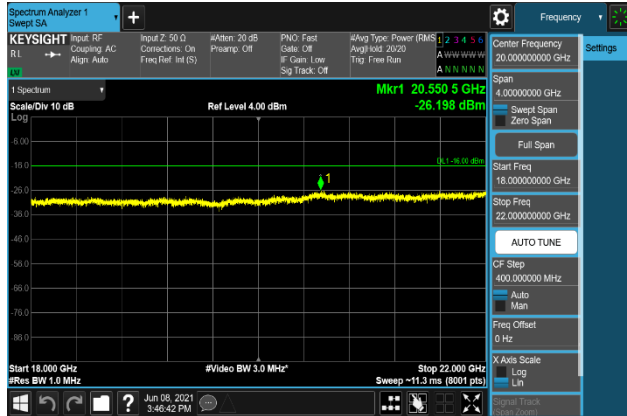
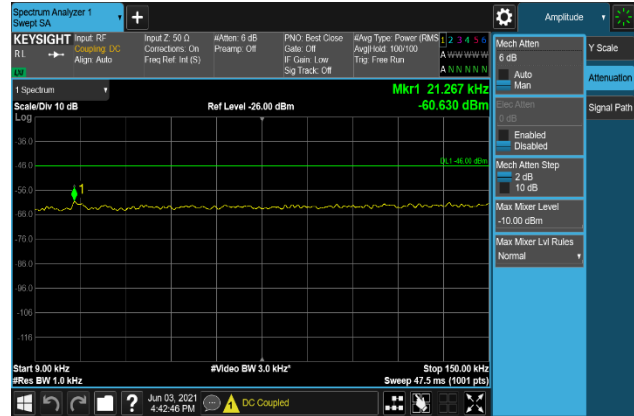




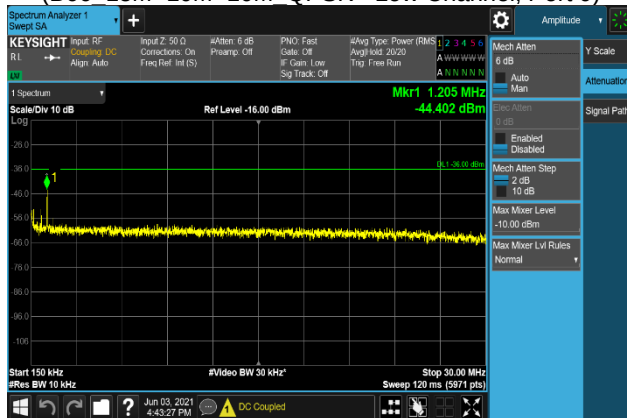
Plot 7-799. Conducted Spurious Emission Plot
18 GHz to 22 GHz

(B66_15M+10M+10M_QPSK - Low Channel, Port 0)



Plot 7-780. Conducted Spurious Emission Plot
9 kHz to 150 kHz

(B66_15M+10M+10M_QPSK - Middle Channel, Port 0)



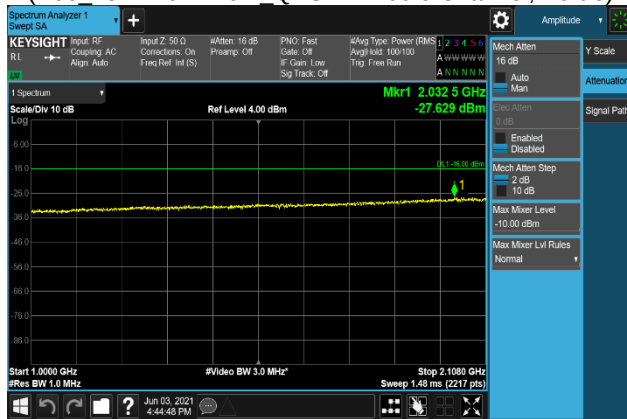
Plot 7-781. Conducted Spurious Emission Plot
150 kHz to 30 MHz

(B66_15M+10M+10M_QPSK - Middle Channel, Port 0)



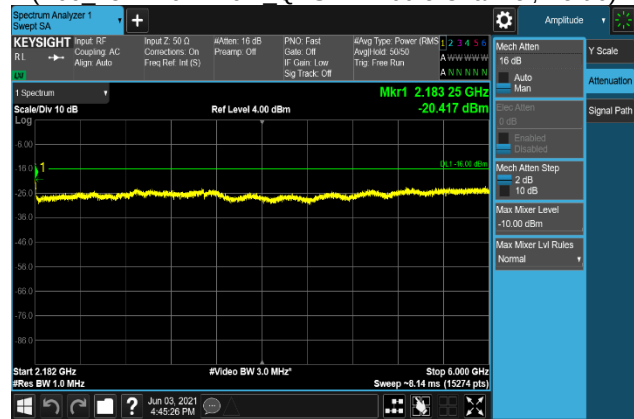
Plot 7-782. Conducted Spurious Emission Plot
30 MHz to 1 GHz

(B66_15M+10M+10M_QPSK - Middle Channel, Port 0)



Plot 7-783. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz

(B66_15M+10M+10M_QPSK - Middle Channel, Port 0)



Plot 7-784. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz

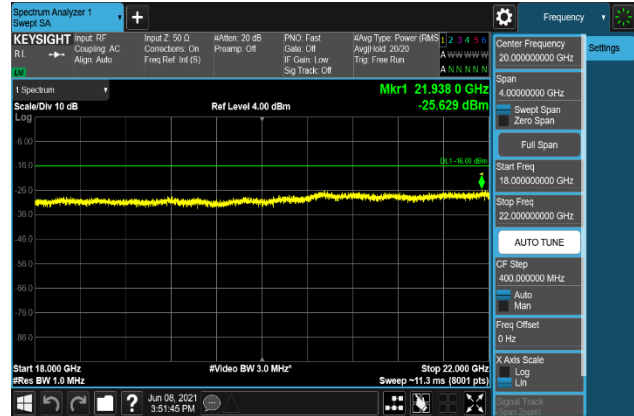
(B66_15M+10M+10M_QPSK - Middle Channel, Port 0)

FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)		Page 130 of 195



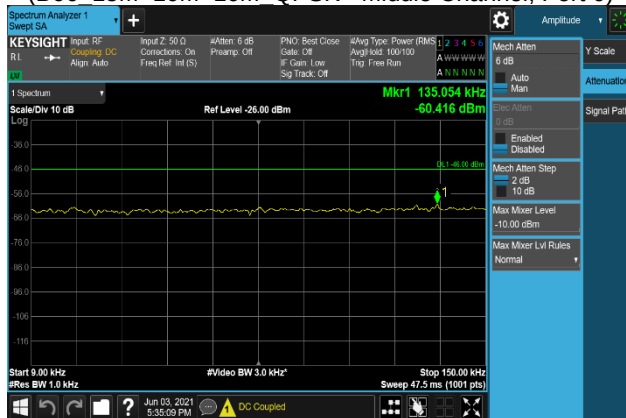
Plot 7-385. Conducted Spurious Emission Plot
6 GHz to 18 GHz

(B66_15M+10M+10M_QPSK - Middle Channel, Port 0)



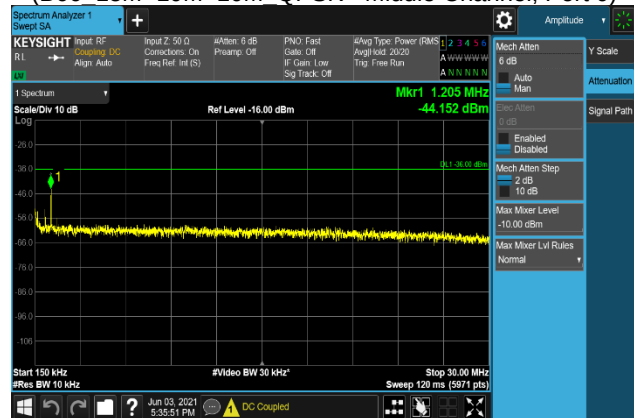
Plot 7-386. Conducted Spurious Emission Plot
18 GHz to 22 GHz

(B66_15M+10M+10M_QPSK - Middle Channel, Port 0)



Plot 7-387. Conducted Spurious Emission Plot
9 kHz to 150 kHz

(B66_15M+10M+10M_QPSK - High Channel, Port 0)



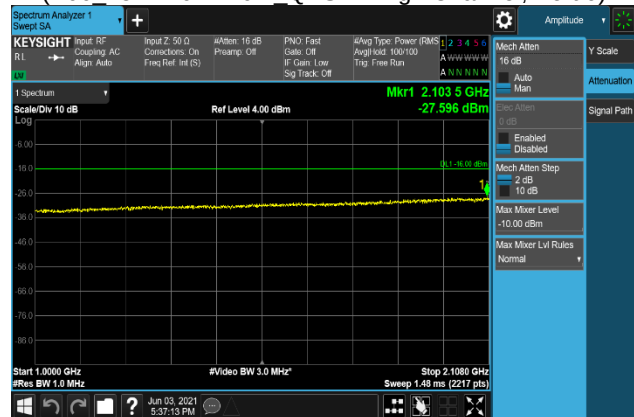
Plot 7-388. Conducted Spurious Emission Plot
150 kHz to 30 MHz

(B66_15M+10M+10M_QPSK - High Channel, Port 0)



Plot 7-389. Conducted Spurious Emission Plot
30 MHz to 1 GHz

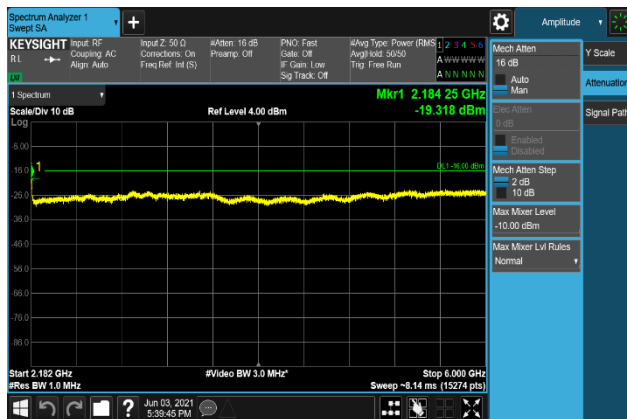
(B66_15M+10M+10M_QPSK - High Channel, Port 0)



