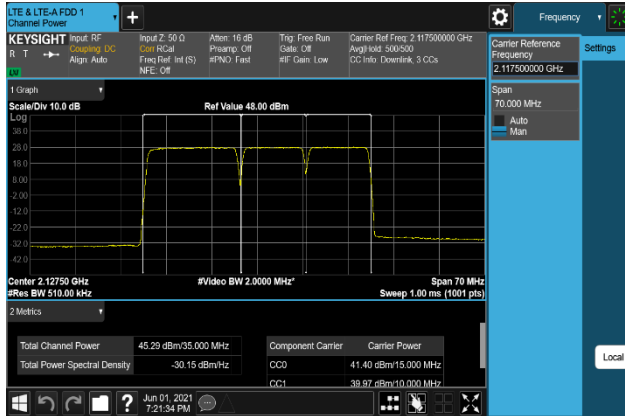
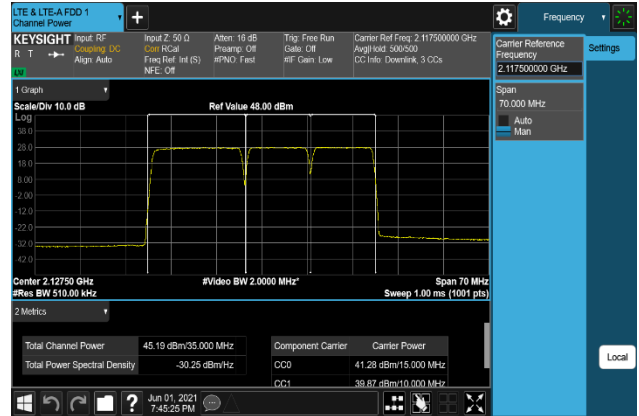
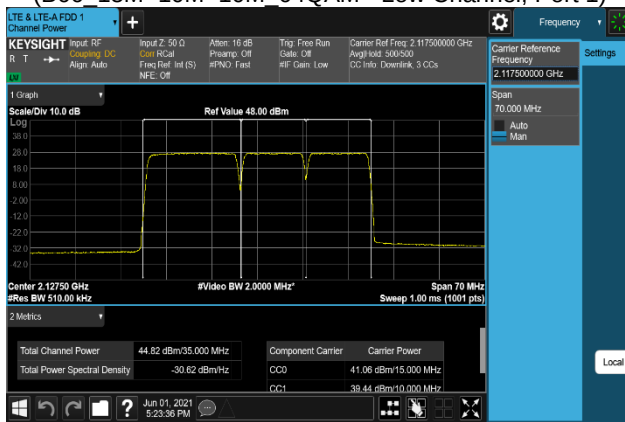




Plot 7-151. Conducted Average Output Power Plot
(B66_15M+10M+10M_64QAM - Low Channel, Port 1)



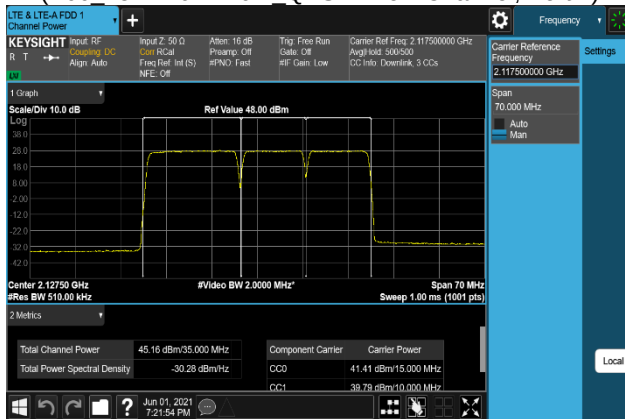
Plot 7-152. Conducted Average Output Power Plot
(B66_15M+10M+10M_256QAM - Low Channel, Port 1)



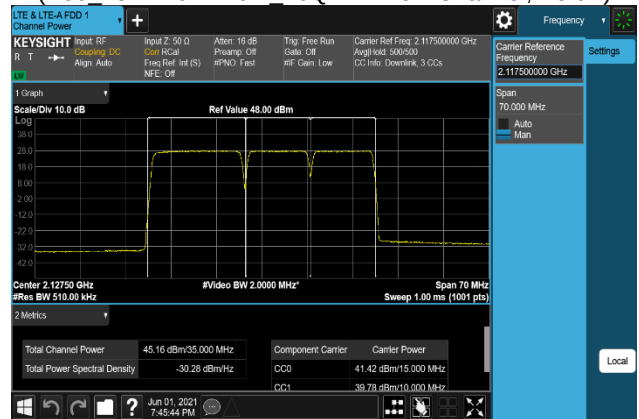
Plot 7-153. Conducted Average Output Power Plot
(B66_15M+10M+10M_QPSK - Low Channel, Port 2)



Plot 7-154. Conducted Average Output Power Plot
(B66_15M+10M+10M_16QAM - Low Channel, Port 2)

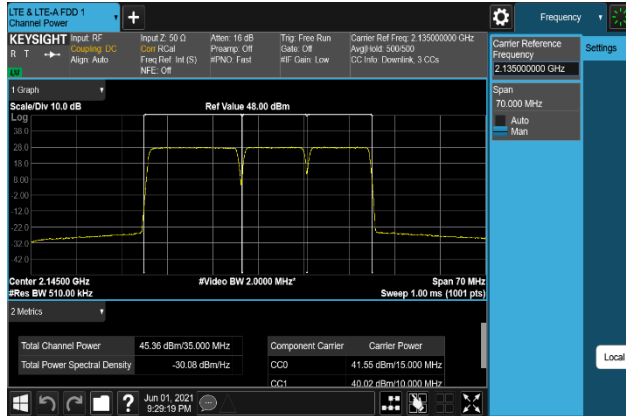


Plot 7-155. Conducted Average Output Power Plot
(B66_15M+10M+10M_64QAM - Low Channel, Port 2)

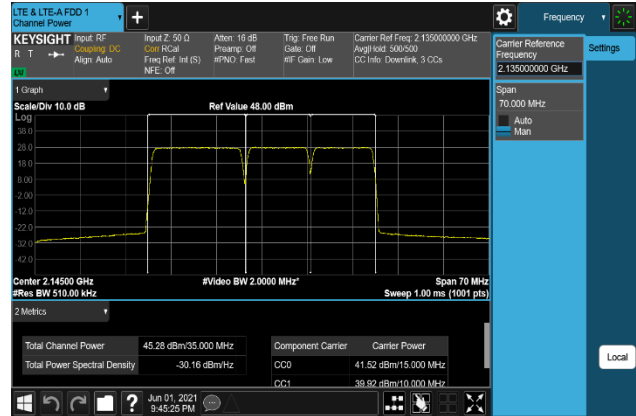


Plot 7-156. Conducted Average Output Power Plot
(B66_15M+10M+10M_256QAM - Low Channel, Port 2)

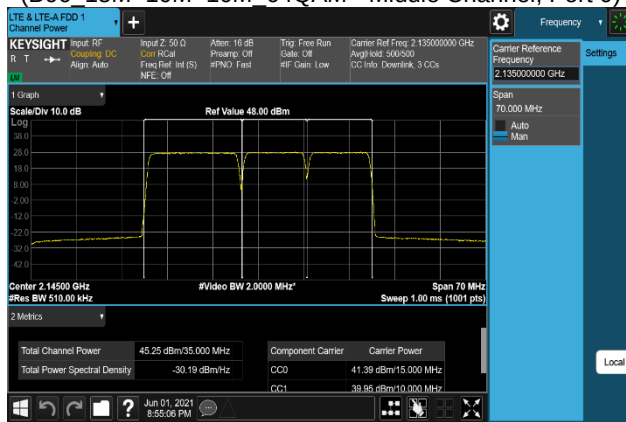
FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 45 of 515



