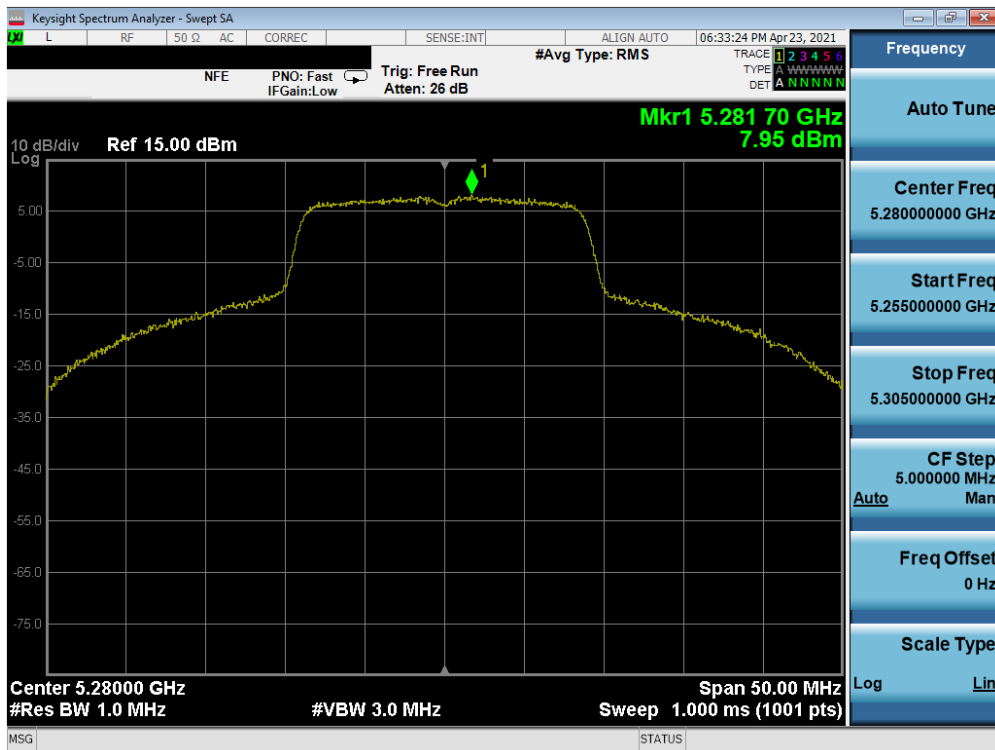
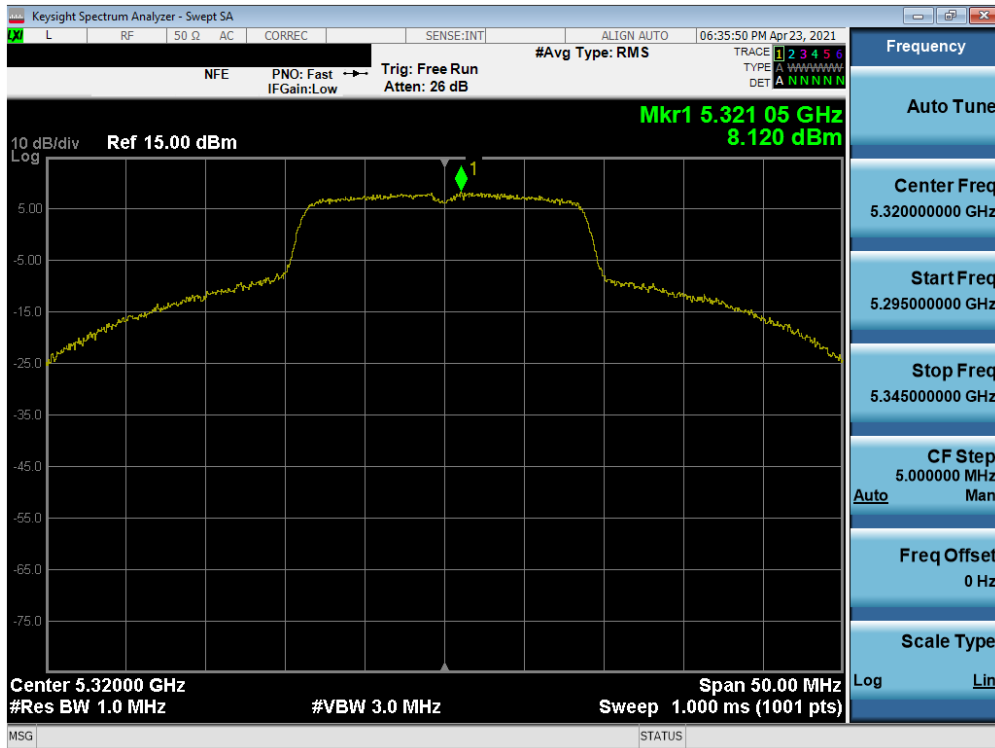


Plot 7-349. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2A) – Ch. 52)

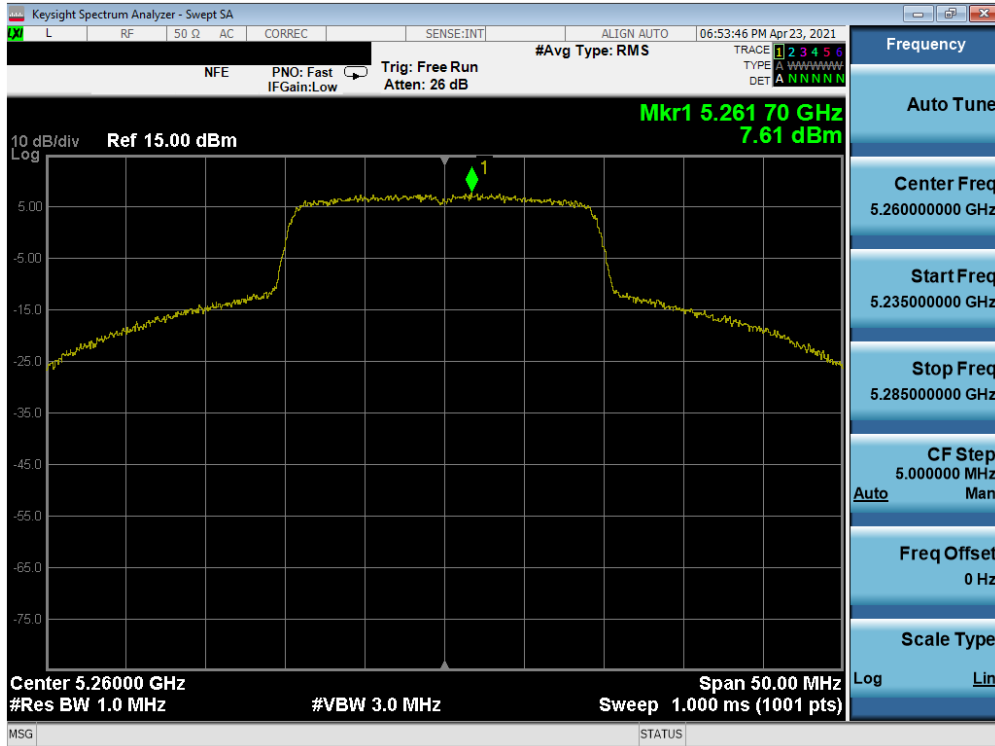


Plot 7-350. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2A) – Ch. 56)

FCC ID: A3LSMF711U	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 215 of 509

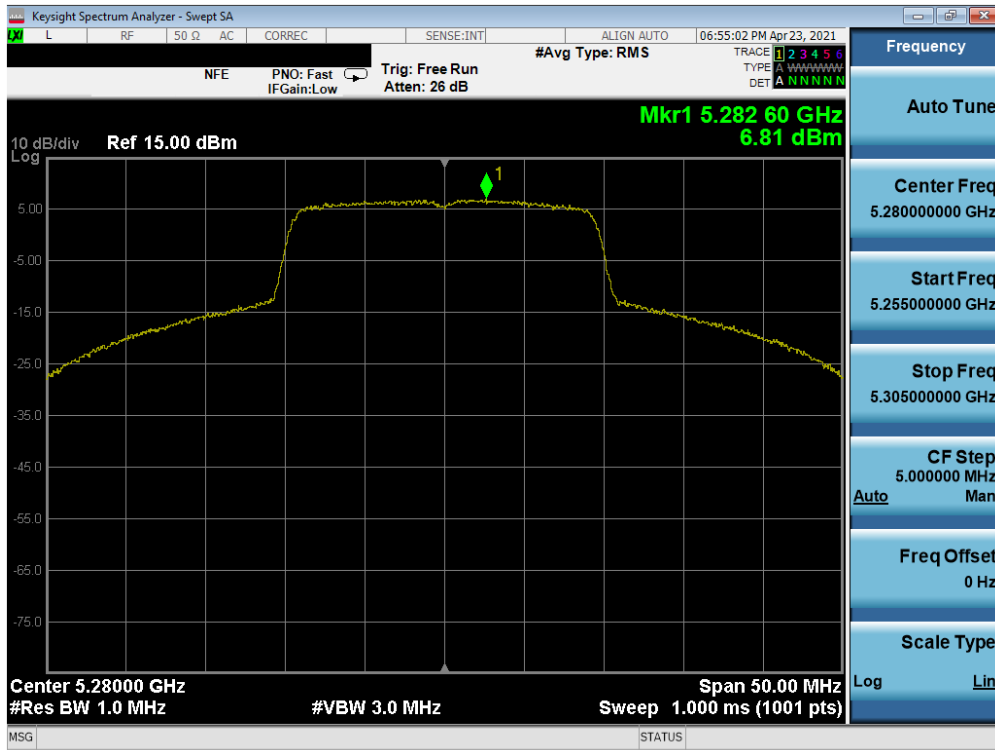


Plot 7-351. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2A) – Ch. 64)

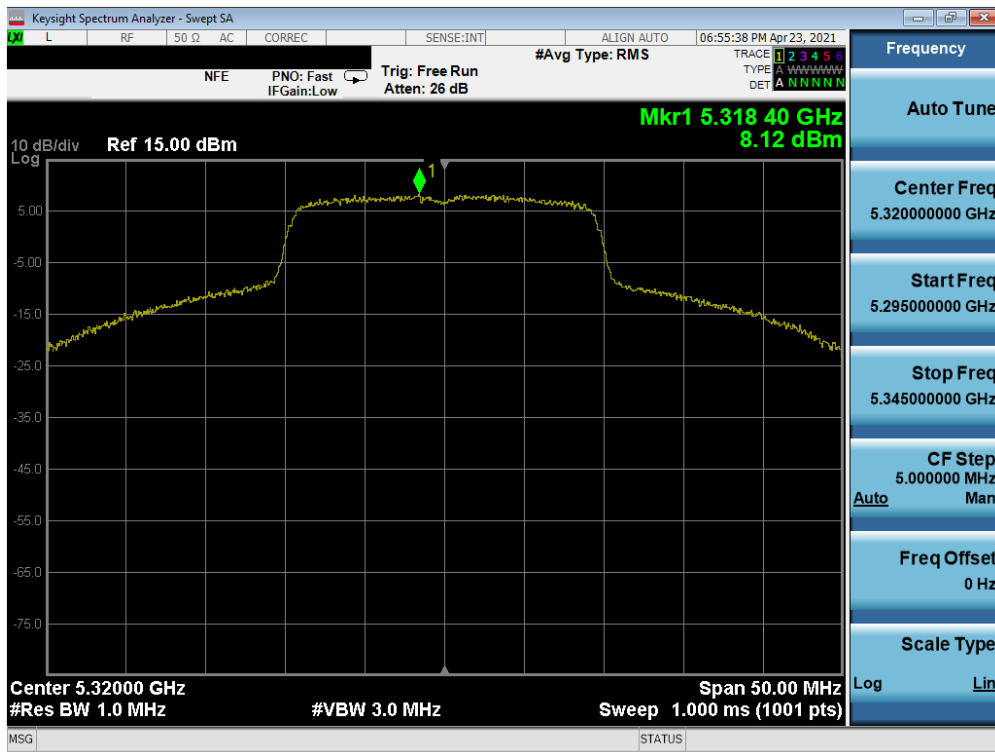


Plot 7-352. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 52)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 216 of 509

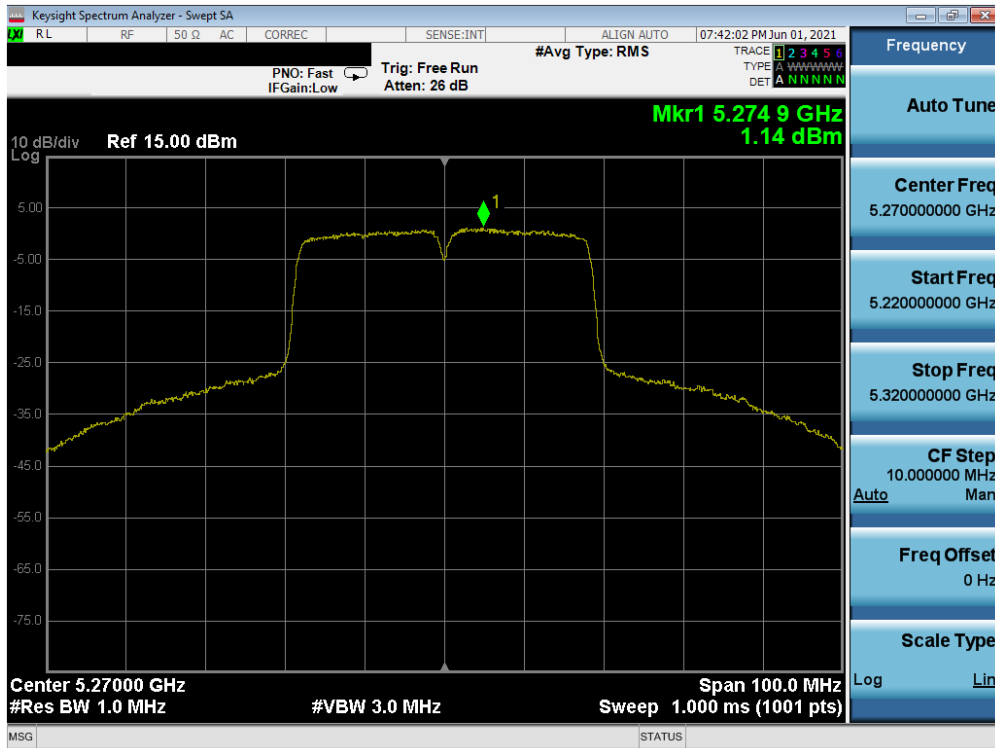


Plot 7-353. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 56)

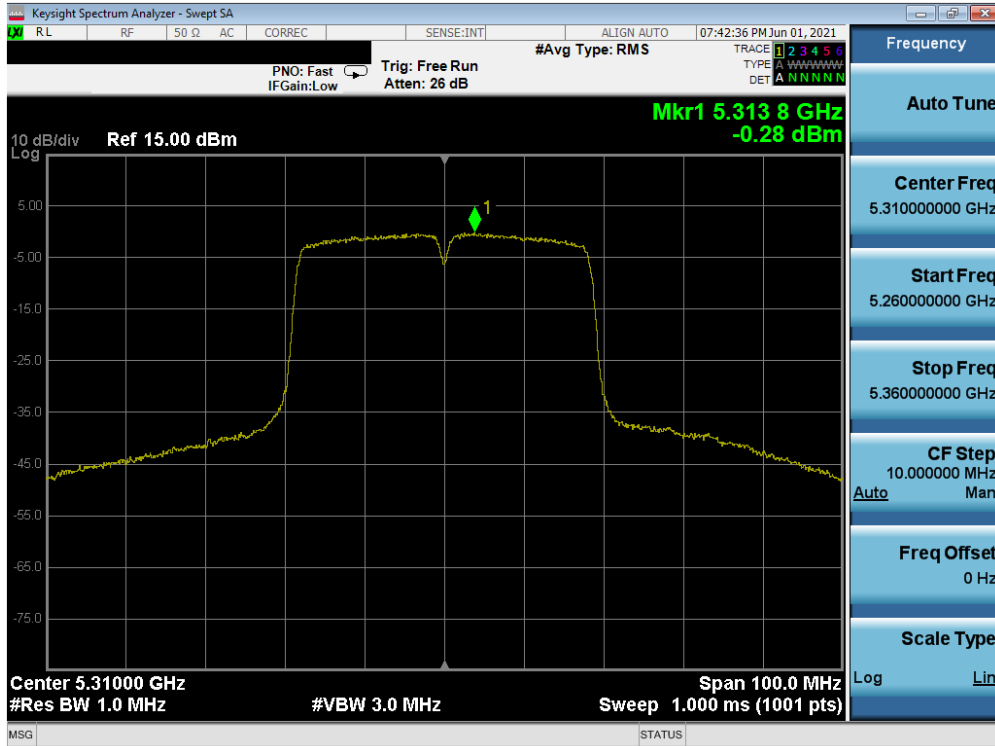


Plot 7-354. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 64)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 217 of 509

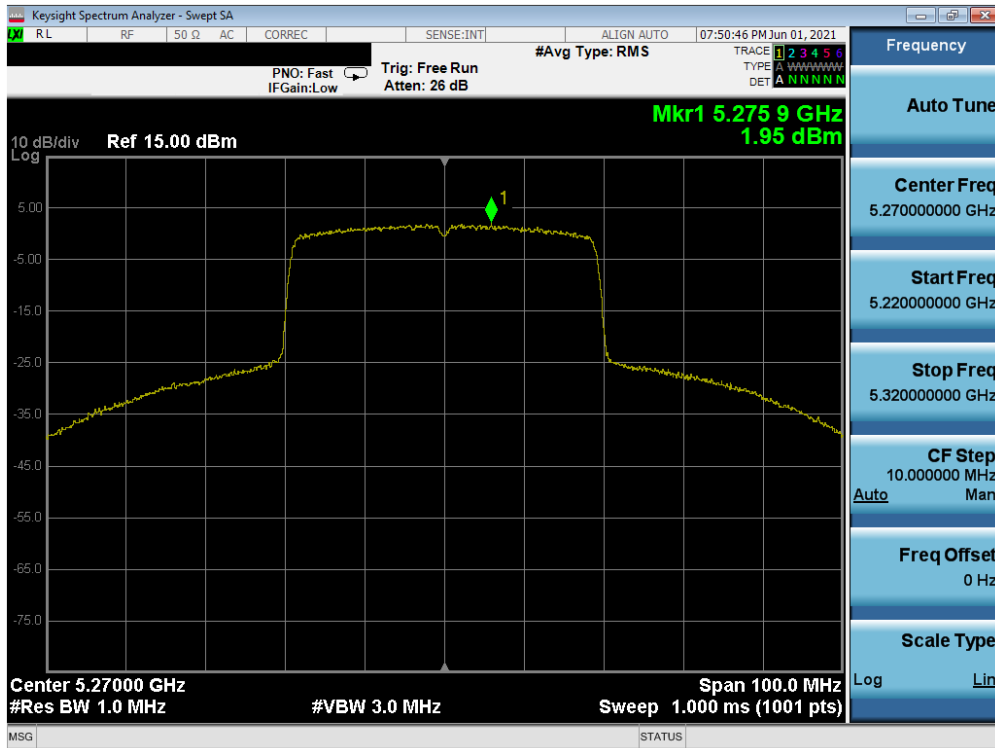


Plot 7-355. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2A) – Ch. 54)

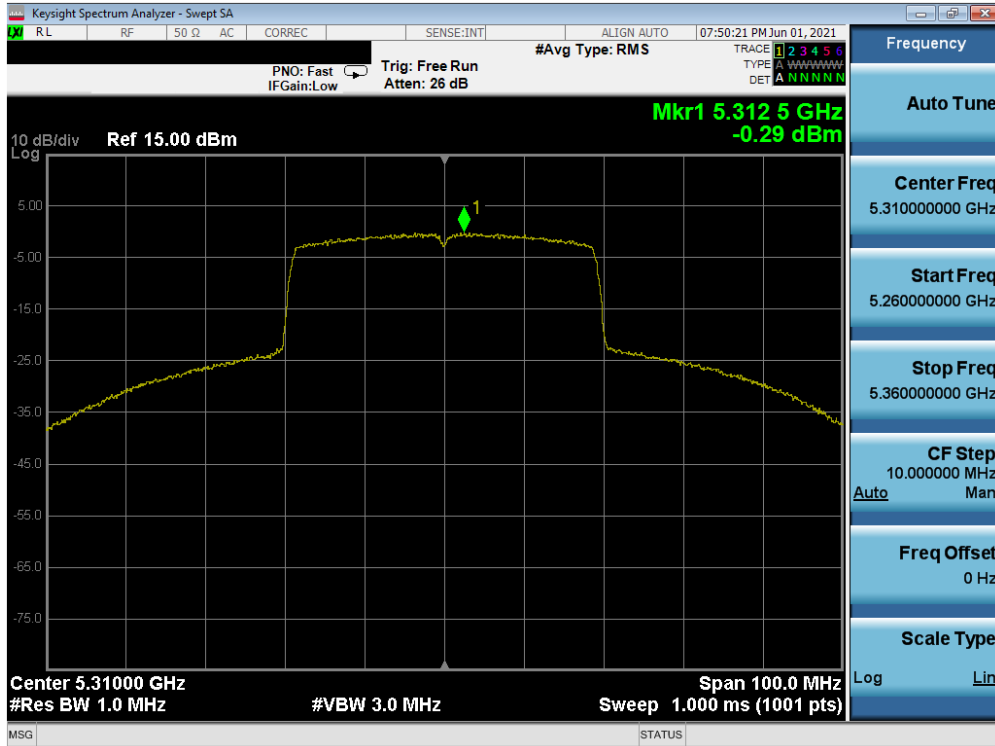


Plot 7-356. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2A) – Ch. 62)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 218 of 509

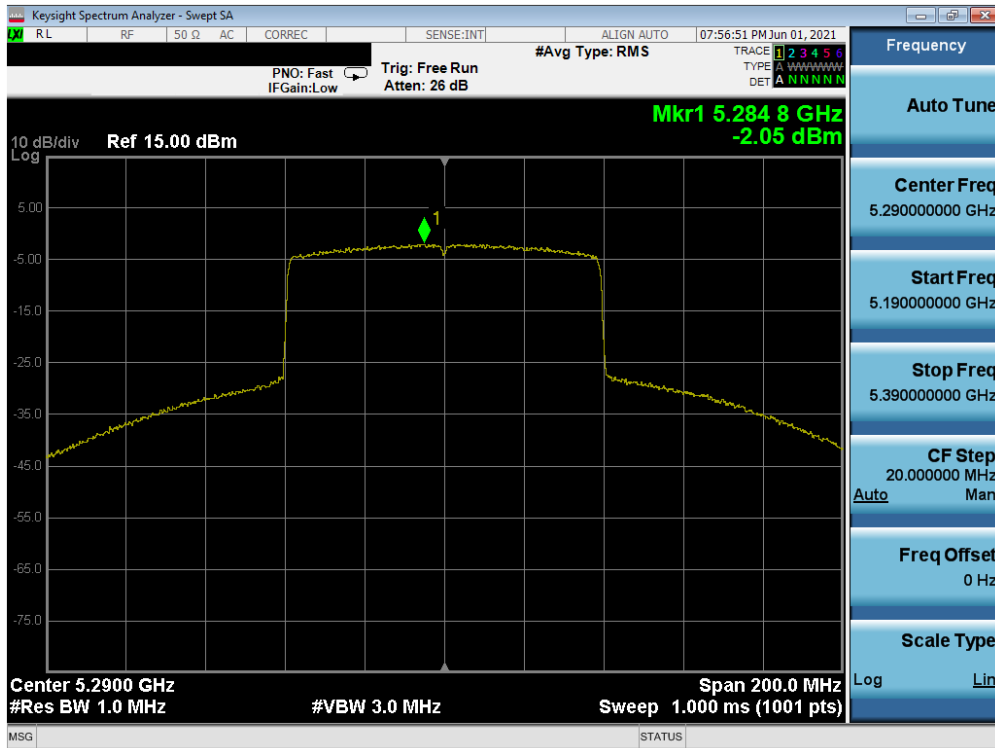


Plot 7-357. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2A) – Ch. 54)

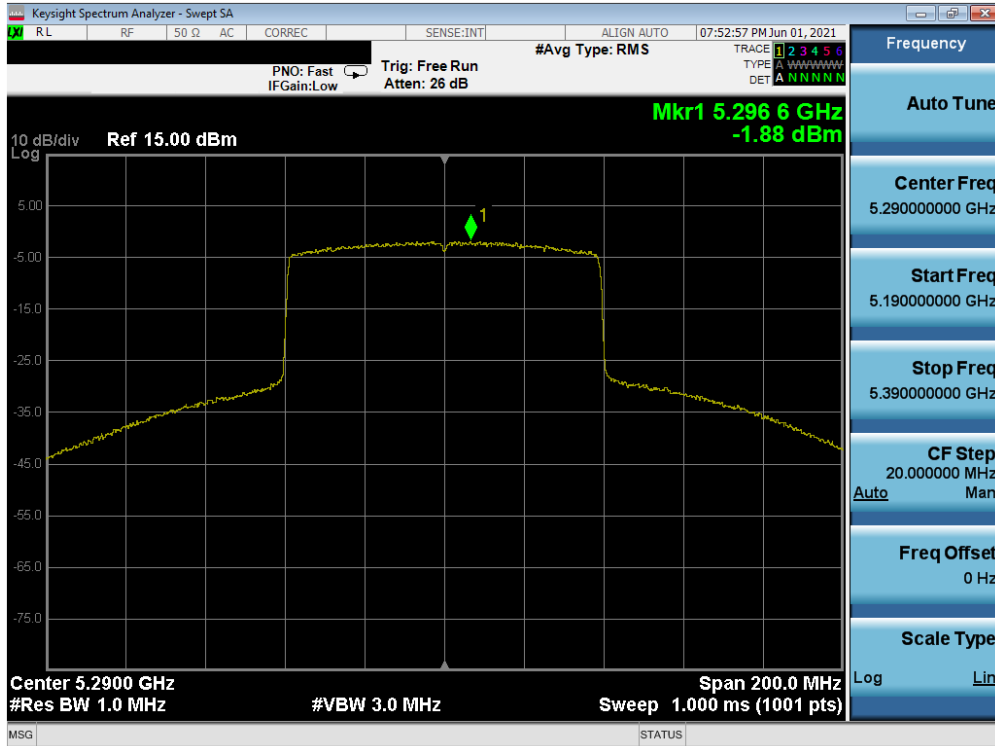


Plot 7-358. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2A) – Ch. 62)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 219 of 509

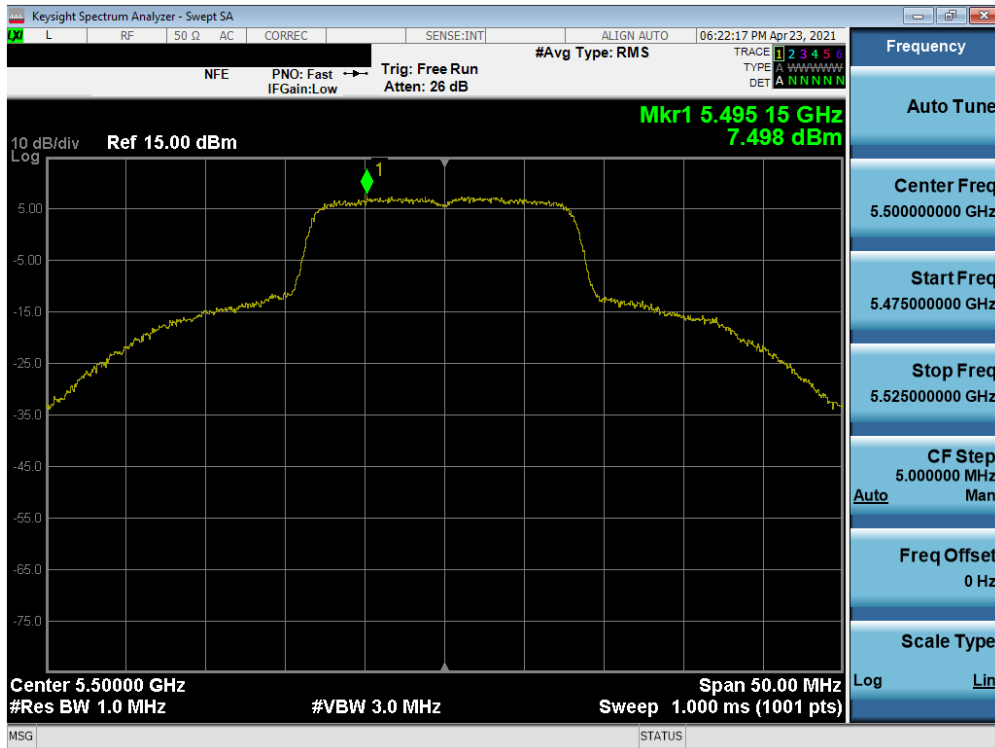


Plot 7-359. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 2A) – Ch. 58)

