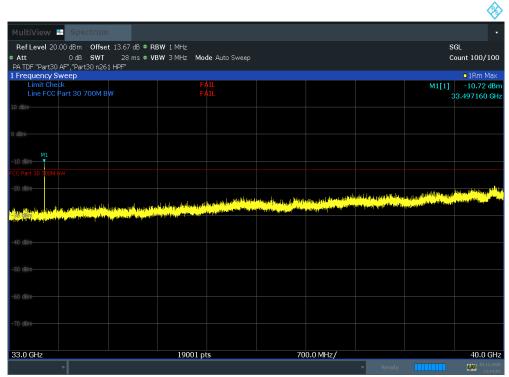


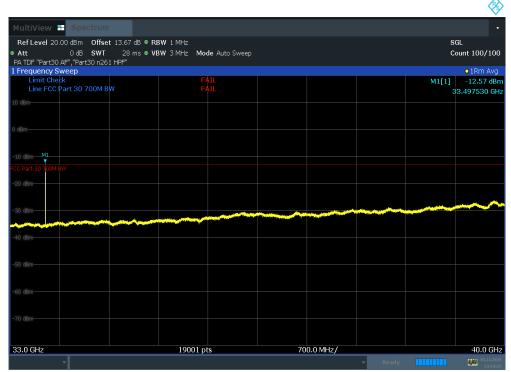
Plot 7-395. Radiated Spurious Plot 33 GHz - 40 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid Channel Pol. H) Fin



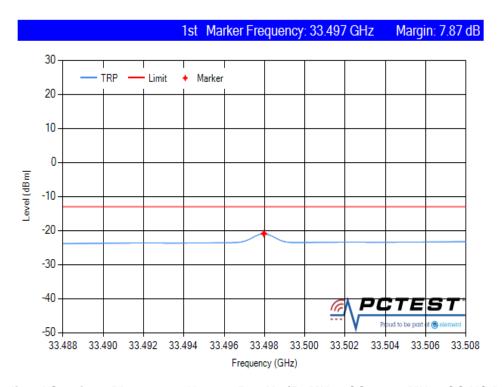
Plot 7-396. Radiated Spurious Plot 33 GHz - 40 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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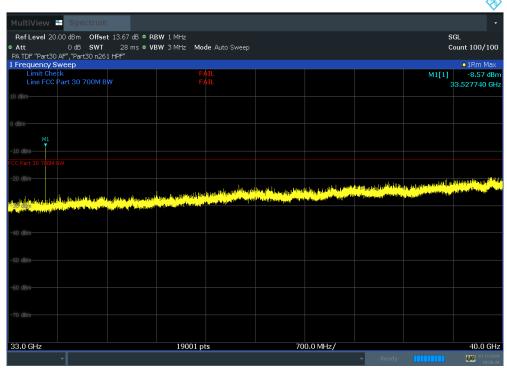
Plot 7-397. Radiated Spurious Plot 33 GHz - 40 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid Channel Pol. V) Fin



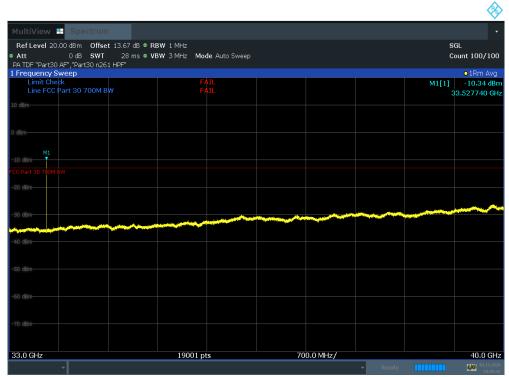
Plot 7-398. Radiated Spurious Plot 33.48 GHz - 33.51 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid TRP)

FCC ID: A3LAT1K01-A00	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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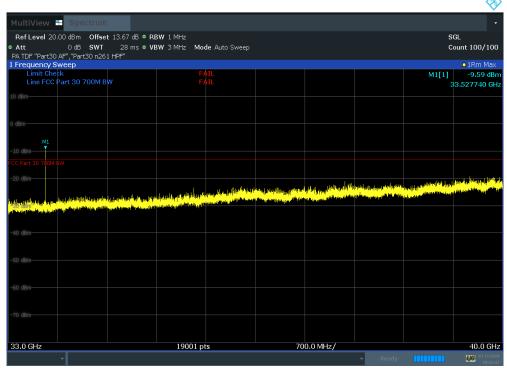
Plot 7-399. Radiated Spurious Plot 33 GHz - 40 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. H)



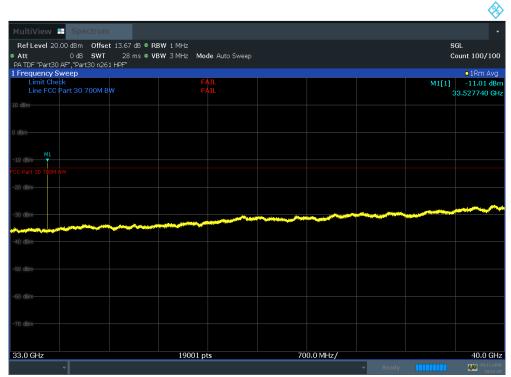
Plot 7-400. Radiated Spurious Plot 33 GHz - 40 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. H) Fin

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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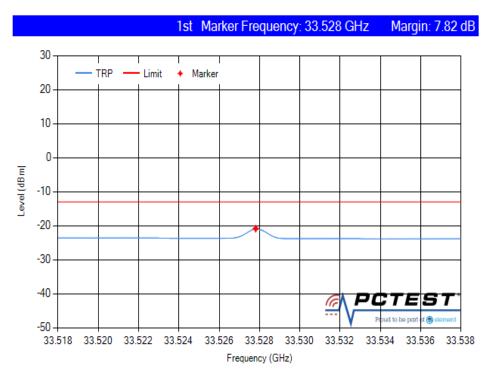
Plot 7-401. Radiated Spurious Plot 33 GHz - 40 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. V)



Plot 7-402. Radiated Spurious Plot 33 GHz - 40 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. V) Fin

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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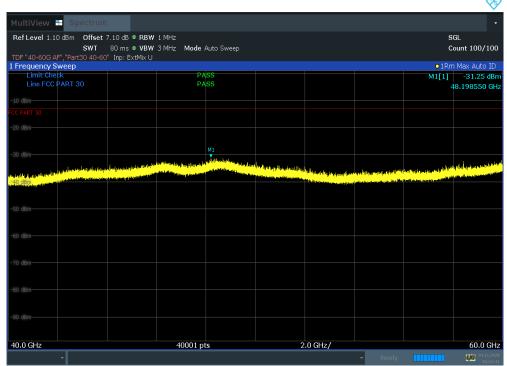


Plot 7-403. Radiated Spurious Plot 33.51 GHz - 33.54 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High TRP)

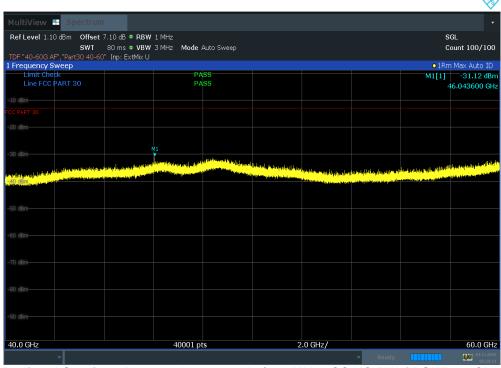
FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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Radiated Spurious Emissions Plots (40 GHz to 60 GHz) 7.5.6



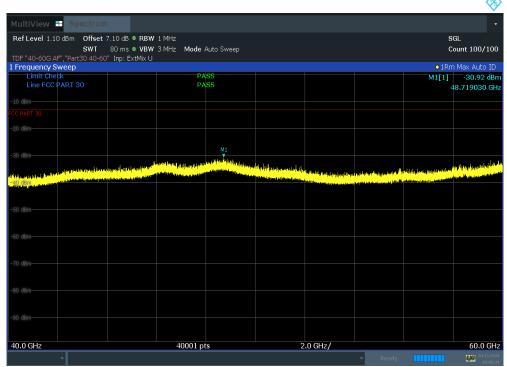
Plot 7-404. Radiated Spurious Plot 40 GHz - 60 GHz (100 MHz 4CC NC BW QPSK Low Channel Pol. H)



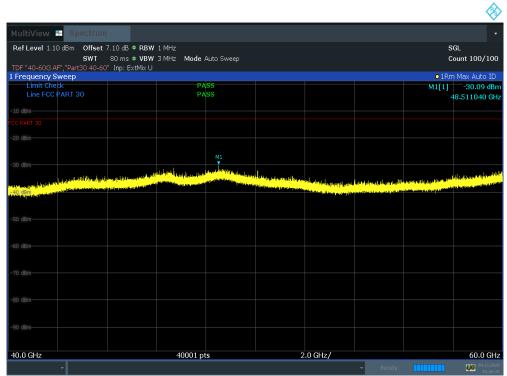
Plot 7-405. Radiated Spurious Plot 40 GHz - 60 GHz (100 MHz 4CC NC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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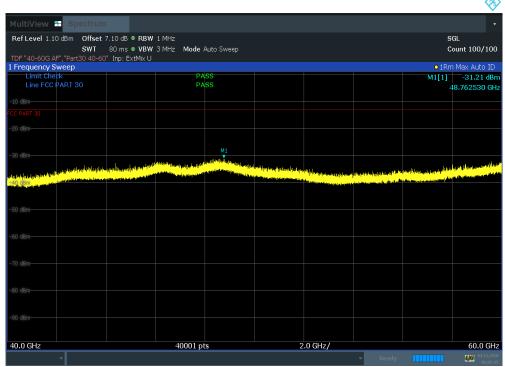
Plot 7-406. Radiated Spurious Plot 40 GHz - 60 GHz (100 MHz 4CC NC BW QPSK Mid Channel Pol. H)



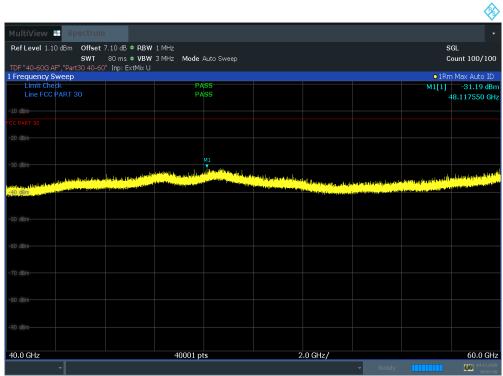
Plot 7-407. Radiated Spurious Plot 40 GHz - 60 GHz (100 MHz 4CC NC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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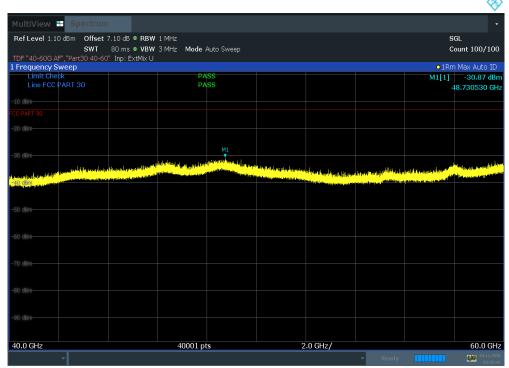
Plot 7-408. Radiated Spurious Plot 40 GHz - 60 GHz (100 MHz 4CC NC BW QPSK High Channel Pol. H)



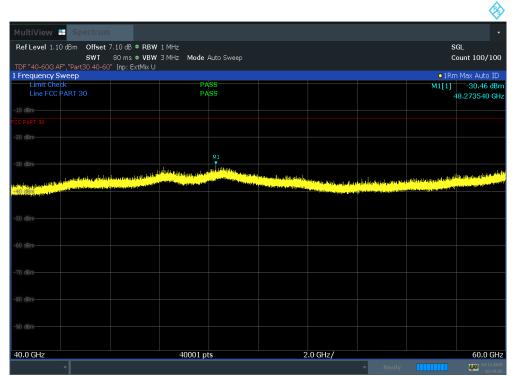
Plot 7-409. Radiated Spurious Plot 40 GHz - 60 GHz (100 MHz 4CC NC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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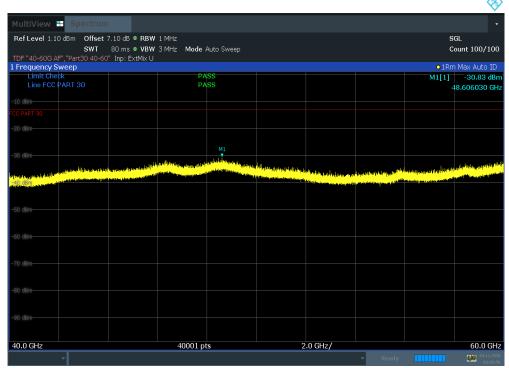
Plot 7-410. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Low Channel Pol. H)



