



Plot 7-324. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (MRU) (UNII Band 7/8) - Ch. 191) - LPI - 3x996T

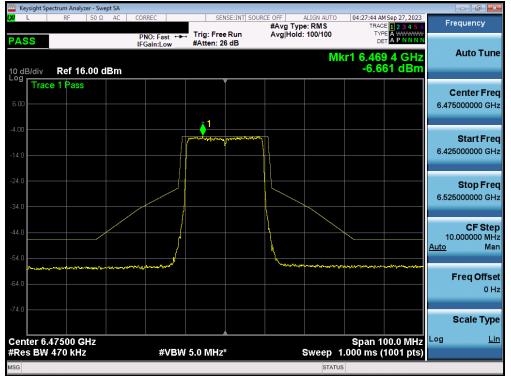


Plot 7-325. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (MRU) (UNII Band 7/8) - Ch. 191) - LPI - 3x996+484T

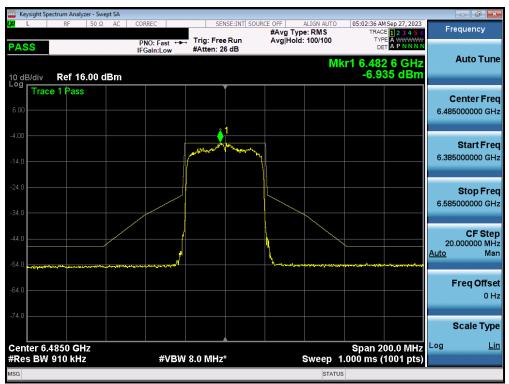
FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 214 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 214 01 310
© 2024 ELEMENT		·	V 9.0 02/01/2019



7.5.2 MIMO Antenna-1 In-Band Emission - (Full Tones) - (UNII Band 6)



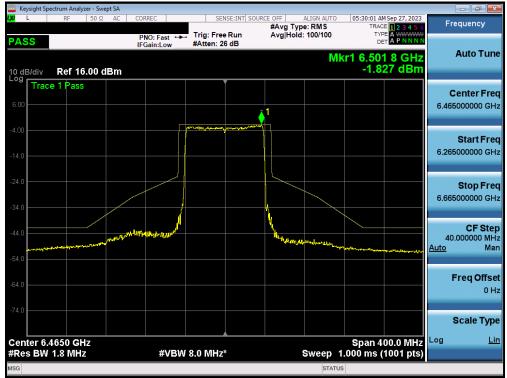
Plot 7-326. In-Band Emission Plot MIMO ANT1 (20MHz BW 802.11ax/be (Full Tone) (UNII Band 6) - Ch. 105) - LPI



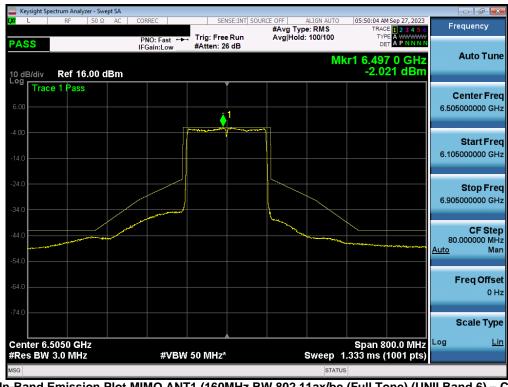
Plot 7-327. In-Band Emission Plot MIMO ANT1 (40MHz BW 802.11ax/be (Full Tone) (UNII Band 6) - Ch. 107) - LPI

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 215 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 215 01 516
© 2024 ELEMENT	· ·	·	V 9.0 02/01/2019





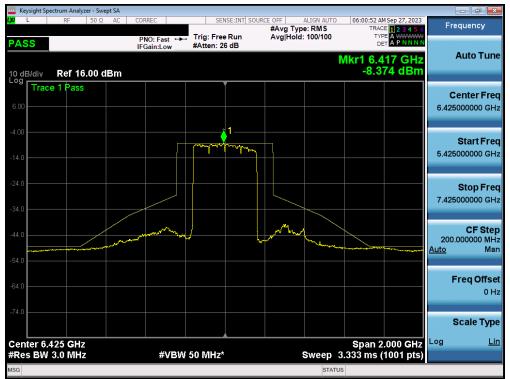
Plot 7-328. In-Band Emission Plot MIMO ANT1 (80MHz BW 802.11ax/be (Full Tone) (UNII Band 6) - Ch. 103) - LPI



Plot 7-329. In-Band Emission Plot MIMO ANT1 (160MHz BW 802.11ax/be (Full Tone) (UNII Band 6) - Ch. 111) - LPI

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 216 of 216
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Page 216 of 316
© 2024 ELEMENT			V 9.0 02/01/2019



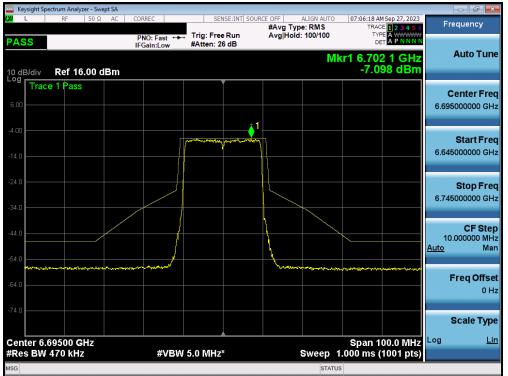


Plot 7-330. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 5/6/7) - Ch. 95) - LPI

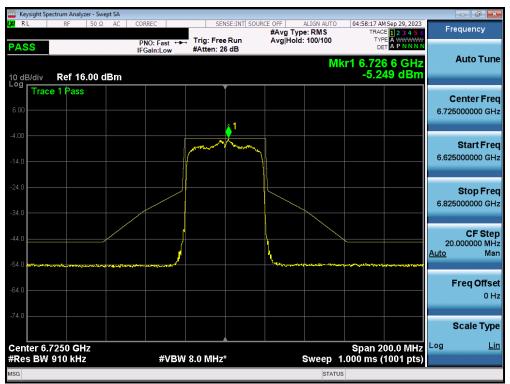
FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 217 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 217 01 510
© 2024 ELEMENT		· · · ·	V 9.0 02/01/2019



MIMO Antenna-1 In-Band Emission - (Full Tones) - (UNII Band 7)



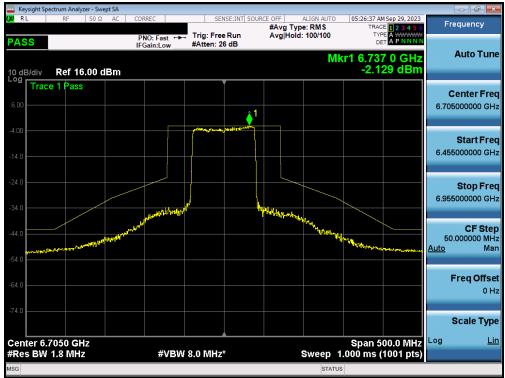
Plot 7-331. In-Band Emission Plot MIMO ANT1 (20MHz BW 802.11ax/be (Full Tone) (UNII Band 7) - Ch. 149) - LPI



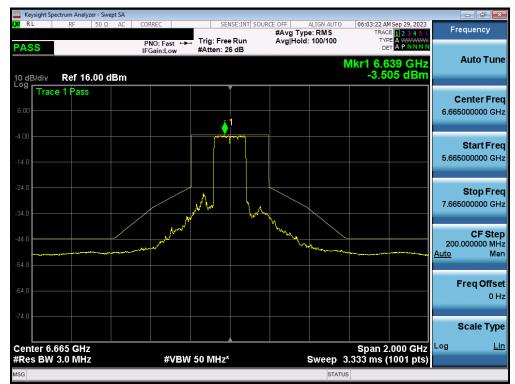
Plot 7-332. In-Band Emission Plot MIMO ANT1 (40MHz BW 802.11ax/be (Full Tone) (UNII Band 7) - Ch. 155) - LPI

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 218 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 218 01 318
© 2024 ELEMENT			V 9.0 02/01/2019





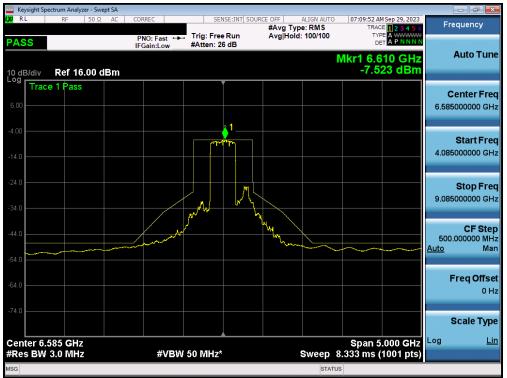
Plot 7-333. In-Band Emission Plot MIMO ANT1 (80MHz BW 802.11ax/be (Full Tone) (UNII Band 7) - Ch. 151) - LPI



Plot 7-334. In-Band Emission Plot MIMO ANT1 (160MHz BW 802.11ax/be (Full Tone) (UNII Band 7) - Ch. 143) - LPI

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 210 of 216
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Page 219 of 316
© 2024 ELEMENT			V 9 0 02/01/2019



