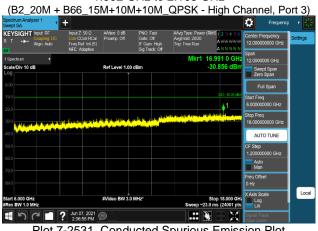


Plot 7-2527. Conducted Spurious Emission Plot 30 MHz to 1 GHz

(B2_20M + B66_15M+10M+10M_QPSK - High Channel, Port 3)

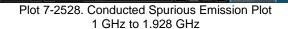


Plot 7-2529. Conducted Spurious Emission Plot 1.992 GHz to 2.108 GHz



Plot 7-2531. Conducted Spurious Emission Plot 6 GHz to 18 GHz (B2_20M + B66_15M+10M+10M_QPSK - High Channel, Port 3)

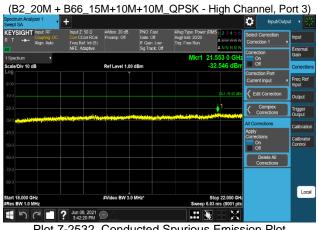


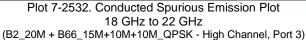






Plot 7-2530. Conducted Spurious Emission Plot 2.182 GHz to 6 GHz





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- B2_20M+5M + B66_20M_Carrier Aggregation

