

High	3	9 kHz to 150 kHz	-61.259	-61.096	-61.265	-61.458	-49.0	-12.076
		150 kHz to 30 MHz	-52.275	-53.821	-52.453	-53.094	-39.0	-13.255
		30 MHz to 1 GHz	-42.465	-42.393	-42.172	-42.487	-29.0	-13.152
		1 GHz to 2.108 GHz	-28.676	-29.106	-28.960	-28.634	-19.0	-9.940
		2.182 GHz to 6 GHz	-23.787	-24.372	-24.694	-24.086	-19.0	-4.767
		6 GHz to 18 GHz	-28.059	-28.507	-28.015	-28.031	-19.0	-8.995
		18 GHz to 22 GHz	-25.881	-25.905	-25.773	-25.939	-19.0	-6.753
	0	9 kHz to 150 kHz	-61.144	-60.776	-60.843	-61.674	-49.0	-11.756
		150 kHz to 30 MHz	-43.355	-43.594	-43.373	-43.136	-39.0	-4.116
		30 MHz to 1 GHz	-41.748	-41.857	-41.904	-41.854	-29.0	-12.728
		1 GHz to 2.108 GHz	-27.798	-27.807	-28.036	-27.882	-19.0	-8.778
		2.182 GHz to 6 GHz	-21.149	-20.301	-20.930	-20.146	-19.0	-1.126
		6 GHz to 18 GHz	-25.740	-26.008	-26.108	-25.892	-19.0	-6.720
		18 GHz to 22 GHz	-25.811	-25.964	-26.167	-26.079	-19.0	-6.791
	1	9 kHz to 150 kHz	-61.254	-60.156	-60.456	-60.306	-49.0	-11.136
		150 kHz to 30 MHz	-52.762	-52.621	-53.360	-53.848	-39.0	-13.742
		30 MHz to 1 GHz	-41.367	-41.256	-41.369	-41.300	-29.0	-12.236
		1 GHz to 2.108 GHz	-27.493	-27.345	-27.273	-27.392	-19.0	-8.253
		2.182 GHz to 6 GHz	-21.067	-20.747	-20.574	-20.696	-19.0	-1.554
		6 GHz to 18 GHz	-24.569	-24.046	-24.480	-24.480	-19.0	-5.026
		18 GHz to 22 GHz	-26.034	-25.481	-25.543	-26.007	-19.0	-6.461
	2	9 kHz to 150 kHz	-61.397	-61.444	-61.196	-61.224	-49.0	-12.176
		150 kHz to 30 MHz	-53.089	-53.497	-53.193	-52.059	-39.0	-13.039
		30 MHz to 1 GHz	-41.630	-41.793	-41.957	-41.759	-29.0	-12.610
		1 GHz to 2.108 GHz	-27.759	-27.914	-27.765	-28.150	-19.0	-8.739
		2.182 GHz to 6 GHz	-22.452	-20.543	-20.798	-22.001	-19.0	-1.523
		6 GHz to 18 GHz	-26.450	-26.225	-26.168	-26.122	-19.0	-7.102
		18 GHz to 22 GHz	-25.417	-25.819	-25.439	-26.045	-19.0	-6.419
	3	9 kHz to 150 kHz	-61.319	-61.106	-61.087	-61.338	-49.0	-12.067
		150 kHz to 30 MHz	-51.942	-52.201	-52.517	-52.568	-39.0	-12.922
		30 MHz to 1 GHz	-42.642	-42.297	-42.528	-42.606	-29.0	-13.277
		1 GHz to 2.108 GHz	-29.043	-28.940	-28.884	-28.663	-19.0	-9.643
		2.182 GHz to 6 GHz	-21.787	-21.260	-21.032	-22.386	-19.0	-2.012
		6 GHz to 18 GHz	-28.031	-27.927	-27.863	-27.859	-19.0	-8.839
		18 GHz to 22 GHz	-25.657	-25.475	-25.444	-26.126	-19.0	-6.424

Table 7-65. 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 153 of 195

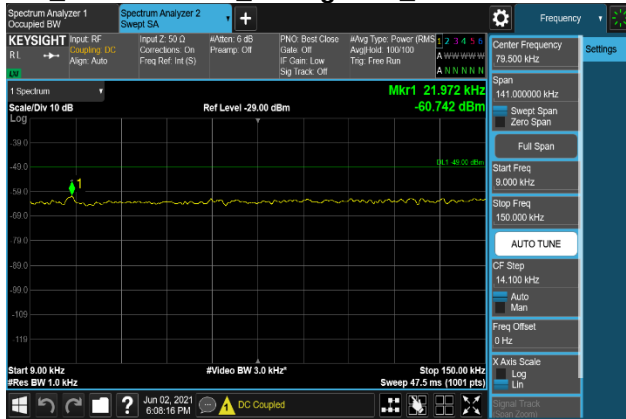
- B66 20M+5M+10M Non-Contiguous 4T

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	-61.385	-60.339	-60.497	-60.874	-49.0	-11.319
		150 kHz to 30 MHz	-43.152	-43.017	-43.671	-43.266	-39.0	-3.997
		30 MHz to 1 GHz	-41.656	-41.777	-41.694	-41.627	-29.0	-12.607
		1 GHz to 2.108 GHz	-27.677	-27.683	-27.678	-27.911	-19.0	-8.658
		2.182 GHz to 6 GHz	-20.153	-19.894	-19.599	-20.276	-19.0	-0.579
		6 GHz to 18 GHz	-25.802	-25.709	-25.583	-25.501	-19.0	-6.481
		18 GHz to 22 GHz	-25.723	-25.163	-25.274	-26.008	-19.0	-6.143
	1	9 kHz to 150 kHz	-61.480	-61.429	-61.650	-61.025	-49.0	-12.005
		150 kHz to 30 MHz	-53.088	-53.199	-53.629	-53.179	-39.0	-14.068
		30 MHz to 1 GHz	-41.427	-41.030	-41.380	-41.364	-29.0	-12.010
		1 GHz to 2.108 GHz	-27.317	-27.196	-27.277	-27.127	-19.0	-8.107
		2.182 GHz to 6 GHz	-19.508	-19.907	-19.710	-20.145	-19.0	-0.488
		6 GHz to 18 GHz	-24.463	-24.360	-24.251	-24.156	-19.0	-5.136
		18 GHz to 22 GHz	-25.546	-25.952	-26.043	-25.745	-19.0	-6.526
	2	9 kHz to 150 kHz	-61.606	-61.359	-60.989	-60.812	-49.0	-11.792
		150 kHz to 30 MHz	-53.258	-53.088	-52.898	-53.073	-39.0	-13.878
		30 MHz to 1 GHz	-41.653	-41.512	-41.926	-41.633	-29.0	-12.492
		1 GHz to 2.108 GHz	-26.988	-27.775	-27.758	-27.756	-19.0	-7.968
		2.182 GHz to 6 GHz	-21.052	-19.414	-22.764	-23.005	-19.0	-0.394
		6 GHz to 18 GHz	-26.207	-26.076	-26.464	-26.282	-19.0	-7.056
		18 GHz to 22 GHz	-26.048	-25.733	-25.846	-25.548	-19.0	-6.528
	3	9 kHz to 150 kHz	-61.021	-61.097	-61.016	-60.516	-49.0	-11.496
		150 kHz to 30 MHz	-52.843	-52.204	-51.572	-53.418	-39.0	-12.552
		30 MHz to 1 GHz	-42.218	-42.435	-42.692	-42.517	-29.0	-13.198
		1 GHz to 2.108 GHz	-28.778	-28.828	-28.764	-28.922	-19.0	-9.758
		2.182 GHz to 6 GHz	-23.117	-22.656	-22.017	-22.846	-19.0	-2.997
		6 GHz to 18 GHz	-28.047	-27.931	-27.944	-28.285	-19.0	-8.911
		18 GHz to 22 GHz	-25.918	-25.914	-25.625	-26.168	-19.0	-6.605

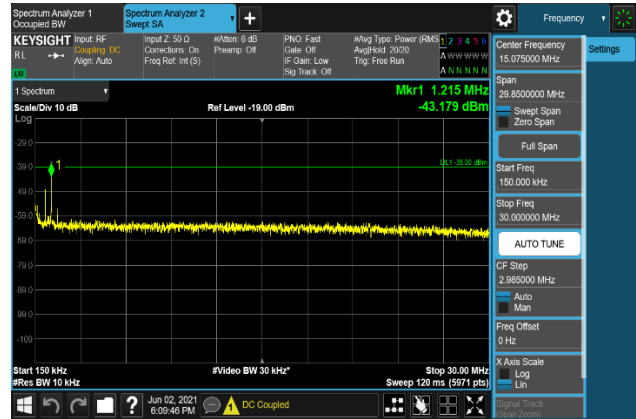
Table 7-66. Conducted Spurious Emission Summary Data (B66_20M+5M+10M_Non-Contiguous)