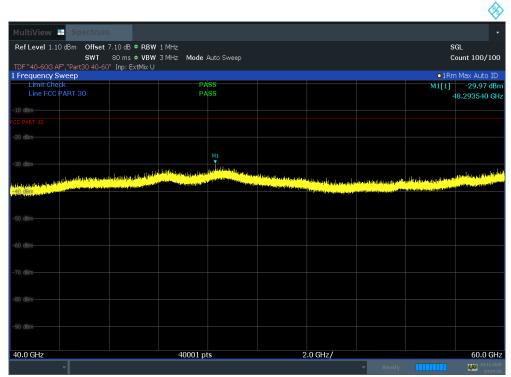
Plot 7-411. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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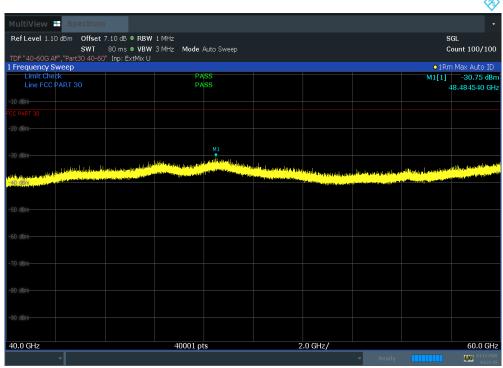
Plot 7-412. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Mid Channel Pol. H)



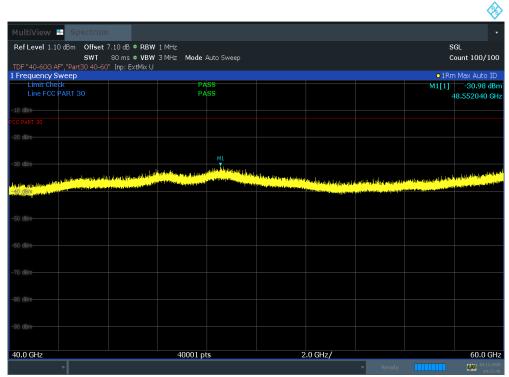
Plot 7-413. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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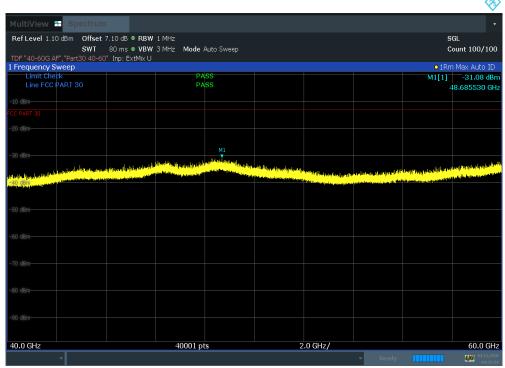
Plot 7-414. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK High Channel Pol. H)



Plot 7-415. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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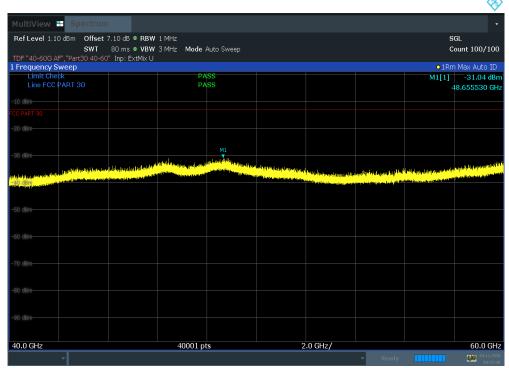
Plot 7-416. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low Channel Pol. H)



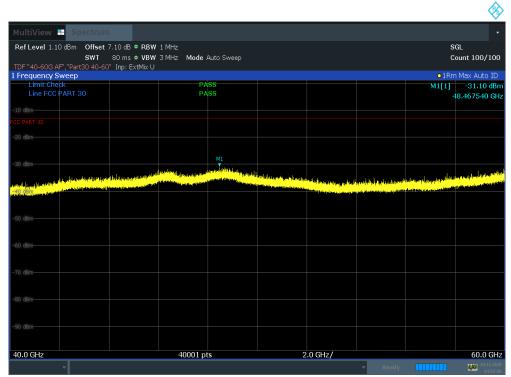
Plot 7-417. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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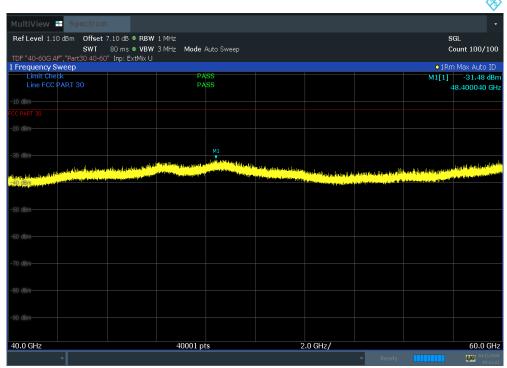
Plot 7-418. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Mid Channel Pol. H)



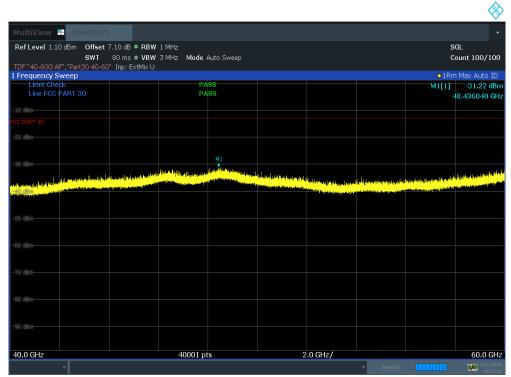
Plot 7-419. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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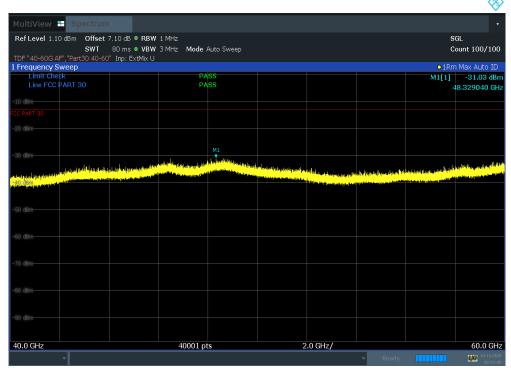
Plot 7-420. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK High Channel Pol. H)



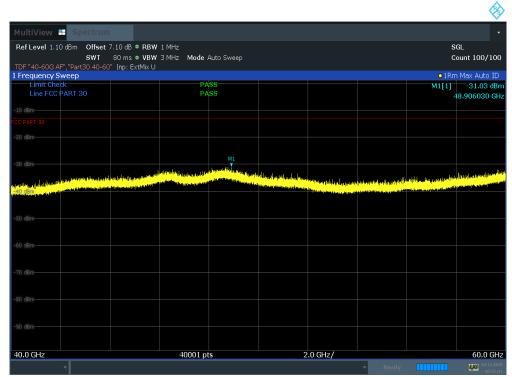
Plot 7-421. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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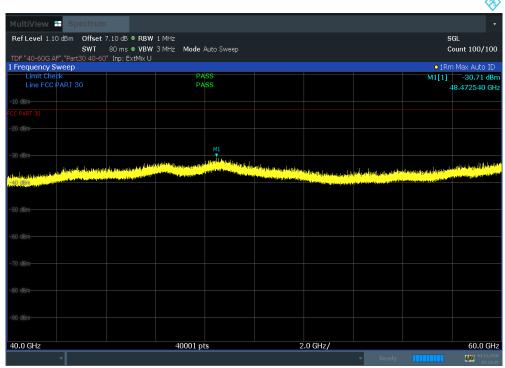
Plot 7-422. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Low Channel Pol. H)



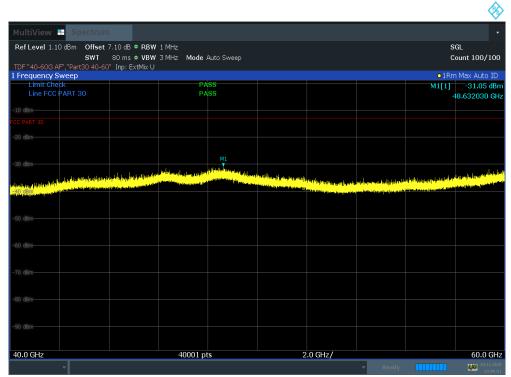
Plot 7-423. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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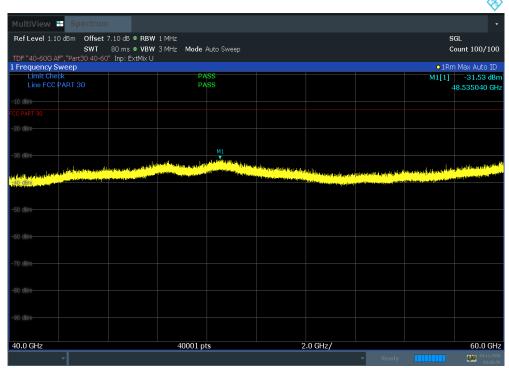
Plot 7-424. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Mid Channel Pol. H)



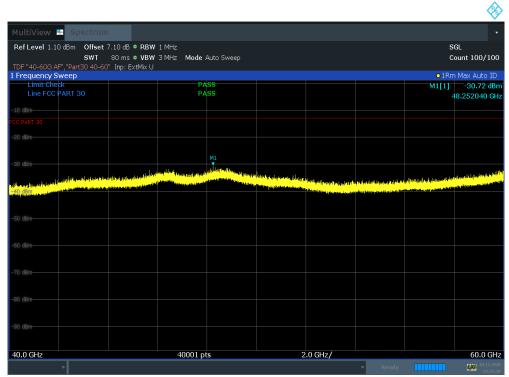
Plot 7-425. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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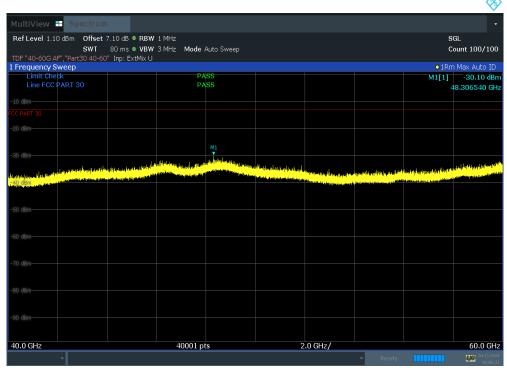
Plot 7-426. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK High Channel Pol. H)



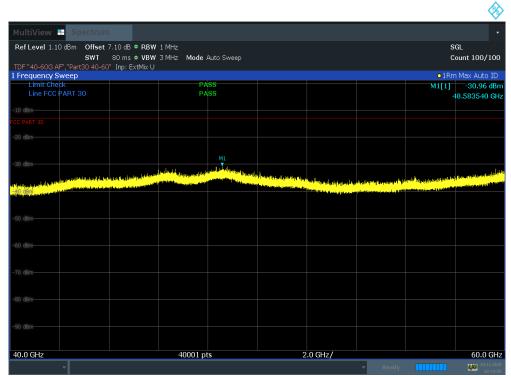
Plot 7-427. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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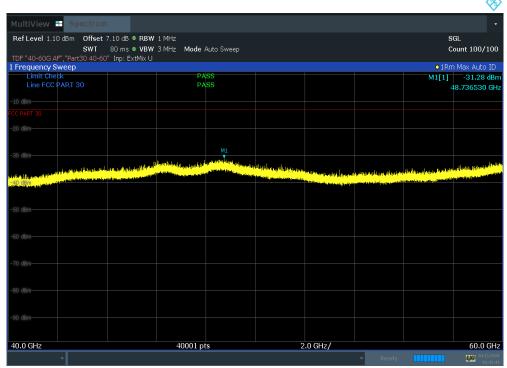
Plot 7-428. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Low Channel Pol. H)