B2_20M+5M	+ B66_20M	Carrier Aggregation				
Channel	Port	Measurement Range	Level(dBm)	Limit (d	.Bm)	Margin (dB)
		9 kHz to 150 kHz	-55.875	-49.	0	-6.855
		150 kHz to 30 MHz	-51.546	-39.	0	-12.526
		30 MHz to 1 GHz	-50.076	-29.	0	-21.056
		1 GHz to 1.928 GHz	-30.374	-19.	0	-11.354
	0	1.992 MHz to 2.108 GHz	-29.752	-19.	0	-10.732
		2.182 GHz to 6 GHz	-24.825	-19.	0	-5.805
		6 GHz to 18 GHz	-29.490	-19.	0	-10.470
		18 GHz to 22 GHz	-32.232	-19.		-13.212
		9 kHz to 150 kHz	-55.988	-49.	0	-6.968
		150 kHz to 30 MHz	-51.865	-39.		-12.845
		30 MHz to 1 GHz	-49.773	-29.		-20.753
		1 GHz to 1.928 GHz	-29.549	-19.		-10.529
	1	1.992 MHz to 2.108 GHz	-29.558	-19.		-10.538
		2.182 GHz to 6 GHz	-25.078	-19.		-6.058
			-29.010	-19.		-9.990
		6 GHz to 18 GHz				
Low		18 GHz to 22 GHz	-32.600	-19.		-13.580
		9 kHz to 150 kHz	-55.253	-49.		-6.233
		150 kHz to 30 MHz	-51.213	-39.		-12.193
		30 MHz to 1 GHz	-50.224	-29.		-21.204
	2	1 GHz to 1.928 GHz	-31.132	-19.		-12.112
		1.992 MHz to 2.108 GHz	-29.840	-19.	0	-10.820
		2.182 GHz to 6 GHz	-25.981	-19.	0	-6.961
		6 GHz to 18 GHz	-31.421	-19.	0	-12.401
		18 GHz to 22 GHz	-31.828	-19.	0	-12.808
		9 kHz to 150 kHz	-56.592	-49.	0	-7.572
		150 kHz to 30 MHz	-51.956	-39.	0	-12.936
		30 MHz to 1 GHz	-49.718	-29.	0	-20.698
3	3	1 GHz to 1.928 GHz	-30.354	-19.	0	-11.334
	5	1.992 MHz to 2.108 GHz	-29.241	-19.	0	-10.221
		2.182 GHz to 6 GHz	-24.699	-19.	0	-5.679
		6 GHz to 18 GHz	-30.498	-19.	0	-11.478
		18 GHz to 22 GHz	-32.431	-19.	0	-13.411
		9 kHz to 150 kHz	-55.982	-49.	0	-6.962
		150 kHz to 30 MHz	-51.494	-39.	0	-12.474
		30 MHz to 1 GHz	-49.884	-29.	0	-20.864
		1 GHz to 1.928 GHz	-31.015	-19.	0	-11.995
	0	1.992 MHz to 2.108 GHz	-27.710	-19.	0	-8.690
		2.182 GHz to 6 GHz	-24.577	-19.	0	-5.557
		6 GHz to 18 GHz	-28.558	-19.	0	-9.538
		18 GHz to 22 GHz	-32.391	-19.	0	-13.371
		9 kHz to 150 kHz	-56.556	-49.		-7.536
Middle		150 kHz to 30 MHz	-51.928	-39.		-12.908
		30 MHz to 1 GHz	-49.435	-29.		-20.415
		1 GHz to 1.928 GHz	-29.947	-19.		-10.927
	1	1.992 MHz to 2.108 GHz	-26.932	-19.		-7.912
		2.182 GHz to 6 GHz	-24.876	-19.		-5.856
			-28.474	-19.		-9.454
		6 GHz to 18 GHz				
		18 GHz to 22 GHz	-32.376	-19.		-13.356
		9 kHz to 150 kHz	-55.178	-49.		-6.158
		150 kHz to 30 MHz	-51.378	-39.		-12.358
		30 MHz to 1 GHz	-49.769	-29.	J	-20.749
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,	1			1	
	2	1 GHz to 1.928 GHz	-31.386	-19.0	-12.366
	_	1.992 MHz to 2.108 GHz	-28.730	-19.0	-9.710
	-	2.182 GHz to 6 GHz	-23.630	-19.0	-4.610
	_	6 GHz to 18 GHz	-31.647	-19.0	-12.627
		18 GHz to 22 GHz	-32.222	-19.0	-13.202
	_	9 kHz to 150 kHz	-56.231	-49.0	-7.211
	_	150 kHz to 30 MHz	-52.021	-39.0	-13.001
	_	30 MHz to 1 GHz	-50.773	-29.0	-21.753
	3	1 GHz to 1.928 GHz	-29.994	-19.0	-10.974
	, , , , , , , , , , , , , , , , , , ,	1.992 MHz to 2.108 GHz	-27.306	-19.0	-8.286
		2.182 GHz to 6 GHz	-24.707	-19.0	-5.687
		6 GHz to 18 GHz	-31.559	-19.0	-12.539
		18 GHz to 22 GHz	-32.672	-19.0	-13.652
		9 kHz to 150 kHz	-56.364	-49.0	-7.344
		150 kHz to 30 MHz	-51.565	-39.0	-12.545
		30 MHz to 1 GHz	-49.238	-29.0	-20.218
	0	1 GHz to 1.928 GHz	-33.320	-19.0	-14.300
0	0	1.992 MHz to 2.108 GHz	-29.205	-19.0	-10.185
		2.182 GHz to 6 GHz	-23.679	-19.0	-4.659
		6 GHz to 18 GHz	-29.093	-19.0	-10.073
		18 GHz to 22 GHz	-31.887	-19.0	-12.867
		9 kHz to 150 kHz	-57.331	-49.0	-8.311
		150 kHz to 30 MHz	-51.855	-39.0	-12.835
		30 MHz to 1 GHz	-50.173	-29.0	-21.153
	· · ·	1 GHz to 1.928 GHz	-34.494	-19.0	-15.474
	1 -	1.992 MHz to 2.108 GHz	-26.522	-19.0	-7.502
		2.182 GHz to 6 GHz	-24.834	-19.0	-5.814
		6 GHz to 18 GHz	-28.666	-19.0	-9.646
		18 GHz to 22 GHz	-32.268	-19.0	-13.248
High		9 kHz to 150 kHz	-55.933	-49.0	-6.913
		150 kHz to 30 MHz	-50.704	-39.0	-11.684
		30 MHz to 1 GHz	-50.690	-29.0	-21.670
		1 GHz to 1.928 GHz	-35.018	-19.0	-15.998
	2	1.992 MHz to 2.108 GHz	-29.884	-19.0	-10.864
		2.182 GHz to 6 GHz	-24.732	-19.0	-5.712
		6 GHz to 18 GHz	-30.860	-19.0	-11.840
		18 GHz to 22 GHz	-32.112	-19.0	-13.092
		9 kHz to 150 kHz	-56.116	-49.0	-7.096
		150 kHz to 30 MHz	-51.924	-39.0	-12.904
		30 MHz to 1 GHz	-50.708	-29.0	-21.688
		1 GHz to 1.928 GHz	-34.433	-19.0	-15.413
	3	1.992 MHz to 2.108 GHz	-26.158	-19.0	-7.138
		2.182 GHz to 6 GHz	-24.488	-19.0	-5.468
		6 GHz to 18 GHz	-31.119	-19.0	-12.099
	-	18 GHz to 22 GHz	-32.380	-19.0	-13.360

