



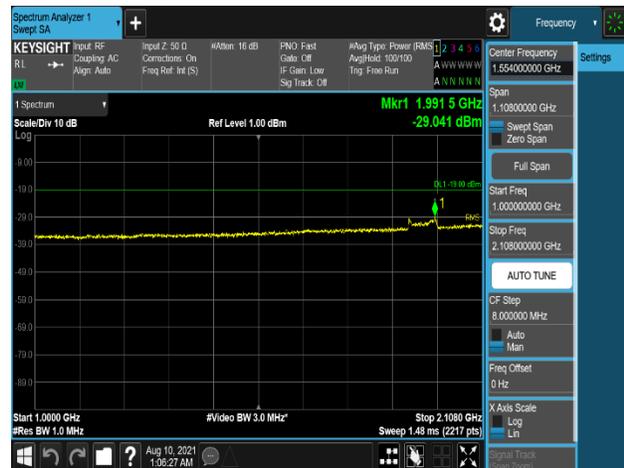
Plot 7-1165. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_5M+5M_2C_QPSK - Port 1)



Plot 7-1166. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_5M+5M_2C_QPSK - Port 3)



Plot 7-1167. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_5M+5M_2C_QPSK - Port 2)



Plot 7-1168. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_5M+5M_2C_QPSK - Port 0)



Plot 7-1169. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_5M+5M_2C_QPSK - Port 2)



Plot 7-1170. Conducted Spurious Emission Plot
6 GHz to 22 GHz
(B66_5M+5M_2C_QPSK - Port 2)

FCC ID: A3LRF4437D-25D		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)		Page 368 of 430



Plot 7-1171. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_5M+20M_2C_64QAM - Port 3)



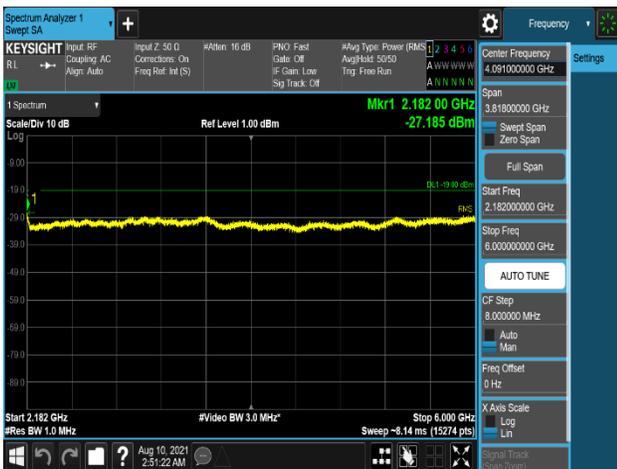
Plot 7-1172. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_5M+20M_2C_64QAM - Port 3)



Plot 7-1173. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_5M+20M_2C_64QAM - Port 0)



Plot 7-1174. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_5M+20M_2C_64QAM - Port 1)



Plot 7-1175. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_5M+20M_2C_64QAM - Port 1)



Plot 7-1176. Conducted Spurious Emission Plot
6 GHz to 22 GHz
(B66_5M+20M_2C_64QAM - Port 2)

FCC ID: A3LRF4437D-25D		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)		Page 369 of 430



Plot 7-1177. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_20M+20M_2C_QPSK - Port 1)



Plot 7-1178. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_20M+20M_2C_QPSK - Port 3)



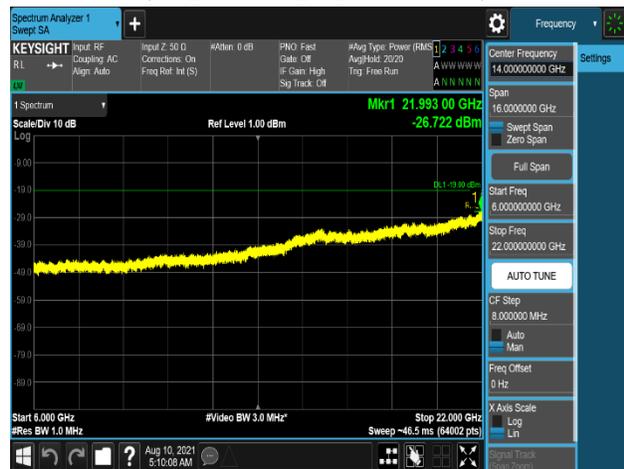
Plot 7-1179. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_20M+20M_2C_QPSK - Port 2)



Plot 7-1180. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_20M+20M_2C_QPSK - Port 0)



Plot 7-1181. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_20M+20M_2C_QPSK - Port 2)



Plot 7-1182. Conducted Spurious Emission Plot
6 GHz to 22 GHz
(B66_20M+20M_2C_QPSK - Port 2)

FCC ID: A3LRF4437D-25D		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)		Page 370 of 430