Plot 7-163. Conducted Average Output Power Plot



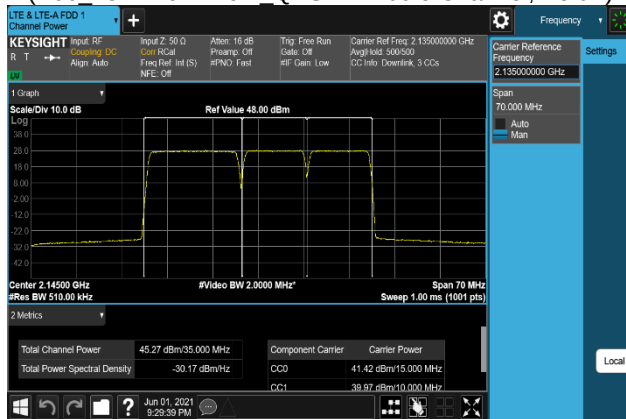
Plot 7-164. Conducted Average Output Power Plot



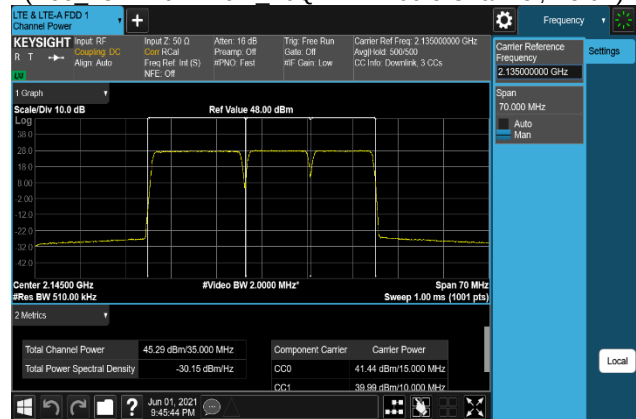
Plot 7-165. Conducted Average Output Power Plot



Plot 7-166. Conducted Average Output Power Plot



Plot 7-167. Conducted Average Output Power Plot

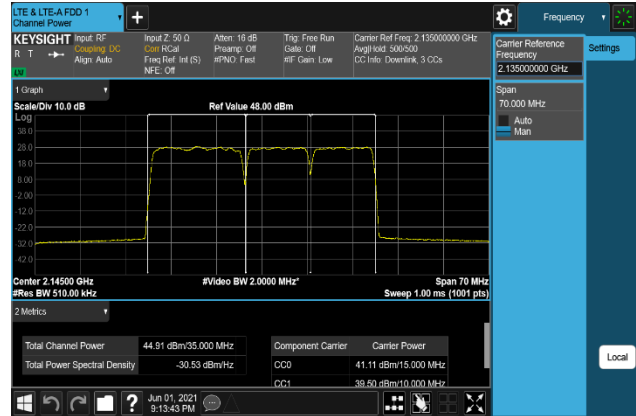


Plot 7-168. Conducted Average Output Power Plot

FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 47 of 515



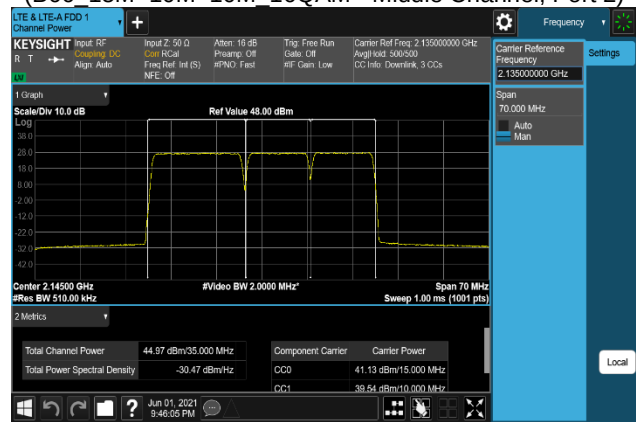
Plot 7-169. Conducted Average Output Power Plot
(B66_15M+10M+10M QPSK - Middle Channel, Port 2)



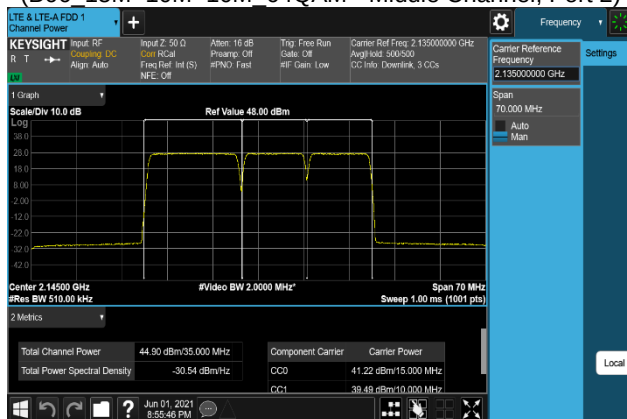
Plot 7-170. Conducted Average Output Power Plot
(B66_15M+10M+10M 16QAM - Middle Channel, Port 2)



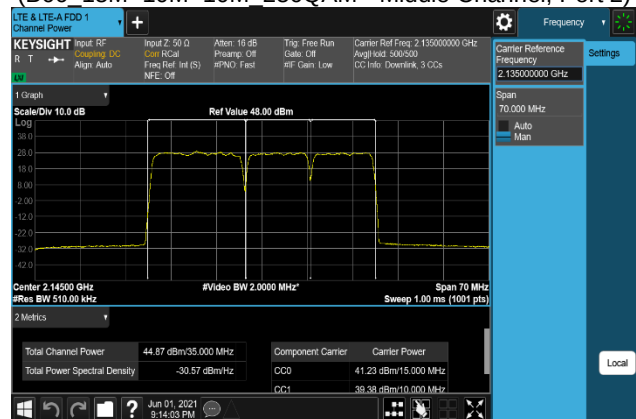
Plot 7-171. Conducted Average Output Power Plot
(B66_15M+10M+10M 64QAM - Middle Channel, Port 2)



Plot 7-172. Conducted Average Output Power Plot
(B66_15M+10M+10M 256QAM - Middle Channel, Port 2)



Plot 7-173. Conducted Average Output Power Plot
(B66_15M+10M+10M QPSK - Middle Channel, Port 3)

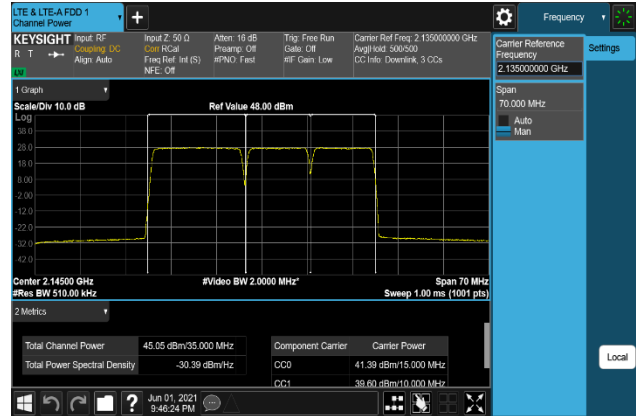


Plot 7-174. Conducted Average Output Power Plot
(B66_15M+10M+10M 16QAM - Middle Channel, Port 3)