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 154 of 195	

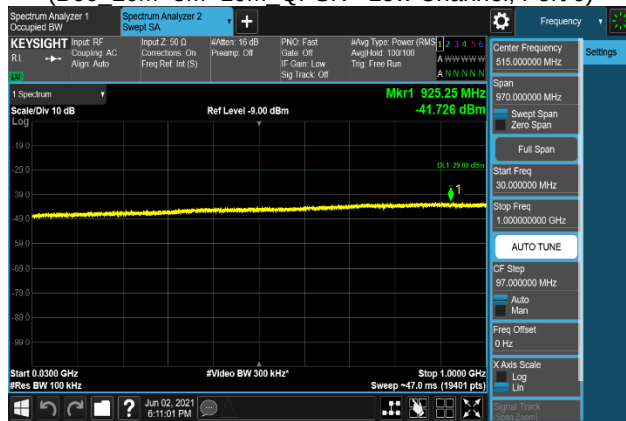
- B66 20M+5M+10M Contiguous 4T



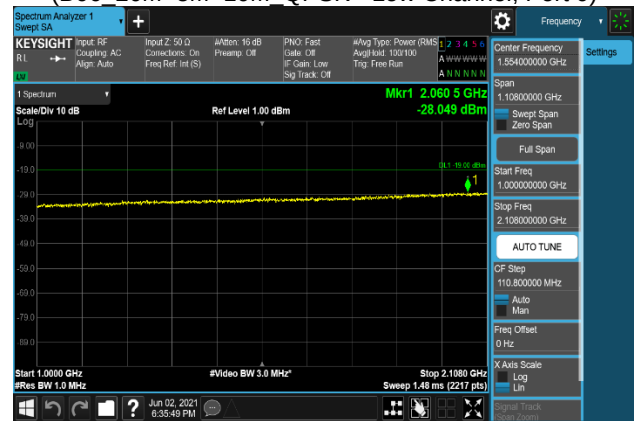
Plot 7-457. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66 20M+5M+10M QPSK - Low Channel, Port 0)



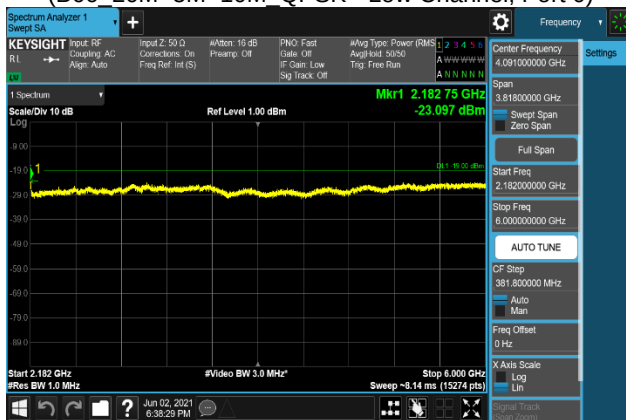
Plot 7-458. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66 20M+5M+10M QPSK - Low Channel, Port 0)



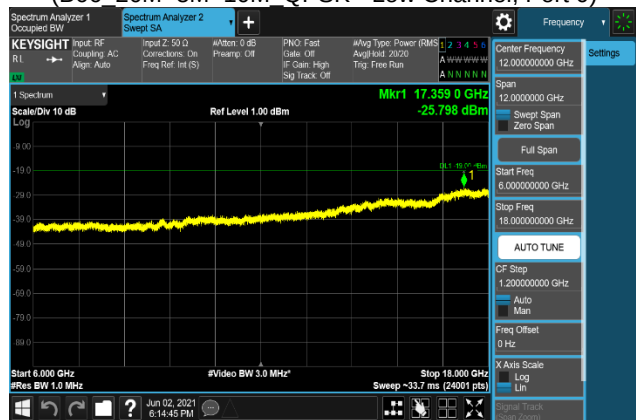
Plot 7-459. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66 20M+5M+10M QPSK - Low Channel, Port 0)



Plot 7-460. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66 20M+5M+10M QPSK - Low Channel, Port 0)

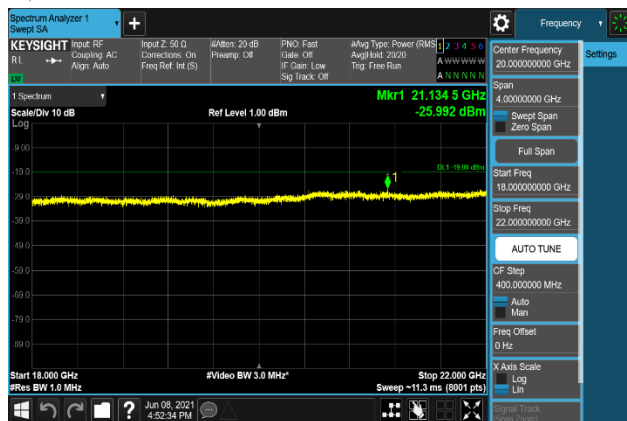


Plot 7-461. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 0)

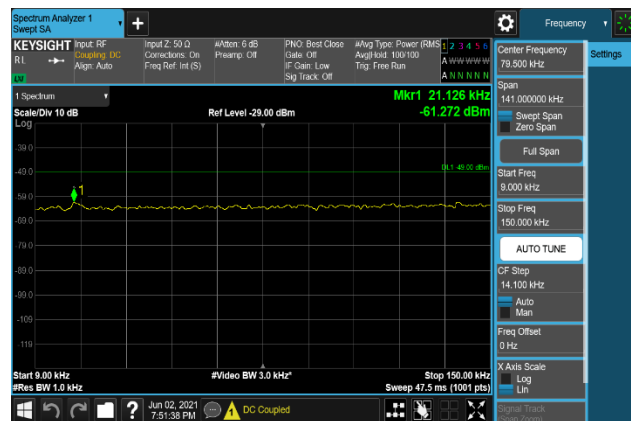


Plot 7-462. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 0)

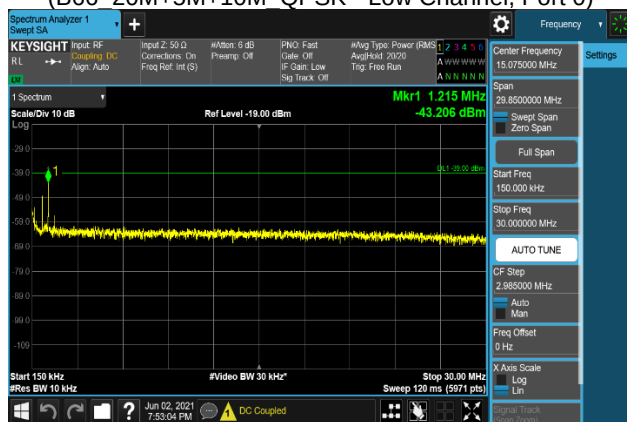
FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: BK21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)		Page 155 of 195



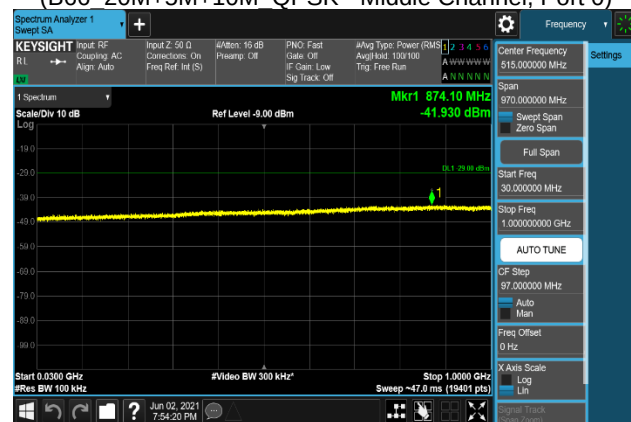
Plot 7-463. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 0)



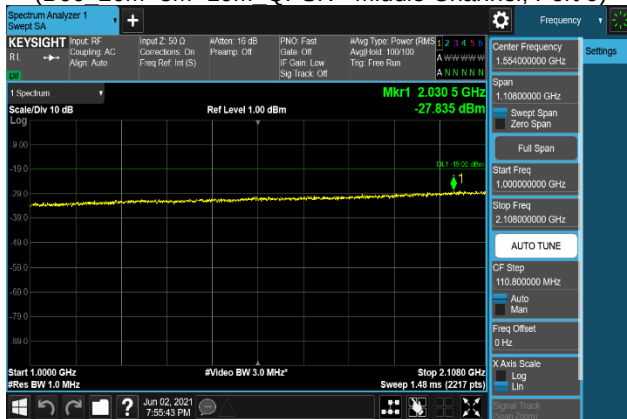
Plot 7-464. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_20M+5M+10M_QPSK - Middle Channel, Port 0)



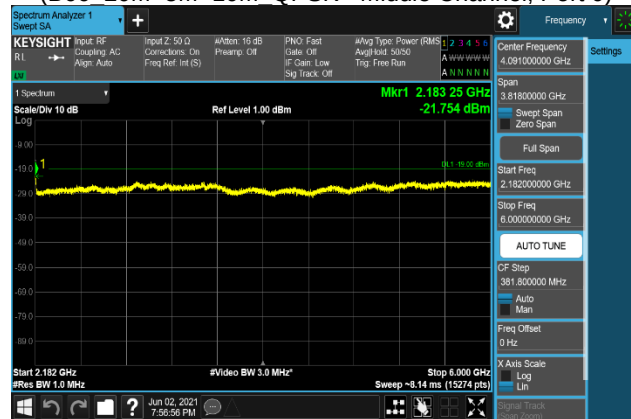
Plot 7-465. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_20M+5M+10M_QPSK - Middle Channel, Port 0)



Plot 7-466. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_20M+5M+10M_QPSK - Middle Channel, Port 0)



Plot 7-467. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_20M+5M+10M_QPSK - Middle Channel, Port 0)



Plot 7-468. 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 156 of 195



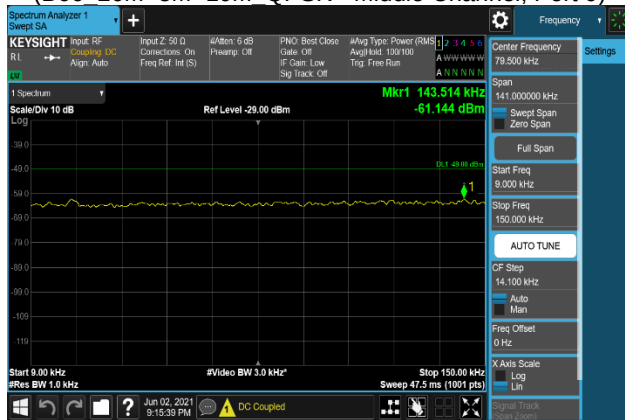
Plot 7-469. Conducted Spurious Emission Plot
6 GHz to 18 GHz