Configuration	Port	Measurement Range	Level (dBm)	Limit (dBm)	Worst Margin (dB)
B66_5M+5M+5M Non-contiguous	0	9 kHz to 150 kHz	-52.26	-49.02	-3.24
		150 kHz to 30 MHz	-45.56	-39.02	-6.54
		30 MHz to 1 GHz	-44.39	-29.02	-15.37
		1 GHz to 2.108 GHz	-29.87	-19.02	-10.85
		2.182 GHz to 6 GHz	-26.91	-19.02	-7.89
		6 GHz to 22 GHz	-28.04	-19.02	-9.02
	1	9 kHz to 150 kHz	-51.66	-49.02	-2.64
		150 kHz to 30 MHz	-44.44	-39.02	-5.42
		30 MHz to 1 GHz	-44.80	-29.02	-15.78
		1 GHz to 2.108 GHz	-30.27	-19.02	-11.25
		2.182 GHz to 6 GHz	-27.02	-19.02	-8.00
		6 GHz to 22 GHz	-27.38	-19.02	-8.36
	2	9 kHz to 150 kHz	-51.31	-49.02	-2.29
		150 kHz to 30 MHz	-44.71	-39.02	-5.69
		30 MHz to 1 GHz	-43.97	-29.02	-14.95
		1 GHz to 2.108 GHz	-30.13	-19.02	-11.11
		2.182 GHz to 6 GHz	-26.88	-19.02	-7.86
		6 GHz to 22 GHz	-26.10	-19.02	-7.08
	3	9 kHz to 150 kHz	-51.14	-49.02	-2.12
		150 kHz to 30 MHz	-44.87	-39.02	-5.85
		30 MHz to 1 GHz	-44.77	-29.02	-15.75
		1 GHz to 2.108 GHz	-29.35	-19.02	-10.33
		2.182 GHz to 6 GHz	-26.19	-19.02	-7.17
		6 GHz to 22 GHz	-26.72	-19.02	-7.70

Table 7-244. Conducted Spurious Emission Summary Data (B66_5M+5M+5M_3C - Non-contiguous)

FCC ID: A3LRF4437D-25D	 PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)	Page 371 of 430	

Configuration	Port	Measurement Range	Level (dBm)	Limit (dBm)	Worst Margin (dB)
B66_5M+5M+20M Non-contiguous	0	9 kHz to 150 kHz	-52.32	-49.02	-3.30
		150 kHz to 30 MHz	-45.64	-39.02	-6.62
		30 MHz to 1 GHz	-44.43	-29.02	-15.41
		1 GHz to 2.108 GHz	-28.98	-19.02	-9.96
		2.182 GHz to 6 GHz	-27.79	-19.02	-8.77
		6 GHz to 22 GHz	-27.69	-19.02	-8.67
	1	9 kHz to 150 kHz	-51.30	-49.02	-2.28
		150 kHz to 30 MHz	-44.65	-39.02	-5.63
		30 MHz to 1 GHz	-44.88	-29.02	-15.86
		1 GHz to 2.108 GHz	-29.34	-19.02	-10.32
		2.182 GHz to 6 GHz	-28.14	-19.02	-9.12
		6 GHz to 22 GHz	-27.84	-19.02	-8.82
	2	9 kHz to 150 kHz	-51.89	-49.02	-2.87
		150 kHz to 30 MHz	-45.11	-39.02	-6.09
		30 MHz to 1 GHz	-44.45	-29.02	-15.43
		1 GHz to 2.108 GHz	-29.53	-19.02	-10.51
		2.182 GHz to 6 GHz	-27.96	-19.02	-8.94
		6 GHz to 22 GHz	-26.54	-19.02	-7.52
	3	9 kHz to 150 kHz	-51.55	-49.02	-2.53
		150 kHz to 30 MHz	-44.98	-39.02	-5.96
		30 MHz to 1 GHz	-44.74	-29.02	-15.72
		1 GHz to 2.108 GHz	-28.56	-19.02	-9.54
		2.182 GHz to 6 GHz	-27.97	-19.02	-8.95
		6 GHz to 22 GHz	-26.71	-19.02	-7.69

Table 7-245. Conducted Spurious Emission Summary Data (B66_5M+5M+20M_3C - Non-contiguous)

FCC ID: A3LRF4437D-25D	 PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)	Page 372 of 430	

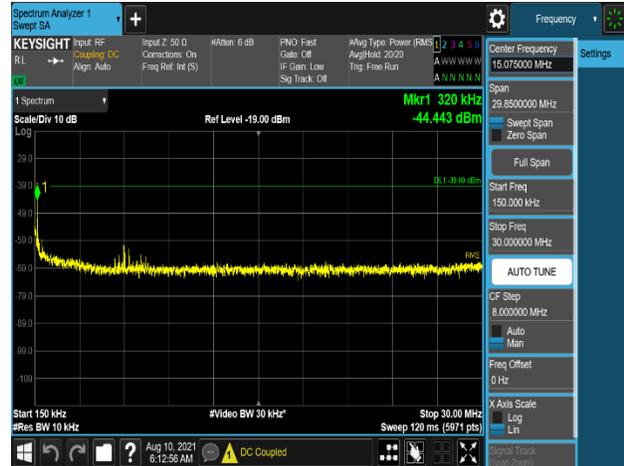
Configuration	Port	Measurement Range	Level (dBm)	Limit (dBm)	Worst Margin (dB)
B66_5M+15M+20M Non-contiguous	0	9 kHz to 150 kHz	-52.29	-49.02	-3.27
		150 kHz to 30 MHz	-45.83	-39.02	-6.81
		30 MHz to 1 GHz	-44.08	-29.02	-15.06
		1 GHz to 2.108 GHz	-29.71	-19.02	-10.69
		2.182 GHz to 6 GHz	-27.66	-19.02	-8.64
		6 GHz to 22 GHz	-28.03	-19.02	-9.01
	1	9 kHz to 150 kHz	-51.64	-49.02	-2.62
		150 kHz to 30 MHz	-45.14	-39.02	-6.12
		30 MHz to 1 GHz	-44.93	-29.02	-15.91
		1 GHz to 2.108 GHz	-29.98	-19.02	-10.96
		2.182 GHz to 6 GHz	-28.12	-19.02	-9.10
		6 GHz to 22 GHz	-27.77	-19.02	-8.75
	2	9 kHz to 150 kHz	-51.85	-49.02	-2.83
		150 kHz to 30 MHz	-44.93	-39.02	-5.91
		30 MHz to 1 GHz	-44.38	-29.02	-15.36
		1 GHz to 2.108 GHz	-30.06	-19.02	-11.04
		2.182 GHz to 6 GHz	-27.82	-19.02	-8.80
		6 GHz to 22 GHz	-26.84	-19.02	-7.82
	3	9 kHz to 150 kHz	-51.44	-49.02	-2.42
		150 kHz to 30 MHz	-45.05	-39.02	-6.03
		30 MHz to 1 GHz	-44.63	-29.02	-15.61
		1 GHz to 2.108 GHz	-29.08	-19.02	-10.06
		2.182 GHz to 6 GHz	-27.23	-19.02	-8.21
		6 GHz to 22 GHz	-27.25	-19.02	-8.23

