



Plot 7-2241. Conducted Spurious Emission Plot 18 GHz to 22 GHz



Plot 7-2243. Conducted Spurious Emission Plot 18 GHz to 22 GHz (B2\_20M+5M\_64QAM - Low Channel, Port 3)



Plot 7-2242. Conducted Spurious Emission Plot 18 GHz to 22 GHz



Plot 7-2244. Conducted Spurious Emission Plot 18 GHz to 22 GHz (B2\_20M+5M\_256QAM - Low Channel, Port 3)

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## - B2\_5M + B66\_15M+10M+10M\_Carrier Aggregation

Channel	Port	t	Measurement Range	Level(dBm)	Limit (dBm)	Margin (dB)
			9 kHz to 150 kHz	-56.221	-49.0	-7.201
			150 kHz to 30 MHz	-51.945	-39.0	-12.925
			30 MHz to 1 GHz	-50.088	-29.0	-21.068
	0		1 GHz to 1.928 GHz	-28.458	-19.0	-9.438
	0		1.992 MHz to 2.108 GHz	-31.846	-19.0	-12.826
			2.182 GHz to 6 GHz	-24.396	-19.0	-5.376
			6 GHz to 18 GHz	-29.740	-19.0	-10.720
			18 GHz to 22 GHz	-31.239	-19.0	-12.219
			9 kHz to 150 kHz	-56.439	-49.0	-7.419
			150 kHz to 30 MHz	-51.927	-39.0	-12.907
			30 MHz to 1 GHz	-48.302	-29.0	-19.282
	1		1 GHz to 1.928 GHz	-27.934	-19.0	-8.914
			1.992 MHz to 2.108 GHz	-32.141	-19.0	-13.121
			2.182 GHz to 6 GHz	-23.670	-19.0	-4.650
			6 GHz to 18 GHz	-27.929	-19.0	-8.909
1			18 GHz to 22 GHz	-31.944	-19.0	-12.924
LOW			9 kHz to 150 kHz	-54.837	-49.0	-5.817
			150 kHz to 30 MHz	-51.080	-39.0	-12.060
			30 MHz to 1 GHz	-49.643	-29.0	-20.623
			1 GHz to 1.928 GHz	-27.670	-19.0	-8.650
	2		1.992 MHz to 2.108 GHz	-31.536	-19.0	-12.516
			2.182 GHz to 6 GHz	-25.819	-19.0	-6.799
			6 GHz to 18 GHz	-31.902	-19.0	-12.882
		18 GHz to 22 GHz	-32.105	-19.0	-13.085	
			9 kHz to 150 kHz	-56.553	-49.0	-7.533
		ľ	150 kHz to 30 MHz	-51.503	-39.0	-12.483
			30 MHz to 1 GHz	-49.987	-29.0	-20.967
			1 GHz to 1.928 GHz	-28.130	-19.0	-9.110
	3		1.992 MHz to 2.108 GHz	-31.261	-19.0	-12.241
			2.182 GHz to 6 GHz	-24.736	-19.0	-5.716
			6 GHz to 18 GHz	-30.960	-19.0	-11.940
			18 GHz to 22 GHz	-32.161	-19.0	-13.141
			9 kHz to 150 kHz	-56.539	-49.0	-7.519
			150 kHz to 30 MHz	-51.590	-39.0	-12.570
			30 MHz to 1 GHz	-50.126	-29.0	-21.106
			1 GHz to 1.928 GHz	-34.143	-19.0	-15.123
	0		1.992 MHz to 2.108 GHz	-32.571	-19.0	-13.551
			2.182 GHz to 6 GHz	-24,735	-19.0	-5.715
			6 GHz to 18 GHz	-29.439	-19.0	-10.419
			18 GHz to 22 GHz	-32.461	-19.0	-13.441
			9 kHz to 150 kHz	-55.522	-49.0	-6.502
Middle			150 kHz to 30 MHz	-51,768	-39.0	-12.748
			30 MHz to 1 GHz	-49.653	-29.0	-20.633
			1 GHz to 1.928 GHz	-33.829	-19.0	-14.809
	1		1 992 MHz to 2 108 GHz	-32 693	-19.0	-13 673
			2 182 GHz to 6 GHz	-23 797	-19.0	-4 777
			6 GHz to 18 GHz	-27 531	-19.0	-8 511
			18 GHz to 22 GHz	-32 441	-19.0	-13 421
			9 kHz to 150 kHz	-55 955	-49.0	-6.935