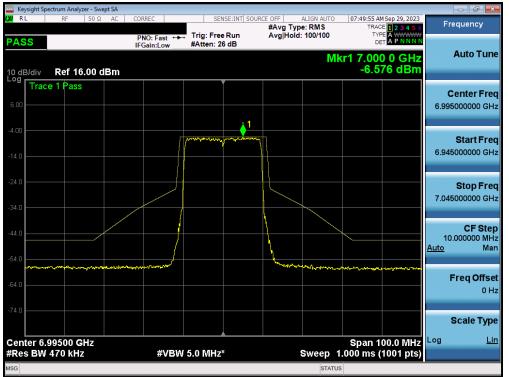


Plot 7-335. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 6/7) - Ch. 127) - LPI

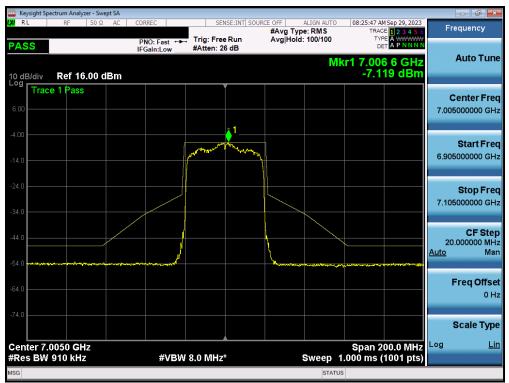
FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 220 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 220 01 310
© 2024 ELEMENT	•	·	V 9.0 02/01/2019



MIMO Antenna-1 In-Band Emission - (Full Tones) - (UNII Band 8)



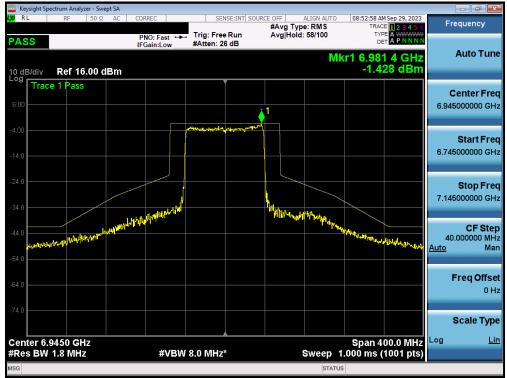
Plot 7-336. In-Band Emission Plot MIMO ANT1 (20MHz BW 802.11ax/be (Full Tone) (UNII Band 8) - Ch. 209) - LPI



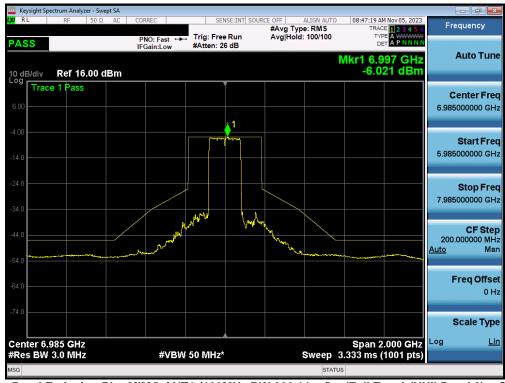
Plot 7-337. In-Band Emission Plot MIMO ANT1 (40MHz BW 802.11ax/be (Full Tone) (UNII Band 8) - Ch. 211) - LPI

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 221 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 221 01 310
© 2024 ELEMENT			V 9.0 02/01/2019





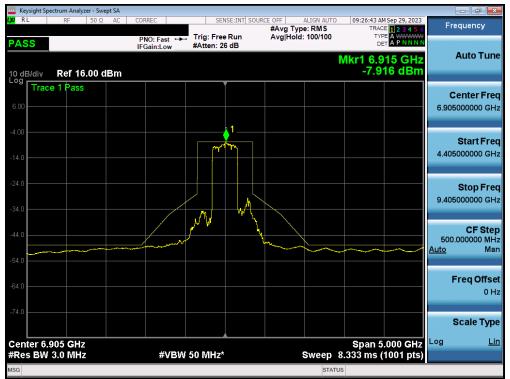
Plot 7-338. In-Band Emission Plot MIMO ANT1 (80MHz BW 802.11ax/be (Full Tone) (UNII Band 8) - Ch. 199) - LPI



Plot 7-339. In-Band Emission Plot MIMO ANT1 (160MHz BW 802.11ax/be (Full Tone) (UNII Band 8) - Ch. 207) - LPI

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 222 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 222 01 316
© 2024 ELEMENT			V 9 0 02/01/2019



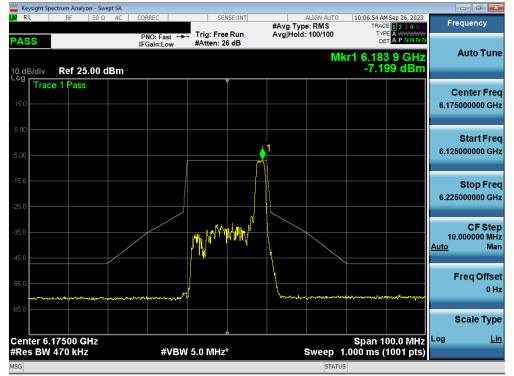


Plot 7-340. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 8) - Ch. 191) - LPI

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 223 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 223 01 316
© 2024 ELEMENT		·	V 9.0 02/01/2019



7.5.3 MIMO Antenna-2 In-Band Emission - (Partial Tones) – (UNII Band 5)



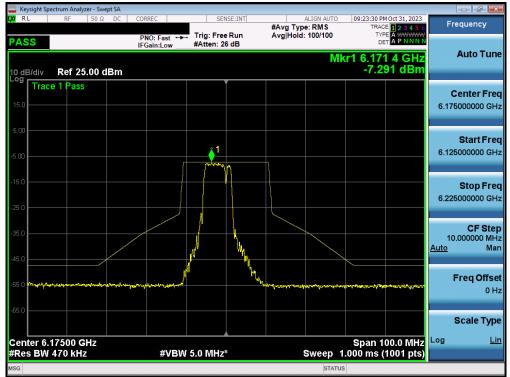
Plot 7-341. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 5) - Ch. 45) - LPI



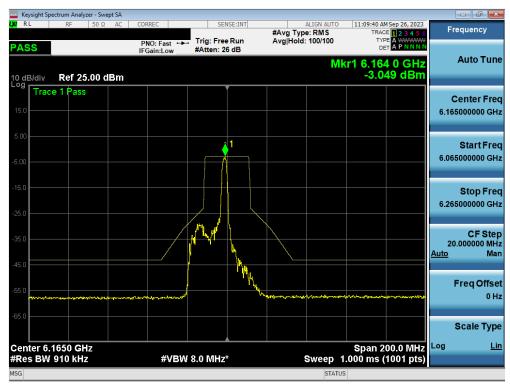
Plot 7-342. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax/be (MRU) (UNII Band 5) - Ch. 2) - LPI - 106+26T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 224 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 224 01 510
© 2024 ELEMENT			V 9.0 02/01/2019





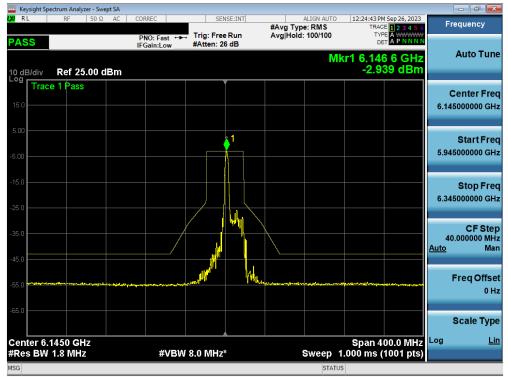
Plot 7-343. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax/be (MRU) (UNII Band 5) - Ch. 45) - LPI - 52+26T



Plot 7-344. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 5) - Ch. 43) - LPI

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 225 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 225 01 316
© 2024 ELEMENT		·	V 9.0 02/01/2019





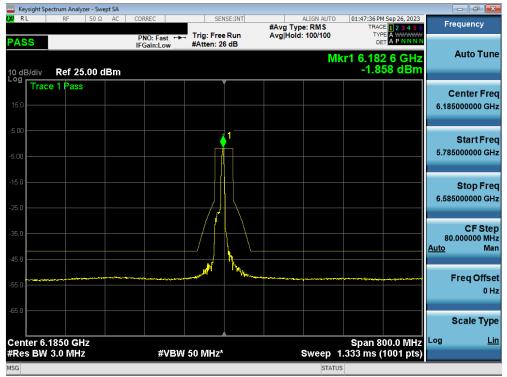
Plot 7-345. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 5) - Ch. 39) - LPI



Plot 7-346. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax/be (MRU) (UNII Band 5) - Ch. 39) - LPI - 484+242T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 226 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 226 01 316
© 2024 ELEMENT	<u>.</u>	·	V 9.0 02/01/2019





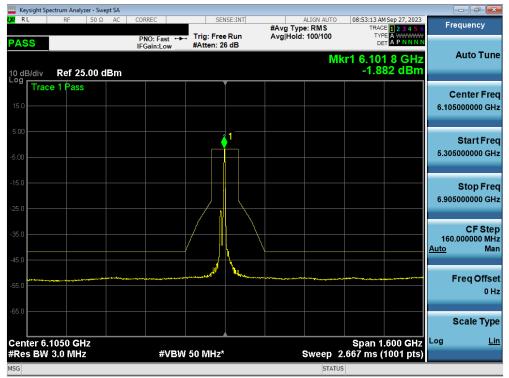
Plot 7-347. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 5) - Ch. 47) - LPI