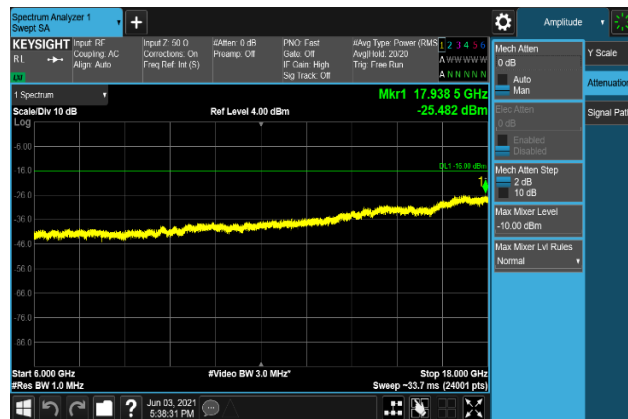
Plot 7-390. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz

(B66_15M+10M+10M_QPSK - High Channel, Port 0)

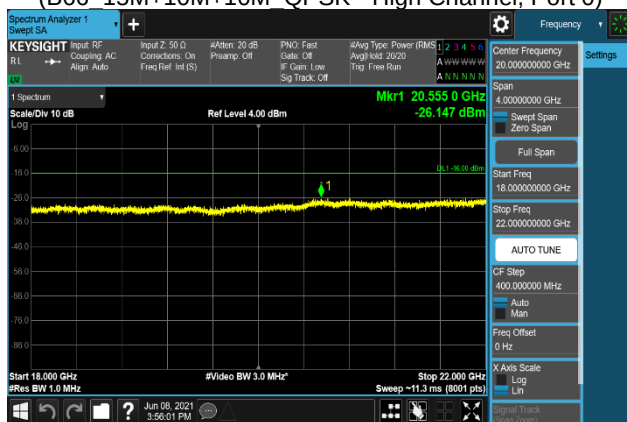
FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)		Page 131 of 195



Plot 7-391. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_15M+10M+10M_QPSK - High Channel, Port 0)



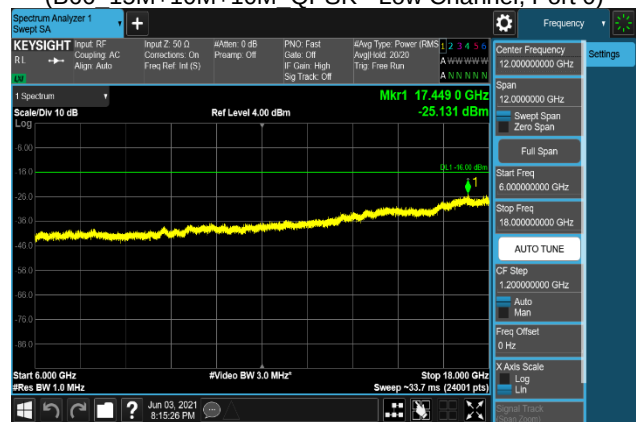
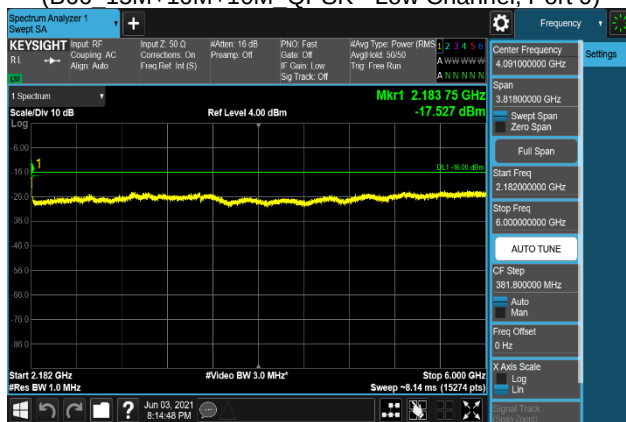
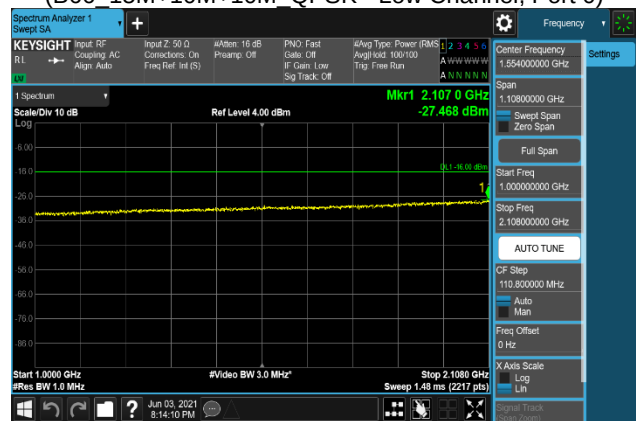
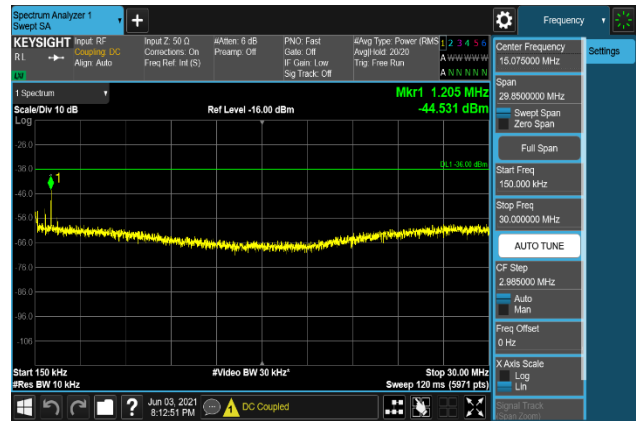
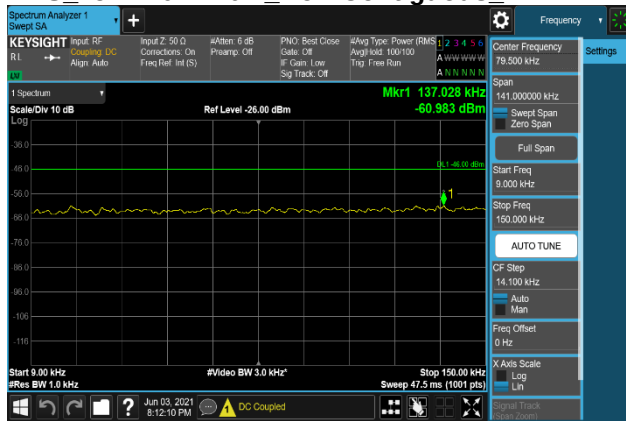
Plot 7-392. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B66_15M+10M+10M_QPSK - High Channel, Port 0)



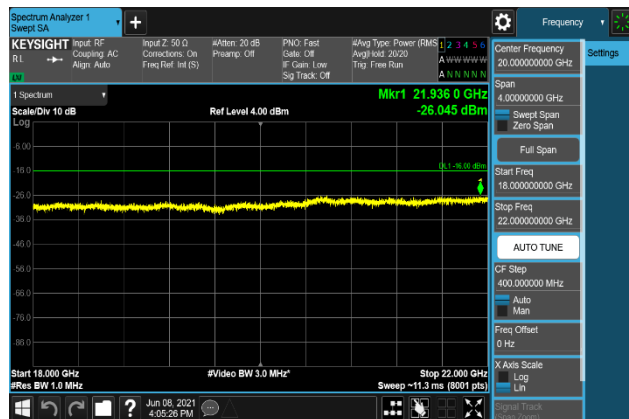
Plot 7-393. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_15M+10M+10M_QPSK - High Channel, Port 0)

FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
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- AWS_15M+10M+10M_Non-Contiguous_2T



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Plot 7-400. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_15M+10M+10M_QPSK - Low Channel, Port 0)

FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
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- B66 15M+10M+10M Contiguous 4T

Channel	Port	Measurement Range	QPSK	16QAM	64QAM	256QAM	Limit (dBm)	Worst Margin (dB)
			Level(dBm)	Level(dBm)	Level(dBm)	Level(dBm)		
Low	0	9 kHz to 150 kHz	-60.785	-60.852	-59.989	-60.026	-49.0	-10.969
		150 kHz to 30 MHz	-43.701	-43.569	-43.427	-43.635	-39.0	-4.407
		30 MHz to 1 GHz	-41.412	-41.871	-41.457	-41.788	-29.0	-12.392
		1 GHz to 2.108 GHz	-27.756	-27.625	-27.799	-27.678	-19.0	-8.605
		2.182 GHz to 6 GHz	-22.729	-23.061	-23.164	-21.830	-19.0	-2.810
		6 GHz to 18 GHz	-25.703	-25.715	-25.982	-25.329	-19.0	-6.309
		18 GHz to 22 GHz	-26.128	-25.944	-26.063	-25.979	-19.0	-6.944
	1	9 kHz to 150 kHz	-59.947	-60.753	-60.057	-60.534	-49.0	-10.927
		150 kHz to 30 MHz	-53.373	-53.863	-52.979	-53.329	-39.0	-13.959
		30 MHz to 1 GHz	-41.226	-41.379	-41.014	-41.386	-29.0	-11.994
		1 GHz to 2.108 GHz	-27.092	-27.267	-27.380	-26.869	-19.0	-7.849
		2.182 GHz to 6 GHz	-22.416	-22.284	-22.308	-22.808	-29.0	-3.264
		6 GHz to 18 GHz	-24.453	-24.391	-24.129	-24.359	-29.0	-5.109
		18 GHz to 22 GHz	-26.192	-26.123	-26.130	-26.099	-28.0	-7.079
	2	9 kHz to 150 kHz	-61.801	-60.862	-59.141	-60.239	-49.0	-10.121
		150 kHz to 30 MHz	-52.395	-53.632	-52.290	-52.626	-39.0	-13.270
		30 MHz to 1 GHz	-41.698	-41.653	-41.627	-41.692	-29.0	-12.607
		1 GHz to 2.108 GHz	-27.719	-27.776	-27.574	-27.546	-29.0	-8.526
		2.182 GHz to 6 GHz	-24.688	-25.104	-25.186	-24.990	-29.0	-5.668
		6 GHz to 18 GHz	-26.289	-26.470	-26.365	-25.990	-29.0	-6.970
		18 GHz to 22 GHz	-26.069	-25.909	-26.208	-26.254	-29.0	-6.889
	3	9 kHz to 150 kHz	-60.968	-61.210	-59.663	-60.031	-49.0	-10.643
		150 kHz to 30 MHz	-53.094	-53.261	-50.244	-52.978	-39.0	-11.224
		30 MHz to 1 GHz	-42.483	-42.350	-42.392	-42.196	-29.0	-13.176
		1 GHz to 2.108 GHz	-28.731	-28.597	-28.829	-28.637	-29.0	-9.577
		2.182 GHz to 6 GHz	-25.910	-26.255	-26.316	-25.675	-29.0	-6.655
		6 GHz to 18 GHz	-27.641	-27.928	-27.945	-28.156	-29.0	-8.621
		18 GHz to 22 GHz	-26.220	-26.112	-25.788	-26.007	-29.0	-6.987
Middle	0	9 kHz to 150 kHz	-59.944	-59.679	-59.178	-58.986	-49.0	-9.966
		150 kHz to 30 MHz	-43.457	-43.146	-43.144	-42.976	-39.0	-3.956
		30 MHz to 1 GHz	-41.749	-41.631	-41.605	-41.830	-29.0	-12.585
		1 GHz to 2.108 GHz	-27.843	-27.912	-27.769	-27.794	-29.0	-8.749
		2.182 GHz to 6 GHz	-21.032	-21.391	-21.500	-21.507	-29.0	-2.012
		6 GHz to 18 GHz	-25.761	-25.186	-25.489	-25.387	-29.0	-6.166
		18 GHz to 22 GHz	-25.717	-25.523	-26.405	-26.175	-29.0	-6.503
	1	9 kHz to 150 kHz	-60.138	-59.995	-60.046	-60.152	-49.0	-11.026
		150 kHz to 30 MHz	-53.300	-53.152	-53.307	-52.809	-39.0	-13.789
		30 MHz to 1 GHz	-41.224	-41.207	-41.216	-40.742	-29.0	-11.722
		1 GHz to 2.108 GHz	-27.229	-27.330	-27.359	-27.148	-29.0	-8.128
		2.182 GHz to 6 GHz	-21.224	-21.738	-21.763	-21.992	-29.0	-2.204
		6 GHz to 18 GHz	-24.116	-24.143	-23.972	-24.135	-29.0	-4.952
		18 GHz to 22 GHz	-25.674	-25.831	-25.958	-26.273	-29.0	-6.654
	2	9 kHz to 150 kHz	-59.579	-60.301	-59.905	-60.021	-49.0	-10.559
		150 kHz to 30 MHz	-53.547	-52.458	-53.421	-53.124	-39.0	-13.438
		30 MHz to 1 GHz	-41.773	-41.543	-41.745	-41.485	-29.0	-12.465
		1 GHz to 2.108 GHz	-27.939	-27.443	-27.566	-27.845	-29.0	-8.423
		2.182 GHz to 6 GHz	-25.108	-21.201	-24.203	-24.460	-29.0	-2.181
		6 GHz to 18 GHz	-26.137	-26.326	-26.385	-26.056	-29.0	-7.036
		18 GHz to 22 GHz	-26.246	-25.702	-26.182	-26.359	-29.0	-6.682