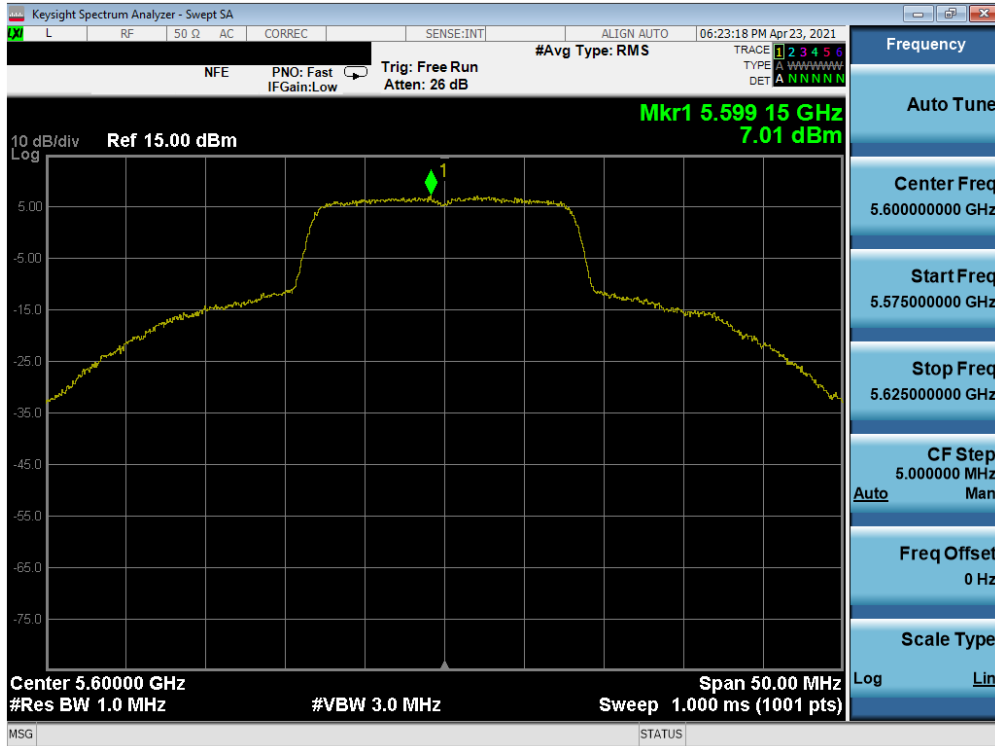


Plot 7-360. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (UNII Band 2A) – Ch. 58)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 220 of 509

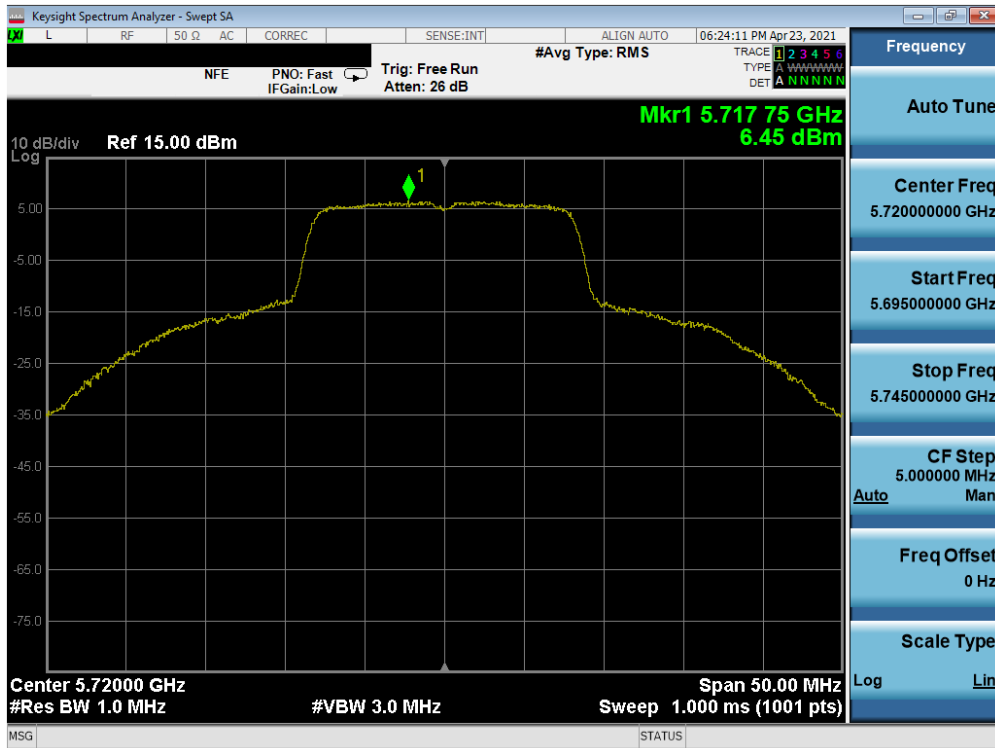


Plot 7-361. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11a (UNII Band 2C) – Ch. 100)

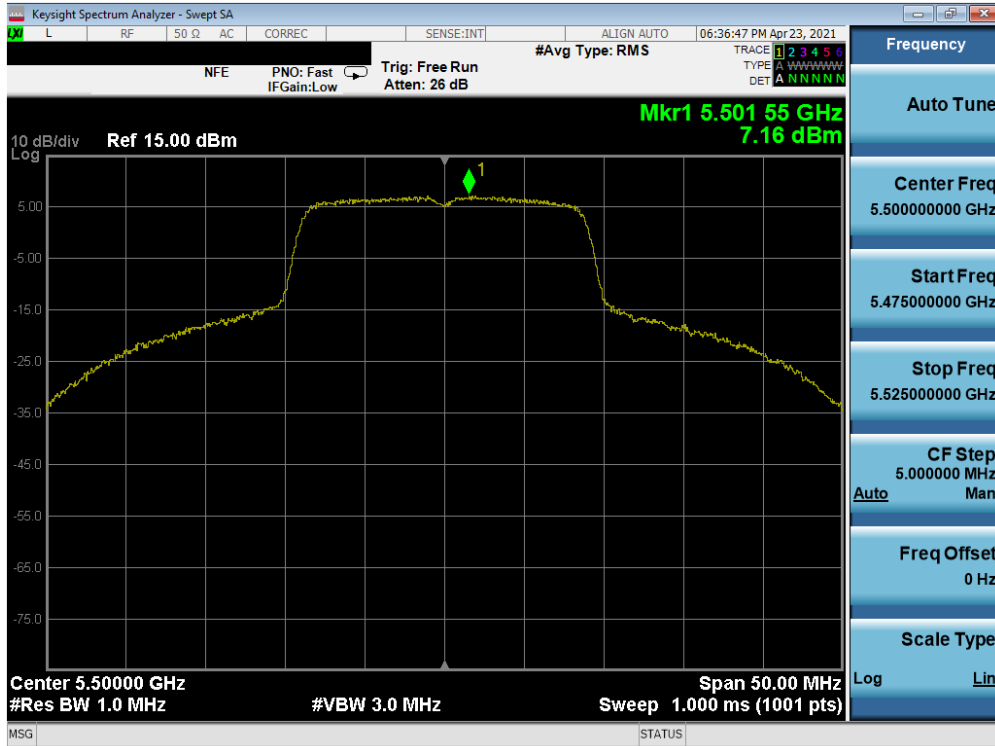


Plot 7-362. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11a (UNII Band 2C) – Ch. 120)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 221 of 509

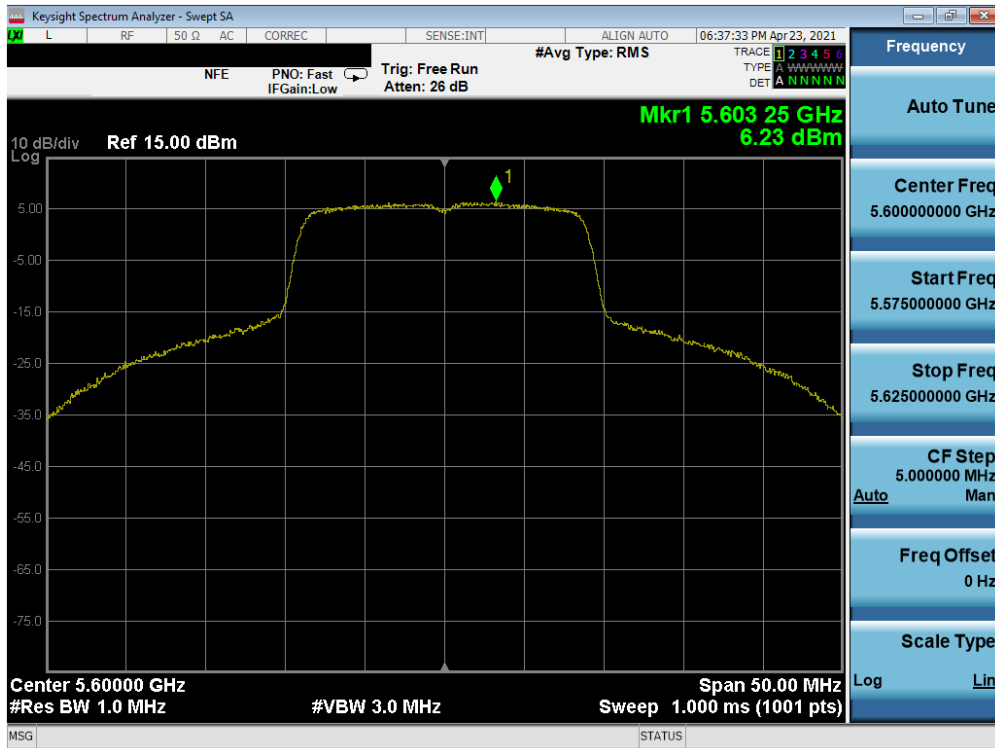


Plot 7-363. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11a (UNII Band 2C) – Ch. 144)

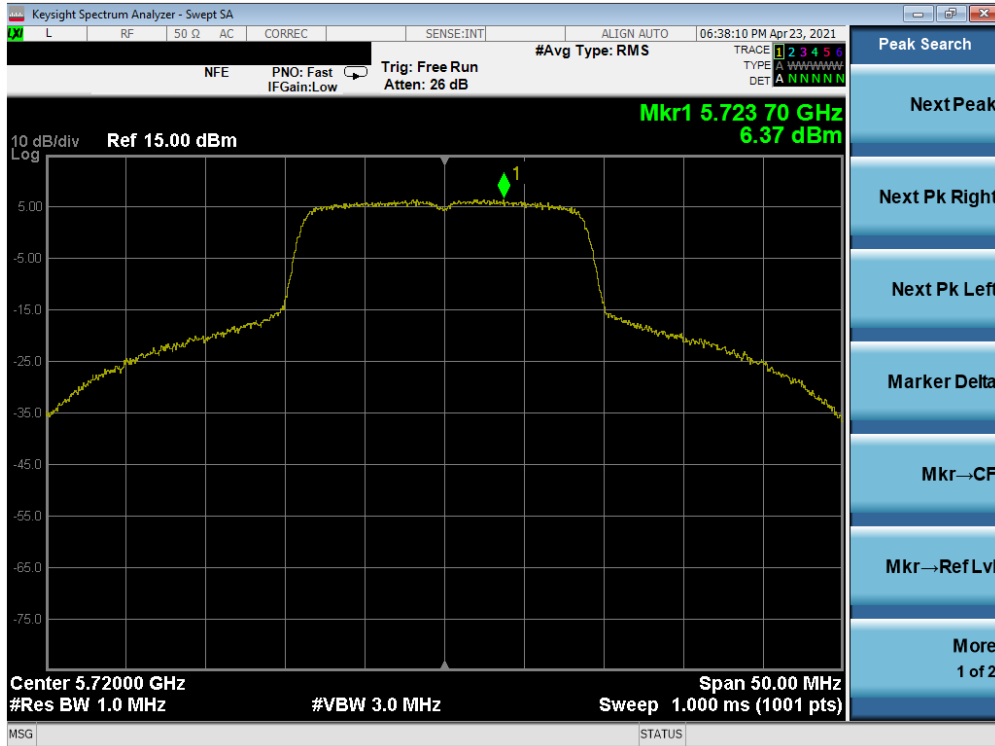


Plot 7-364. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2C) – Ch. 100)

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 222 of 509

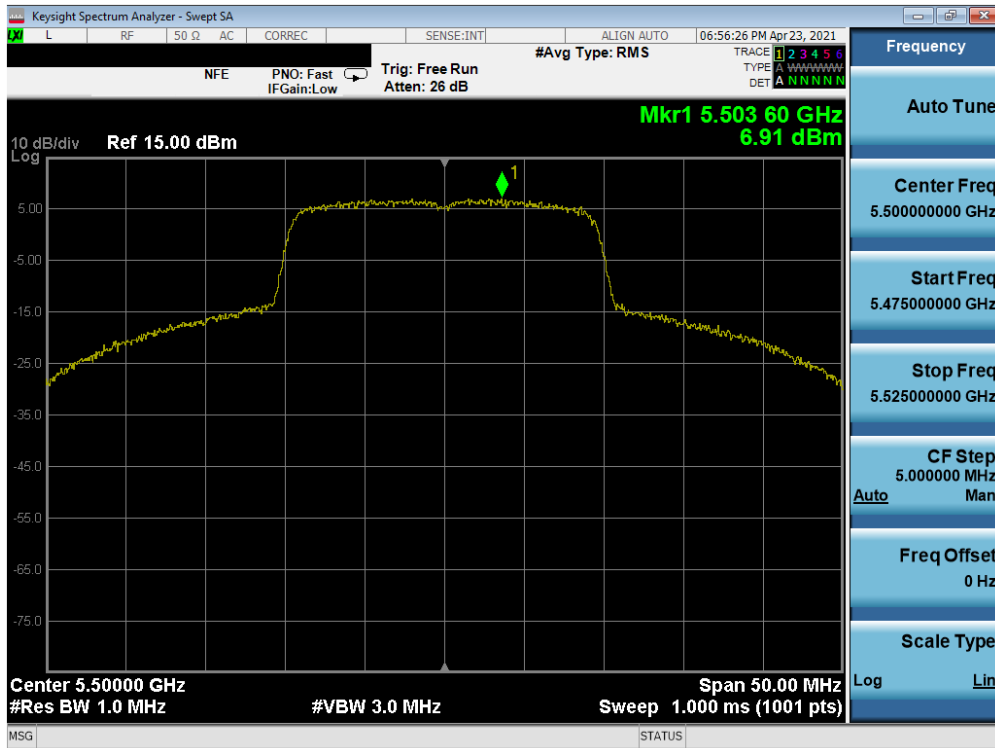


Plot 7-365. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2C) – Ch. 120)

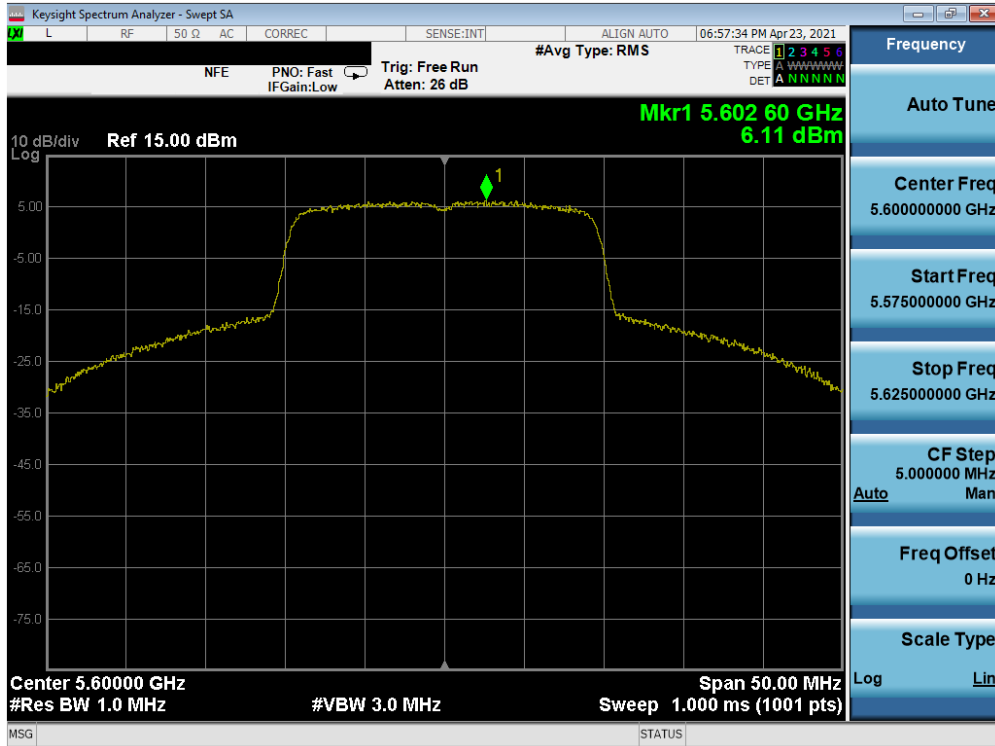


Plot 7-366. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2C) – Ch. 144)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 223 of 509

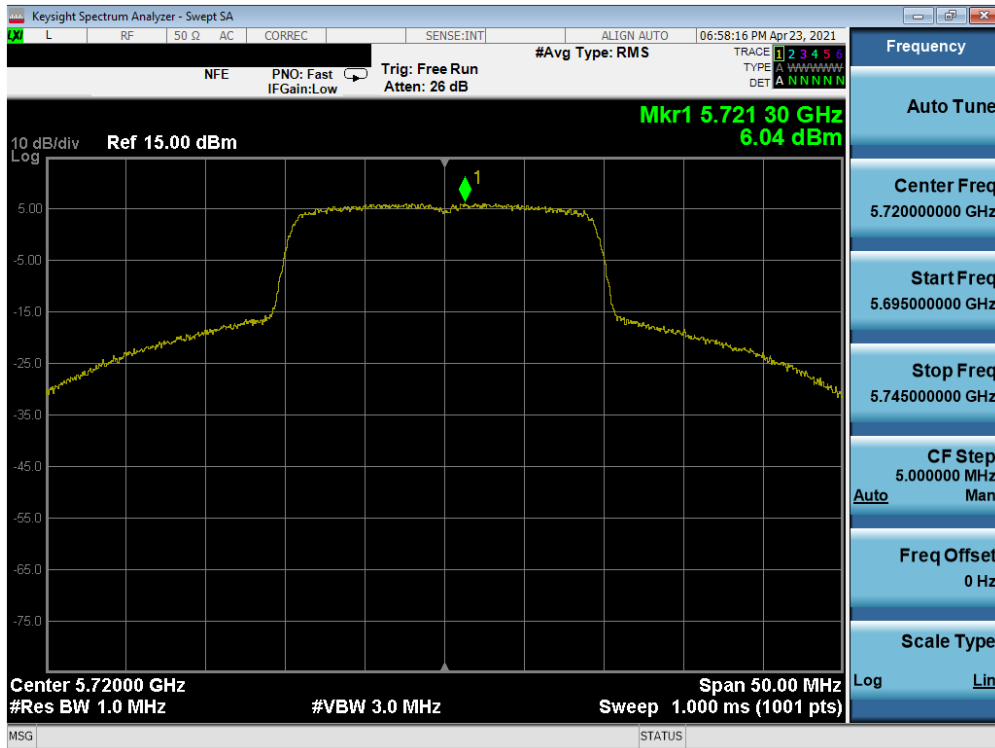


Plot 7-367. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 100)

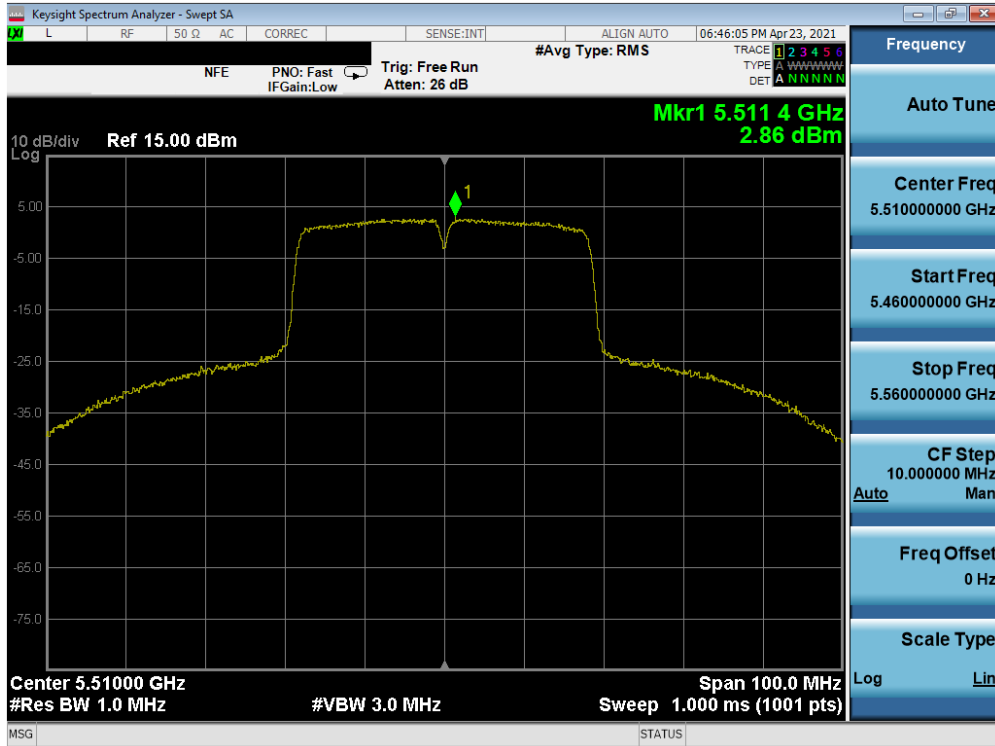


Plot 7-368. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 120)

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 224 of 509

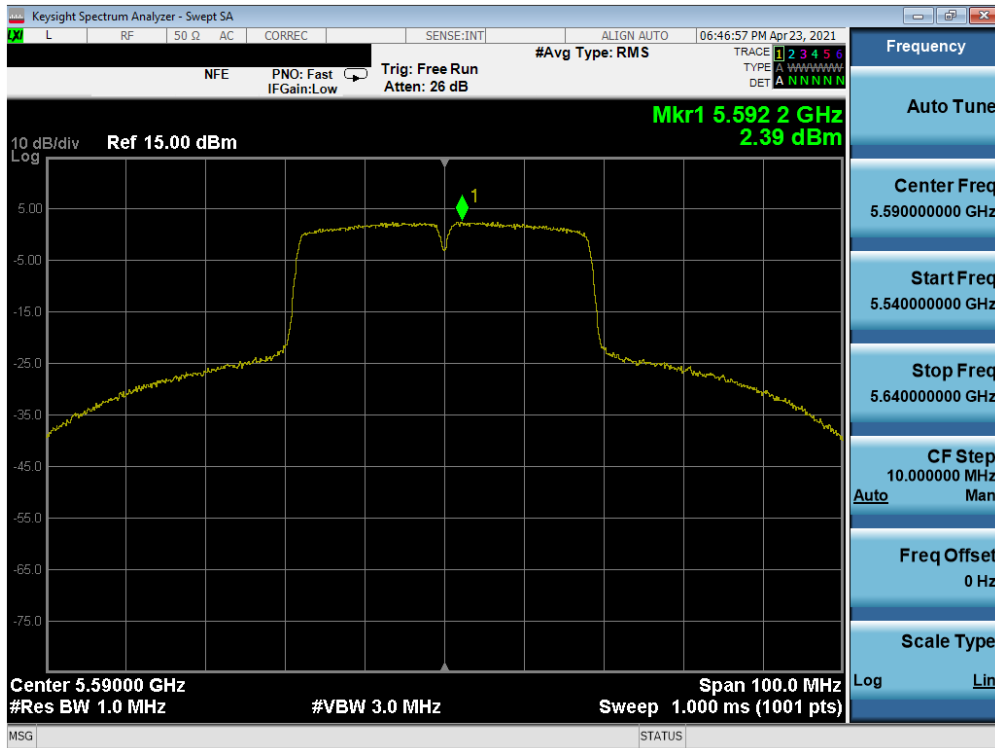


Plot 7-369. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 144)

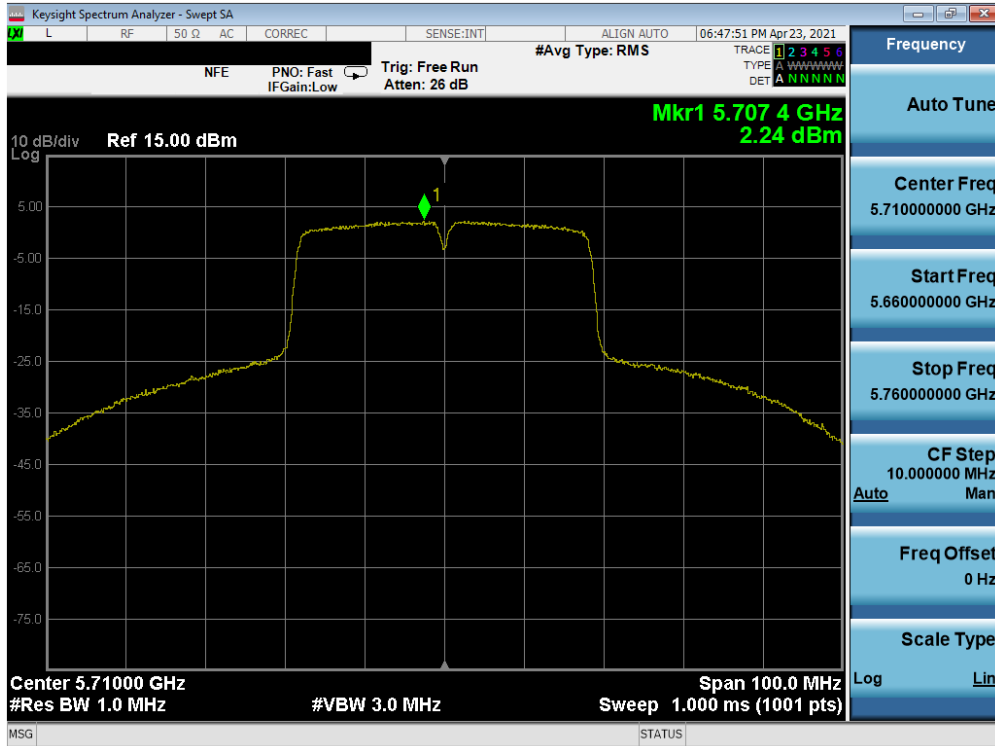


Plot 7-370. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 102)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 225 of 509

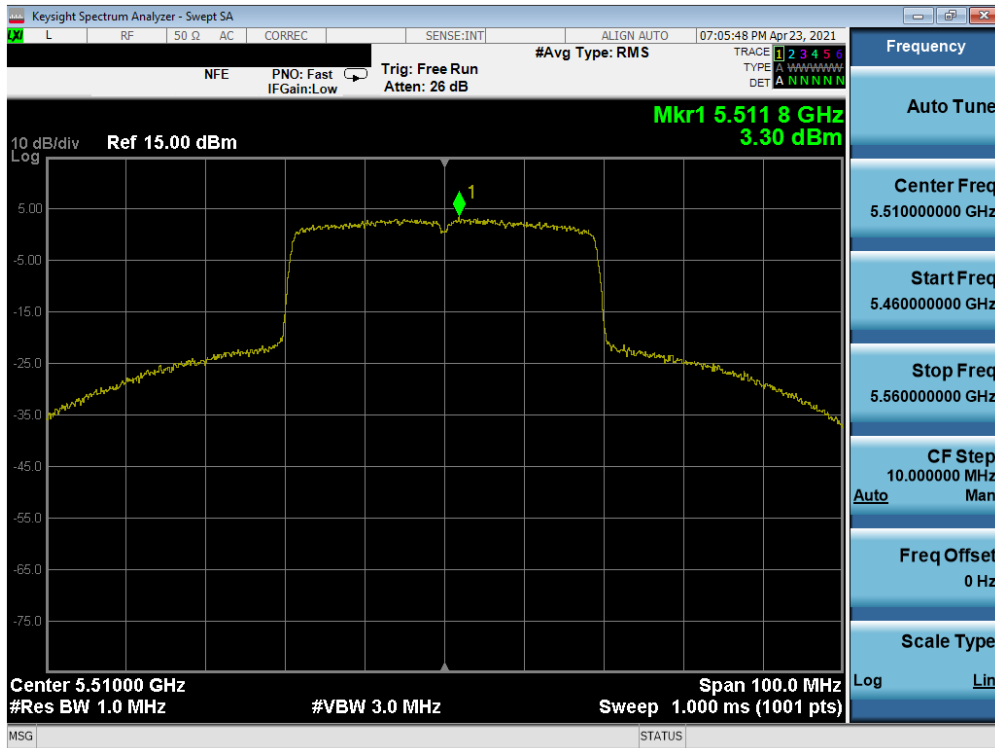


Plot 7-371. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 118)