Plot 7-348. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax/be (MRU) (UNII Band 5) - Ch. 15) - LPI - 996+484T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 227 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 227 01318
© 2024 ELEMENT	•	·	V 9.0 02/01/2019





Plot 7-349. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 5) - Ch. 31) - LPI



Plot 7-350. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 5) - Ch. 31) - LPI - 2x996+484T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 228 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 226 01 316
© 2024 ELEMENT			V 9.0 02/01/2019





Plot 7-351. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 5) - Ch. 31) - LPI - 3x996T



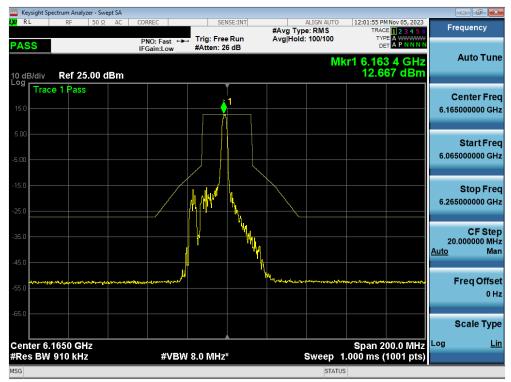
Plot 7-352. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 5) - Ch. 31) - LPI - 3x996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 229 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 229 01 318
© 2024 ELEMENT	<u>.</u>		V 9.0 02/01/2019





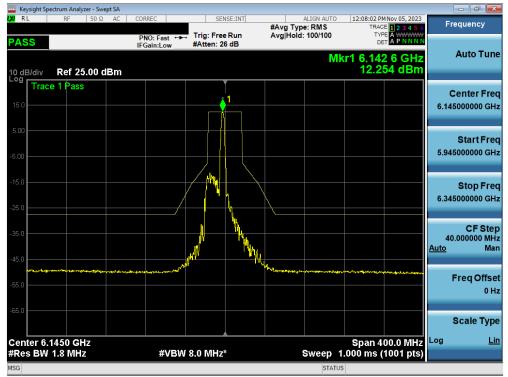
Plot 7-353. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 5) - Ch. 45) - SP



Plot 7-354. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 5) - Ch. 43) - SP

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 230 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 230 01 318
© 2024 ELEMENT	· · ·	·	V 9.0 02/01/2019





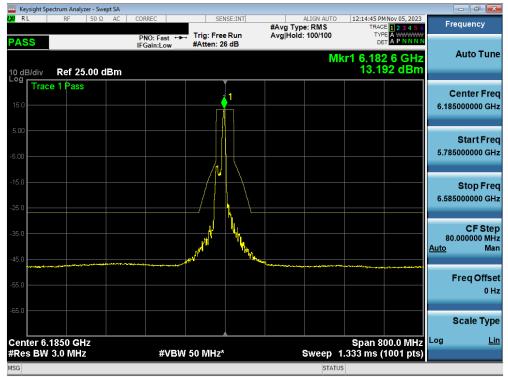
Plot 7-355. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 5) - Ch. 39) - SP



Plot 7-356. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax/be (MRU) (UNII Band 5) - Ch. 7) - SP - 484+242T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 231 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 231 01 310
© 2024 ELEMENT	·	·	V 9.0 02/01/2019





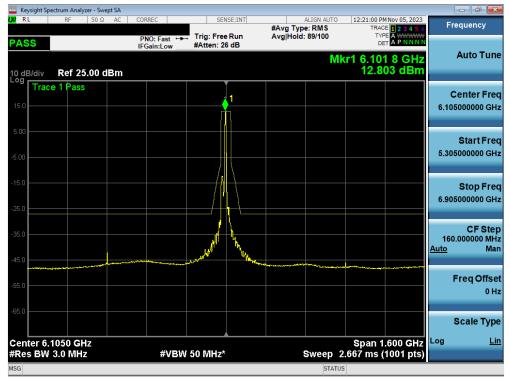
Plot 7-357. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 5) - Ch. 47) - SP



Plot 7-358. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax/be (MRU) (UNII Band 5) - Ch. 47) - SP - 996+484T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 232 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 232 01 316
© 2024 ELEMENT		·	V 9.0 02/01/2019





Plot 7-359. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 5) - Ch. 31) - SP



Plot 7-360. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 5) - Ch. 31) - SP - 2x996+484T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 233 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 233 01 310
© 2024 ELEMENT			V 9.0 02/01/2019





Plot 7-361. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 5) - Ch. 31) - SP - 3x996T

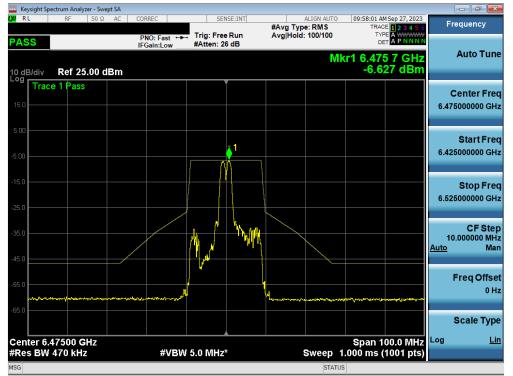


Plot 7-362. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 5) - Ch. 31) - SP - 3x996+484T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 234 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 234 01 318
© 2024 ELEMENT		·	V 9.0 02/01/2019



MIMO Antenna-1 In-Band Emission - (Partial Tones) - (UNII Band 6)



Plot 7-363. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 6) - Ch. 105) - LPI



Plot 7-364. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax/be (MRU) (UNII Band 6) - Ch. 105) - LPI - 106+26T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 235 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 235 01 516
© 2024 ELEMENT	·		V 9.0 02/01/2019

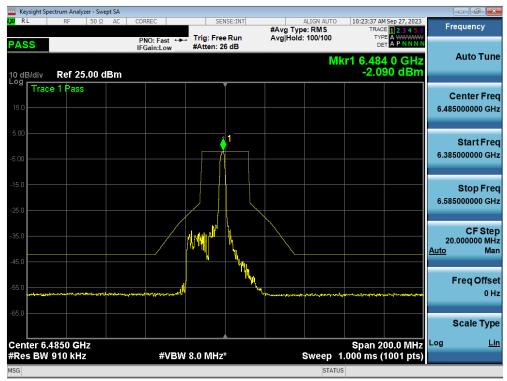
© 2024 ELEMENT

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.





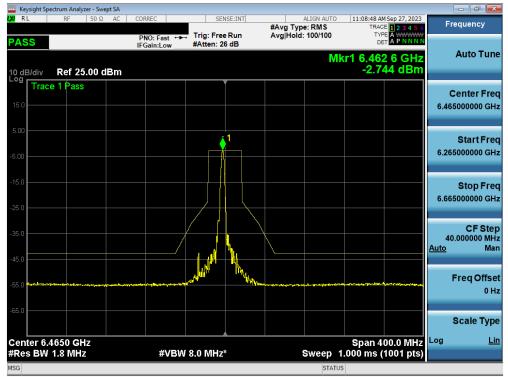
Plot 7-365. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax/be (MRU) (UNII Band 6) - Ch. 105) - LPI - 52+26T



Plot 7-366. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 6) - Ch. 107) - LPI

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 236 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 230 01 310
© 2024 ELEMENT	•	·	V 9.0 02/01/2019





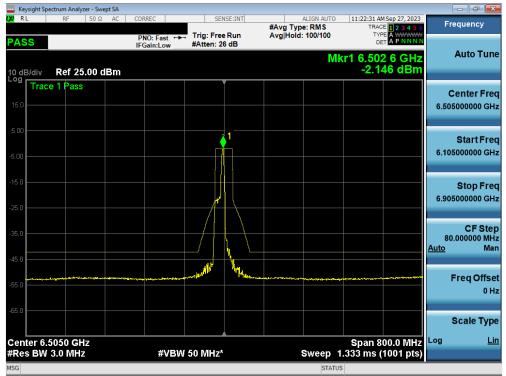
Plot 7-367. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 6) - Ch. 103) - LPI



Plot 7-368. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax/be (MRU) (UNII Band 6) - Ch. 103) - LPI - 484+242T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 237 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 237 01318
© 2024 ELEMENT		·	V 9.0 02/01/2019





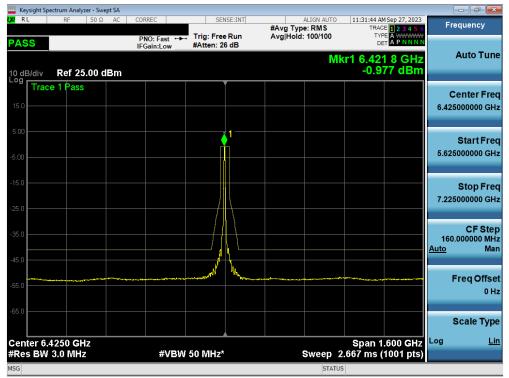
Plot 7-369. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 6) - Ch. 111) - LPI



Plot 7-370. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax/be (MRU) (UNII Band 6) - Ch. 111) - LPI - 996+484T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Dago 229 of 216
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Page 238 of 316
© 2024 ELEMENT			