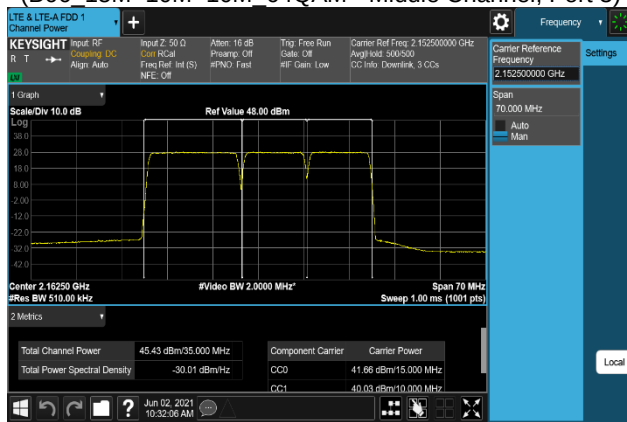
FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 48 of 515



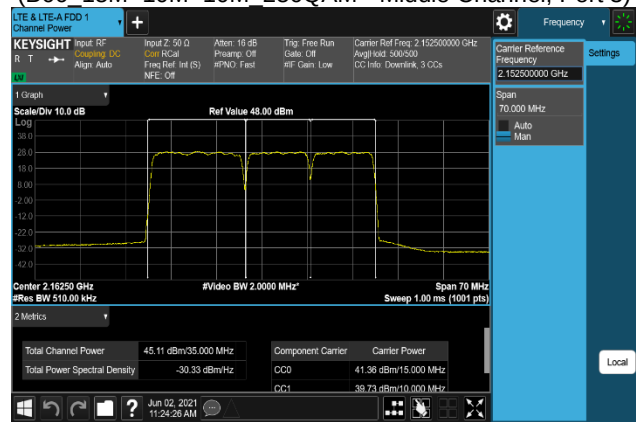
Plot 7-175. Conducted Average Output Power Plot
(B66_15M+10M+10M_64QAM - Middle Channel, Port 3)



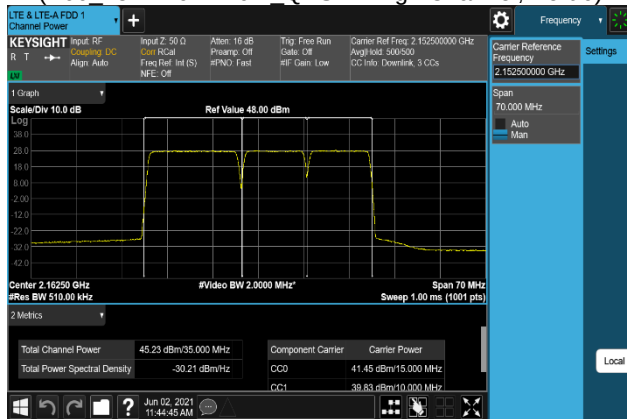
Plot 7-176. Conducted Average Output Power Plot
(B66_15M+10M+10M_256QAM - Middle Channel, Port 3)



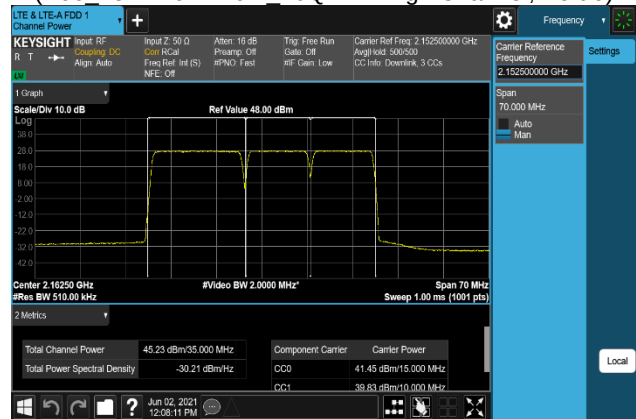
Plot 7-177. Conducted Average Output Power Plot
(B66_15M+10M+10M_QPSK - High Channel, Port 0)



Plot 7-178. Conducted Average Output Power Plot
(B66_15M+10M+10M_16QAM - High Channel, Port 0)



Plot 7-179. Conducted Average Output Power Plot
(B66_15M+10M+10M_64QAM - High Channel, Port 0)

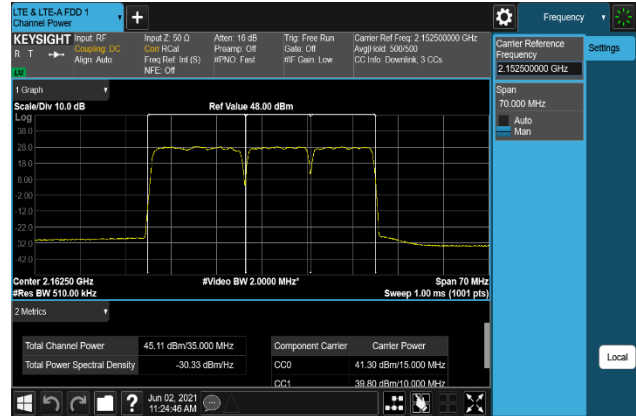


Plot 7-180. Conducted Average Output Power Plot
(B66_15M+10M+10M_256QAM - High Channel, Port 0)

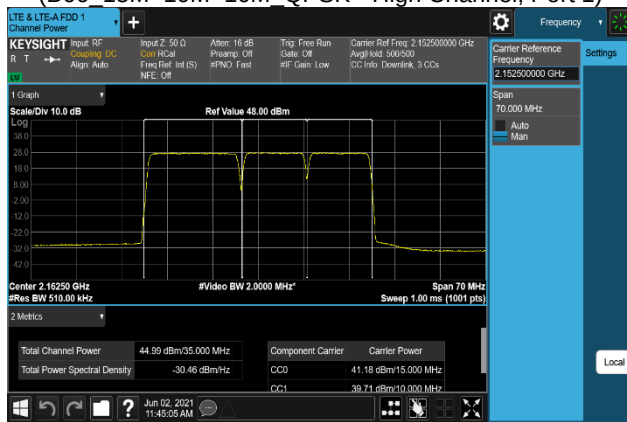
FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 49 of 515



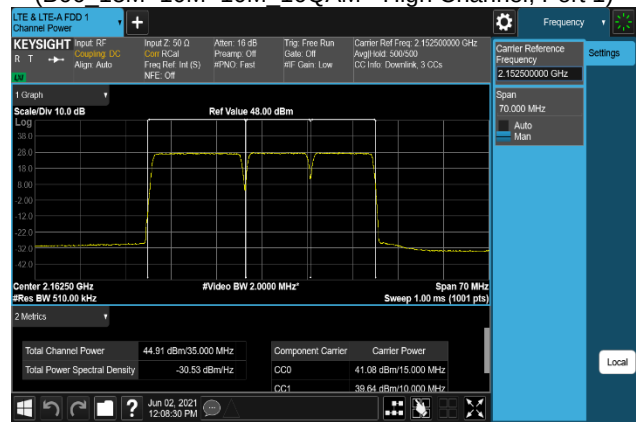
Plot 7-181. Conducted Average Output Power Plot
(B66_15M+10M+10M_QPSK - High Channel, Port 1)