Table 7-246. Conducted Spurious Emission Summary Data (B66_5M+15M+20M_3C - Non-contiguous)

FCC ID: A3LRF4437D-25D	 PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)	Page 373 of 430	



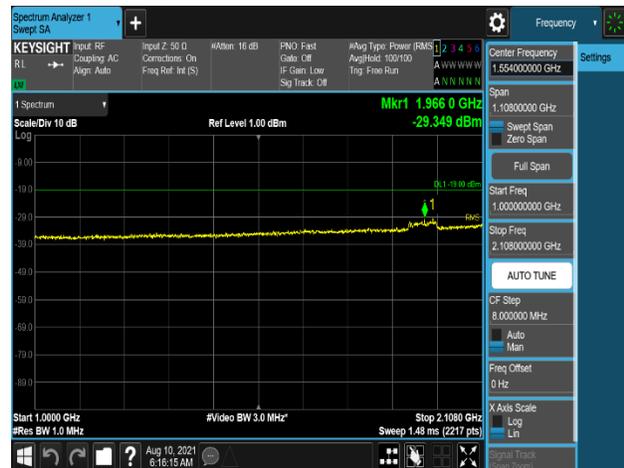
Plot 7-1183. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_5M+5M+5M_3C_64QAM - Port 3)



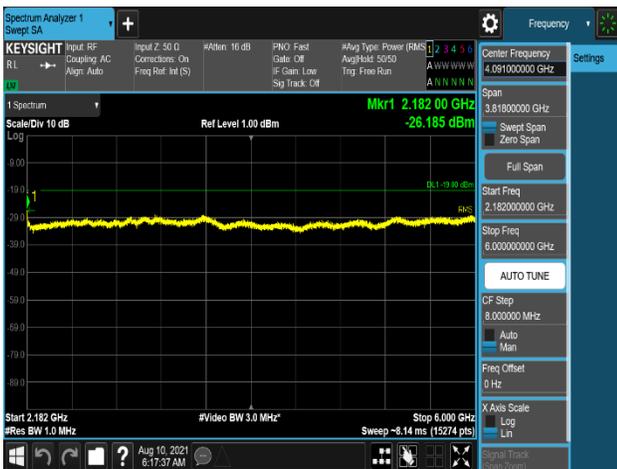
Plot 7-1184. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_5M+5M_2C_QPSK - Port 1)



Plot 7-1185. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_5M+5M_2C_QPSK - Port 2)



Plot 7-1186. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_5M+5M_2C_QPSK - Port 3)



Plot 7-1187. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_5M+5M_2C_QPSK - Port 3)

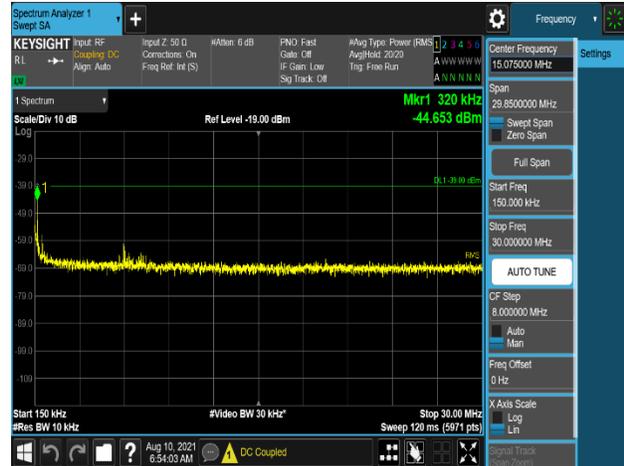


Plot 7-1188. Conducted Spurious Emission Plot
6 GHz to 22 GHz
(B66_5M+5M_2C_QPSK - Port 2)

FCC ID: A3LRF4437D-25D		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)		Page 374 of 430



Plot 7-1189. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_5M+5M+20M_3C_16QAM - Port 1)



