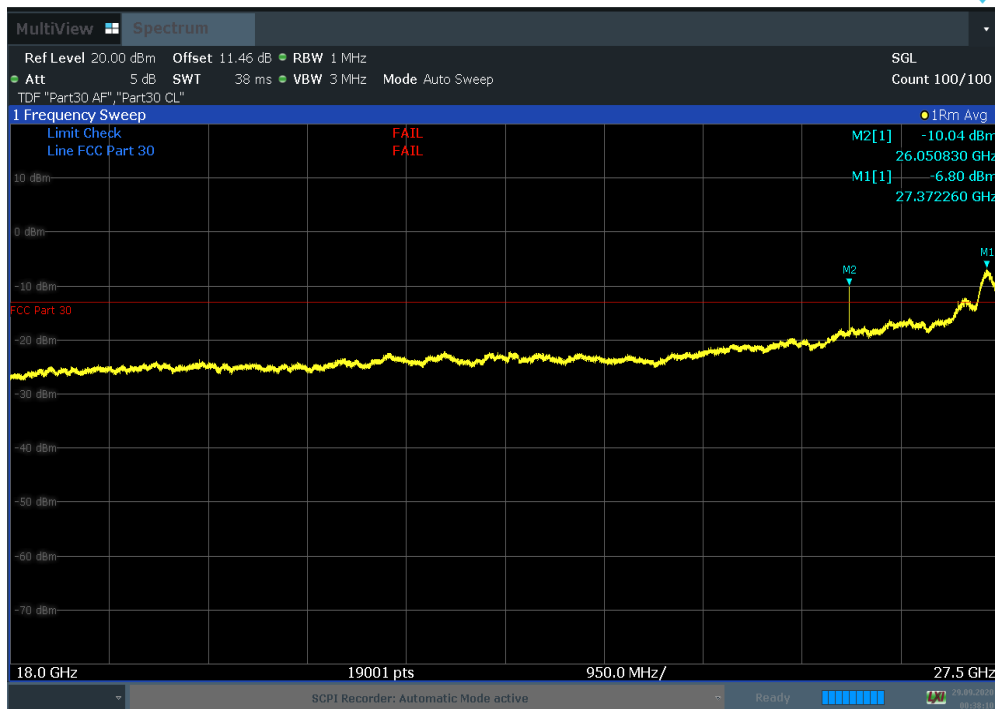


Plot 7-387. RSE 2.5 GHz – 27.5 GHz (100 MHz BW 4CC CC QPSK High TRP)

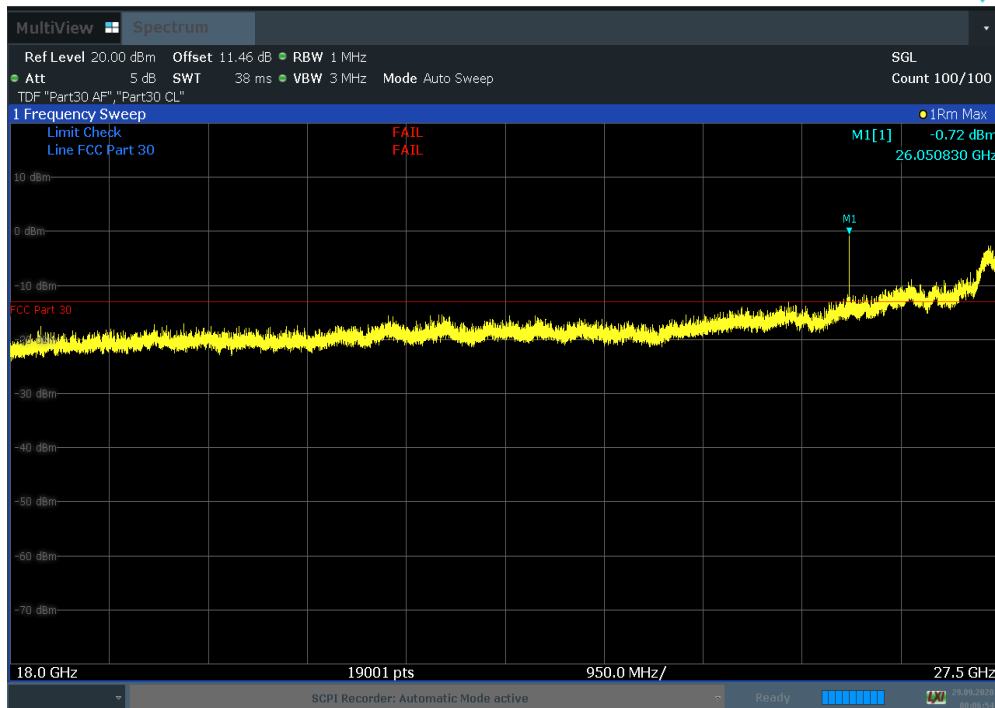


Plot 7-388. RSE 18 GHz – 27.5 GHz (100 MHz BW 4CC NC QPSK High Ant. Angle 45)

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 254 of 466

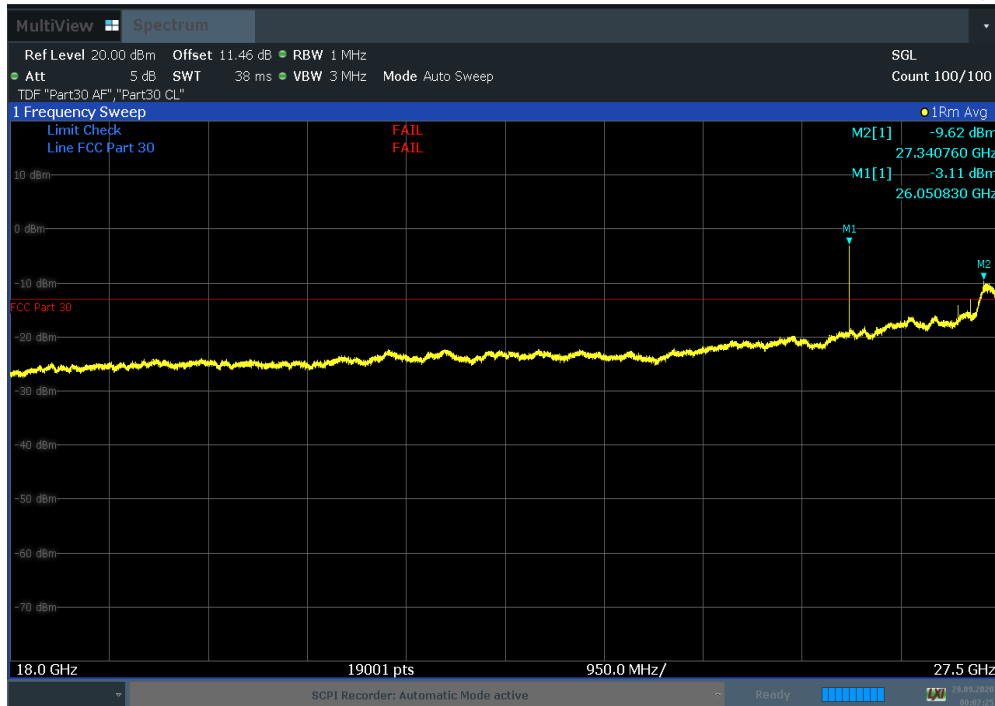


Plot 7-389. RSE 18 GHz – 27.5 GHz (100 MHz BW 4CC NC QPSK High Ant. Angle 45, Final)



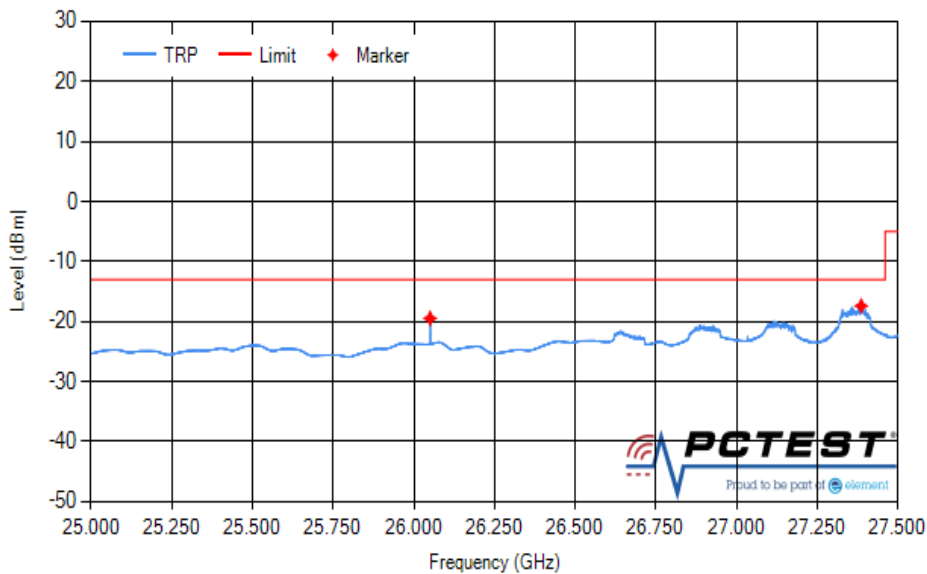
Plot 7-390. RSE 18 GHz – 27.5 GHz (100 MHz BW 4CC NC QPSK High Ant. Angle 135)

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 255 of 466



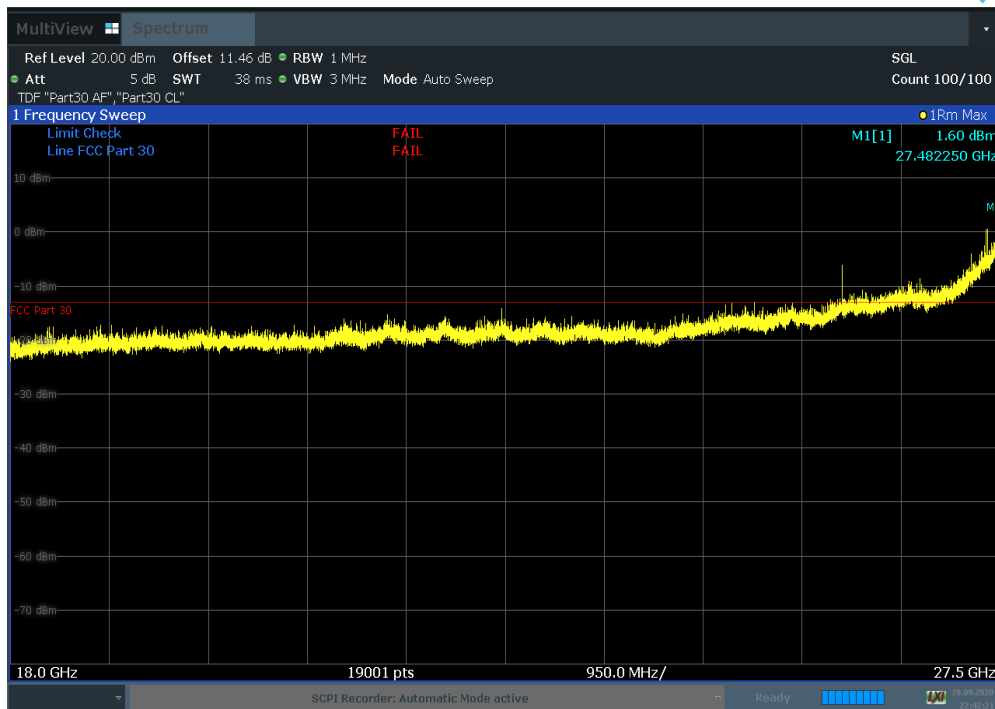
Plot 7-391. RSE 18 GHz – 27.5 GHz (100 MHz BW 4CC NC QPSK High Ant. Angle 135, Final)

1st Marker Frequency: 27.386 GHz Margin: 4.4 dB
2nd Marker Frequency: 26.050 GHz Margin: 6.46 dB

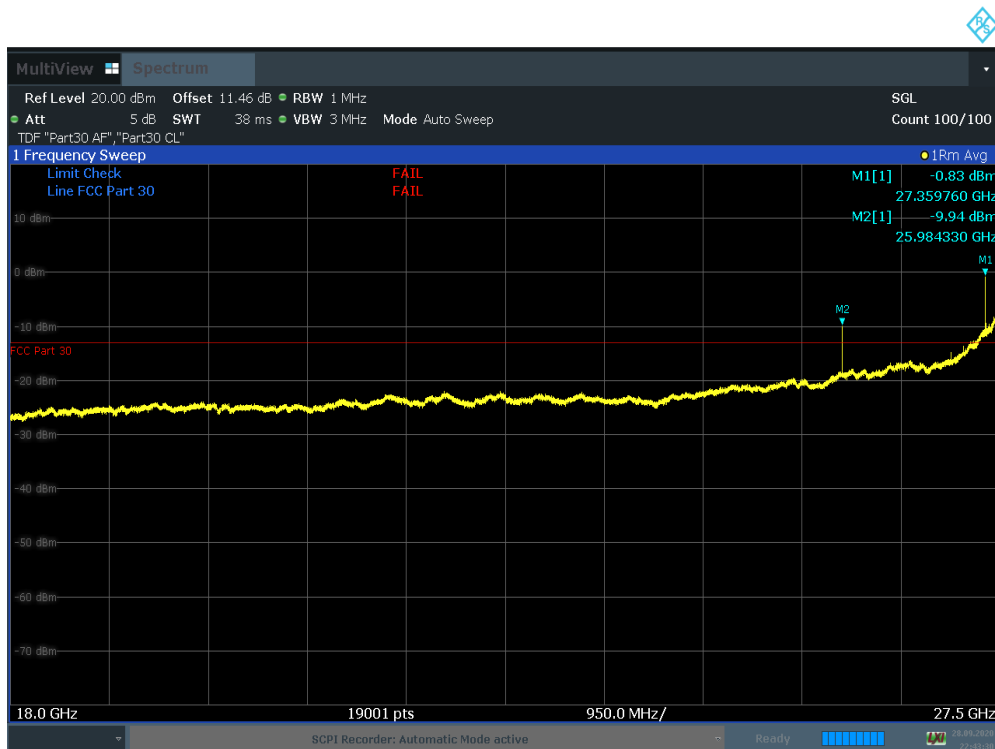


Plot 7-392. RSE 2.5 GHz – 27.5 GHz (100 MHz BW 4CC NC QPSK High TRP)

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 256 of 466

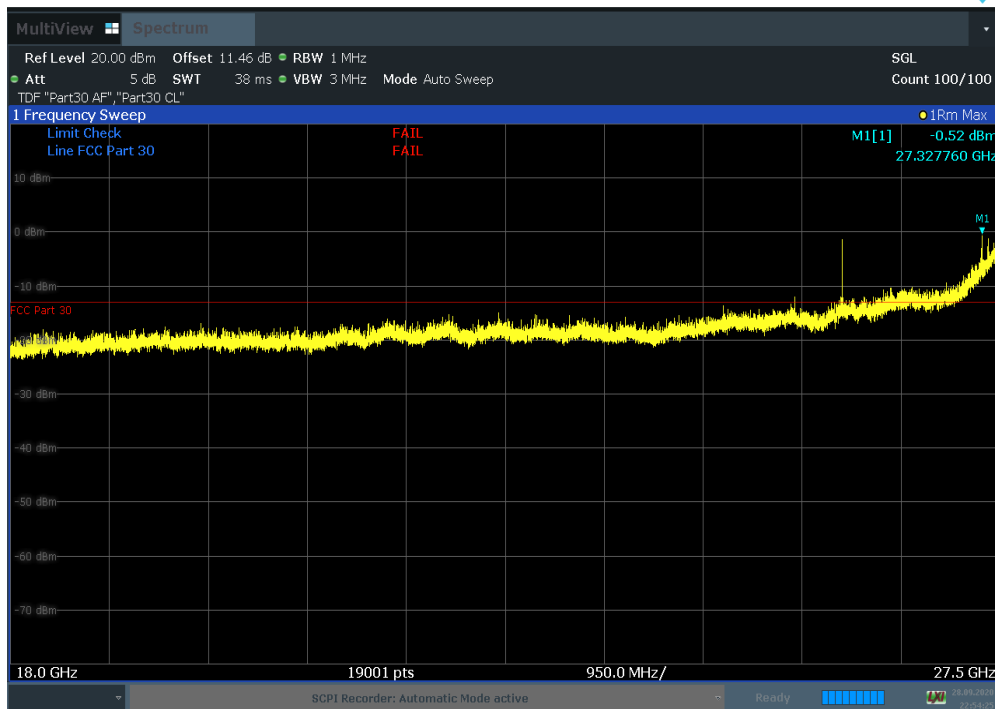


Plot 7-393. RSE 18 GHz – 27.5 GHz (100 MHz BW 8CC CC QPSK High Ant. Angle 45)

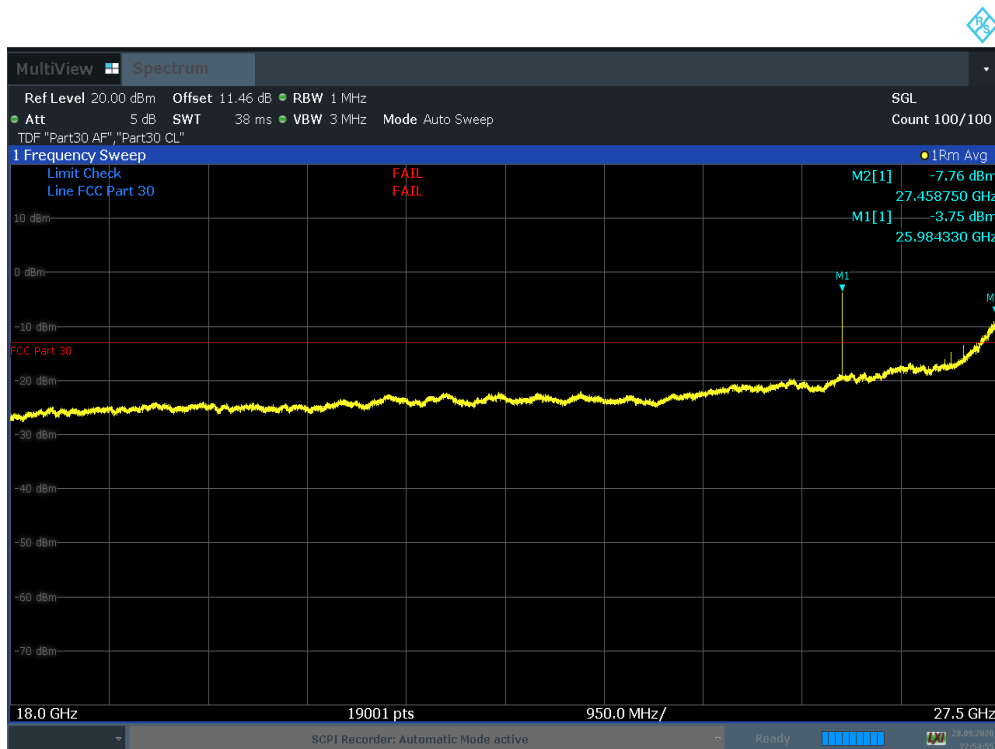


Plot 7-394. RSE 18 GHz – 27.5 GHz (100 MHz BW 8CC CC QPSK High Ant. Angle 45, Final)