(B66 20M+5M+10M QPSK - Middle Channel, Port 0)



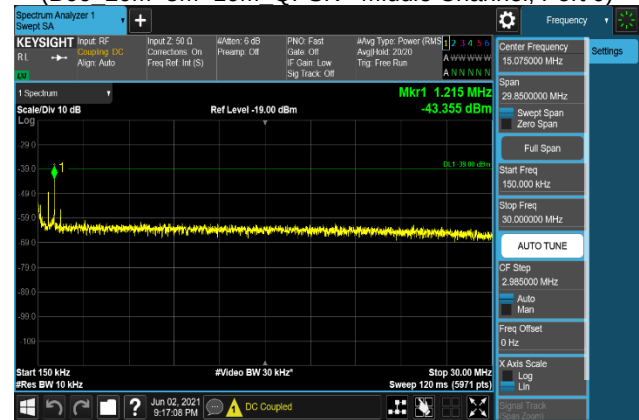
Plot 7-470. Conducted Spurious Emission Plot
18 GHz to 22 GHz

(B66 20M+5M+10M QPSK - Middle Channel, Port 0)



Plot 7-471. Conducted Spurious Emission Plot
9 kHz to 150 kHz

(B66 20M+5M+10M QPSK - High Channel, Port 0)



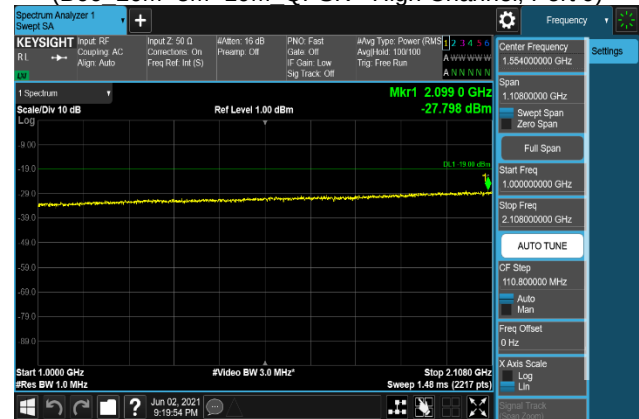
Plot 7-472. Conducted Spurious Emission Plot
150 kHz to 30 MHz

(B66 20M+5M+10M QPSK - High Channel, Port 0)



Plot 7-473. Conducted Spurious Emission Plot
30 MHz to 1 GHz

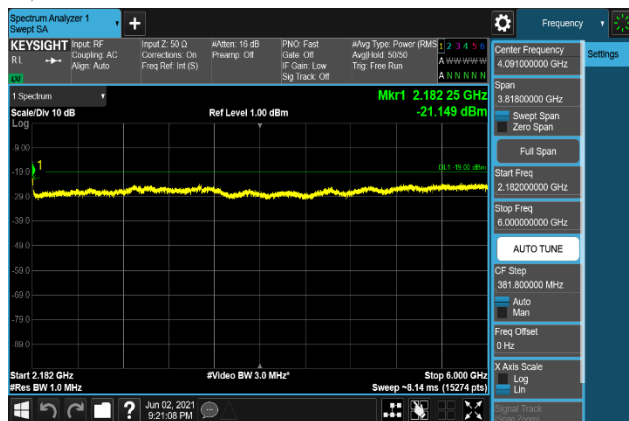
(B66_20M+5M+10M_QPSK - High Channel, Port 0)



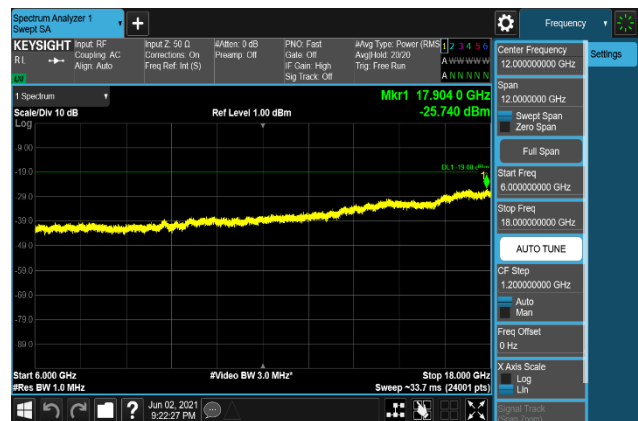
Plot 7-474. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz

(B66_20M+5M+10M_QPSK - High Channel, Port 0)

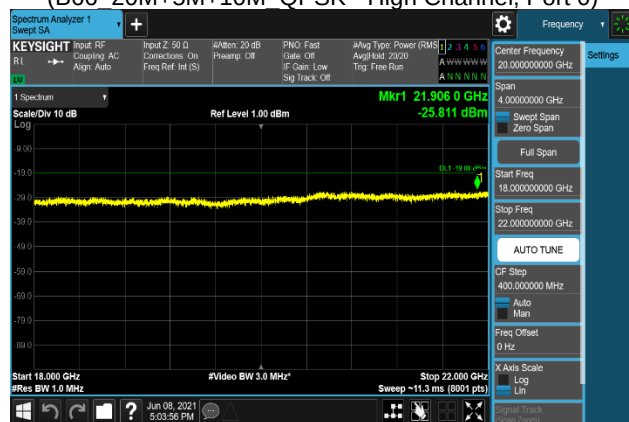
FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)		Page 157 of 195



Plot 7-475. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_20M+5M+10M_QPSK - High Channel, Port 0)



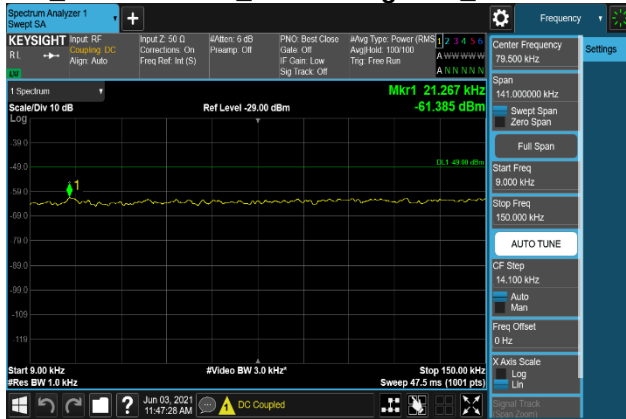
Plot 7-476. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B66_20M+5M+10M_QPSK - High Channel, Port 0)



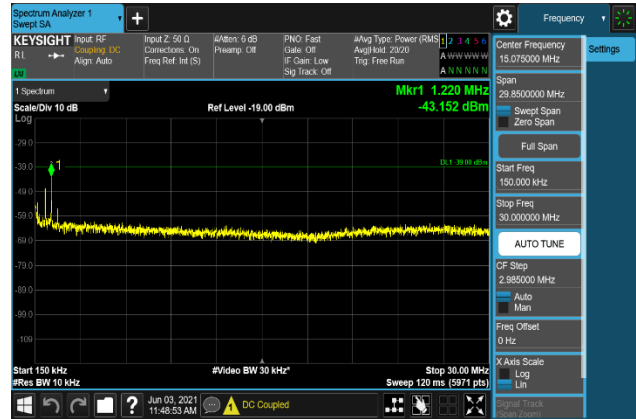
Plot 7-477. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_20M+5M+10M_QPSK - High Channel, Port 0)

FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)		Page 158 of 195

- B66 20M+5M+10M_Non-Contiguous_4T



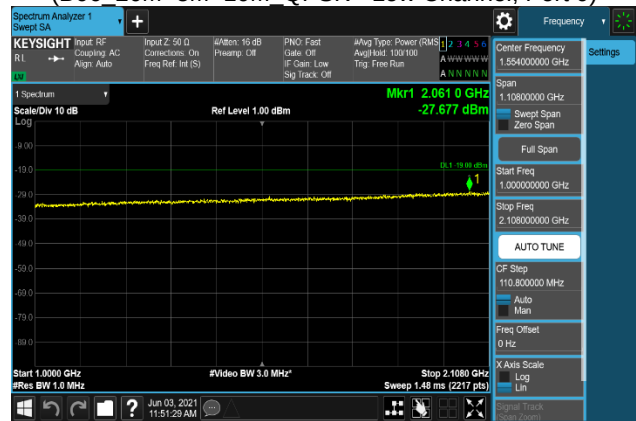
Plot 7-478. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 0)



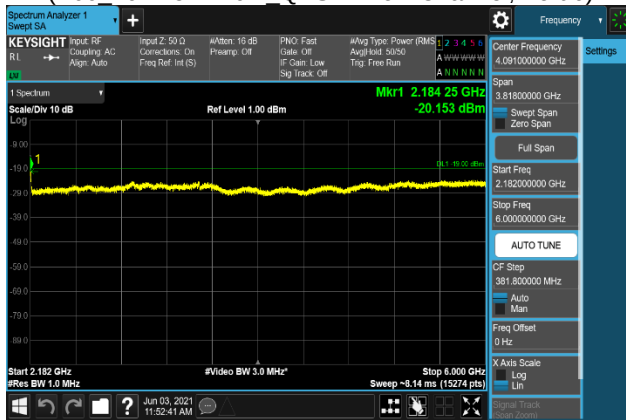
Plot 7-479. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 0)