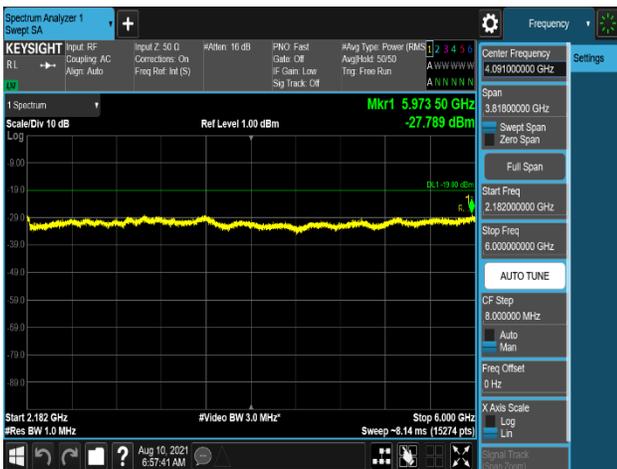
Plot 7-1190. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_5M+5M+20M_3C_16QAM - Port 1)



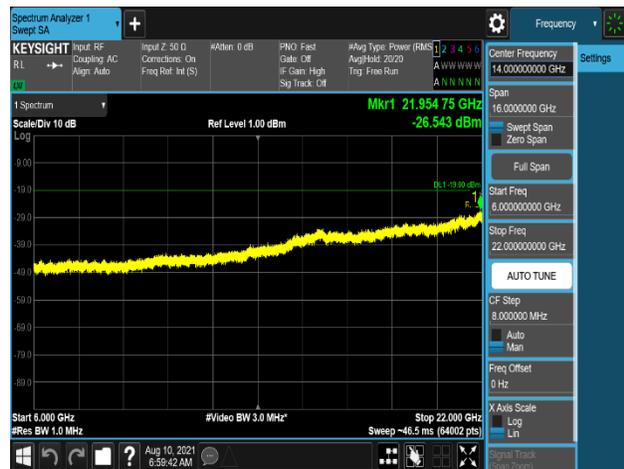
Plot 7-1191. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_5M+5M+20M_3C_16QAM - Port 0)



Plot 7-1192. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_5M+5M+20M_3C_16QAM - Port 3)



Plot 7-1193. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_5M+5M+20M_3C_16QAM - Port 0)



Plot 7-1194. Conducted Spurious Emission Plot
6 GHz to 22 GHz
(B66_5M+5M+20M_3C_16QAM - Port 2)

FCC ID: A3LRF4437D-25D		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)		Page 375 of 430



Plot 7-1195. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_5M+15M+20M_3C_64QAM - Port 3)



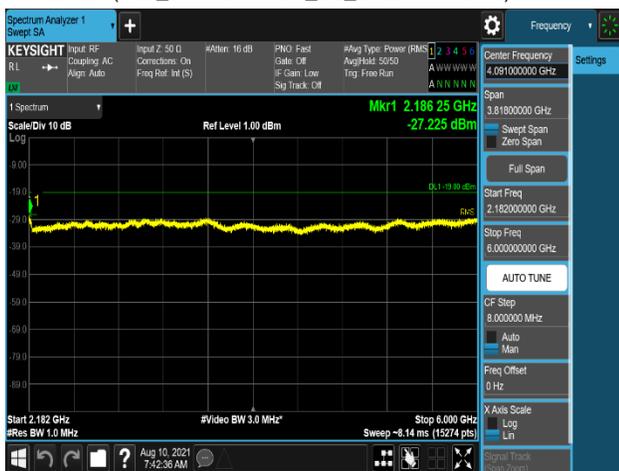
Plot 7-1196. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_5M+15M+20M_3C_64QAM - Port 2)



Plot 7-1197. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_5M+15M+20M_3C_64QAM - Port 0)



Plot 7-1198. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_5M+15M+20M_3C_64QAM - Port 3)



Plot 7-1199. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_5M+15M+20M_3C_64QAM - Port 3)



Plot 7-1200. Conducted Spurious Emission Plot
6 GHz to 22 GHz
(B66_5M+15M+20M_3C_64QAM - Port 2)

FCC ID: A3LRF4437D-25D		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)		Page 376 of 430

Configuration	Port	Measurement Range	Level (dBm)	Limit (dBm)	Worst Margin (dB)
B66_5M+5M+5M+5M Non-contiguous	0	9 kHz to 150 kHz	-62.16	-49.02	-13.14
		150 kHz to 30 MHz	-61.21	-39.02	-22.19
		30 MHz to 1 GHz	-54.07	-29.02	-25.05
		1 GHz to 2.108 GHz	-30.87	-19.02	-11.85
		2.182 GHz to 6 GHz	-28.50	-19.02	-9.48
		6 GHz to 22 GHz	-26.05	-19.02	-7.03
	1	9 kHz to 150 kHz	-61.71	-49.02	-12.69
		150 kHz to 30 MHz	-58.83	-39.02	-19.81
		30 MHz to 1 GHz	-51.96	-29.02	-22.94
		1 GHz to 2.108 GHz	-31.12	-19.02	-12.10
		2.182 GHz to 6 GHz	-26.69	-19.02	-7.67
		6 GHz to 22 GHz	-26.72	-19.02	-7.70
	2	9 kHz to 150 kHz	-61.84	-49.02	-12.82
		150 kHz to 30 MHz	-60.48	-39.02	-21.46
		30 MHz to 1 GHz	-51.30	-29.02	-22.28
		1 GHz to 2.108 GHz	-30.53	-19.02	-11.51
		2.182 GHz to 6 GHz	-26.05	-19.02	-7.03
		6 GHz to 22 GHz	-26.14	-19.02	-7.12
	3	9 kHz to 150 kHz	-61.93	-49.02	-12.91
		150 kHz to 30 MHz	-60.19	-39.02	-21.17
		30 MHz to 1 GHz	-51.29	-29.02	-22.27
		1 GHz to 2.108 GHz	-30.56	-19.02	-11.54
		2.182 GHz to 6 GHz	-26.97	-19.02	-7.95
		6 GHz to 22 GHz	-25.94	-19.02	-6.92