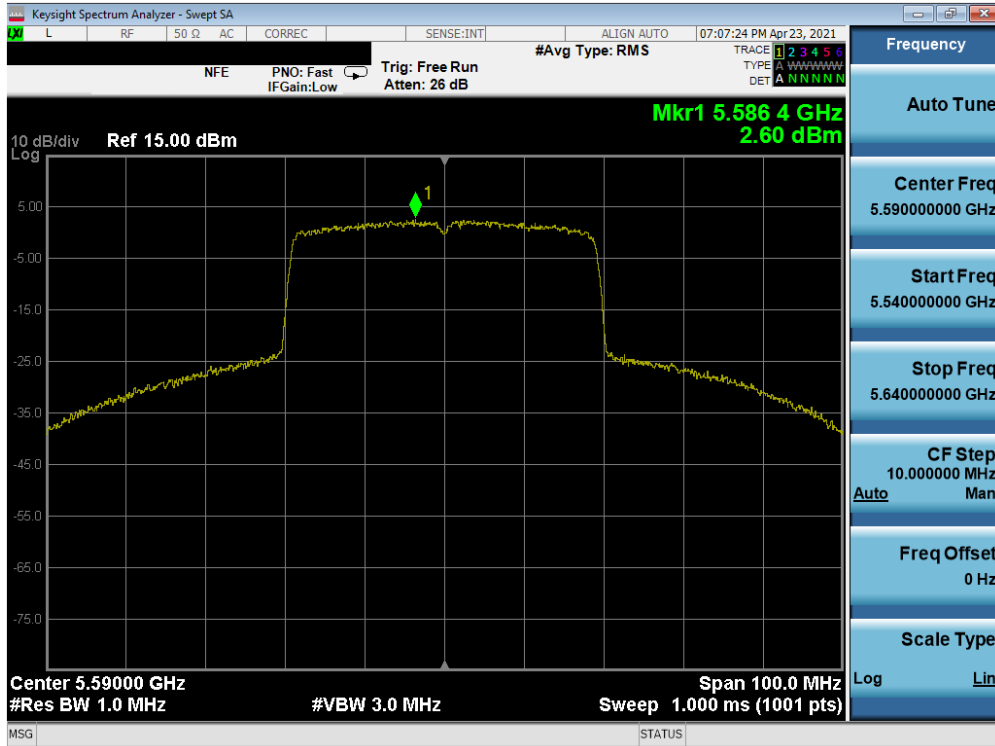


Plot 7-372. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 142)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 226 of 509

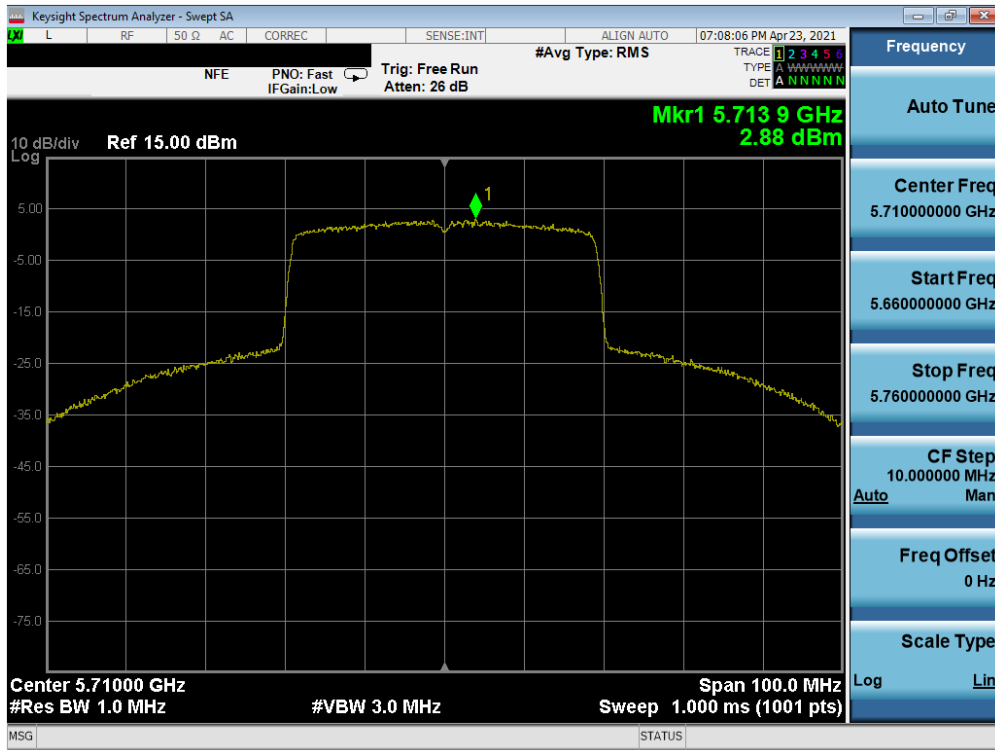


Plot 7-373. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 102)

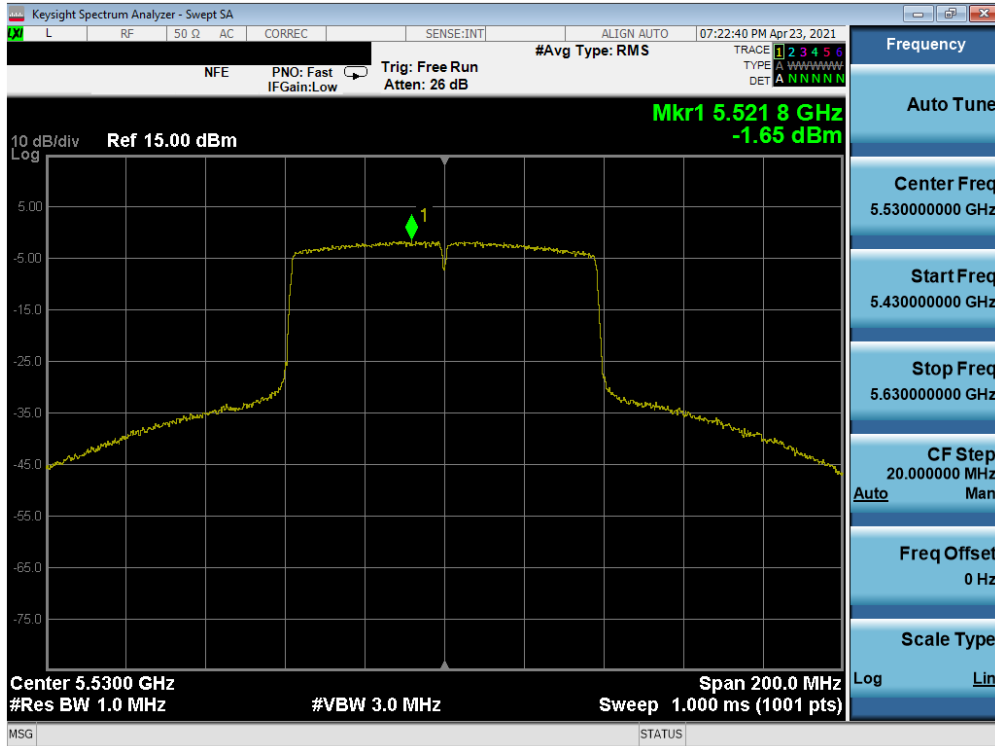


Plot 7-374. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 118)

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 227 of 509

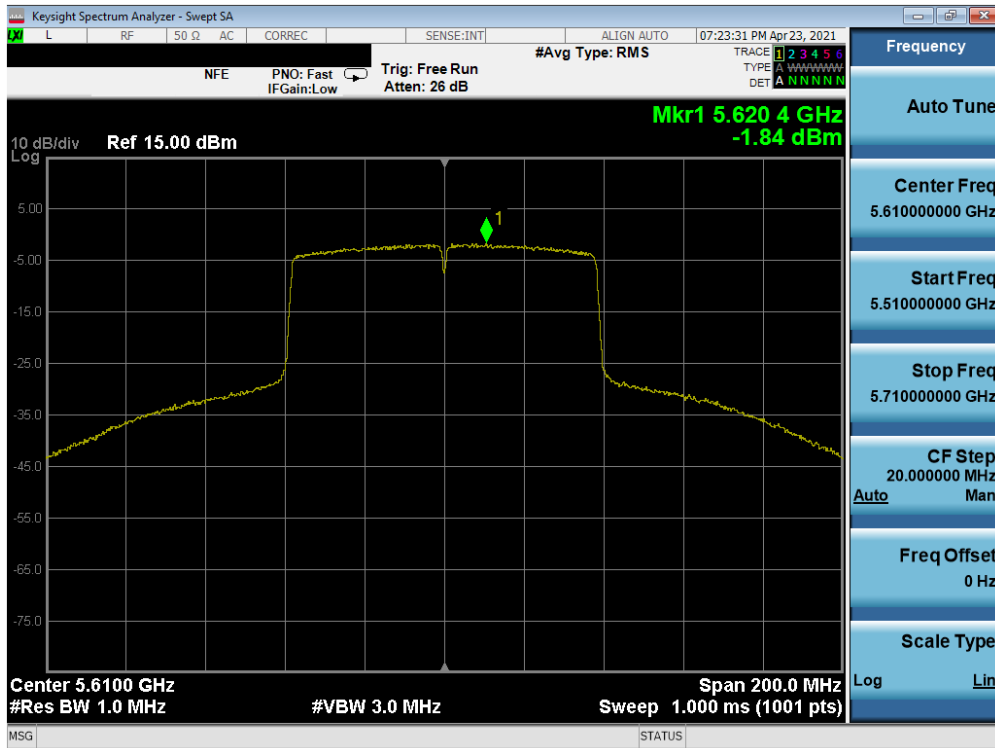


Plot 7-375. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 142)

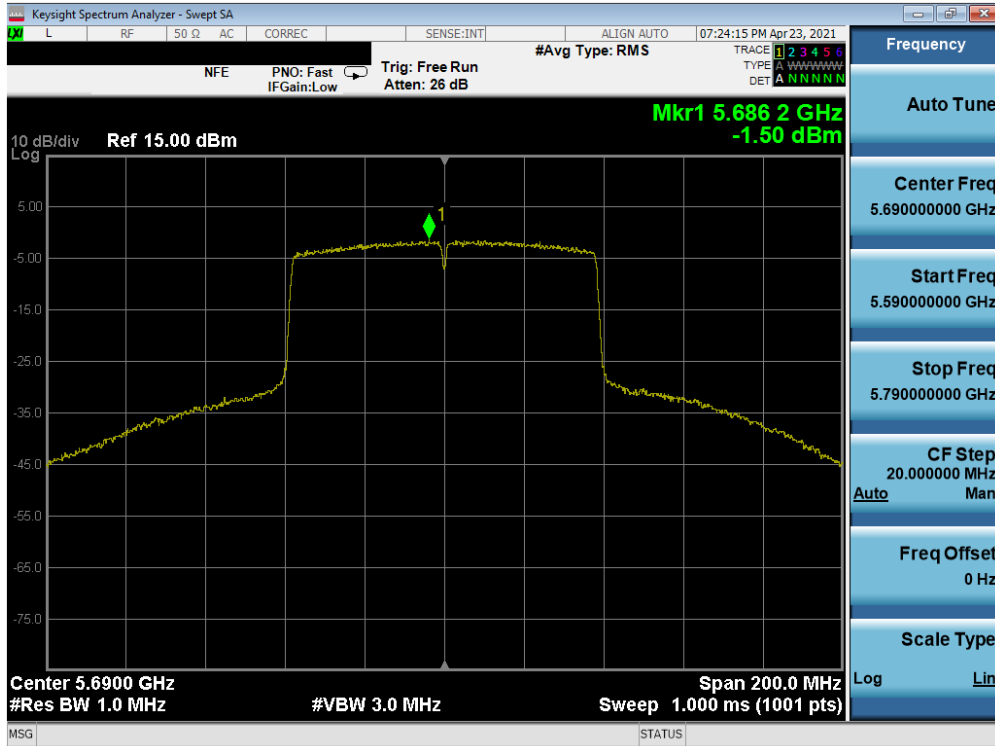


Plot 7-376. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 106)

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 228 of 509

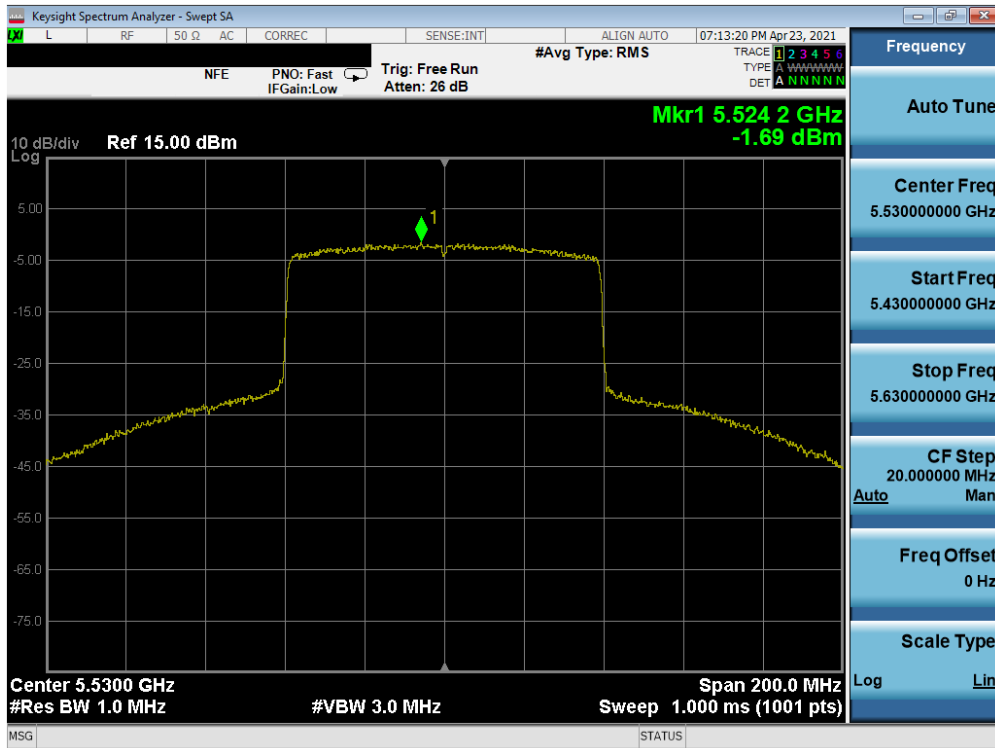


Plot 7-377. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 122)

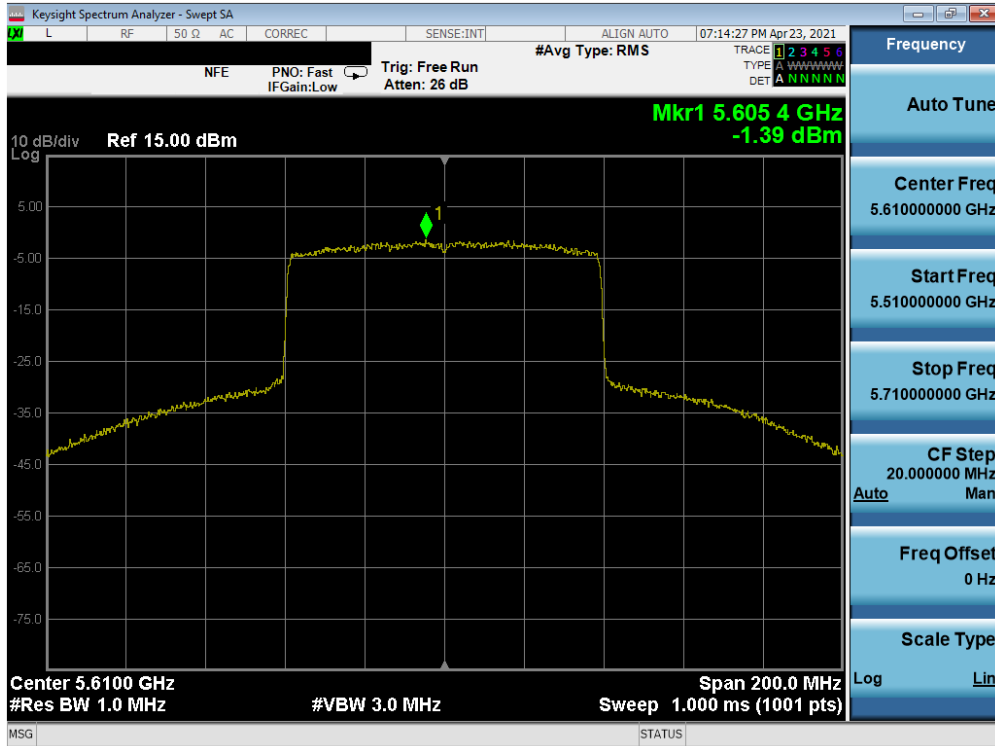


Plot 7-378. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 138)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 229 of 509

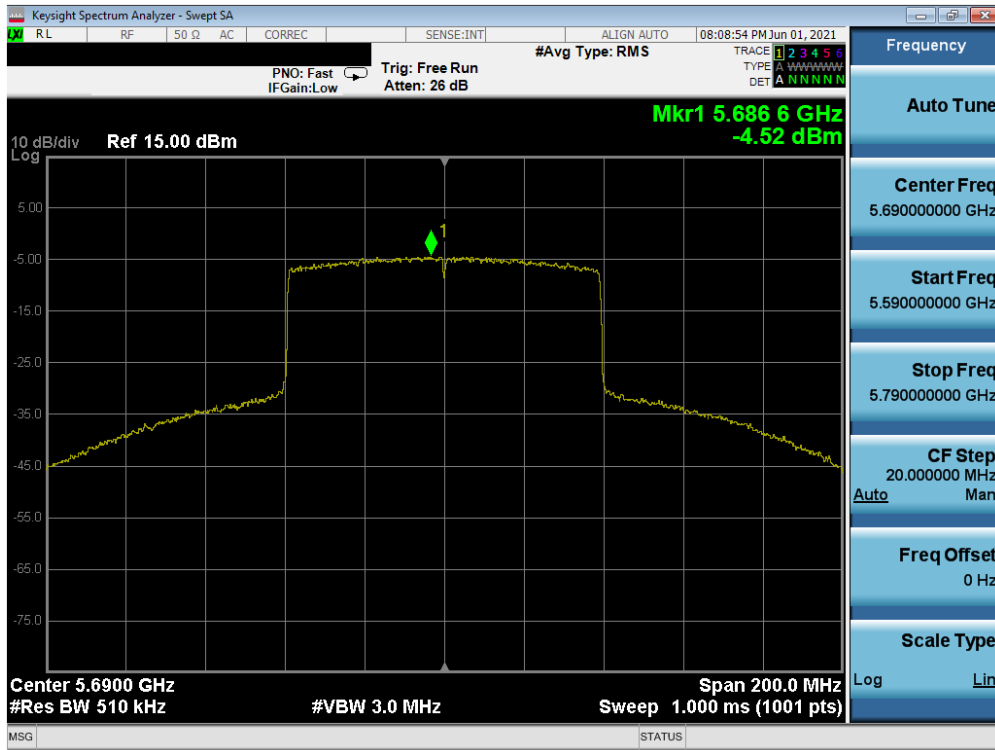


Plot 7-379. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 106)



Plot 7-380. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 122)

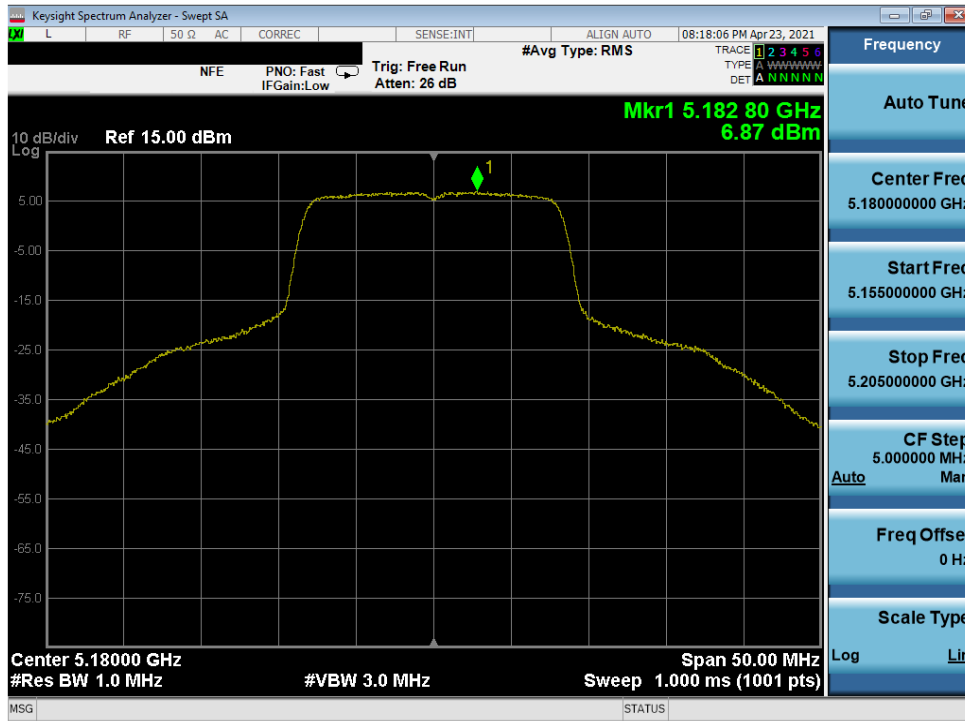
FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 230 of 509



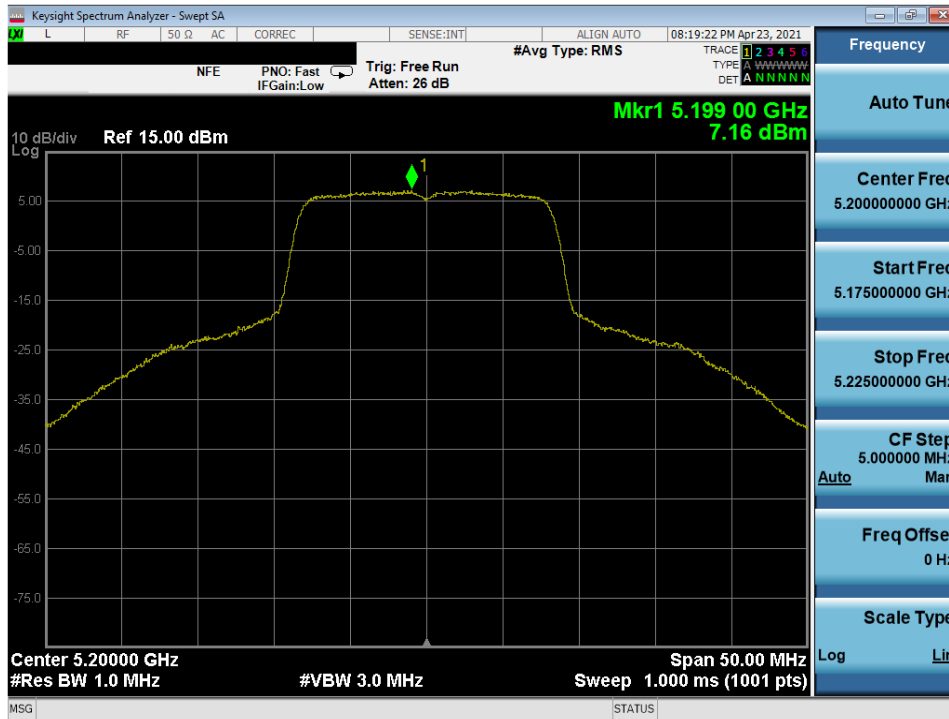
Plot 7-381. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 138)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 231 of 509

MIMO Antenna-2 Band 1, 2A, 2C Power Spectral Density Measurements - N

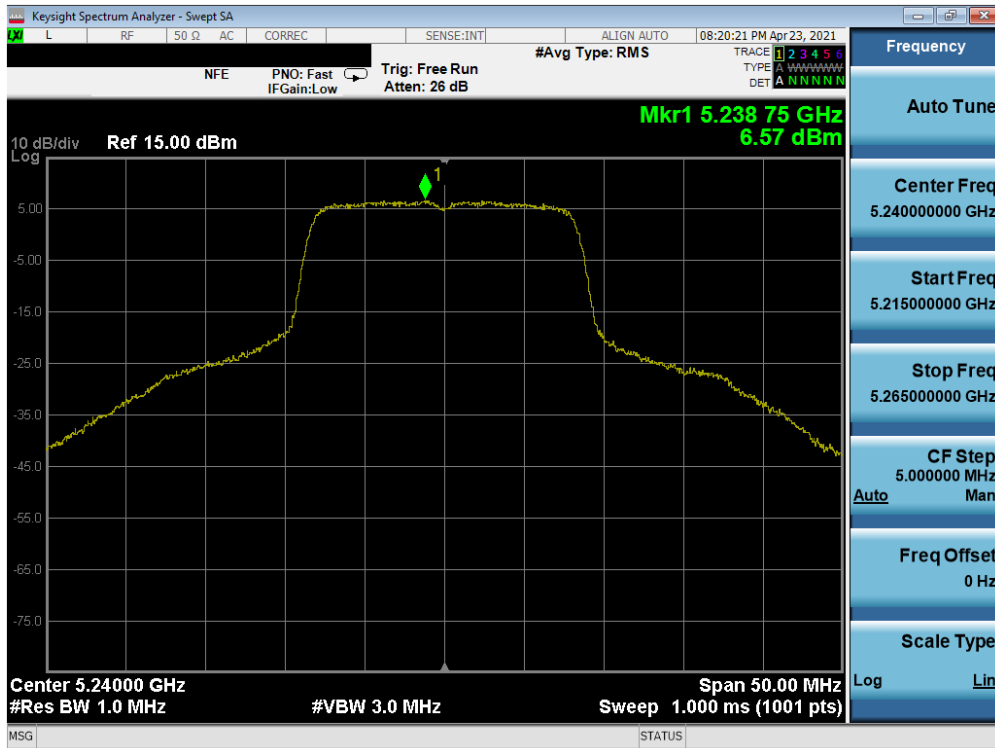


Plot 7-382. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 1) – Ch. 36)

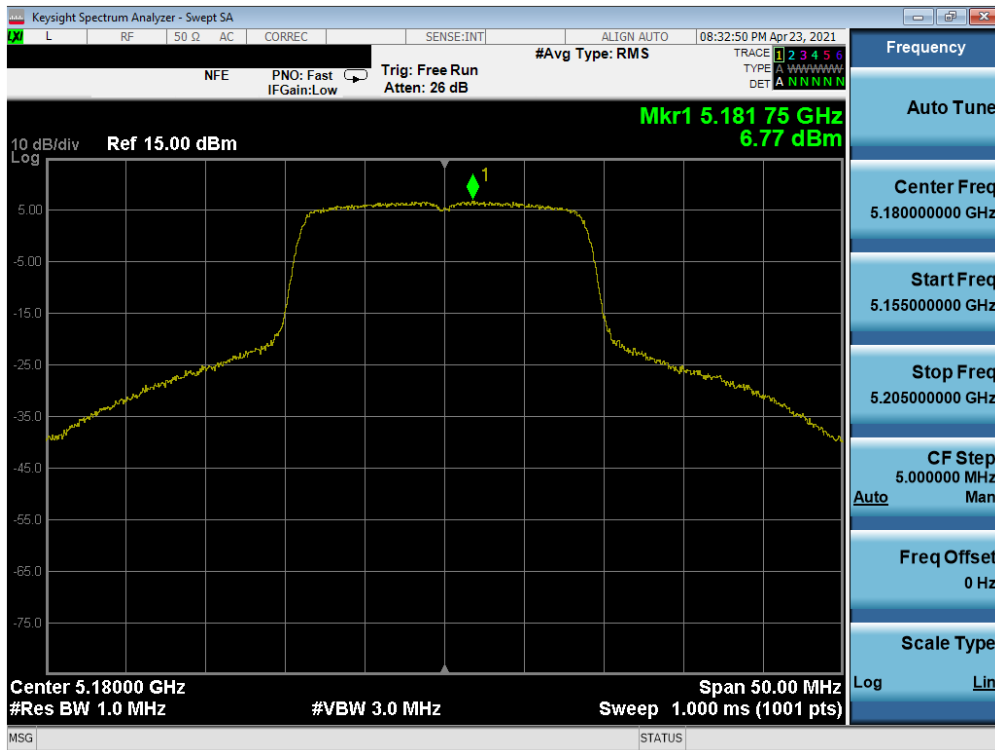


Plot 7-383. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 1) – Ch. 40)

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 232 of 509

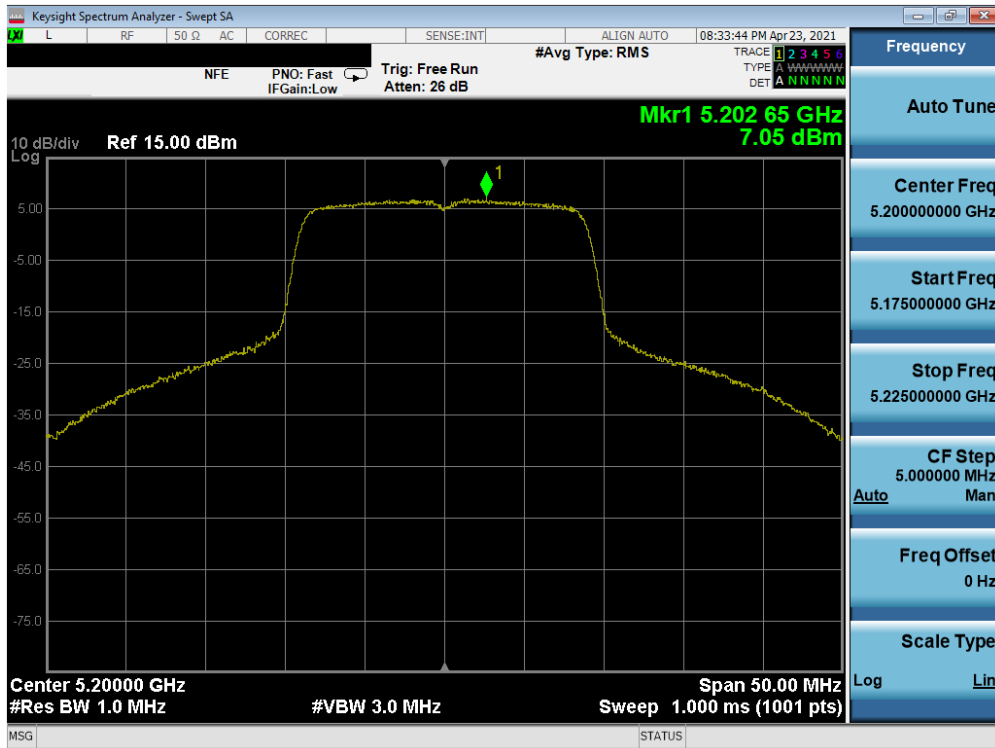


Plot 7-384. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 1) – Ch. 48)