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 257 of 466

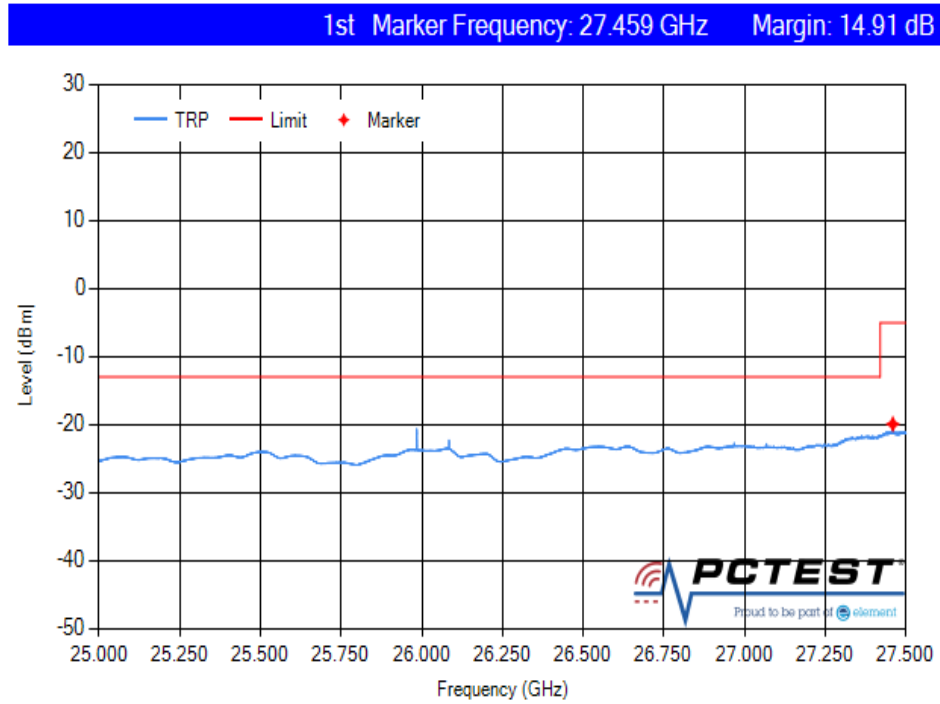


Plot 7-395. RSE 18 GHz – 27.5 GHz (100 MHz BW 8CC CC QPSK High Ant. Angle 135)

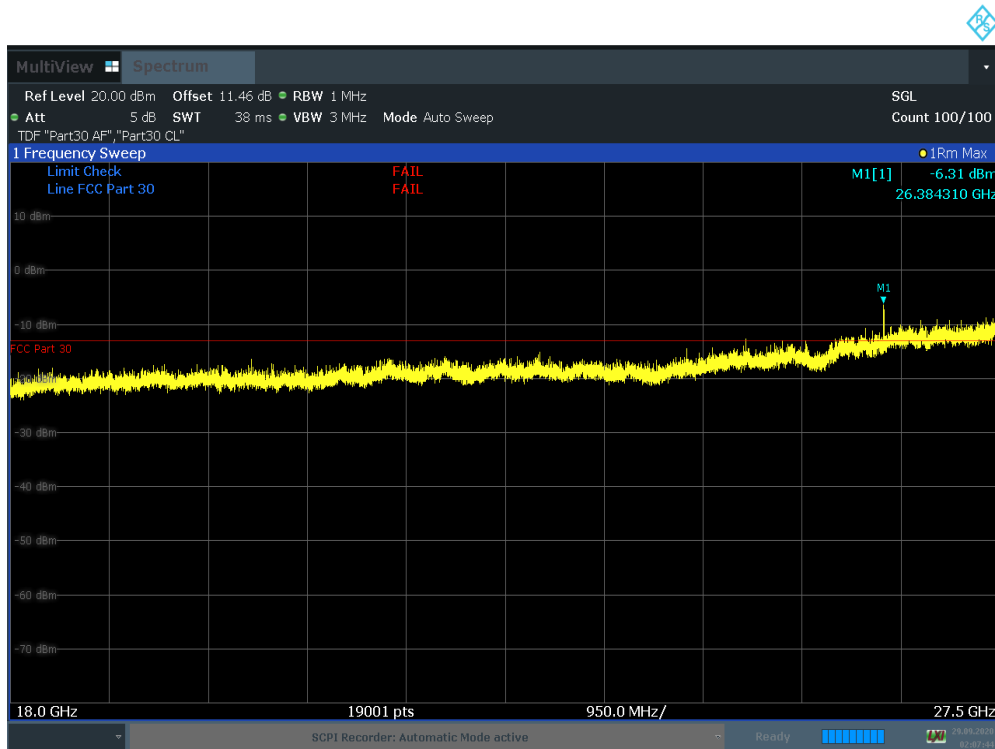


Plot 7-396. RSE 18 GHz – 27.5 GHz (100 MHz BW 8CC CC QPSK High Ant. Angle 135, Final)

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 258 of 466

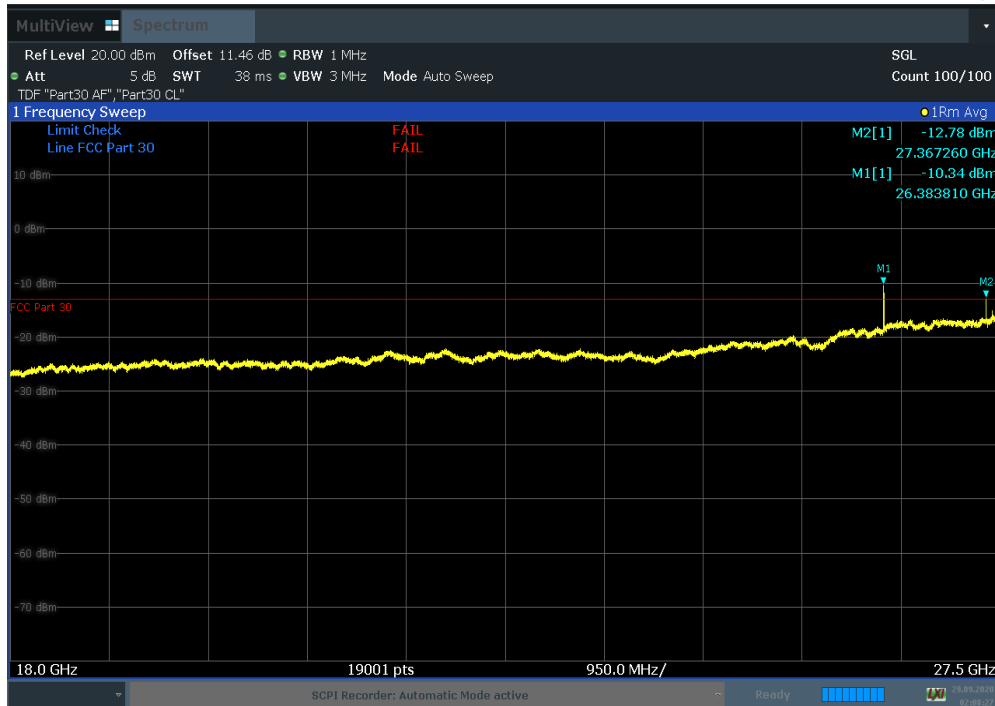


Plot 7-397. RSE 25 GHz – 27.5 GHz (100 MHz BW 8CC CC QPSK High TRP)

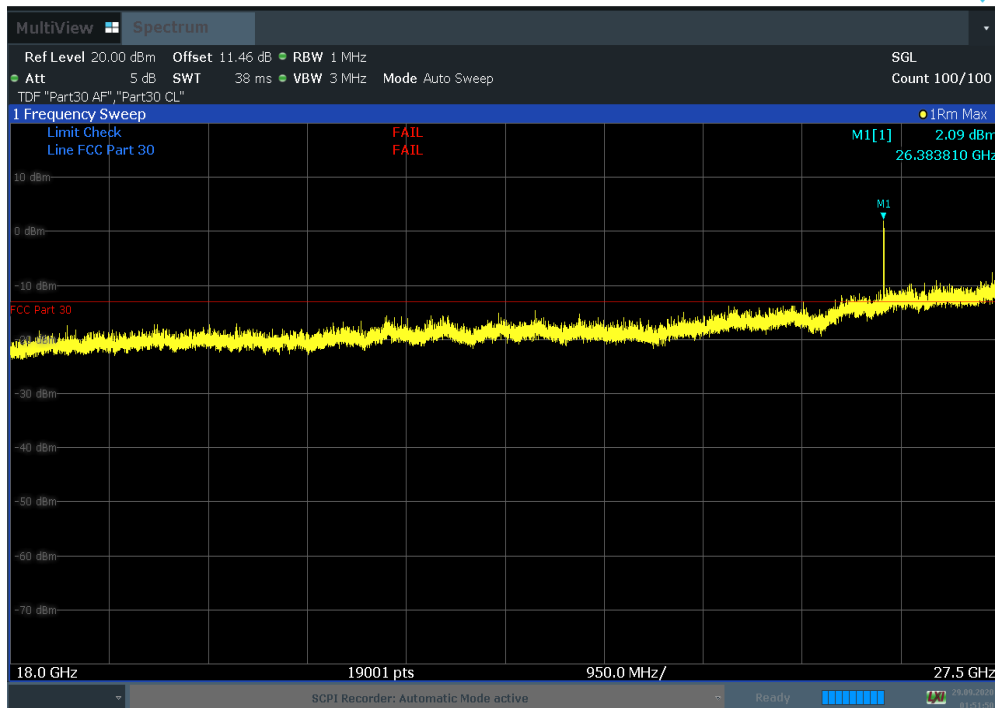


Plot 7-398. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK High Ant. Angle 45)

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 259 of 466

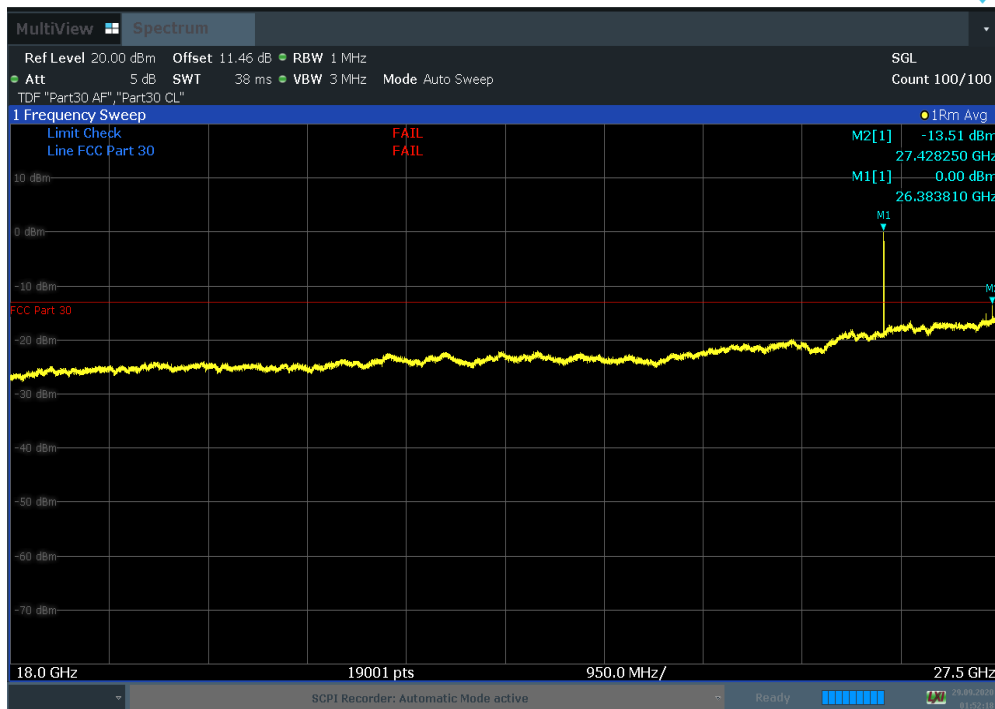


Plot 7-399. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
High Ant. Angle 45, Final)

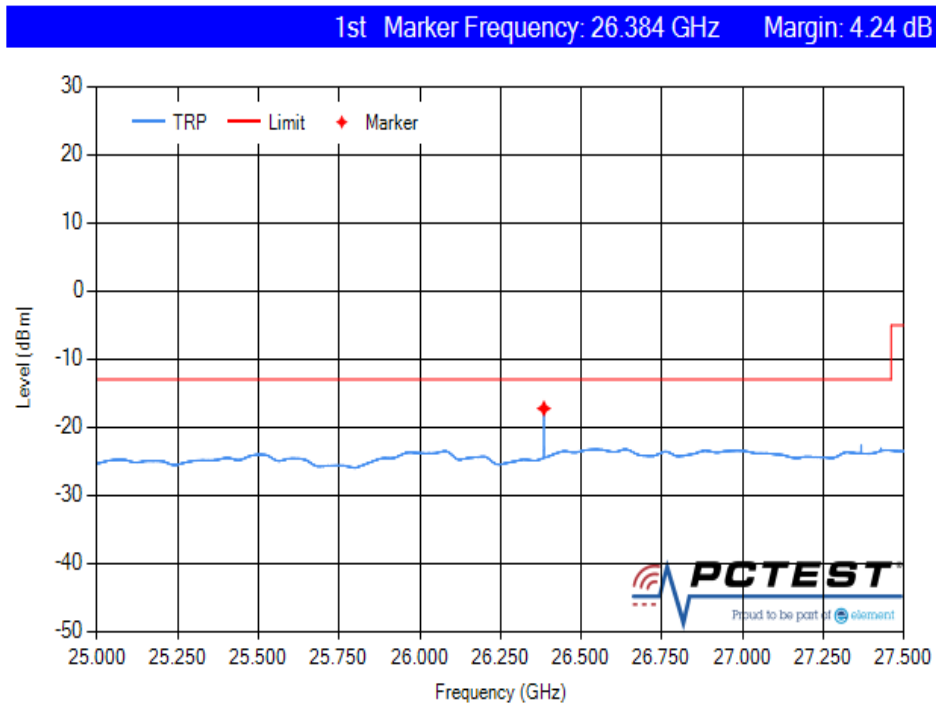


Plot 7-400. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
High Ant. Angle 135)

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 260 of 466

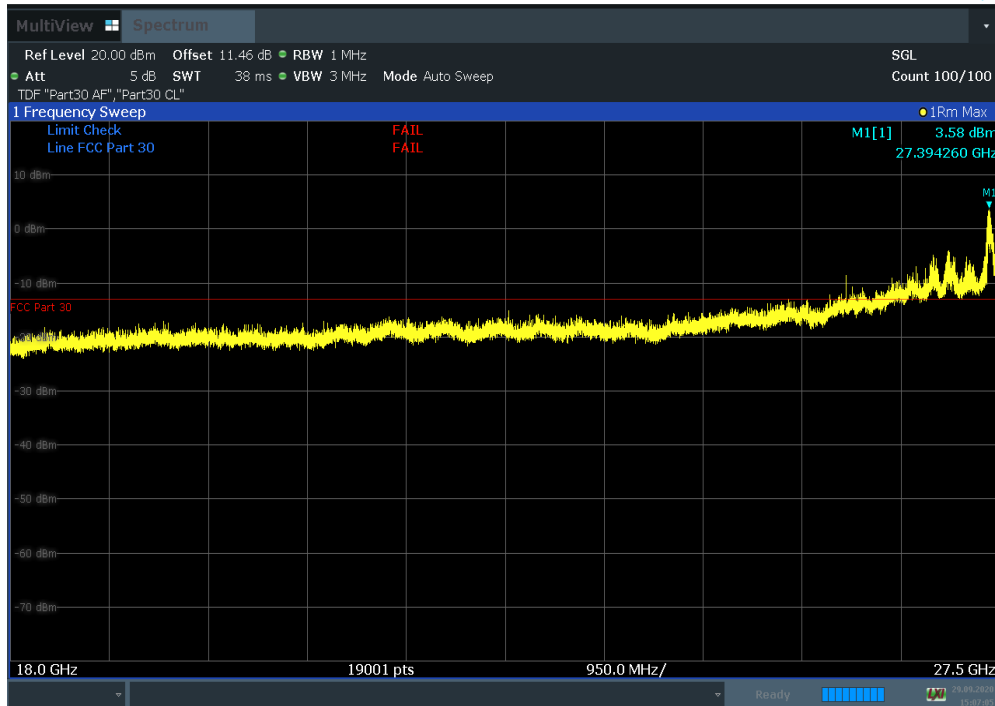


Plot 7-401. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
High Ant. Angle 135, Final)

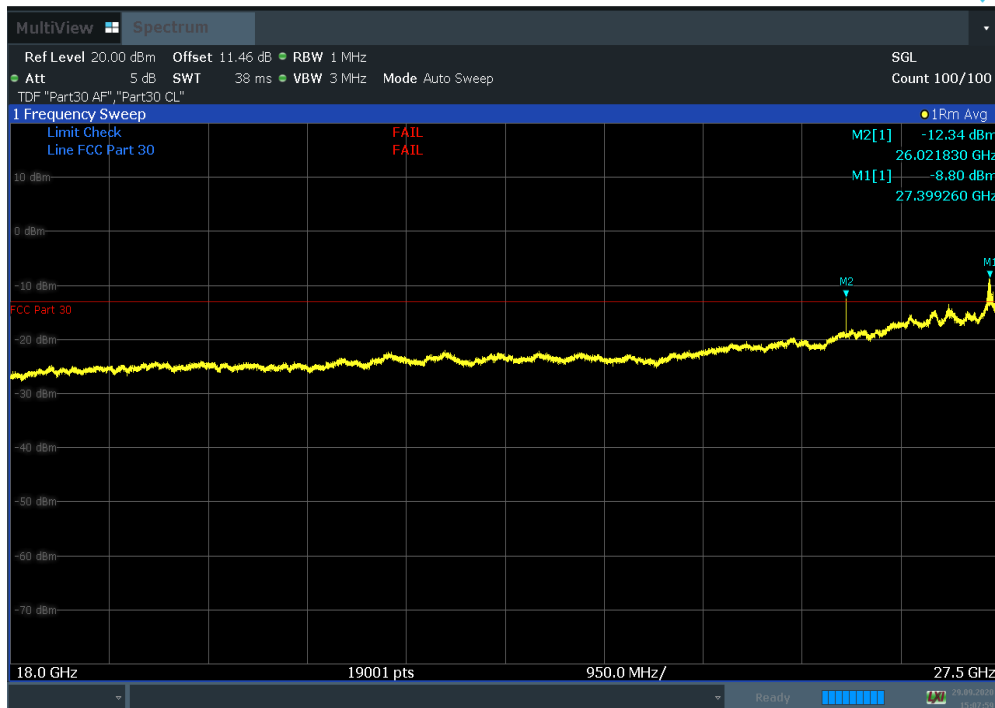


Plot 7-402. RSE 25 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
High TRP)

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 261 of 466

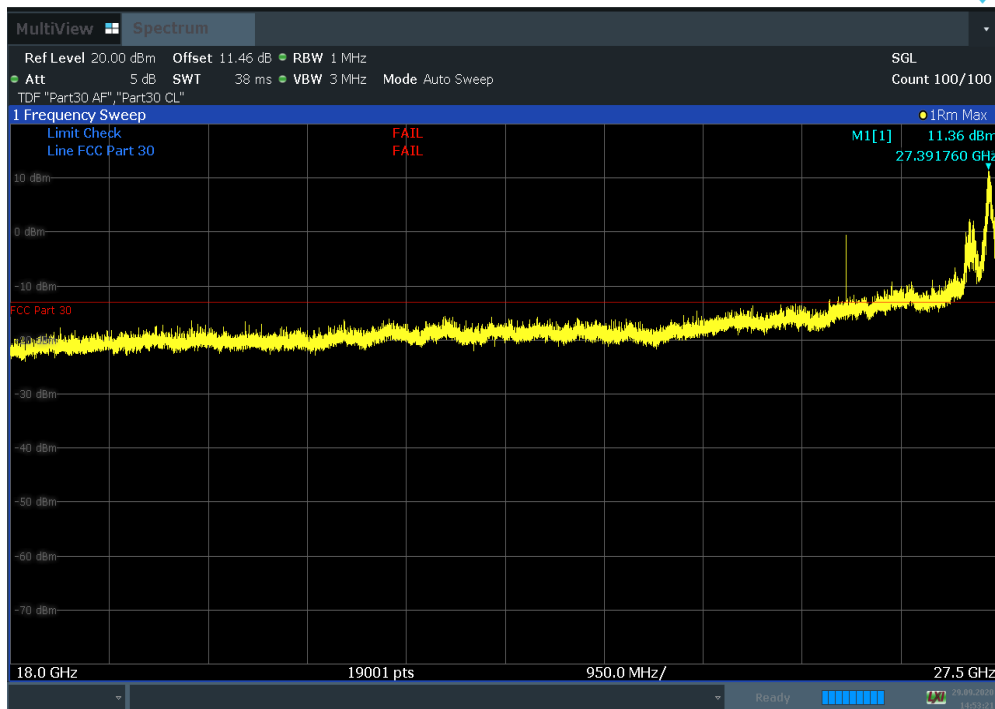


Plot 7-403. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK
High Ant. Angle 45)