Table 7-247. Conducted Spurious Emission Summary Data (B66_5M+5M+5M+5M_4C - Non-contiguous)

FCC ID: A3LRF4437D-25D		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)		Page 377 of 430

Configuration	Port	Measurement Range	Level (dBm)	Limit (dBm)	Worst Margin (dB)
B66_5M+5M+5M+20M Non-contiguous	0	9 kHz to 150 kHz	-62.21	-49.02	-13.19
		150 kHz to 30 MHz	-60.93	-39.02	-21.91
		30 MHz to 1 GHz	-54.38	-29.02	-25.36
		1 GHz to 2.108 GHz	-31.73	-19.02	-12.71
		2.182 GHz to 6 GHz	-26.96	-19.02	-7.94
		6 GHz to 22 GHz	-25.31	-19.02	-6.29
	1	9 kHz to 150 kHz	-61.66	-49.02	-12.64
		150 kHz to 30 MHz	-60.06	-39.02	-21.04
		30 MHz to 1 GHz	-50.74	-29.02	-21.72
		1 GHz to 2.108 GHz	-32.35	-19.02	-13.33
		2.182 GHz to 6 GHz	-27.49	-19.02	-8.47
		6 GHz to 22 GHz	-25.02	-19.02	-6.00
	2	9 kHz to 150 kHz	-62.57	-49.02	-13.55
		150 kHz to 30 MHz	-60.63	-39.02	-21.61
		30 MHz to 1 GHz	-50.07	-29.02	-21.05
		1 GHz to 2.108 GHz	-31.83	-19.02	-12.81
		2.182 GHz to 6 GHz	-24.96	-19.02	-5.94
		6 GHz to 22 GHz	-25.26	-19.02	-6.24
	3	9 kHz to 150 kHz	-62.30	-49.02	-13.28
		150 kHz to 30 MHz	-60.46	-39.02	-21.44
		30 MHz to 1 GHz	-51.50	-29.02	-22.48
		1 GHz to 2.108 GHz	-31.22	-19.02	-12.20
		2.182 GHz to 6 GHz	-27.41	-19.02	-8.39
		6 GHz to 22 GHz	-25.44	-19.02	-6.42

Table 7-248. Conducted Spurious Emission Summary Data (B66_5M+5M+5M+20M_4C - Non-contiguous)

FCC ID: A3LRF4437D-25D	 PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)	Page 378 of 430	

Configuration	Port	Measurement Range	Level (dBm)	Limit (dBm)	Worst Margin (dB)
B66_5M+5M+10M+20M Non-contiguous	0	9 kHz to 150 kHz	-63.10	-49.02	-14.08
		150 kHz to 30 MHz	-61.24	-39.02	-22.22
		30 MHz to 1 GHz	-54.43	-29.02	-25.41
		1 GHz to 2.108 GHz	-31.51	-19.02	-12.49
		2.182 GHz to 6 GHz	-27.22	-19.02	-8.20
		6 GHz to 22 GHz	-25.63	-19.02	-6.61
	1	9 kHz to 150 kHz	-62.18	-49.02	-13.16
		150 kHz to 30 MHz	-58.51	-39.02	-19.49
		30 MHz to 1 GHz	-51.69	-29.02	-22.67
		1 GHz to 2.108 GHz	-32.18	-19.02	-13.16
		2.182 GHz to 6 GHz	-27.20	-19.02	-8.18
		6 GHz to 22 GHz	-25.12	-19.02	-6.10
	2	9 kHz to 150 kHz	-61.98	-49.02	-12.96
		150 kHz to 30 MHz	-60.62	-39.02	-21.60
		30 MHz to 1 GHz	-51.26	-29.02	-22.24
		1 GHz to 2.108 GHz	-32.04	-19.02	-13.02
		2.182 GHz to 6 GHz	-24.57	-19.02	-5.55
		6 GHz to 22 GHz	-25.09	-19.02	-6.07
	3	9 kHz to 150 kHz	-62.59	-49.02	-13.57
		150 kHz to 30 MHz	-61.13	-39.02	-22.11
		30 MHz to 1 GHz	-51.99	-29.02	-22.97
		1 GHz to 2.108 GHz	-31.91	-19.02	-12.89
		2.182 GHz to 6 GHz	-26.13	-19.02	-7.11
		6 GHz to 22 GHz	-25.38	-19.02	-6.36

Table 7-249. Conducted Spurious Emission Summary Data (B66_5M+5M+10M+20M_4C - Non-contiguous)

FCC ID: A3LRF4437D-25D	 PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)	Page 379 of 430	



Plot 7-1201. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_5M+5M+5M+5M_4C_64QAM - Port 1)