 Table 7-44. Conducted Spurious Emission Summary Data (B2_20M+5M + B66_20M_Carrier Aggregation)

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- B2_20M+5M + B66_20M_Carrier Aggregation

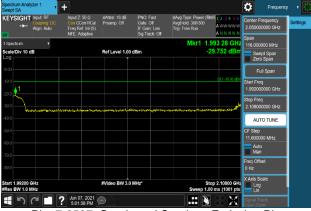


Plot 7-2533. Conducted Spurious Emission Plot 9 kHz to 150 kHz (B2_20M+5M + B66_20M_QPSK - Low Channel, Port 0)



Plot 7-2535. Conducted Spurious Emission Plot 30 MHz to 1 GHz

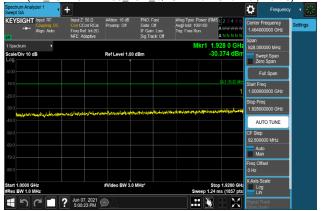
(B2_20M+5M + B66_20M_QPSK - Low Channel, Port 0)



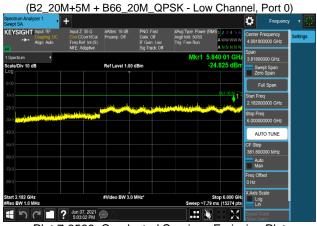
Plot 7-2537. Conducted Spurious Emission Plot 1.992 GHz to 2.108 GHz (B2_20M+5M + B66_20M_QPSK - Low Channel, Port 0)



Plot 7-2534. Conducted Spurious Emission Plot 150 kHz to 30 MHz (B2_20M+5M + B66_20M_QPSK - Low Channel, Port 0)



Plot 7-2536. Conducted Spurious Emission Plot 1 GHz to 1.928 GHz



Plot 7-2538. Conducted Spurious Emission Plot 2.182 GHz to 6 GHz (B2_20M+5M + B66_20M_QPSK - Low Channel, Port 0)

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Plot 7-2539. Conducted Spurious Emission Plot 6 GHz to 18 GHz

(B2_20M+5M + B66_20M_QPSK - Low Channel, Port 0)

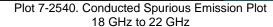


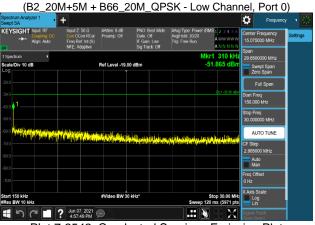
Plot 7-2541. Conducted Spurious Emission Plot 9 kHz to 150 kHz



Plot 7-2543. Conducted Spurious Emission Plot 30 MHz to 1 GHz (B2_20M+5M + B66_20M_QPSK - Low Channel, Port 1)







Plot 7-2542. Conducted Spurious Emission Plot 150 kHz to 30 MHz



Plot 7-2544. Conducted Spurious Emission Plot 1 GHz to 1.928 GHz (B2_20M+5M + B66_20M_QPSK - Low Channel, Port 1)