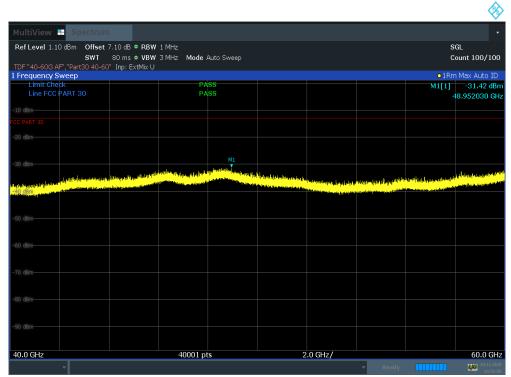
Plot 7-429. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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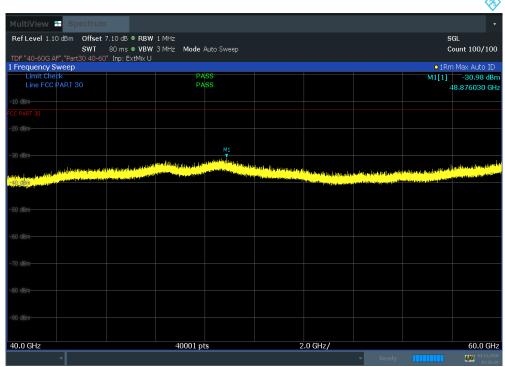
Plot 7-430. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid Channel Pol. H)



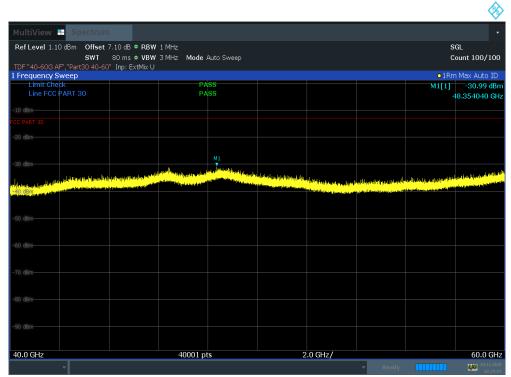
Plot 7-431. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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Plot 7-432. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. H)

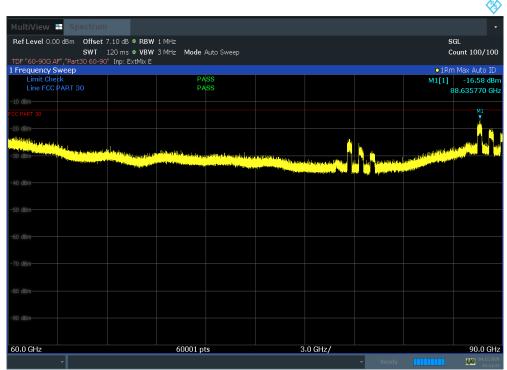


Plot 7-433. Radiated Spurious Plot 40 GHz - 60 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. V)

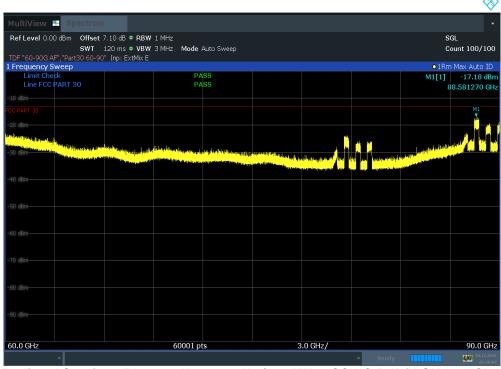
FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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Radiated Spurious Emissions Plots (60 GHz to 90 GHz) 7.5.7



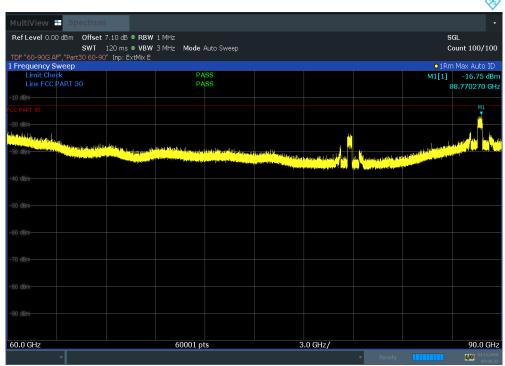
Plot 7-434. Radiated Spurious Plot 60 GHz - 90 GHz (100 MHz 4CC NC BW QPSK Low Channel Pol. H)



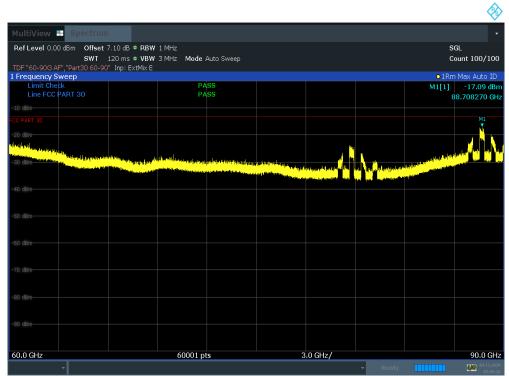
Plot 7-435. Radiated Spurious Plot 60 GHz - 90 GHz (100 MHz 4CC NC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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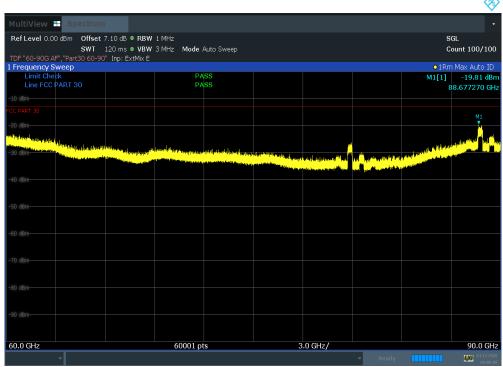
Plot 7-436. Radiated Spurious Plot 60 GHz - 90 GHz (100 MHz 4CC NC BW QPSK Mid Channel Pol. H)



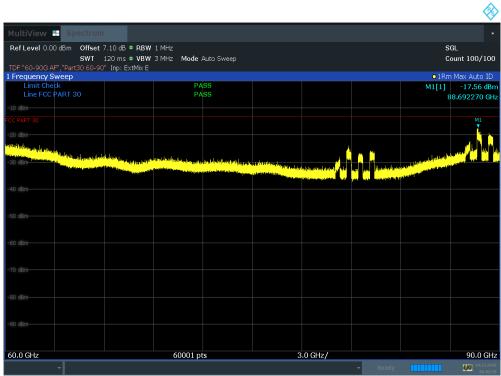
Plot 7-437. Radiated Spurious Plot 60 GHz - 90 GHz (100 MHz 4CC NC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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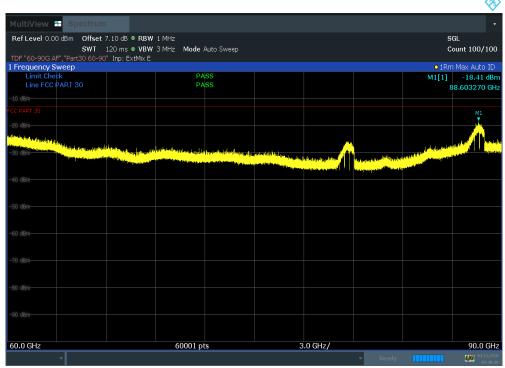
Plot 7-438. Radiated Spurious Plot 60 GHz - 90 GHz (100 MHz 4CC NC BW QPSK High Channel Pol. H)



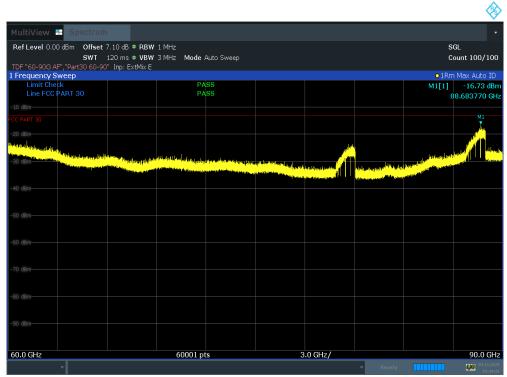
Plot 7-439. Radiated Spurious Plot 60 GHz - 90 GHz (100 MHz 4CC NC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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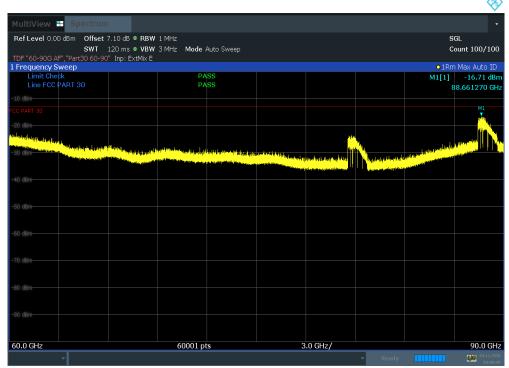
Plot 7-440. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Low Channel Pol. H)



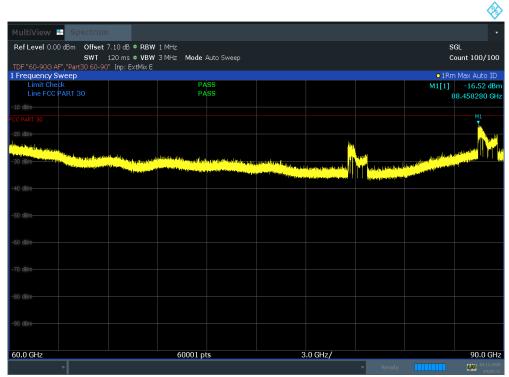
Plot 7-441. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Quality Manager
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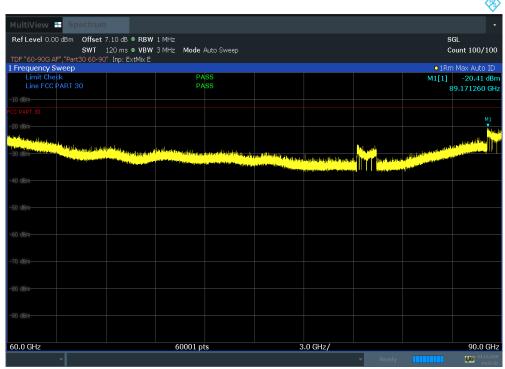
Plot 7-442. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Mid Channel Pol. H)



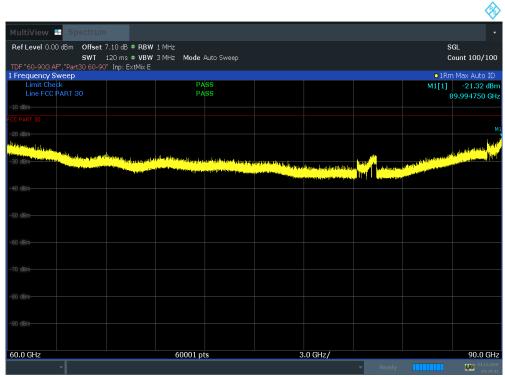
Plot 7-443. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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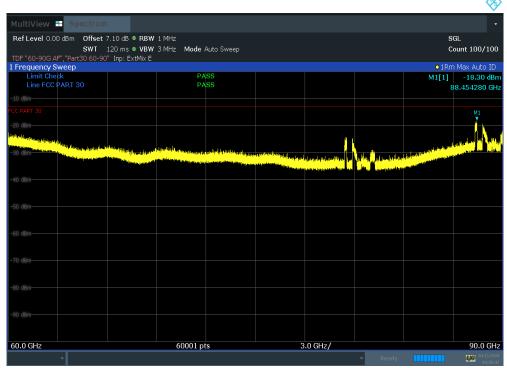
Plot 7-444. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK High Channel Pol. H)