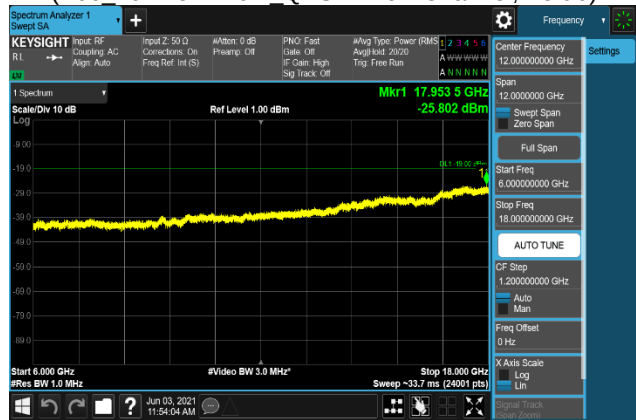
Plot 7-480. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 0)



Plot 7-481. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 0)

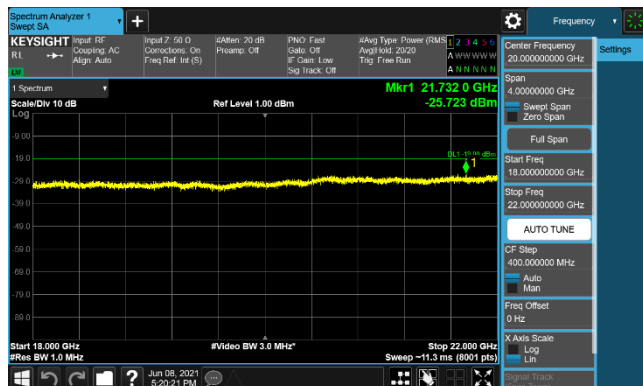


Plot 7-482. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 0)



Plot 7-483. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B66_20M+5M+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 159 of 195



Plot 7-484. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 0)

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 160 of 195

- B2_20M+5M_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	-60.924	-60.162	-60.328	-61.001	-46.0	-14.152
		150 kHz to 30 MHz	-51.640	-52.381	-52.194	-51.609	-36.0	-15.599
		30 MHz to 1 GHz	-41.855	-41.412	-41.561	-41.767	-26.0	-15.402
		1 GHz to 1.928 GHz	-18.720	-17.933	-17.419	-18.330	-16.0	-1.409
		1.992 GHz to 6 GHz	-23.361	-23.182	-22.981	-23.222	-16.0	-6.971
		6 GHz to 18 GHz	-25.786	-25.722	-25.524	-25.251	-16.0	-9.241
		18 GHz to 22 GHz	-25.456	-25.348	-26.123	-25.879	-16.0	-9.338
	1	9 kHz to 150 kHz	-60.598	-60.544	-60.262	-60.721	-46.0	-14.252
		150 kHz to 30 MHz	-52.677	-52.881	-52.065	-51.455	-36.0	-15.445
		30 MHz to 1 GHz	-41.219	-41.421	-41.340	-41.213	-26.0	-15.203
		1 GHz to 1.928 GHz	-19.308	-18.662	-18.132	-18.716	-16.0	-2.122
		1.992 GHz to 6 GHz	-22.408	-22.590	-22.876	-22.940	-16.0	-6.398
		6 GHz to 18 GHz	-24.482	-24.646	-24.613	-24.548	-16.0	-8.472
		18 GHz to 22 GHz	-25.491	-25.981	-26.273	-25.961	-16.0	-9.481
Middle	0	9 kHz to 150 kHz	-13.842	-14.750	-14.434	-15.096	-46.0	-13.842
		150 kHz to 30 MHz	-16.425	-15.653	-15.940	-17.031	-36.0	-15.653
		30 MHz to 1 GHz	-15.543	-15.663	-15.624	-15.790	-26.0	-15.543
		1 GHz to 1.928 GHz	-9.007	-7.798	-8.512	-8.021	-16.0	-7.798
		1.992 GHz to 6 GHz	-6.649	-6.289	-6.866	-7.315	-16.0	-6.289
		6 GHz to 18 GHz	-9.914	-9.615	-9.574	-9.839	-16.0	-9.574
		18 GHz to 22 GHz	-9.841	-9.960	-9.629	-43.987	-16.0	-9.629
	1	9 kHz to 150 kHz	-14.508	-15.107	-14.953	-14.647	-46.0	-14.508
		150 kHz to 30 MHz	-16.439	-17.071	-16.406	-16.590	-36.0	-16.406
		30 MHz to 1 GHz	-15.257	-15.207	-15.208	-15.028	-26.0	-15.028
		1 GHz to 1.928 GHz	-8.443	-7.829	-9.116	-8.611	-16.0	-7.829
		1.992 GHz to 6 GHz	-6.765	-6.798	-6.917	-6.779	-16.0	-6.765
		6 GHz to 18 GHz	-8.070	-8.489	-8.440	-8.182	-16.0	-8.070
		18 GHz to 22 GHz	-9.825	-9.944	-44.469	-44.195	-16.0	-9.825
High	0	9 kHz to 150 kHz	-14.394	-14.737	-14.771	-13.858	-46.0	-13.858
		150 kHz to 30 MHz	-16.042	-16.164	-15.711	-14.729	-36.0	-14.729
		30 MHz to 1 GHz	-15.709	-15.707	-15.724	-15.734	-26.0	-15.707
		1 GHz to 1.928 GHz	-9.200	-9.513	-8.858	-8.866	-16.0	-8.858
		1.992 GHz to 6 GHz	-2.456	-3.459	-3.541	-3.046	-16.0	-2.456
		6 GHz to 18 GHz	-9.944	-9.786	-9.546	-9.540	-16.0	-9.540
		18 GHz to 22 GHz	-44.452	-43.994	-44.585	-44.281	-16.0	-43.994
	1	9 kHz to 150 kHz	-14.743	-15.203	-15.161	-15.277	-46.0	-14.743
		150 kHz to 30 MHz	-16.928	-16.232	-17.616	-15.894	-36.0	-15.894
		30 MHz to 1 GHz	-15.253	-15.461	-15.245	-15.230	-26.0	-15.230
		1 GHz to 1.928 GHz	-9.370	-8.137	-8.668	-8.865	-16.0	-8.137
		1.992 GHz to 6 GHz	-5.710	-3.895	-4.342	-4.359	-16.0	-3.895
		6 GHz to 18 GHz	-8.211	-8.484	-7.588	-8.544	-16.0	-7.588
		18 GHz to 22 GHz	-44.435	-44.297	-44.558	-44.364	-16.0	-44.297

Table 7-67. Conducted Spurious Emission Summary Data (B2_20M+5M_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 161 of 195

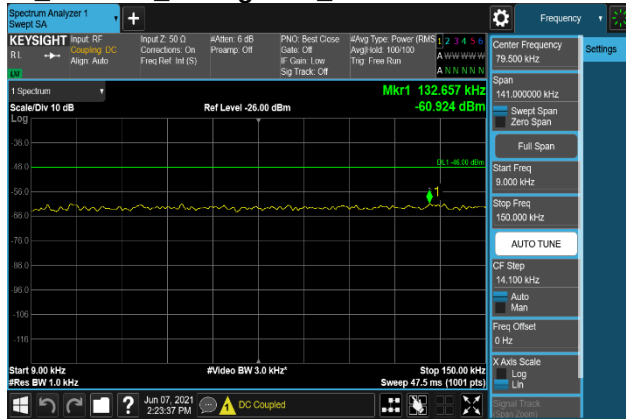
- B2_20M+5M_Non-Contiguous_2T

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	-60.294	-60.525	-60.565	-60.304	-46.0	-14.284
		150 kHz to 30 MHz	-51.425	-51.515	-53.046	-52.223	-36.0	-15.415
		30 MHz to 1 GHz	-41.744	-41.558	-41.871	-41.763	-26.0	-15.548
		1 GHz to 1.928 GHz	-18.970	-21.194	-19.763	-20.108	-16.0	-2.960
		1.992 GHz to 6 GHz	-19.233	-18.954	-19.113	-18.263	-16.0	-2.253
		6 GHz to 18 GHz	-25.618	-25.914	-25.809	-25.916	-16.0	-9.608
		18 GHz to 22 GHz	-26.173	-25.685	-26.226	-25.522	-16.0	-9.512
	1	9 kHz to 150 kHz	-61.121	-60.553	-61.288	-60.744	-46.0	-14.543
		150 kHz to 30 MHz	-52.363	-52.772	-52.616	-52.739	-36.0	-16.353
		30 MHz to 1 GHz	-41.197	-41.392	-41.145	-41.376	-26.0	-15.135
		1 GHz to 1.928 GHz	-20.814	-21.205	-21.896	-21.441	-16.0	-4.804
		1.992 GHz to 6 GHz	-21.094	-21.319	-20.955	-21.358	-16.0	-4.945
		6 GHz to 18 GHz	-24.395	-24.450	-24.216	-24.252	-16.0	-8.206
		18 GHz to 22 GHz	-25.892	-26.202	-25.784	-26.091	-16.0	-9.774

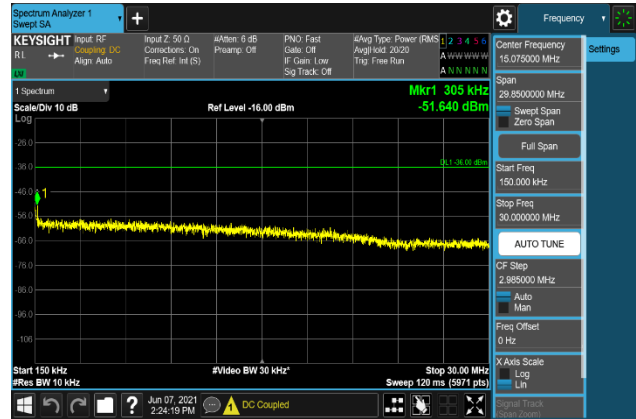
Table 7-68. Conducted Spurious Emission Summary Data (B2_20M+5M_Non-Contiguous)