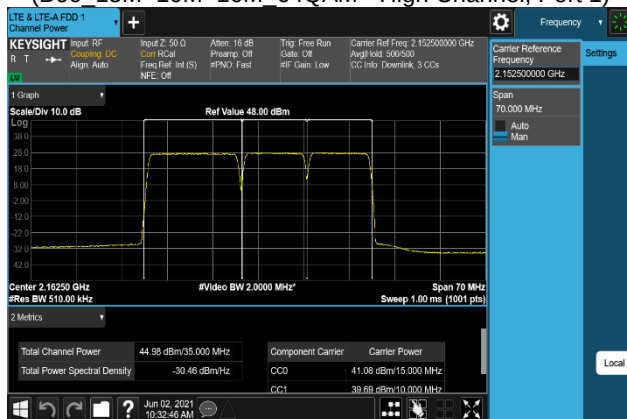
Plot 7-182. Conducted Average Output Power Plot
(B66_15M+10M+10M_16QAM - High Channel, Port 1)



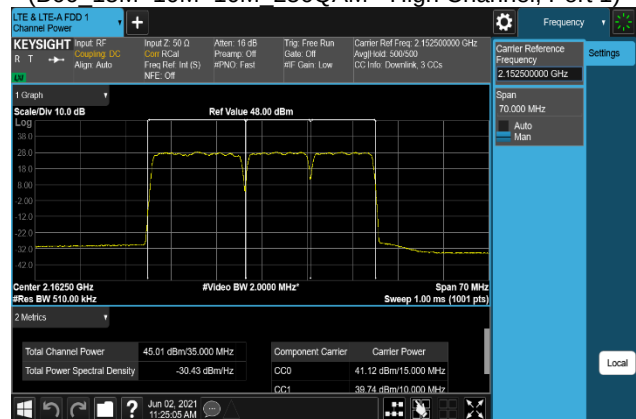
Plot 7-183. Conducted Average Output Power Plot
(B66_15M+10M+10M_64QAM - High Channel, Port 1)



Plot 7-184. Conducted Average Output Power Plot
(B66_15M+10M+10M_256QAM - High Channel, Port 1)

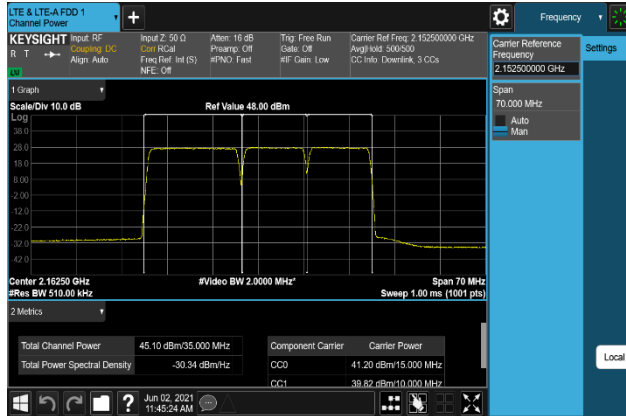


Plot 7-185. Conducted Average Output Power Plot
(B66_15M+10M+10M_QPSK - High Channel, Port 2)

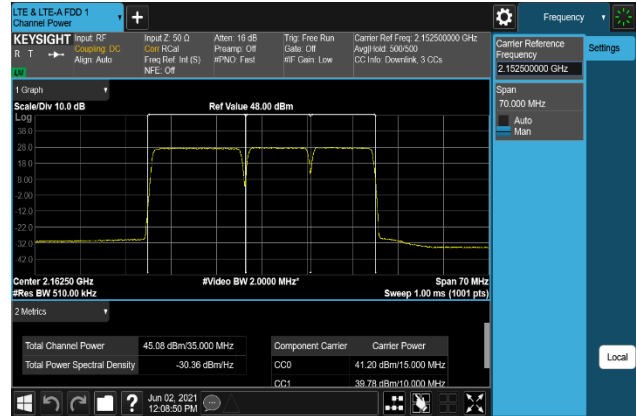


Plot 7-186. Conducted Average Output Power Plot
(B66_15M+10M+10M_16QAM - High Channel, Port 2)

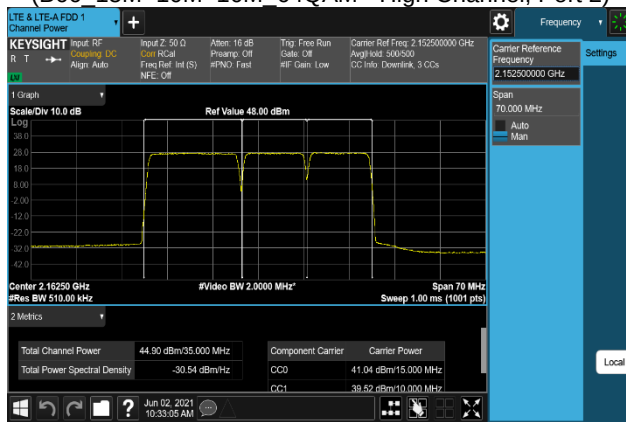
FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 50 of 515



Plot 7-187. Conducted Average Output Power Plot
(B66_15M+10M+10M_64QAM - High Channel, Port 2)



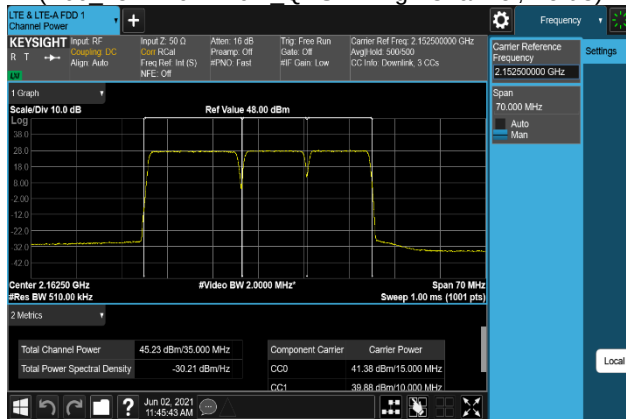
Plot 7-188. Conducted Average Output Power Plot
(B66_15M+10M+10M_256QAM - High Channel, Port 2)



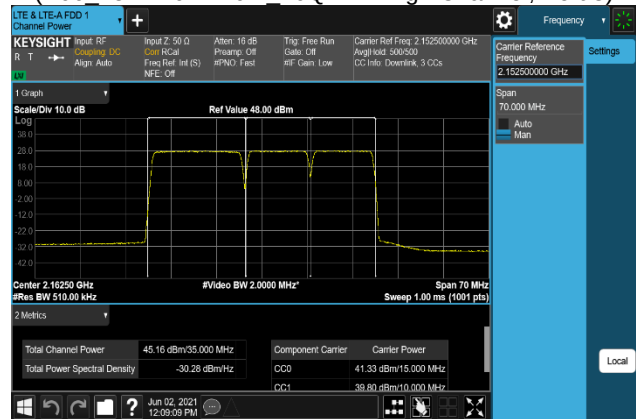
Plot 7-189. Conducted Average Output Power Plot
(B66_15M+10M+10M_QPSK - High Channel, Port 3)



Plot 7-190. Conducted Average Output Power Plot
(B66_15M+10M+10M_16QAM - High Channel, Port 3)



Plot 7-191. Conducted Average Output Power Plot
(B66_15M+10M+10M_64QAM - High Channel, Port 3)



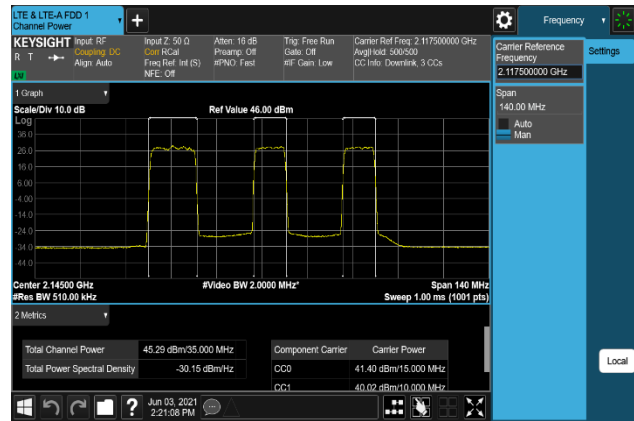
Plot 7-192. Conducted Average Output Power Plot
(B66_15M+10M+10M_256QAM - High Channel, Port 3)

FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: BK21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 51 of 515

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



Plot 7-193. Conducted Average Output Power Plot
(B66 15M+10M+10M QPSK, Port 0)



Plot 7-194. Conducted Average Output Power Plot
(B66 15M+10M+10M 16QAM, Port 0)



Plot 7-195. Conducted Average Output Power Plot
(B66 15M+10M+10M 64QAM, Port 0)



Plot 7-196. Conducted Average Output Power Plot
(B66 15M+10M+10M 256QAM, Port 0)

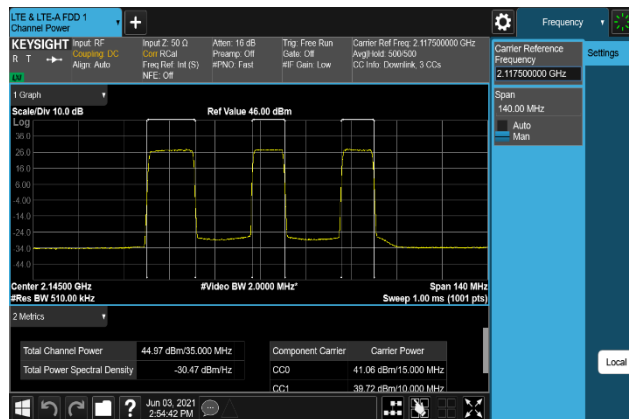


Plot 7-197. Conducted Average Output Power Plot
(B66_15M+10M+10M_QPSK, Port 1)

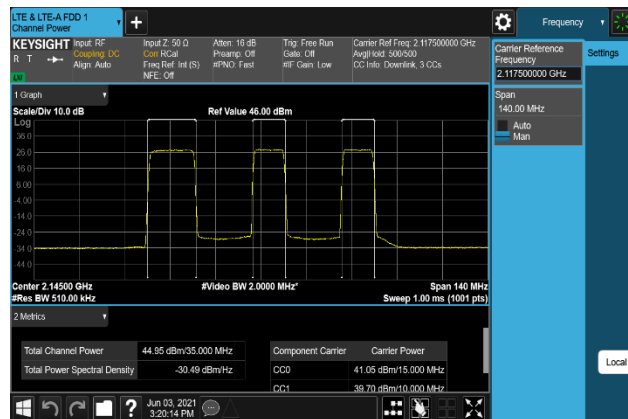


Plot 7-198. Conducted Average Output Power Plot
(B66_15M+10M+10M_16QAM, Port 1)

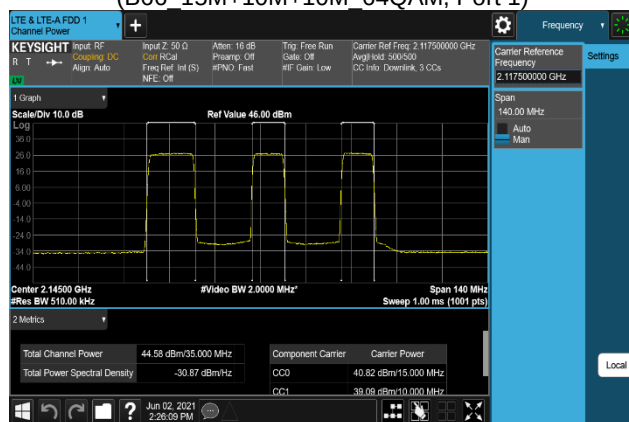
FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 52 of 515



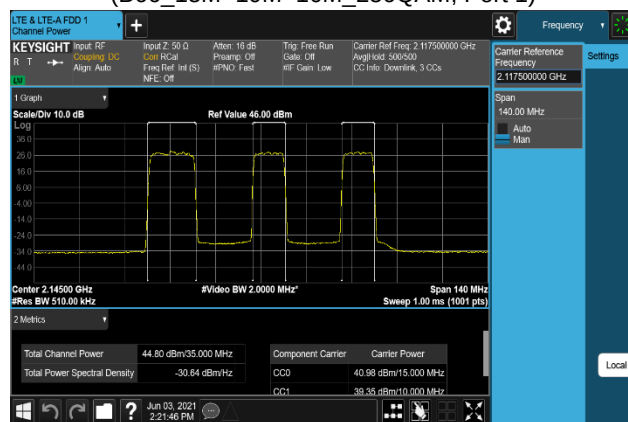
Plot 7-199. Conducted Average Output Power Plot (B66 15M+10M+10M 64QAM, Port 1)



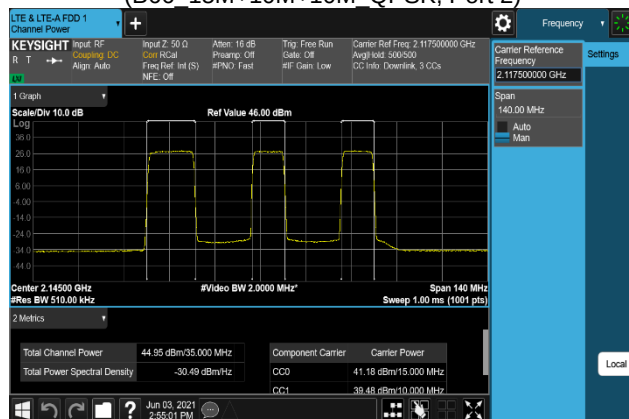
Plot 7-200. Conducted Average Output Power Plot (B66_15M+10M+10M_256QAM, Port 1)



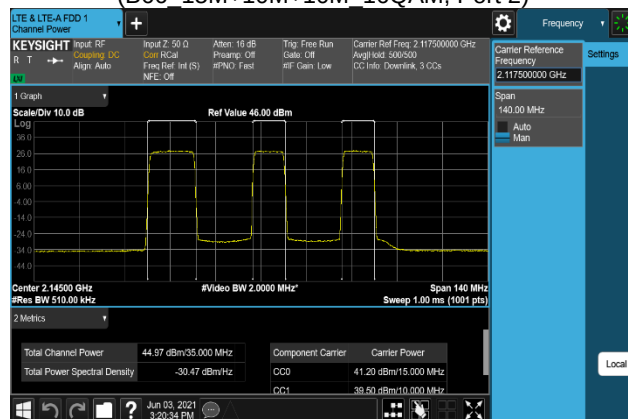
Plot 7-201. Conducted Average Output Power Plot (B66 15M+10M+10M QPSK, Port 2)



Plot 7-202. Conducted Average Output Power Plot (B66 15M+10M+10M 16QAM, Port 2)



Plot 7-203. Conducted Average Output Power Plot (B66_15M+10M+10M_64QAM, Port 2)

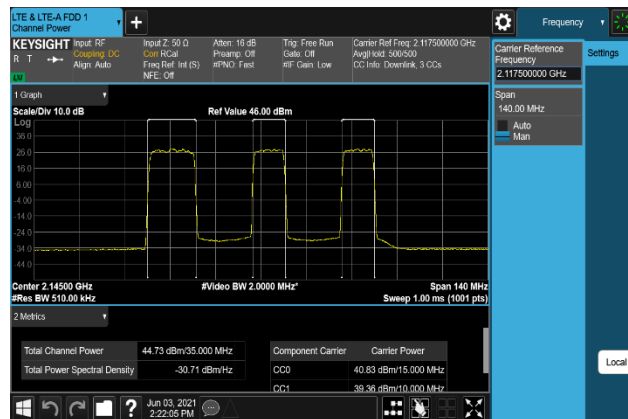


Plot 7-204. Conducted Average Output Power Plot (B66_15M+10M+10M_256QAM, Port 2)

FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 53 of 515



Plot 7-205. Conducted Average Output Power Plot (B66_15M+10M+10M_QPSK, Port 3)



Plot 7-206. Conducted Average Output Power Plot (B66_15M+10M+10M_16QAM, Port 3)



Plot 7-207. Conducted Average Output Power Plot (B66_15M+10M+10M_64QAM, Port 3)



Plot 7-208. Conducted Average Output Power Plot (B66_15M+10M+10M_256QAM, Port 3)

FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 54 of 515

- B66 20M+5M+10M Contiguous

Low Channel	Port	QPSK	16QAM	64QAM	256QAM
Conducted Average Power (dBm)	0	45.16	45.18	45.24	45.22
	1	44.98	45.09	45.06	45.05
	2	44.62	44.61	44.67	44.75
	3	44.92	44.71	44.89	44.97
Total MIMO Conducted Power (mW)		124306.04	123732.84	125623.01	126513.82
Total MIMO Conducted Power (dBm)		50.94	50.92	50.99	51.02

Table 7-9. Conducted Average Output Power Table (B66_20M+5M+10M_Contiguous - Low Channel)

Middle Channel	Port	QPSK	16QAM	64QAM	256QAM
Conducted Average Power (dBm)	0	45.19	45.31	45.28	45.30
	1	45.15	45.28	45.20	45.20
	2	44.71	44.81	44.73	44.72
	3	45.11	44.79	44.89	44.93
Total MIMO Conducted Power (mW)		127785.11	128090.45	127390.38	127763.01
Total MIMO Conducted Power (dBm)		51.06	51.08	51.05	51.06

Table 7-10. Conducted Average Output Power Table (B66_20M+5M+10M_Contiguous - Middle Channel)

High Channel	Port	QPSK	16QAM	64QAM	256QAM
Conducted Average Power (dBm)	0	45.41	45.36	45.41	45.46
	1	45.25	45.31	45.29	45.22
	2	44.88	44.84	44.86	44.92
	3	44.97	44.81	44.84	44.89
Total MIMO Conducted Power (mW)		130416.22	129066.41	129658.68	130299.47
Total MIMO Conducted Power (dBm)		51.15	51.11	51.13	51.15

Table 7-11. Conducted Average Output Power Table (B66_20M+5M+10M_Contiguous - High Channel)

FCC ID: A3LRF4402D-D1A		MEASUREMENT REPORT (Class II Permissive Change)			Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 55 of 515	

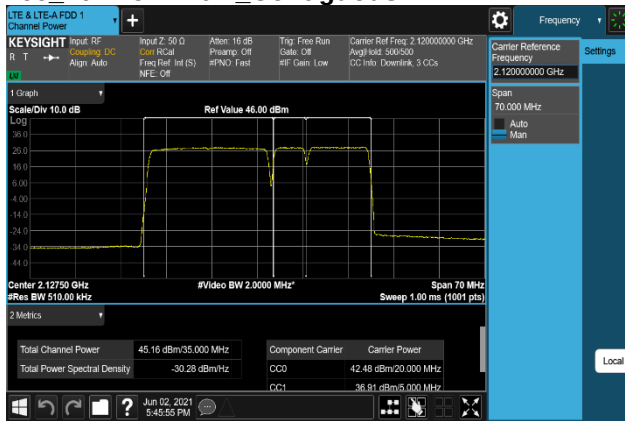
- B66_20M+5M+10M_Non-Contiguous

Low Channel	Port	QPSK	16QAM	64QAM	256QAM
Conducted Average Power (dBm)	0	44.78	44.72	44.78	44.58
	1	44.99	44.94	44.90	45.24
	2	44.66	44.65	44.69	44.64
	3	44.91	44.90	44.90	44.82
Total MIMO Conducted Power (mW)		121826.53	120914.43	121310.89	121573.39
Total MIMO Conducted Power (dBm)		50.86	50.82	50.84	50.85

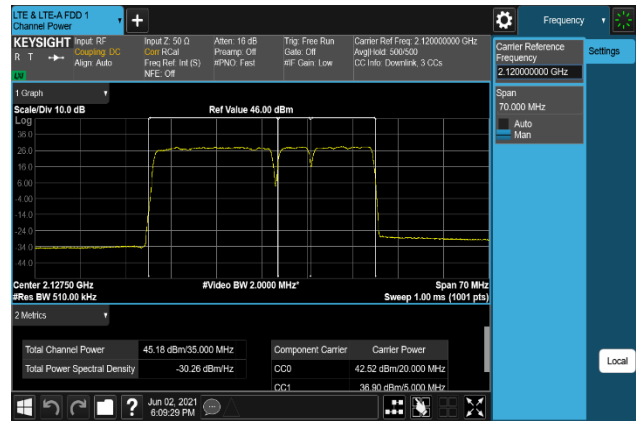
Table 7-12. Conducted Average Output Power Table (B66_20M+5M+10M_Non-Contiguous)

FCC ID: A3LRF4402D-D1A	 PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)	Page 56 of 515	

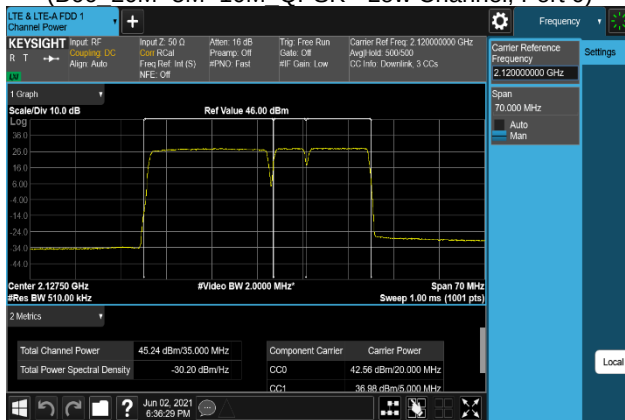
- B66_20M+5M+10M_Contiguous



Plot 7-209. Conducted Average Output Power Plot
(B66_20M+5M+10M_QPSK - Low Channel, Port 0)



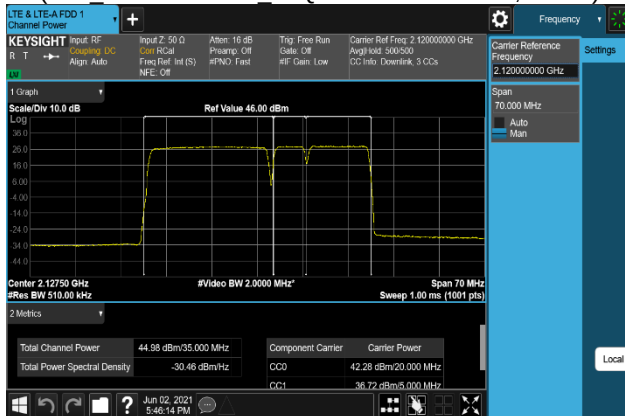
Plot 7-210. Conducted Average Output Power Plot
(B66_20M+5M+10M_16QAM - Low Channel, Port 0)