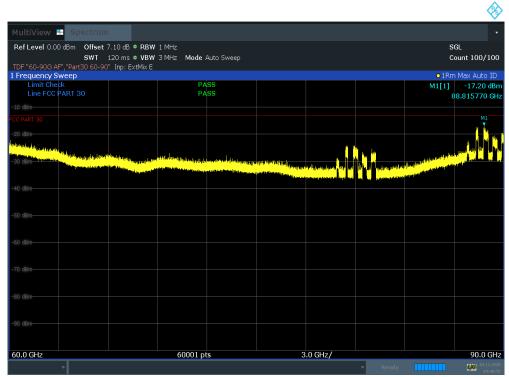
Plot 7-445. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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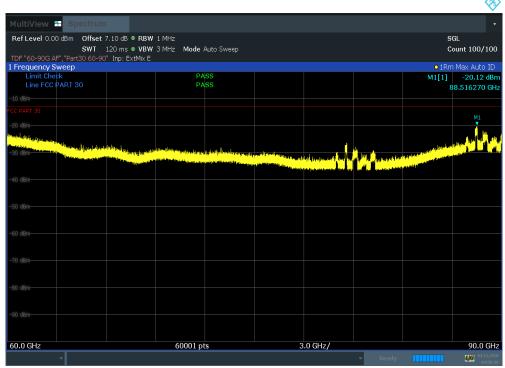
Plot 7-446. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low Channel Pol. H)



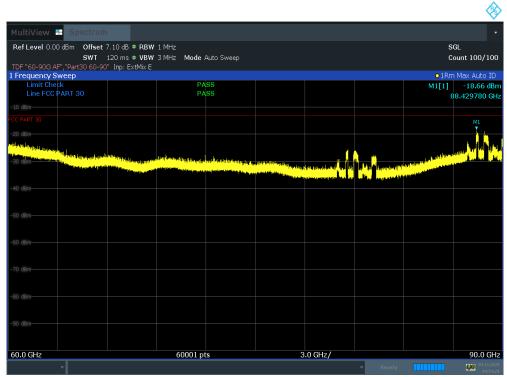
Plot 7-447. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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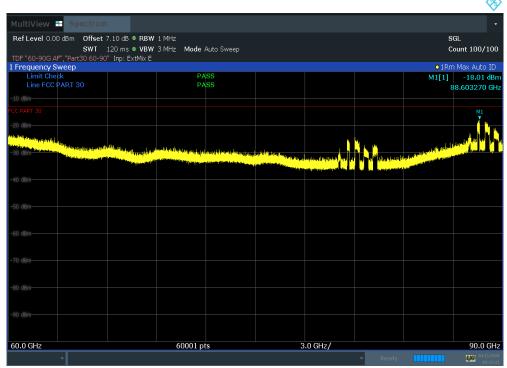
Plot 7-448. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Mid Channel Pol. H)



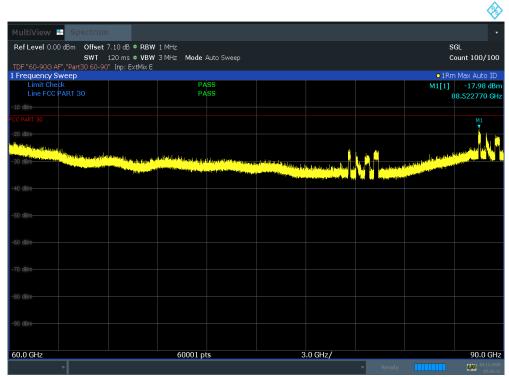
Plot 7-449. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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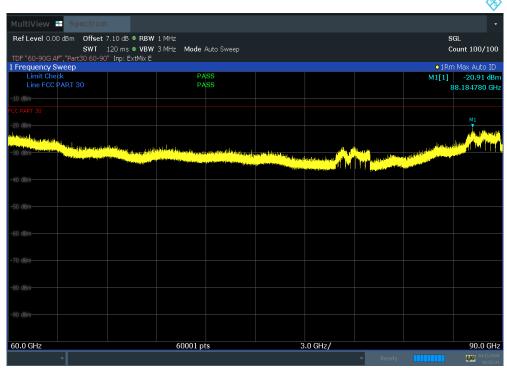
Plot 7-450. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK High Channel Pol. H)



Plot 7-451. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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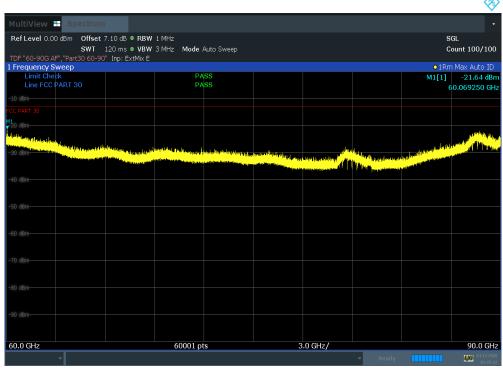
Plot 7-452. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Low Channel Pol. H)



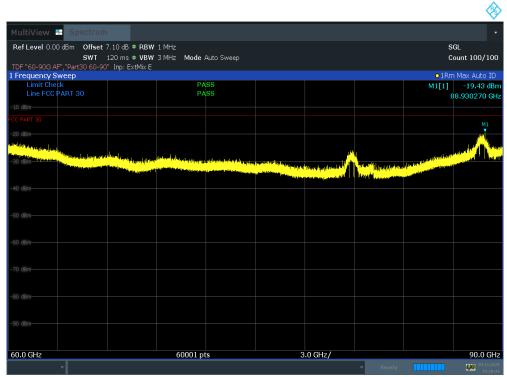
Plot 7-453. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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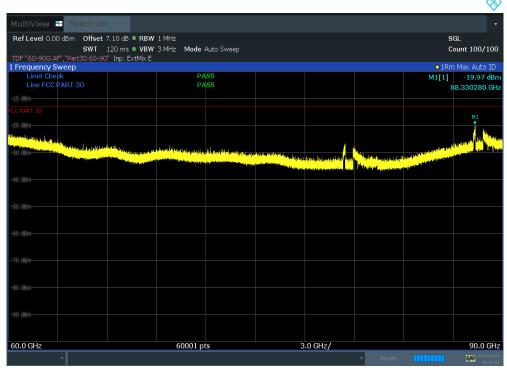
Plot 7-454. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Mid Channel Pol. H)



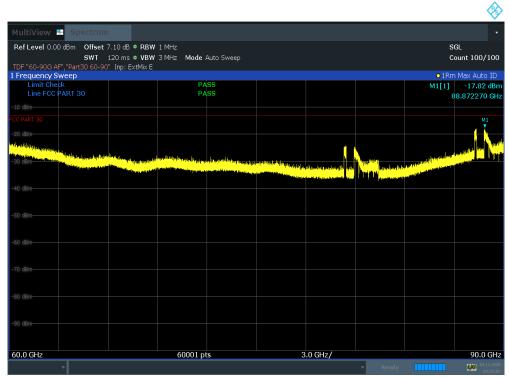
Plot 7-455. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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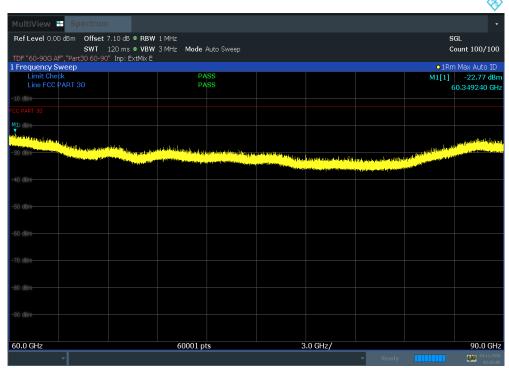
Plot 7-456. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK High Channel Pol. H)



Plot 7-457. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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Plot 7-458. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Low Channel Pol. H)



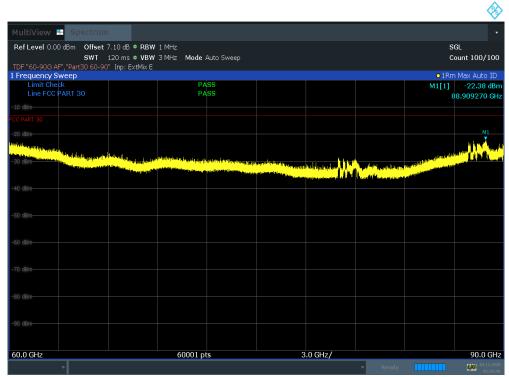
Plot 7-459. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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Plot 7-460. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid Channel Pol. H)



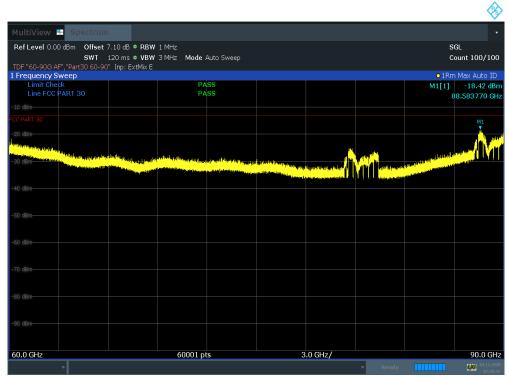
Plot 7-461. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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Plot 7-462. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. H)

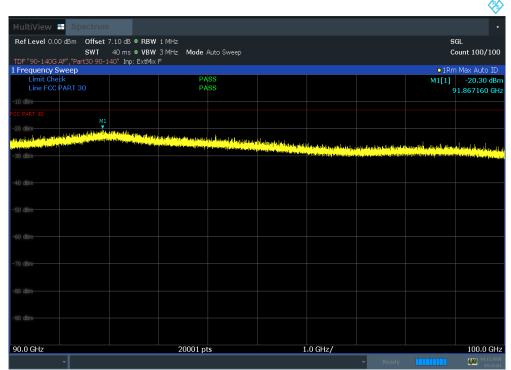


Plot 7-463. Radiated Spurious Plot 60 GHz - 90 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. V)

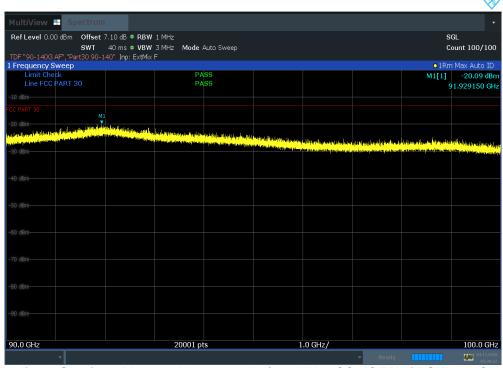
FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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Radiated Spurious Emissions Plots (90 GHz - 100 GHz) 7.5.8



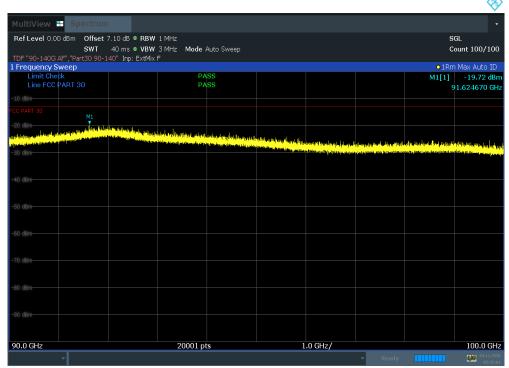
Plot 7-464. Radiated Spurious Plot 90 GHz - 100 GHz (100 MHz 4CC NC BW QPSK Low Channel Pol. H)