			150 kHz to 30 MHz	-51 449	-30.0	-12 420
			30 MHz to 1 GHz	-50 665	-29.0	-21 645
		1				2
FCC ID: A3LRF440	)2D-D1A		PCTEST MEASUREMENT KKINKENKE LANDATONY, IKC. (Class II Permissi	REPORT SAMSUN Ve Change)	P App Tec	<b>proved by:</b> chnical Manager
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	2	1 GHz to 1.928 GHz	-34.860	-19.0	-15.840
	2	1.992 MHz to 2.108 GHz	-32.195	-19.0	-13.175
		2.182 GHz to 6 GHz	-25.372	-19.0	-6.352
		6 GHz to 18 GHz	-31.788	-19.0	-12.768
		18 GHz to 22 GHz	-31.743	-19.0	-12.723
		9 kHz to 150 kHz	-55.735	-49.0	-6.715
		150 kHz to 30 MHz	-51.883	-39.0	-12.863
		30 MHz to 1 GHz	-50.596	-29.0	-21.576
	2	1 GHz to 1.928 GHz	-36.636	-19.0	-17.616
	3	1.992 MHz to 2.108 GHz	-32.451	-19.0	-13.431
		2.182 GHz to 6 GHz	-24.502	-19.0	-5.482
		6 GHz to 18 GHz	-31.070	-19.0	-12.050
		18 GHz to 22 GHz	-31.944	-19.0	-12.924
		9 kHz to 150 kHz	-55.745	-49.0	-6.725
		150 kHz to 30 MHz	-51.806	-39.0	-12.786
		30 MHz to 1 GHz	-50.773	-29.0	-21.753
	0	1 GHz to 1.928 GHz	-36.113	-19.0	-17.093
	0	1.992 MHz to 2.108 GHz	-29.578	-19.0	-10.558
		2.182 GHz to 6 GHz	-24.668	-19.0	-5.648
		6 GHz to 18 GHz	-29.285	-19.0	-10.265
		18 GHz to 22 GHz	-32.499	-19.0	-13.479
		9 kHz to 150 kHz	-56.559	-49.0	-7.539
	1	150 kHz to 30 MHz	-51.610	-39.0	-12.590
		30 MHz to 1 GHz	-50.224	-29.0	-21.204
		1 GHz to 1.928 GHz	-35.103	-19.0	-16.083
High		1.992 MHz to 2.108 GHz	-28.221	-19.0	-9.201
		2.182 GHz to 6 GHz	-23.757	-19.0	-4.737
		6 GHz to 18 GHz	-29.315	-19.0	-10.295
		18 GHz to 22 GHz	-32.347	-19.0	-13.327
		9 kHz to 150 kHz	-56.118	-49.0	-7.098
		150 kHz to 30 MHz	-51.865	-39.0	-12.845
		30 MHz to 1 GHz	-50.342	-29.0	-21.322
	2	1 GHz to 1.928 GHz	-36.123	-19.0	-17.103
	-	1.992 MHz to 2.108 GHz	-29.001	-19.0	-9.981
		2.182 GHz to 6 GHz	-25.900	-19.0	-6.880
		6 GHz to 18 GHz	-31.606	-19.0	-12.586
		18 GHz to 22 GHz	-32.580	-19.0	-13.560
		9 kHz to 150 kHz	-55.722	-49.0	-6.702
		150 kHz to 30 MHz	-51.516	-39.0	-12.496
		30 MHz to 1 GHz	-50.189	-29.0	-21.169
	3	1 GHz to 1.928 GHz	-35.916	-19.0	-16.896
	-	1.992 MHz to 2.108 GHz	-28.168	-19.0	-9.148
		2.182 GHz to 6 GHz	-24.518	-19.0	-5.498
		6 GHz to 18 GHz	-30.668	-19.0	-11.648
		18 GHz to 22 GHz	-32.235	-19.0	-13.215

Table 7-41. Conducted Spurious Emission Summary Data (B2\_5M + B66\_15M+10M+10M\_Carrier Aggregation)

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## - B2\_5M + B66\_15M+10M+10M\_Carrier Aggregation



Plot 7-2245. Conducted Spurious Emission Plot 9 kHz to 150 kHz (B2\_5M + B66\_15M+10M+10M\_QPSK - Low Channel, Port 0)



Plot 7-2247. Conducted Spurious Emission Plot 30 MHz to 1 GHz

(B2\_5M + B66\_15M+10M+10M\_QPSK - Low Channel, Port 0)