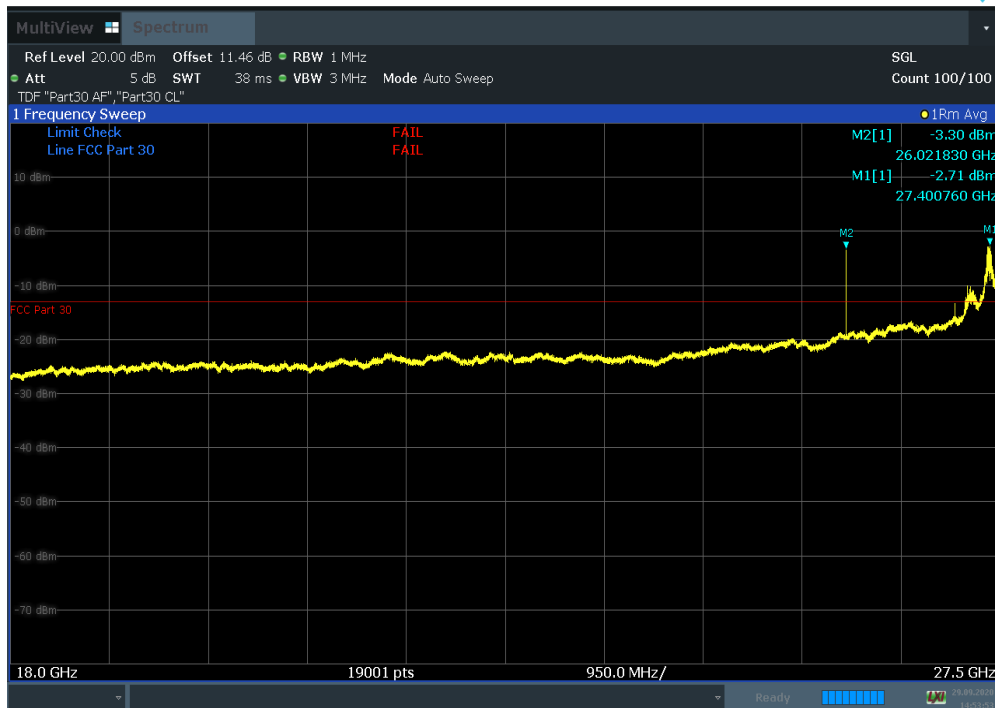


Plot 7-404. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK
High Ant. Angle 45, Final)

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 262 of 466

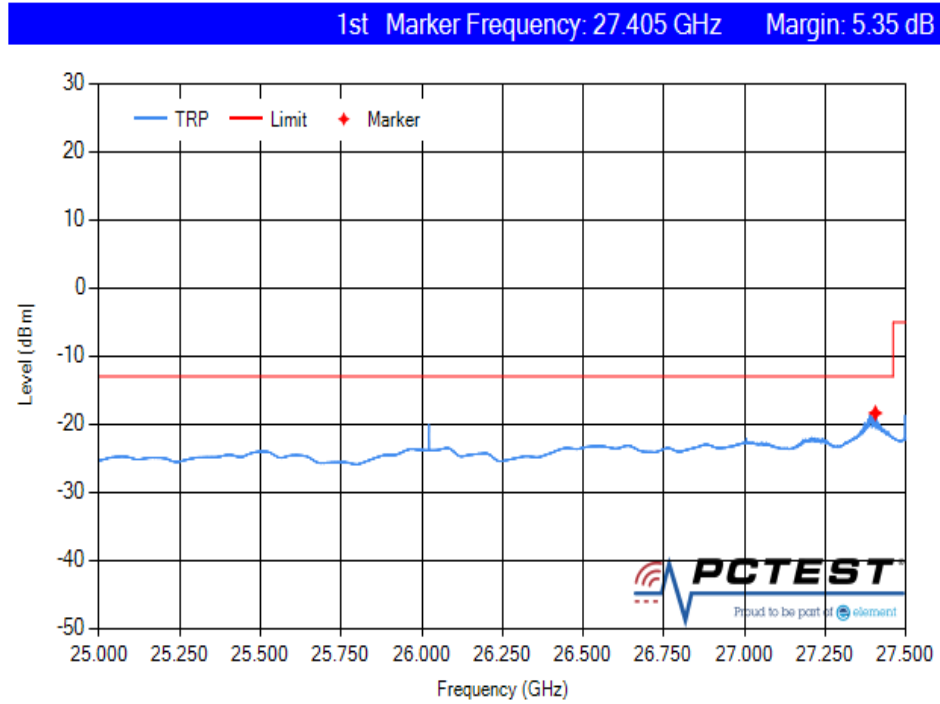


Plot 7-405. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK High Ant. Angle 135)

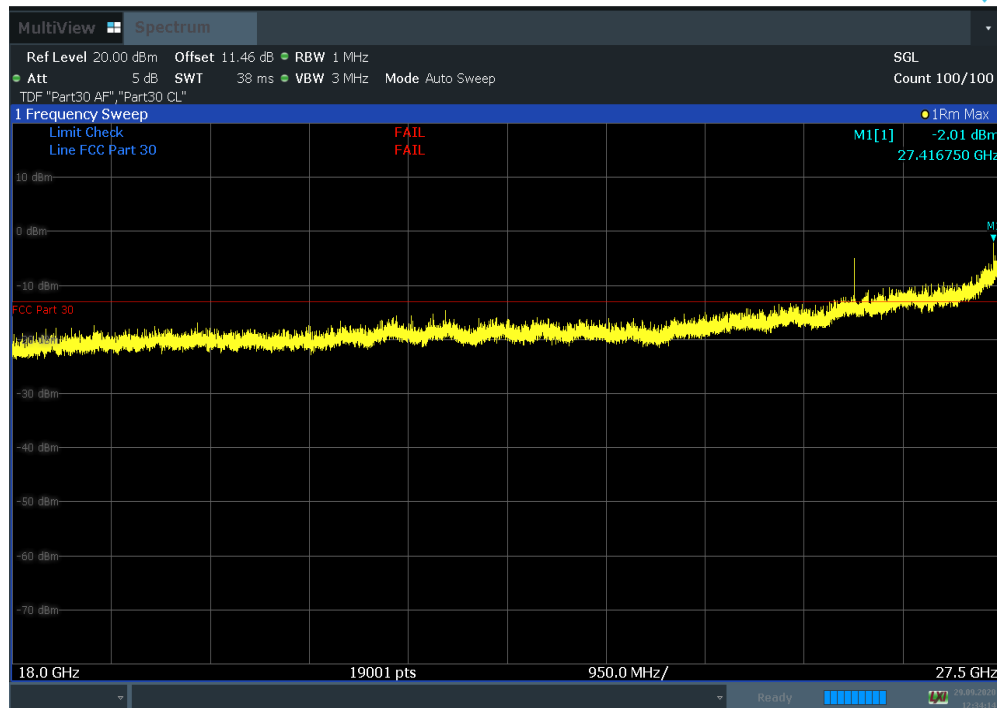


Plot 7-406. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK High Ant. Angle 135, Final)

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 263 of 466

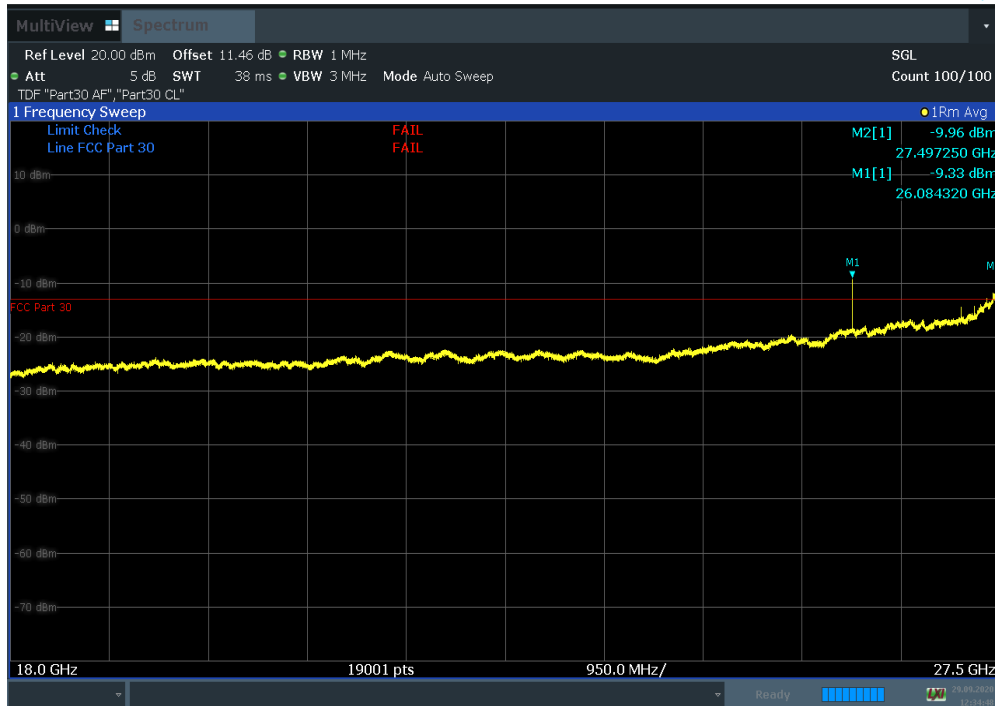


Plot 7-407. RSE 25 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK High TRP)

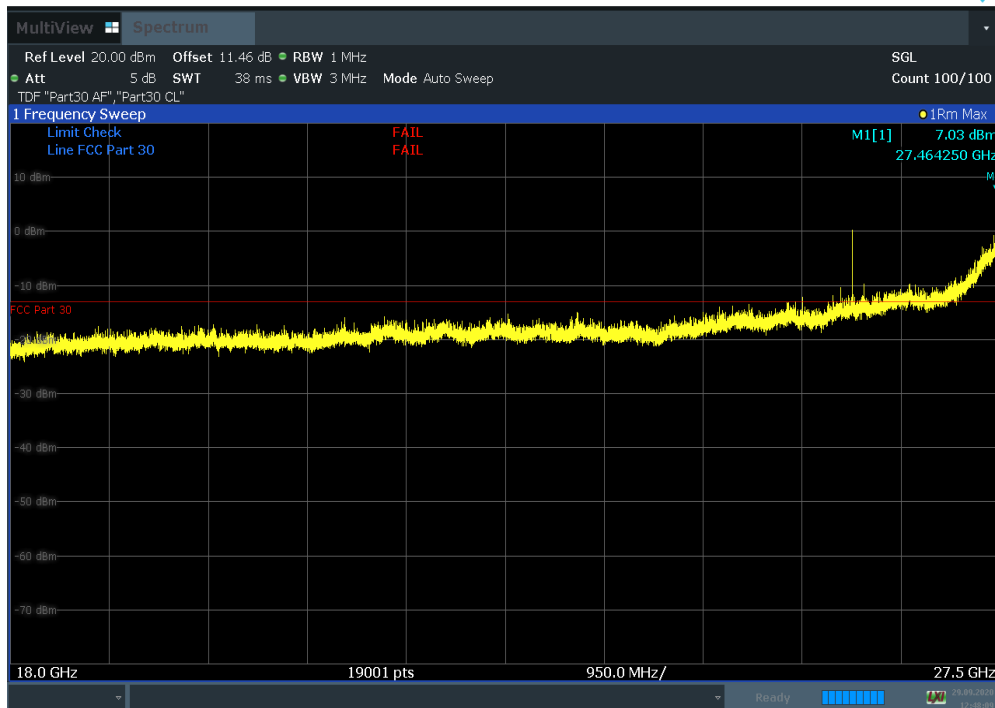


Plot 7-408. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK High Ant. Angle 45)

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 264 of 466

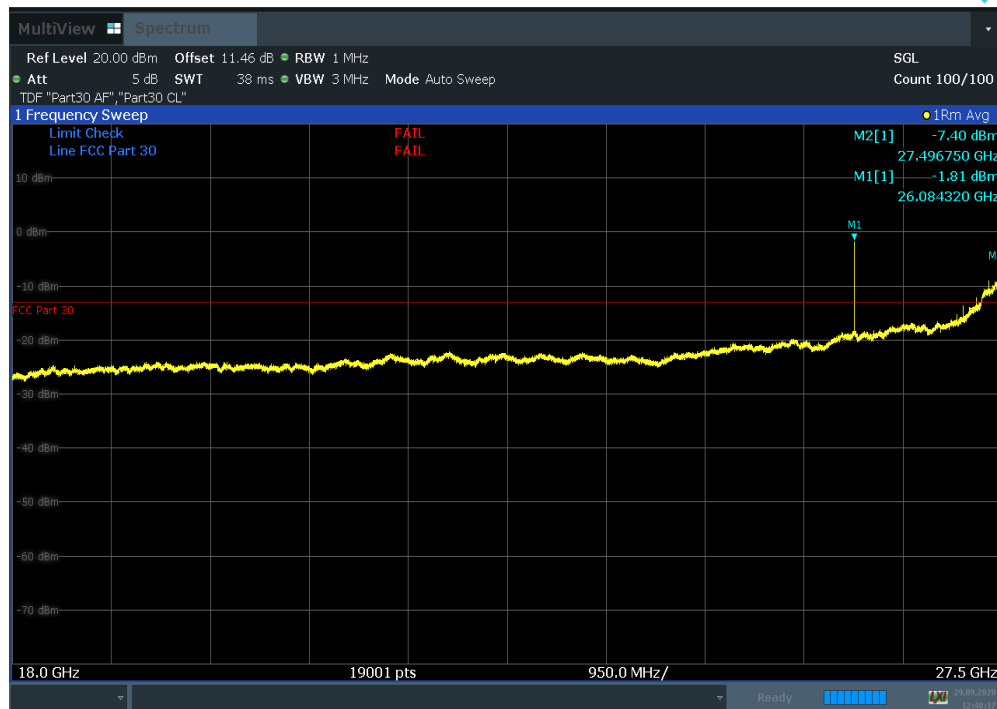


Plot 7-409. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
High Ant. Angle 45, Final)

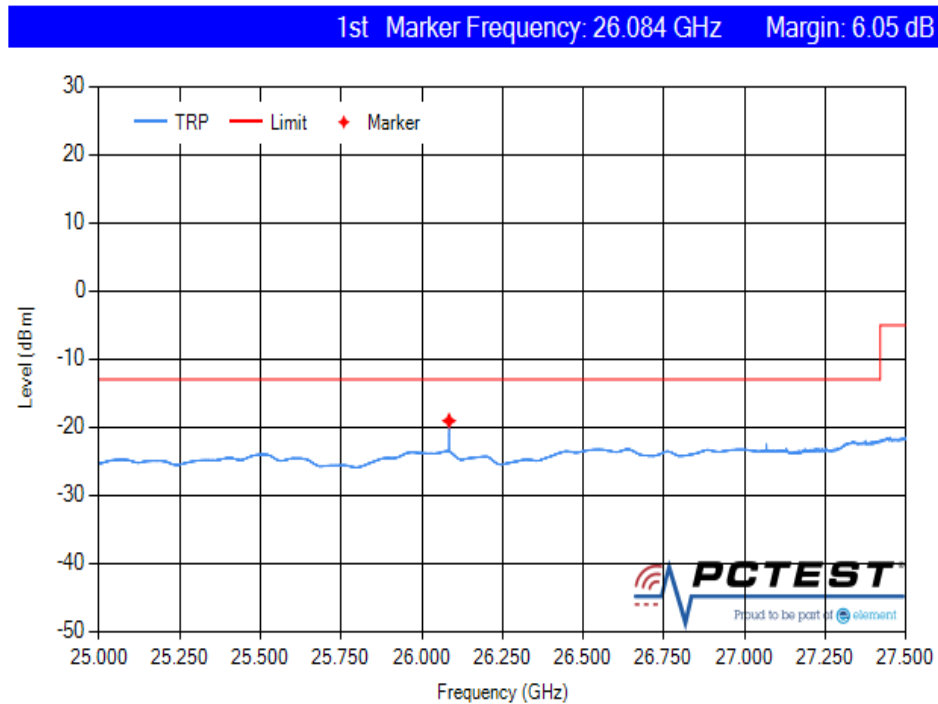


Plot 7-410. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
High Ant. Angle 135)

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 265 of 466

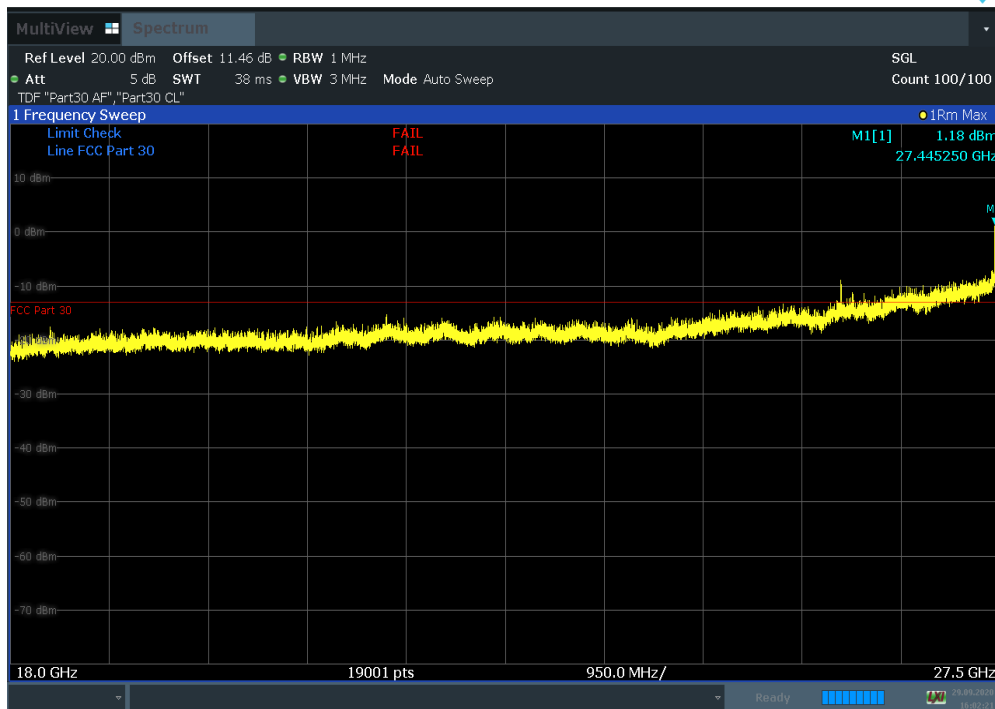


Plot 7-411. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK High Ant. Angle 135, Final)