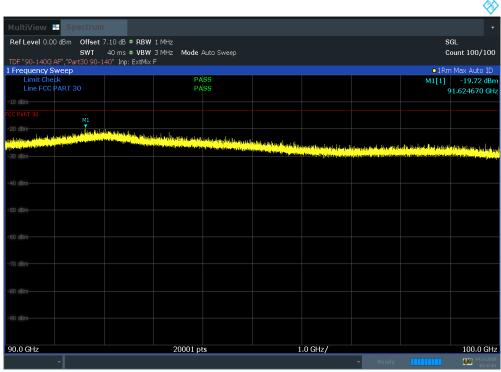
Plot 7-465. Radiated Spurious Plot 90 GHz - 100 GHz (100 MHz 4CC NC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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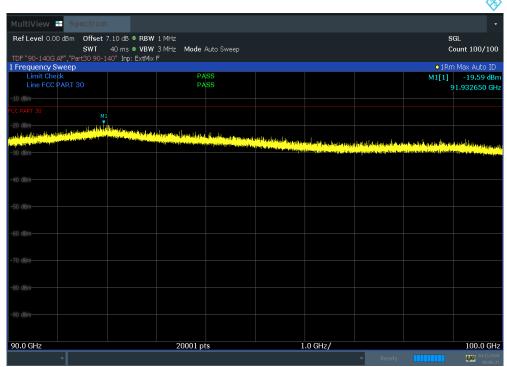
Plot 7-466. Radiated Spurious Plot 90 GHz - 100 GHz (100 MHz 4CC NC BW QPSK Mid Channel Pol. H)



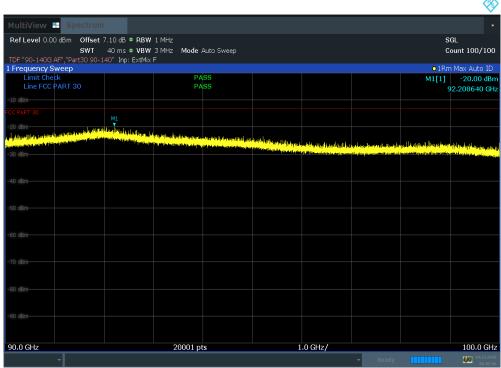
Plot 7-467. Radiated Spurious Plot 90 GHz - 100 GHz (100 MHz 4CC NC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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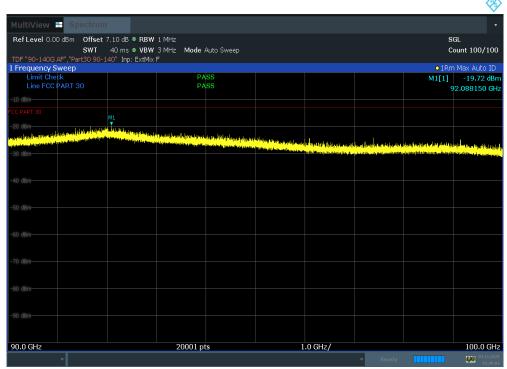
Plot 7-468. Radiated Spurious Plot 90 GHz - 100 GHz (100 MHz 4CC NC BW QPSK High Channel Pol. H)



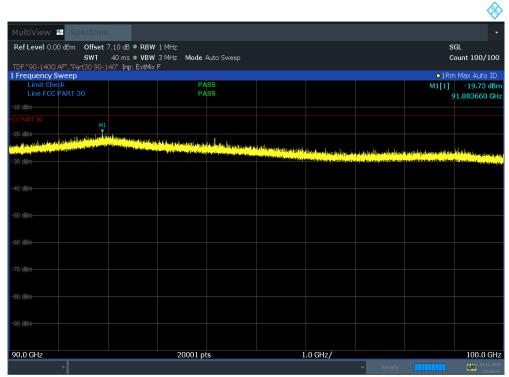
Plot 7-469. Radiated Spurious Plot 90 GHz - 100 GHz (100 MHz 4CC NC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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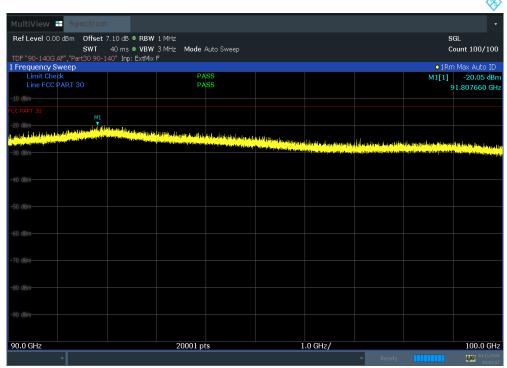
Plot 7-470. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Low Channel Pol. H)



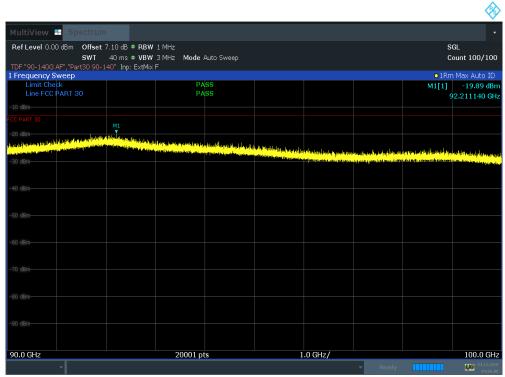
Plot 7-471. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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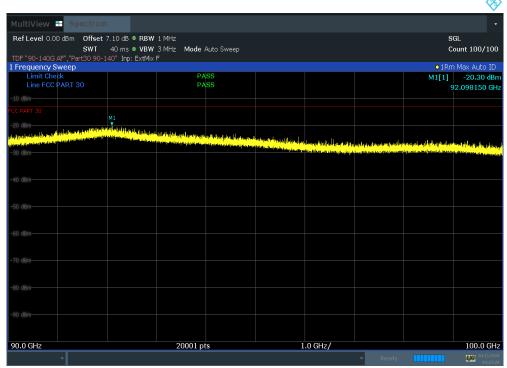
Plot 7-472. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Mid Channel Pol. H)



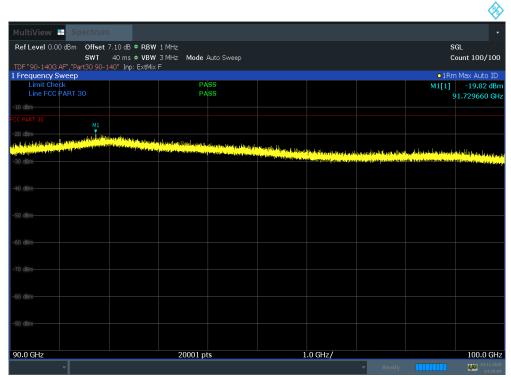
Plot 7-473. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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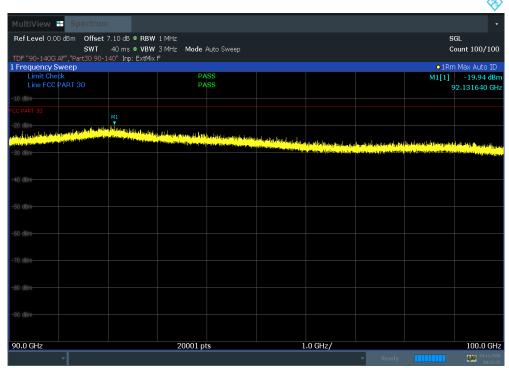
Plot 7-474. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK High Channel Pol. H)



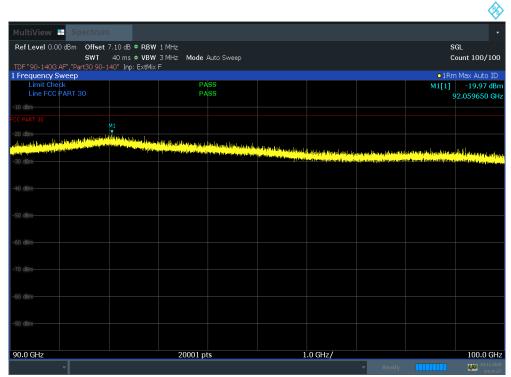
Plot 7-475. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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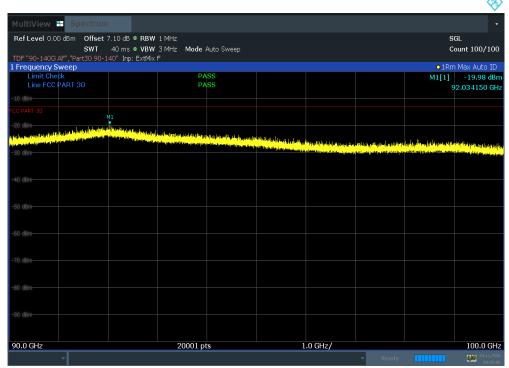
Plot 7-476. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low Channel Pol. H)



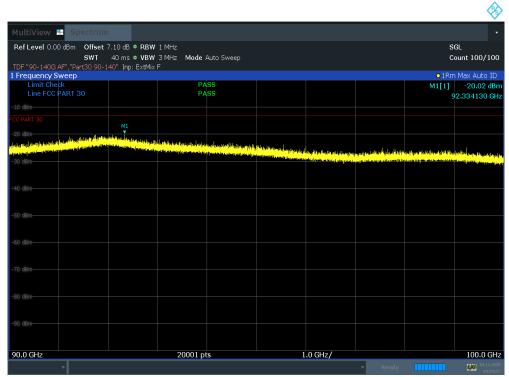
Plot 7-477. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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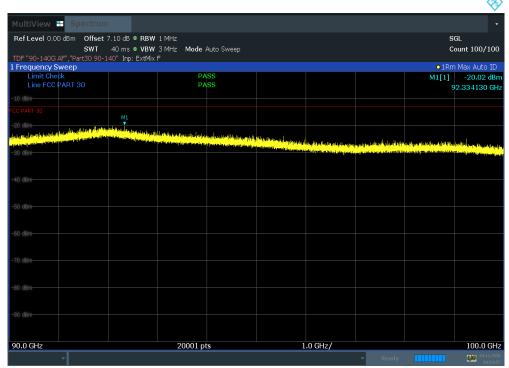
Plot 7-478. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Mid Channel Pol. H)



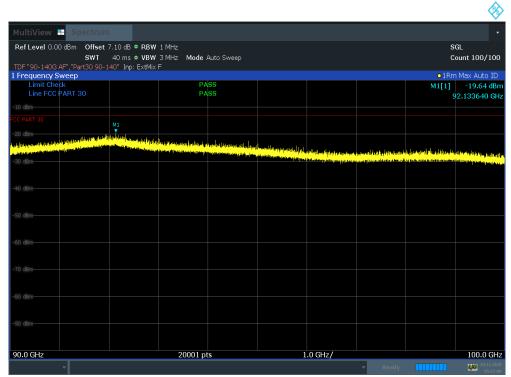
Plot 7-479. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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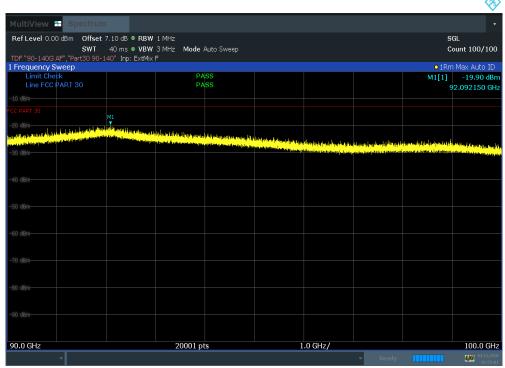
Plot 7-480. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK High Channel Pol. H)



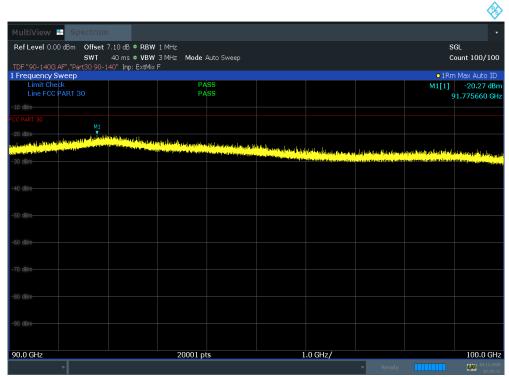
Plot 7-481. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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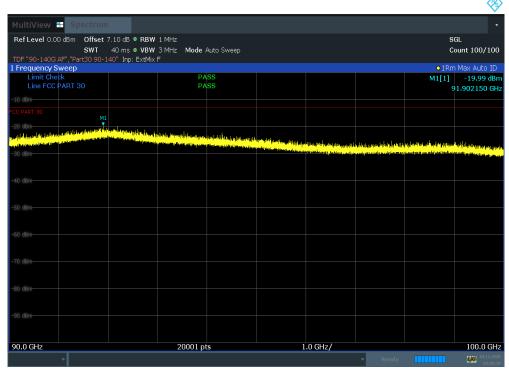
Plot 7-482. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Low Channel Pol. H)