Plot 7-371. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 5/6/7) - Ch. 95) - LPI



Plot 7-372. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 5/6/7) - Ch. 95) - LPI - 2x996+484T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 239 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 239 01 310
© 2024 ELEMENT		÷	V 9.0 02/01/2019





Plot 7-373. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 5/6/7) - Ch. 95) - LPI - 3x996T

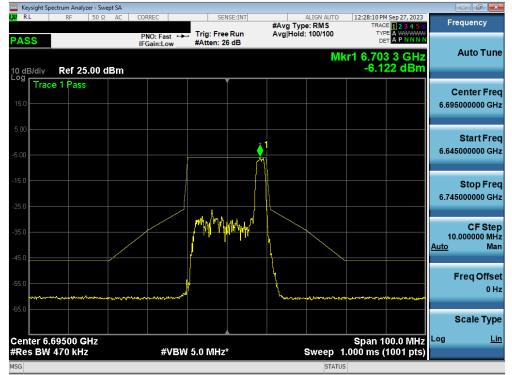


Plot 7-374. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 5/6/7) - Ch. 95) - LPI - 3x996+484T

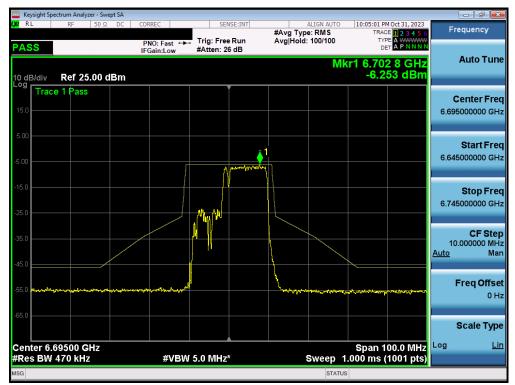
FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 240 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 240 01 318
© 2024 ELEMENT V 9.0 02/01/2019			



MIMO Antenna-1 In-Band Emission - (Partial Tones) - (UNII Band 7)



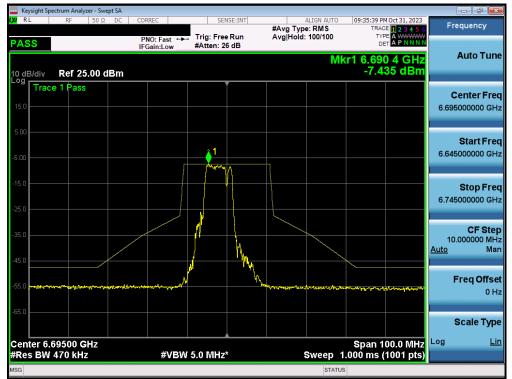
Plot 7-375. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 7) - Ch. 149) - LPI



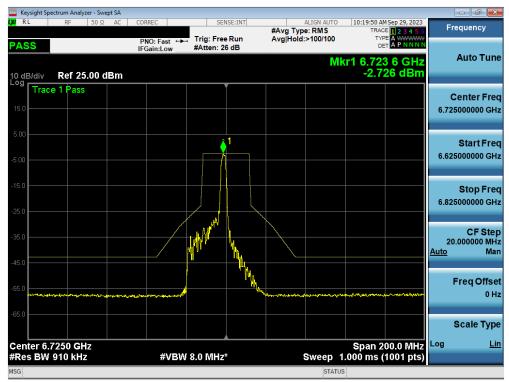
Plot 7-376. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax/be (MRU) (UNII Band 7) - Ch. 149) - LPI - 106+26T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 241 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Page 241 01 510
© 2024 ELEMENT			V 9.0 02/01/2019





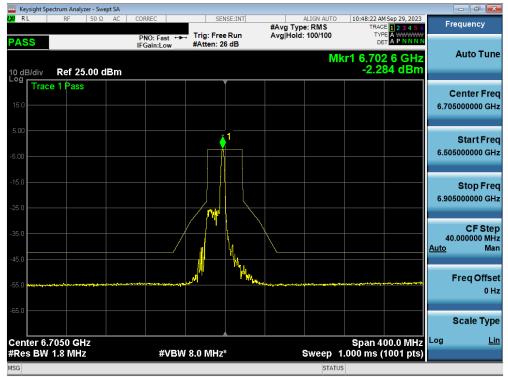
Plot 7-377. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax/be (MRU) (UNII Band 7) - Ch. 149) - LPI - 52+26T



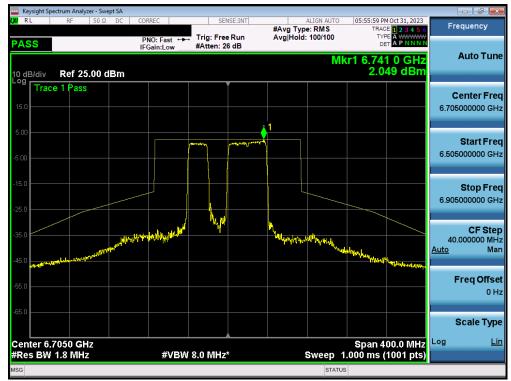
Plot 7-378. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 7) - Ch. 155) - LPI

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 242 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 242 01 310
© 2024 ELEMENT V 9.0 02/01/2019			





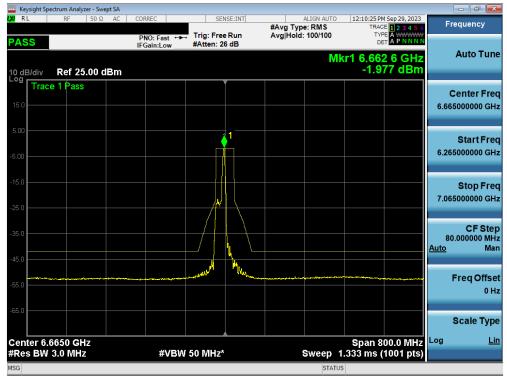
Plot 7-379. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 7) - Ch. 151) - LPI



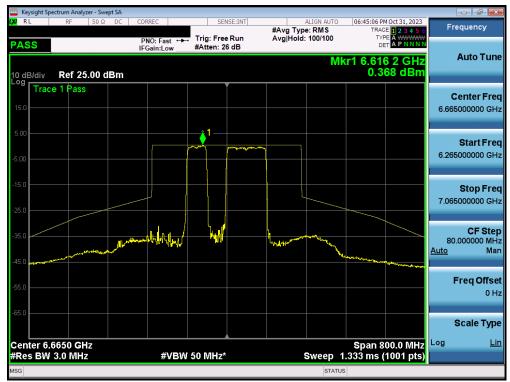
Plot 7-380. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax/be (MRU) (UNII Band 7) - Ch. 151) - LPI - 484+242T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 243 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 243 01 316
© 2024 ELEMENT		· · ·	V 9.0 02/01/2019





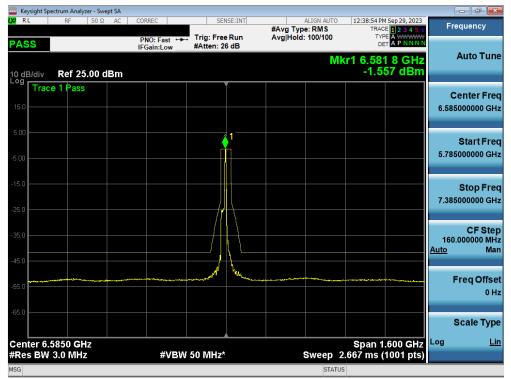
Plot 7-381. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 7) - Ch. 143) - LPI



Plot 7-382. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax/be (MRU) (UNII Band 7) - Ch. 143) - LPI - 996+484T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT		
Test Report S/N:	Test Dates:	EUT Type:	Page 244 of 316	
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 244 01 318	
© 2024 ELEMENT V 9.0 02/01/2019				





Plot 7-383. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 6/7) - Ch. 127) - LPI



Plot 7-384. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 6/7) - Ch. 159) - LPI - 2x996+484T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT		
Test Report S/N:	Test Dates:	EUT Type:	Page 245 of 316	
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 245 01 318	
© 2024 ELEMENT V 9.0 02/01/2019				





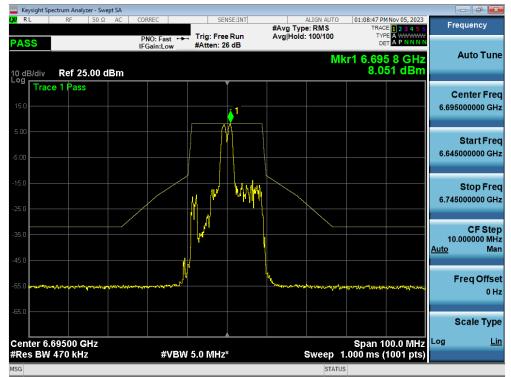
Plot 7-385. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 6/7) - Ch. 127) - LPI - 3x996T