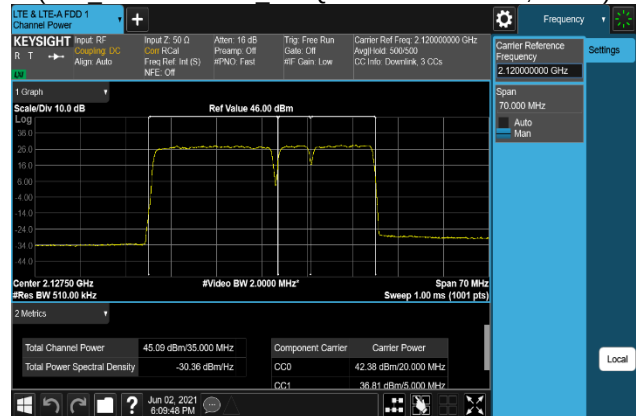
Plot 7-211. Conducted Average Output Power Plot
(B66_20M+5M+10M_64QAM - Low Channel, Port 0)



Plot 7-212. Conducted Average Output Power Plot
(B66_20M+5M+10M_256QAM - Low Channel, Port 0)

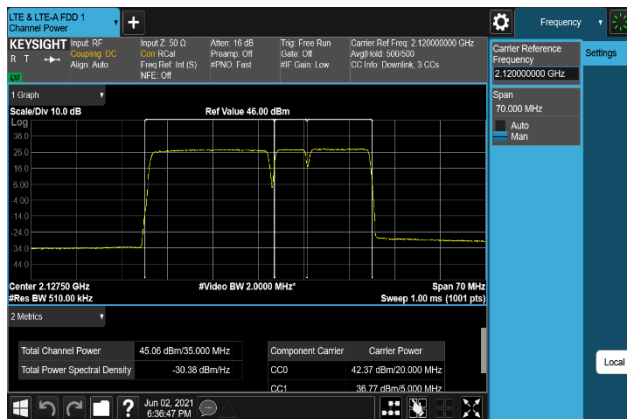


Plot 7-213. Conducted Average Output Power Plot
(B66_20M+5M+10M_QPSK - Low Channel, Port 1)

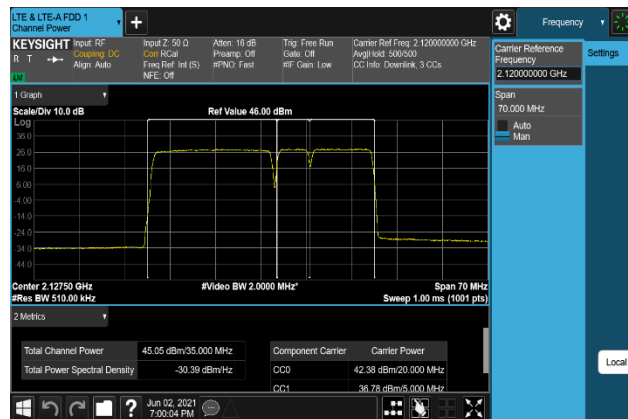


Plot 7-214. Conducted Average Output Power Plot
(B66_20M+5M+10M_16QAM - Low Channel, Port 1)

FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 57 of 515



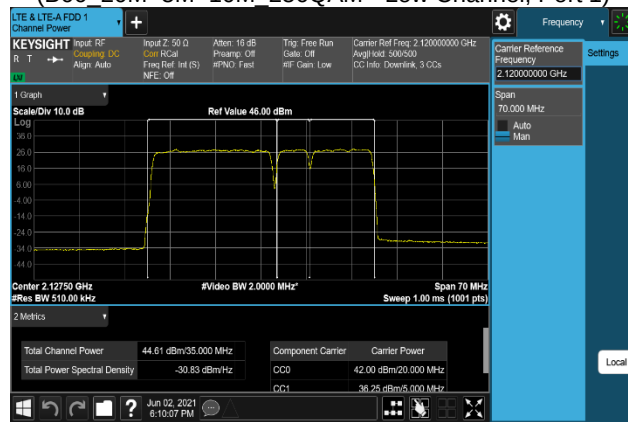
Plot 7-215. Conducted Average Output Power Plot
(B66_20M+5M+10M_64QAM - Low Channel, Port 1)



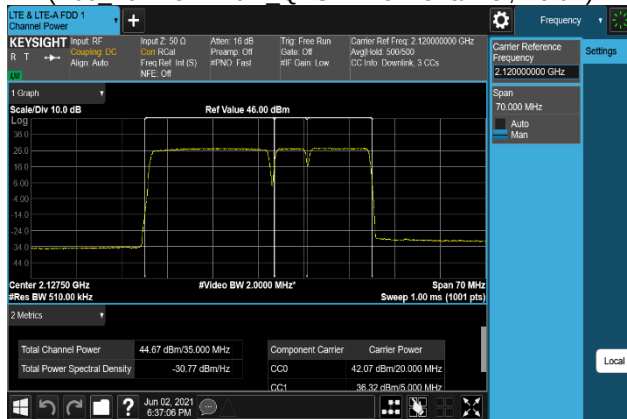
Plot 7-216. Conducted Average Output Power Plot
(B66_20M+5M+10M_256QAM - Low Channel, Port 1)



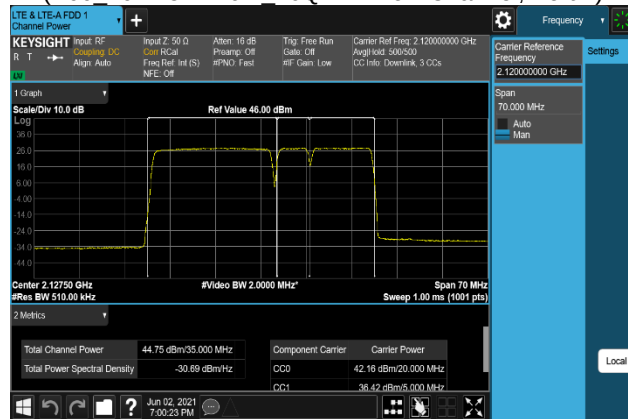
Plot 7-217. Conducted Average Output Power Plot
(B66_20M+5M+10M_QPSK - Low Channel, Port 2)



Plot 7-218. Conducted Average Output Power Plot
(B66_20M+5M+10M_16QAM - Low Channel, Port 2)



Plot 7-219. Conducted Average Output Power Plot
(B66_20M+5M+10M_64QAM - Low Channel, Port 2)

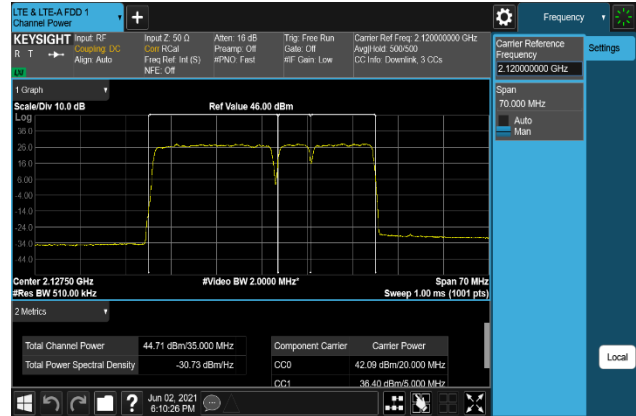


Plot 7-220. Conducted Average Output Power Plot
(B66_20M+5M+10M_256QAM - Low Channel, Port 2)