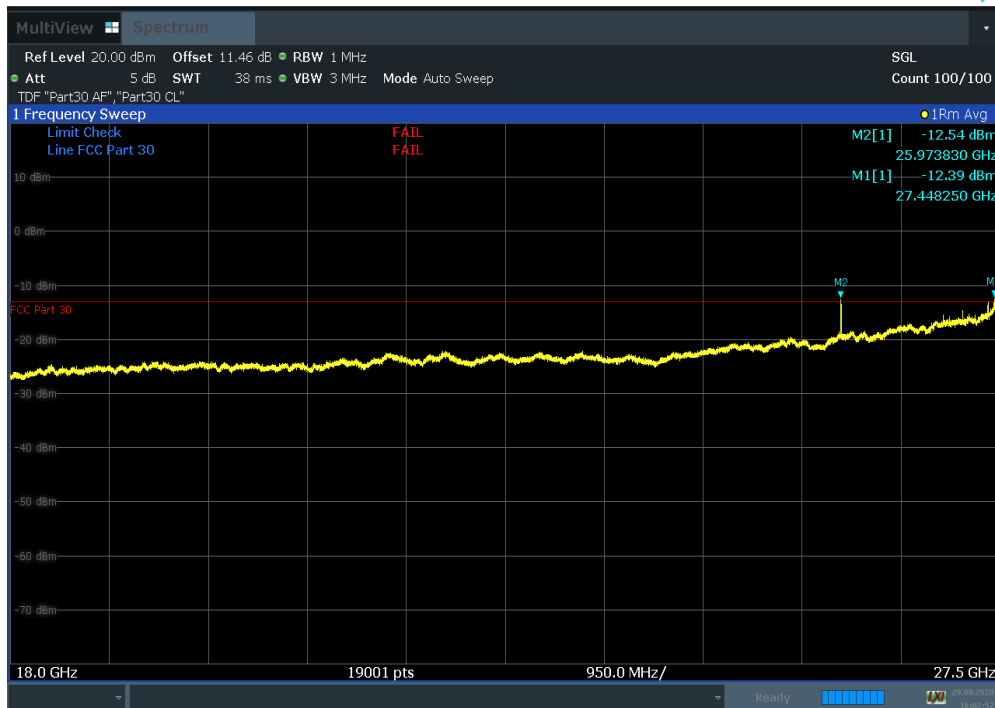


Plot 7-412. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK High TRP)

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 266 of 466

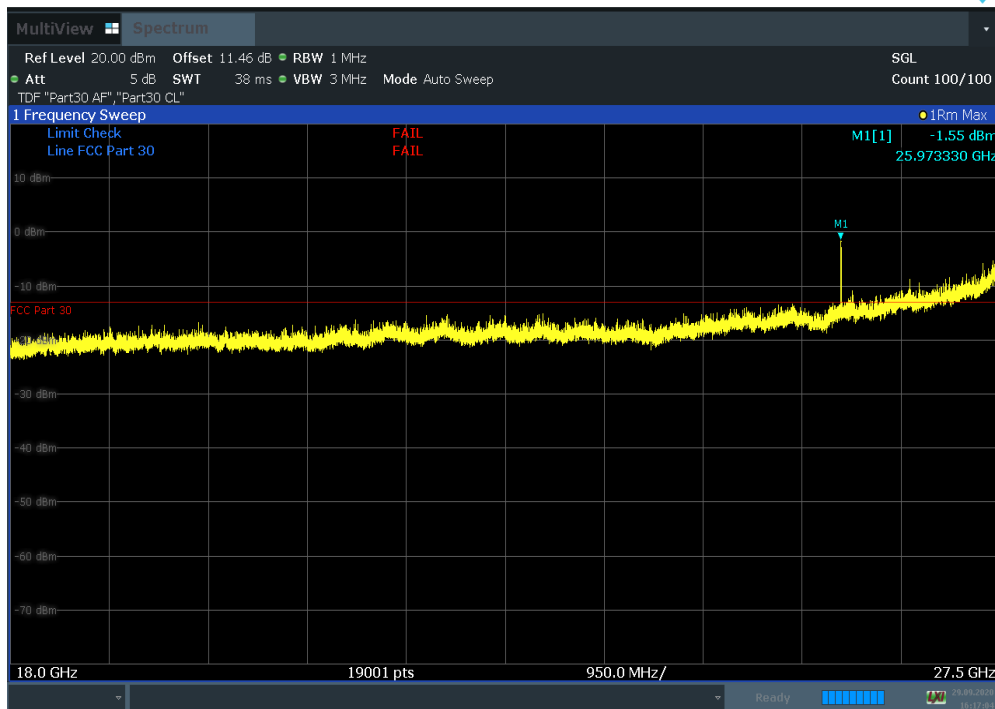


Plot 7-413. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
High Ant. Angle 45)

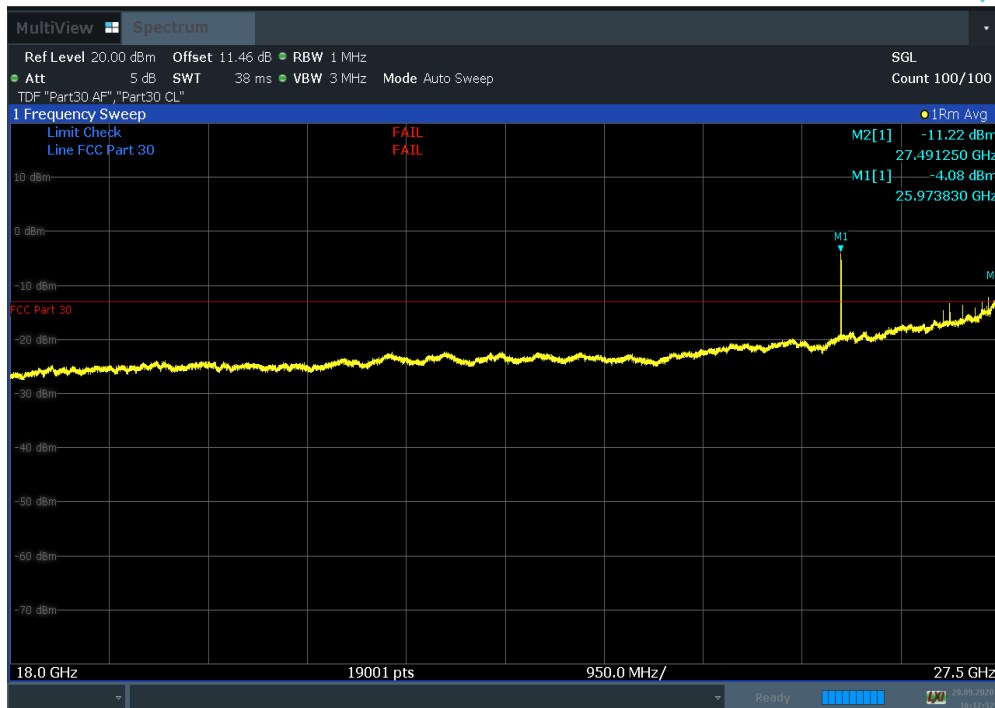


Plot 7-414. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
High Ant. Angle 45, Final)

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 267 of 466

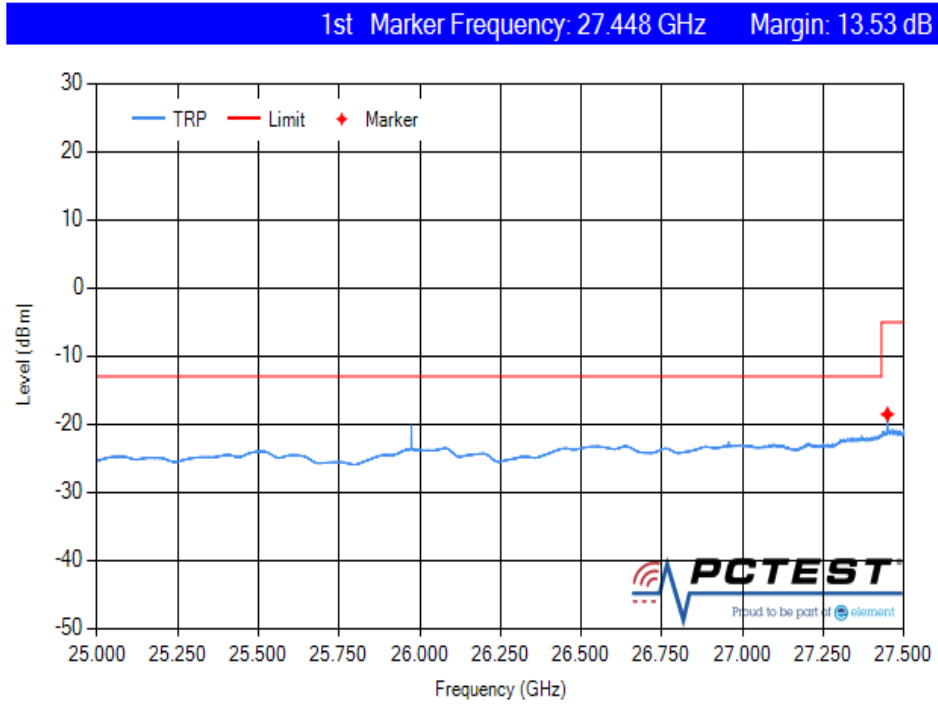


Plot 7-415. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK High Ant. Angle 135)



Plot 7-416. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK High Ant. Angle 135, Final)

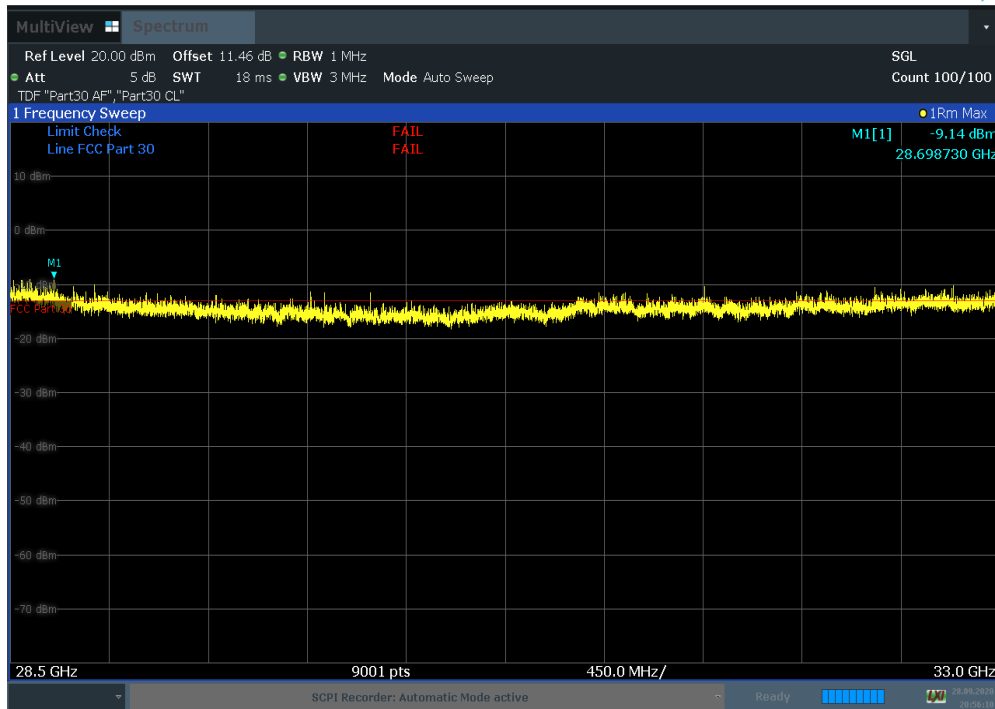
FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 268 of 466



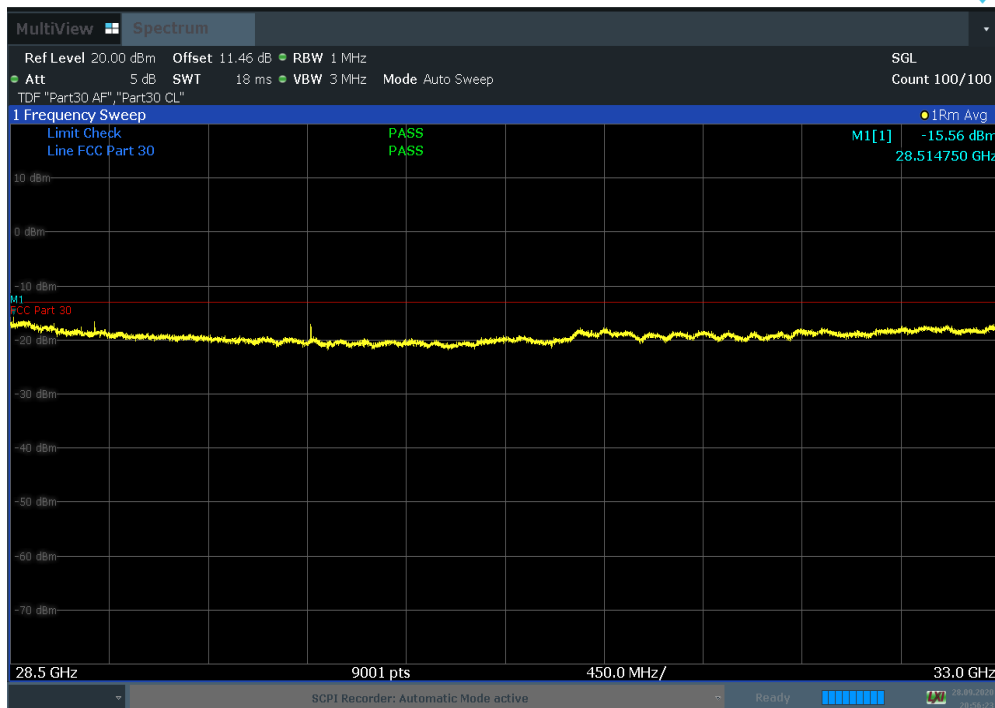
Plot 7-417. RSE 18 GHz – 27.5 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK High TRP)

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 269 of 466

7.5.4 Radiated Spurious Emissions Plots (28.5 GHz to 33 GHz)

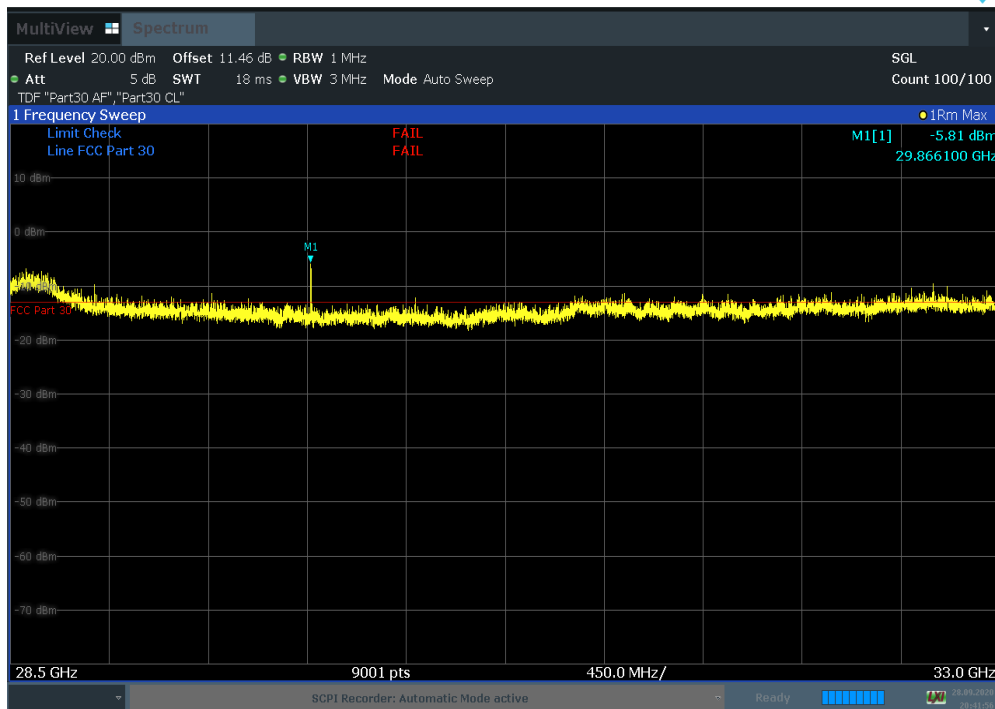


Plot 7-418. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC CC QPSK Low Ant. Angle 45)

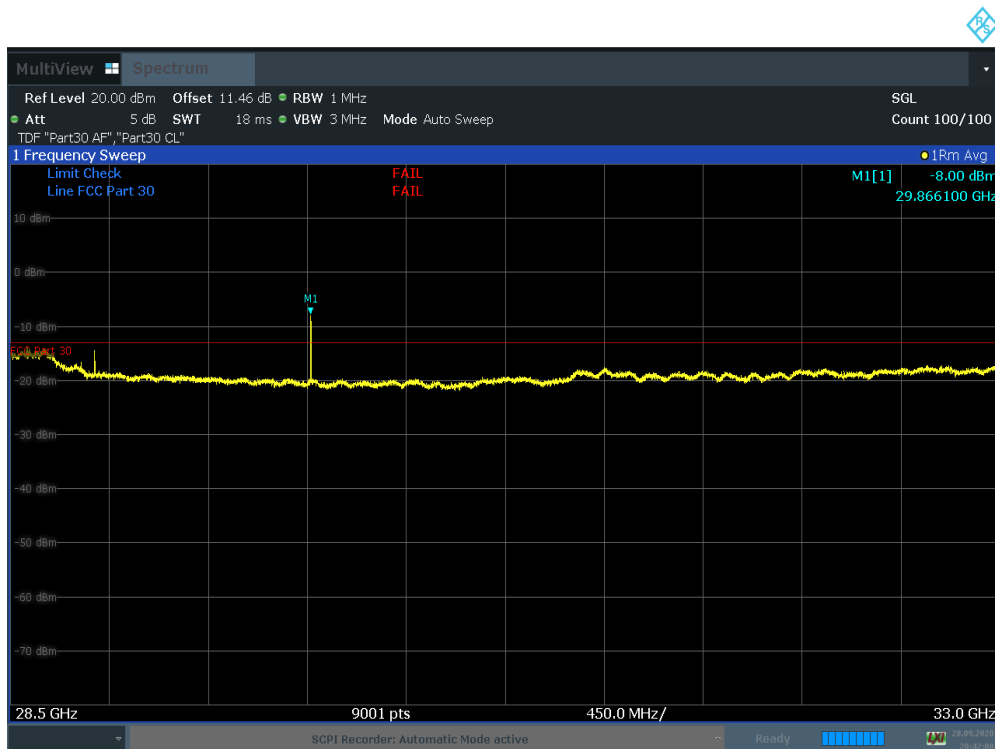


Plot 7-419. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC CC QPSK Low Ant. Angle 45, Final)