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 162 of 195

- B2_20M+5M_Contiguous_2T



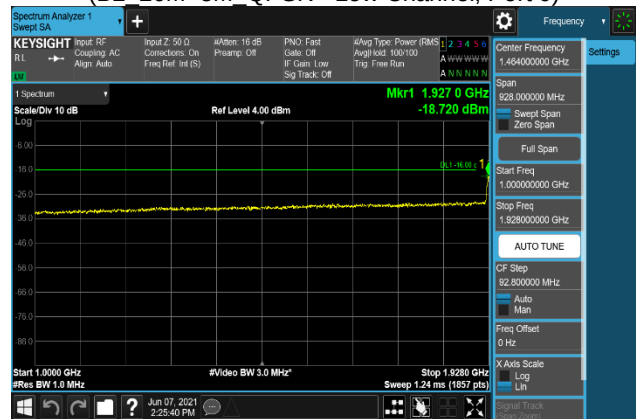
Plot 7-485. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B2_20M+5M_QPSK - Low Channel, Port 0)



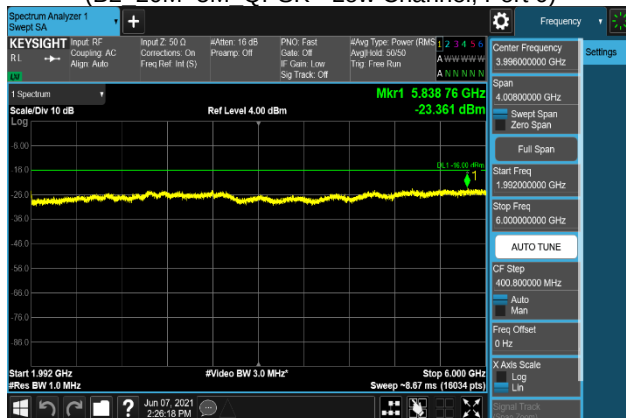
Plot 7-486. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B2_20M+5M_QPSK - Low Channel, Port 0)



Plot 7-487. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B2_20M+5M_QPSK - Low Channel, Port 0)



Plot 7-488. Conducted Spurious Emission Plot
1 GHz to 1.928 GHz
(B2_20M+5M_QPSK - Low Channel, Port 0)

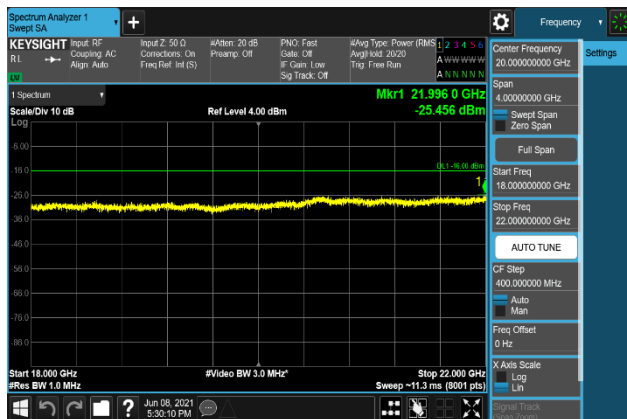


Plot 7-489. Conducted Spurious Emission Plot
1.992 GHz to 6 GHz
(B2_20M+5M_QPSK - Low Channel, Port 0)

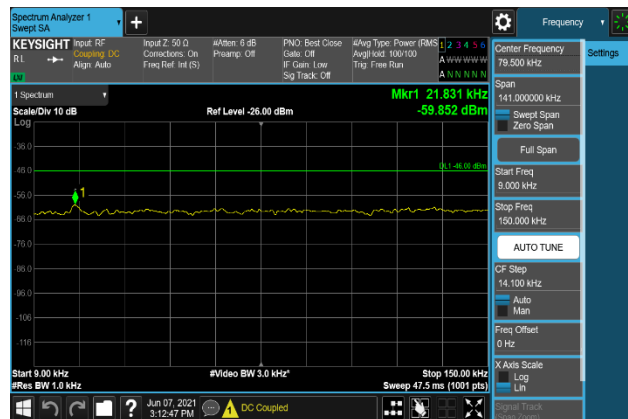


Plot 7-490. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B2_20M+5M_QPSK - Low Channel, Port 0)

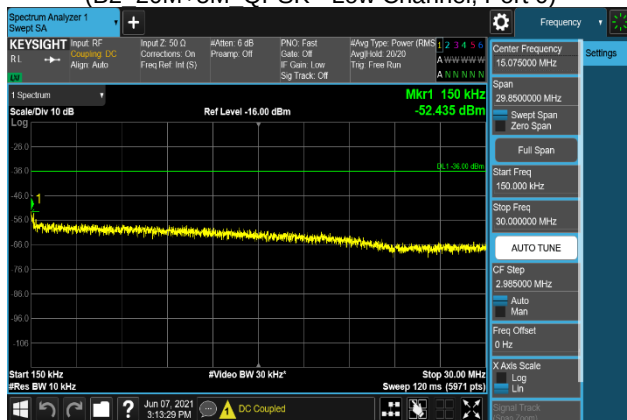
FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: BK21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)		Page 163 of 195



Plot 7-491. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B2_20M+5M_QPSK - Low Channel, Port 0)



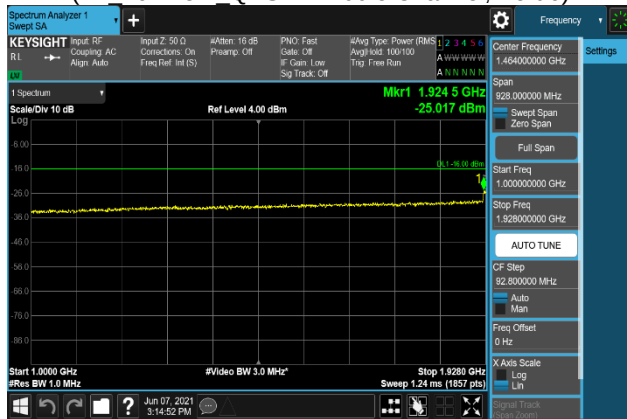
Plot 7-492. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B2_20M+5M_QPSK - Middle Channel, Port 0)



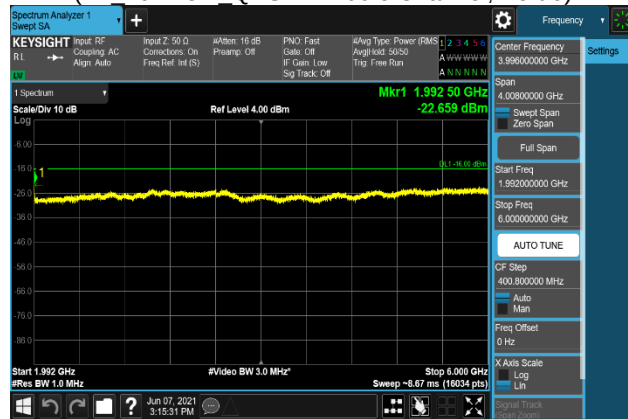
Plot 7-493. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B2_20M+5M_QPSK - Middle Channel, Port 0)



Plot 7-494. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B2_20M+5M_QPSK - Middle Channel, Port 0)



Plot 7-495. Conducted Spurious Emission Plot
1 GHz to 1.928 GHz
(B2_20M+5M_QPSK - Middle Channel, Port 0)

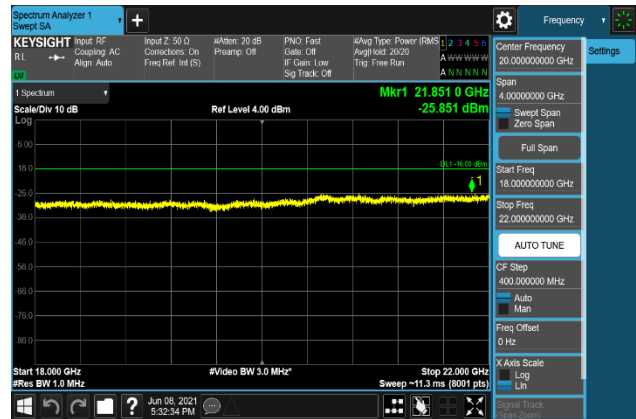


Plot 7-496. Conducted Spurious Emission Plot
1.992 GHz to 6 GHz
(B2_20M+5M_QPSK - Middle Channel, Port 0)

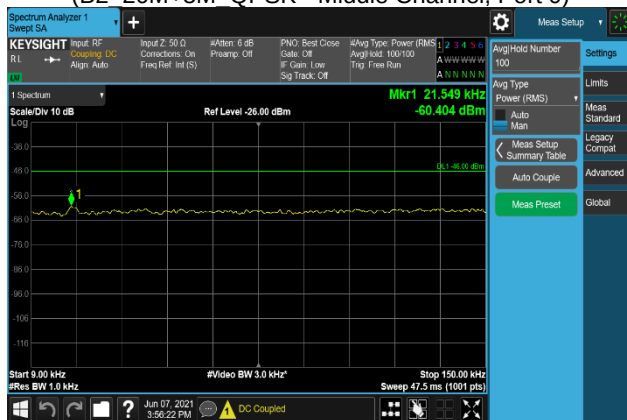
FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)		Page 164 of 195



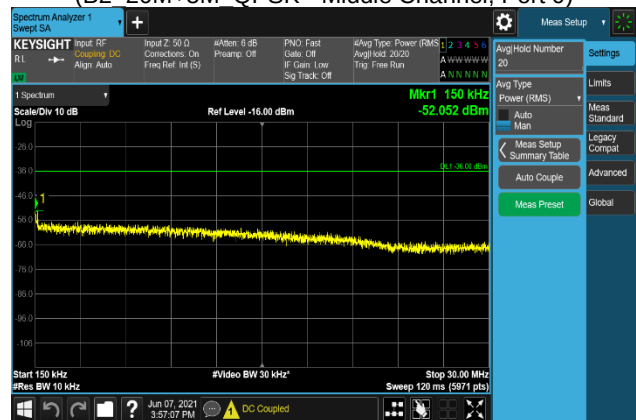
Plot 7-497. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B2 20M+5M_QPSK - Middle Channel, Port 0)