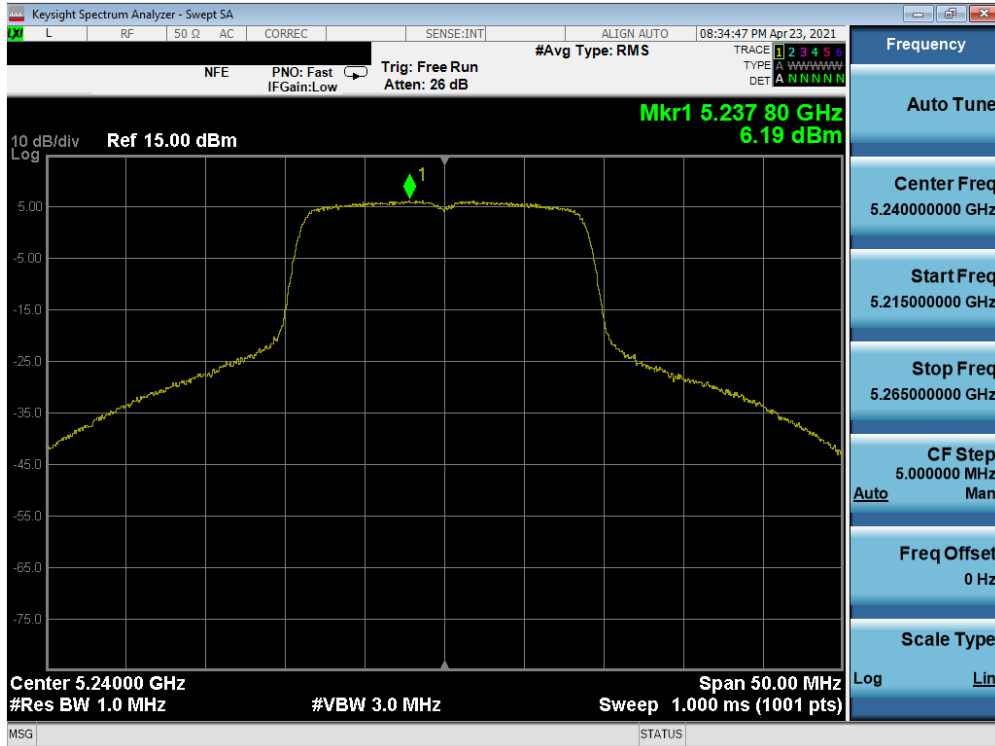


Plot 7-385. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 1) – Ch. 36)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 233 of 509

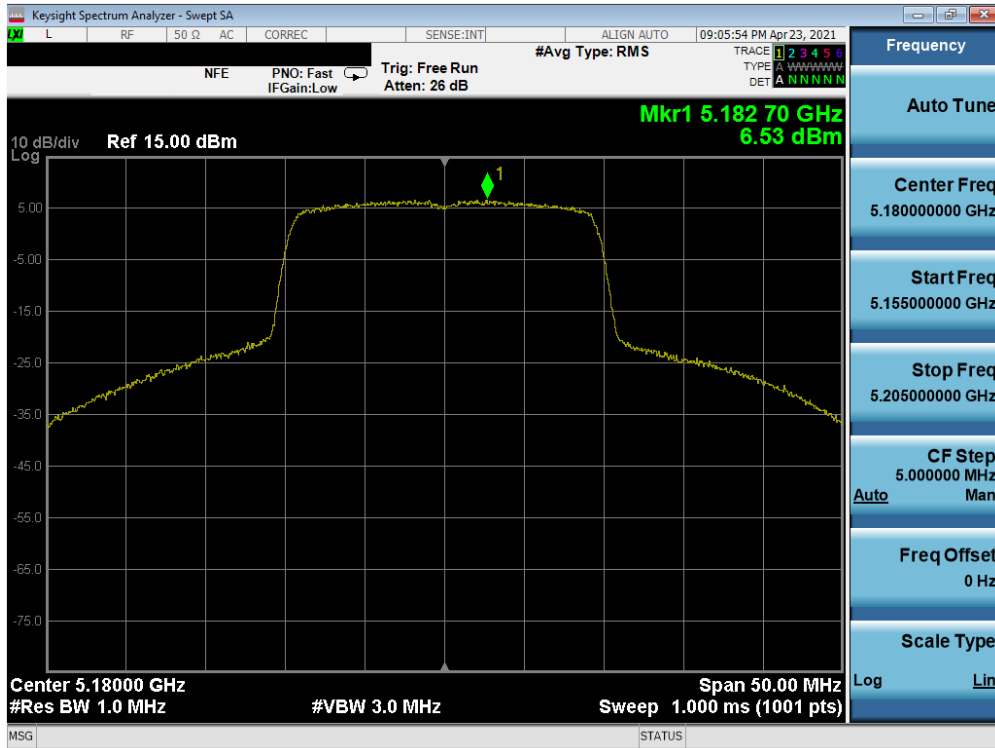


Plot 7-386. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 1) – Ch. 40)

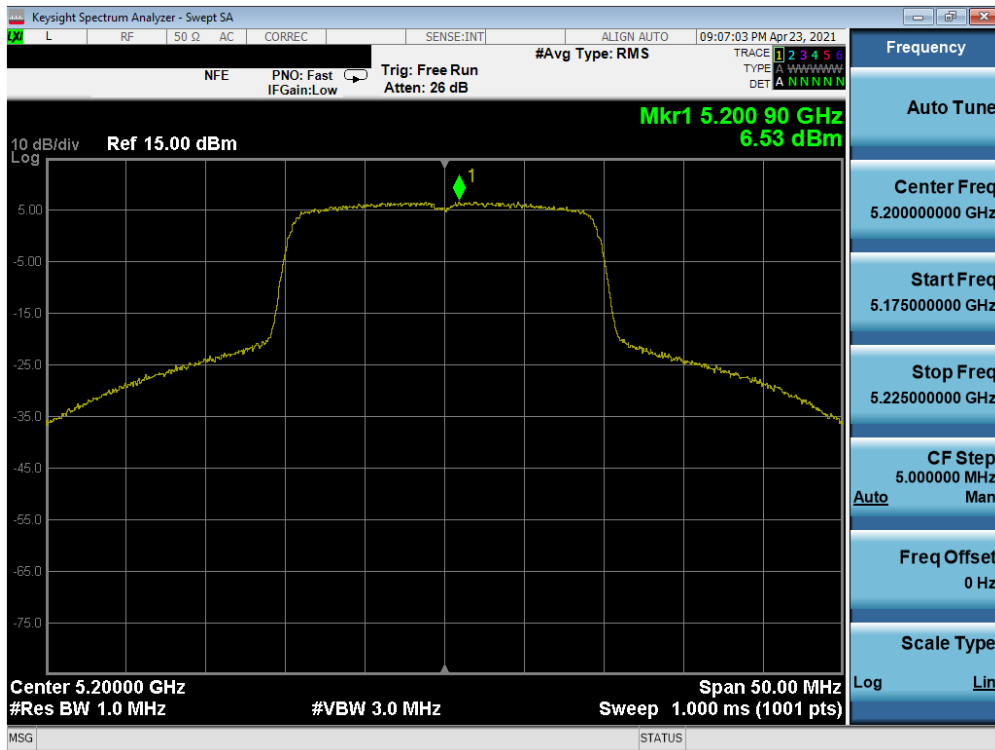


Plot 7-387. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 1) – Ch. 48)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 234 of 509

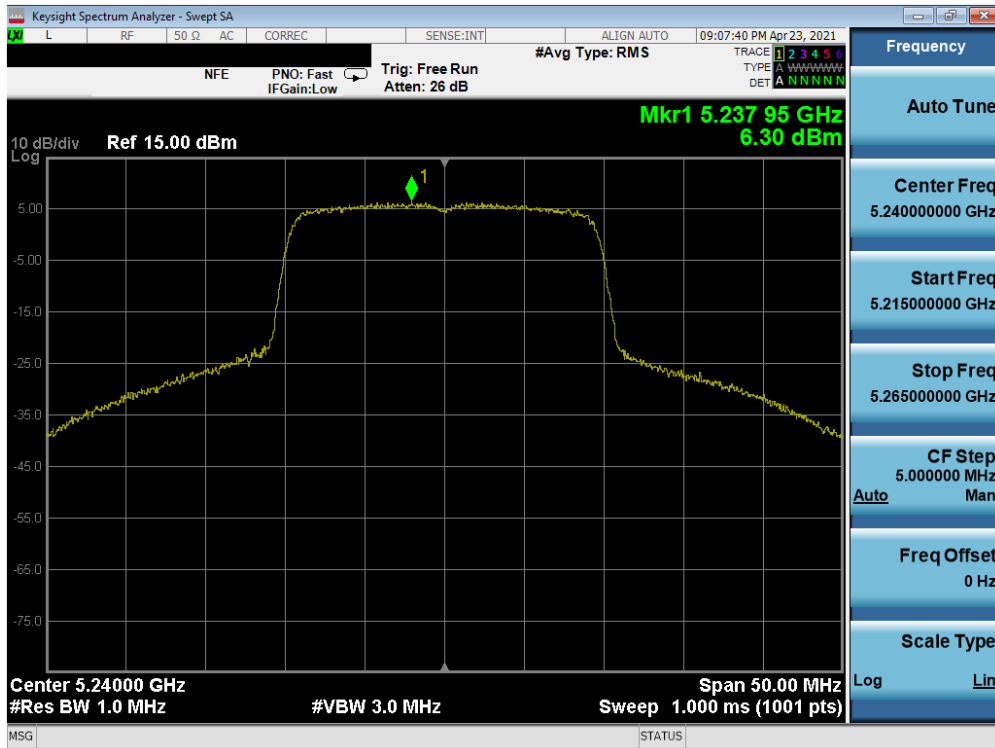


Plot 7-388. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 1) – Ch. 36)

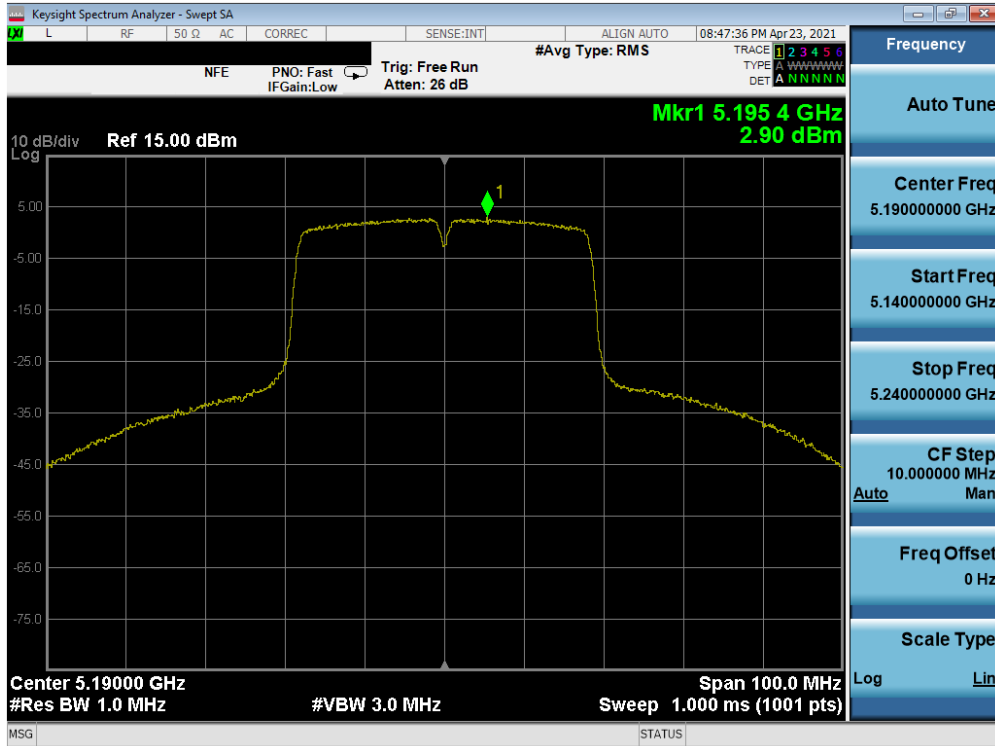


Plot 7-389. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 1) – Ch. 40)

FCC ID: A3LSMF711U	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 235 of 509

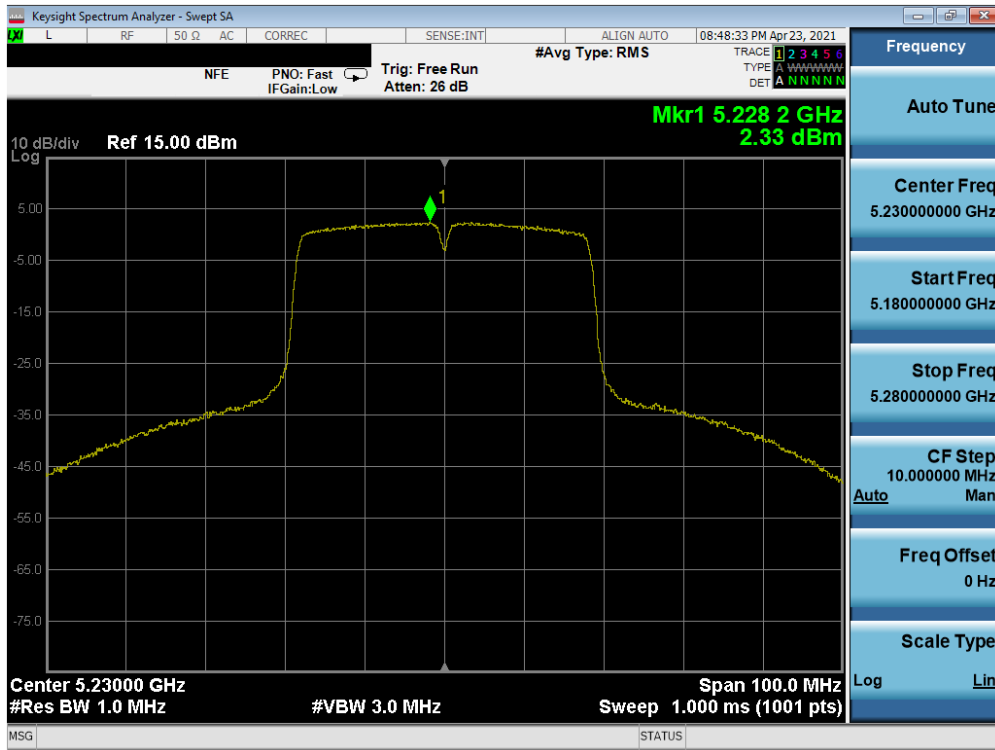


Plot 7-390. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 1) – Ch. 48)

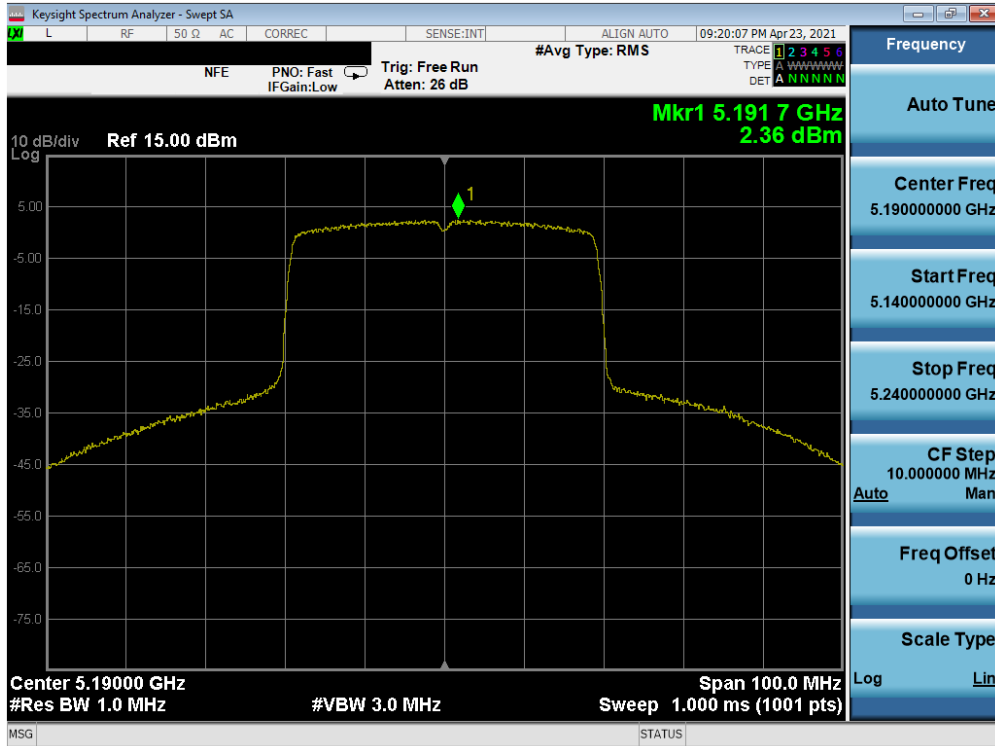


Plot 7-391. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 1) – Ch. 38)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 236 of 509

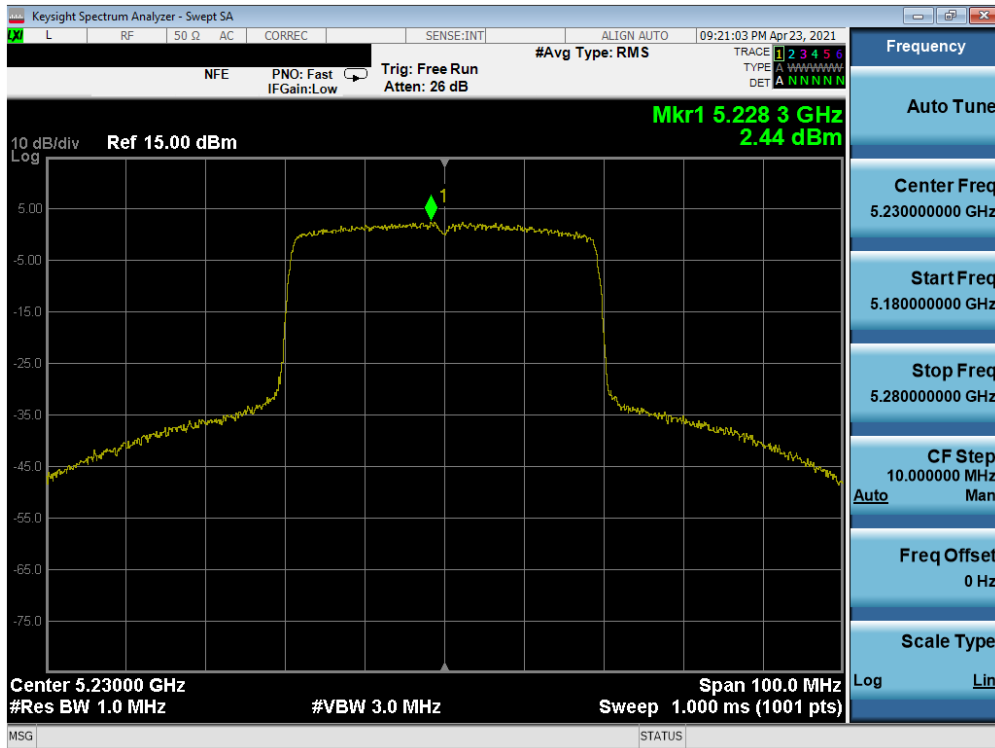


Plot 7-392. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 1) – Ch. 46)

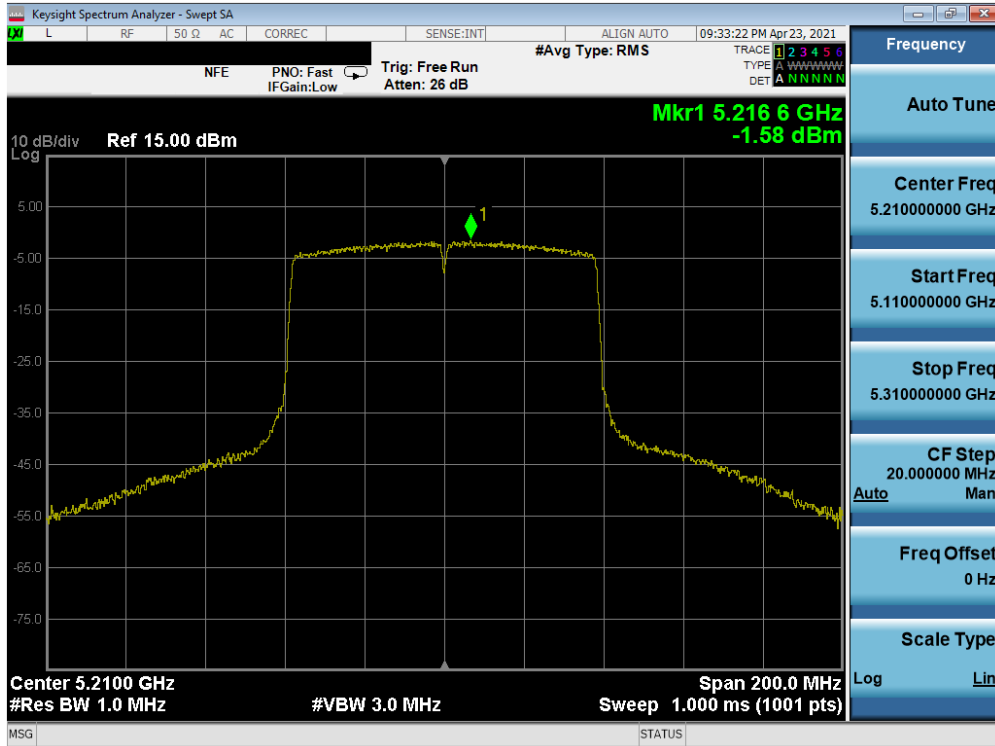


Plot 7-393. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (UNII Band 1) – Ch. 38)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 237 of 509

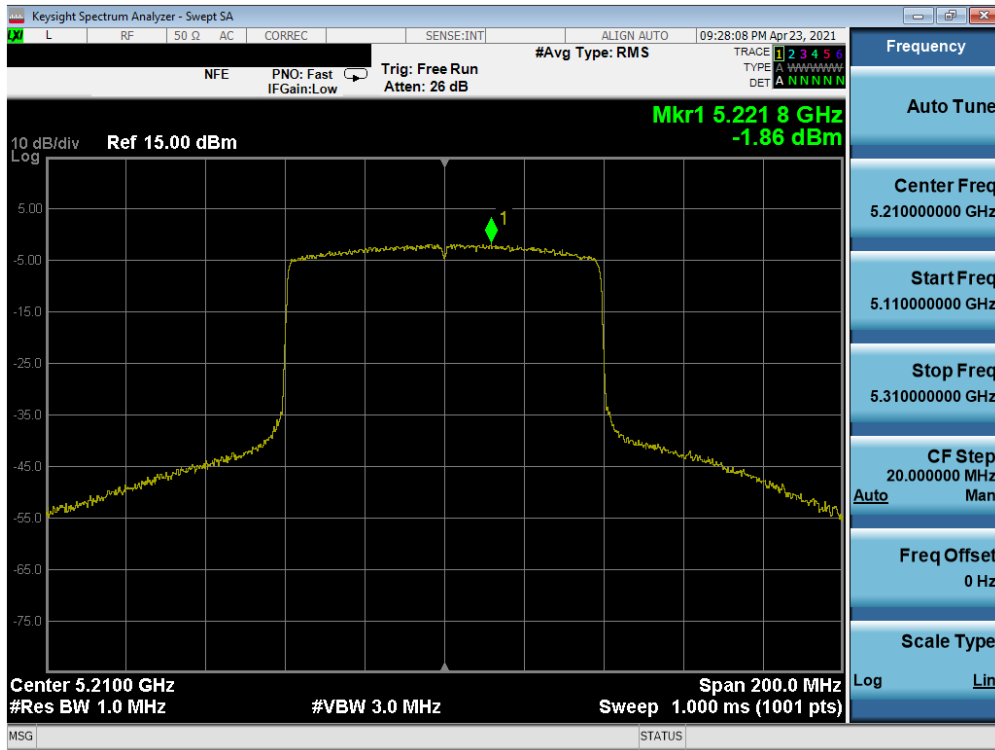


Plot 7-394. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (UNII Band 1) – Ch. 46)

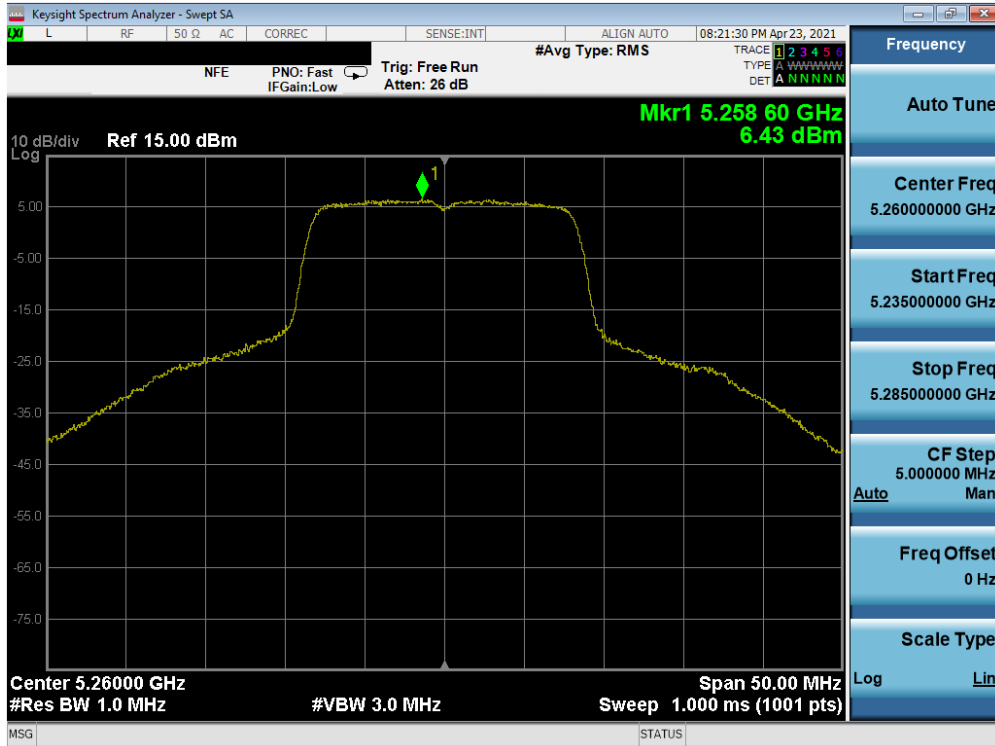


Plot 7-395. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ac (UNII Band 1) – Ch. 42)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 238 of 509

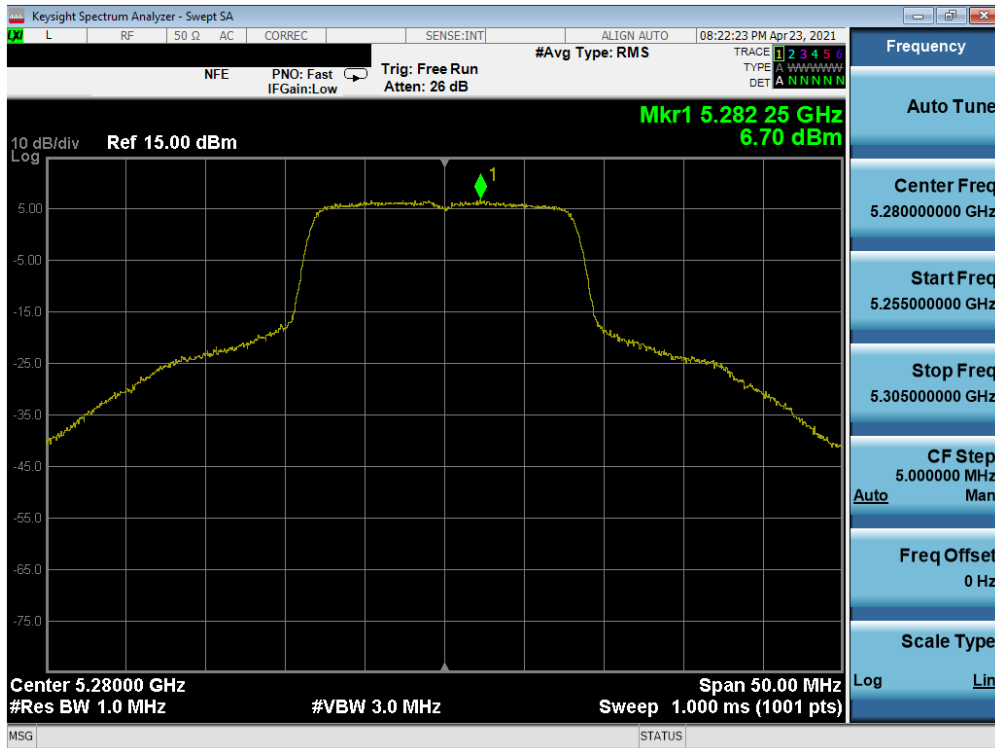


Plot 7-396. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax (UNII Band 1) – Ch. 42)