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 270 of 466

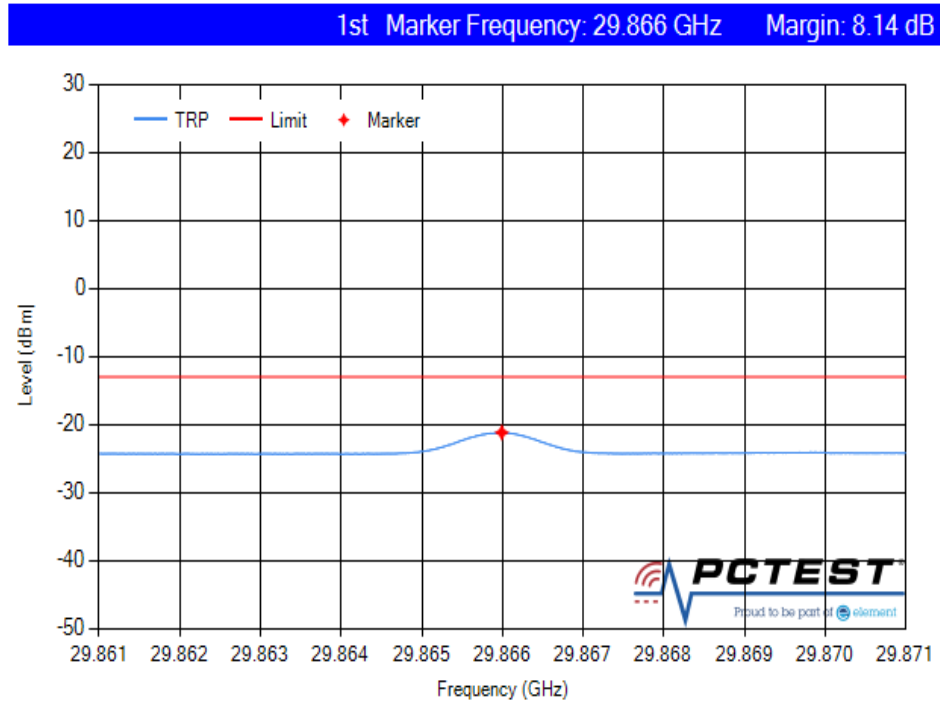


Plot 7-420. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC CC QPSK Low Ant. Angle 135)

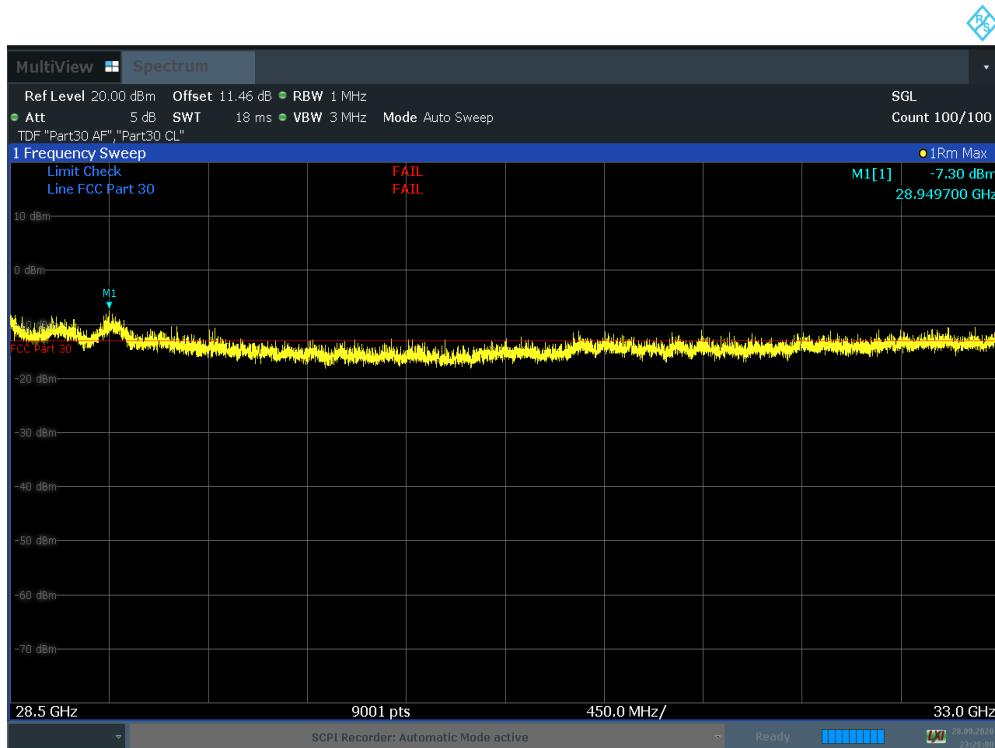


Plot 7-421. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC CC QPSK Low Ant. Angle 135, Final)

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 271 of 466

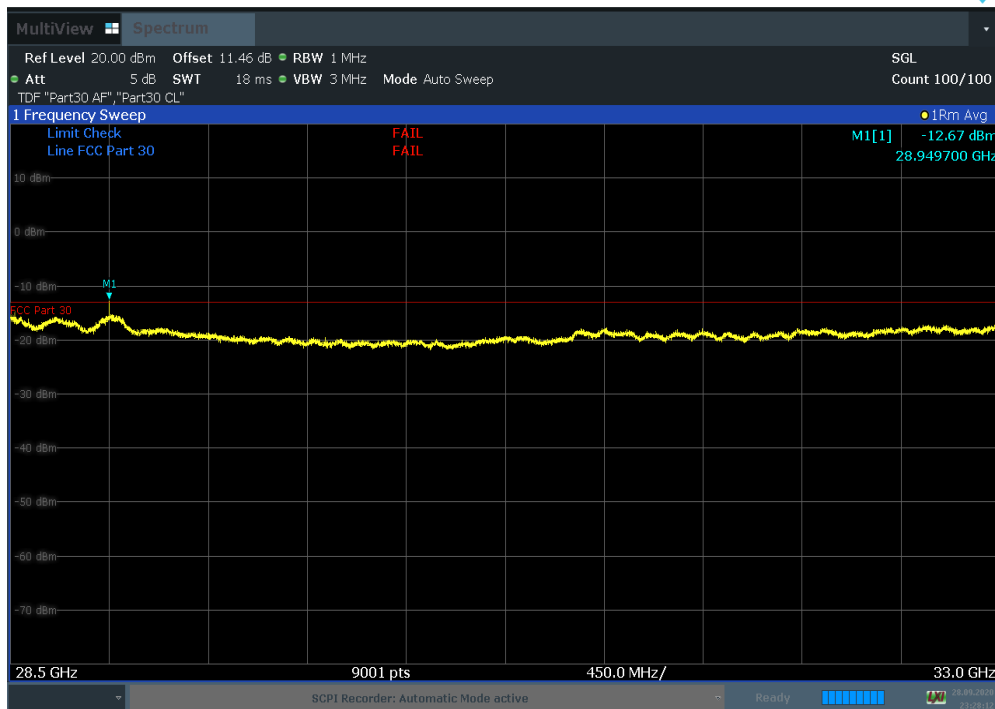


Plot 7-422. RSE 29.861 GHz – 29.871 GHz (100 MHz BW 4CC CC QPSK Low TRP)

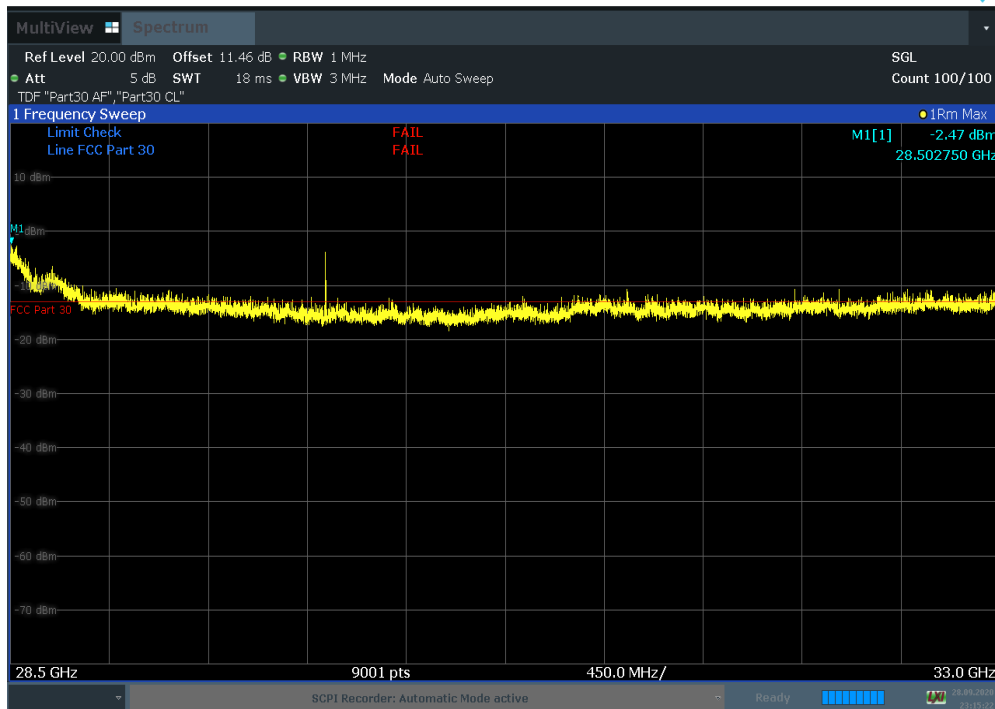


Plot 7-423. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK Low Ant. Angle 45)

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 272 of 466

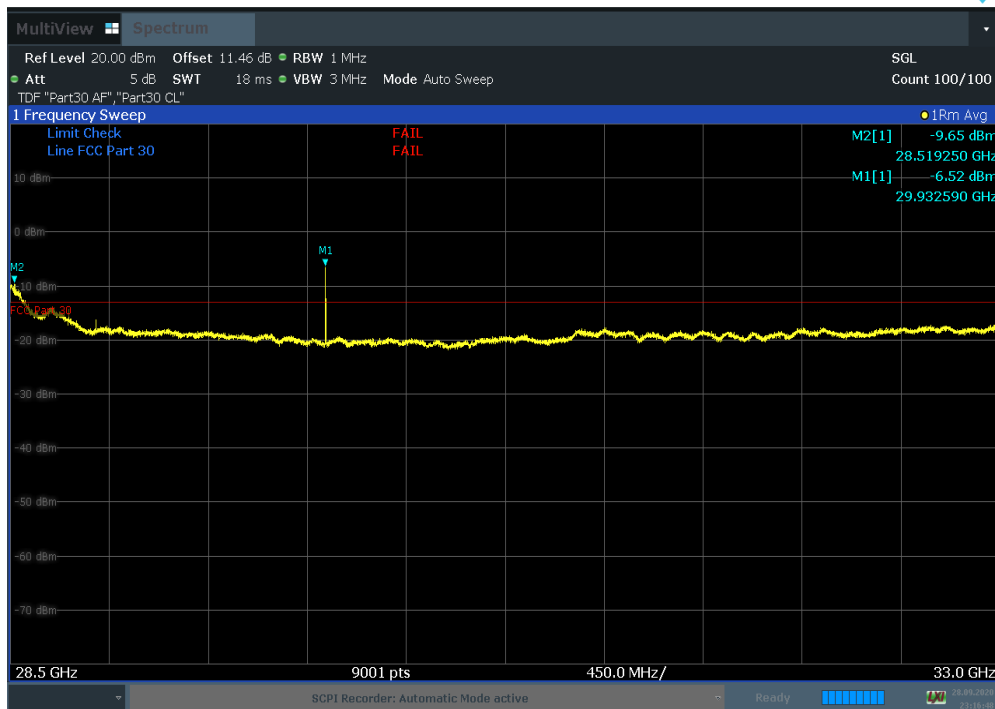


Plot 7-424. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK Low Ant. Angle 45, Final)



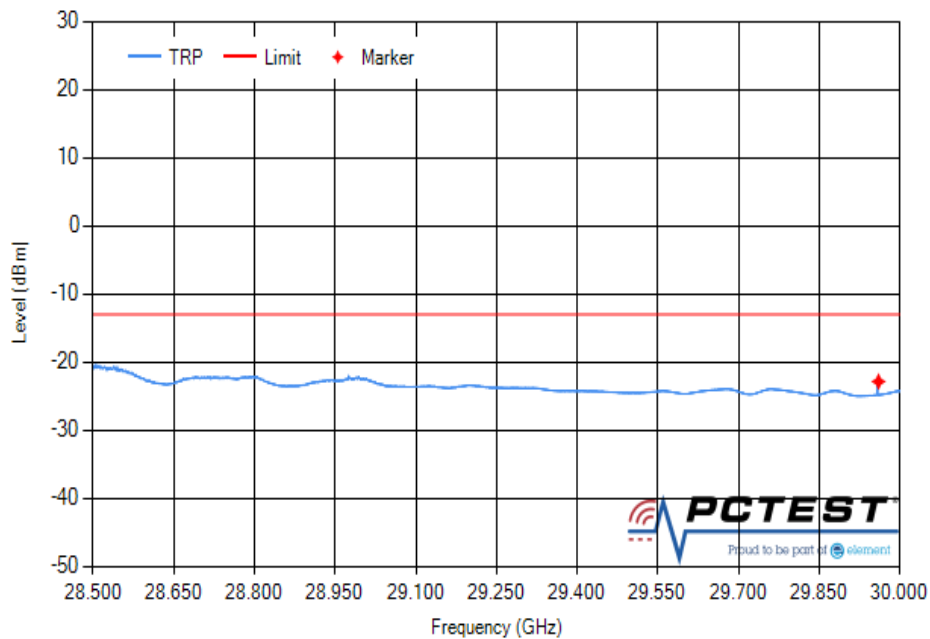
Plot 7-425. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK Low Ant. Angle 135)

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 273 of 466



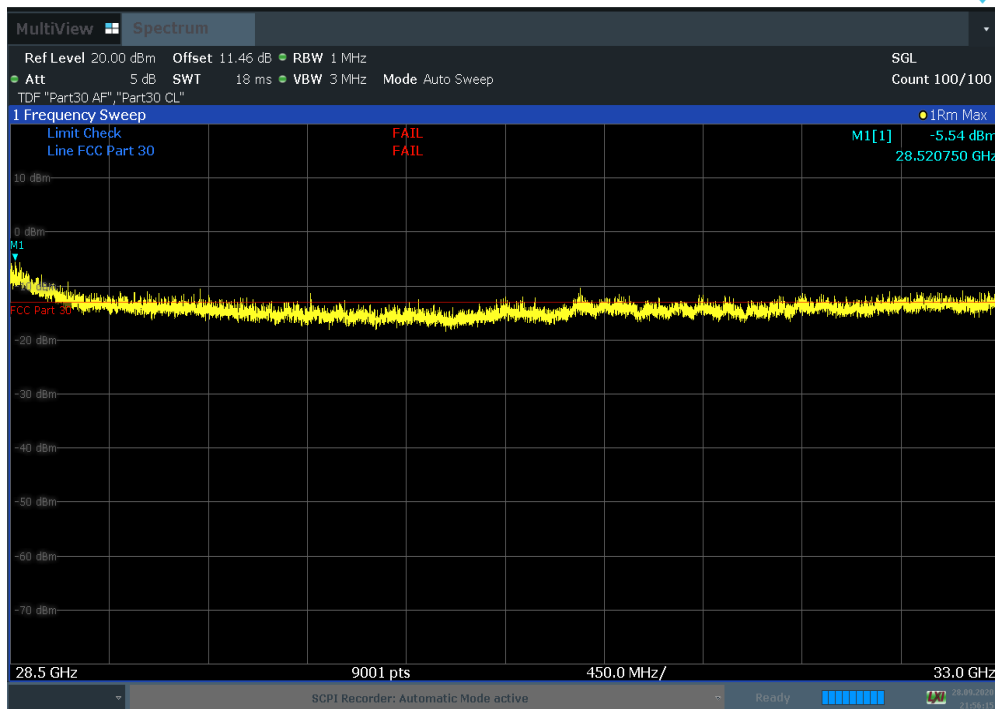
Plot 7-426. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK Low Ant. Angle 135, Final)

1st Marker Frequency: 29.960 GHz Margin: 9.83 dB

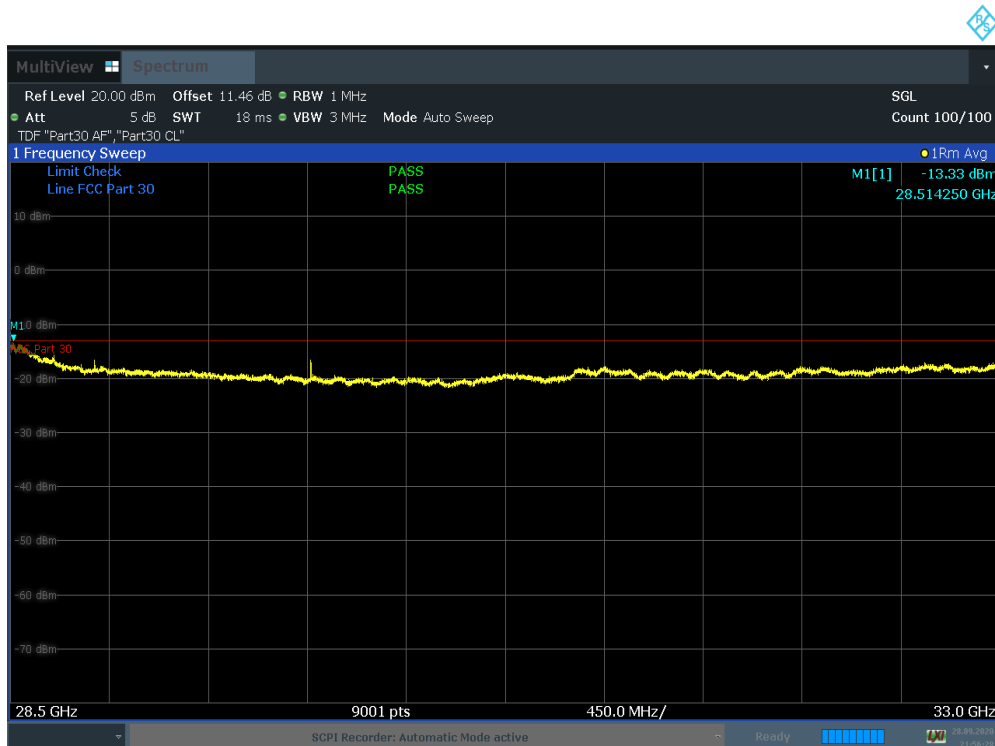


Plot 7-427. RSE 28.5 GHz – 30 GHz (100 MHz BW 4CC NC QPSK Low TRP)

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 274 of 466

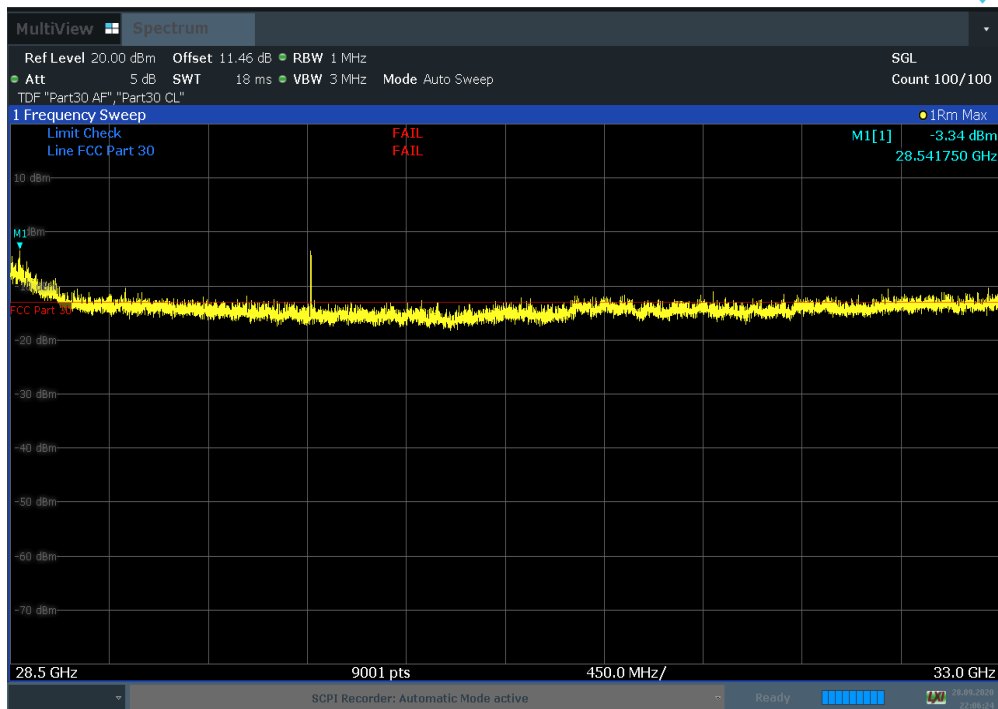


Plot 7-428. RSE 28.5 GHz – 33 GHz (100 MHz BW 8CC CC QPSK Low Ant. Angle 45)