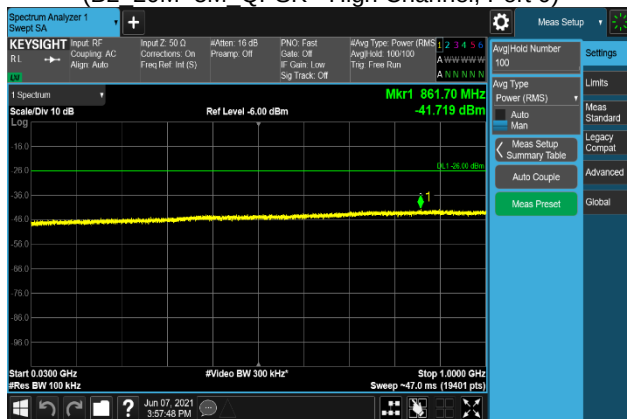
Plot 7-498. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B2 20M+5M_QPSK - Middle Channel, Port 0)



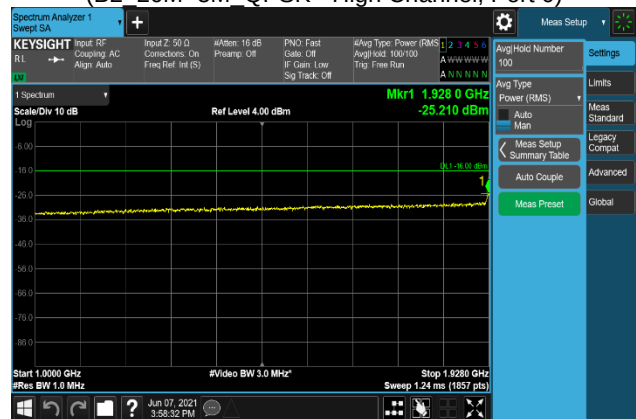
Plot 7-499. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B2 20M+5M_QPSK - High Channel, Port 0)



Plot 7-500. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B2 20M+5M_QPSK - High Channel, Port 0)

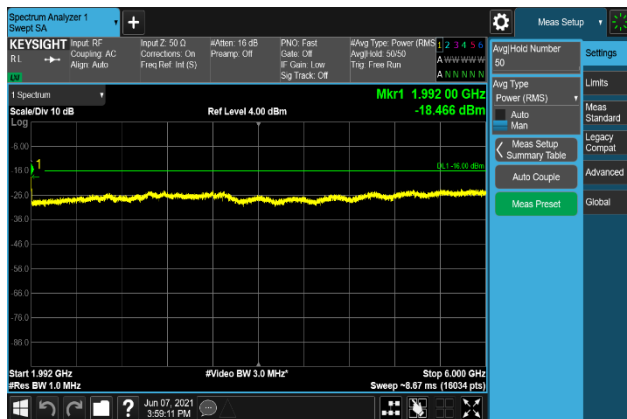


Plot 7-501. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B2_20M+5M_QPSK - High Channel, Port 0)



Plot 7-502. Conducted Spurious Emission Plot
1 GHz to 1.928 GHz
(B2_20M+5M_QPSK - High Channel, Port 0)

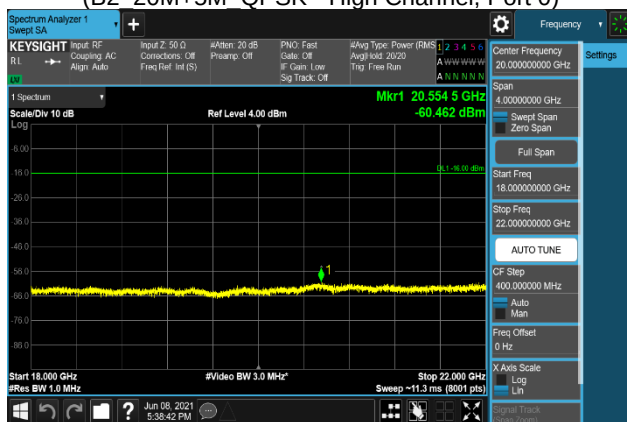
FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: BK21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)		Page 165 of 195



Plot 7-503. Conducted Spurious Emission Plot
1.992 GHz to 6 GHz
(B2_20M+5M_QPSK - High Channel, Port 0)



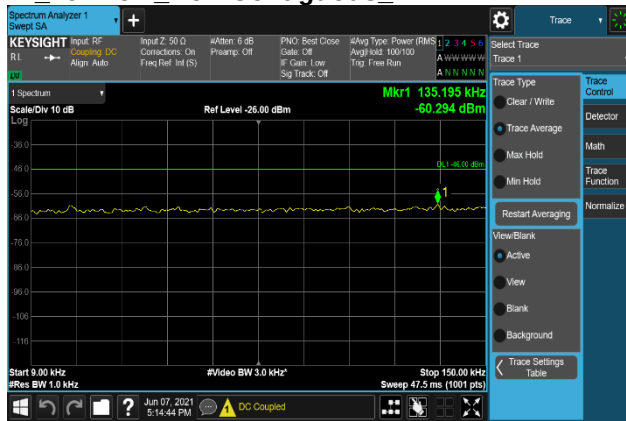
Plot 7-504. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B2_20M+5M_QPSK - High Channel, Port 0)



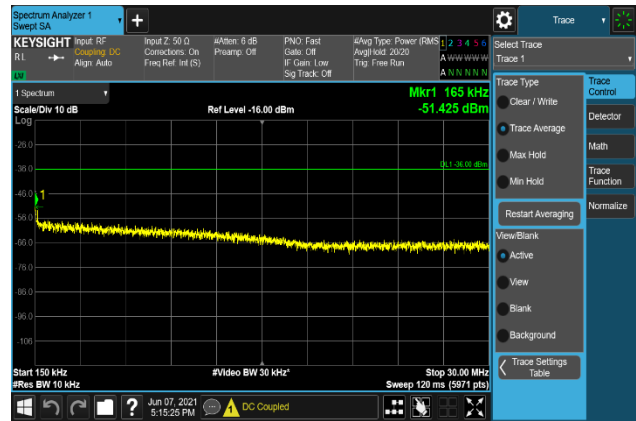
Plot 7-505. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B2_20M+5M_QPSK - High Channel, Port 0)

FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
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- B2_20M+5M_Non-Contiguous_2T



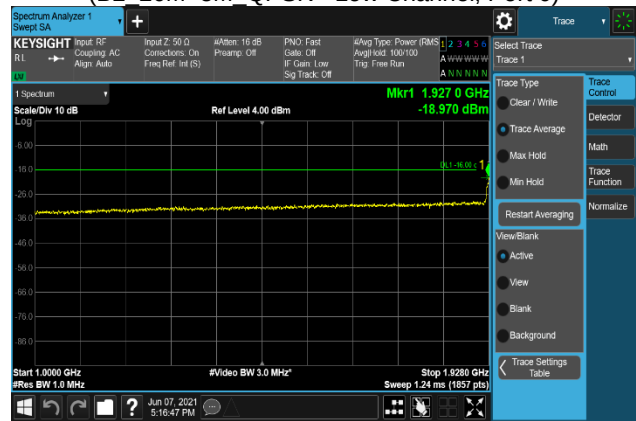
Plot 7-506. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B2_20M+5M_QPSK - Low Channel, Port 0)



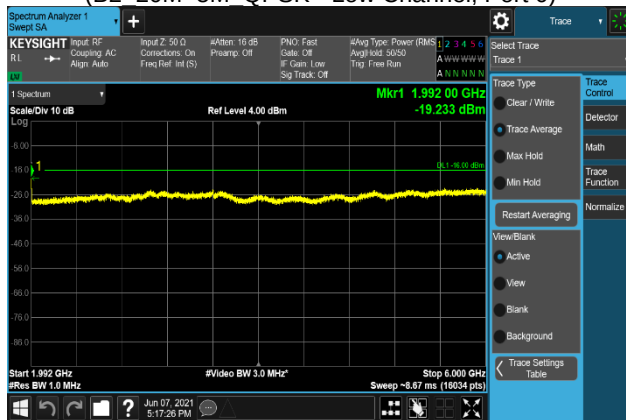
Plot 7-507. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B2_20M+5M_QPSK - Low Channel, Port 0)



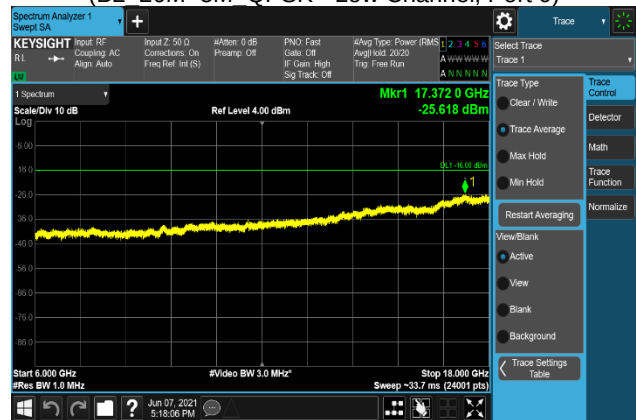
Plot 7-508. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B2_20M+5M_QPSK - Low Channel, Port 0)



Plot 7-509. Conducted Spurious Emission Plot
1 GHz to 1.928 GHz
(B2_20M+5M_QPSK - Low Channel, Port 0)