Plot 7-1202. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_5M+5M+5M+5M_4C_64QAM - Port 1)



Plot 7-1203. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_5M+5M+5M+5M_4C_64QAM - Port 3)



Plot 7-1204. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_5M+5M+5M+5M_4C_64QAM - Port 2)



Plot 7-1205. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_5M+5M+5M+5M_4C_64QAM - Port 2)

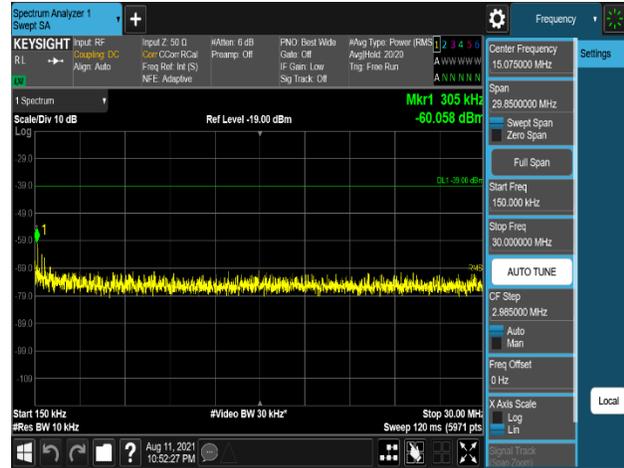


Plot 7-1206. Conducted Spurious Emission Plot
6 GHz to 22 GHz
(B66_5M+5M+5M+5M_4C_64QAM - Port 3)

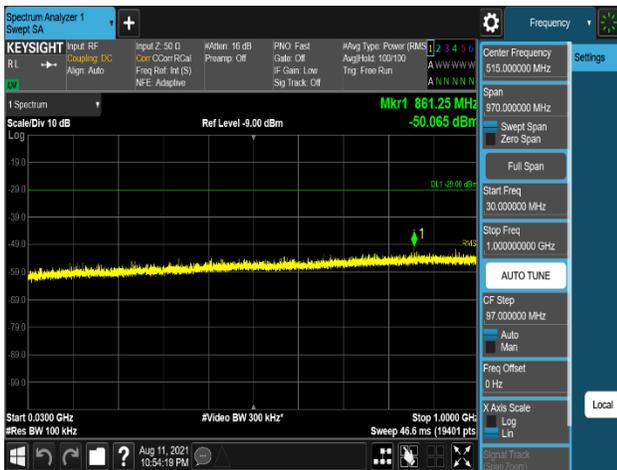
FCC ID: A3LRF4437D-25D	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)		Page 380 of 430



Plot 7-1207. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_5M+5M+5M+20M_4C_64QAM - Port 1)



Plot 7-1208. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_5M+5M+5M+20M_4C_64QAM - Port 1)



Plot 7-1209. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_5M+5M+5M+20M_4C_64QAM - Port 2)



Plot 7-1210. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_5M+5M+5M+20M_4C_64QAM - Port 3)



Plot 7-1211. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_5M+5M+5M+20M_4C_64QAM - Port 2)



Plot 7-1212. Conducted Spurious Emission Plot
6 GHz to 22 GHz
(B66_5M+5M+5M+20M_4C_64QAM - Port 1)

FCC ID: A3LRF4437D-25D	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)	Page 381 of 430



Plot 7-1213. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_5M+5M+10M+20M_4C_64QAM - Port 2)



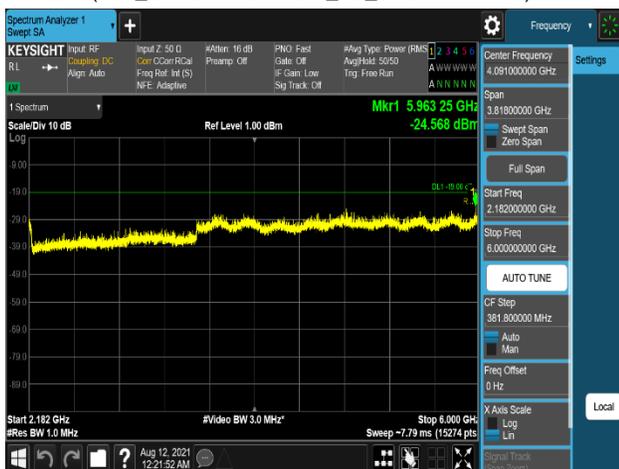
Plot 7-1214. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_5M+5M+10M+20M_4C_64QAM - Port 1)



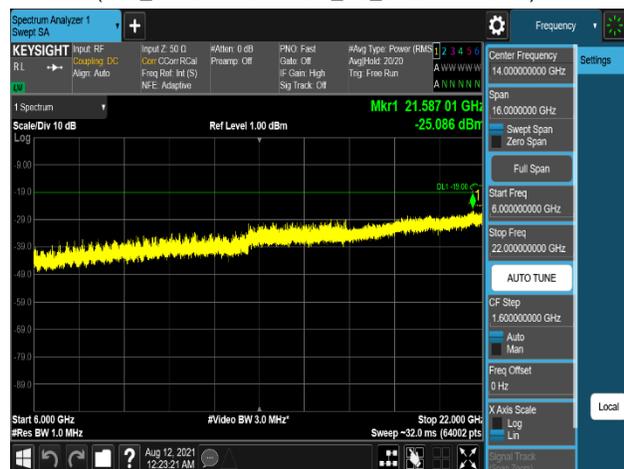
Plot 7-1215. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_5M+5M+10M+20M_4C_64QAM - Port 2)