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High	3	9 kHz to 150 kHz	-59.066	-59.804	-59.343	-59.843	-49.0	-10.046
		150 kHz to 30 MHz	-52.796	-52.686	-51.471	-52.760	-39.0	-12.451
		30 MHz to 1 GHz	-42.520	-42.478	-42.365	-42.216	-29.0	-13.196
		1 GHz to 2.108 GHz	-28.788	-28.473	-28.840	-28.868	-29.0	-9.453
		2.182 GHz to 6 GHz	-25.174	-24.361	-24.779	-25.182	-29.0	-5.341
		6 GHz to 18 GHz	-27.662	-28.145	-27.839	-27.390	-29.0	-8.370
		18 GHz to 22 GHz	-26.127	-25.961	-26.066	-26.302	-29.0	-6.941
	0	9 kHz to 150 kHz	-60.032	-59.576	-60.419	-58.650	-49.0	-9.630
		150 kHz to 30 MHz	-43.332	-43.361	-43.451	-43.192	-39.0	-4.172
		30 MHz to 1 GHz	-41.610	-41.641	-41.703	-41.936	-29.0	-12.590
		1 GHz to 2.108 GHz	-27.594	-27.882	-27.684	-27.966	-29.0	-8.574
		2.182 GHz to 6 GHz	-20.774	-20.590	-20.732	-21.178	-29.0	-1.570
		6 GHz to 18 GHz	-25.288	-25.578	-26.009	-25.601	-29.0	-6.268
		18 GHz to 22 GHz	-25.603	-26.148	-25.967	-25.738	-29.0	-6.583
	1	9 kHz to 150 kHz	-60.285	-58.585	-59.922	-59.241	-49.0	-9.565
		150 kHz to 30 MHz	-53.235	-52.831	-53.557	-54.061	-39.0	-13.811
		30 MHz to 1 GHz	-41.249	-41.289	-41.167	-41.184	-29.0	-12.147
		1 GHz to 2.108 GHz	-27.263	-27.244	-27.195	-27.446	-29.0	-8.175
		2.182 GHz to 6 GHz	-20.722	-20.434	-20.459	-20.547	-29.0	-1.414
		6 GHz to 18 GHz	-24.047	-24.248	-24.391	-24.315	-29.0	-5.027
		18 GHz to 22 GHz	-26.093	-25.818	-25.956	-25.997	-29.0	-6.798
	2	9 kHz to 150 kHz	-59.711	-60.180	-59.726	-60.070	-49.0	-10.691
		150 kHz to 30 MHz	-52.762	-52.571	-52.096	-53.820	-39.0	-13.076
		30 MHz to 1 GHz	-41.660	-41.649	-41.765	-41.766	-29.0	-12.629
		1 GHz to 2.108 GHz	-28.007	-27.692	-27.785	-27.790	-29.0	-8.672
		2.182 GHz to 6 GHz	-21.734	-21.614	-22.249	-22.395	-29.0	-2.594
		6 GHz to 18 GHz	-26.490	-26.178	-26.251	-26.387	-29.0	-7.158
		18 GHz to 22 GHz	-25.949	-26.042	-26.052	-26.069	-29.0	-6.929
	3	9 kHz to 150 kHz	-60.349	-59.216	-60.363	-59.929	-49.0	-10.196
		150 kHz to 30 MHz	-53.030	-51.686	-52.573	-52.637	-39.0	-12.666
		30 MHz to 1 GHz	-42.388	-42.431	-42.506	-42.371	-29.0	-13.351
		1 GHz to 2.108 GHz	-28.600	-28.780	-28.845	-28.666	-29.0	-9.580
		2.182 GHz to 6 GHz	-22.650	-22.725	-23.477	-22.626	-29.0	-3.606
		6 GHz to 18 GHz	-28.014	-27.620	-27.973	-27.764	-29.0	-8.600
		18 GHz to 22 GHz	-26.075	-25.982	-26.025	-26.281	-29.0	-6.962

Table 7-61. Conducted Spurious Emission Summary Data (B66_15M+10M+10M_Contiguous)

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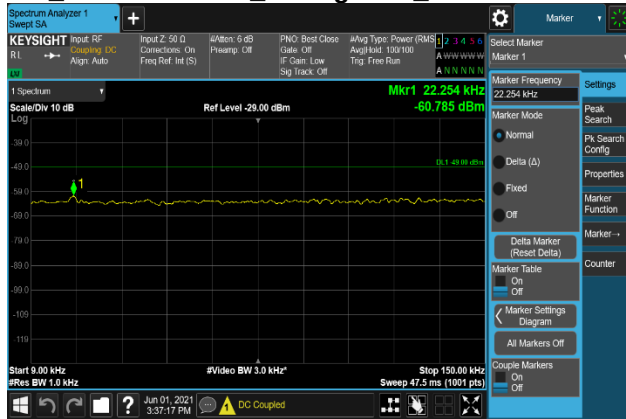
- B66 15M+10M+10M Non-Contiguous 4T

Channel	Port	Measurement Range	QPSK	16QAM	64QAM	256QAM	Limit (dBm)	Worst Margin (dB)
			Level(dBm)	Level(dBm)	Level(dBm)	Level(dBm)		
Low	0	9 kHz to 150 kHz	-60.983	-59.588	-60.709	-59.743	-46.0	-13.578
		150 kHz to 30 MHz	-44.531	-44.073	-44.102	-44.865	-36.0	-8.063
		30 MHz to 1 GHz	-41.945	-41.842	-41.712	-41.782	-26.0	-15.702
		1 GHz to 2.108 GHz	-27.468	-27.634	-27.532	-27.456	-16.0	-11.446
		2.182 GHz to 6 GHz	-17.527	-17.114	-17.892	-17.881	-16.0	-1.104
		6 GHz to 18 GHz	-25.131	-25.814	-25.666	-25.887	-16.0	-9.121
		18 GHz to 22 GHz	-26.045	-25.963	-26.201	-25.743	-16.0	-9.733
	1	9 kHz to 150 kHz	-59.396	-60.047	-59.255	-59.274	-46.0	-13.245
		150 kHz to 30 MHz	-52.978	-52.096	-53.681	-52.418	-36.0	-16.086
		30 MHz to 1 GHz	-41.412	-41.348	-41.374	-41.270	-26.0	-15.260
		1 GHz to 2.108 GHz	-26.874	-26.949	-26.734	-27.054	-16.0	-10.724
		2.182 GHz to 6 GHz	-17.461	-17.828	-18.542	-17.670	-16.0	-1.451
		6 GHz to 18 GHz	-24.132	-23.980	-23.787	-24.479	-16.0	-7.777
		18 GHz to 22 GHz	-26.217	-26.066	-26.047	-25.397	-16.0	-9.387

Table 7-62. Conducted Spurious Emission Summary Data (B66_15M+10M+10M_Non-Contiguous)

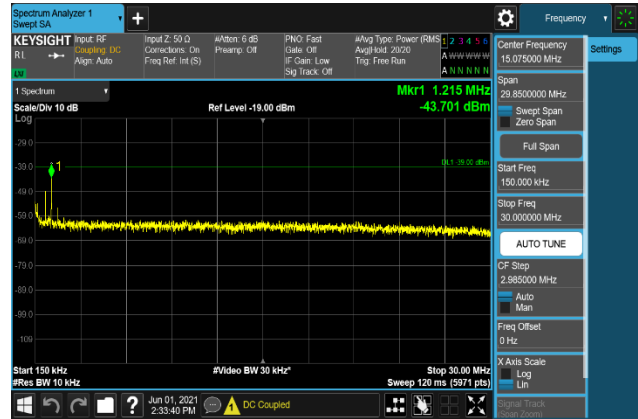
FCC ID: A3LRFV01U-D1A	 MEASUREMENT REPORT (C2PC) 		Approved by: Technical Manager
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- B66 15M+10M+10M Contiguous 4T



Plot 7-401. Conducted Spurious Emission Plot
9 kHz to 150 kHz

(B66_15M+10M+10M_QPSK - Low Channel, Port 0)