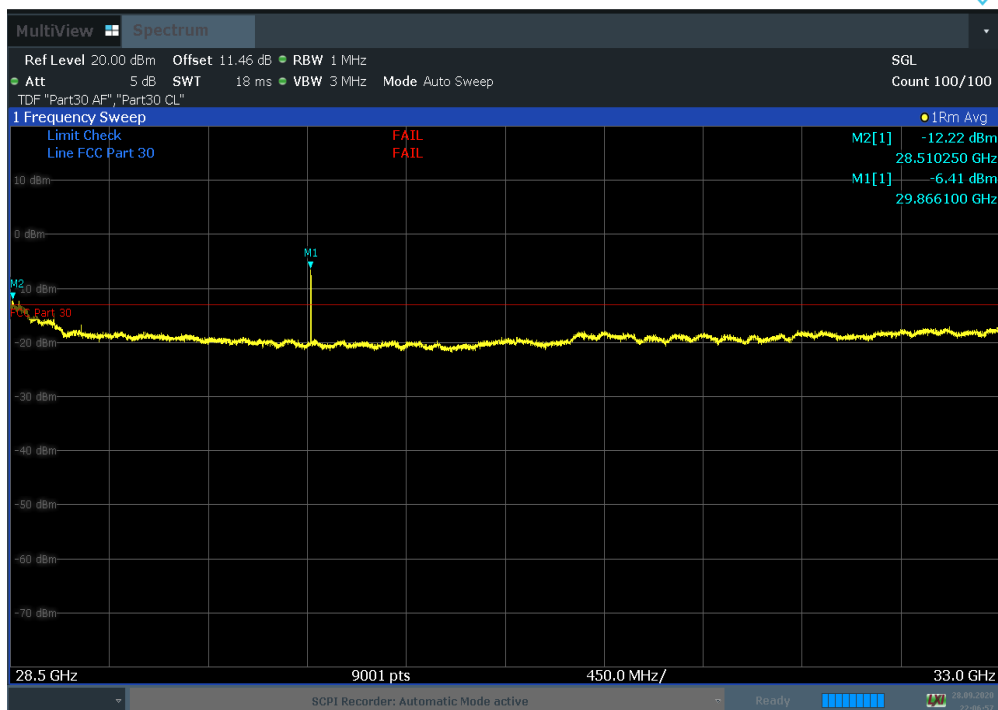


Plot 7-429. RSE 28.5 GHz – 33 GHz (100 MHz BW 8CC CC QPSK Low Ant. Angle 45, Final)

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 275 of 466

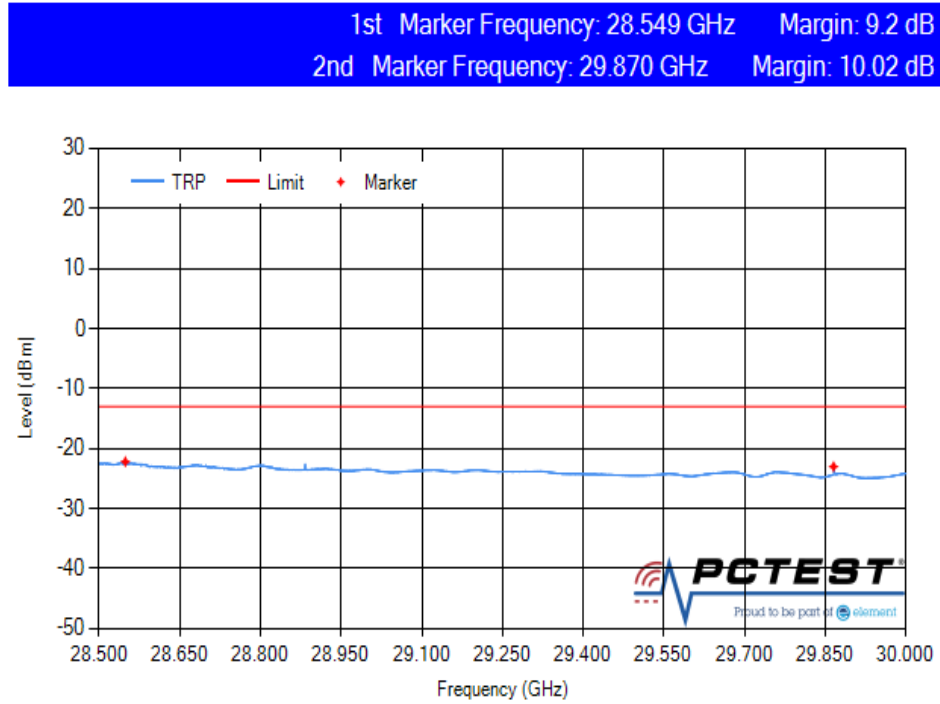


Plot 7-430. RSE 28.5 GHz – 33 GHz (100 MHz BW 8CC CC QPSK Low Ant. Angle 135)

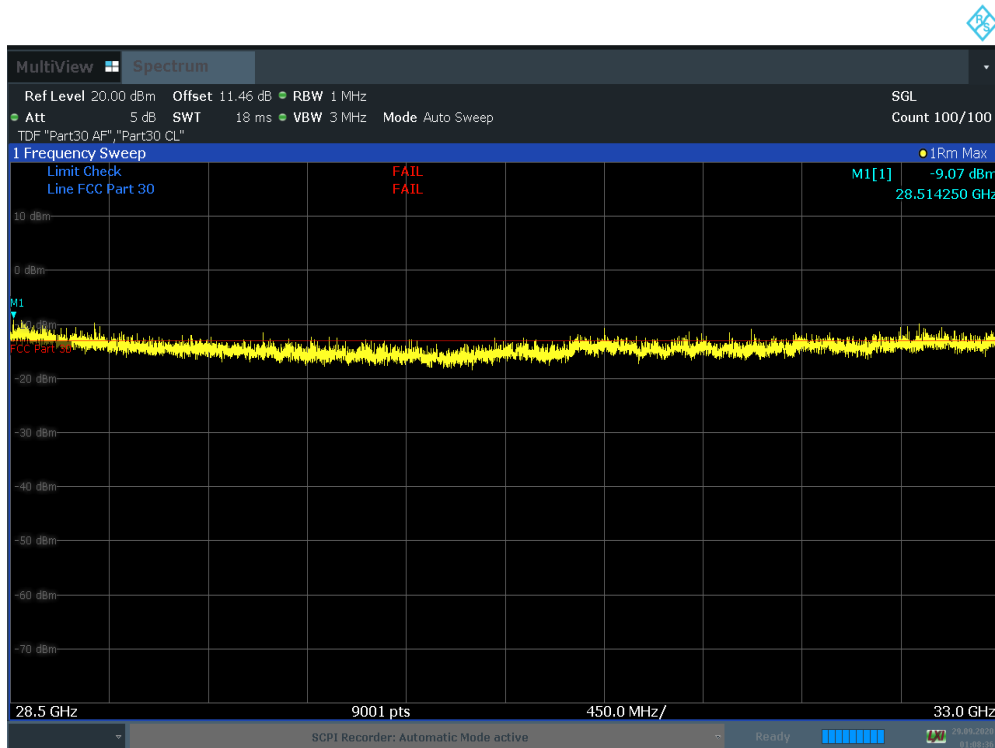


Plot 7-431. RSE 28.5 GHz – 33 GHz (100 MHz BW 8CC CC QPSK Low Ant. Angle 135, Final)

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 276 of 466

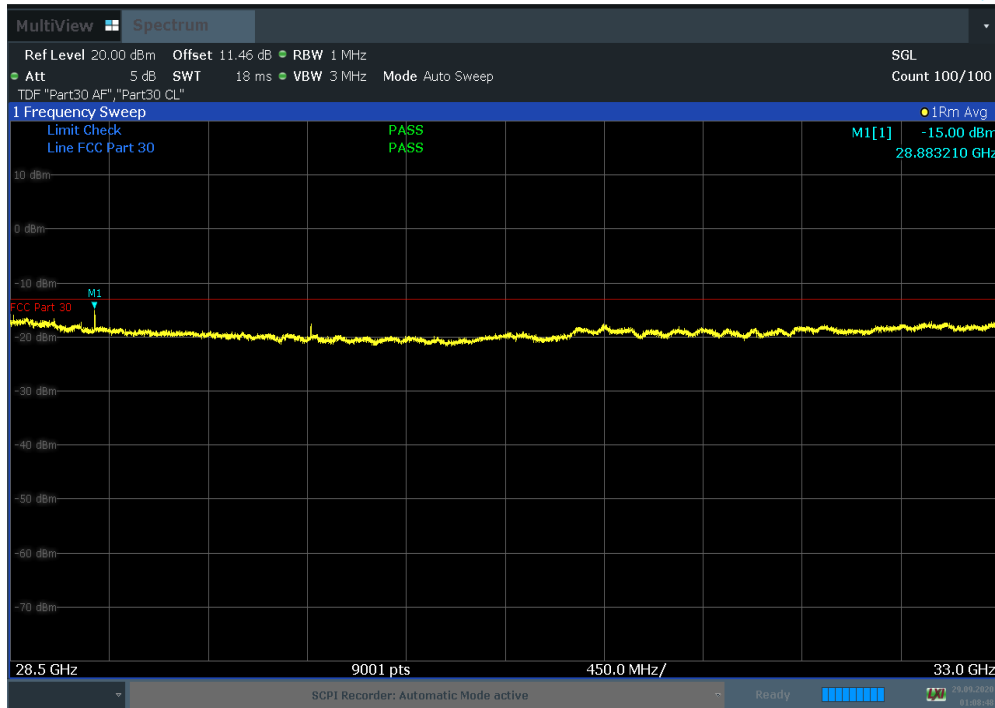


Plot 7-432. RSE 28.5 GHz – 30 GHz (100 MHz BW 8CC CC QPSK Low TRP)

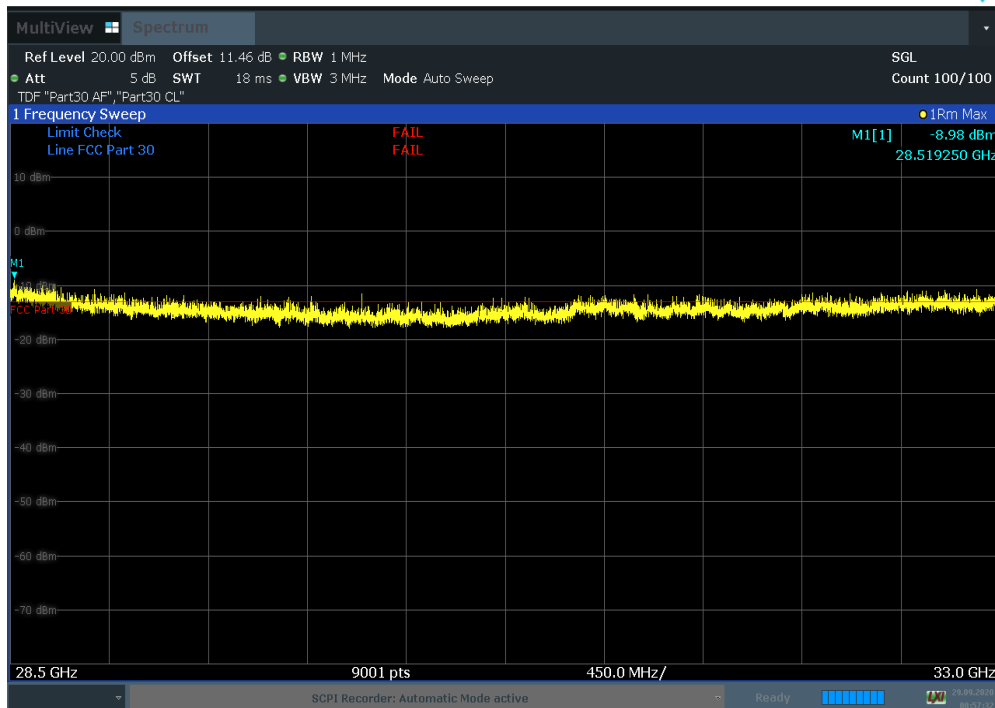


Plot 7-433. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Low Ant. Angle 45)

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 277 of 466

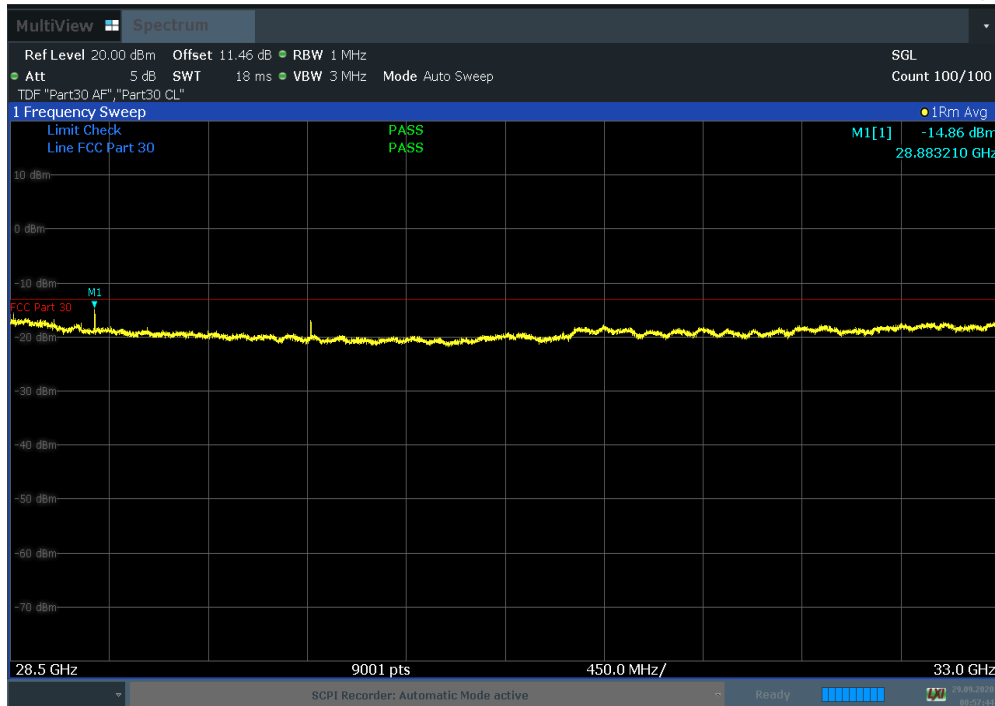


Plot 7-434. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
Low Ant. Angle 45, Final)

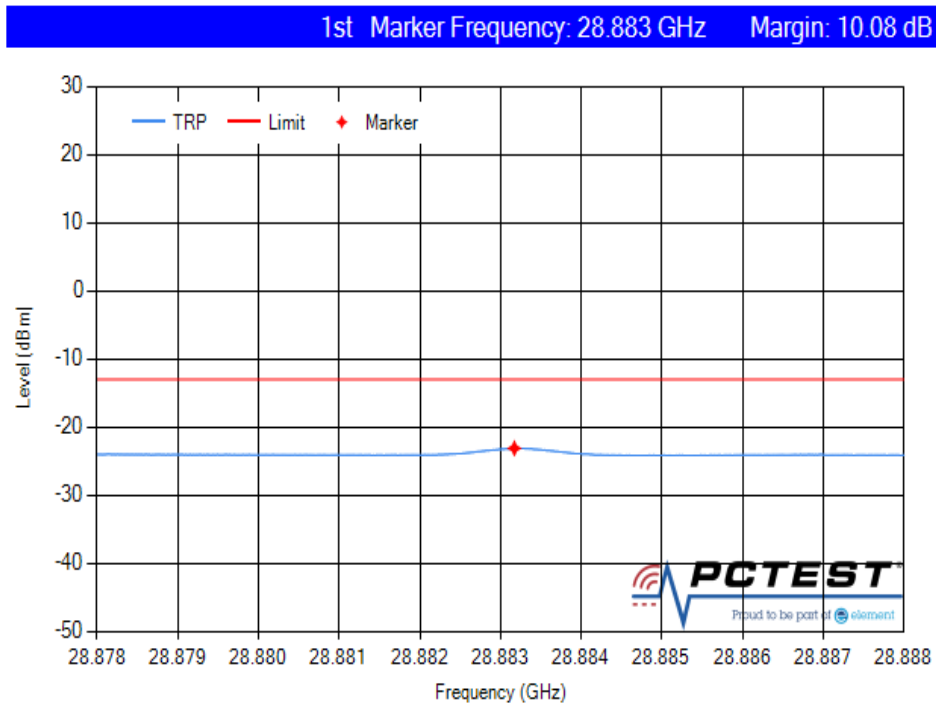


Plot 7-435. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK
Low Ant. Angle 135)

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 278 of 466

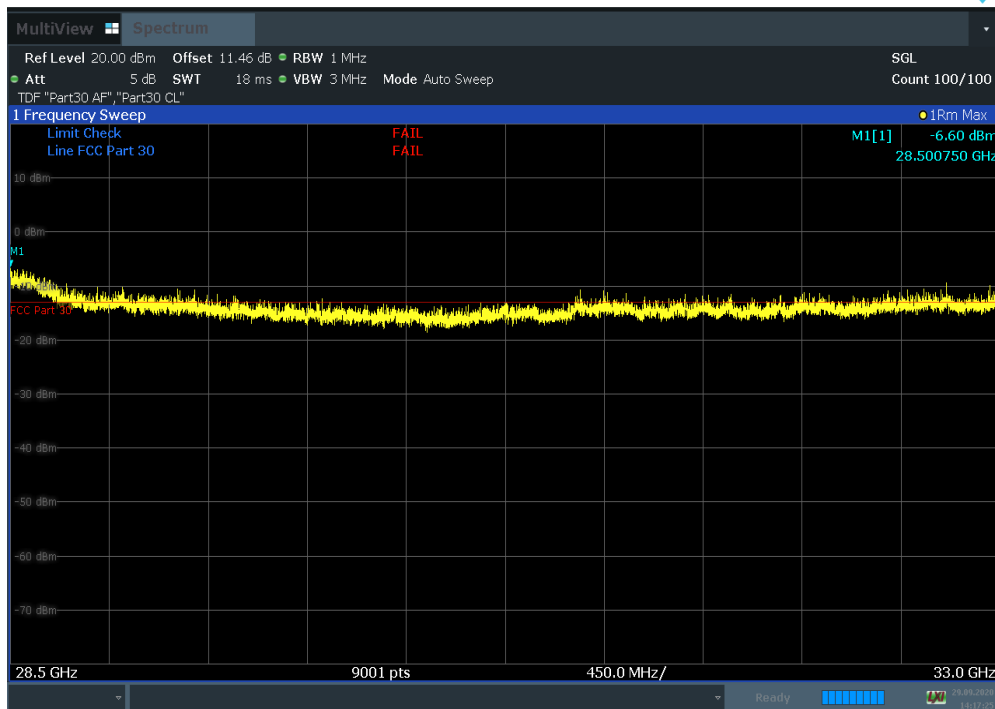


Plot 7-436. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Low Ant. Angle 135, Final)