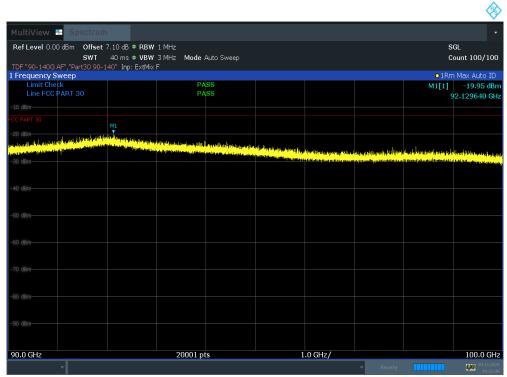
Plot 7-483. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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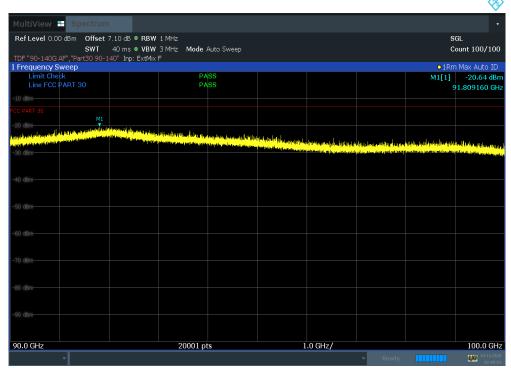
Plot 7-484. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Mid Channel Pol. H)



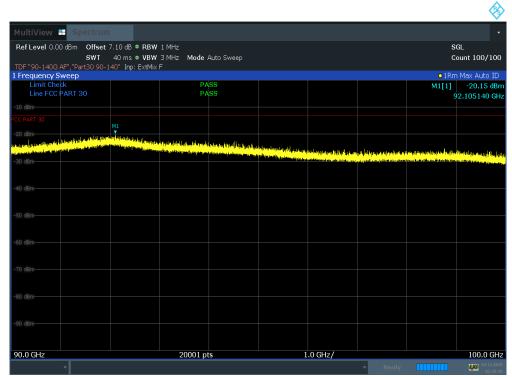
Plot 7-485. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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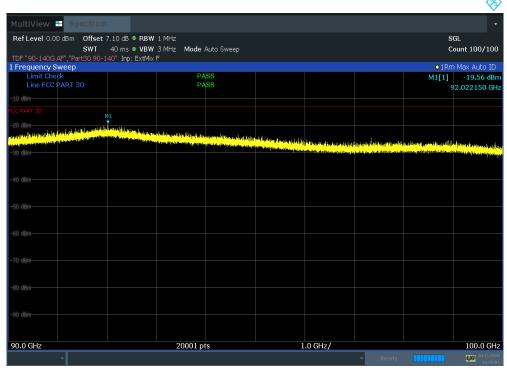
Plot 7-486. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK High Channel Pol. H)



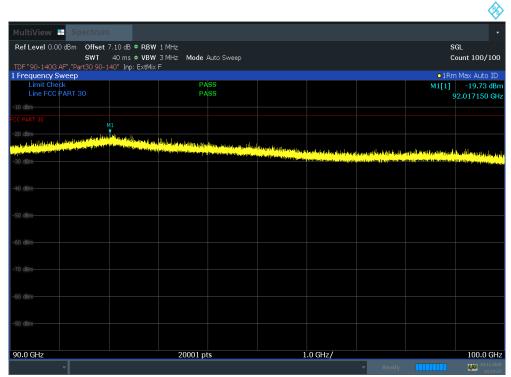
Plot 7-487. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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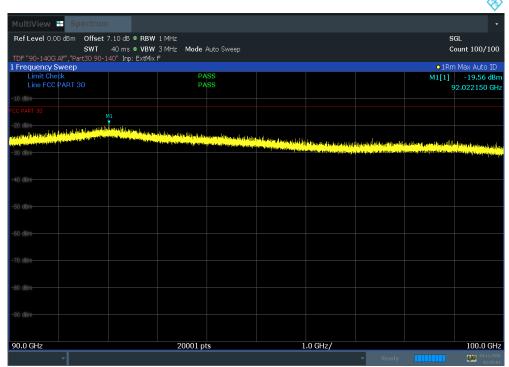
Plot 7-488. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Low Channel Pol. H)



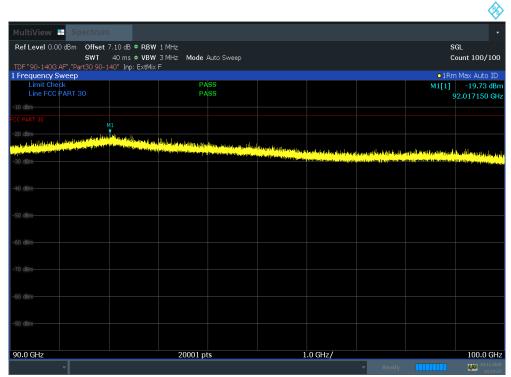
Plot 7-489. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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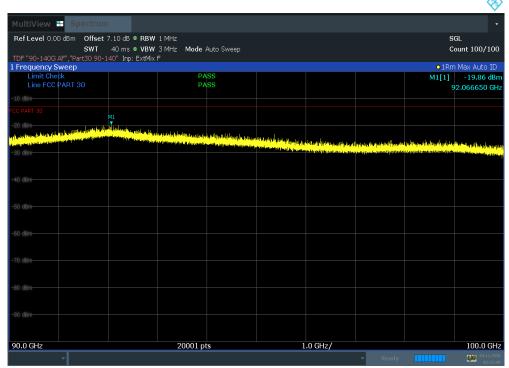
Plot 7-490. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid Channel Pol. H)



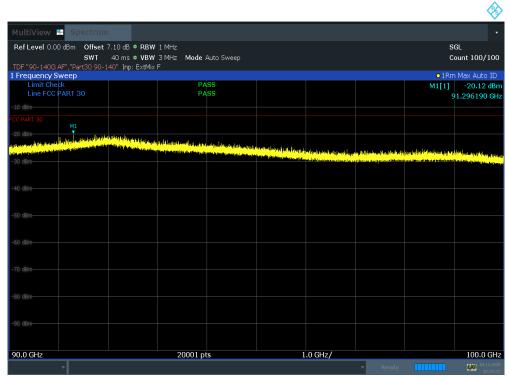
Plot 7-491. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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Plot 7-492. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. H)



Plot 7-493. Radiated Spurious Plot 90 GHz - 100 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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Band Edge Emissions 7.6

§2.1051 §30.203

Test Overview

All out of band emissions are measured in a radiated setup while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All modulations were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

The minimum permissible attenuation level of any spurious emission is -13 dBm / 1 MHz. However, in the bands immediately outside and adjacent to the licensee's frequency block, having a bandwidth equal to 10 percent of the channel bandwidth, the conductive power or the total radiated power of any emission shall be -5 dBm / MHz or lower.

Test Procedure Used

ANSI C63,26-2015 Section 5.7.3 ANSI C63.26-2015 Section 6.4 KDB 842590 D01 v01r01 Section 4.4.2.5

Test Settings

- 1. Start and stop frequency were set such that both upper and lower band edges are measured.
- 2. Span was set large enough so as to capture all out of band emissions near the band edge
- 3. RBW = 1 MHz
- 4. $VBW > 3 \times RBW$
- 5. Detector = RMS
- 6. Number of sweep points ≥ 2 x Span/RBW
- 7. Trace mode = trace average
- 8. Sweep time = auto couple
- 9. The trace was allowed to stabilize

Test Notes

- 1) The EUT was tested while positioned upright and mounted on a mast 1.5 m height. The worst case emissions are reported with the EUT in this fixed position and with the modulations and active component carriers shown in the tables below.
- 2) All measurements in this section was performed in the radiated setup in the far field.
- 3) All appropriate Antenna Factor, Cable Loss, and Duty Correction factor have been applied in the spectrum analyzer for each measurement. Additionally, band Edge measurements in this section are shown as equivalent conductive powers for direct comparison to the 30.203 limit. The conductive power at the band edge is calculated by subtracting the gain of the EUT's antenna from the measured EIRP level. Antenna Gain information is shown on the following page.
- 4) For band edge measurement of the receive horn antenna was maximized on Antenna A were individually energized and measured while maintaining maximized position on Antenna A. These measurements were saved into a spreadsheet and their spectra were summed to determine the total conducted power for the band edge emissions level shown starting in Section 7.6.5. The same procedure was repeated with the receive horn antenna maximized on Antennas B, C, and D.

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- 5) The MIMO Band Edges were calculated by using the "measure and sum the spectra across the outputs" technique specified in Section 6.4.3.2.2 of ANSI C63.26-2015. The spectra were summed linearly and converted to dBm for comparison with the limit.
- 10% outside of the channel bandwidth result should be referred from 7.5 Radiated Spurious and Harmonic Emissions due to EUT Antenna subtraction calculation adoption. Thus, some failure results are performed of TRP measurement adopted.

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Antenna Gain Information at the Band Edge

The following antenna gain information is provided to demonstrate the antenna performance of the 27 to 28.85 GHz band. These antenna gains were subtracted from the measured EIRP levels at the lower and upper band edge frequencies to determine an equivalent conductive power that was compared directly with the §30.203 limits.

Frequency [GHz]	Channel	Antenna Gain [dBi]
27.50	Low	28.12
28.35	High	28.33

Table 7-22. Antenna Gains at the Band Edges

Sample Analyzer Offset Calculation (at 27.50 GHz)

Measurement Antenna Factor = 39.54 dB/m

Cable Loss = 7.56 dB

Far Field Distance = 3.20 m

EUT Antenna Gain = 28.12 dBi

Duty Cycle Correction Factor = 1.37 dB

Sample Analyzer Offset Calculation (at 28.35 GHz)

Measurement Antenna Factor = 39.74 dB/m

Cable Loss = 7.77 dB

Far Field Distance = 3.20 m

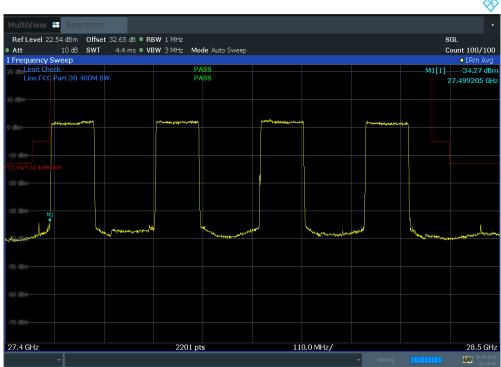
EUT Antenna Gain = 28.33 dBi

Duty Cycle Correction Factor = 1.37 dB

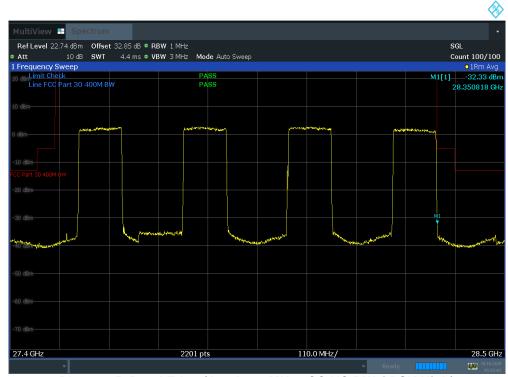
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Antenna A Conducted Band Edge Maximized on Antenna A 7.6.2



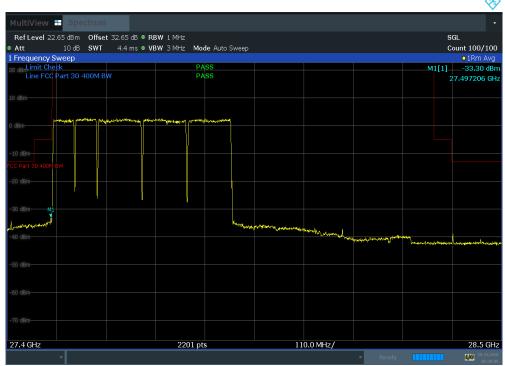
Plot 7-494. Band Edge (Ant A 100 MHz 4CC NC BW QPSK Low)