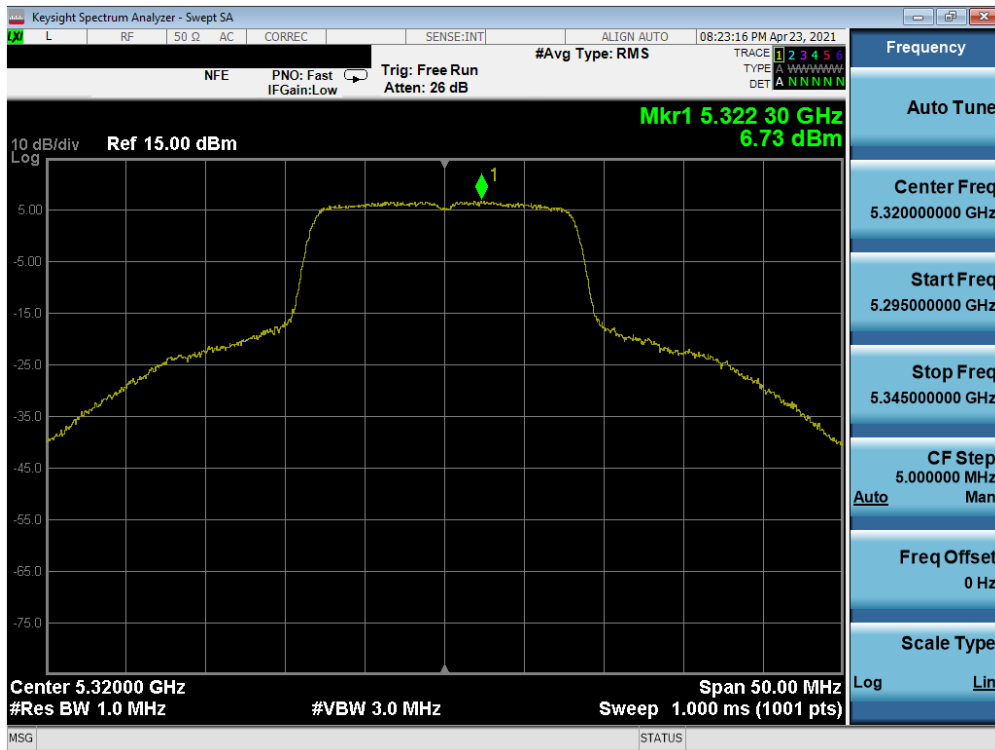


Plot 7-397. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 2A) – Ch. 52)

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 239 of 509

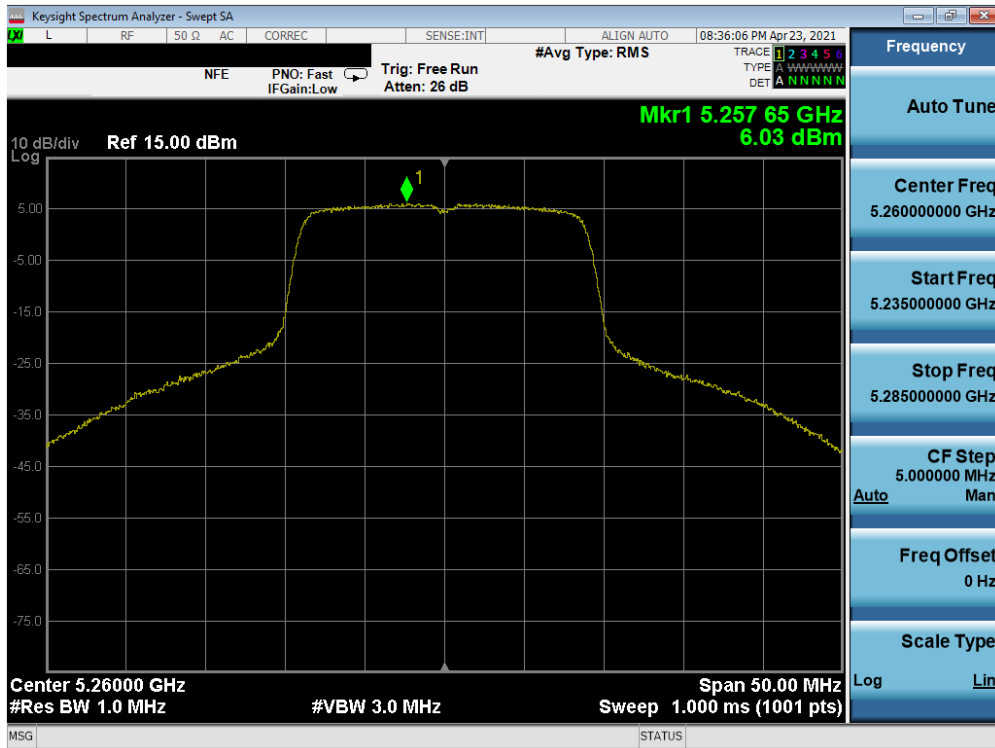


Plot 7-398. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 2A) – Ch. 56)

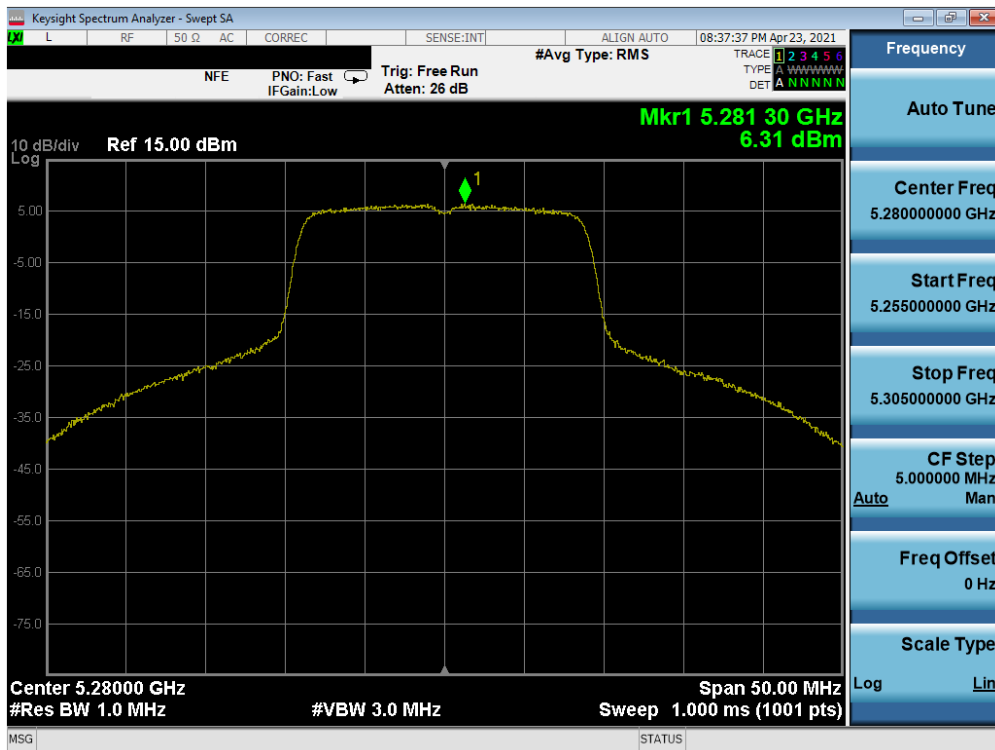


Plot 7-399. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 2A) – Ch. 64)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 240 of 509

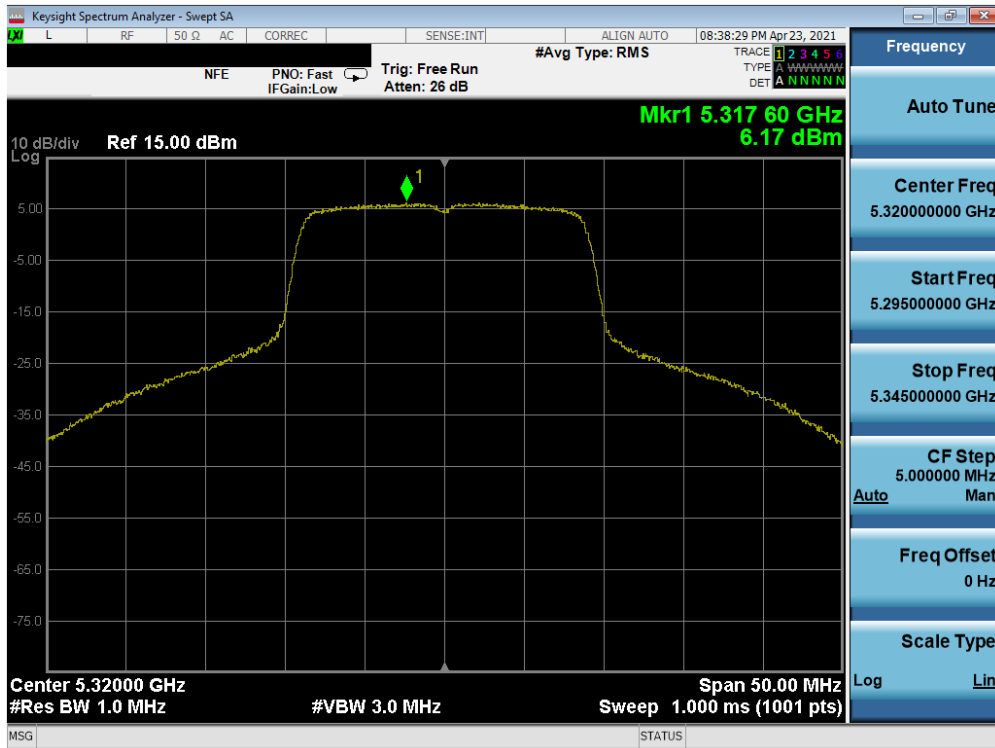


Plot 7-400. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 2A) – Ch. 52)

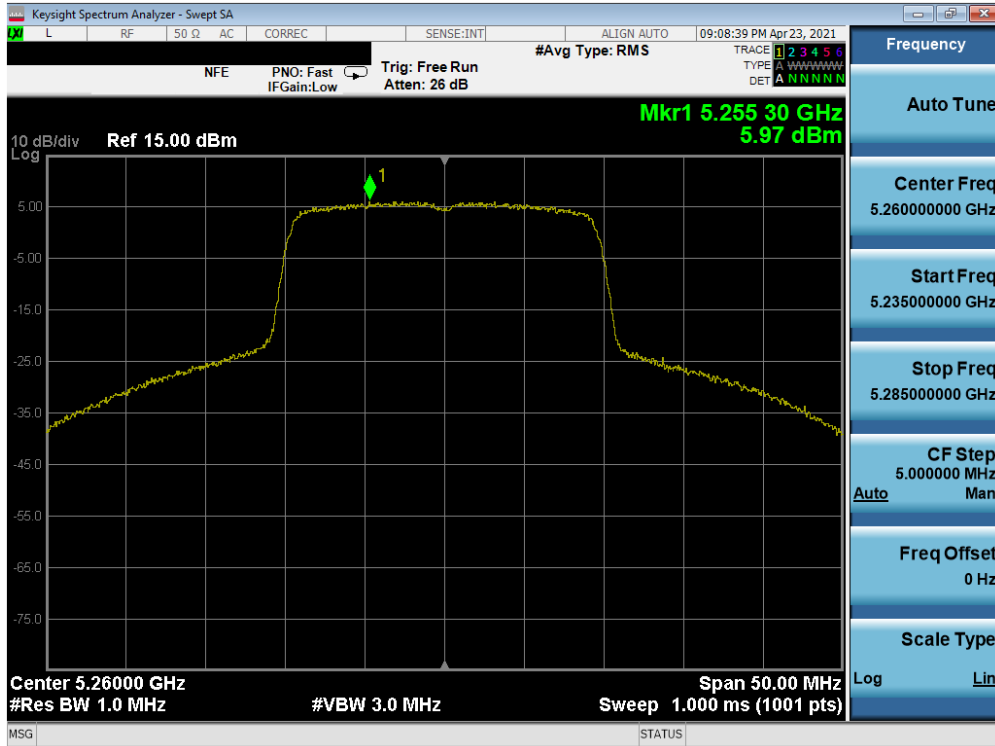


Plot 7-401. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 2A) – Ch. 56)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 241 of 509

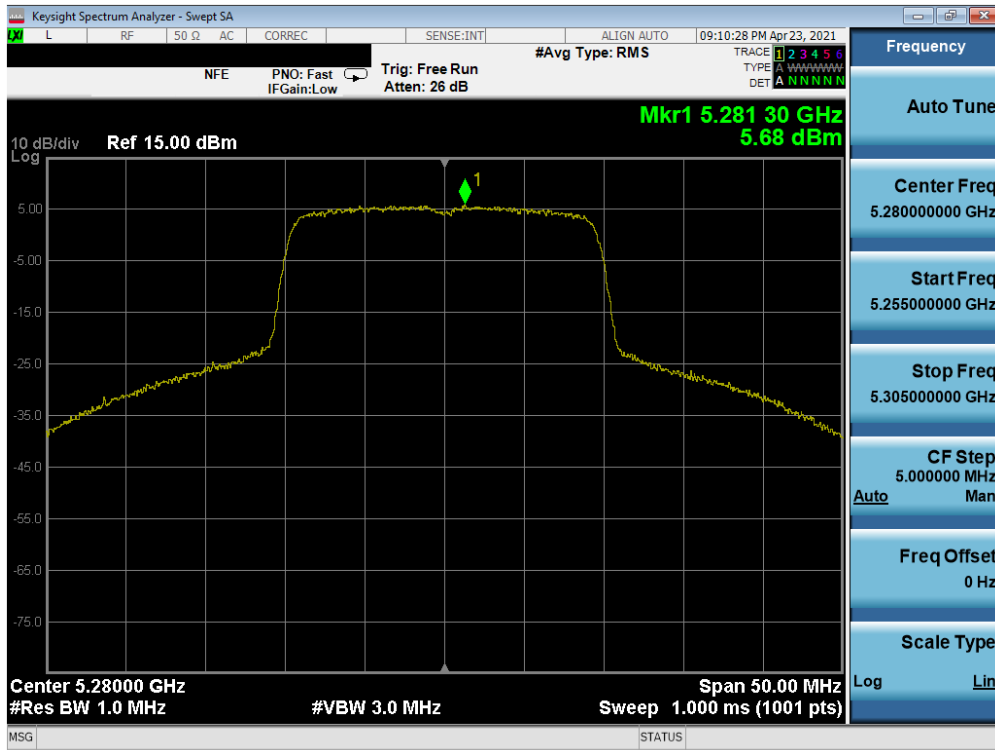


Plot 7-402. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 2A) – Ch. 64)

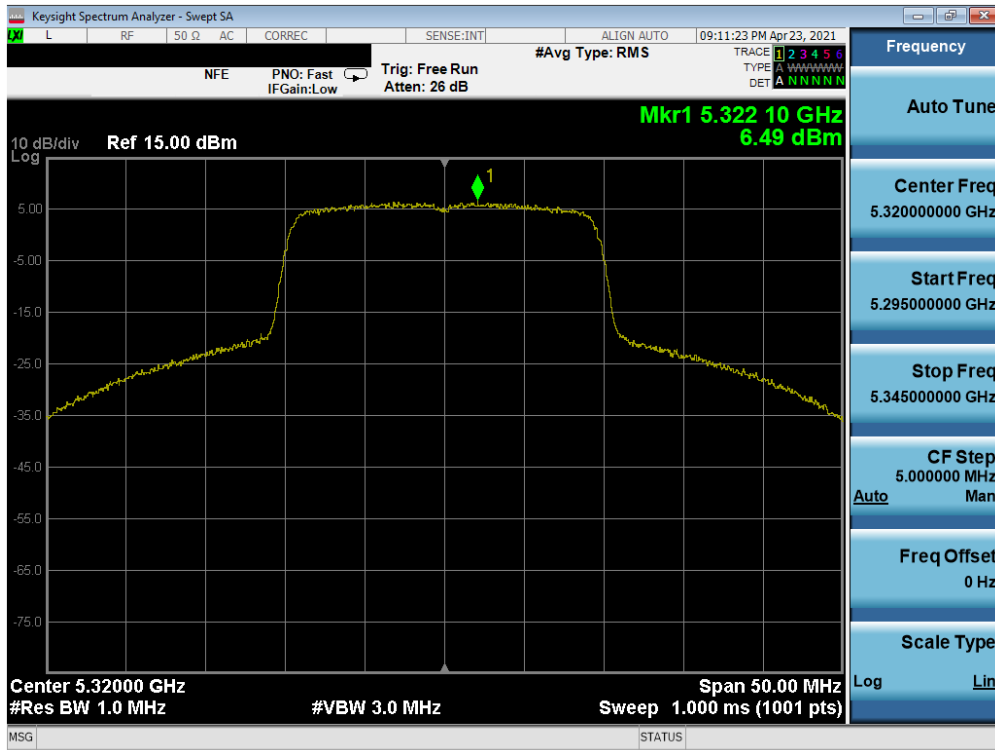


Plot 7-403. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 52)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 242 of 509

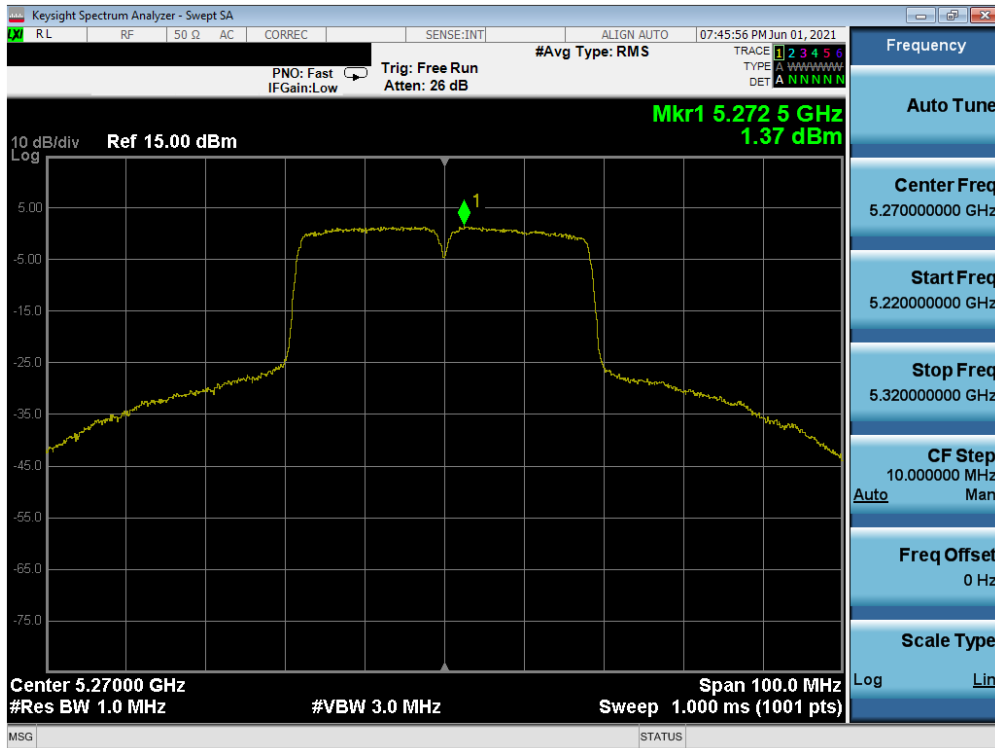


Plot 7-404. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 56)

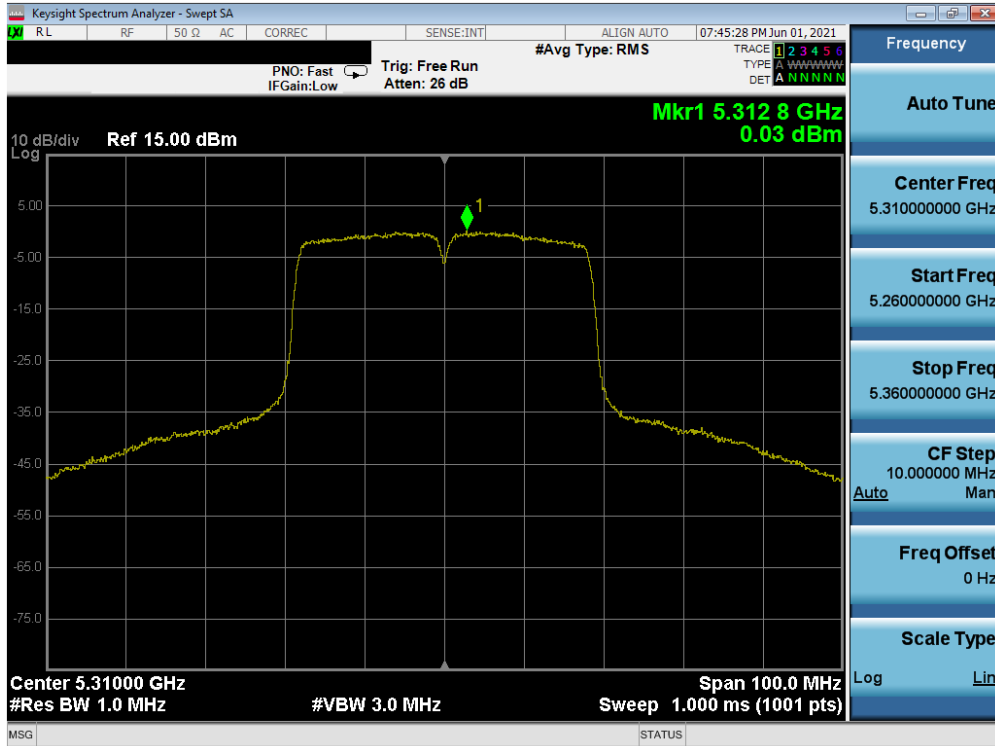


Plot 7-405. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 64)

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 243 of 509

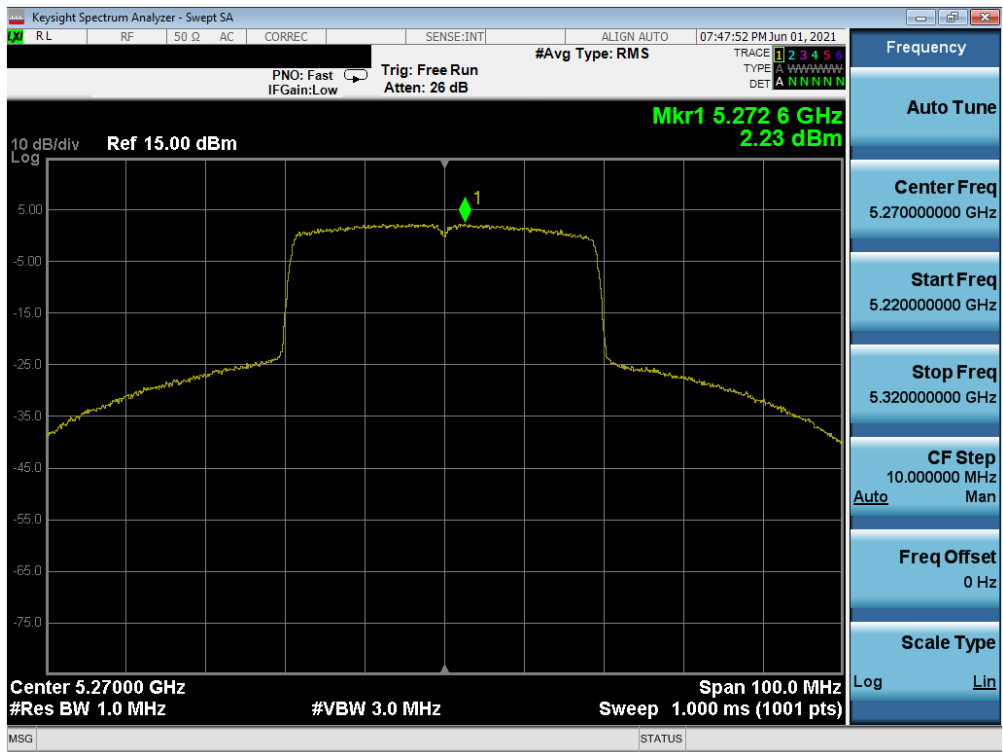


Plot 7-406. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 2A) – Ch. 54)

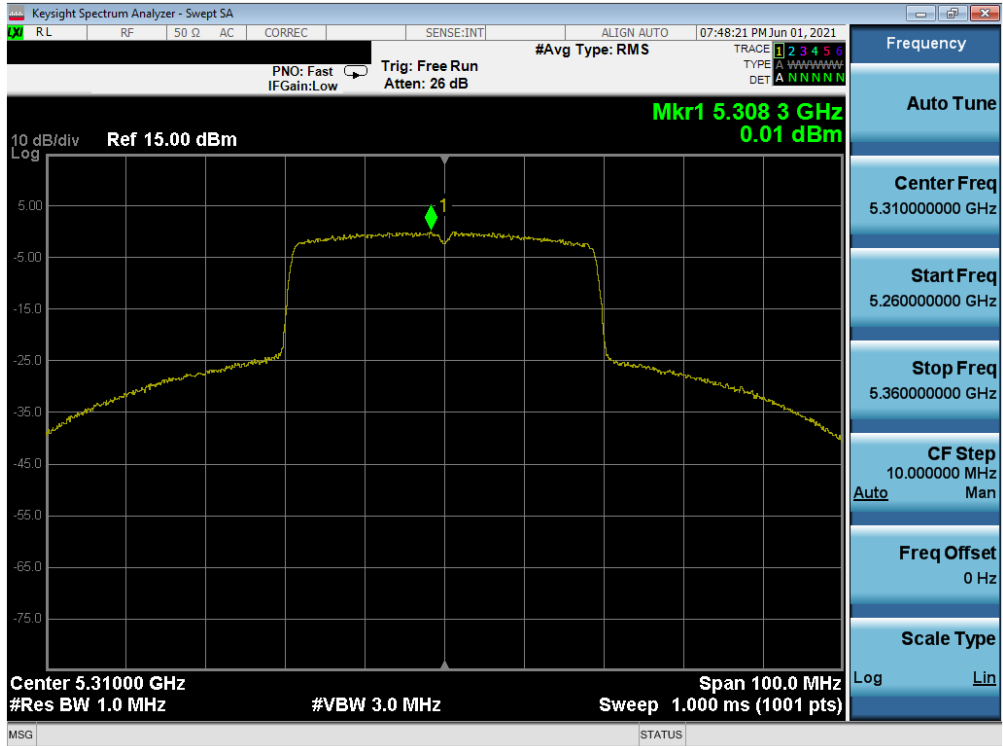


Plot 7-407. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 2A) – Ch. 62)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 244 of 509

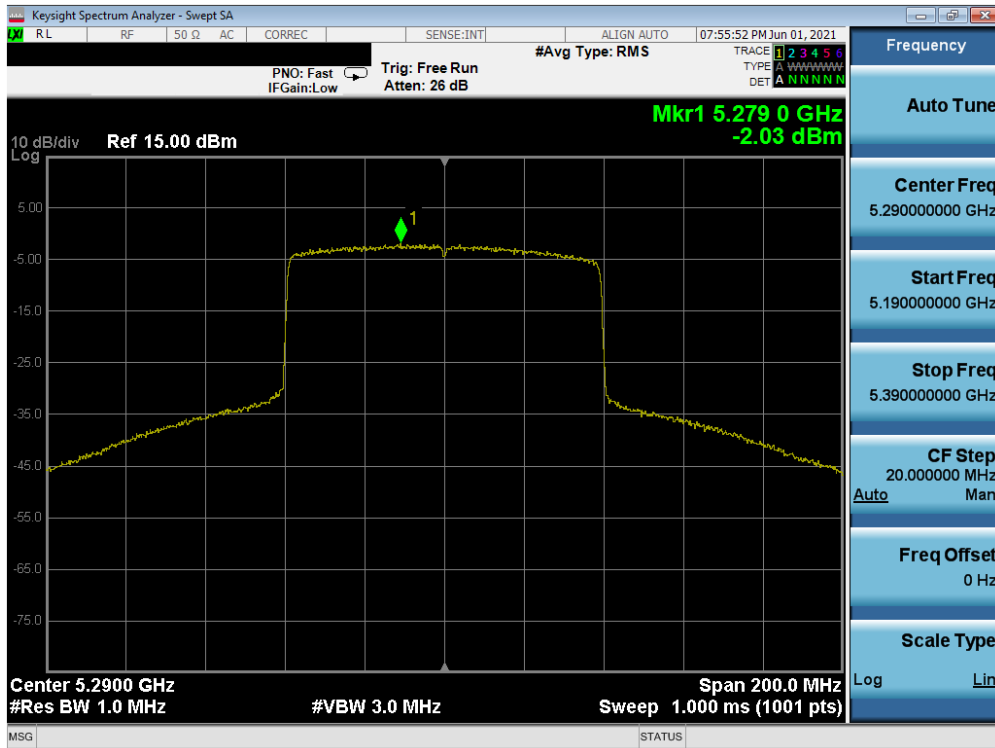


Plot 7-408. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (UNII Band 2A) – Ch. 54)