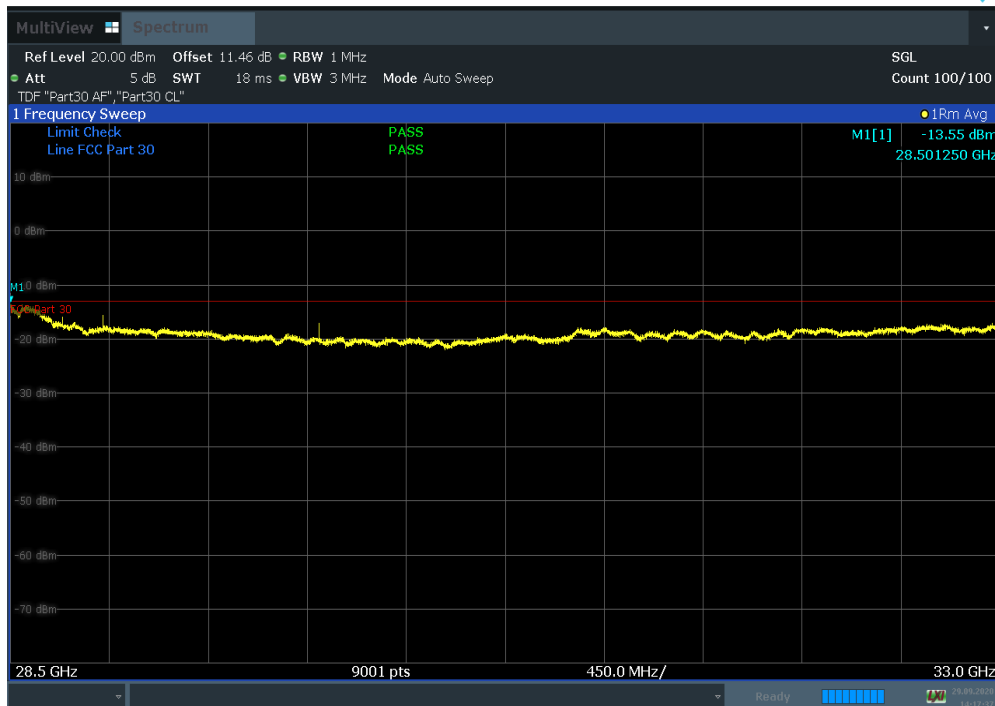


Plot 7-437. RSE 28.878 GHz – 28.888 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Low TRP)

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 279 of 466

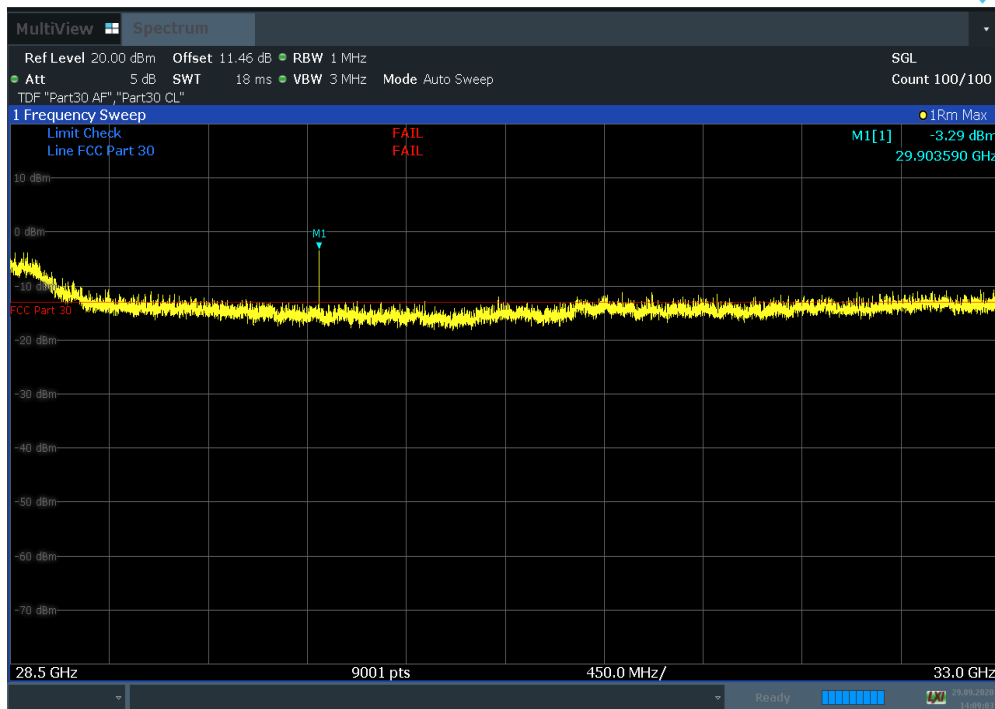


Plot 7-438. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Low Ant. Angle 45)

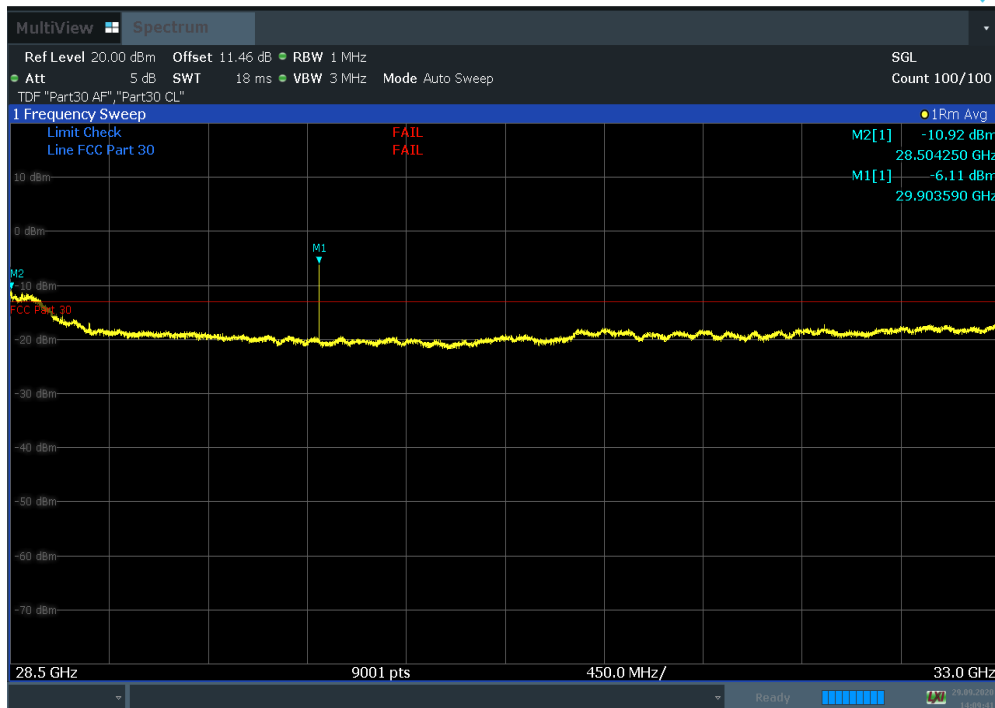


Plot 7-439. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Low Ant. Angle 45, Final)

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 280 of 466

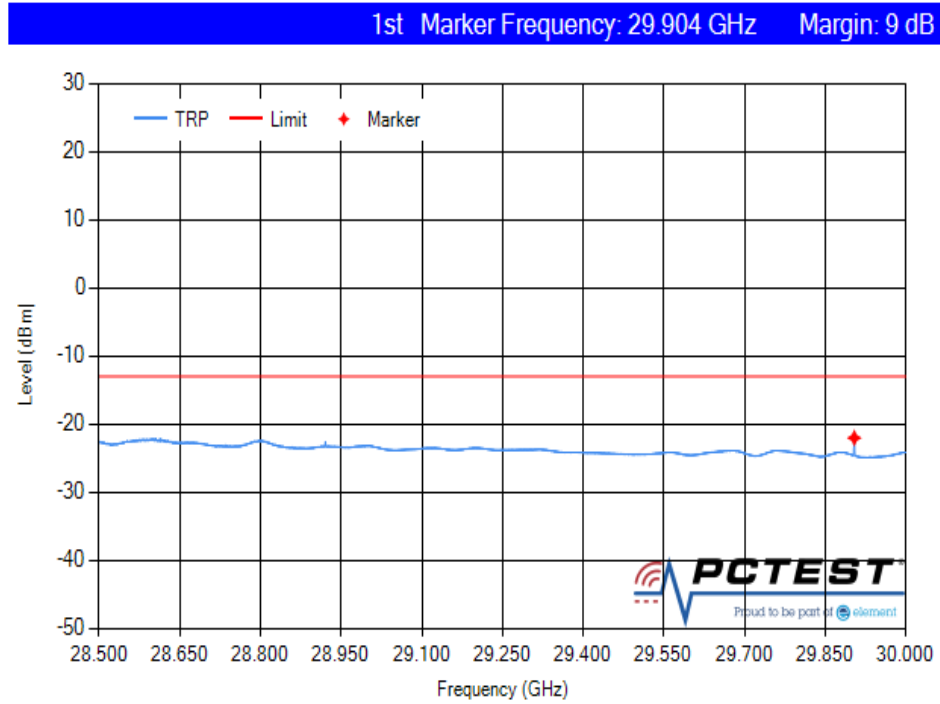


Plot 7-440. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK
Low Ant. Angle 135)

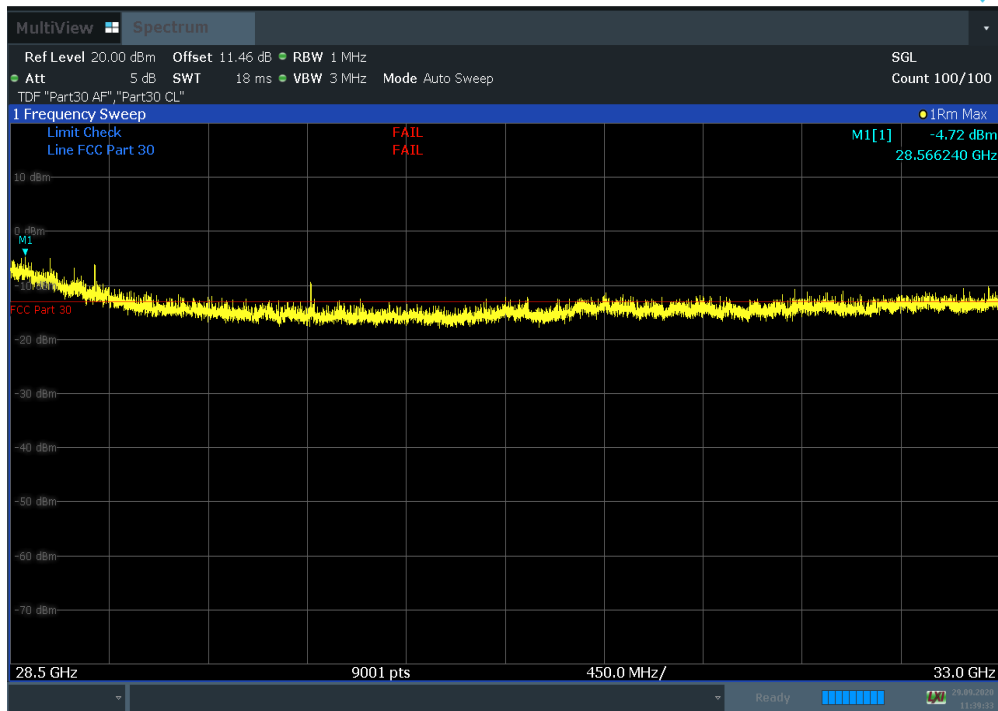


Plot 7-441. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK
Low Ant. Angle 135, Final)

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 281 of 466

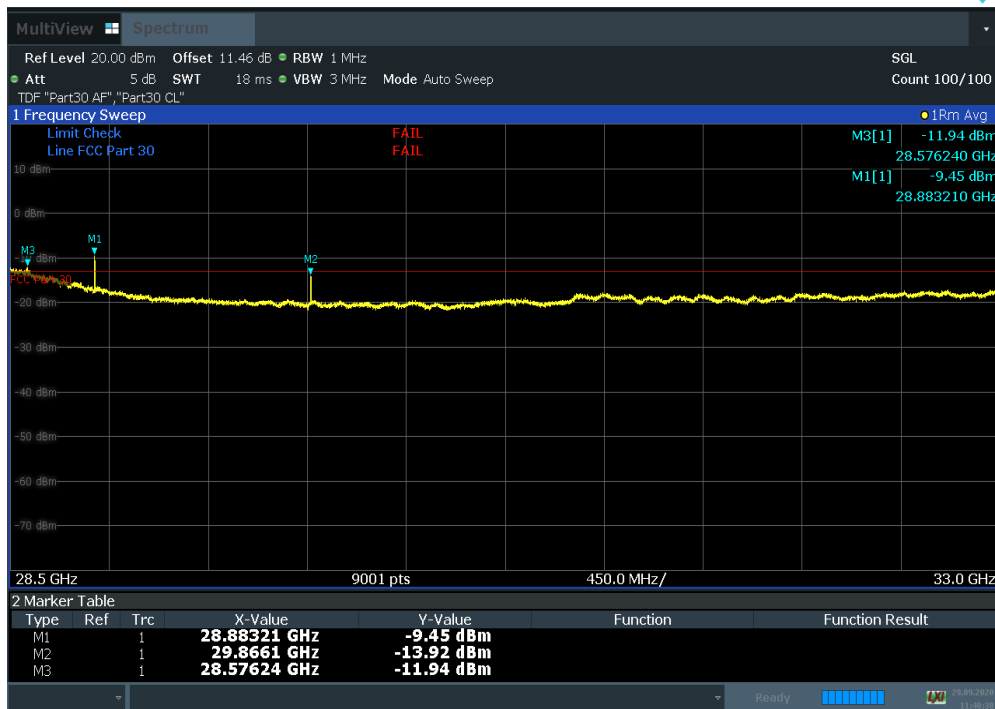


Plot 7-442. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Low TRP)

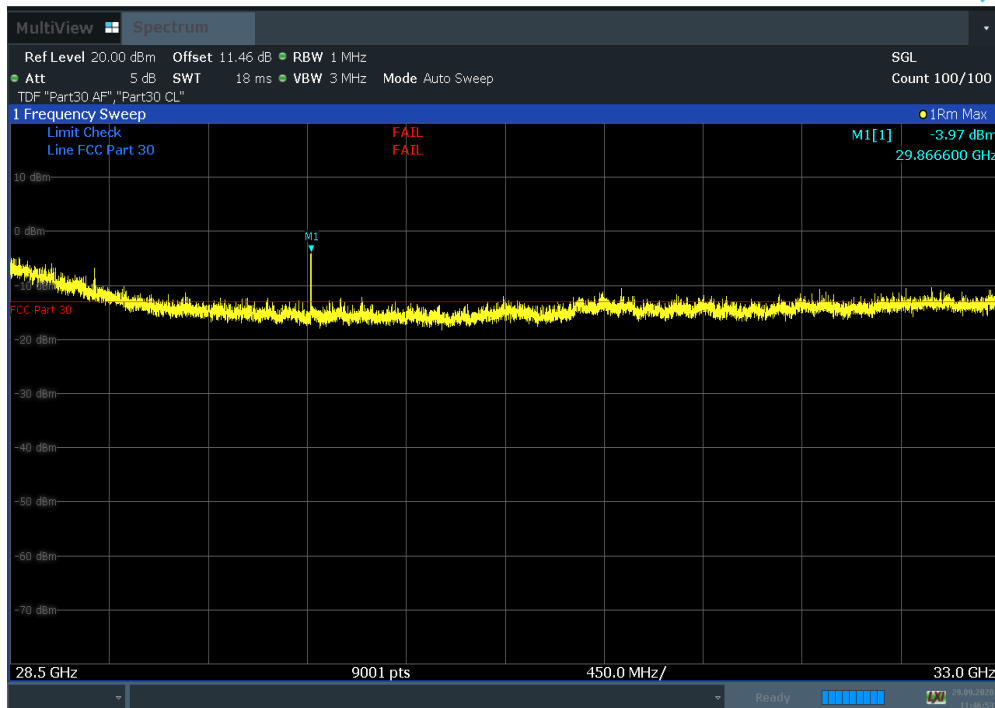


Plot 7-443. 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Low Ant. Angle 45)

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 282 of 466

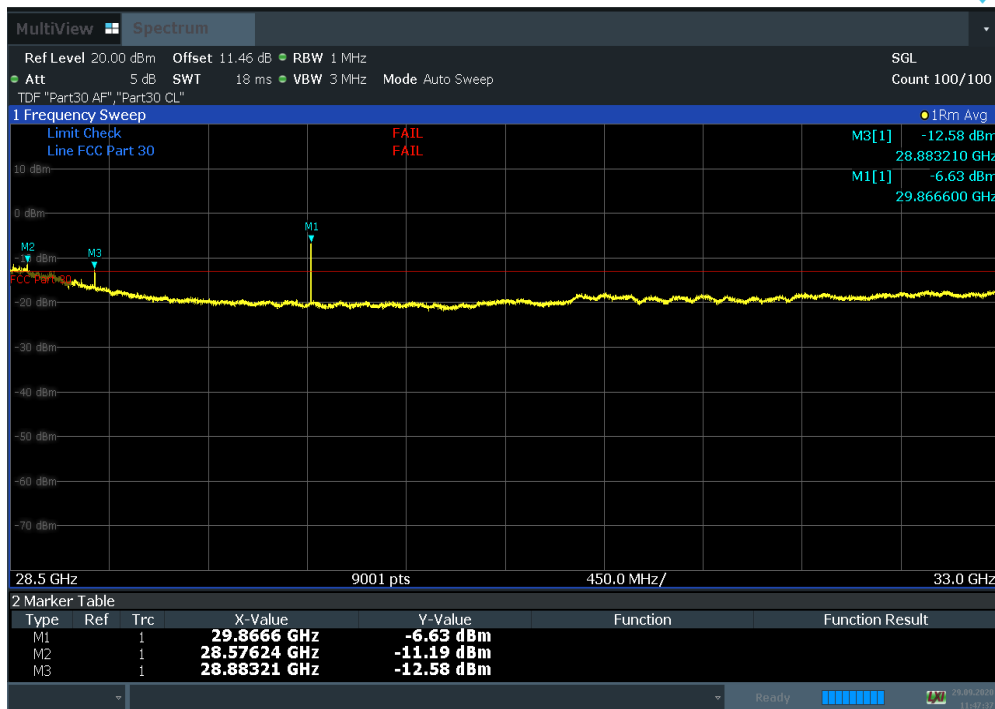


Plot 7-444. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
Low Ant. Angle 45, Final)

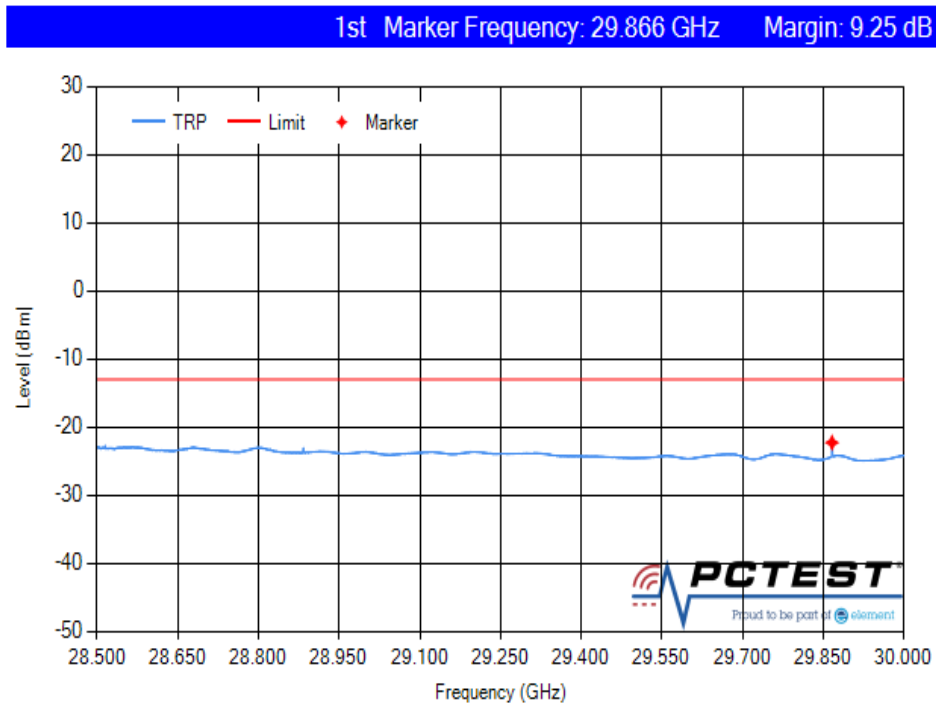


Plot 7-445. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
Low Ant. Angle 135)