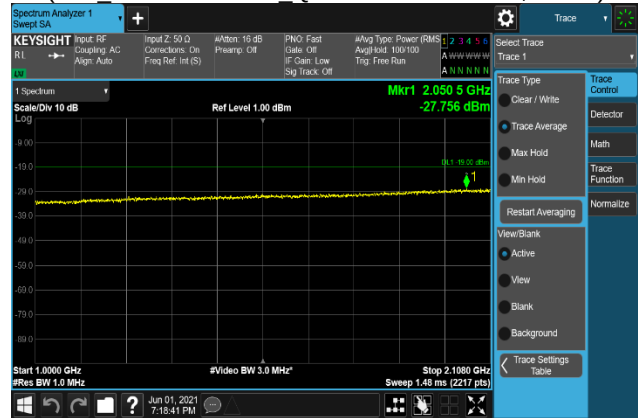
Plot 7-402. Conducted Spurious Emission Plot
150 kHz to 30 MHz

(B66_15M+10M+10M_QPSK - Low Channel, Port 0)



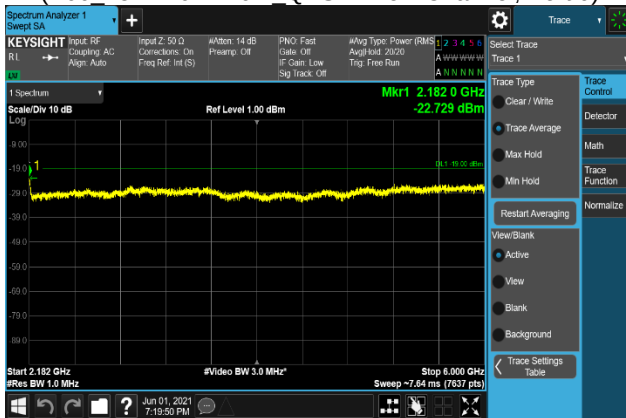
Plot 7-403. Conducted Spurious Emission Plot
30 MHz to 1 GHz

(B66_15M+10M+10M_QPSK - Low Channel, Port 0)



Plot 7-404. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz

(B66_15M+10M+10M_QPSK - Low Channel, Port 0)



Plot 7-405. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz

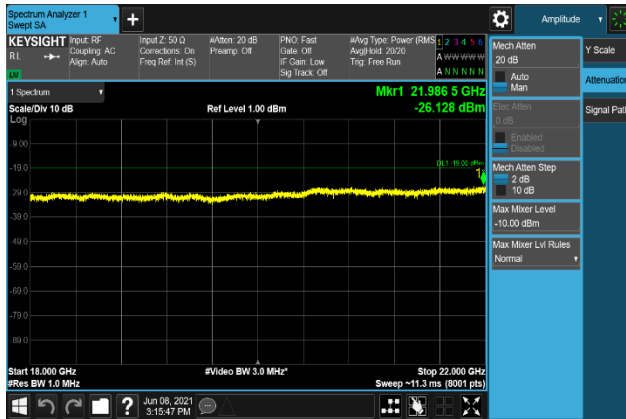
(B66_15M+10M+10M_QPSK - Low Channel, Port 0)



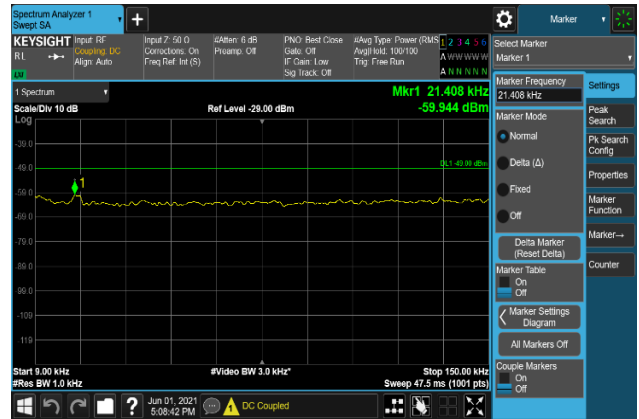
Plot 7-406. Conducted Spurious Emission Plot
6 GHz to 18 GHz

(B66_15M+10M+10M_QPSK - Low Channel, Port 0)

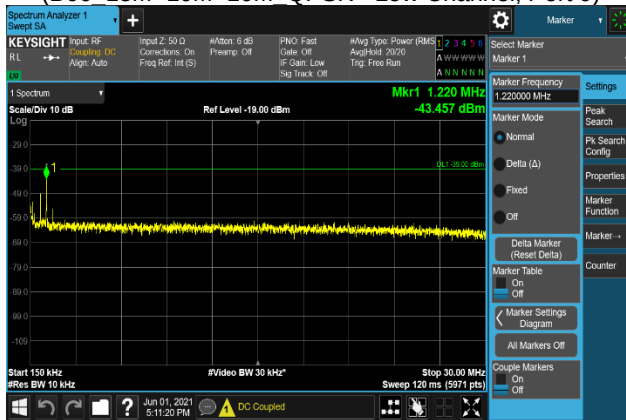
FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: BK21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)		Page 138 of 195



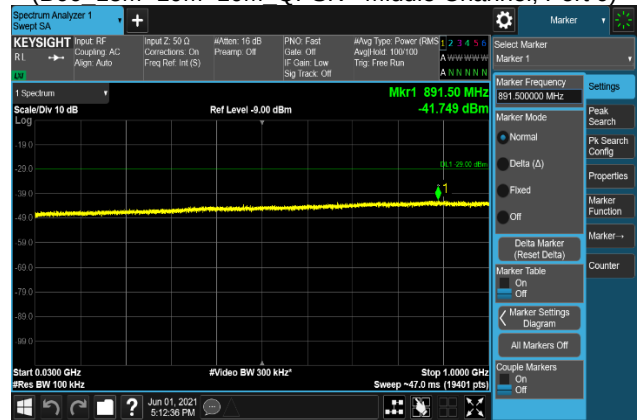
Plot 7-407. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_15M+10M+10M_QPSK - Low Channel, Port 0)



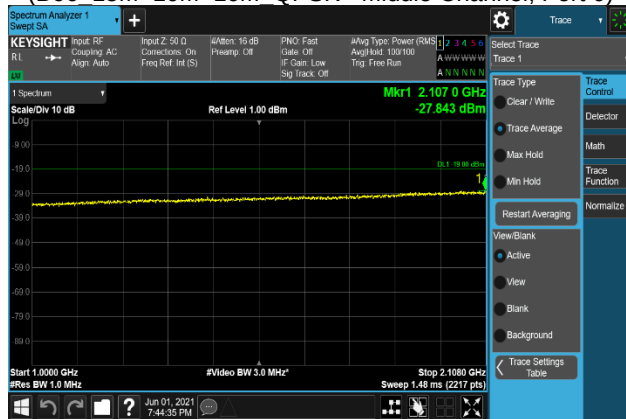
Plot 7-408. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_15M+10M+10M_QPSK - Middle Channel, Port 0)



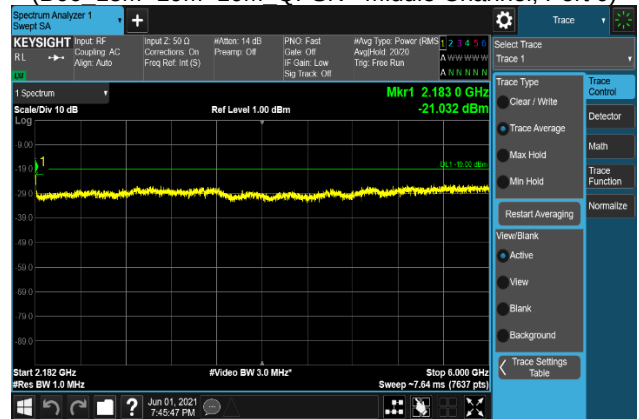
Plot 7-409. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_15M+10M+10M_QPSK - Middle Channel, Port 0)



Plot 7-410. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_15M+10M+10M_QPSK - Middle Channel, Port 0)



Plot 7-411. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_15M+10M+10M_QPSK - Middle Channel, Port 0)



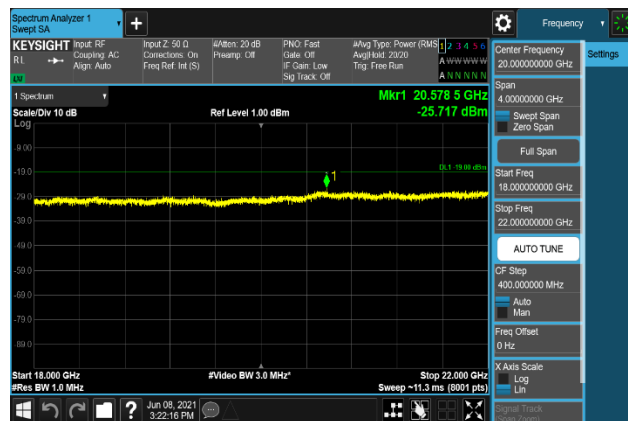
Plot 7-412. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_15M+10M+10M_QPSK - Middle Channel, Port 0)

FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)		Page 139 of 195



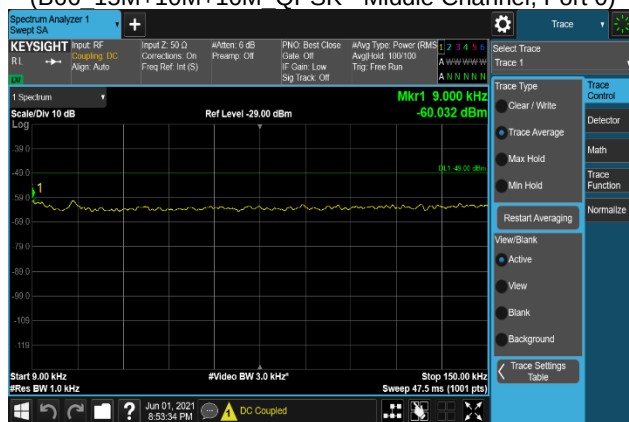
Plot 7-413. Conducted Spurious Emission Plot
6 GHz to 18 GHz

(B66_15M+10M+10M_QPSK - Middle Channel, Port 0)



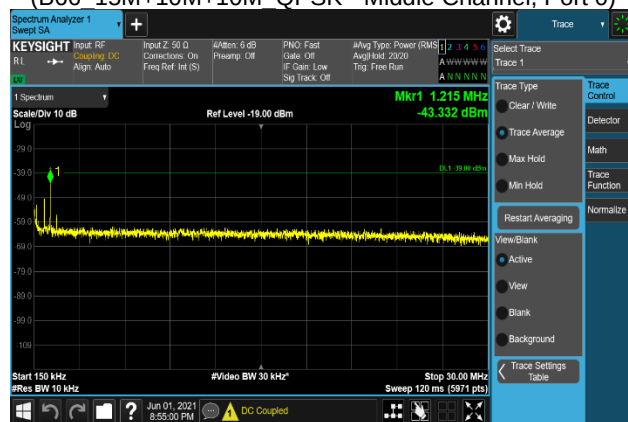
Plot 7-414. Conducted Spurious Emission Plot
18 GHz to 22 GHz