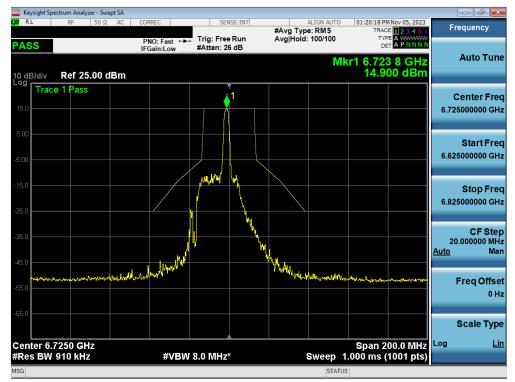
Plot 7-386. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 6/7) - Ch. 127) - LPI - 3x996+484T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 246 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 246 01 316
© 2024 ELEMENT	•	·	V 9.0 02/01/2019





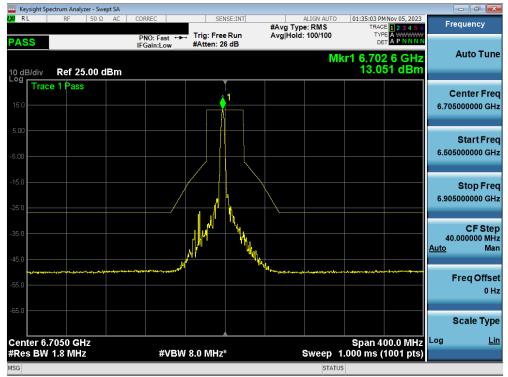
Plot 7-387. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 7) - Ch. 149) - SP



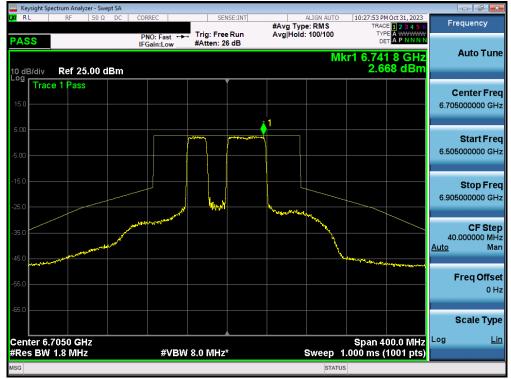
Plot 7-388. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 7) - Ch. 155) - SP

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 247 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 247 01 316
© 2024 ELEMENT V 9.0 02/01/2019			





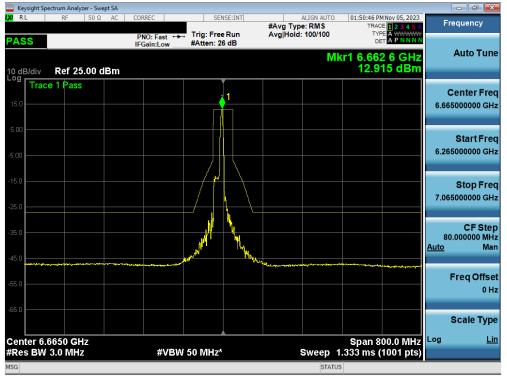
Plot 7-389. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 7) - Ch. 151) - SP



Plot 7-390. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax/be (MRU) (UNII Band 7) - Ch. 151) - SP - 484+242T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 248 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 246 01 316
© 2024 ELEMENT		÷	V 9.0 02/01/2019





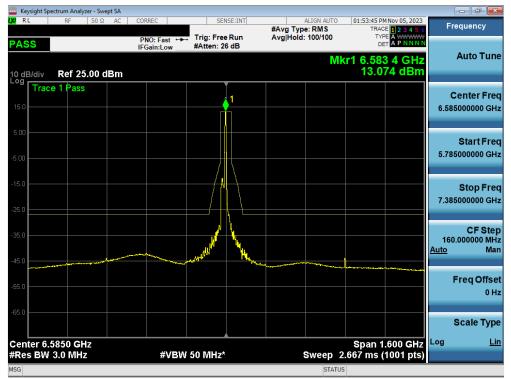
Plot 7-391. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 7) - Ch. 143) - SP



Plot 7-392. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax/be (MRU) (UNII Band 7) - Ch. 143) - SP - 996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 249 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 249 01 310
© 2024 ELEMENT			V 9.0 02/01/2019





Plot 7-393. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 6/7) - Ch. 127) - SP



Plot 7-394. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 7) - Ch. 159) - SP - 2x996+484T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 250 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 250 01 316
© 2024 ELEMENT		·	V 9.0 02/01/2019





Plot 7-395. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 7) - Ch. 159) - SP - 3x996T

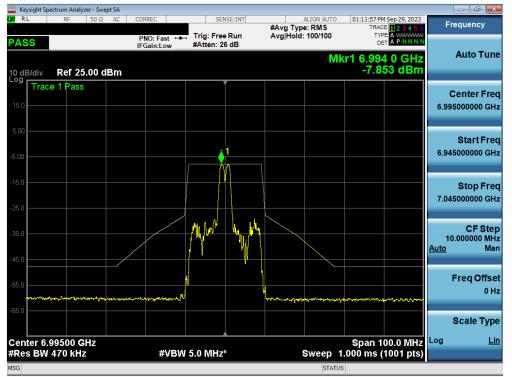


Plot 7-396. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 7) - Ch. 159) - SP - 3x996+484T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 251 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 251 01 516
© 2024 ELEMENT		·	V 9.0 02/01/2019



MIMO Antenna-1 In-Band Emission - (Partial Tones) - (UNII Band 8)



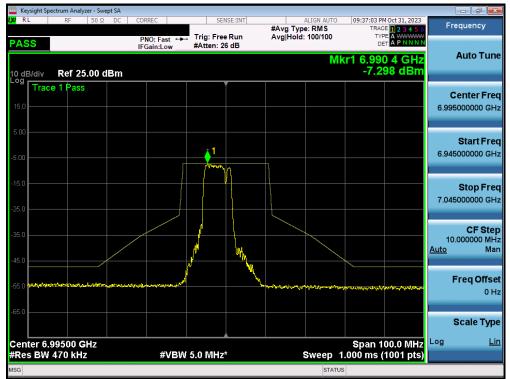
Plot 7-397. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 8) - Ch. 209) - LPI



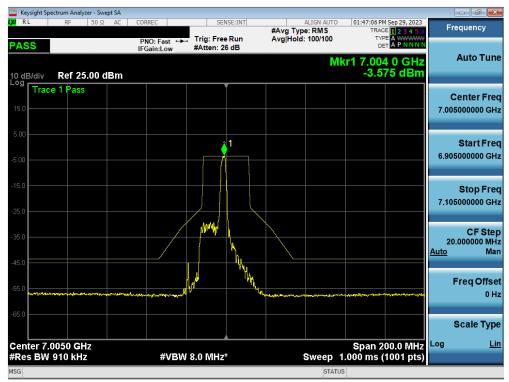
Plot 7-398. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax/be (MRU) (UNII Band 8) - Ch. 233) - LPI - 106+26T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT		
Test Report S/N:	Test Dates:	EUT Type:	Page 252 of 316	
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 252 01 510	
© 2024 ELEMENT V 9.0 02/01/201				





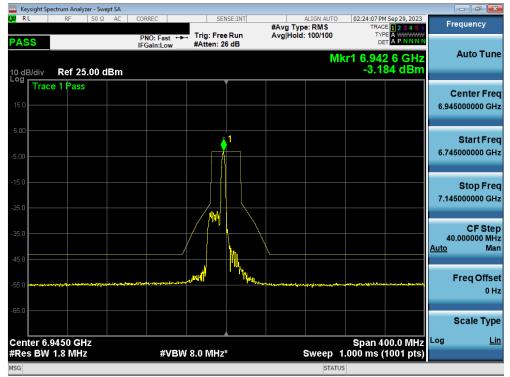
Plot 7-399. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax/be (MRU) (UNII Band 8) - Ch. 209) - LPI - 52+26T



Plot 7-400. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 8) - Ch. 211) - LPI

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 253 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 255 01 516
© 2024 ELEMENT			V 9.0 02/01/2019





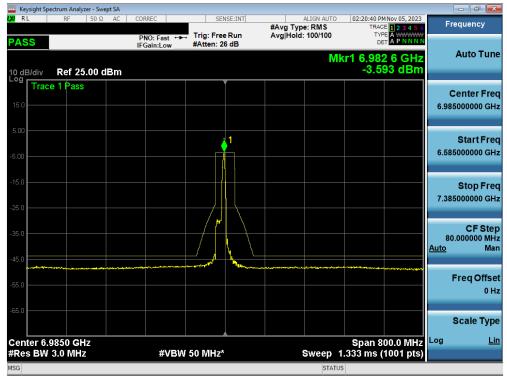
Plot 7-401. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 8) - Ch. 199) - LPI



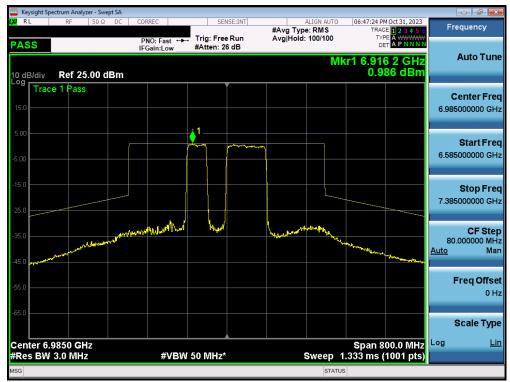
Plot 7-402. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax/be (MRU) (UNII Band 8) - Ch. 215) - LPI - 484+242T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 254 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 234 01 318
© 2024 ELEMENT		·	V 9.0 02/01/2019