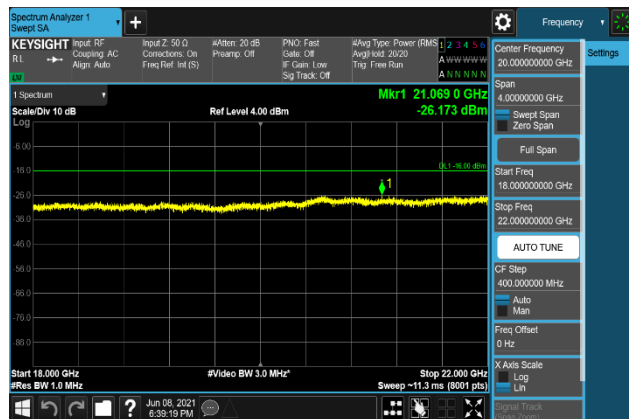


Plot 7-510. Conducted Spurious Emission Plot
1.992 GHz to 6 GHz
(B2_20M+5M_QPSK - Low Channel, Port 0)



Plot 7-511. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B2_20M+5M_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 167 of 195



Plot 7-512. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B2_20M+5M_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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- B2 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	-59.541	-58.595	-58.737	-59.035	-49.0	-9.575
		150 kHz to 30 MHz	-52.311	-51.962	-52.266	-51.755	-39.0	-12.735
		30 MHz to 1 GHz	-41.686	-41.655	-41.795	-41.587	-29.0	-12.567
		1 GHz to 1.928 GHz	-22.423	-22.973	-23.845	-23.291	-19.0	-3.403
		1.992 GHz to 6 GHz	-23.328	-23.518	-23.100	-23.156	-19.0	-4.080
		6 GHz to 18 GHz	-26.075	-25.135	-25.627	-25.671	-19.0	-6.115
		18 GHz to 22 GHz	-26.001	-25.959	-25.884	-25.927	-19.0	-6.864
	1	9 kHz to 150 kHz	-59.397	-59.046	-59.726	-59.769	-49.0	-10.026
		150 kHz to 30 MHz	-52.541	-51.969	-52.598	-51.873	-39.0	-12.853
		30 MHz to 1 GHz	-41.325	-41.322	-41.237	-41.220	-29.0	-12.200
		1 GHz to 1.928 GHz	-22.801	-23.591	-24.125	-23.890	-19.0	-3.781
		1.992 GHz to 6 GHz	-22.782	-22.758	-22.842	-22.650	-29.0	-3.630
		6 GHz to 18 GHz	-24.484	-24.321	-24.441	-24.310	-29.0	-5.290
		18 GHz to 22 GHz	-25.992	-25.832	-25.701	-26.061	-28.0	-6.681
	2	9 kHz to 150 kHz	-58.867	-59.265	-59.040	-59.342	-49.0	-9.847
		150 kHz to 30 MHz	-51.650	-52.261	-52.089	-52.620	-39.0	-12.630
		30 MHz to 1 GHz	-41.811	-41.665	-41.335	-41.332	-29.0	-12.312
		1 GHz to 1.928 GHz	-22.394	-22.310	-22.466	-22.125	-29.0	-3.105
		1.992 GHz to 6 GHz	-23.073	-23.531	-23.363	-23.361	-29.0	-4.053
		6 GHz to 18 GHz	-25.998	-26.142	-26.165	-26.102	-29.0	-6.978
		18 GHz to 22 GHz	-25.974	-26.127	-25.808	-25.816	-29.0	-6.788
	3	9 kHz to 150 kHz	-59.182	-59.077	-59.398	-59.275	-49.0	-10.057
		150 kHz to 30 MHz	-52.780	-51.863	-52.441	-53.867	-39.0	-12.843
		30 MHz to 1 GHz	-42.307	-42.118	-42.264	-42.381	-29.0	-13.098
		1 GHz to 1.928 GHz	-23.366	-23.217	-22.776	-22.884	-29.0	-3.756
		1.992 GHz to 6 GHz	-24.383	-24.697	-24.693	-24.072	-29.0	-5.052
		6 GHz to 18 GHz	-27.725	-28.181	-28.047	-28.071	-29.0	-8.705
		18 GHz to 22 GHz	-25.912	-25.831	-25.519	-26.167	-29.0	-6.499
Middle	0	9 kHz to 150 kHz	-59.507	-59.238	-58.957	-58.613	-49.0	-9.593
		150 kHz to 30 MHz	-53.153	-51.809	-52.212	-52.687	-39.0	-12.789
		30 MHz to 1 GHz	-41.426	-41.825	-41.735	-41.778	-29.0	-12.406
		1 GHz to 1.928 GHz	-26.031	-26.121	-25.530	-25.901	-29.0	-6.510
		1.992 GHz to 6 GHz	-23.267	-22.999	-23.265	-23.260	-29.0	-3.979
		6 GHz to 18 GHz	-25.862	-25.579	-25.619	-25.510	-29.0	-6.490
		18 GHz to 22 GHz	-26.004	-25.882	-25.653	-25.839	-29.0	-6.633
	1	9 kHz to 150 kHz	-59.193	-59.887	-59.612	-59.517	-49.0	-10.173
		150 kHz to 30 MHz	-52.044	-52.632	-52.647	-52.853	-39.0	-13.024
		30 MHz to 1 GHz	-40.787	-40.964	-41.201	-41.317	-29.0	-11.767
		1 GHz to 1.928 GHz	-26.205	-25.855	-25.669	-25.546	-29.0	-6.526
		1.992 GHz to 6 GHz	-22.560	-22.915	-22.781	-22.680	-29.0	-3.540
		6 GHz to 18 GHz	-23.822	-24.216	-24.261	-24.063	-29.0	-4.802
		18 GHz to 22 GHz	-25.994	-25.167	-26.077	-26.156	-29.0	-6.147
	2	9 kHz to 150 kHz	-60.033	-58.618	-59.354	-60.202	-49.0	-9.598
		150 kHz to 30 MHz	-52.491	-52.866	-51.816	-52.988	-39.0	-12.796
		30 MHz to 1 GHz	-41.654	-41.710	-41.367	-41.676	-29.0	-12.347
		1 GHz to 1.928 GHz	-26.536	-26.657	-26.845	-26.570	-29.0	-7.516
		1.992 GHz to 6 GHz	-23.064	-23.404	-23.352	-23.660	-29.0	-4.044
		6 GHz to 18 GHz	-26.072	-26.100	-26.268	-26.252	-29.0	-7.052
		18 GHz to 22 GHz	-25.965	-25.898	-26.028	-25.964	-29.0	-6.878

FCC ID: A3LRFV01U-D1A		MEASUREMENT REPORT (C2PC)			Approved by: Technical Manager
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High	3	9 kHz to 150 kHz	-59.622	-58.927	-59.277	-59.417	-49.0	-9.907
		150 kHz to 30 MHz	-53.009	-51.696	-51.790	-50.547	-39.0	-11.527
		30 MHz to 1 GHz	-42.400	-42.430	-42.442	-42.404	-29.0	-13.380
		1 GHz to 1.928 GHz	-27.027	-26.863	-27.061	-27.089	-29.0	-7.843
		1.992 GHz to 6 GHz	-24.502	-24.523	-24.425	-24.536	-29.0	-5.405
		6 GHz to 18 GHz	-27.824	-27.701	-27.586	-27.833	-29.0	-8.566
		18 GHz to 22 GHz	-25.791	-25.862	-26.014	-25.761	-29.0	-6.741
	0	9 kHz to 150 kHz	-59.347	-59.104	-60.373	-60.924	-49.0	-10.084
		150 kHz to 30 MHz	-52.248	-52.088	-52.714	-52.656	-39.0	-13.068
		30 MHz to 1 GHz	-41.893	-41.745	-41.812	-41.858	-29.0	-12.725
		1 GHz to 1.928 GHz	-25.753	-26.324	-26.758	-26.161	-29.0	-6.733
		1.992 GHz to 6 GHz	-22.848	-22.402	-22.676	-22.214	-29.0	-3.194
		6 GHz to 18 GHz	-25.767	-24.810	-25.960	-25.897	-29.0	-5.790
		18 GHz to 22 GHz	-26.095	-26.157	-25.970	-26.215	-29.0	-6.950
	1	9 kHz to 150 kHz	-59.301	-59.365	-60.762	-60.319	-49.0	-10.281
		150 kHz to 30 MHz	-52.033	-52.505	-52.822	-53.728	-39.0	-13.013
		30 MHz to 1 GHz	-41.180	-41.275	-41.433	-41.165	-29.0	-12.145
		1 GHz to 1.928 GHz	-25.899	-26.214	-26.303	-25.987	-29.0	-6.879
		1.992 GHz to 6 GHz	-22.757	-22.350	-22.859	-22.807	-29.0	-3.330
		6 GHz to 18 GHz	-24.250	-24.168	-24.540	-24.436	-29.0	-5.148
		18 GHz to 22 GHz	-25.684	-25.928	-25.757	-25.821	-29.0	-6.664
	2	9 kHz to 150 kHz	-59.812	-58.844	-61.043	-60.568	-49.0	-9.824
		150 kHz to 30 MHz	-53.047	-51.794	-53.322	-53.207	-39.0	-12.774
		30 MHz to 1 GHz	-41.717	-41.754	-41.787	-41.605	-29.0	-12.585
		1 GHz to 1.928 GHz	-26.926	-26.385	-27.213	-26.512	-29.0	-7.365
		1.992 GHz to 6 GHz	-22.472	-23.504	-22.836	-22.927	-29.0	-3.452
		6 GHz to 18 GHz	-25.937	-26.336	-26.360	-26.437	-29.0	-6.917
		18 GHz to 22 GHz	-25.860	-26.124	-26.008	-26.205	-29.0	-6.840
	3	9 kHz to 150 kHz	-59.508	-59.633	-61.028	-61.034	-49.0	-10.488
		150 kHz to 30 MHz	-52.832	-51.652	-52.125	-52.529	-39.0	-12.632
		30 MHz to 1 GHz	-42.520	-42.654	-42.409	-42.344	-29.0	-13.324
		1 GHz to 1.928 GHz	-27.481	-27.380	-27.269	-27.945	-29.0	-8.249
		1.992 GHz to 6 GHz	-24.131	-23.709	-23.206	-24.001	-29.0	-4.186
		6 GHz to 18 GHz	-27.521	-28.086	-28.512	-28.286	-29.0	-8.501
		18 GHz to 22 GHz	-25.984	-25.757	-26.268	-25.574	-29.0	-6.554