Plot 7-1216. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_5M+5M+10M+20M_4C_64QAM - Port 0)



Plot 7-1217. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_5M+5M+10M+20M_4C_64QAM - Port 2)



Plot 7-1218. Conducted Spurious Emission Plot
6 GHz to 22 GHz
(B66_5M+15M+20M_3C_64QAM - Port 2)

FCC ID: A3LRF4437D-25D		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)		Page 382 of 430

Configuration	Port	Measurement Range	Level (dBm)	Limit (dBm)	Worst Margin (dB)
Multi Band_ B2_5M_1C_Low + B66_5M_1C_High	0	9 kHz to 150 kHz	-61.72	-49.02	-12.70
		150 kHz to 30 MHz	-59.23	-39.02	-20.21
		30 MHz to 1 GHz	-54.11	-29.02	-25.09
		1 GHz to 1.928 GHz	-22.46	-19.02	-3.44
		1.992 GHz to 2.108 GHz	-28.92	-19.02	-9.90
		2.182 GHz to 6 GHz	-22.57	-19.02	-3.55
		6 GHz to 22 GHz	-26.29	-19.02	-7.27
	1	9 kHz to 150 kHz	-60.87	-49.02	-11.85
		150 kHz to 30 MHz	-59.74	-39.02	-20.72
		30 MHz to 1 GHz	-50.35	-29.02	-21.33
		1 GHz to 1.928 GHz	-23.51	-19.02	-4.49
		1.992 GHz to 2.108 GHz	-29.51	-19.02	-10.49
		2.182 GHz to 6 GHz	-23.49	-19.02	-4.47
		6 GHz to 22 GHz	-26.43	-19.02	-7.41
	2	9 kHz to 150 kHz	-60.84	-49.02	-11.82
		150 kHz to 30 MHz	-60.14	-39.02	-21.12
		30 MHz to 1 GHz	-51.11	-29.02	-22.09
		1 GHz to 1.928 GHz	-23.80	-19.02	-4.78
		1.992 GHz to 2.108 GHz	-29.49	-19.02	-10.47
		2.182 GHz to 6 GHz	-22.34	-19.02	-3.32
		6 GHz to 22 GHz	-26.84	-19.02	-7.82
	3	9 kHz to 150 kHz	-62.12	-49.02	-13.10
		150 kHz to 30 MHz	-60.16	-39.02	-21.14
		30 MHz to 1 GHz	-51.71	-29.02	-22.69
		1 GHz to 1.928 GHz	-22.05	-19.02	-3.03
		1.992 GHz to 2.108 GHz	-29.35	-19.02	-10.33
		2.182 GHz to 6 GHz	-21.86	-19.02	-2.84
		6 GHz to 22 GHz	-26.35	-19.02	-7.33

**Table 7-250. Conducted Spurious Emission Summary Data
(Multi Band_B2_5M_1C_Low + B66_5M_1C_High)**

FCC ID: A3LRF4437D-25D	 PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)	Page 383 of 430	

Configuration	Port	Measurement Range	Level (dBm)	Limit (dBm)	Worst Margin (dB)
Multi Band_ B2_5M_1C_High+ B66_5M_1C_Low	0	9 kHz to 150 kHz	-59.11	-49.02	-10.09
		150 kHz to 30 MHz	-61.11	-39.02	-22.09
		30 MHz to 1 GHz	-53.96	-29.02	-24.94
		1 GHz to 1.928 GHz	-29.53	-19.02	-10.51
		1.992 GHz to 2.108 GHz	-27.38	-19.02	-8.36
		2.182 GHz to 6 GHz	-27.62	-19.02	-8.60
		6 GHz to 22 GHz	-25.64	-19.02	-6.62
	1	9 kHz to 150 kHz	-59.05	-49.02	-10.03
		150 kHz to 30 MHz	-60.10	-39.02	-21.08
		30 MHz to 1 GHz	-51.23	-29.02	-22.21
		1 GHz to 1.928 GHz	-31.12	-19.02	-12.10
		1.992 GHz to 2.108 GHz	-29.97	-19.02	-10.95
		2.182 GHz to 6 GHz	-26.91	-19.02	-7.89
		6 GHz to 22 GHz	-25.42	-19.02	-6.40
	2	9 kHz to 150 kHz	-59.68	-49.02	-10.66
		150 kHz to 30 MHz	-60.65	-39.02	-21.63
		30 MHz to 1 GHz	-50.88	-29.02	-21.86
		1 GHz to 1.928 GHz	-31.01	-19.02	-11.99
		1.992 GHz to 2.108 GHz	-29.88	-19.02	-10.86
		2.182 GHz to 6 GHz	-25.43	-19.02	-6.41
		6 GHz to 22 GHz	-26.35	-19.02	-7.33
	3	9 kHz to 150 kHz	-59.87	-49.02	-10.85
		150 kHz to 30 MHz	-61.30	-39.02	-22.28
		30 MHz to 1 GHz	-50.51	-29.02	-21.49
1 GHz to 1.928 GHz		-30.43	-19.02	-11.41	
1.992 GHz to 2.108 GHz		-28.83	-19.02	-9.81	
2.182 GHz to 6 GHz		-25.55	-19.02	-6.53	
6 GHz to 22 GHz		-26.59	-19.02	-7.57	