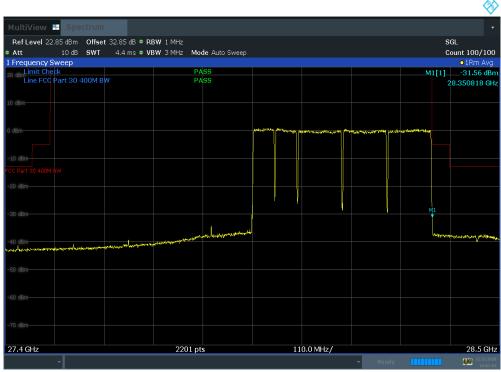
Plot 7-495. Band Edge (Ant A100 MHz 4CC NC BW QPSK High)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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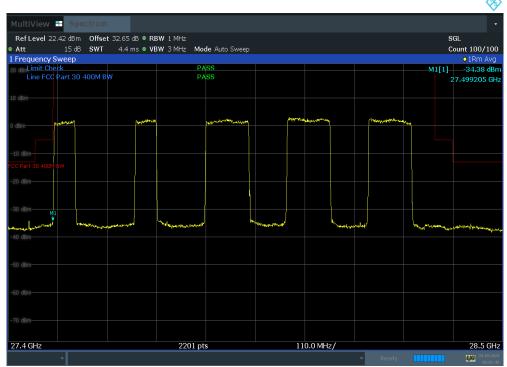
Plot 7-496. Band Edge (Ant A 50 MHz 2CC + 100 MHz 3CC BW QPSK Low)



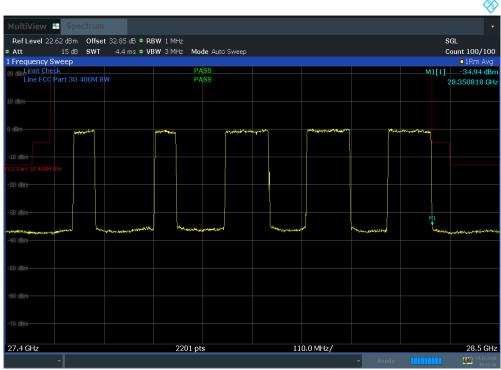
Plot 7-497. Band Edge (Ant A 50 MHz 2CC + 100 MHz 3CC BW QPSK High)

FCC ID: A3LAT1K01-A00	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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Plot 7-498. Band Edge (Ant A 50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low)



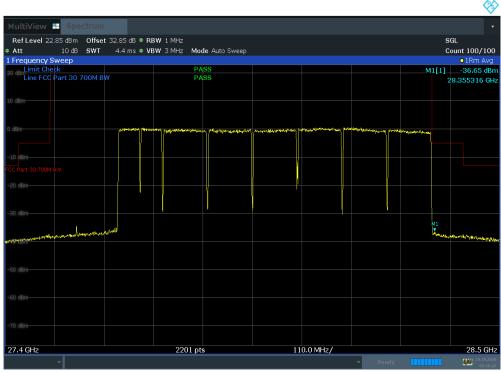
Plot 7-499. Band Edge (Ant A 50 MHz 2CC + 100 MHz 3CC NC BW QPSK High)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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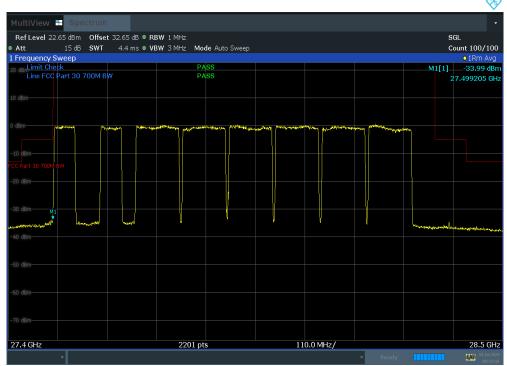
Plot 7-500. Band Edge (Ant A 50 MHz 2CC + 100 MHz 6CC BW QPSK Low)



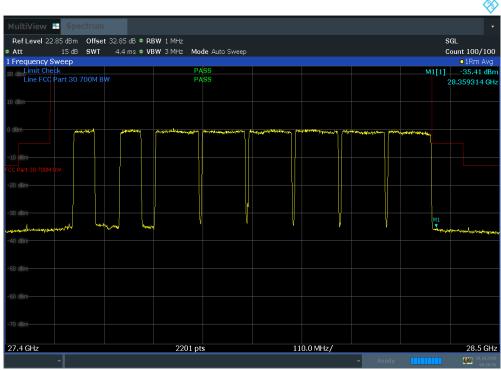
Plot 7-501. Band Edge (Ant A 50 MHz 2CC + 100 MHz 6CC BW QPSK High)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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Plot 7-502. Band Edge (Ant A 50 MHz 2CC + 100 MHz 6CC NC BW QPSK Low)

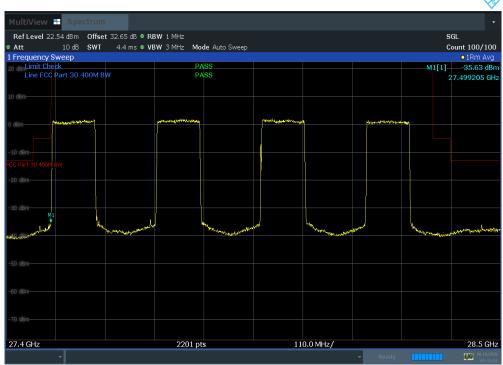


Plot 7-503. Band Edge (Ant A 50 MHz 2CC + 100 MHz 6CC NC BW QPSK High)

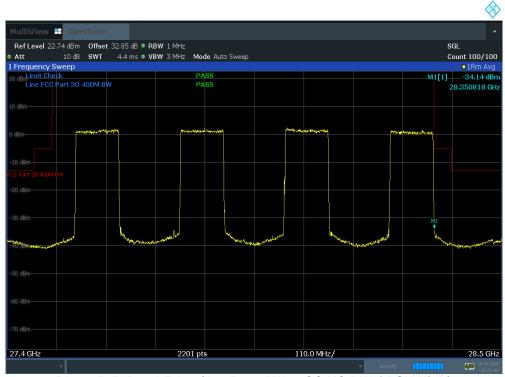
FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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Antenna B Conducted Band Edge Maximized on Antenna B 7.6.3



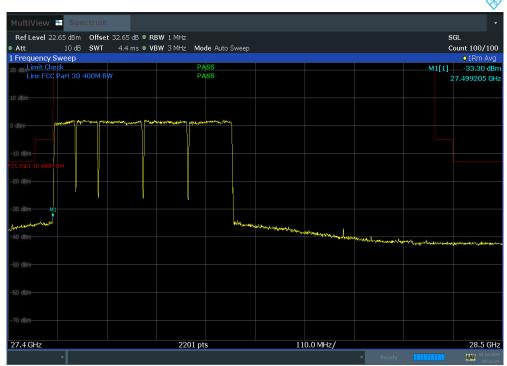
Plot 7-504. Band Edge (Ant B 100 MHz 4CC NC BW QPSK Low)



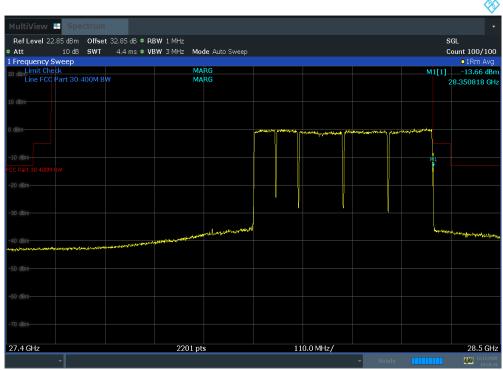
Plot 7-505. Band Edge (Ant B100 MHz 4CC NC BW QPSK High)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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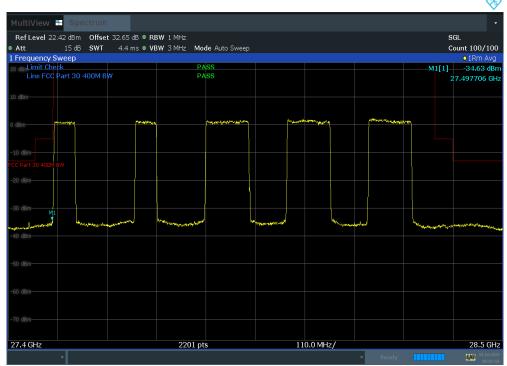
Plot 7-506. Band Edge (Ant B 50 MHz 2CC + 100 MHz 3CC BW QPSK Low)



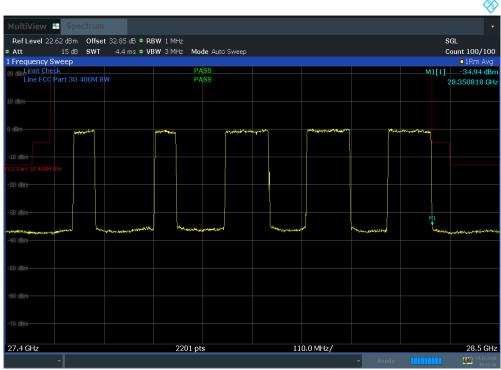
Plot 7-507. Band Edge (Ant B 50 MHz 2CC + 100 MHz 3CC BW QPSK High)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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Plot 7-508. Band Edge (Ant B 50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low)



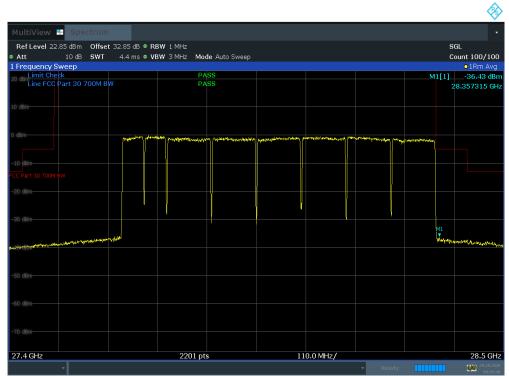
Plot 7-509. Band Edge (Ant B 50 MHz 2CC + 100 MHz 3CC NC BW QPSK High)

FCC ID: A3LAT1K01-A00	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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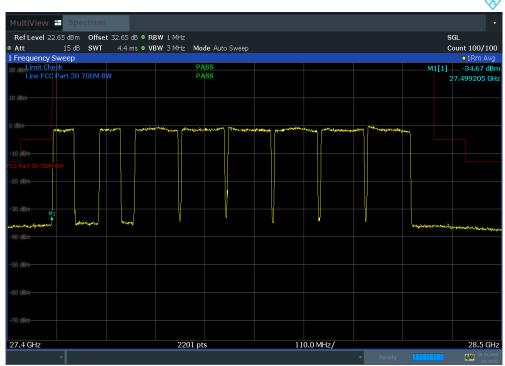
Plot 7-510. Band Edge (Ant B 50 MHz 2CC + 100 MHz 6CC BW QPSK Low)



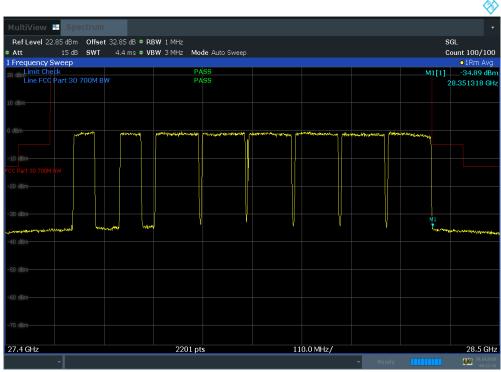
Plot 7-511. Band Edge (Ant B 50 MHz 2CC + 100 MHz 6CC BW QPSK High)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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Plot 7-512. Band Edge (Ant B 50 MHz 2CC + 100 MHz 6CC NC BW QPSK Low)