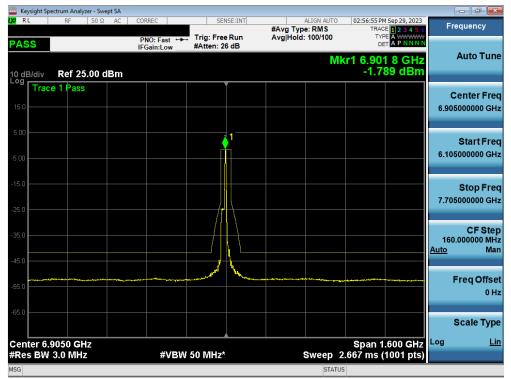
Plot 7-403. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 8) - Ch. 207) - LPI



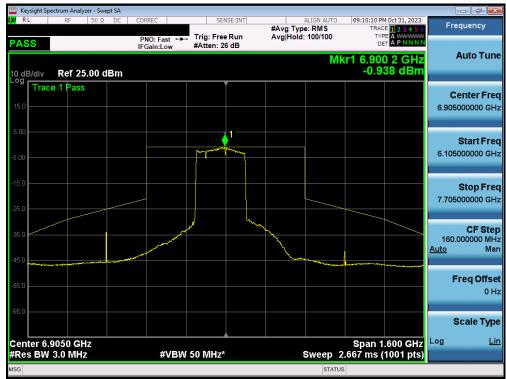
Plot 7-404. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax/be (MRU) (UNII Band 8) - Ch. 207) - LPI - 966+484T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 255 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 255 01 516
© 2024 ELEMENT	•	·	V 9.0 02/01/2019





Plot 7-405. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 7/8) - Ch. 191) - LPI



Plot 7-406. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 7/8) - Ch. 191) - LPI - 2x996+484T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 256 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 256 01 516
© 2024 ELEMENT			V 9.0 02/01/2019





Plot 7-407. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 7/8) - Ch. 191) - LPI - 3x996T

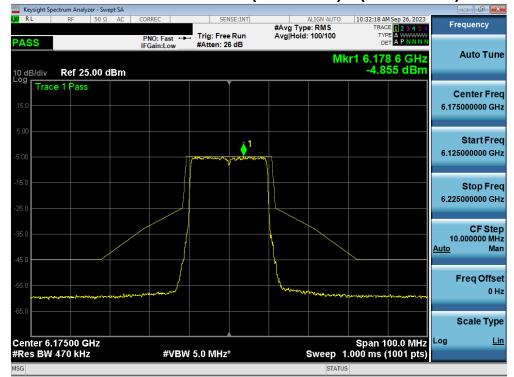


Plot 7-408. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 7/8) - Ch. 191) - LPI - 3x996+484T

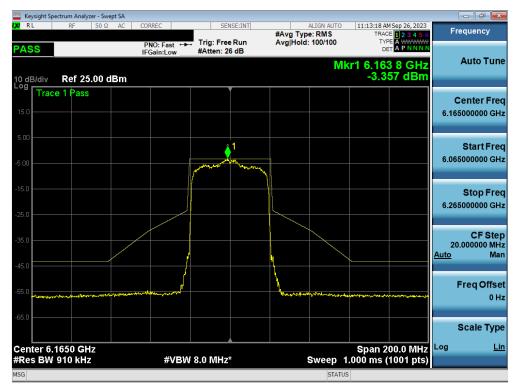
FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 257 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 257 01318
© 2024 ELEMENT	•	·	V 9.0 02/01/2019



7.5.4 MIMO Antenna-2 In-Band Emission - (Full Tones) – (UNII Band 5)



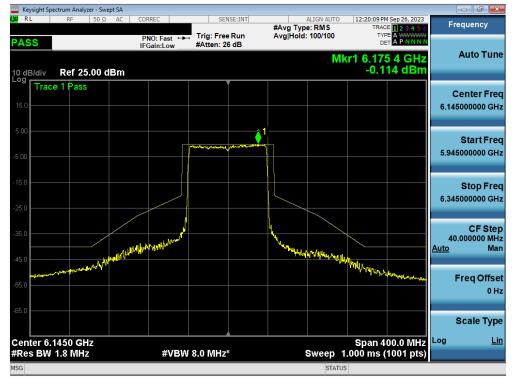
Plot 7-409. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax/be (Full Tone) (UNII Band 5) - Ch. 45) - LPI



Plot 7-410. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax/be (Full Tone) (UNII Band 5) - Ch. 43) - LPI

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 258 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 256 01 510
© 2024 ELEMENT	•	·	V 9.0 02/01/2019





Plot 7-411. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax/be (Full Tone) (UNII Band 5) - Ch. 39) - LPI



Plot 7-412. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax/be (Full Tone) (UNII Band 5) - Ch. 47) - LPI

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 259 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Page 259 01 510
© 2024 ELEMENT	•	·	V 9.0 02/01/2019



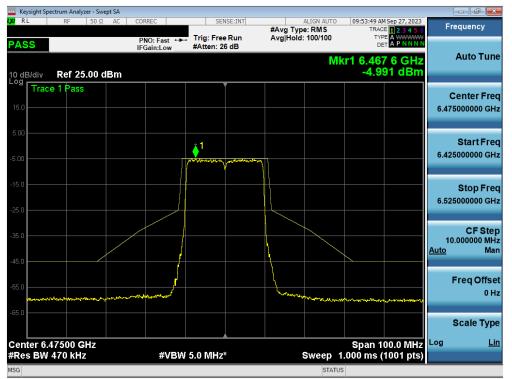


Plot 7-413. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 5) - Ch. 31) - LPI

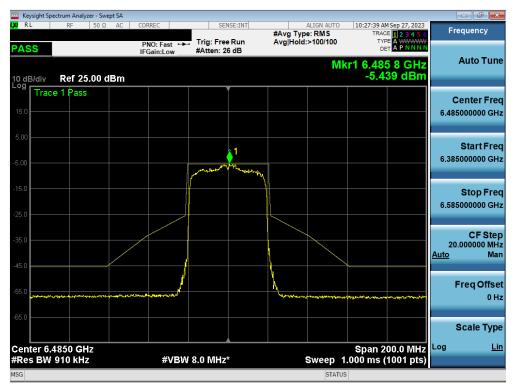
FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 260 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 200 01 310
© 2024 ELEMENT	<u>.</u>	· · ·	V 9.0 02/01/2019



MIMO Antenna-2 In-Band Emission - (Full Tones) - (UNII Band 6)



Plot 7-414. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax/be (Full Tone) (UNII Band 6) - Ch. 105) - LPI

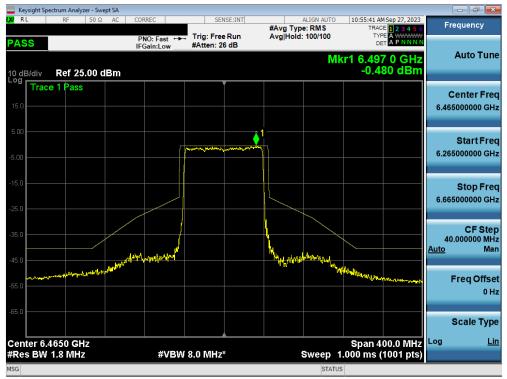


Plot 7-415. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax/be (Full Tone) (UNII Band 6) - Ch. 107) - LPI

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT		
Test Report S/N:	Test Dates:	EUT Type:	Page 261 of 316	
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 201 01 310	
© 2024 ELEMENT V 9.0 02/01/201				

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.





Plot 7-416. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax/be (Full Tone) (UNII Band 6) - Ch. 103) - LPI



Plot 7-417. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax/be (Full Tone) (UNII Band 6) - Ch. 111) - LPI

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT			
Test Report S/N:	Test Dates:	est Dates: EUT Type:			
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	9/6/2023 - 11/06/2023 Portable Handset			
© 2024 ELEMENT		·	V 9.0 02/01/2019		





Plot 7-418. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 5/6/7) - Ch. 95) - LPI

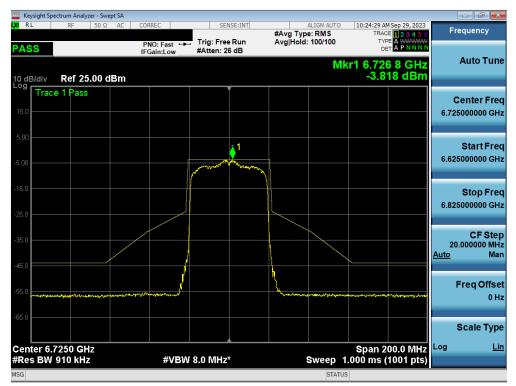
FCC ID: A3LSMS928JPN		MEASUREMENT REPORT			
Test Report S/N:	Test Dates:	EUT Type:	Page 263 of 316		
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	/2023 - 11/06/2023 Portable Handset			
© 2024 ELEMENT		· · ·	V 9.0 02/01/2019		



MIMO Antenna-2 In-Band Emission - (Full Tones) - (UNII Band 7)



Plot 7-419. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax/be (Full Tone) (UNII Band 7) - Ch. 149) - LPI