**Table 7-251. Conducted Spurious Emission Summary Data
(Multi Band_B2_5M_1C_High + B66_5M_1C_Low)**

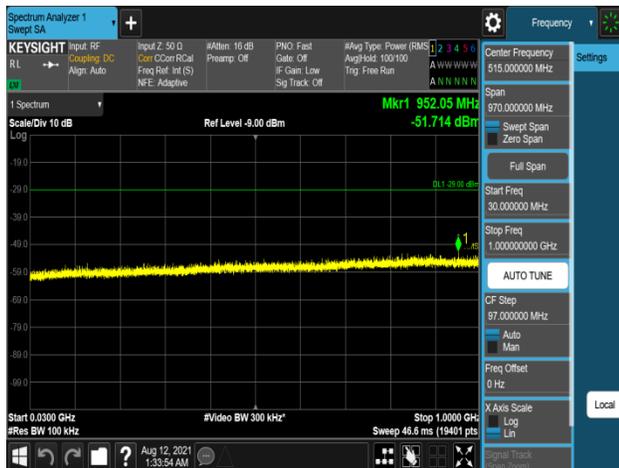
FCC ID: A3LRF4437D-25D	 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)	Page 384 of 430



Plot 7-1219. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(Multi Band_B2_5M_1C_Low + B66_5M_1C_High_QPSK - Port 2)



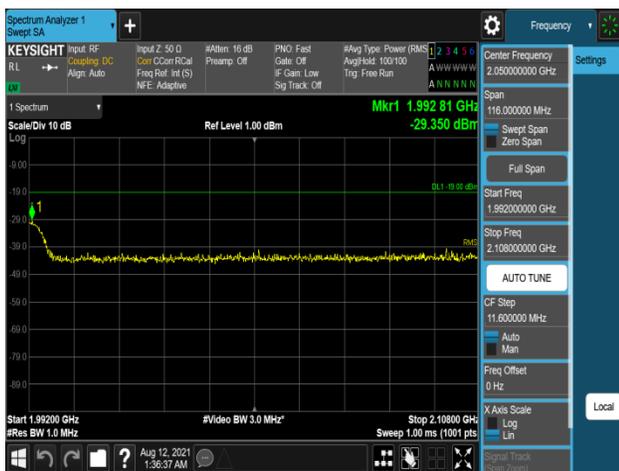
Plot 7-1220. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(Multi Band_B2_5M_1C_Low + B66_5M_1C_High_QPSK - Port 0)



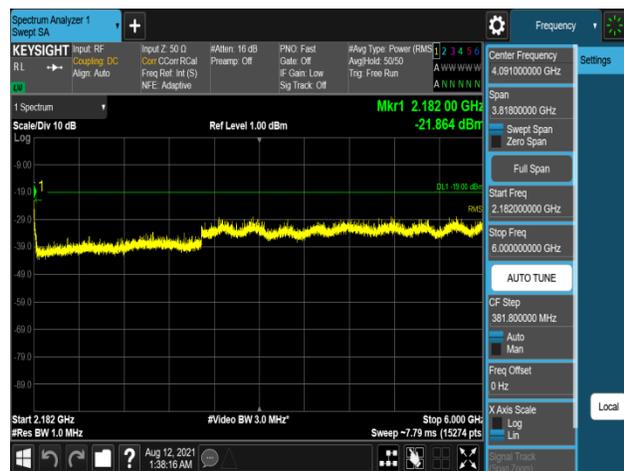
Plot 7-1221. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(Multi Band_B2_5M_1C_Low + B66_5M_1C_High_QPSK - Port 1)



Plot 7-1222. Conducted Spurious Emission Plot
1 GHz to 1.928 GHz
(Multi Band_B2_5M_1C_Low + B66_5M_1C_High_QPSK - Port 3)



Plot 7-1223. Conducted Spurious Emission Plot
1.992 GHz to 2.108 GHz
(Multi Band_B2_5M_1C_Low + B66_5M_1C_High_QPSK - Port 0)



Plot 7-1224. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(Multi Band_B2_5M_1C_Low + B66_5M_1C_High_QPSK - Port 3)

FCC ID: A3LRF4437D-25D		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)		Page 385 of 430



Plot 7-1225. Conducted Spurious Emission Plot
6 GHz to 22 GHz
(Multi Band_B2_5M_1C_Low + B66_5M_1C_High_QPSK - Port 3)



Plot 7-1226. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(Multi Band_B2_5M_1C_High + B66_5M_1C_Low_QPSK - Port 1)



Plot 7-1227. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(Multi Band_B2_5M_1C_High + B66_5M_1C_Low_QPSK - Port 1)



Plot 7-1228. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(Multi Band_B2_5M_1C_High + B66_5M_1C_Low_QPSK - Port 3)



Plot 7-1229. Conducted Spurious Emission Plot
1 GHz to 1.928 GHz
(Multi Band_B2_5M_1C_High + B66_5M_1C_Low_QPSK - Port 0)

FCC ID: A3LRF4437D-25D		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 8K21071202-02-R2.A3L	Test Dates: 07/19/2021-08/18/2021	EUT Type: RRU(RF4437d)		Page 386 of 430