(B66_15M+10M+10M_QPSK - Middle Channel, Port 0)



Plot 7-415. Conducted Spurious Emission Plot
9 kHz to 150 kHz

(B66_15M+10M+10M_QPSK - High Channel, Port 0)



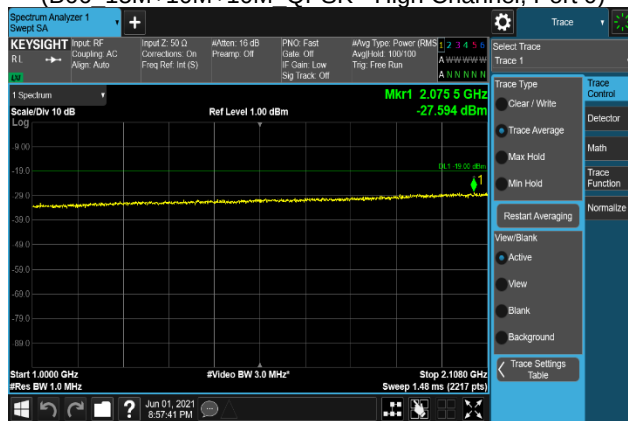
Plot 7-416. Conducted Spurious Emission Plot
150 kHz to 30 MHz

(B66_15M+10M+10M_QPSK - High Channel, Port 0)



Plot 7-417. Conducted Spurious Emission Plot
30 MHz to 1 GHz

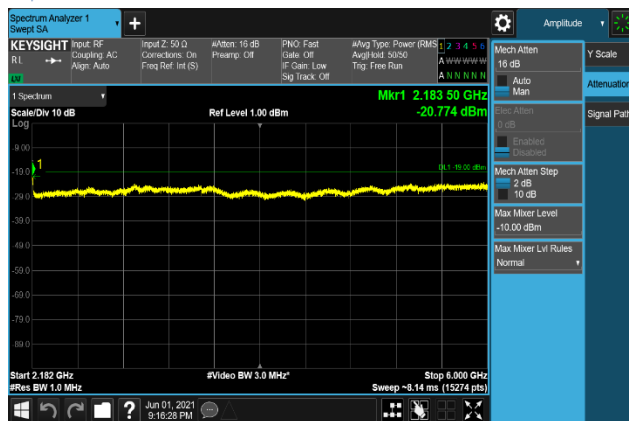
(B66_15M+10M+10M_QPSK - High Channel, Port 0)



Plot 7-418. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz

(B66_15M+10M+10M_QPSK - High Channel, Port 0)

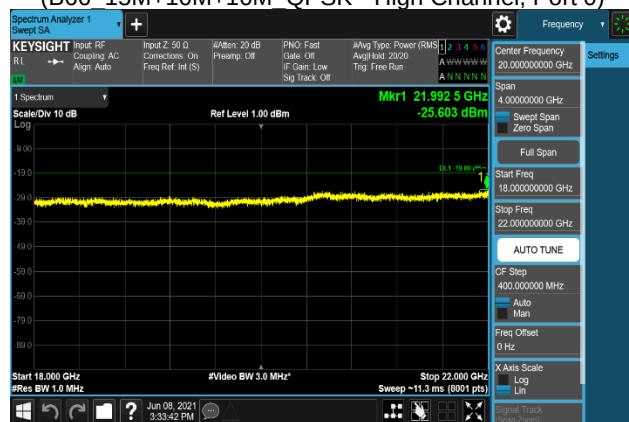
FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)		Page 140 of 195



Plot 7-419. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_15M+10M+10M_QPSK - High Channel, Port 0)



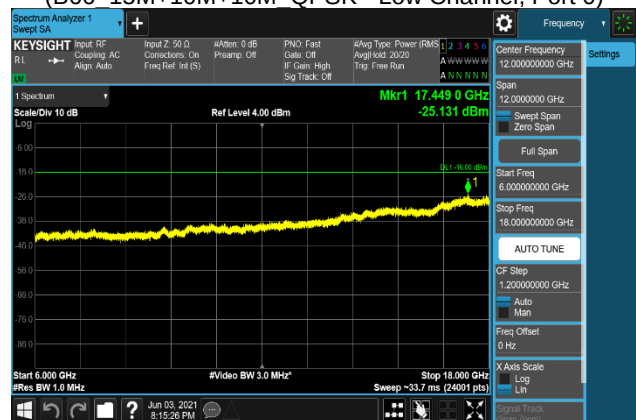
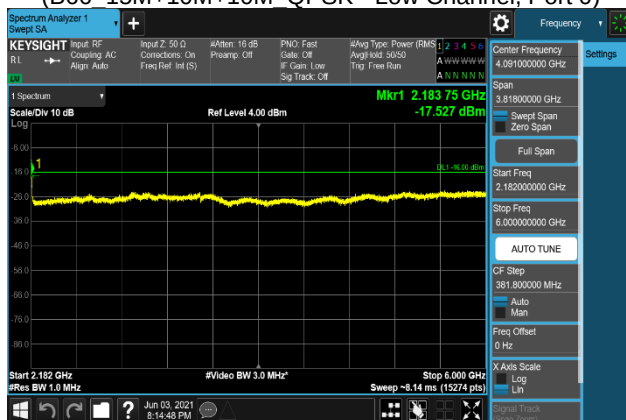
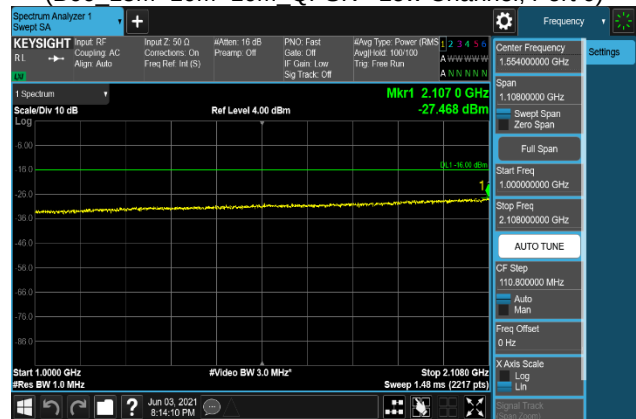
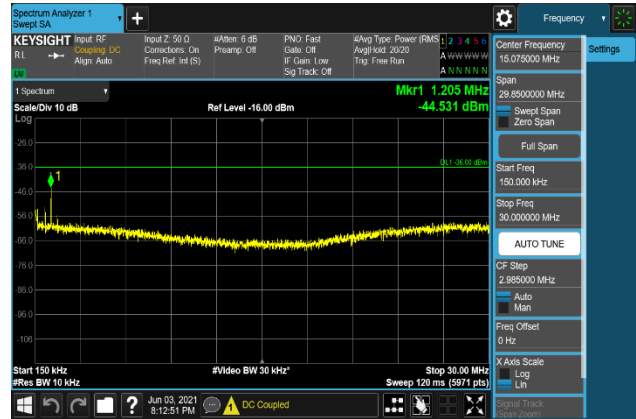
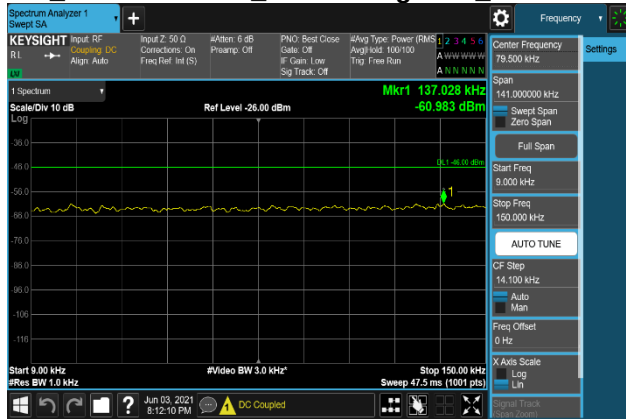
Plot 7-420. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B66_15M+10M+10M_QPSK - High Channel, Port 0)



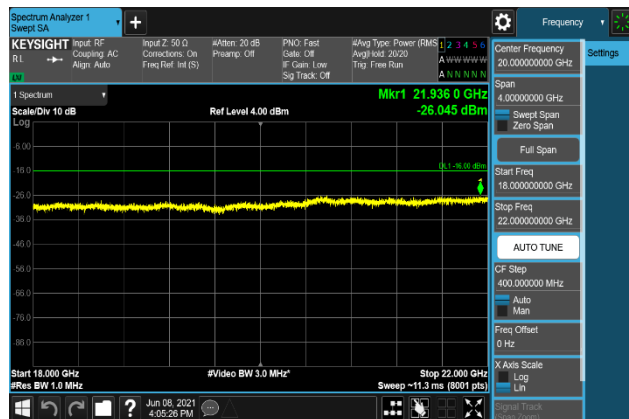
Plot 7-421. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_15M+10M+10M_QPSK - High Channel, Port 0)

FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)		Page 141 of 195

- B66 15M+10M+10M Non-Contiguous 4T



FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: BK21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)		Page 142 of 195



Plot 7-428. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_15M+10M+10M_QPSK - Low Channel, Port 0)

FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)		Page 143 of 195

- B66 20M+5M+10M Contiguous 2T

Channel	Port	Measurement Range	QPSK	16QAM	64QAM	256QAM	Limit (dBm)	Worst Margin (dB)
			Level(dBm)	Level(dBm)	Level(dBm)	Level(dBm)		
Low	0	9 kHz to 150 kHz	-60.323	-59.943	-61.041	-58.939	-46.0	-12.929
		150 kHz to 30 MHz	-44.826	-44.474	-44.507	-44.457	-36.0	-8.447
		30 MHz to 1 GHz	-41.779	-41.773	-41.833	-41.688	-26.0	-15.678
		1 GHz to 2.108 GHz	-27.726	-27.751	-27.230	-27.627	-16.0	-11.220
		2.182 GHz to 6 GHz	-20.734	-22.108	-22.539	-21.995	-16.0	-4.724
		6 GHz to 18 GHz	-25.681	-25.642	-25.365	-25.934	-16.0	-9.355
		18 GHz to 22 GHz	-25.843	-25.806	-26.005	-26.122	-16.0	-9.796
	1	9 kHz to 150 kHz	-59.723	-59.674	-59.437	-58.741	-46.0	-12.731
		150 kHz to 30 MHz	-53.715	-52.029	-52.301	-52.019	-36.0	-16.009
		30 MHz to 1 GHz	-41.357	-41.491	-41.338	-41.342	-26.0	-15.328
		1 GHz to 2.108 GHz	-27.333	-27.279	-27.232	-27.029	-16.0	-11.019
		2.182 GHz to 6 GHz	-21.772	-22.225	-22.571	-22.039	-16.0	-5.762
		6 GHz to 18 GHz	-24.592	-24.557	-24.175	-23.868	-16.0	-7.858
		18 GHz to 22 GHz	-25.656	-26.076	-25.822	-25.904	-16.0	-9.646
Middle	0	9 kHz to 150 kHz	-59.574	-58.870	-58.673	-58.715	-46.0	-12.663
		150 kHz to 30 MHz	-44.646	-44.054	-44.285	-44.577	-36.0	-8.044
		30 MHz to 1 GHz	-41.670	-41.593	-41.729	-41.580	-26.0	-15.570
		1 GHz to 2.108 GHz	-27.743	-27.454	-27.393	-27.699	-16.0	-11.383
		2.182 GHz to 6 GHz	-19.742	-20.788	-20.158	-20.330	-16.0	-3.732
		6 GHz to 18 GHz	-25.756	-25.273	-25.634	-25.544	-16.0	-9.263
		18 GHz to 22 GHz	-25.856	-26.125	-25.958	-26.073	-16.0	-9.846
	1	9 kHz to 150 kHz	-59.515	-59.196	-58.401	-58.750	-46.0	-12.391
		150 kHz to 30 MHz	-52.652	-51.628	-52.583	-52.768	-36.0	-15.618
		30 MHz to 1 GHz	-41.185	-41.098	-40.861	-41.206	-26.0	-14.851
		1 GHz to 2.108 GHz	-27.157	-27.194	-27.265	-27.259	-16.0	-11.147
		2.182 GHz to 6 GHz	-20.500	-20.835	-20.769	-20.711	-16.0	-4.490
		6 GHz to 18 GHz	-24.507	-24.443	-24.452	-24.393	-16.0	-8.383
		18 GHz to 22 GHz	-25.387	-25.742	-26.030	-26.150	-16.0	-9.377
High	0	9 kHz to 150 kHz	-58.655	-58.959	-58.001	-59.310	-46.0	-11.991
		150 kHz to 30 MHz	-44.450	-44.365	-44.204	-44.521	-36.0	-8.194
		30 MHz to 1 GHz	-41.726	-41.615	-41.694	-41.452	-26.0	-15.442
		1 GHz to 2.108 GHz	-27.633	-27.601	-27.156	-27.667	-16.0	-11.146
		2.182 GHz to 6 GHz	-18.619	-19.607	-23.033	-18.900	-16.0	-2.609
		6 GHz to 18 GHz	-25.383	-25.756	-25.753	-25.415	-16.0	-9.373
		18 GHz to 22 GHz	-25.897	-26.091	-25.618	-25.989	-16.0	-9.608
	1	9 kHz to 150 kHz	-58.806	-58.567	-59.971	-59.116	-46.0	-12.557
		150 kHz to 30 MHz	-51.902	-52.688	-52.205	-52.451	-36.0	-15.892
		30 MHz to 1 GHz	-41.230	-41.113	-41.066	-41.134	-26.0	-15.056
		1 GHz to 2.108 GHz	-27.165	-26.710	-27.098	-27.074	-16.0	-10.700
		2.182 GHz to 6 GHz	-19.485	-19.568	-22.695	-19.378	-16.0	-3.368
		6 GHz to 18 GHz	-24.004	-23.931	-24.211	-23.950	-16.0	-7.921
		18 GHz to 22 GHz	-26.140	-25.929	-25.897	-25.570	-16.0	-9.560

Table 7-63. Conducted Spurious Emission Summary Data (B66_20M+5M+10M_Contiguous)

FCC ID: A3LRFV01U-D1A	 MEASUREMENT REPORT (C2PC) 		Approved by: Technical Manager
Test Report S/N: 8K21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)	Page 144 of 195

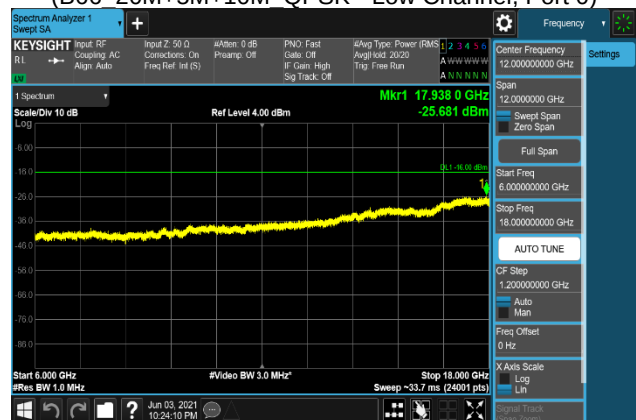
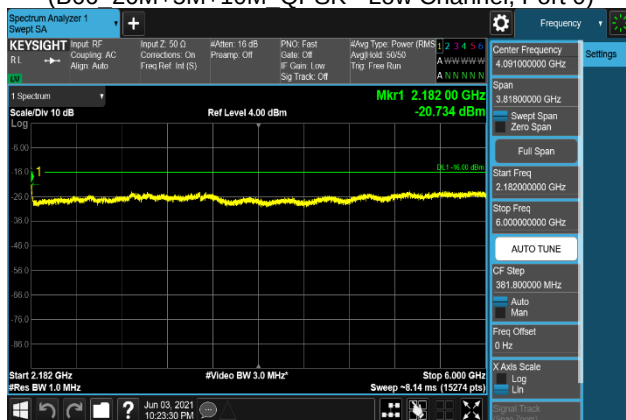
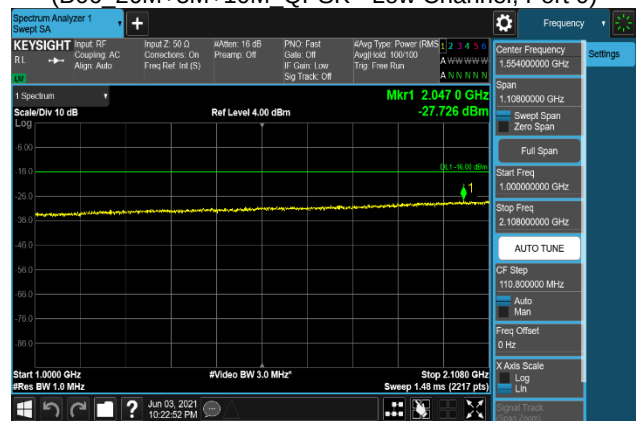
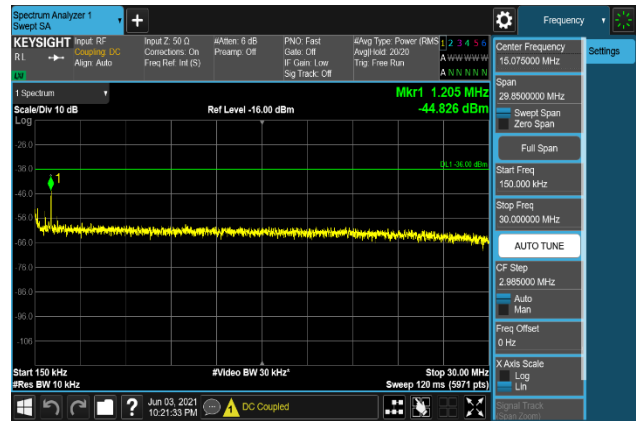
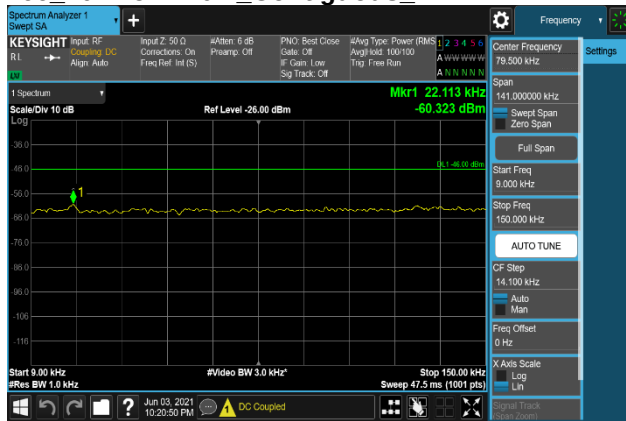
- B66 20M+5M+10M Non-Contiguous 2T

Channel	Port	Measurement Range	QPSK	16QAM	64QAM	256QAM	Limit (dBm)	Worst Margin (dB)
			Level(dBm)	Level(dBm)	Level(dBm)	Level(dBm)		
Low	0	9 kHz to 150 kHz	-59.057	-59.654	-59.333	-58.664	-46.0	-12.654
		150 kHz to 30 MHz	-43.922	-44.269	-44.426	-44.431	-36.0	-7.912
		30 MHz to 1 GHz	-41.527	-41.567	-41.367	-41.727	-26.0	-15.357
		1 GHz to 2.108 GHz	-27.796	-27.523	-27.569	-27.608	-16.0	-11.513
		2.182 GHz to 6 GHz	-17.757	-17.605	-18.370	-17.781	-16.0	-1.595
		6 GHz to 18 GHz	-25.867	-25.913	-25.901	-25.756	-16.0	-9.746
		18 GHz to 22 GHz	-25.886	-25.881	-25.565	-25.928	-16.0	-9.555
	1	9 kHz to 150 kHz	-59.281	-59.147	-59.852	-59.414	-46.0	-13.137
		150 kHz to 30 MHz	-52.776	-52.035	-52.038	-52.924	-36.0	-16.025
		30 MHz to 1 GHz	-41.022	-41.199	-41.271	-41.088	-26.0	-15.012
		1 GHz to 2.108 GHz	-27.160	-26.898	-27.260	-27.014	-16.0	-10.888
		2.182 GHz to 6 GHz	-17.866	-18.299	-18.432	-17.931	-16.0	-1.856
		6 GHz to 18 GHz	-23.715	-24.182	-24.276	-24.168	-16.0	-7.705
		18 GHz to 22 GHz	-25.477	-25.785	-26.000	-26.139	-16.0	-9.467