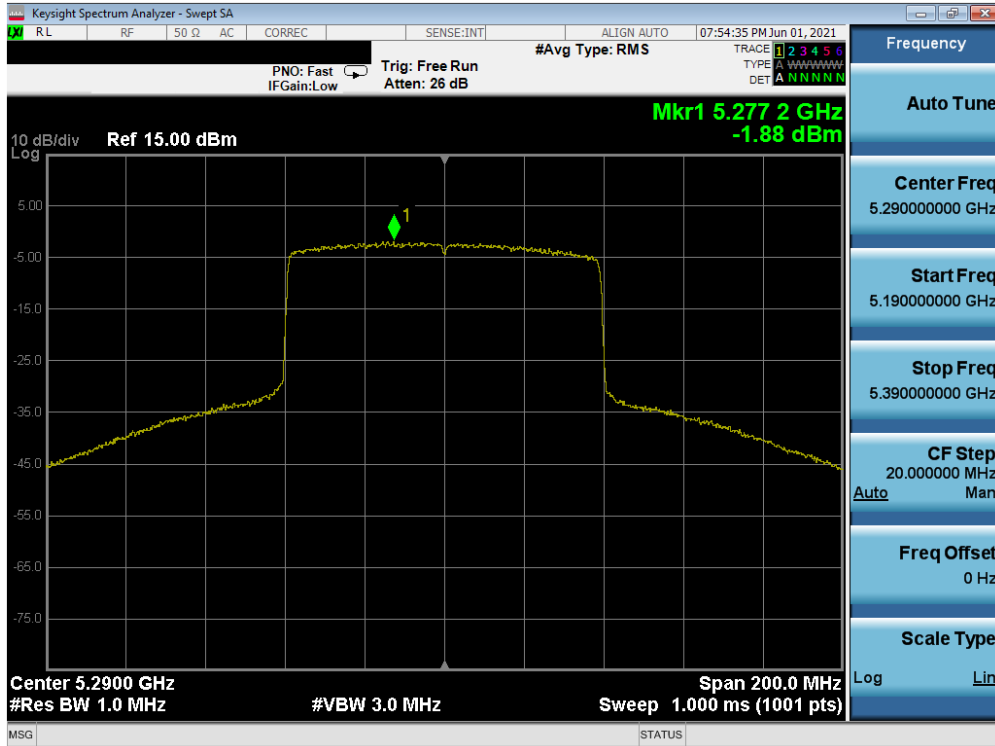


Plot 7-409. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (UNII Band 2A) – Ch. 62)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset			Page 245 of 509

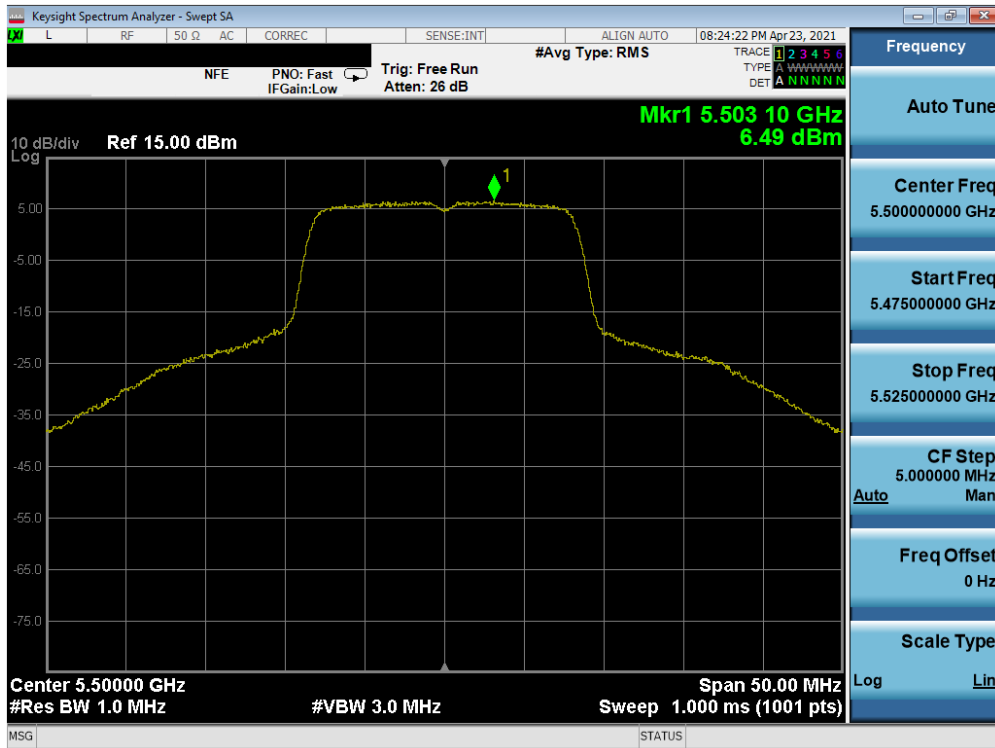


Plot 7-410. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ac (UNII Band 2A) – Ch. 58)

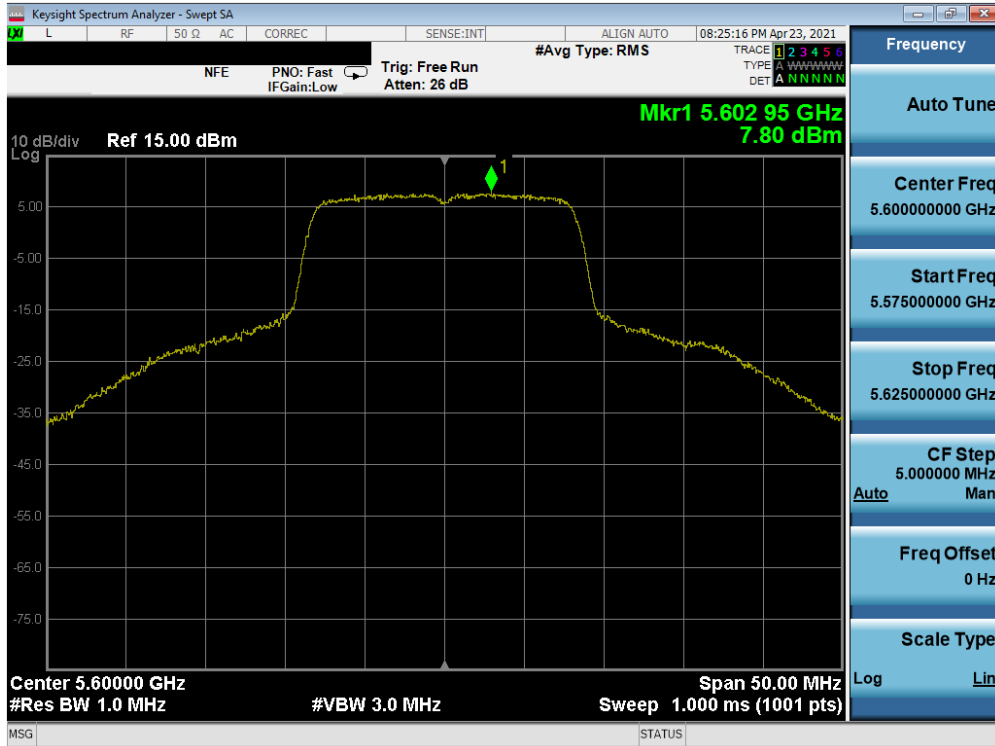


Plot 7-411. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax (UNII Band 2A) – Ch. 58)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 246 of 509

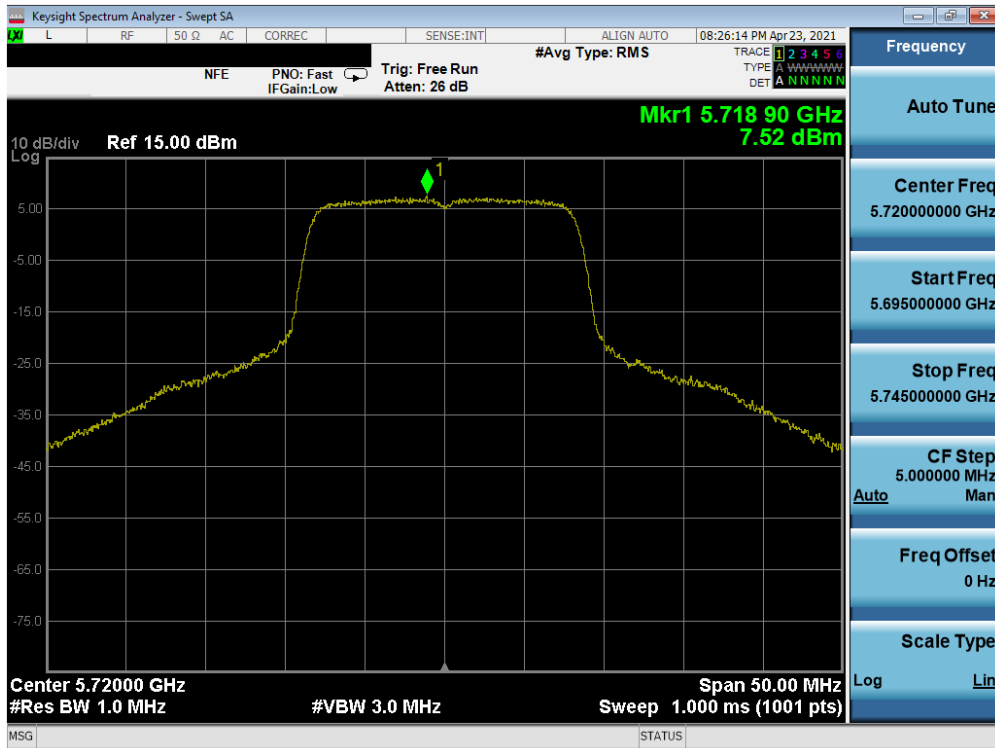


Plot 7-412. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 2C) – Ch. 100)

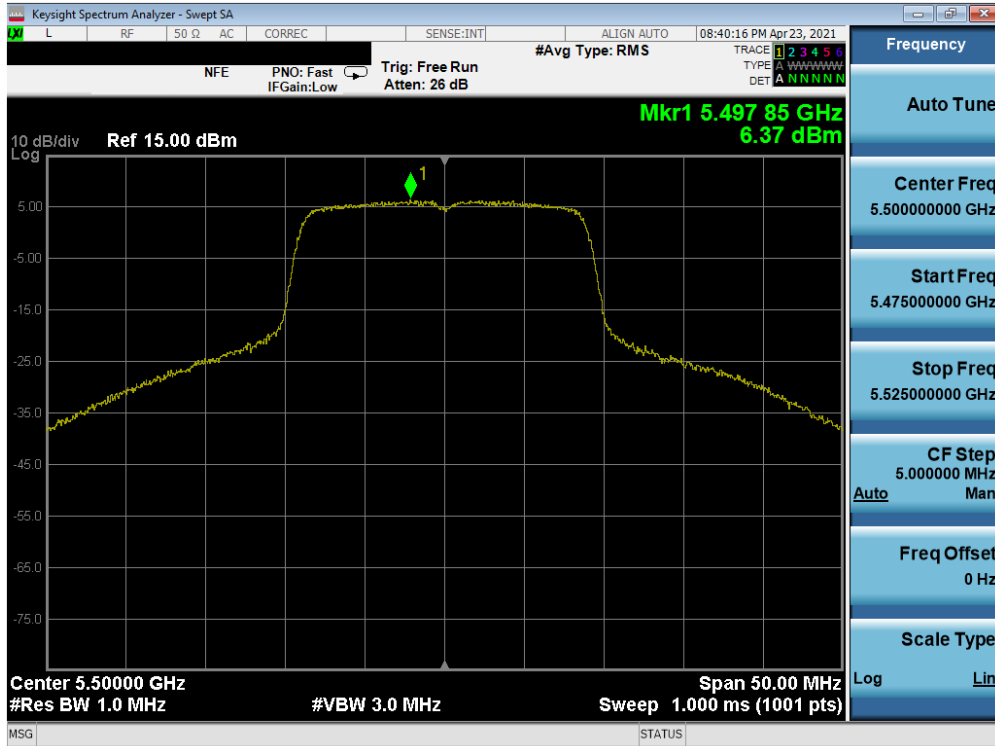


Plot 7-413. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 2C) – Ch. 120)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 247 of 509

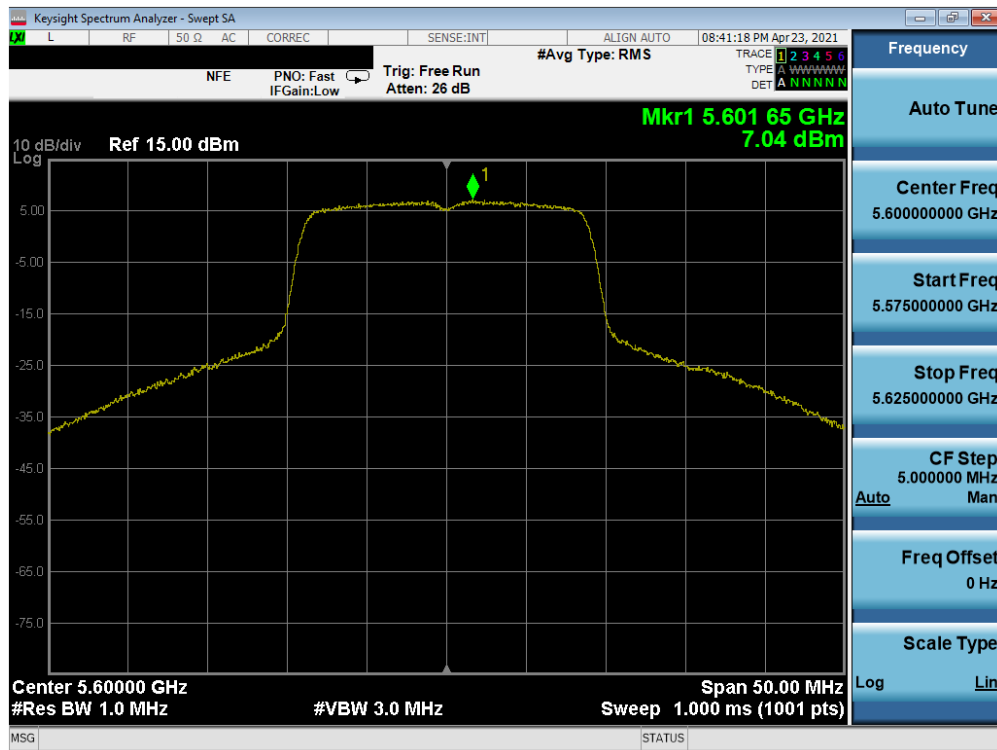


Plot 7-414. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 2C) – Ch. 144)

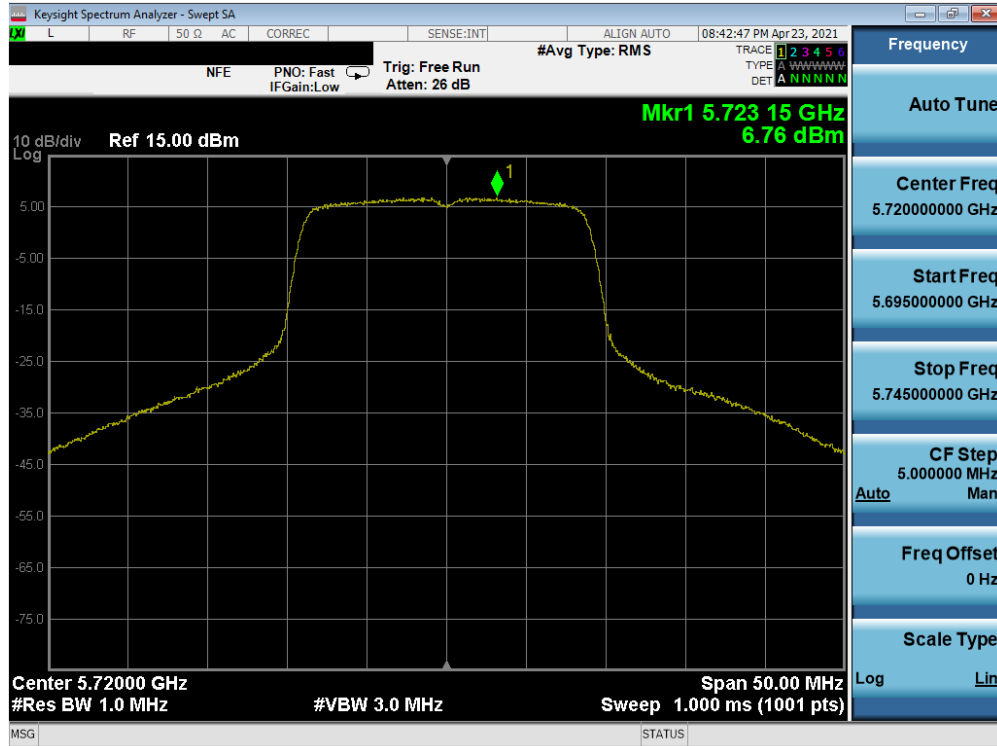


Plot 7-415. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 2C) – Ch. 100)

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 248 of 509

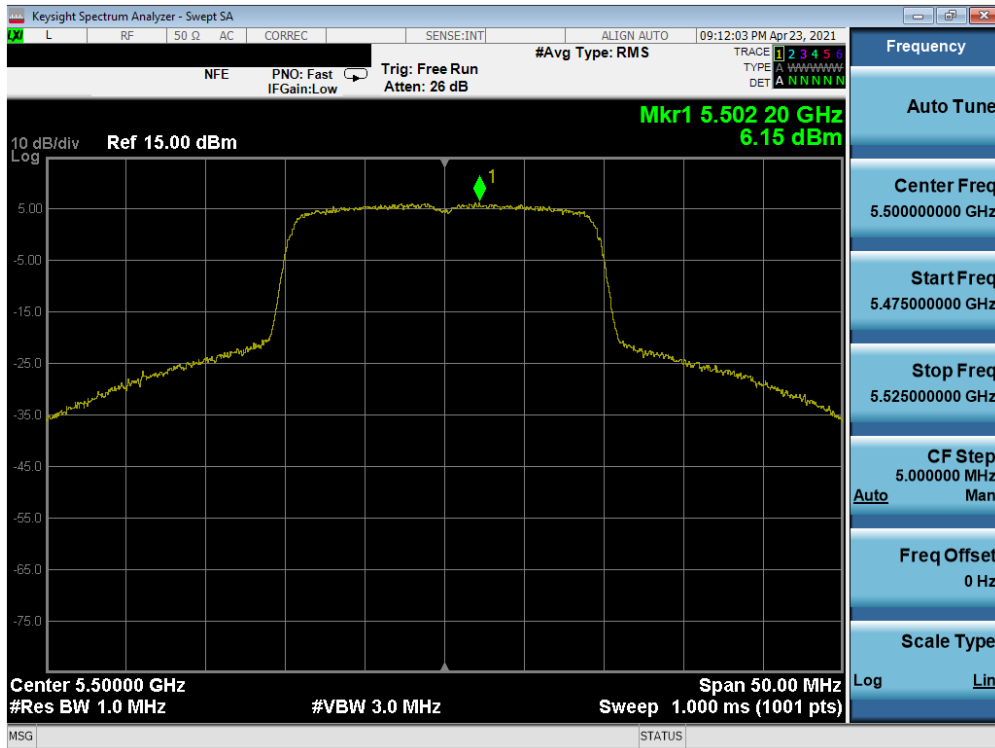


Plot 7-416. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 2C) – Ch. 120)

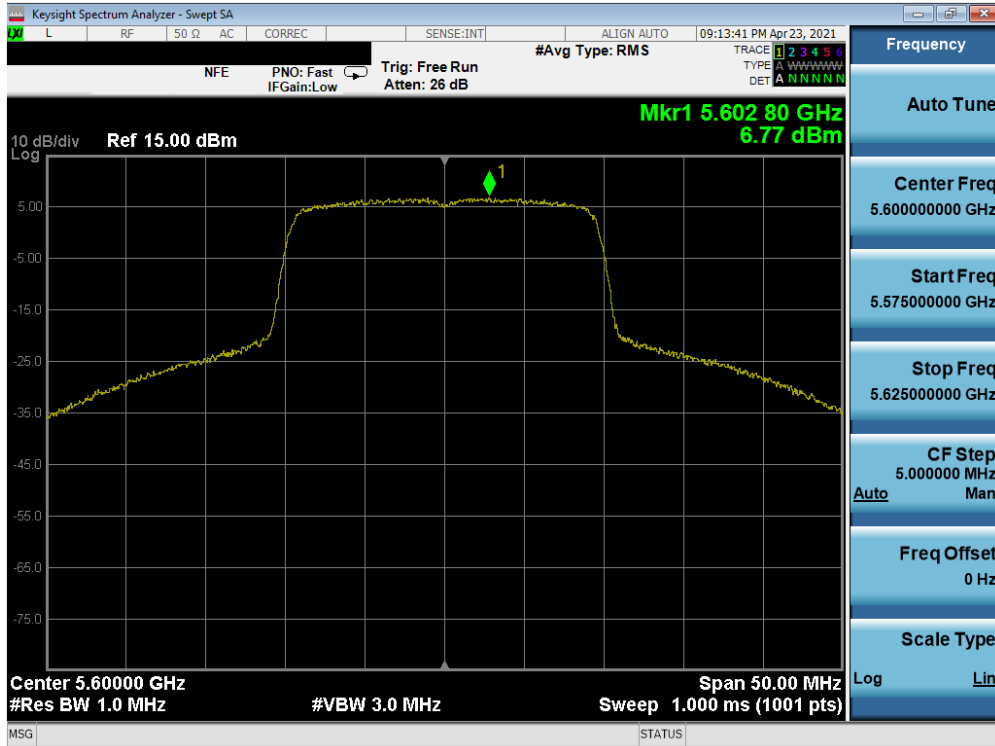


Plot 7-417. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 2C) – Ch. 144)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 249 of 509

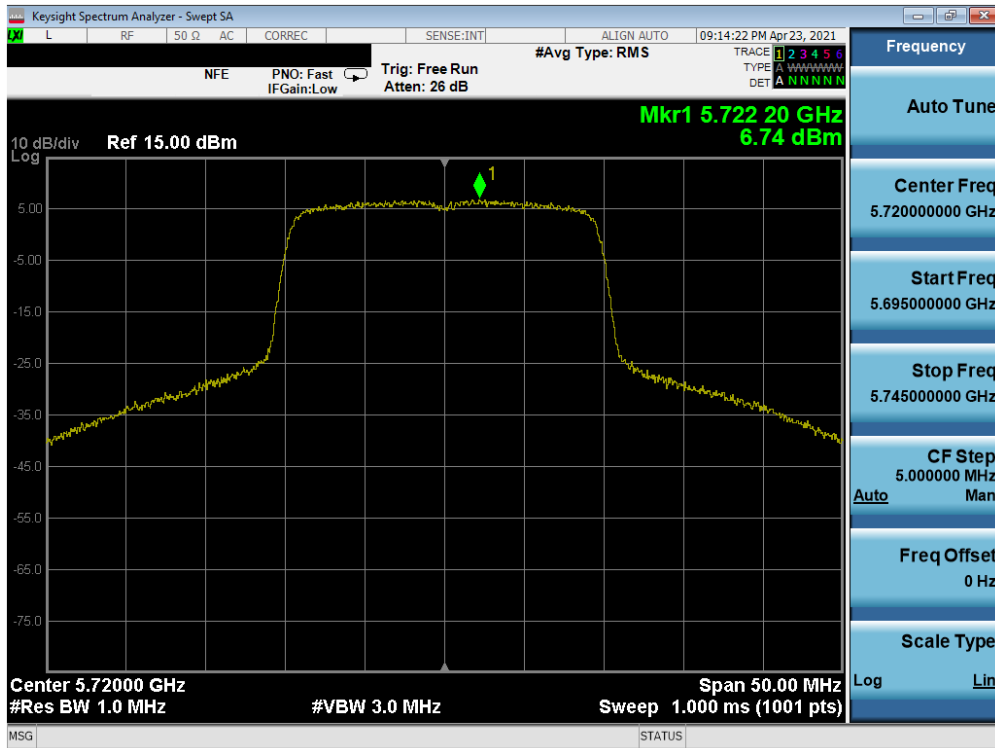


Plot 7-418. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 100)

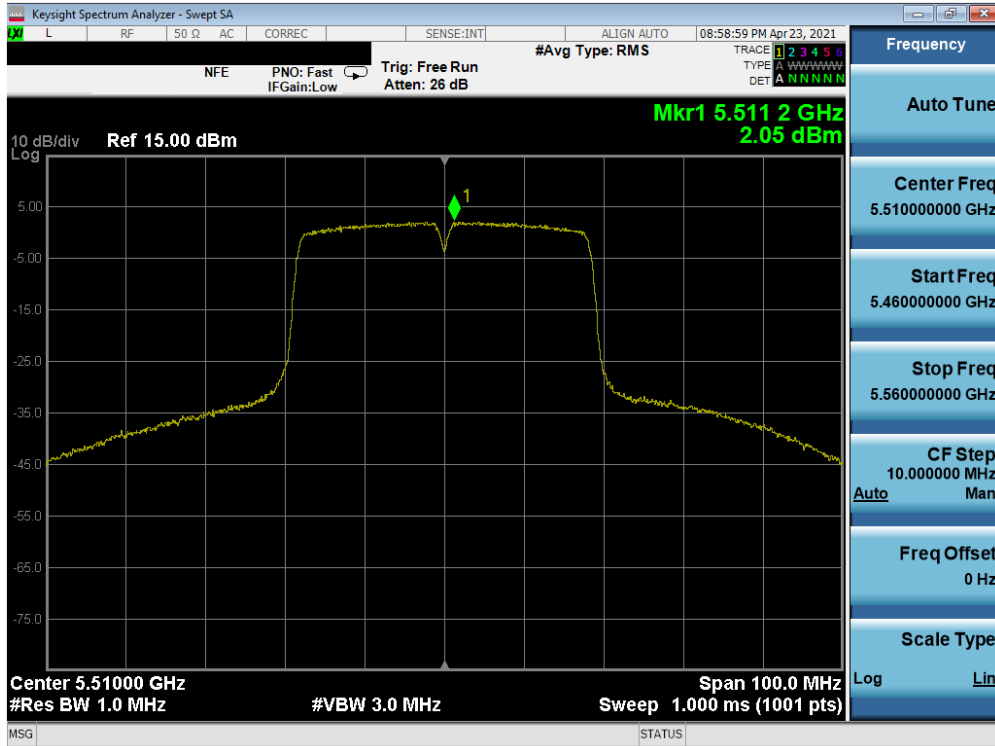


Plot 7-419. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 120)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 250 of 509

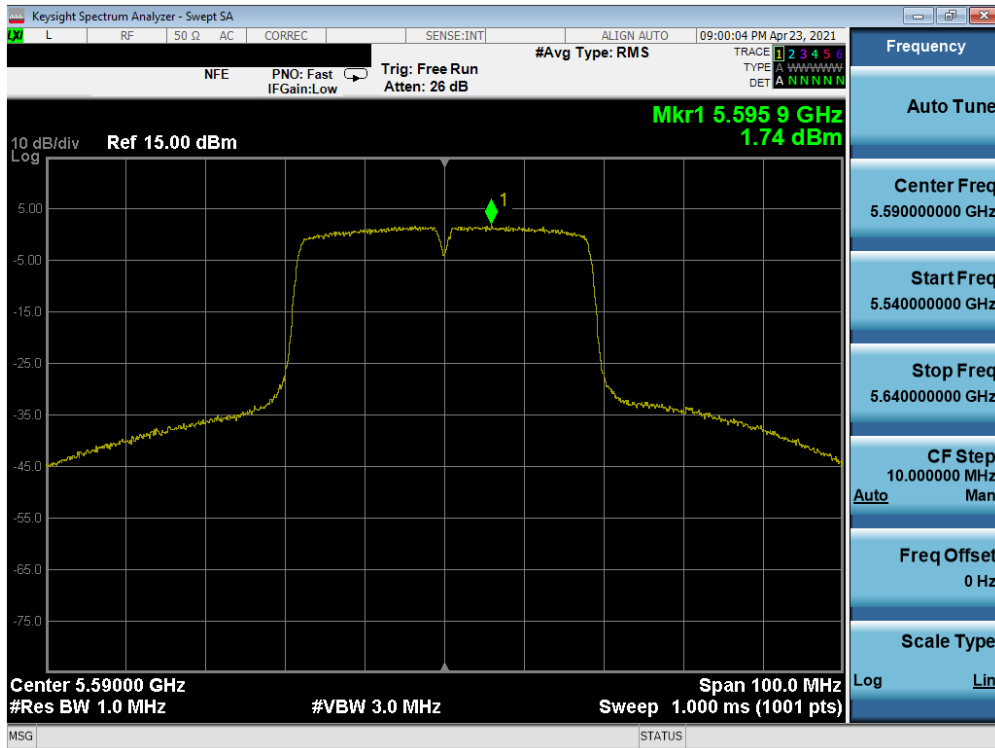


Plot 7-420. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 144)