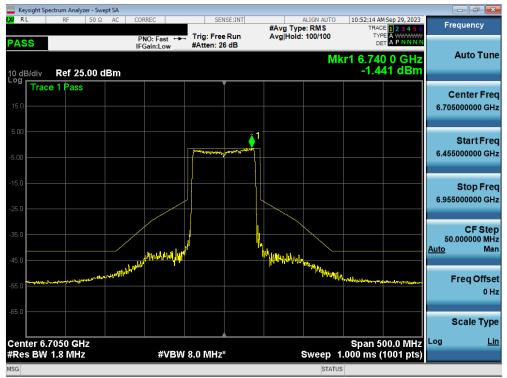


Plot 7-420. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax/be (Full Tone) (UNII Band 7) - Ch. 155) - LPI

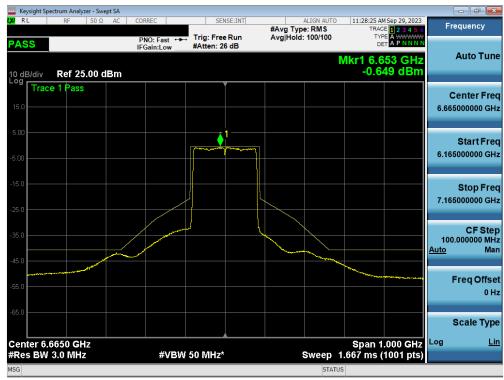
FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 264 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	9/6/2023 - 11/06/2023 Portable Handset	
© 2024 ELEMENT		· · · ·	V 9.0 02/01/2019

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.





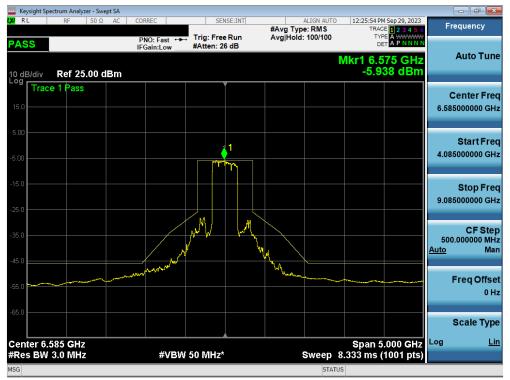
Plot 7-421. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax/be (Full Tone) (UNII Band 7) - Ch. 151) - LPI



Plot 7-422. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax/be (Full Tone) (UNII Band 7) - Ch. 143) - LPI

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT			
Test Report S/N:	Test Dates:	Test Dates: EUT Type:			
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Page 265 of 316			
© 2024 ELEMENT	•		V 9.0 02/01/2019		



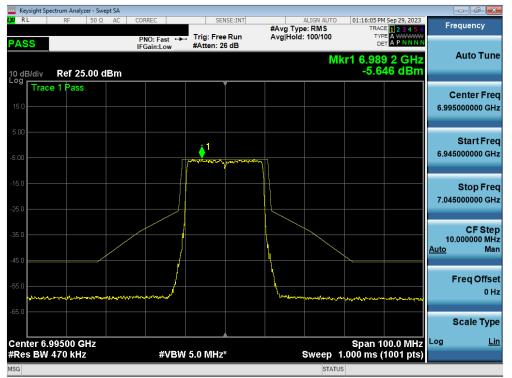


Plot 7-423. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 6/7) - Ch. 127) - LPI

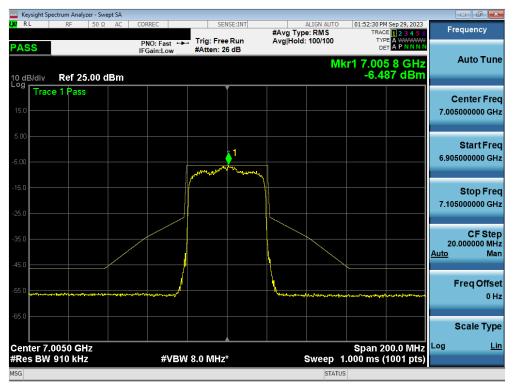
FCC ID: A3LSMS928JPN		MEASUREMENT REPORT			
Test Report S/N:	Test Dates:	Test Dates: EUT Type:			
1M2312110124-19-R1.A3L	R1.A3L 9/6/2023 - 11/06/2023 Portable Handset		Page 266 of 316		
© 2024 ELEMENT	·	· · ·	V 9.0 02/01/2019		



MIMO Antenna-2 In-Band Emission - (Full Tones) - (UNII Band 8)



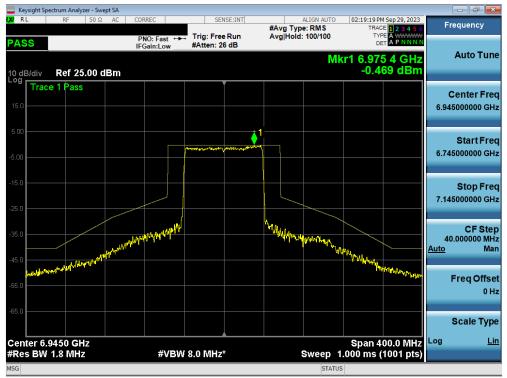
Plot 7-424. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax/be (Full Tone) (UNII Band 8) - Ch. 209) - LPI



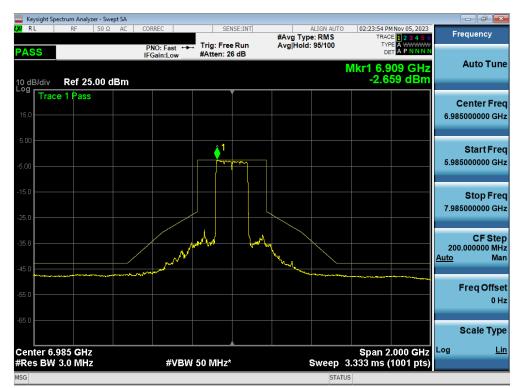
Plot 7-425. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax/be (Full Tone) (UNII Band 8) - Ch. 211) - LPI

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT			
Test Report S/N:	Test Dates:				
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023				
© 2024 ELEMENT	·	·	V 9.0 02/01/2019		





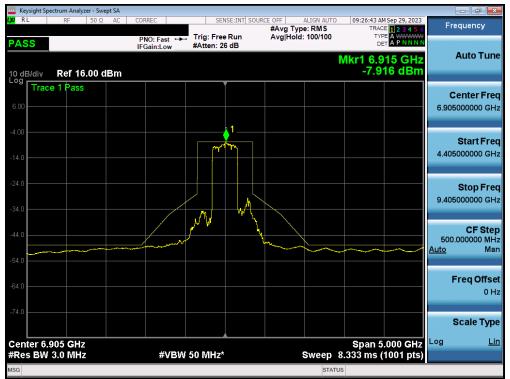
Plot 7-426. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax/be (Full Tone) (UNII Band 8) - Ch. 199) - LPI



Plot 7-427. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax/be (Full Tone) (UNII Band 8) - Ch. 207) - LPI

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT			
Test Report S/N:	Test Dates:	EUT Type:	Page 268 of 316		
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 200 01 3 10		
© 2024 ELEMENT	V 9.0 02/01/2019				





Plot 7-428. In-Band Emission Plot MIMO ANT2 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 8) - Ch. 191) - LPI

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT			
Test Report S/N:	Test Dates:	Test Dates: EUT Type:			
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	9/6/2023 - 11/06/2023 Portable Handset			
© 2024 ELEMENT		·	V 9.0 02/01/2019		



Contention Based Protocol

Test Overview and Limit

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed indoor low-power devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel if detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.

To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel.

Test Procedure Used

KDB 987594 D02 v01r01

Test Settings

- 1. Configure the EUT to transmit with a constant duty cycle.
- 2. Set the operating parameters of the EUT including power level, operating frequency, modulation, and bandwidth.
- 3. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
- 4. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
- 5. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
- 6. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in Figure 2.
- 7. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
- 8. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
- 9. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
- 10. Refer to Table 1 of KDB 987594 D02 v01r01 to determine the number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal, and repeat the process.

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT			
Test Report S/N:	Test Dates:	EUT Type:	Page 270 of 316		
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	9/6/2023 - 11/06/2023 Portable Handset			
© 2024 ELEMENT	·	· · ·	V 9.0 02/01/2019		

^{© 2024} ELEMENT

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com



Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

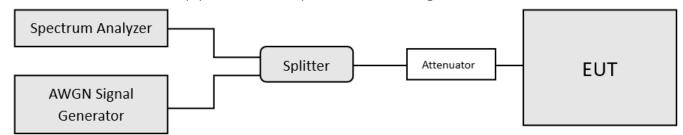


Figure 7-5. Contention-based protocol test setup, conducted method

Test Notes

- Per guidance from KDB 987594 D02 v01r01, contention based protocol was tested using an AWGN signal with a bandwidth of 10MHz (see Plot 7-428). The amplitude of the signal was increased until detected by the EUT, signaled by the ceasing of transmission (see Plot 7-429), M1 indicates the point at which the AWGN signal is introduced. D1 indicates where the AWGN signal is terminated, at least 10 seconds following M1.
- 2. 15 trials were run in order to ensure certainty of 90%
- 3. Per Guidance from KDB 987594 D04 v01, contention based protocol was tested with receiver with the lowest antenna gain.
- 4. All CBP Timing Plots shown are for the ceased condition. Some spikes that may be shown are from adjacent portions of the spectrum that are still transmitting.
- 5. In the presence of an AWGN signal, the EUT was shown to completely move out of the channel for the purpose of incumbent avoidance. Representative channel move plots are included for one sub-band to show how the channel reduces when the AWGN is injected at the lower edge, the center, and the upper edge of a channel.
- 6. For the channel move demonstration in Section 7.6.3, only plots from UNII-5 band are included. Additionally, the AWGN signal is not visible because the AWGN level is well below the noise floor.