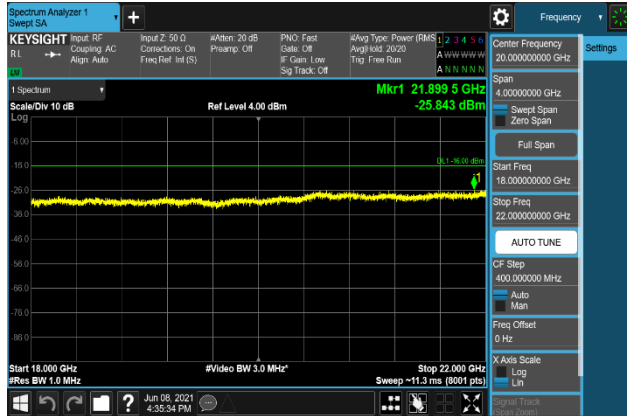
Table 7-64. Conducted Spurious Emission Summary Data (B66_20M+5M+10M_Non-Contiguous)

FCC ID: A3LRFV01U-D1A	 MEASUREMENT REPORT (C2PC) 		Approved by: Technical Manager
Test Report S/N: 8K21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)	Page 145 of 195

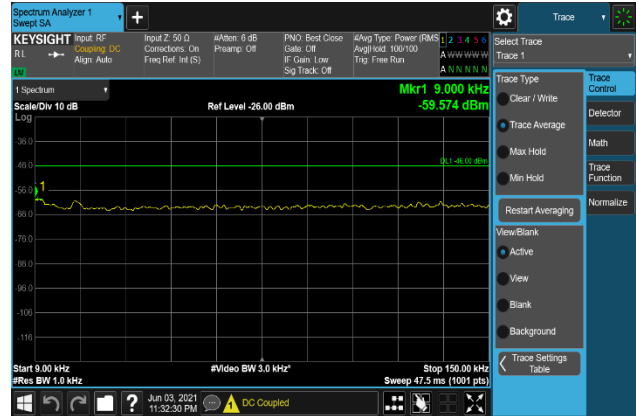
- B66 20M+5M+10M Contiguous 2T



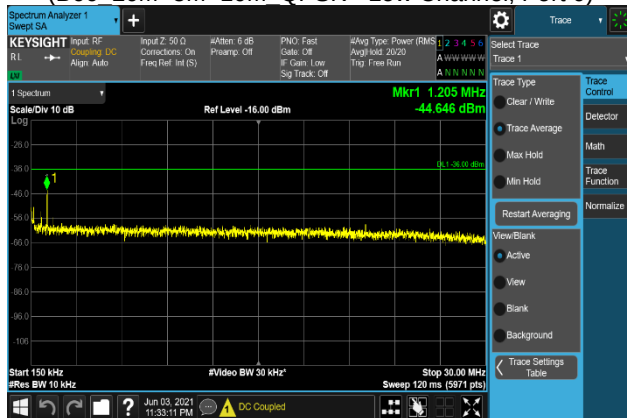
FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: BK21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)		Page 146 of 195



Plot 7-435. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 0)



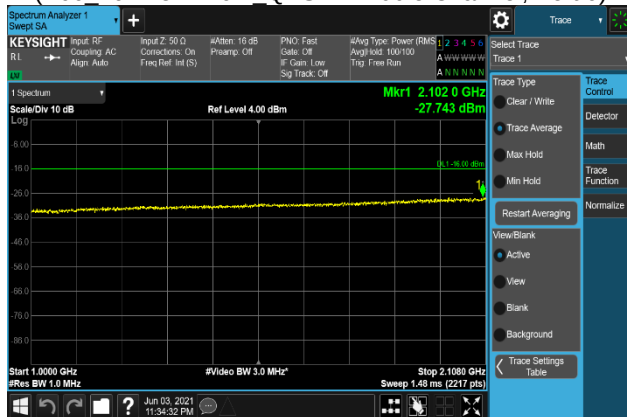
Plot 7-436. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_20M+5M+10M_QPSK - Middle Channel, Port 0)



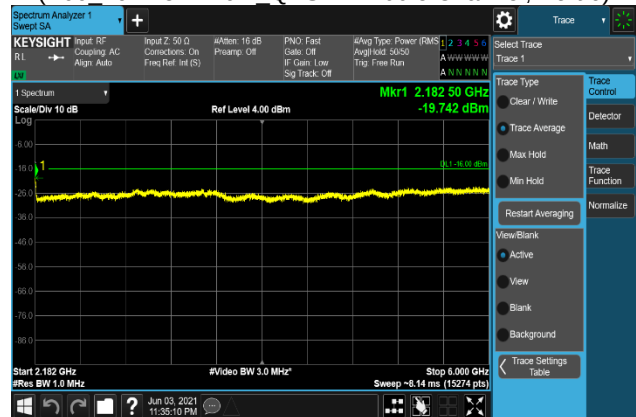
Plot 7-437. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_20M+5M+10M_QPSK - Middle Channel, Port 0)



Plot 7-438. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_20M+5M+10M_QPSK - Middle Channel, Port 0)



Plot 7-439. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_20M+5M+10M_QPSK - Middle Channel, Port 0)



Plot 7-440. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_20M+5M+10M_QPSK - Middle Channel, Port 0)

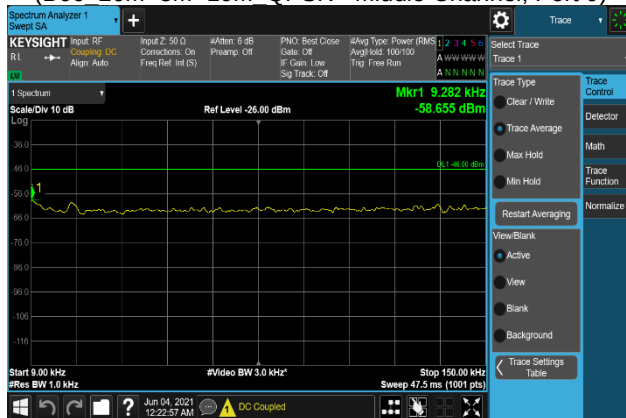
FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)		Page 147 of 195



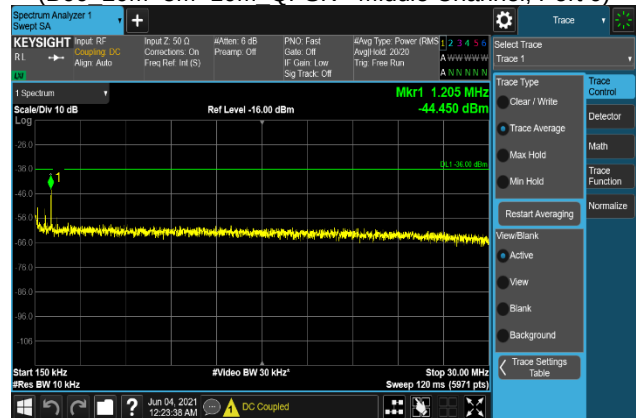
Plot 7-441. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B66 20M+5M+10M QPSK - Middle Channel, Port 0)



Plot 7-442. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66 20M+5M+10M QPSK - Middle Channel, Port 0)



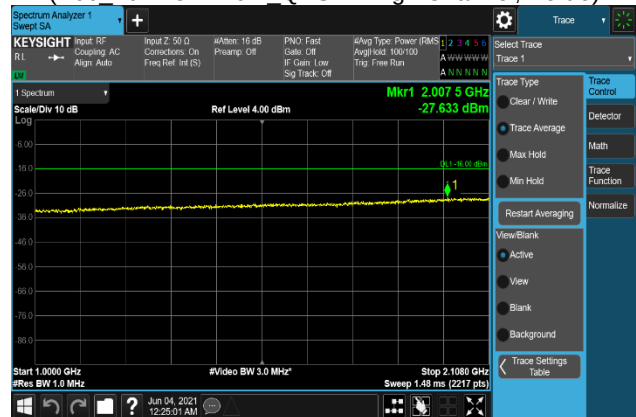
Plot 7-443. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66 20M+5M+10M QPSK - High Channel, Port 0)



Plot 7-444. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66 20M+5M+10M QPSK - High Channel, Port 0)

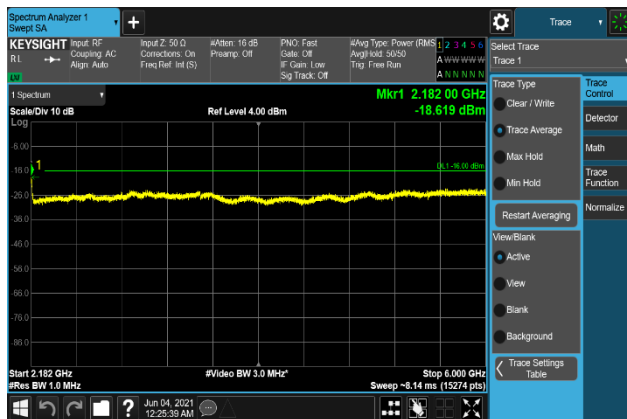


Plot 7-445. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_20M+5M+10M_QPSK - High Channel, Port 0)



Plot 7-446. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_20M+5M+10M_QPSK - High Channel, Port 0)

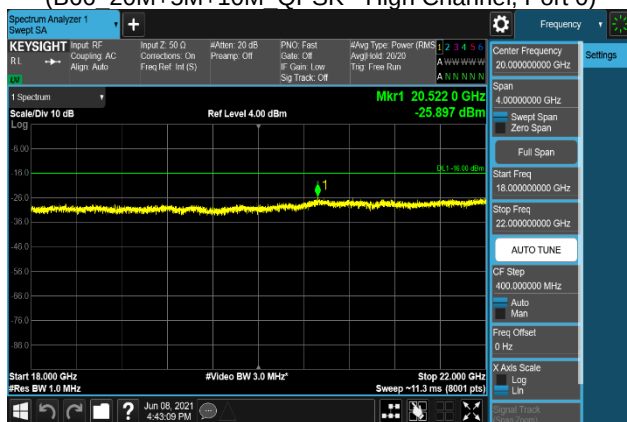
FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: BK21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)		Page 148 of 195



Plot 7-447. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_20M+5M+10M_QPSK - High Channel, Port 0)