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 283 of 466

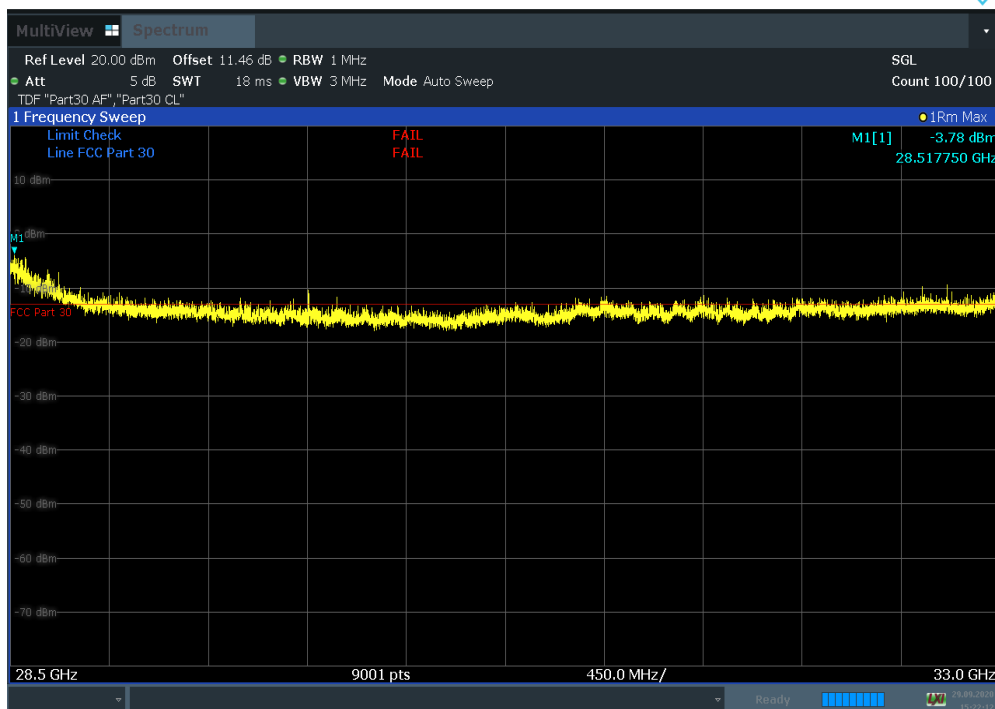


Plot 7-446. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
Low Ant. Angle 135, Final)

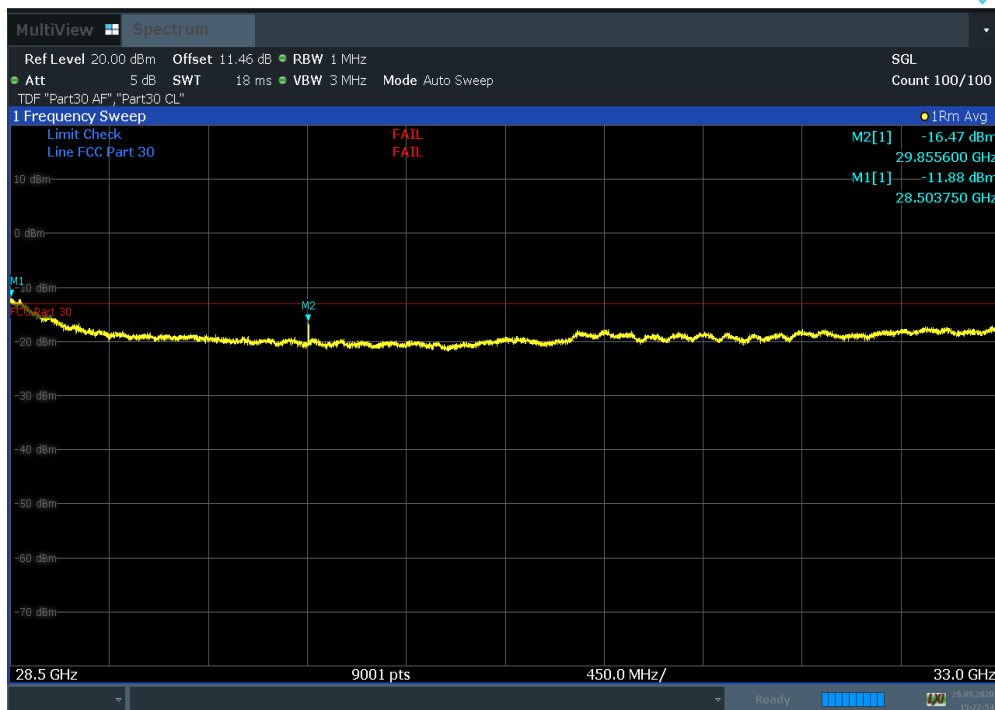


Plot 7-447. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK
Low TRP)

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 284 of 466

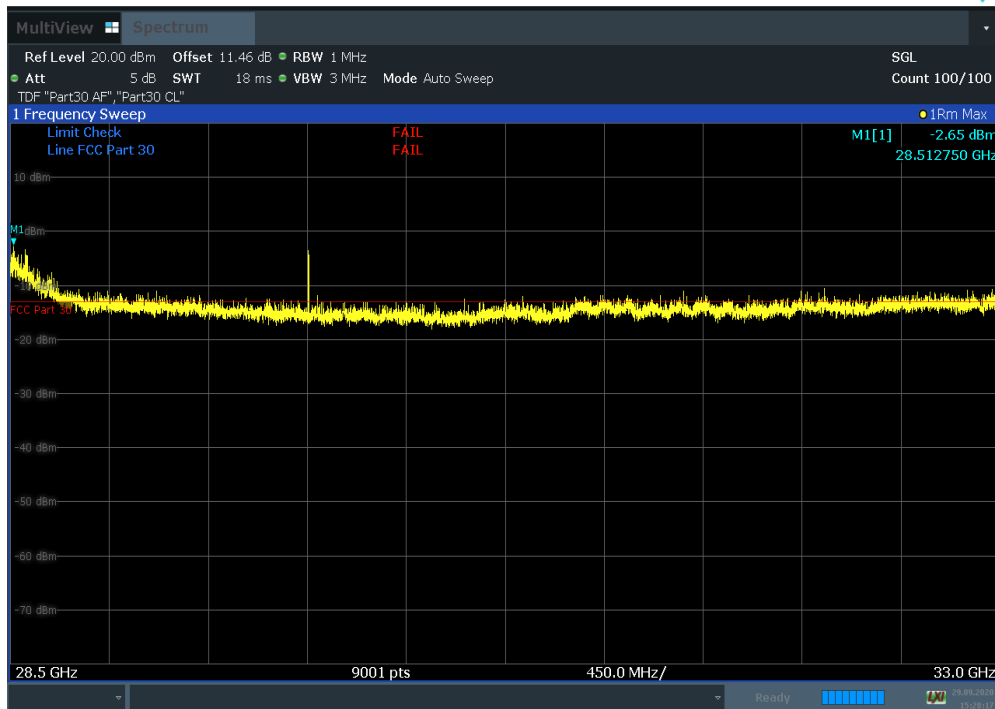


Plot 7-448. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
Low Ant. Angle 45)

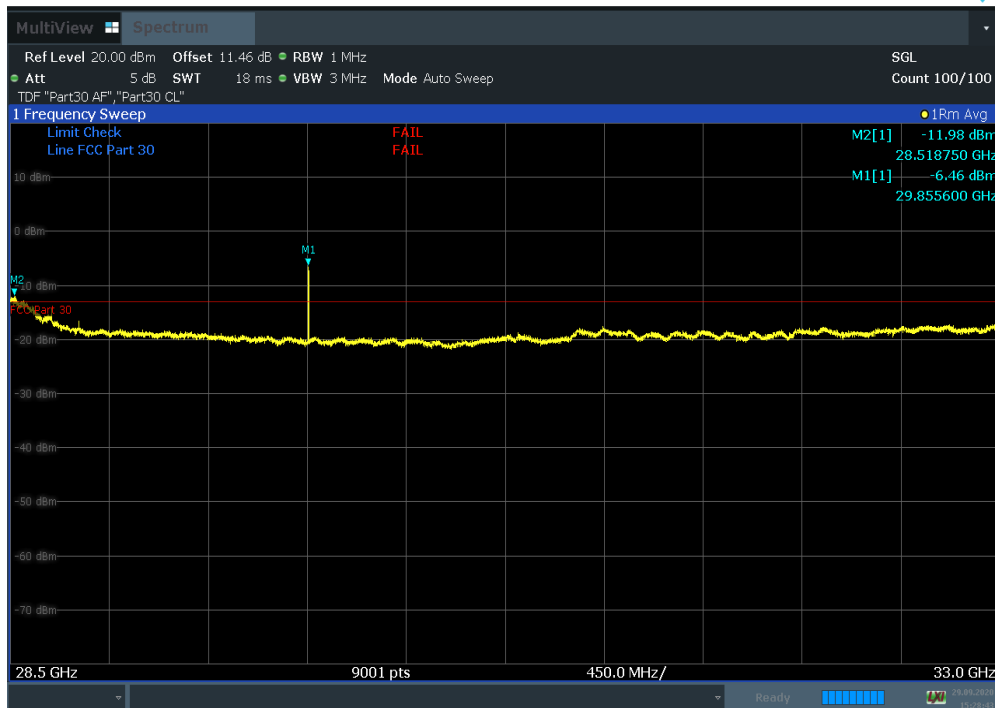


Plot 7-449. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
Low Ant. Angle 45, Final)

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 285 of 466

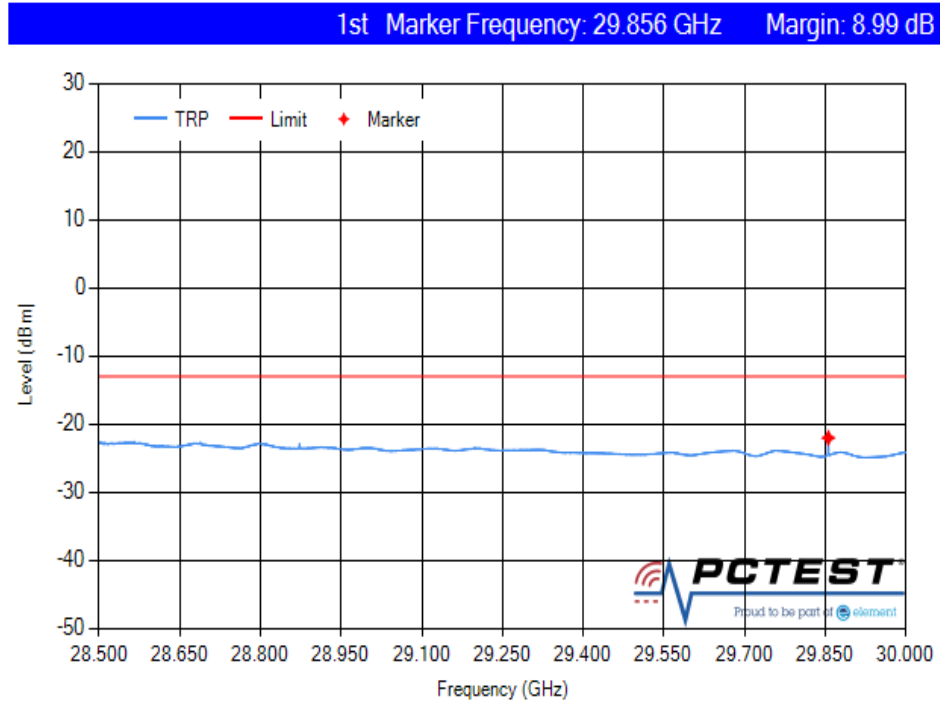


Plot 7-450. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
Low Ant. Angle 135)

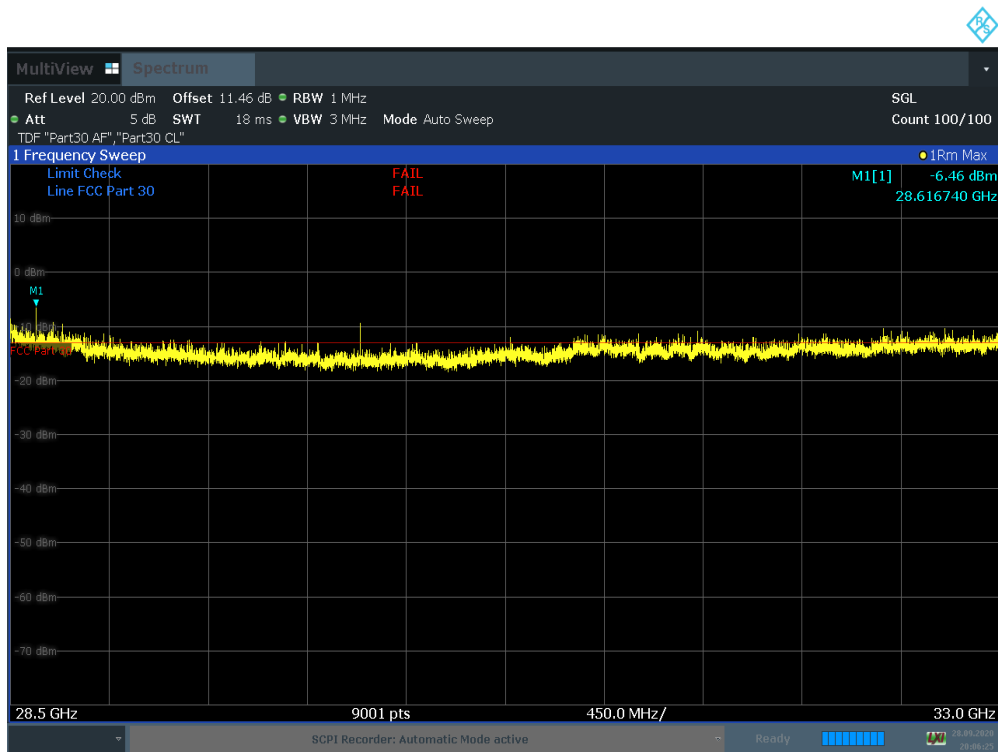


Plot 7-451. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK
Low Ant. Angle 135, Final)

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 286 of 466

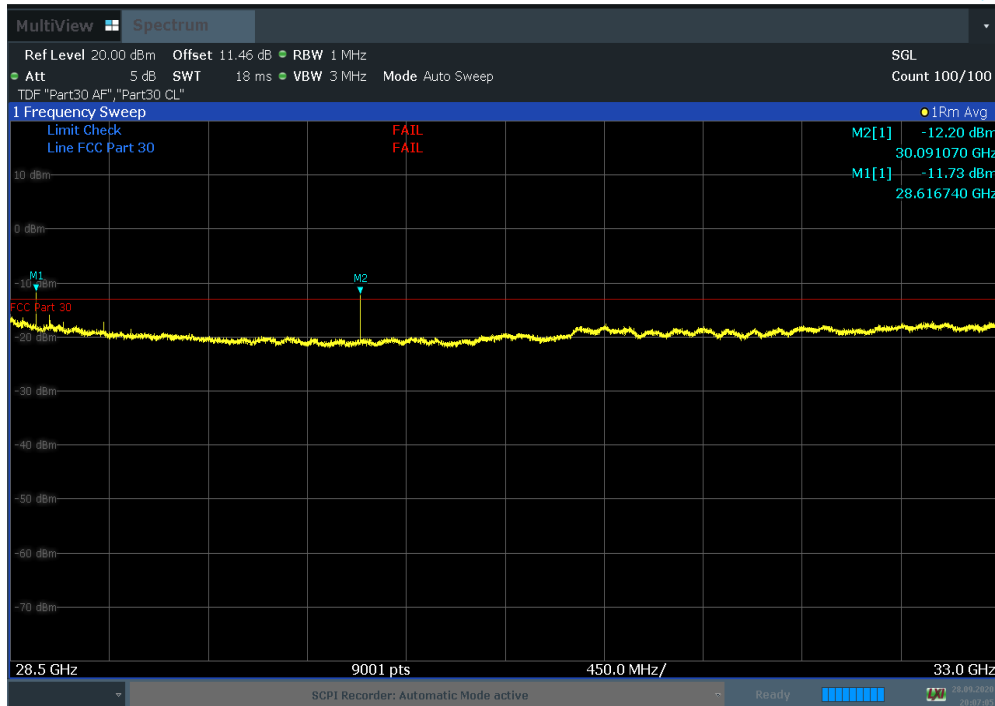


Plot 7-452. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Low TRP)

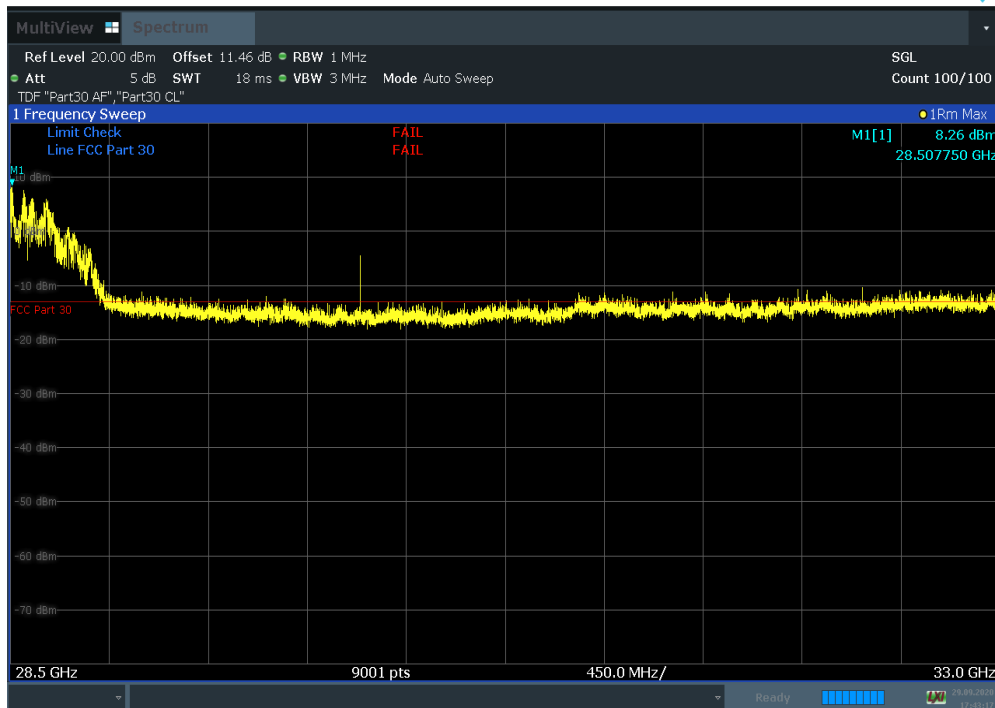


Plot 7-453. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 45)

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 287 of 466



Plot 7-454. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 45, Final)



Plot 7-455. RSE 28.5 GHz – 33 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 288 of 466