Plot 7-2249. Conducted Spurious Emission Plot 1.992 GHz to 2.108 GHz (B2\_5M + B66\_15M+10M+10M\_QPSK - Low Channel, Port 0)



Plot 7-2246. Conducted Spurious Emission Plot 150 kHz to 30 MHz



(B2\_5M + B66\_15M+10M+10M\_QPSK - Low Channel, Port 0)

Plot 7-2248. Conducted Spurious Emission Plot 1 GHz to 1.928 GHz



Plot 7-2250. Conducted Spurious Emission Plot 2.182 GHz to 6 GHz (B2\_5M + B66\_15M+10M+10M\_QPSK - Low Channel, Port 0)

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Plot 7-2251. Conducted Spurious Emission Plot 6 GHz to 18 GHz

(B2\_5M + B66\_15M+10M+10M\_QPSK - Low Channel, Port 0)



Plot 7-2253. Conducted Spurious Emission Plot 9 kHz to 150 kHz



Plot 7-2255. Conducted Spurious Emission Plot 30 MHz to 1 GHz (B2\_5M + B66\_15M+10M+10M\_QPSK - Low Channel, Port 1)



Plot 7-2252. Conducted Spurious Emission Plot 18 GHz to 22 GHz





Plot 7-2254. Conducted Spurious Emission Plot 150 kHz to 30 MHz



Plot 7-2256. Conducted Spurious Emission Plot 1 GHz to 1.928 GHz (B2\_5M + B66\_15M+10M+10M\_QPSK - Low Channel, Port 1)

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Plot 7-2257. Conducted Spurious Emission Plot 1.992 GHz to 2.108 GHz

(B2\_5M + B66\_15M+10M+10M\_QPSK - Low Channel, Port 1)



Plot 7-2259. Conducted Spurious Emission Plot 6 GHz to 18 GHz



Plot 7-2261. Conducted Spurious Emission Plot 9 kHz to 150 kHz (B2\_5M + B66\_15M+10M+10M\_QPSK - Low Channel, Port 2)









Plot 7-2260. Conducted Spurious Emission Plot 18 GHz to 22 GHz





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Plot 7-2263. Conducted Spurious Emission Plot 30 MHz to 1 GHz

(B2\_5M + B66\_15M+10M+10M\_QPSK - Low Channel, Port 2)



Plot 7-2265. Conducted Spurious Emission Plot 1.992 GHz to 2.108 GHz











Plot 7-2266. Conducted Spurious Emission Plot 2.182 GHz to 6 GHz

Stop 6.000 GH Sweep ~7.79 ms (15274 pts

Log Lin

#Video BW 3.0 MHz

art 2.182 GHz Res BW 1.0 MHz





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Plot 7-2269. Conducted Spurious Emission Plot 9 kHz to 150 kHz

(B2\_5M + B66\_15M+10M+10M\_QPSK - Low Channel, Port 3)



Plot 7-2271. Conducted Spurious Emission Plot 30 MHz to 1 GHz



Plot 7-2273. Conducted Spurious Emission Plot 1.992 GHz to 2.108 GHz (B2\_5M + B66\_15M+10M+10M\_QPSK - Low Channel, Port 3)



Plot 7-2270. Conducted Spurious Emission Plot 150 kHz to 30 MHz





Plot 7-2272. Conducted Spurious Emission Plot 1 GHz to 1.928 GHz





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Plot 7-2275. Conducted Spurious Emission Plot 6 GHz to 18 GHz

(B2\_5M + B66\_15M+10M+10M\_QPSK - Low Channel, Port 3)



Plot 7-2277. Conducted Spurious Emission Plot 9 kHz to 150 kHz



Plot 7-2279. Conducted Spurious Emission Plot 30 MHz to 1 GHz (B2\_5M + B66\_15M+10M+10M\_QPSK - Middle Channel, Port 0)









Plot 7-2278. Conducted Spurious Emission Plot 150 kHz to 30 MHz





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Plot 7-2281. Conducted Spurious Emission Plot 1.992 GHz to 2.108 GHz

(B2\_5M + B66\_15M+10M+10M\_QPSK - Middle Channel, Port 0)



Plot 7-2283. Conducted Spurious Emission Plot 6 GHz to 18 GHz



Plot 7-2285. Conducted Spurious Emission Plot 9 kHz to 150 kHz (B2\_5M + B66\_15M+10M+10M\_QPSK - Middle Channel, Port 1)