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Plot 7-2545. Conducted Spurious Emission Plot 1.992 GHz to 2.108 GHz

(B2_20M+5M + B66_20M_QPSK - Low Channel, Port 1)



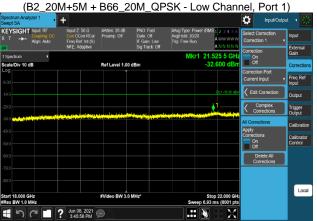
Plot 7-2547. Conducted Spurious Emission Plot 6 GHz to 18 GHz



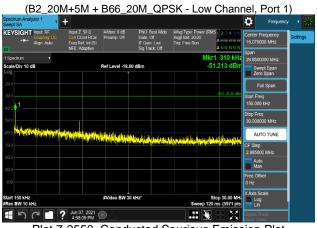
Plot 7-2549. Conducted Spurious Emission Plot 9 kHz to 150 kHz (B2_20M+5M + B66_20M_QPSK - Low Channel, Port 2)



Plot 7-2546. Conducted Spurious Emission Plot 2.182 GHz to 6 GHz



Plot 7-2548. Conducted Spurious Emission Plot 18 GHz to 22 GHz



Plot 7-2550. Conducted Spurious Emission Plot 150 kHz to 30 MHz (B2_20M+5M + B66_20M_QPSK - Low Channel, Port 2)

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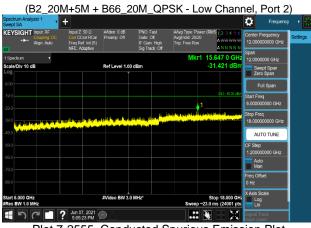


Plot 7-2551. Conducted Spurious Emission Plot 30 MHz to 1 GHz

(B2_20M+5M + B66_20M_QPSK - Low Channel, Port 2)

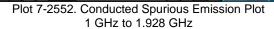


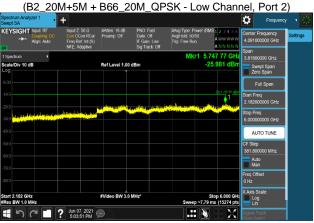
Plot 7-2553. Conducted Spurious Emission Plot 1.992 GHz to 2.108 GHz



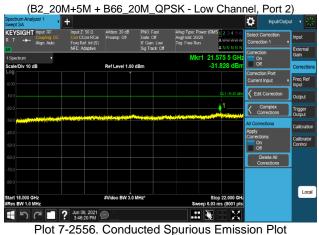
Plot 7-2555. Conducted Spurious Emission Plot 6 GHz to 18 GHz (B2_20M+5M + B66_20M_QPSK - Low Channel, Port 2)

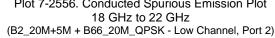






Plot 7-2554. Conducted Spurious Emission Plot 2.182 GHz to 6 GHz





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Plot 7-2557. Conducted Spurious Emission Plot 9 kHz to 150 kHz

(B2_20M+5M + B66_20M_QPSK - Low Channel, Port 3)

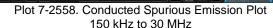


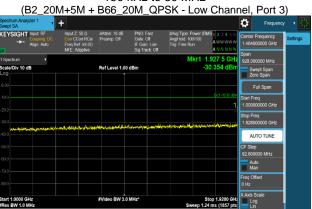
Plot 7-2559. Conducted Spurious Emission Plot 30 MHz to 1 GHz



Plot 7-2561. Conducted Spurious Emission Plot 1.992 GHz to 2.108 GHz (B2_20M+5M + B66_20M_QPSK - Low Channel, Port 3)







Plot 7-2560. Conducted Spurious Emission Plot 1 GHz to 1.928 GHz



Plot 7-2562. Conducted Spurious Emission Plot 2.182 GHz to 6 GHz (B2_20M+5M + B66_20M_QPSK - Low Channel, Port 3)