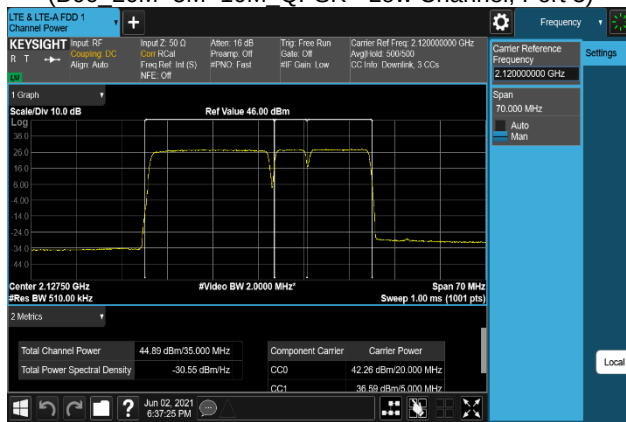
FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 58 of 515



Plot 7-221. Conducted Average Output Power Plot
(B66_20M+5M+10M_QPSK - Low Channel, Port 3)



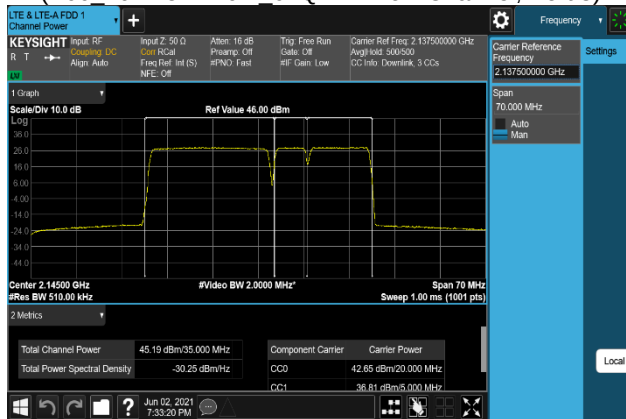
Plot 7-222. Conducted Average Output Power Plot
(B66_20M+5M+10M_16QAM - Low Channel, Port 3)



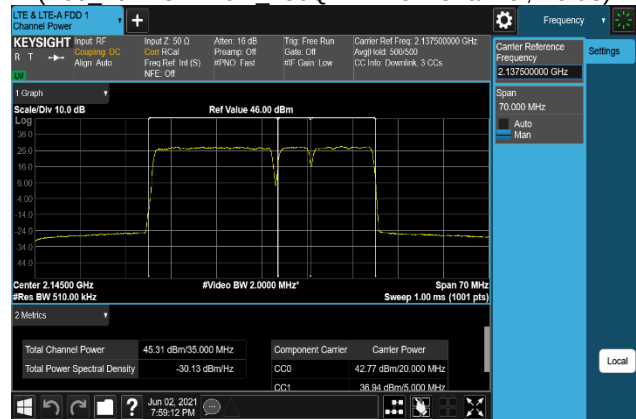
Plot 7-223. Conducted Average Output Power Plot
(B66_20M+5M+10M_64QAM - Low Channel, Port 3)



Plot 7-224. Conducted Average Output Power Plot
(B66_20M+5M+10M_256QAM - Low Channel, Port 3)



Plot 7-225. Conducted Average Output Power Plot
(B66_20M+5M+10M_QPSK - Middle Channel, Port 0)

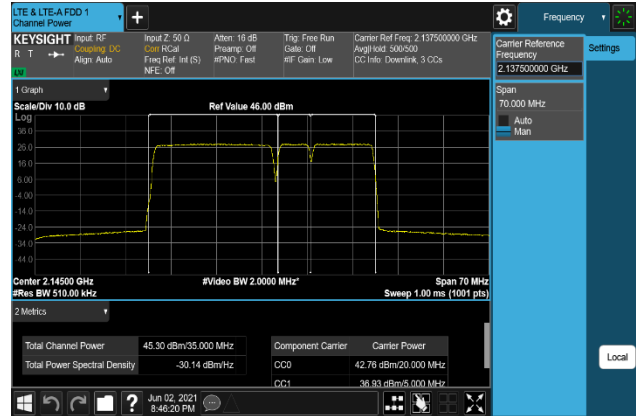


Plot 7-226. Conducted Average Output Power Plot
(B66_20M+5M+10M_16QAM - Middle Channel, Port 0)

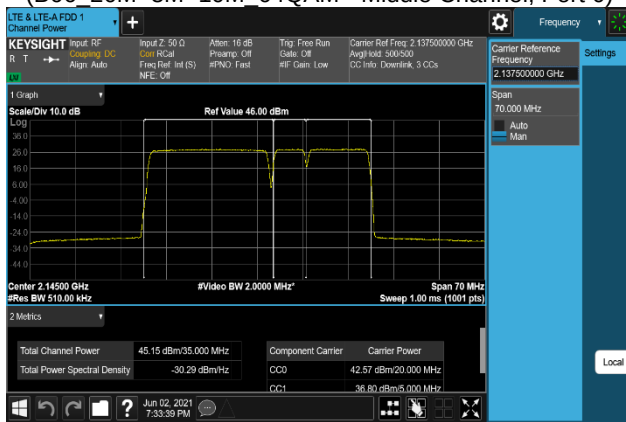
FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 59 of 515



Plot 7-227. Conducted Average Output Power Plot
(B66_20M+5M+10M_64QAM - Middle Channel, Port 0)



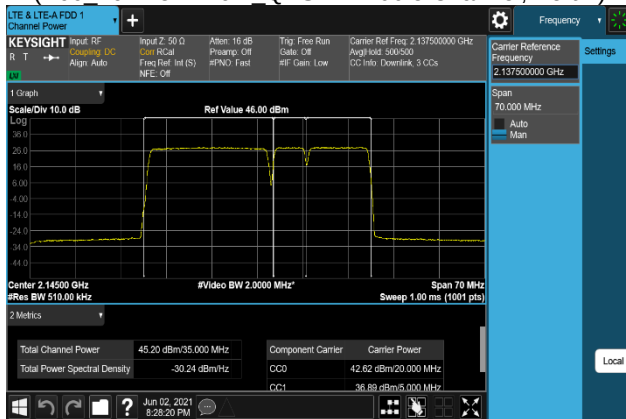
Plot 7-228. Conducted Average Output Power Plot
(B66_20M+5M+10M_256QAM - Middle Channel, Port 0)



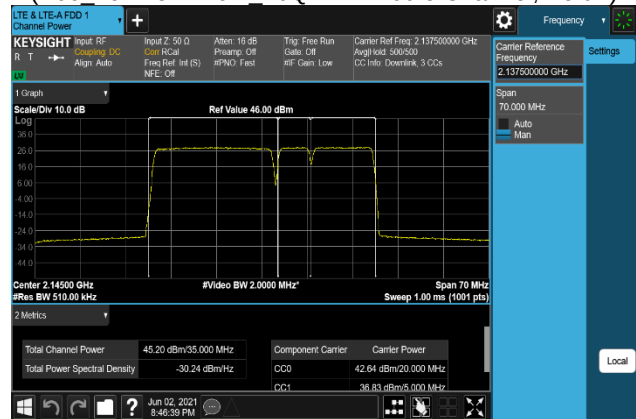
Plot 7-229. Conducted Average Output Power Plot
(B66_20M+5M+10M_QPSK - Middle Channel, Port 1)



Plot 7-230. Conducted Average Output Power Plot
(B66_20M+5M+10M_16QAM - Middle Channel, Port 1)



Plot 7-231. Conducted Average Output Power Plot
(B66_20M+5M+10M_64QAM - Middle Channel, Port 1)



Plot 7-232. Conducted Average Output Power Plot
(B66_20M+5M+10M_256QAM - Middle Channel, Port 1)

FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 60 of 515