Plot 7-2282. Conducted Spurious Emission Plot 2.182 GHz to 6 GHz



Plot 7-2284. Conducted Spurious Emission Plot 18 GHz to 22 GHz





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Plot 7-2287. Conducted Spurious Emission Plot 30 MHz to 1 GHz

(B2\_5M + B66\_15M+10M+10M\_QPSK - Middle Channel, Port 1)

![](_page_10_Figure_4.jpeg)

Plot 7-2289. Conducted Spurious Emission Plot 1.992 GHz to 2.108 GHz

![](_page_10_Figure_6.jpeg)

Plot 7-2291. Conducted Spurious Emission Plot 6 GHz to 18 GHz (B2\_5M + B66\_15M+10M+10M\_QPSK - Middle Channel, Port 1)

![](_page_10_Figure_8.jpeg)

![](_page_10_Figure_9.jpeg)

![](_page_10_Figure_10.jpeg)

Plot 7-2290. Conducted Spurious Emission Plot 2.182 GHz to 6 GHz

![](_page_10_Figure_12.jpeg)

![](_page_10_Figure_13.jpeg)

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![](_page_11_Picture_0.jpeg)

![](_page_11_Figure_1.jpeg)

Plot 7-2293. Conducted Spurious Emission Plot 9 kHz to 150 kHz

![](_page_11_Figure_3.jpeg)

![](_page_11_Figure_4.jpeg)

Plot 7-2295. Conducted Spurious Emission Plot 30 MHz to 1 GHz

![](_page_11_Figure_6.jpeg)

Plot 7-2297. Conducted Spurious Emission Plot 1.992 GHz to 2.108 GHz (B2\_5M + B66\_15M+10M+10M\_QPSK - Middle Channel, Port 2)

![](_page_11_Figure_8.jpeg)

Plot 7-2294. Conducted Spurious Emission Plot 150 kHz to 30 MHz

![](_page_11_Figure_10.jpeg)

Plot 7-2296. Conducted Spurious Emission Plot 1 GHz to 1.928 GHz

![](_page_11_Figure_12.jpeg)

Plot 7-2298. Conducted Spurious Emission Plot 2.182 GHz to 6 GHz (B2\_5M + B66\_15M+10M+10M\_QPSK - Middle Channel, Port 2)

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![](_page_12_Picture_0.jpeg)

![](_page_12_Figure_1.jpeg)

Plot 7-2299. Conducted Spurious Emission Plot 6 GHz to 18 GHz

(B2\_5M + B66\_15M+10M+10M\_QPSK - Middle Channel, Port 2)

![](_page_12_Figure_4.jpeg)

Plot 7-2301. Conducted Spurious Emission Plot 9 kHz to 150 kHz

![](_page_12_Figure_6.jpeg)

Plot 7-2303. Conducted Spurious Emission Plot 30 MHz to 1 GHz (B2\_5M + B66\_15M+10M+10M\_QPSK - Middle Channel, Port 3)

![](_page_12_Figure_8.jpeg)

![](_page_12_Figure_9.jpeg)

![](_page_12_Figure_10.jpeg)

![](_page_12_Figure_11.jpeg)

Plot 7-2302. Conducted Spurious Emission Plot 150 kHz to 30 MHz

![](_page_12_Figure_13.jpeg)

![](_page_12_Figure_14.jpeg)

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![](_page_13_Picture_0.jpeg)

![](_page_13_Figure_1.jpeg)

Plot 7-2305. Conducted Spurious Emission Plot 1.992 GHz to 2.108 GHz

(B2\_5M + B66\_15M+10M+10M\_QPSK - Middle Channel, Port 3)

![](_page_13_Figure_4.jpeg)

Plot 7-2307. Conducted Spurious Emission Plot 6 GHz to 18 GHz

![](_page_13_Figure_6.jpeg)

Plot 7-2309. Conducted Spurious Emission Plot 9 kHz to 150 kHz (B2\_5M + B66\_15M+10M+10M\_QPSK - High Channel, Port 0)

![](_page_13_Figure_8.jpeg)

![](_page_13_Figure_9.jpeg)

![](_page_13_Figure_10.jpeg)

Plot 7-2308. Conducted Spurious Emission Plot 18 GHz to 22 GHz

![](_page_13_Figure_12.jpeg)

![](_page_13_Figure_13.jpeg)

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