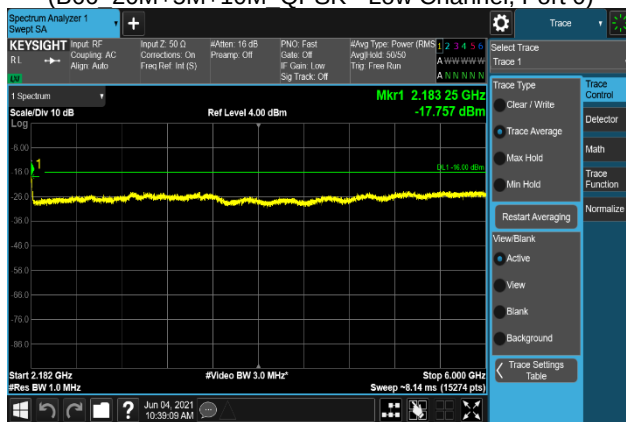
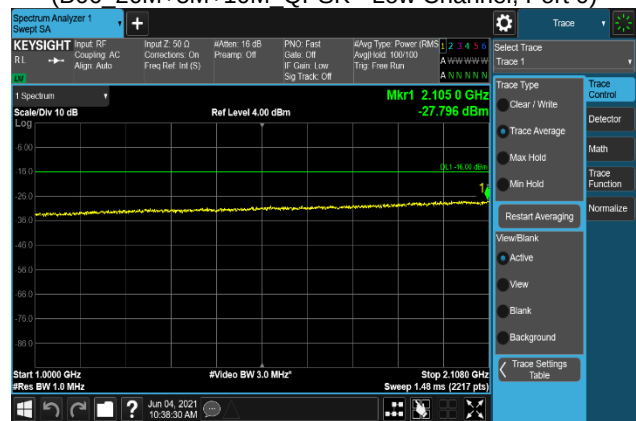
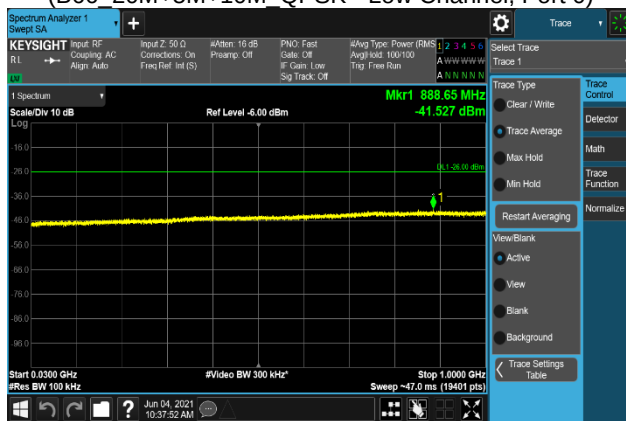
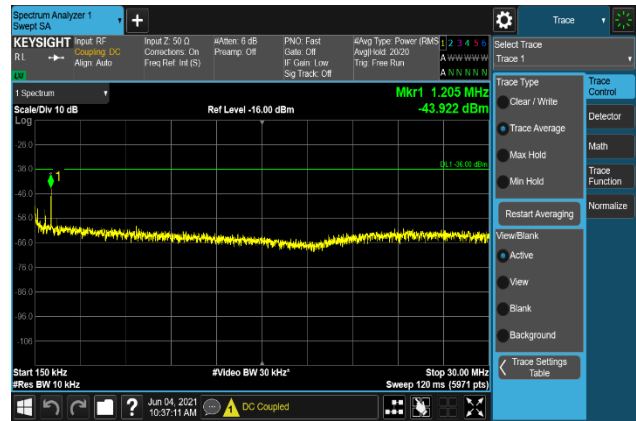
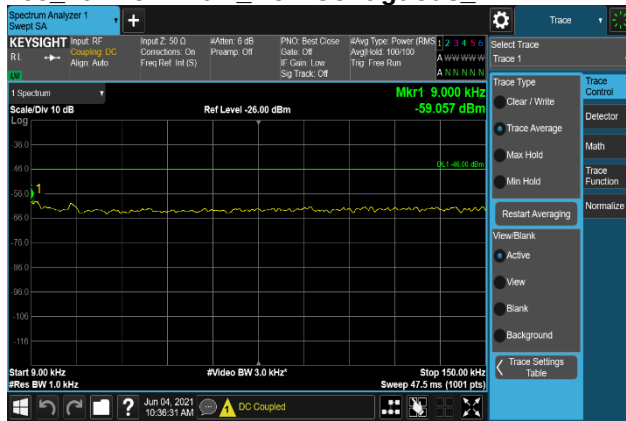
Plot 7-448. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B66_20M+5M+10M_QPSK - High Channel, Port 0)



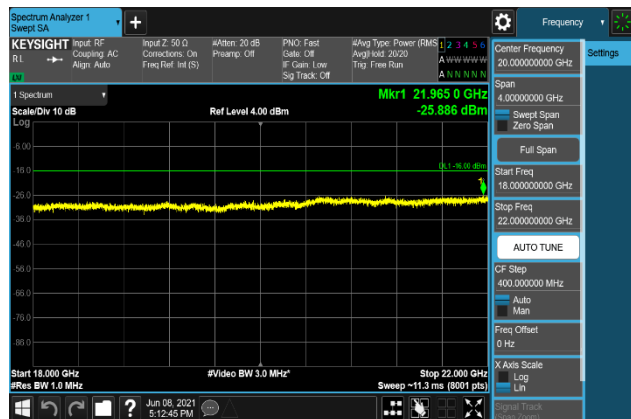
Plot 7-449. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_20M+5M+10M_QPSK - High Channel, Port 0)

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- B66 20M+5M+10M_Non-Contiguous_2T



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Plot 7-456. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 0)

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- B66 20M+5M+10M Contiguous 4T

Channel	Port	Measurement Range	QPSK	16QAM	64QAM	256QAM	Limit (dBm)	Worst Margin (dB)
			Level(dBm)	Level(dBm)	Level(dBm)	Level(dBm)		
Low	0	9 kHz to 150 kHz	-60.742	-60.613	-60.788	-61.142	-49.0	-11.593
		150 kHz to 30 MHz	-43.179	-43.409	-43.237	-43.524	-39.0	-4.159
		30 MHz to 1 GHz	-41.726	-41.741	-41.744	-41.637	-29.0	-12.617
		1 GHz to 2.108 GHz	-28.049	-27.866	-27.575	-27.942	-19.0	-8.555
		2.182 GHz to 6 GHz	-23.097	-22.079	-23.024	-22.656	-19.0	-3.059
		6 GHz to 18 GHz	-25.798	-26.120	-25.576	-25.817	-19.0	-6.556
		18 GHz to 22 GHz	-25.992	-25.864	-26.240	-26.016	-19.0	-6.844
	1	9 kHz to 150 kHz	-61.211	-60.736	-61.156	-61.200	-49.0	-12.136
		150 kHz to 30 MHz	-53.224	-53.615	-52.701	-52.051	-39.0	-13.031
		30 MHz to 1 GHz	-41.158	-41.284	-41.334	-40.964	-29.0	-11.944
		1 GHz to 2.108 GHz	-27.375	-27.449	-27.303	-27.508	-19.0	-8.283
		2.182 GHz to 6 GHz	-22.725	-22.225	-22.641	-22.863	-19.0	-3.205
		6 GHz to 18 GHz	-24.700	-24.177	-24.628	-24.219	-19.0	-5.199
		18 GHz to 22 GHz	-25.830	-25.873	-26.121	-26.058	-19.0	-6.810
	2	9 kHz to 150 kHz	-61.682	-61.326	-61.577	-61.058	-49.0	-12.038
		150 kHz to 30 MHz	-53.751	-52.488	-52.973	-52.457	-39.0	-13.437
		30 MHz to 1 GHz	-41.875	-41.854	-41.925	-41.841	-29.0	-12.821
		1 GHz to 2.108 GHz	-26.733	-28.104	-27.990	-28.074	-19.0	-7.713
		2.182 GHz to 6 GHz	-23.499	-22.158	-23.489	-23.546	-19.0	-3.138
		6 GHz to 18 GHz	-25.684	-26.456	-26.706	-26.624	-19.0	-6.664
		18 GHz to 22 GHz	-25.968	-25.781	-26.057	-25.671	-19.0	-6.651
	3	9 kHz to 150 kHz	-60.866	-61.130	-61.425	-60.960	-49.0	-11.846
		150 kHz to 30 MHz	-53.050	-51.993	-52.166	-53.404	-39.0	-12.973
		30 MHz to 1 GHz	-42.651	-42.447	-42.585	-42.354	-29.0	-13.334
		1 GHz to 2.108 GHz	-29.013	-28.861	-28.568	-28.896	-19.0	-9.548
		2.182 GHz to 6 GHz	-24.784	-24.588	-24.512	-24.496	-19.0	-5.476
		6 GHz to 18 GHz	-27.931	-28.325	-28.234	-27.727	-19.0	-8.707
		18 GHz to 22 GHz	-25.714	-25.633	-26.024	-26.024	-19.0	-6.613
Middle	0	9 kHz to 150 kHz	-61.272	-61.184	-60.884	-61.201	-49.0	-11.864
		150 kHz to 30 MHz	-43.206	-43.271	-43.146	-43.439	-39.0	-4.126
		30 MHz to 1 GHz	-41.930	-41.869	-41.796	-41.699	-29.0	-12.679
		1 GHz to 2.108 GHz	-27.835	-27.859	-27.766	-27.806	-19.0	-8.746
		2.182 GHz to 6 GHz	-21.754	-21.917	-21.965	-21.868	-19.0	-2.734
		6 GHz to 18 GHz	-25.703	-25.309	-25.505	-25.759	-19.0	-6.289
		18 GHz to 22 GHz	-26.158	-25.944	-25.895	-26.106	-19.0	-6.875
	1	9 kHz to 150 kHz	-61.360	-60.761	-61.336	-60.554	-49.0	-11.534
		150 kHz to 30 MHz	-54.189	-53.207	-53.707	-52.621	-39.0	-13.601
		30 MHz to 1 GHz	-41.429	-41.094	-41.107	-41.228	-29.0	-12.074
		1 GHz to 2.108 GHz	-27.087	-27.533	-27.273	-27.318	-19.0	-8.067
		2.182 GHz to 6 GHz	-22.052	-21.795	-21.189	-21.526	-19.0	-2.169
		6 GHz to 18 GHz	-24.578	-24.515	-24.163	-24.280	-19.0	-5.143
		18 GHz to 22 GHz	-25.931	-25.936	-26.112	-25.806	-19.0	-6.786
	2	9 kHz to 150 kHz	-61.135	-61.522	-61.377	-61.185	-49.0	-12.115
		150 kHz to 30 MHz	-53.769	-52.833	-53.569	-53.829	-39.0	-13.813
		30 MHz to 1 GHz	-41.897	-41.813	-41.816	-41.831	-29.0	-12.793
		1 GHz to 2.108 GHz	-27.982	-27.975	-27.678	-27.988	-19.0	-8.658
		2.182 GHz to 6 GHz	-21.443	-21.625	-23.612	-23.573	-19.0	-2.423
		6 GHz to 18 GHz	-26.002	-26.393	-26.106	-26.423	-19.0	-6.982
		18 GHz to 22 GHz	-26.086	-25.693	-26.159	-26.142	-19.0	-6.673

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