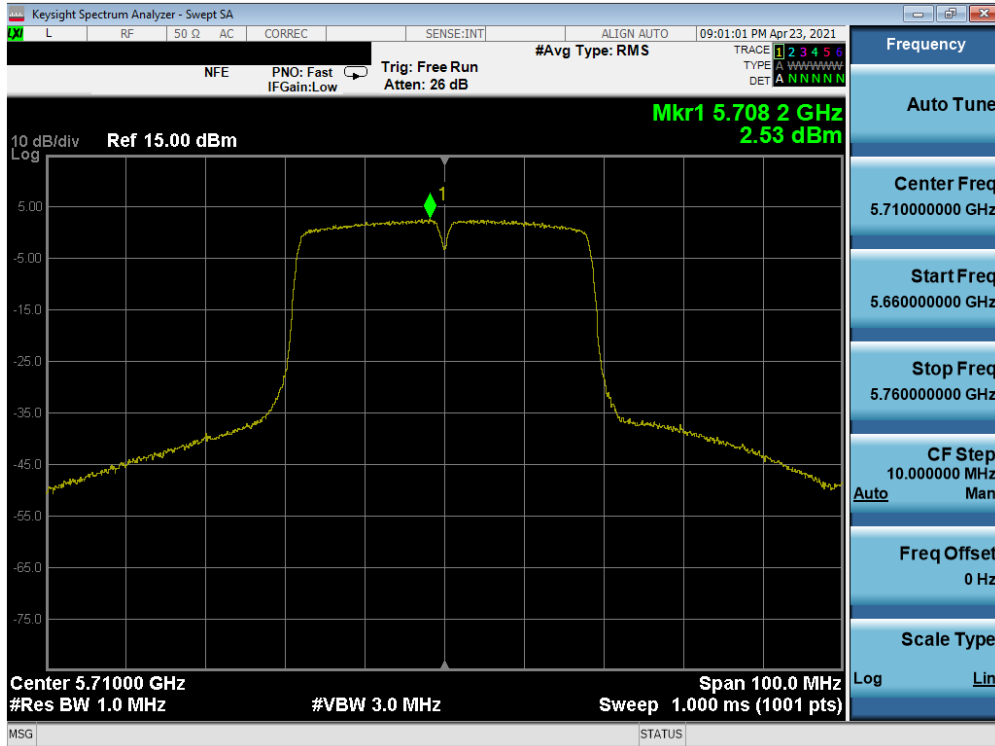


Plot 7-421. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 2C) – Ch. 102)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 251 of 509

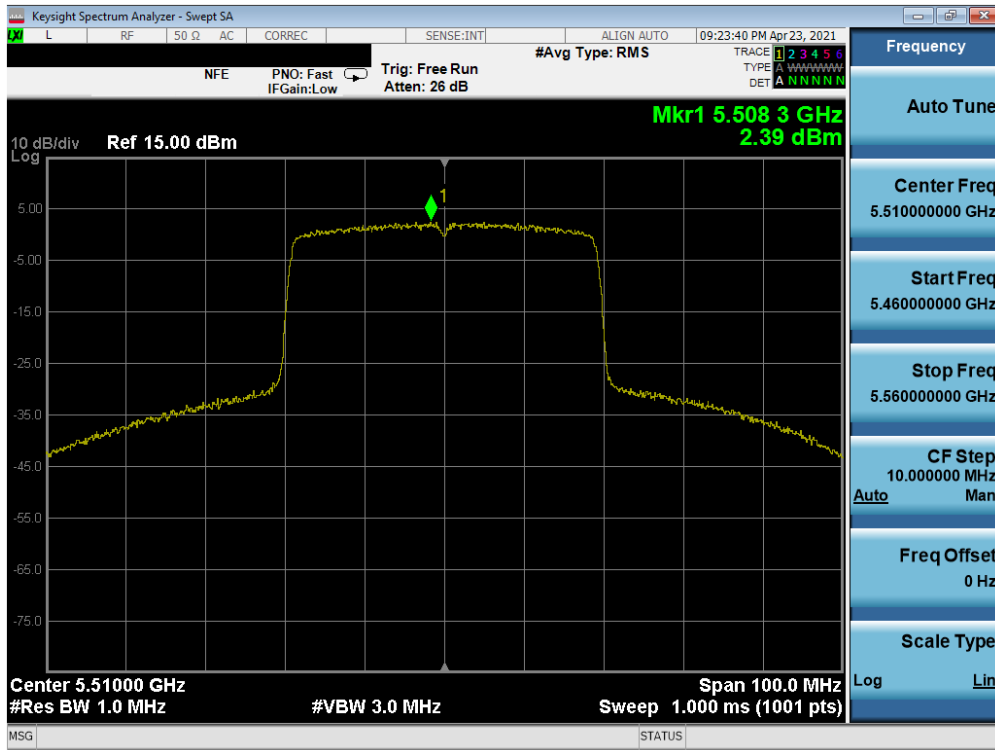


Plot 7-422. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 2C) – Ch. 118)

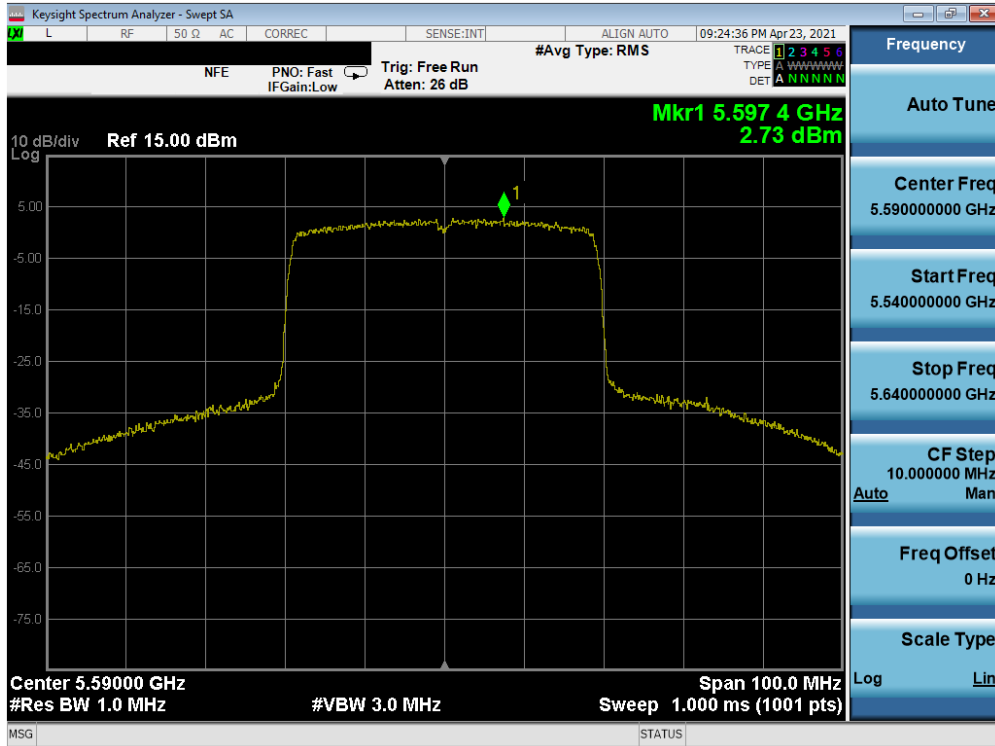


Plot 7-423. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 2C) – Ch. 142)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 252 of 509

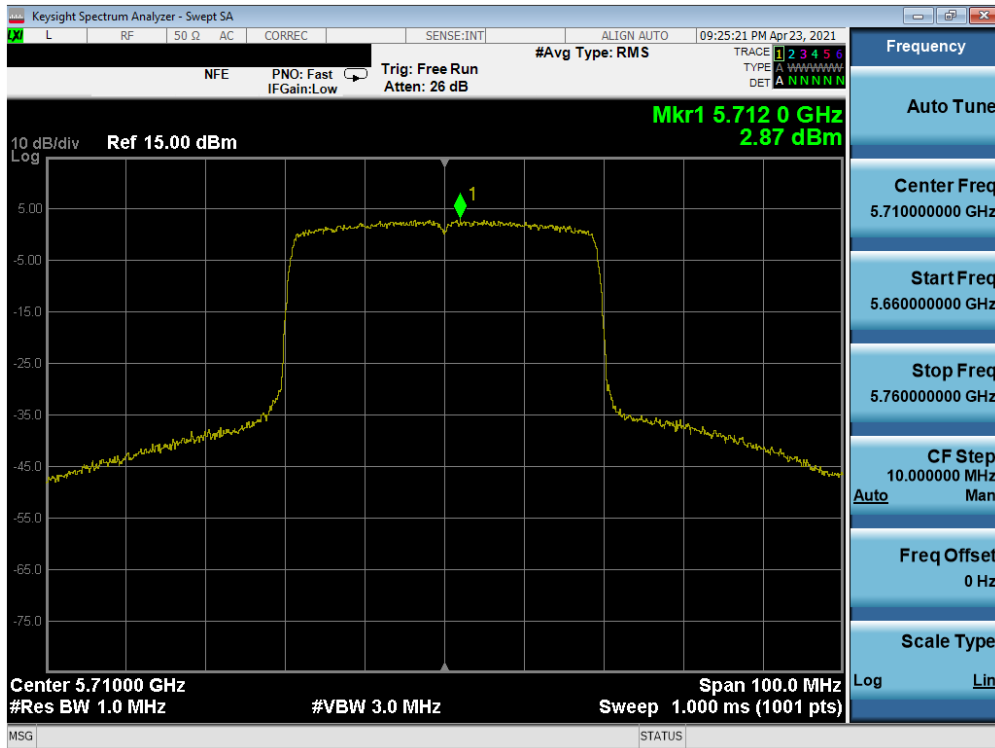


Plot 7-424. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 102)

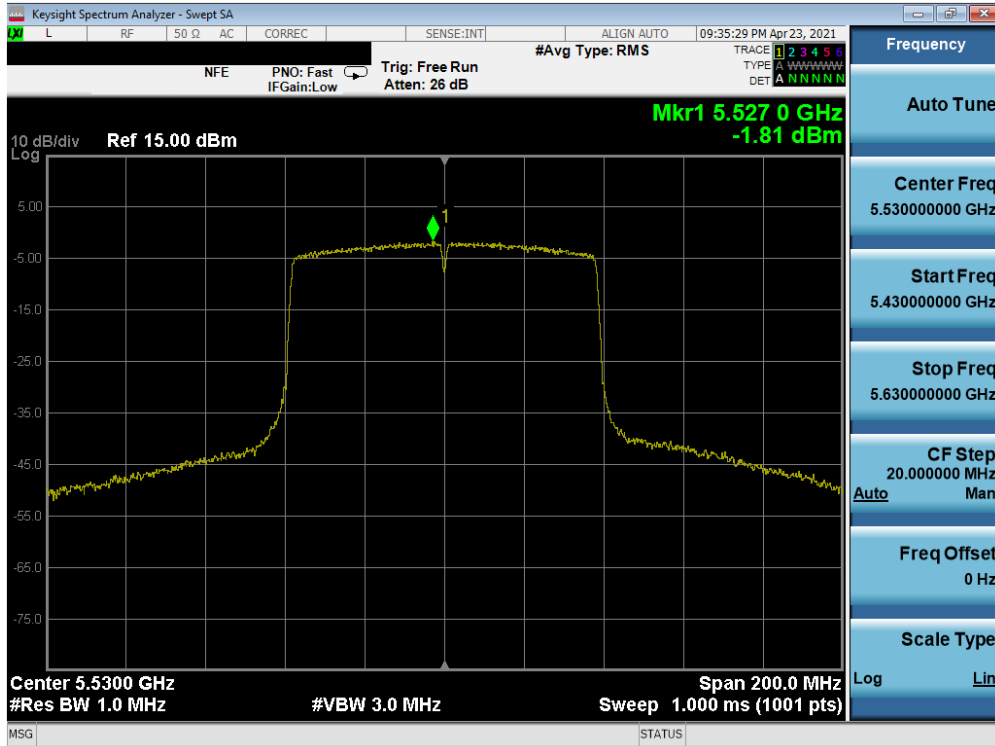


Plot 7-425. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 118)

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 253 of 509

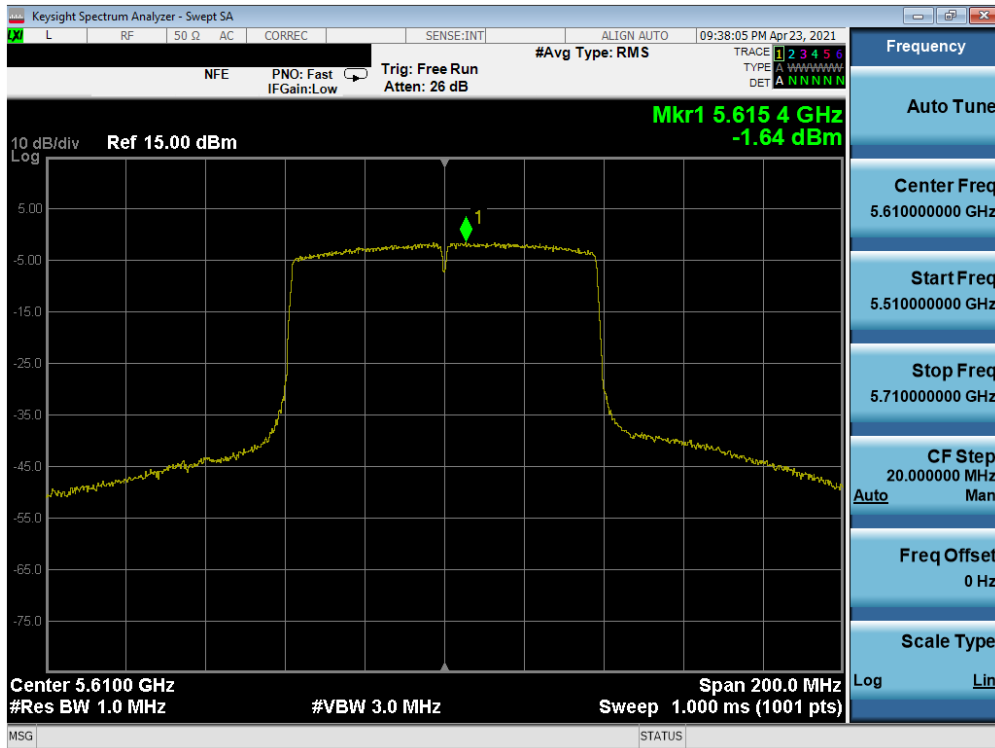


Plot 7-426. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 142)

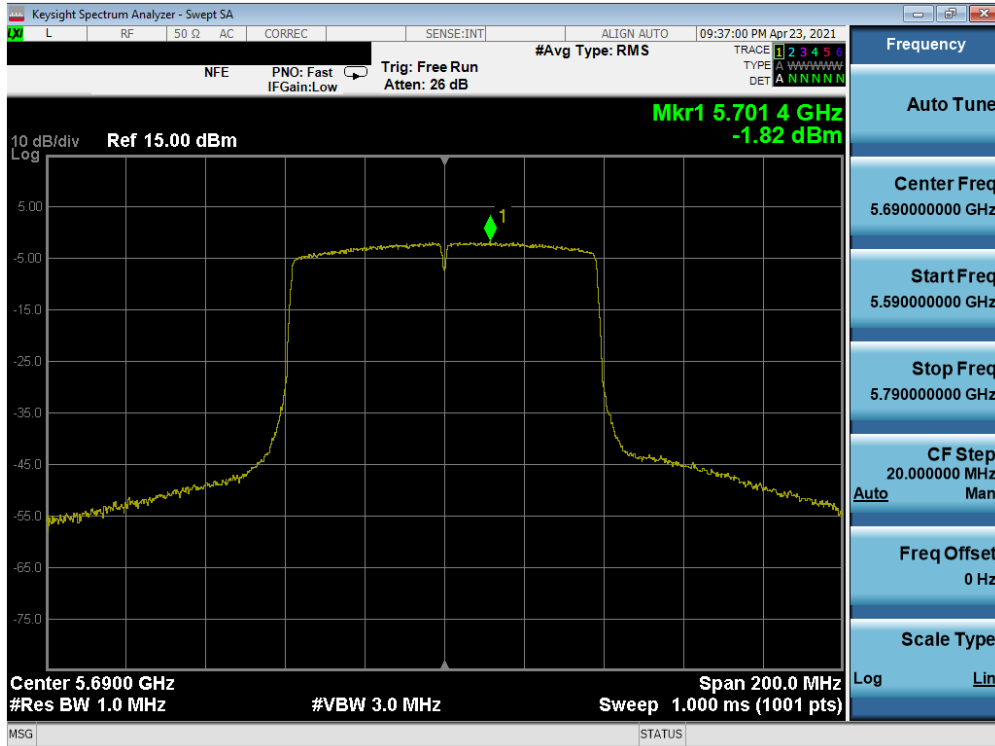


Plot 7-427. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 106)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 254 of 509

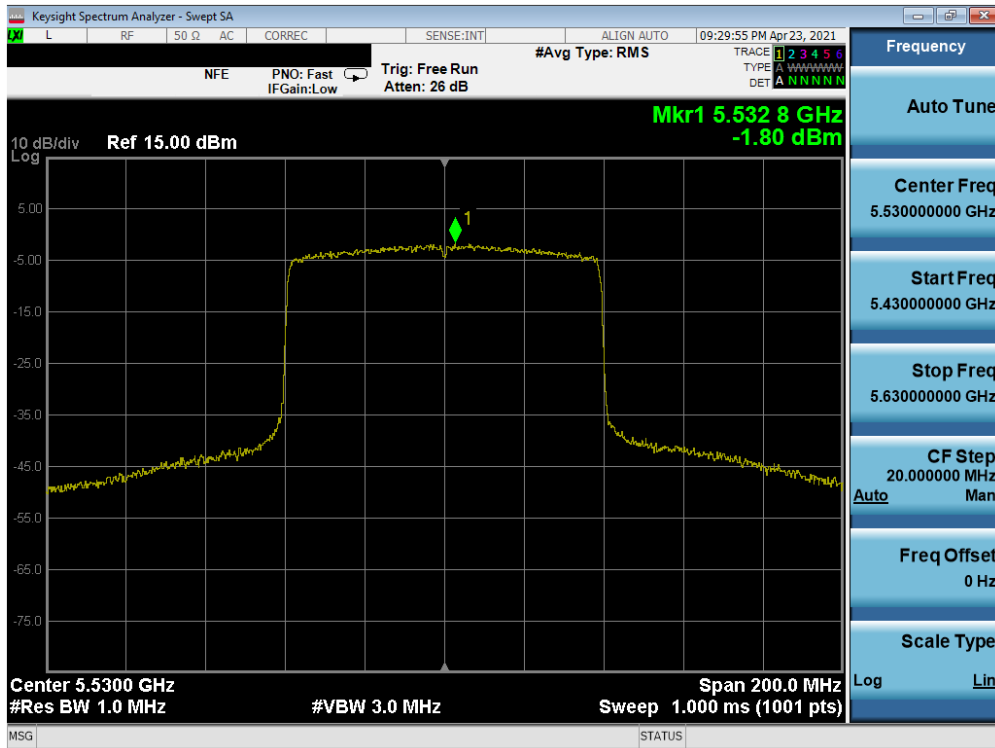


Plot 7-428. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 122)

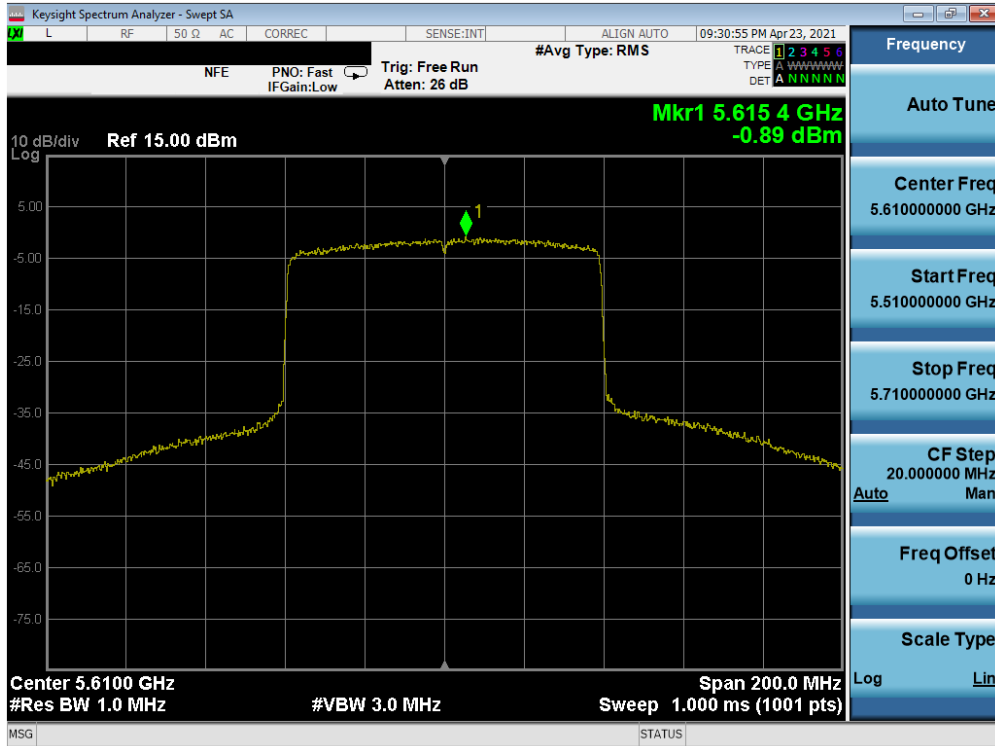


Plot 7-429. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 138)

FCC ID: A3LSMF711U	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 255 of 509

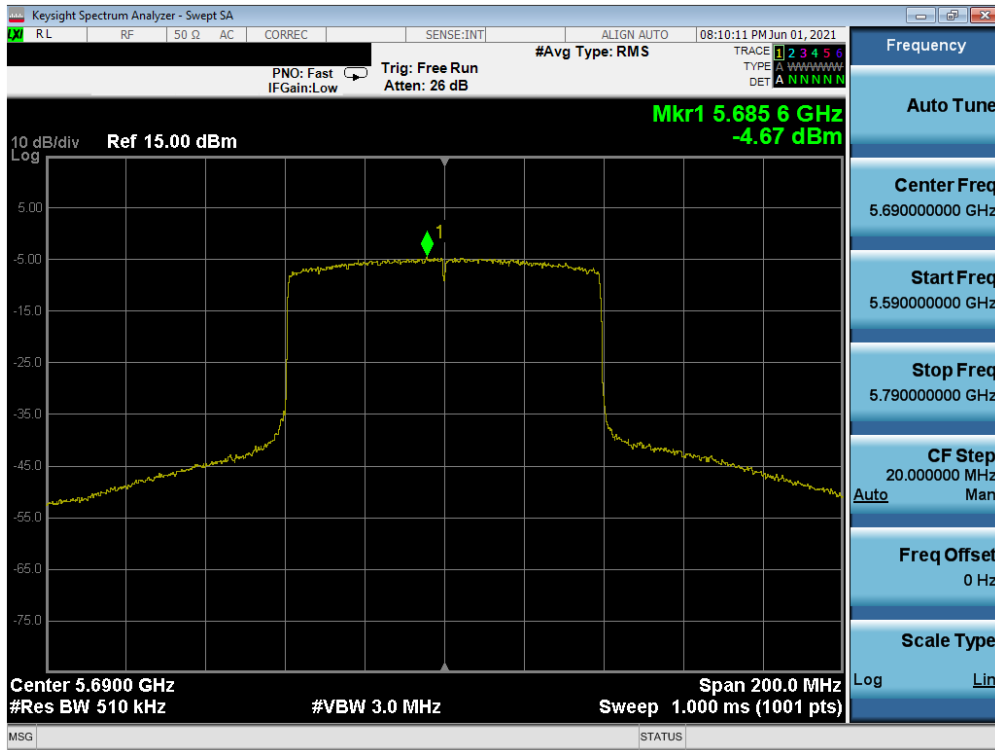


Plot 7-430. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 106)



Plot 7-431. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 122)

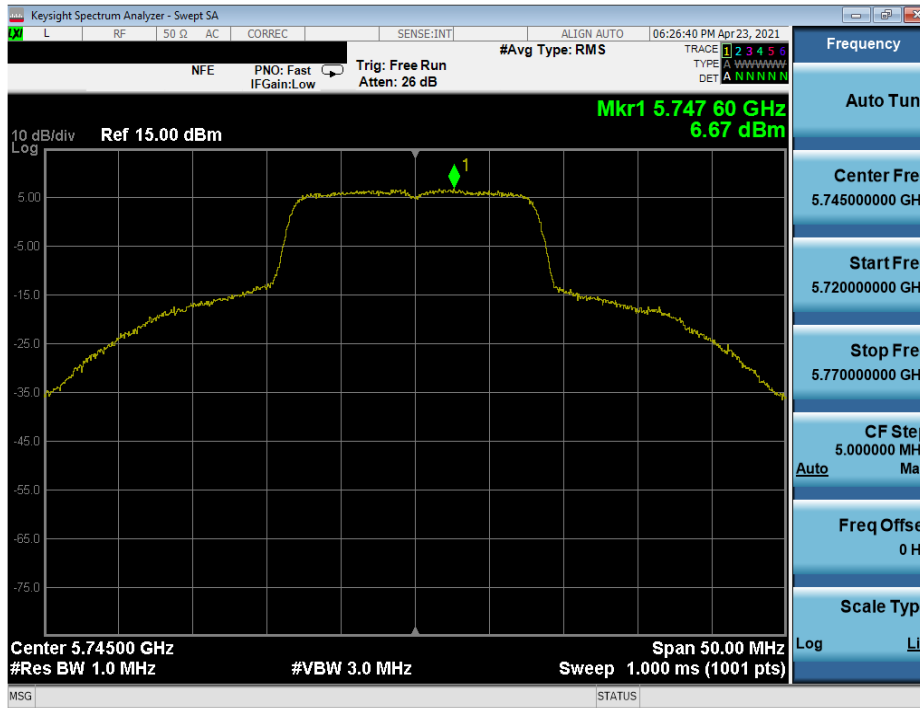
FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 256 of 509



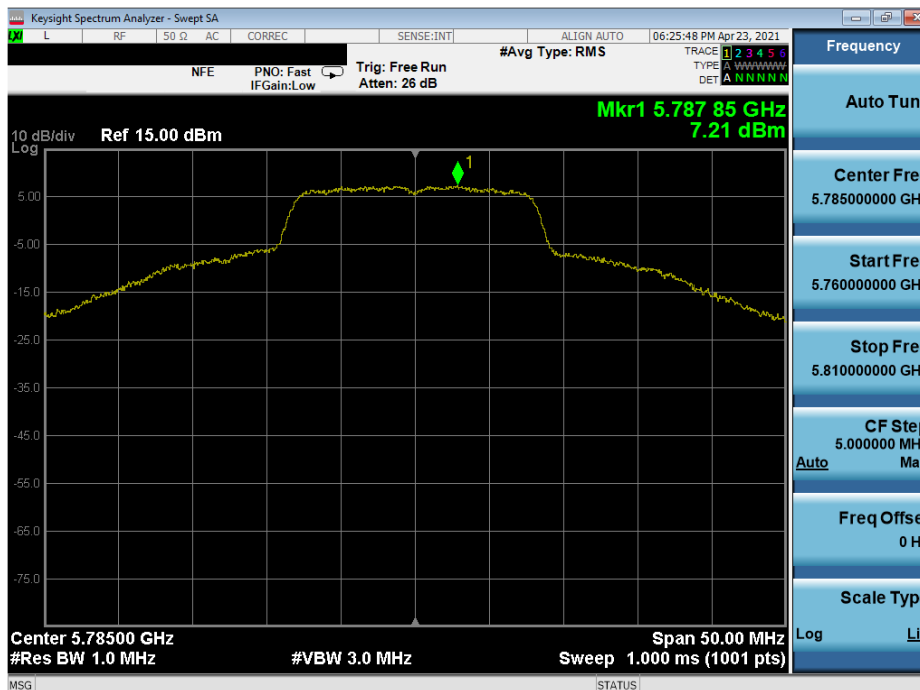
Plot 7-432. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 138)

FCC ID: A3LSMF711U	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 257 of 509

MIMO Antenna-1 Band 3 Power Spectral Density Measurements – N

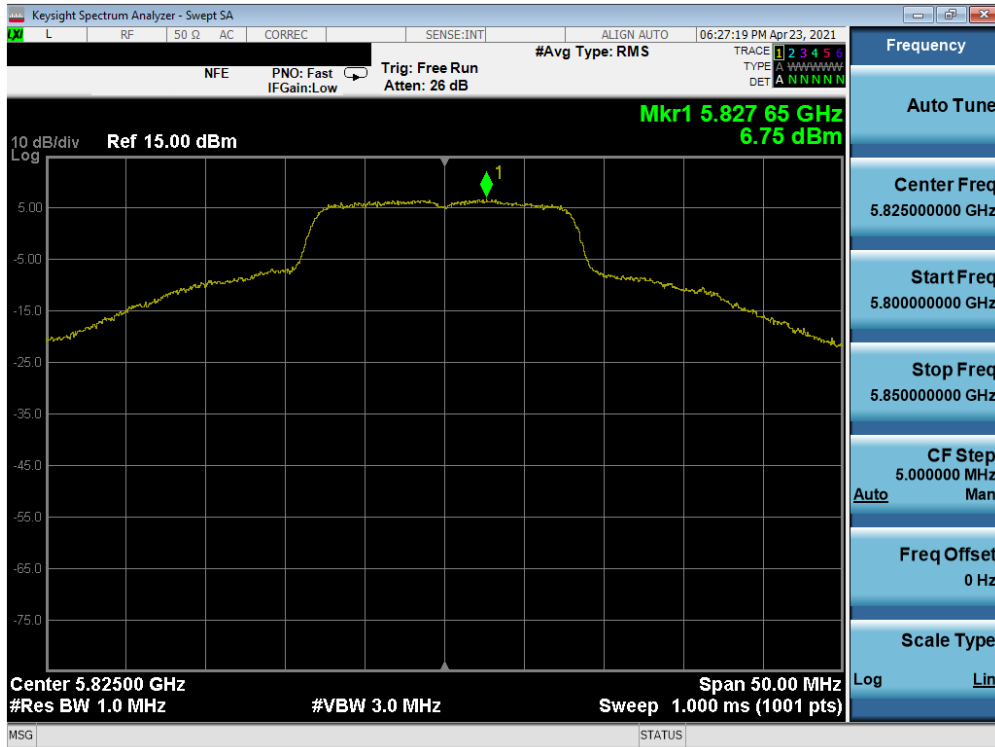


Plot 7-433. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11a (UNII Band 3) – Ch. 149)