Detection Level = Injected AWGN Power (dBm) – Antenna Gain (dBi) + Path Loss (dB)

Equation 7-1. Detection Level Calculation

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT			
Test Report S/N:	Test Dates:	EUT Type:	Page 271 of 316		
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	0/6/2023 - 11/06/2023 Portable Handset			
© 2024 ELEMENT	· · · ·		V 9.0 02/01/2019		



Band	Channel	Channel Freq [MHz]	Channel BW [MHz]	Incumbent Freq [MHz]	Injected (AWGN) [dBm]	Antenna Gain [dBi]	Adjusted Power Level [dBm]	Detection Limit [dBm]	Margin [dB]
	53	6215	20	6215	-84.41	-6.22	-78.19	-62.0	-16.19
UNII				6110	-83.29	-6.22	-77.07	-62.0	-15.07
Band 5	31	6265	320	6265	-79.92	-6.22	-73.70	-62.0	-11.70
				6420	-80.96	-6.22	-74.74	-62.0	-12.74
	101	6455	20	6455	-82.29	-6.52	-75.77	-62.0	-13.77
UNII				6270	-84.71	-6.52	-78.19	-62.0	-16.19
Band 6	95	6425	320	6425	-77.76	-6.52	-71.24	-62.0	-9.24
				6580	-83.55	-6.52	-77.03	-62.0	-15.03
	149	6695	20	6695	-69.63	-7.11	-62.52	-62.0	-0.52
UNII				6590	-86.12	-7.11	-79.01	-62.0	-17.01
Band 7	159	6745	320	6745	-70.49	-7.11	-63.38	-62.0	-1.38
				6900	-81.92	-7.11	-74.81	-62.0	-12.81
	197	6935	20	6935	-78.23	-8.41	-69.82	-62.0	-7.82
UNII				6750	-87.47	-8.41	-79.06	-62.0	-17.06
Band 8	191	6905	320	6905	-78.36	-8.41	-69.95	-62.0	-7.95
				7060	-82.30	-8.41	-73.89	-62.0	-11.89

Table 7-54. Contention Based Protocol – Incumbent Detection Results

						EUT Transmission Status Adjusted AWGN Power (dBm)				
Band	Channel	Channel Freq [MHz]	Channel BW [MHz]	Incumbent Freq [MHz]	Antenna Gain [dBi]	Normal	Minimal	Ceased	Detection Limit [dBm]	Margin [dB]
	53	6215	20	6215	-6.22	-80.65	-79.66	-78.19	-62.0	-16.19
UNII				6190	-6.22	-78.72	-78.56	-77.07	-62.0	-15.07
Band 5	31	6265	320	6265	-6.22	-75.97	-75.42	-73.70	-62.0	-11.70
				6340	-6.22	-77.21	-76.71	-74.74	-62.0	-12.74
	101	6455	20	6455	-6.52	-77.48	-76.08	-75.77	-62.0	-13.77
UNII				6350	-6.52	-81.00	-80.05	-78.19	-62.0	-16.19
Band 6	95	6425	320	6425	-6.52	-73.41	-72.43	-71.24	-62.0	-9.24
				6500	-6.52	-78.47	-77.11	-77.03	-62.0	-15.03
	149	6695	20	6695	-7.11	-64.98	-64.07	-62.52	-62.0	-0.52
UNII				6670	-7.11	-81.26	-79.56	-79.01	-62.0	-17.01
Band 7	159	6745	320	6745	-7.11	-65.16	-65.02	-63.38	-62.0	-1.38
				6820	-7.11	-76.50	-75.73	-74.81	-62.0	-12.81
	197	6935	20	6935	-8.41	-70.84	-70.64	-69.82	-62.0	-7.82
UNII				6830	-8.41	-81.17	-79.30	-79.06	-62.0	-17.06
Band 8	191	6905	320	6905	-8.41	-70.76	-70.14	-69.95	-62.0	-7.95
				6980	-8.41	-75.49	-75.34	-73.89	-62.0	-11.89

Table 7-55. Contention Based Protocol – Detection Results – All Tx Cases

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT			
Test Report S/N:	Test Dates:	EUT Type:	Page 272 of 316		
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 272 01 310		
© 2024 ELEMENT		·	V 0 0 02/01/2010		



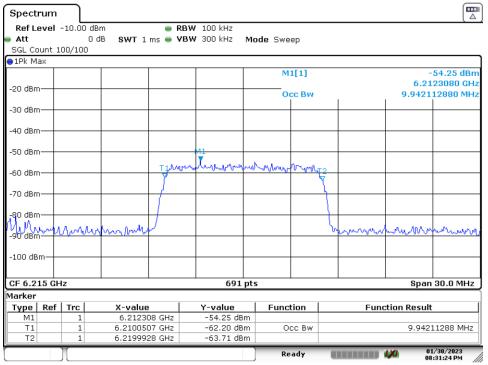
Band	Channel	Channel Freq [MHz]	Channel BW [MHz]	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Detection Rate (%)
	53	6215	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
UNII				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
Band 5	31	6265	320	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
	101	6455	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
UNII				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
Band 6	95	6425	320	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
	149	6695	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
UNII				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
Band 7	159	6745	320	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
	197	6935	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
UNII				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
Band 8	191	6905	320	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100

Table 7-56. Contention Based Protocol – Incumbent Detection Trial Results

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 273 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 273 01 310
© 2024 ELEMENT			V 0 0 02/01/2010



7.6.1 AWGN Plots



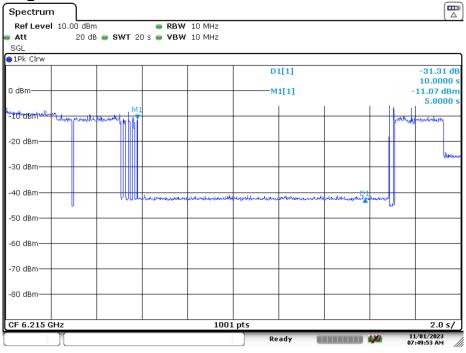
Date: 30.JAN.2023 20:31:24

Plot 7-429. AWGN Signal (Demonstration)

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 274 of 316
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 274 01 316
© 2024 ELEMENT	<u>.</u>	÷	V 9.0 02/01/2019

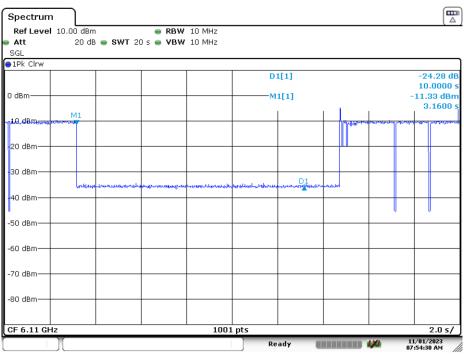


7.6.2 CBP Timing Plots



Date: 1.NOV.2023 07:49:53



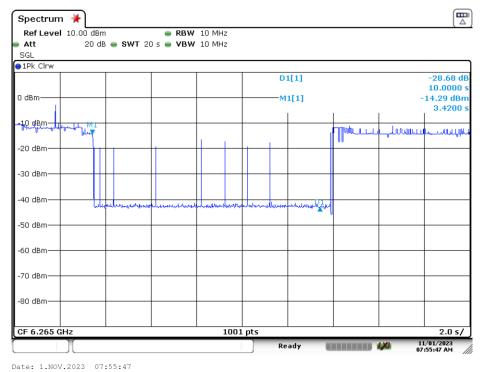


Date: 1.NOV.2023 07:54:30

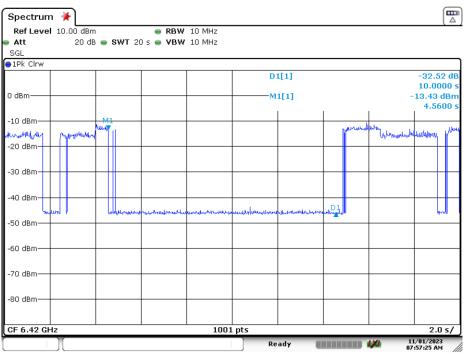
Plot 7-431. Contention Based Protocol Timing Plot (320MHz (UNII Band 5) - Ch. 31 Low)

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT					
Test Report S/N:	Test Dates:	EUT Type:	Page 275 of 316				
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 275 01 310				
© 2024 ELEMENT		·	V 9.0 02/01/2019				









Date: 1.NOV.2023 07:57:25



FCC ID: A3LSMS928JPN		MEASUREMENT REPORT			
Test Report S/N:	Test Dates:	EUT Type:	Page 276 of 316		
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset	Fage 276 01 316		
© 2024 ELEMENT	·	·	V 9.0 02/01/2019		