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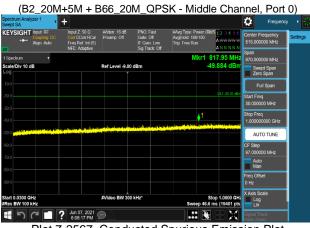


Plot 7-2563. Conducted Spurious Emission Plot 6 GHz to 18 GHz

(B2_20M+5M + B66_20M_QPSK - Low Channel, Port 3)

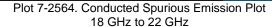


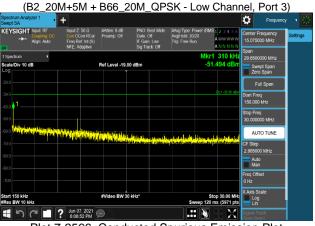
Plot 7-2565. Conducted Spurious Emission Plot 9 kHz to 150 kHz



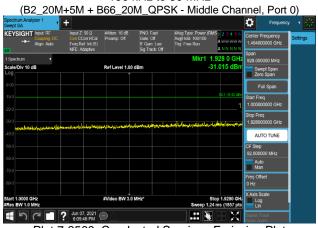
Plot 7-2567. Conducted Spurious Emission Plot 30 MHz to 1 GHz (B2_20M+5M + B66_20M_QPSK - Middle Channel, Port 0)







Plot 7-2566. Conducted Spurious Emission Plot 150 kHz to 30 MHz



Plot 7-2568. Conducted Spurious Emission Plot 1 GHz to 1.928 GHz (B2_20M+5M + B66_20M_QPSK - Middle Channel, Port 0)

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Plot 7-2569. Conducted Spurious Emission Plot 1.992 GHz to 2.108 GHz

(B2_20M+5M + B66_20M_QPSK - Middle Channel, Port 0)

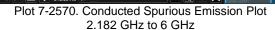


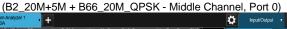
Plot 7-2571. Conducted Spurious Emission Plot 6 GHz to 18 GHz



Plot 7-2573. Conducted Spurious Emission Plot 9 kHz to 150 kHz (B2_20M+5M + B66_20M_QPSK - Middle Channel, Port 1)

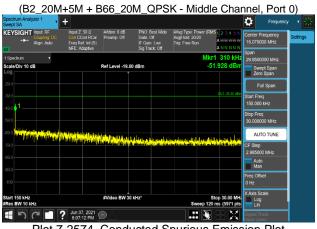


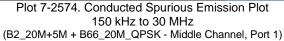






Plot 7-2572. Conducted Spurious Emission Plot 18 GHz to 22 GHz





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Plot 7-2575. Conducted Spurious Emission Plot 30 MHz to 1 GHz

(B2_20M+5M + B66_20M_QPSK - Middle Channel, Port 1)

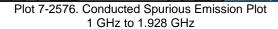


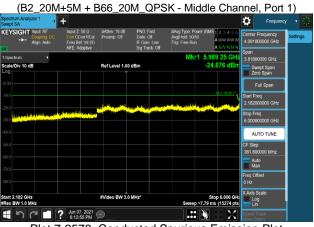
Plot 7-2577. Conducted Spurious Emission Plot 1.992 GHz to 2.108 GHz



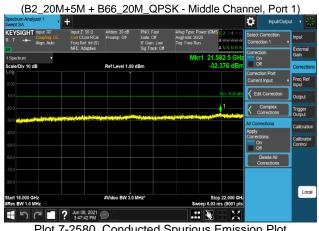
Plot 7-2579. Conducted Spurious Emission Plot 6 GHz to 18 GHz (B2_20M+5M + B66_20M_QPSK - Middle Channel, Port 1)

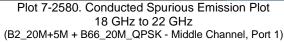






Plot 7-2578. Conducted Spurious Emission Plot 2.182 GHz to 6 GHz





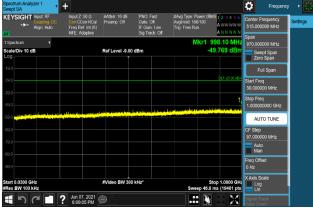
FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
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Plot 7-2581. Conducted Spurious Emission Plot 9 kHz to 150 kHz