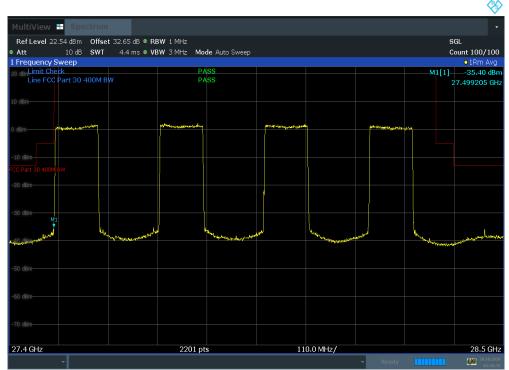


Plot 7-513. Band Edge (Ant B 50 MHz 2CC + 100 MHz 6CC NC BW QPSK High)

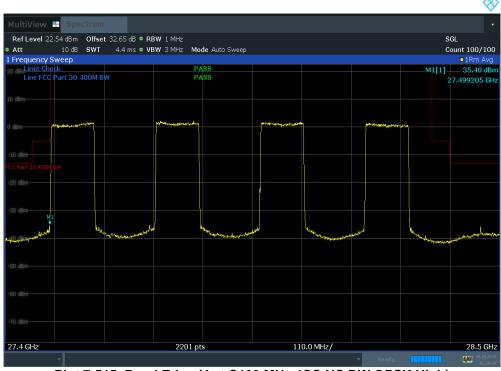
FCC ID: A3LAT1K01-A00	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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Antenna C Conducted Band Edge Maximized on Antenna C 7.6.4



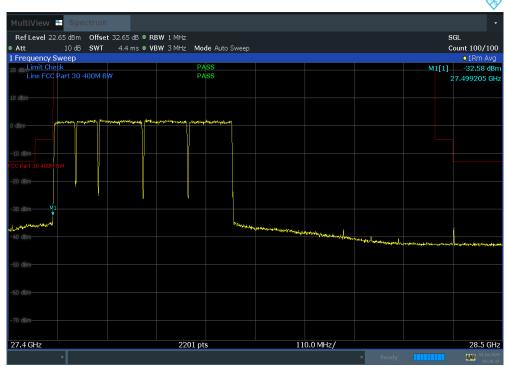
Plot 7-514. Band Edge (Ant C 100 MHz 4CC NC BW QPSK Low)



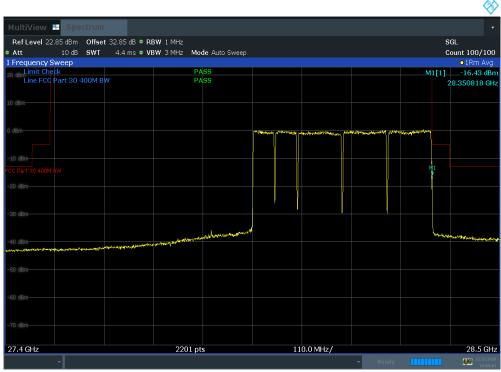
Plot 7-515. Band Edge (Ant C100 MHz 4CC NC BW QPSK High)

FCC ID: A3LAT1K01-A00	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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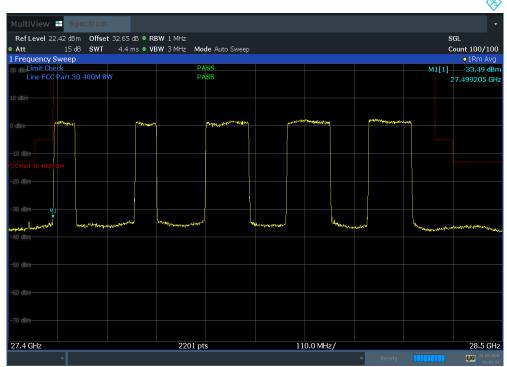
Plot 7-516. Band Edge (Ant C 50 MHz 2CC + 100 MHz 3CC BW QPSK Low)



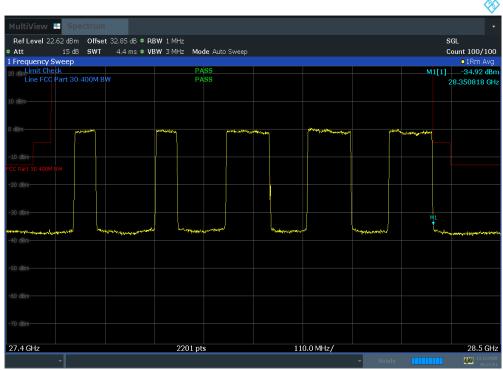
Plot 7-517. Band Edge (Ant C 50 MHz 2CC + 100 MHz 3CC BW QPSK High)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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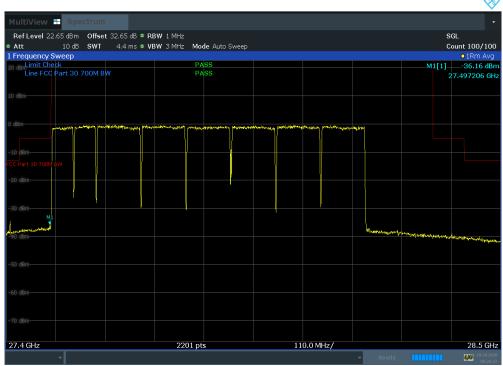
Plot 7-518. Band Edge (Ant C 50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low)



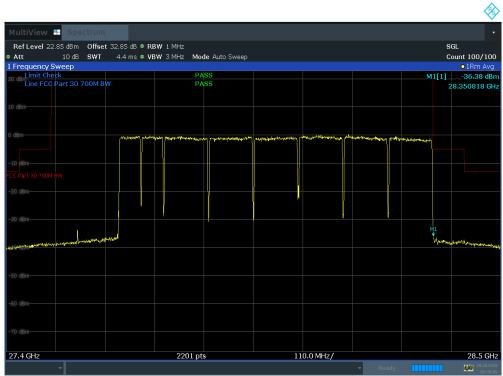
Plot 7-519. Band Edge (Ant C 50 MHz 2CC + 100 MHz 3CC NC BW QPSK High)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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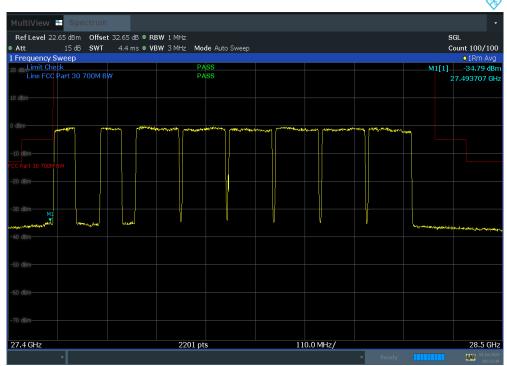
Plot 7-520. Band Edge (Ant C 50 MHz 2CC + 100 MHz 6CC BW QPSK Low)



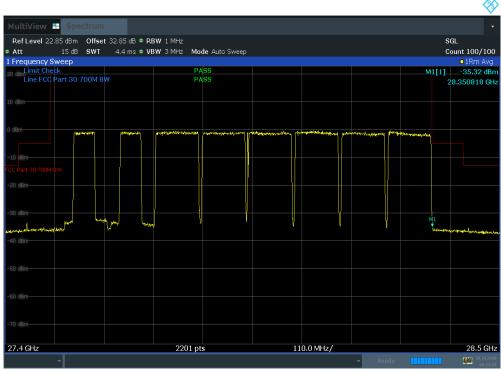
Plot 7-521. Band Edge (Ant C 50 MHz 2CC + 100 MHz 6CC BW QPSK High)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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Plot 7-522. Band Edge (Ant C 50 MHz 2CC + 100 MHz 6CC NC BW QPSK Low)

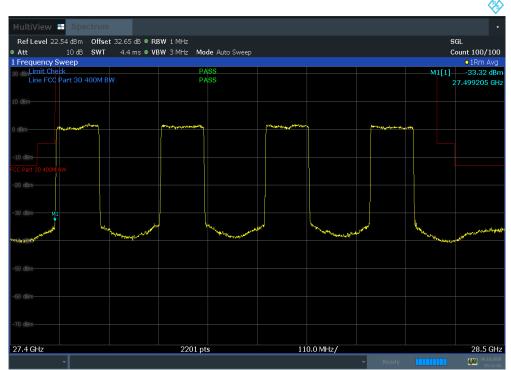


Plot 7-523. Band Edge (Ant C 50 MHz 2CC + 100 MHz 6CC NC BW QPSK High)

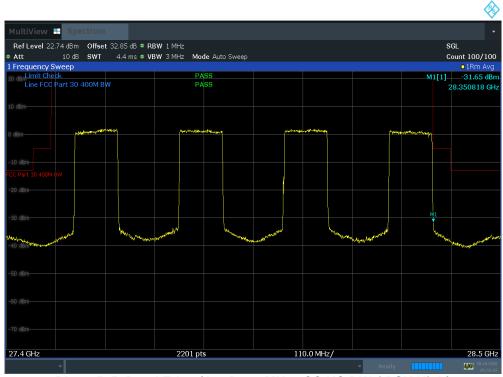
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Antenna D Conducted Band Edge Maximized on Antenna D 7.6.5



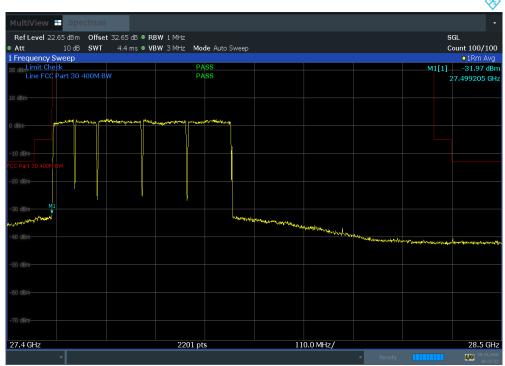
Plot 7-524. Band Edge (Ant D 100 MHz 4CC NC BW QPSK Low)



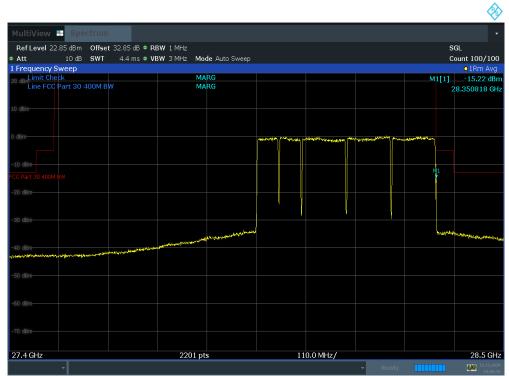
Plot 7-525. Band Edge (Ant D100 MHz 4CC NC BW QPSK High)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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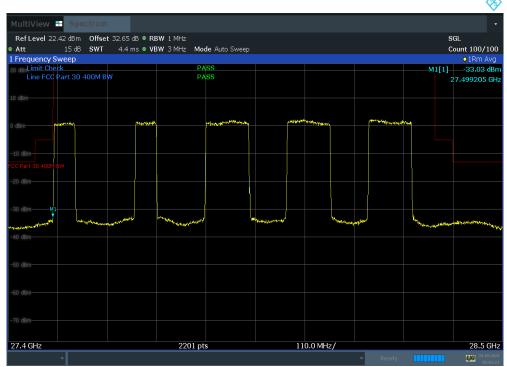
Plot 7-526. Band Edge (Ant D 50 MHz 2CC + 100 MHz 3CC BW QPSK Low)



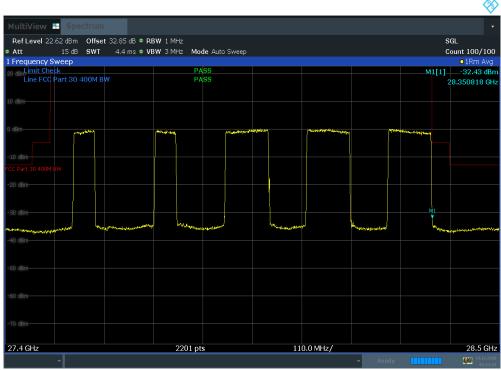
Plot 7-527. Band Edge (Ant D 50 MHz 2CC + 100 MHz 3CC BW QPSK High)

FCC ID: A3LAT1K01-A00	Proud to be part of @ element	MEASUREMENT REPORT (Class II Permissive Change)	Approved by: Quality Manager
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Plot 7-528. Band Edge (Ant D 50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low)



Plot 7-529. Band Edge (Ant D 50 MHz 2CC + 100 MHz 3CC NC BW QPSK High)

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