Table 7-69. Conducted Spurious Emission Summary Data (B2_20M+5M_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 170 of 195

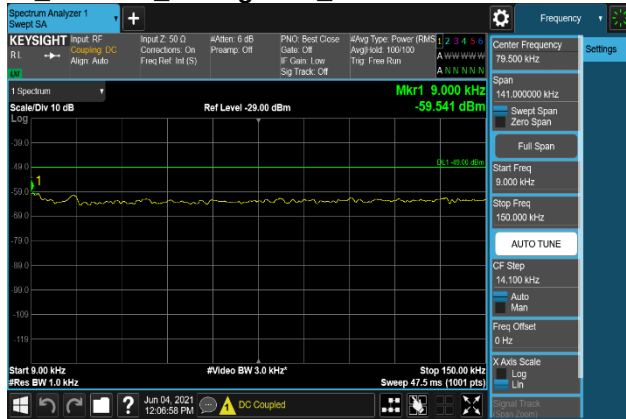
- B2_20M+5M_Non-Contiguous_4T

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	-60.609	-61.421	-60.724	-60.975	-46.0	-11.589
		150 kHz to 30 MHz	-53.200	-53.129	-52.865	-52.938	-36.0	-13.845
		30 MHz to 1 GHz	-41.914	-41.750	-41.763	-41.735	-26.0	-12.715
		1 GHz to 2.108 GHz	-23.647	-23.108	-23.307	-24.158	-16.0	-4.088
		2.182 GHz to 6 GHz	-21.738	-21.599	-22.413	-21.941	-16.0	-2.579
		6 GHz to 18 GHz	-25.704	-26.076	-25.897	-25.754	-16.0	-6.684
		18 GHz to 22 GHz	-26.081	-25.925	-25.999	-26.139	-16.0	-6.905
	1	9 kHz to 150 kHz	-60.704	-61.007	-60.679	-61.489	-46.0	-11.659
		150 kHz to 30 MHz	-52.662	-52.842	-52.404	-53.210	-36.0	-13.384
		30 MHz to 1 GHz	-41.351	-41.253	-41.449	-41.214	-26.0	-12.194
		1 GHz to 2.108 GHz	-24.148	-23.718	-23.235	-24.153	-16.0	-4.215
		2.182 GHz to 6 GHz	-22.919	-22.497	-22.390	-22.699	-16.0	-3.370
		6 GHz to 18 GHz	-24.541	-24.404	-24.560	-24.561	-16.0	-5.384
		18 GHz to 22 GHz	-25.792	-25.963	-25.867	-25.947	-16.0	-6.772

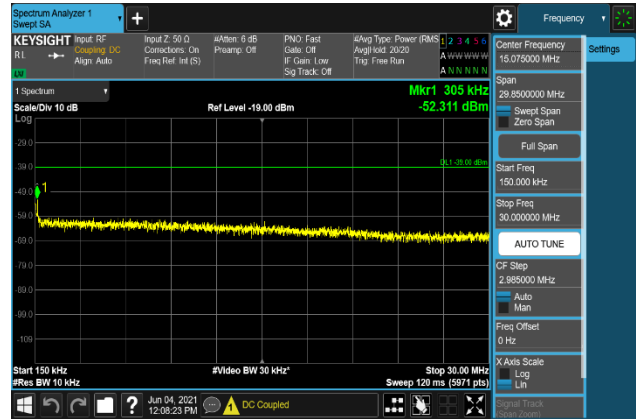
Table 7-70. Conducted Spurious Emission Summary Data (B2_20M+5M_Non-Contiguous)

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 171 of 195

- B2_20M+5M_Contiguous_4T



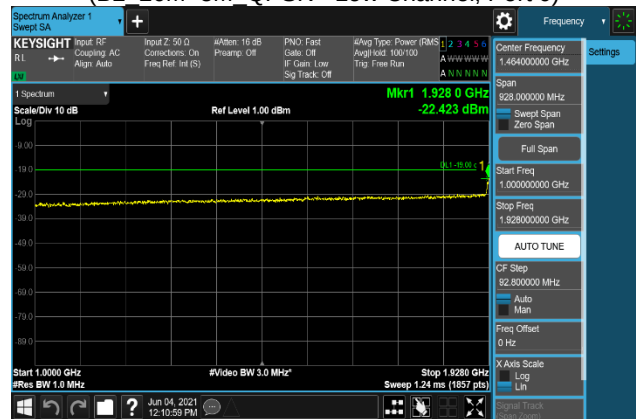
Plot 7-513. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B2_20M+5M_QPSK - Low Channel, Port 0)



Plot 7-514. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B2_20M+5M_QPSK - Low Channel, Port 0)



Plot 7-515. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B2_20M+5M_QPSK - Low Channel, Port 0)



Plot 7-516. Conducted Spurious Emission Plot
1 GHz to 1.928 GHz
(B2_20M+5M_QPSK - Low Channel, Port 0)

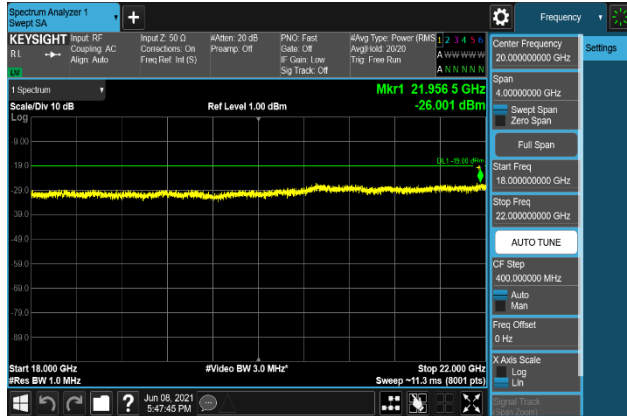


Plot 7-517. Conducted Spurious Emission Plot
1.992 GHz to 6 GHz
(B2_20M+5M_QPSK - Low Channel, Port 0)

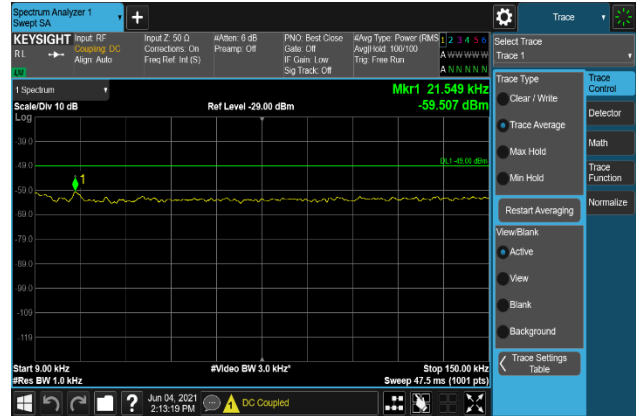


Plot 7-518. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B2_20M+5M_QPSK - Low Channel, Port 0)

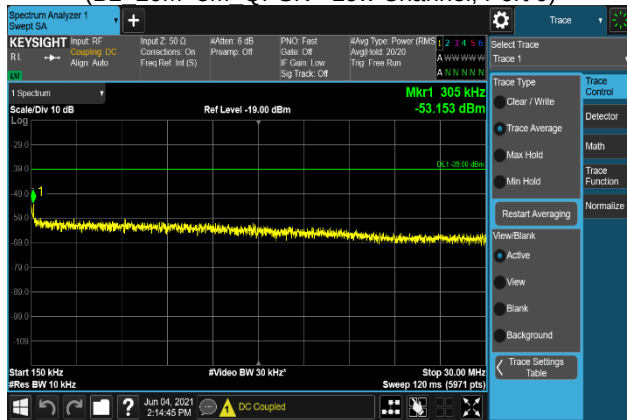
FCC ID: A3LRFV01U-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (C2PC)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: BK21053102R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RFV01U)		Page 172 of 195



Plot 7-519. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B2 20M+5M_QPSK - Low Channel, Port 0)



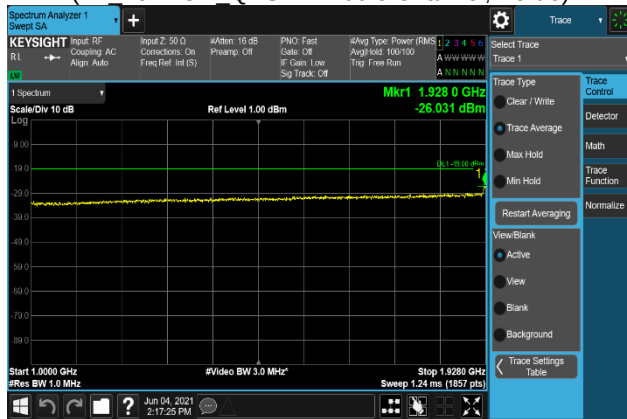
Plot 7-520. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B2 20M+5M_QPSK - Middle Channel, Port 0)



Plot 7-521. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B2 20M+5M_QPSK - Middle Channel, Port 0)



Plot 7-522. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B2 20M+5M_QPSK - Middle Channel, Port 0)



Plot 7-523. Conducted Spurious Emission Plot
1 GHz to 1.928 GHz
(B2_20M+5M_QPSK - Middle Channel, Port 0)



Plot 7-524. Conducted Spurious Emission Plot
1.992 GHz to 6 GHz
(B2_20M+5M_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 173 of 195