(B2_20M+5M + B66_20M_QPSK - Middle Channel, Port 2)

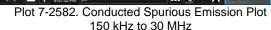


Plot 7-2583. Conducted Spurious Emission Plot 30 MHz to 1 GHz



Plot 7-2585. Conducted Spurious Emission Plot 1.992 GHz to 2.108 GHz (B2_20M+5M + B66_20M_QPSK - Middle Channel, Port 2)

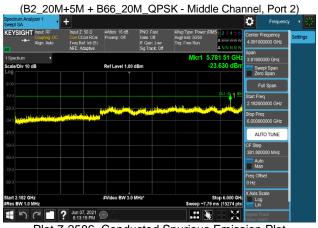




(B2_20M+5M + B66_20M_QPSK - Middle Channel, Port 2)



Plot 7-2584. Conducted Spurious Emission Plot 1 GHz to 1.928 GHz



Plot 7-2586. Conducted Spurious Emission Plot 2.182 GHz to 6 GHz (B2_20M+5M + B66_20M_QPSK - Middle Channel, Port 2)

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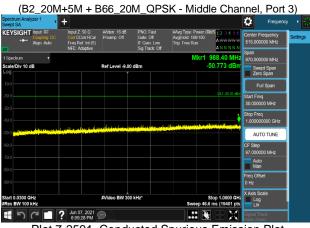


Plot 7-2587. Conducted Spurious Emission Plot 6 GHz to 18 GHz

(B2_20M+5M + B66_20M_QPSK - Middle Channel, Port 2)



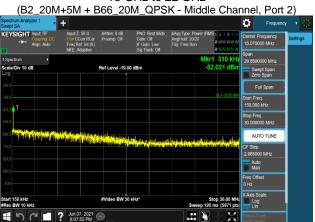
Plot 7-2589. Conducted Spurious Emission Plot 9 kHz to 150 kHz



Plot 7-2591. Conducted Spurious Emission Plot 30 MHz to 1 GHz (B2_20M+5M + B66_20M_QPSK - Middle Channel, Port 3)



Plot 7-2588. Conducted Spurious Emission Plot 18 GHz to 22 GHz



Plot 7-2590. Conducted Spurious Emission Plot 150 kHz to 30 MHz



Plot 7-2592. Conducted Spurious Emission Plot 1 GHz to 1.928 GHz (B2_20M+5M + B66_20M_QPSK - Middle Channel, Port 3)

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Plot 7-2593. Conducted Spurious Emission Plot 1.992 GHz to 2.108 GHz

(B2_20M+5M + B66_20M_QPSK - Middle Channel, Port 3)

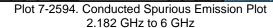


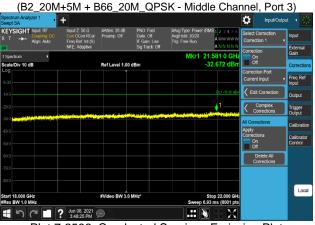
Plot 7-2595. Conducted Spurious Emission Plot 6 GHz to 18 GHz



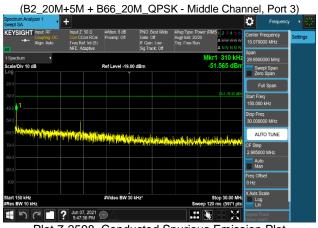
Plot 7-2597. Conducted Spurious Emission Plot 9 kHz to 150 kHz (B2_20M+5M + B66_20M_QPSK - High Channel, Port 0)







Plot 7-2596. Conducted Spurious Emission Plot 18 GHz to 22 GHz



Plot 7-2598. Conducted Spurious Emission Plot 150 kHz to 30 MHz (B2_20M+5M + B66_20M_QPSK - High Channel, Port 0)

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