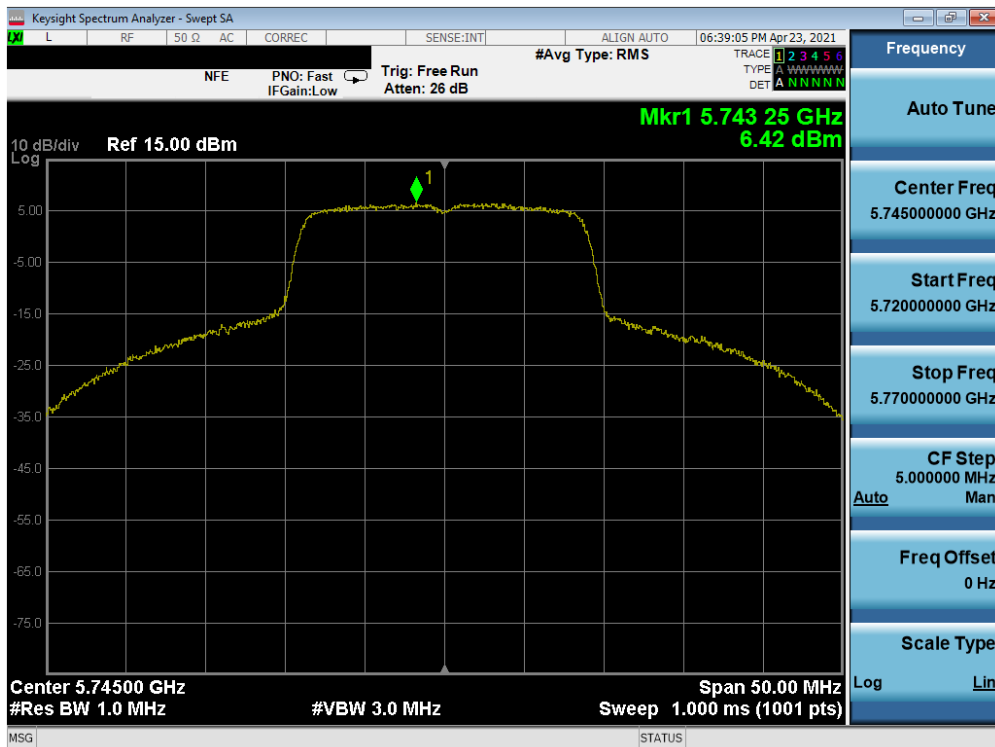


Plot 7-434. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11a (UNII Band 3) – Ch. 157)

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 258 of 509

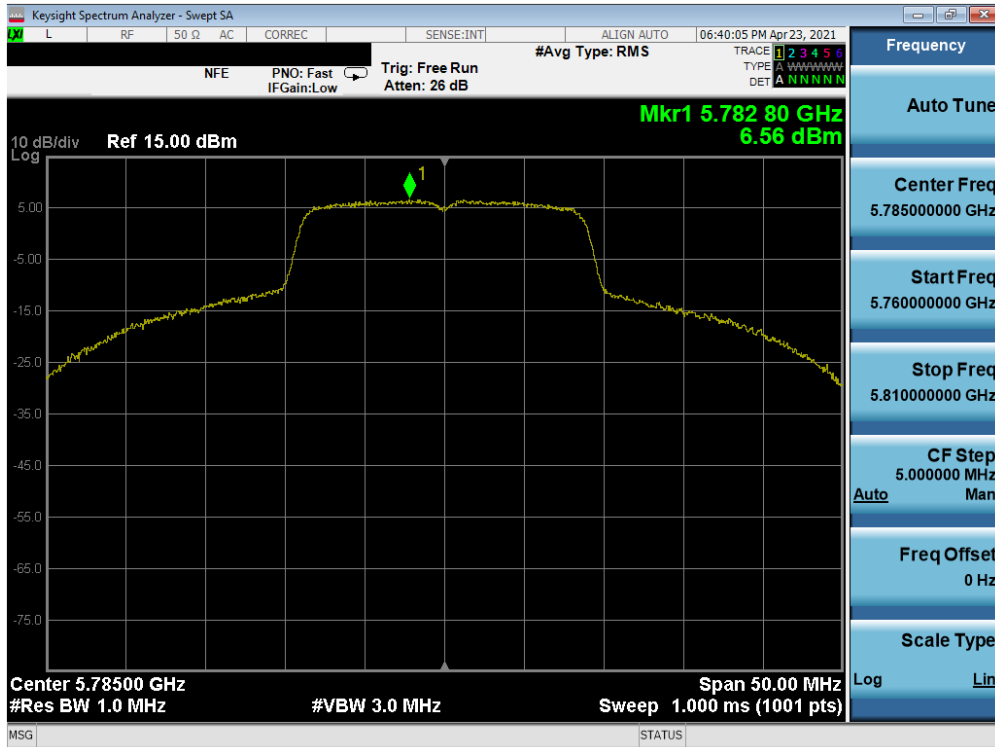


Plot 7-435. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11a (UNII Band 3) – Ch. 165)

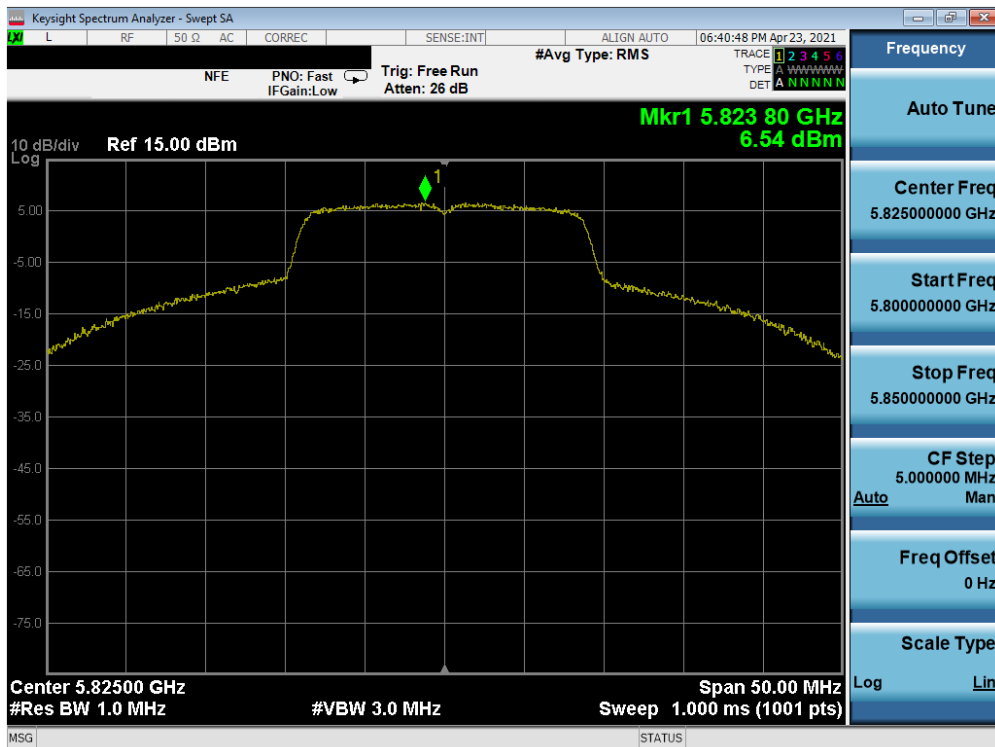


Plot 7-436. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 3) – Ch. 149)

FCC ID: A3LSMF711U	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 259 of 509

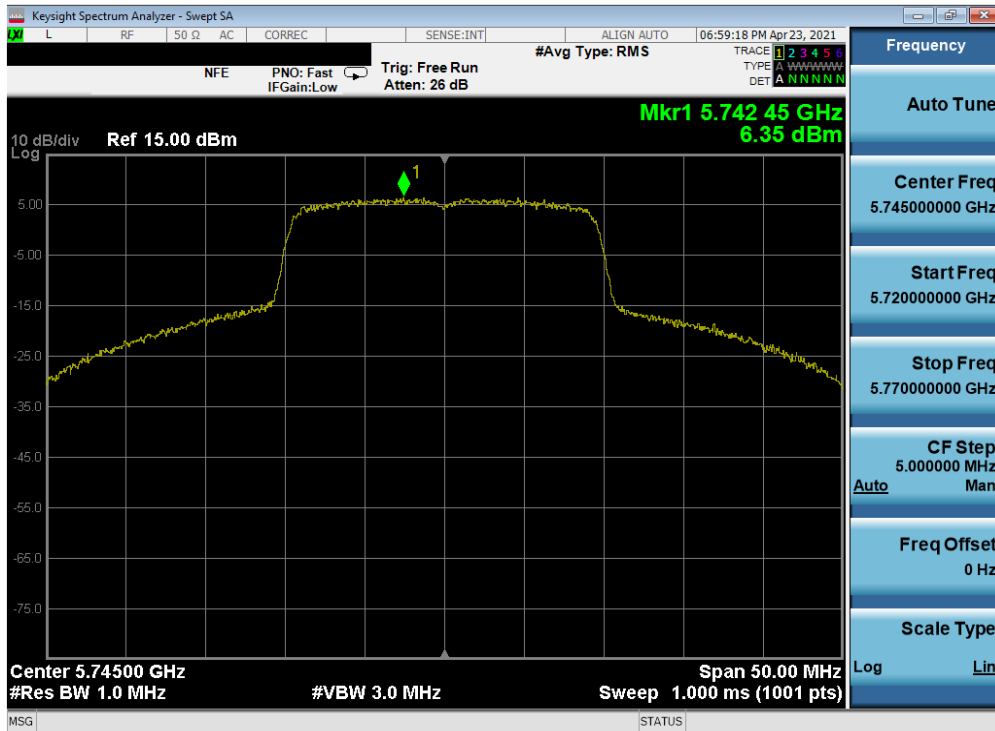


Plot 7-437. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 3) – Ch. 157)

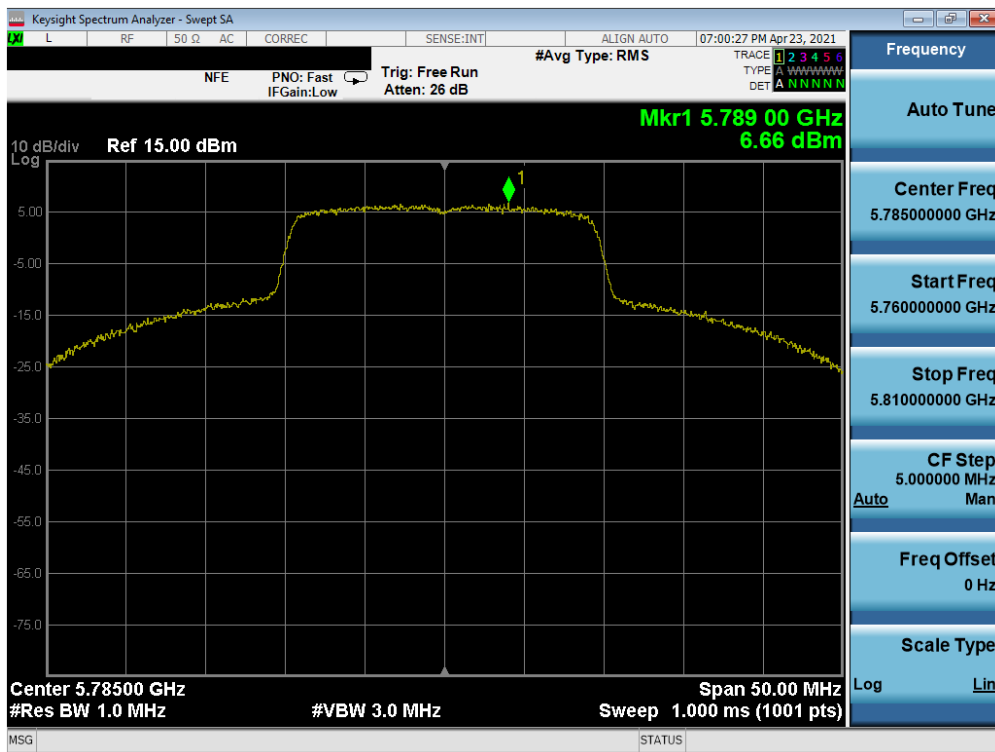


Plot 7-438. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 3) – Ch. 165)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 260 of 509

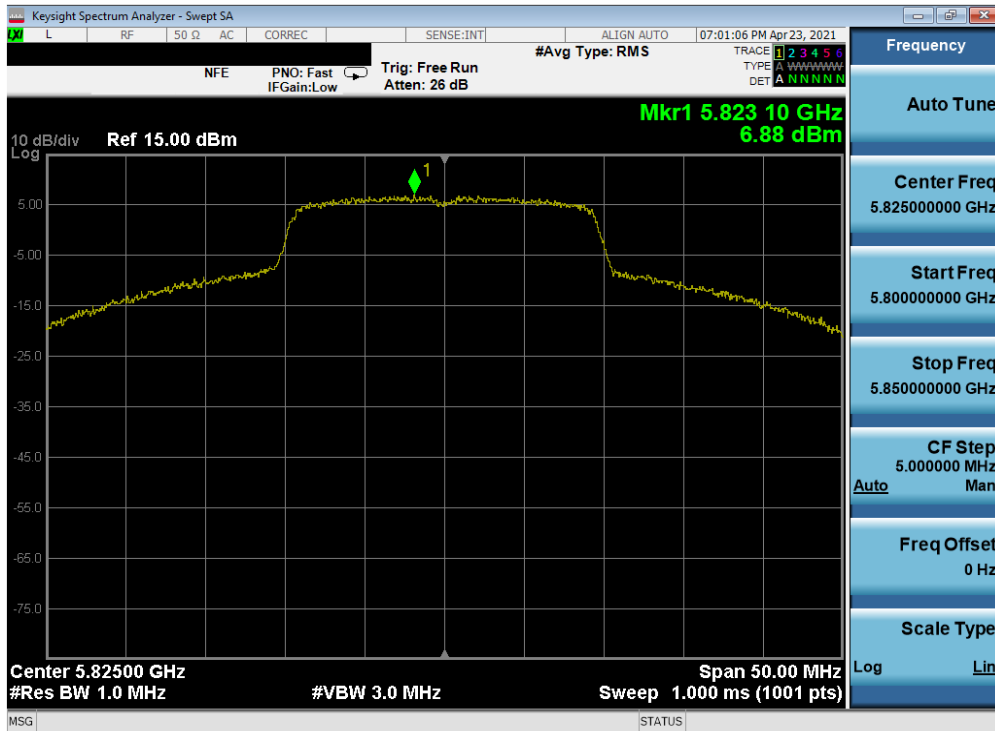


Plot 7-439. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 3) – Ch. 149)

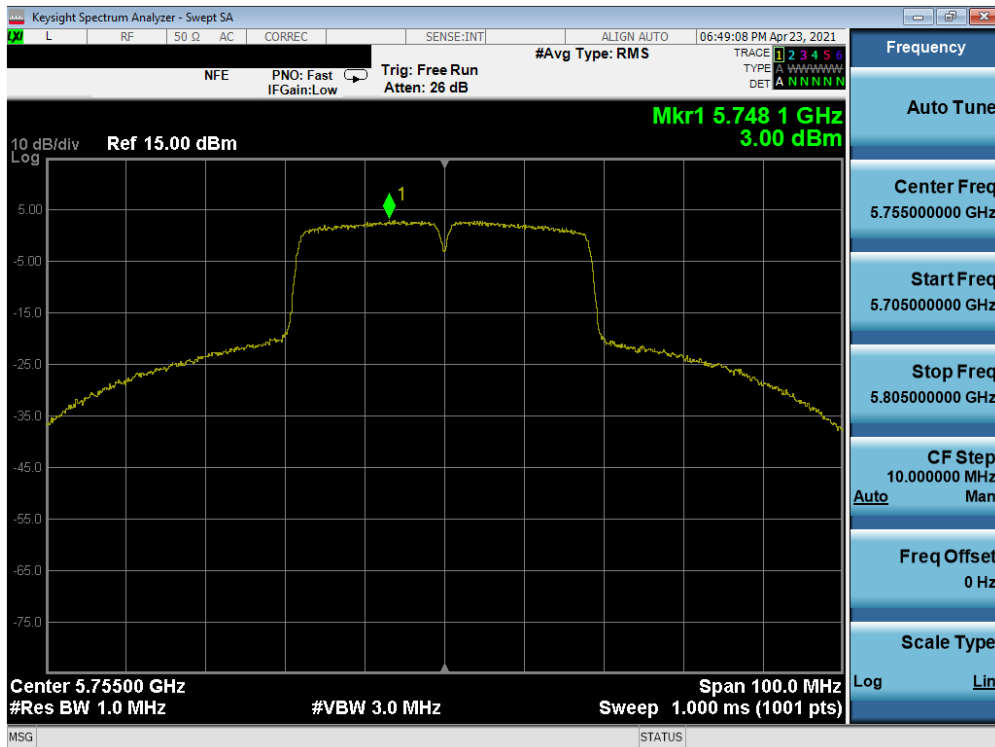


Plot 7-440. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 3) – Ch. 157)

FCC ID: A3LSMF711U	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 261 of 509

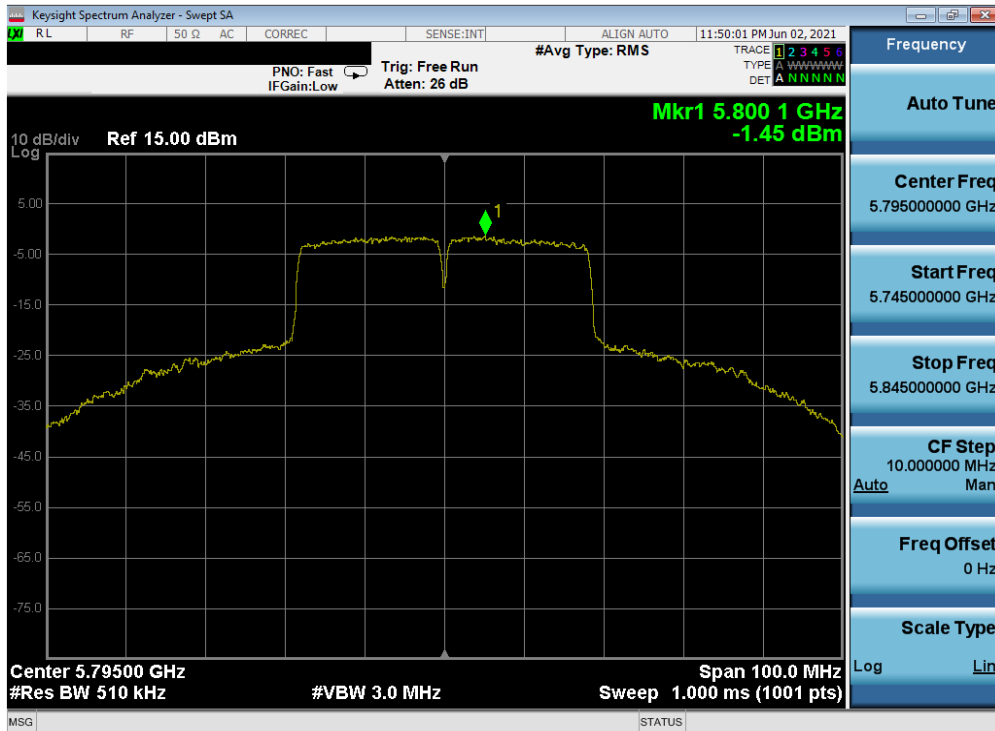


Plot 7-441. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 3) – Ch. 165)

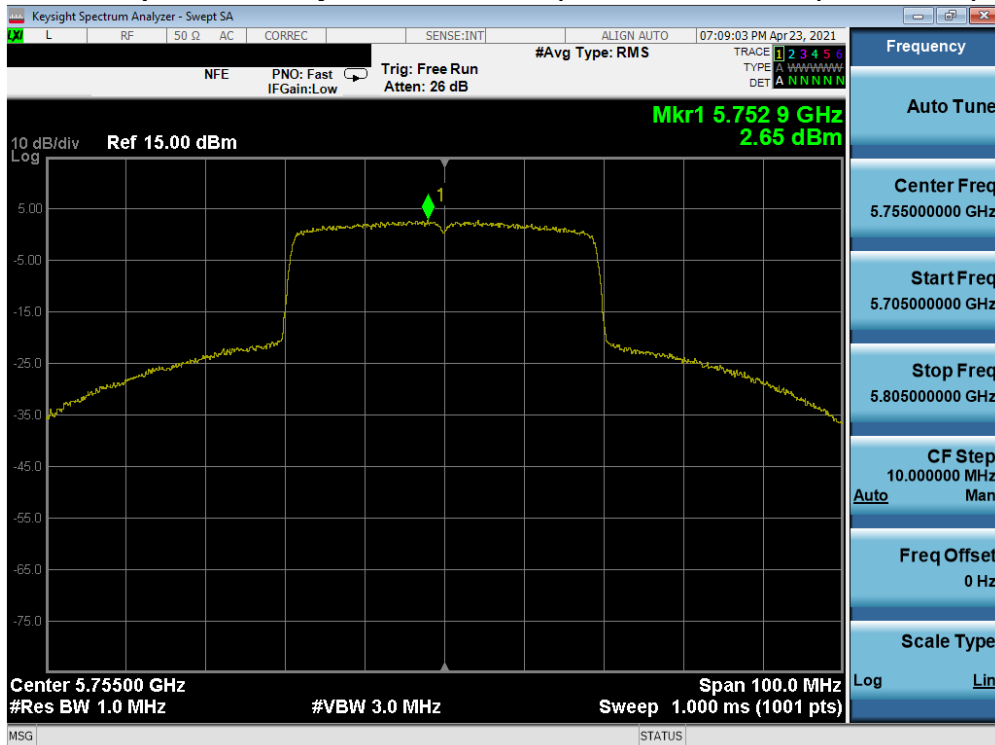


Plot 7-442. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 3) – Ch. 151)

FCC ID: A3LSMF711U	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 262 of 509

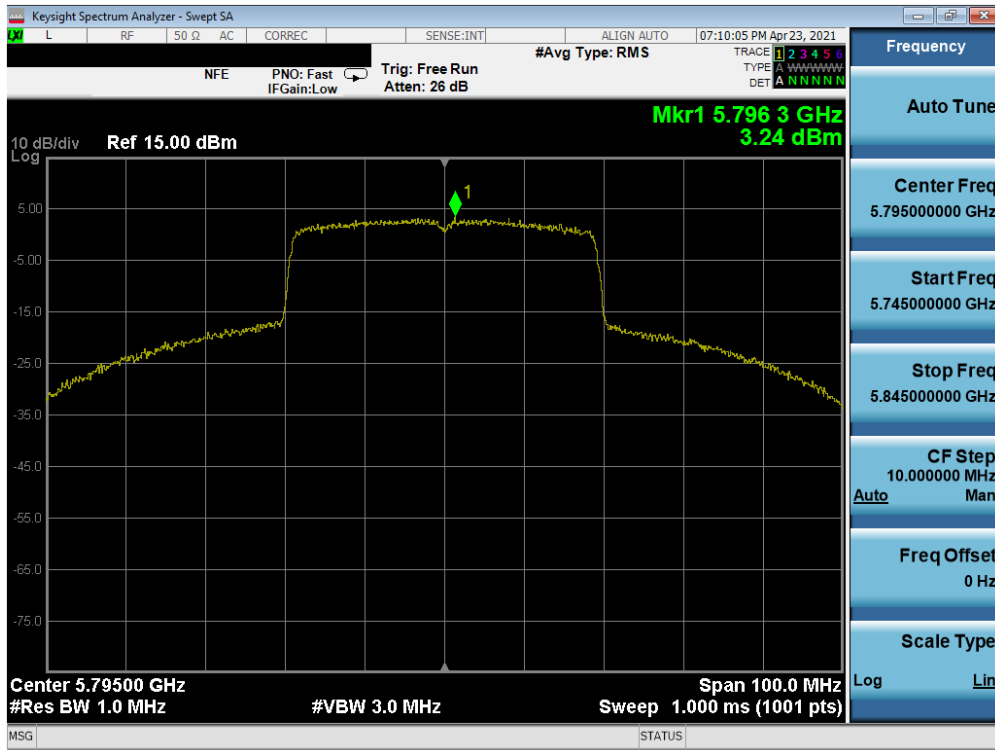


Plot 7-443. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 3) – Ch. 159)

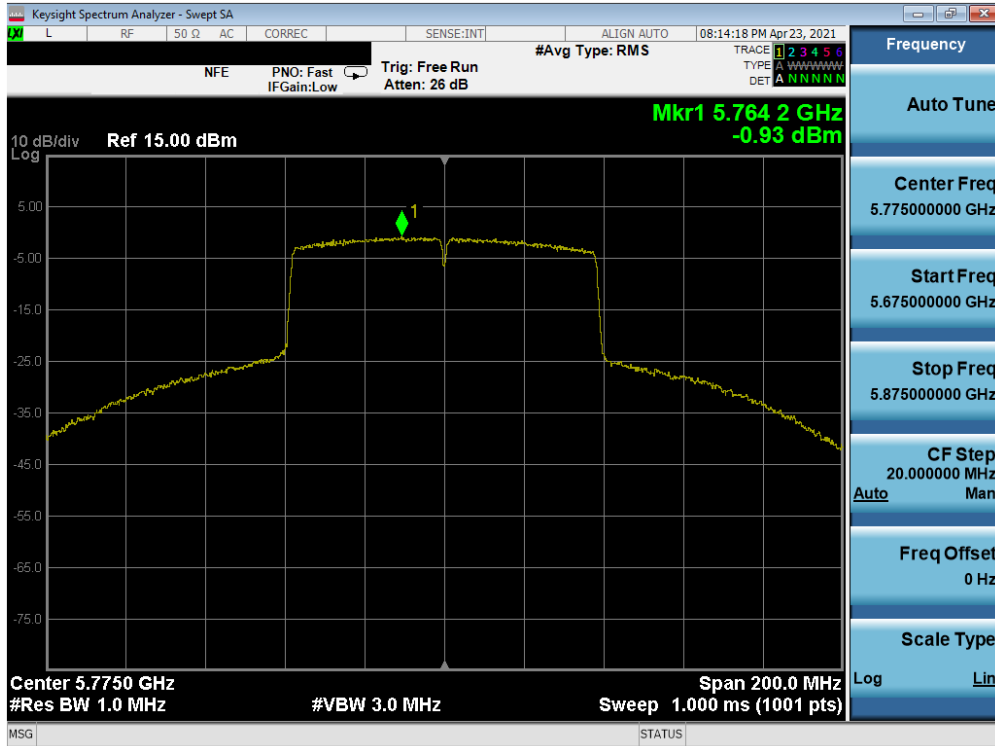


Plot 7-444. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 3) – Ch. 151)

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 263 of 509

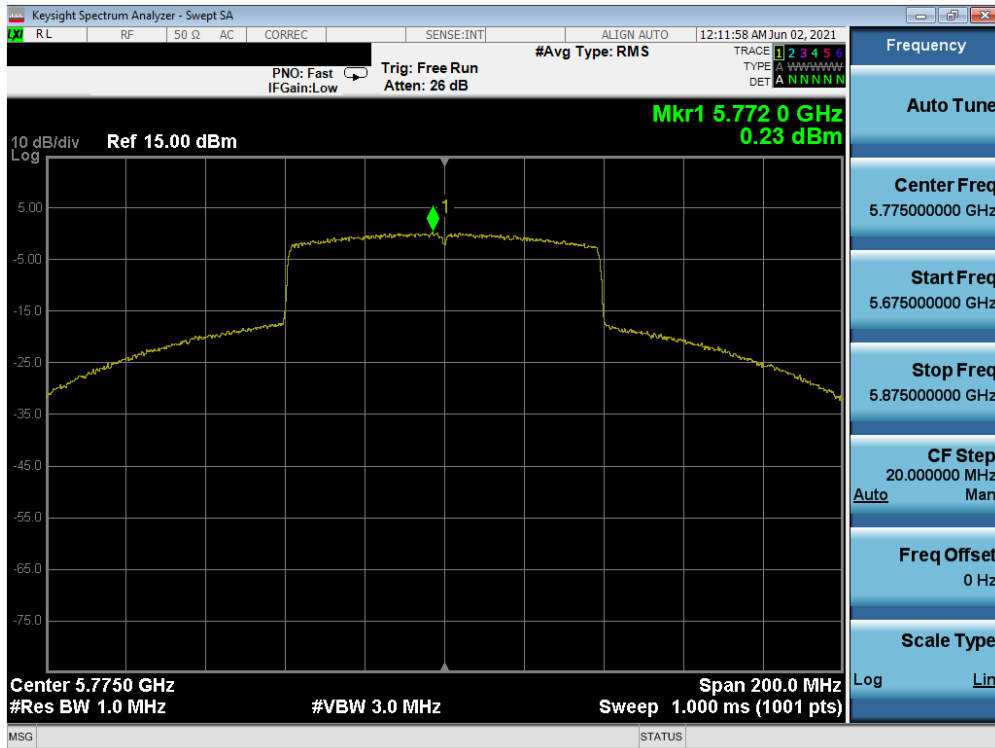


Plot 7-445. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 3) – Ch. 159)



Plot 7-446. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 3) – Ch. 155)

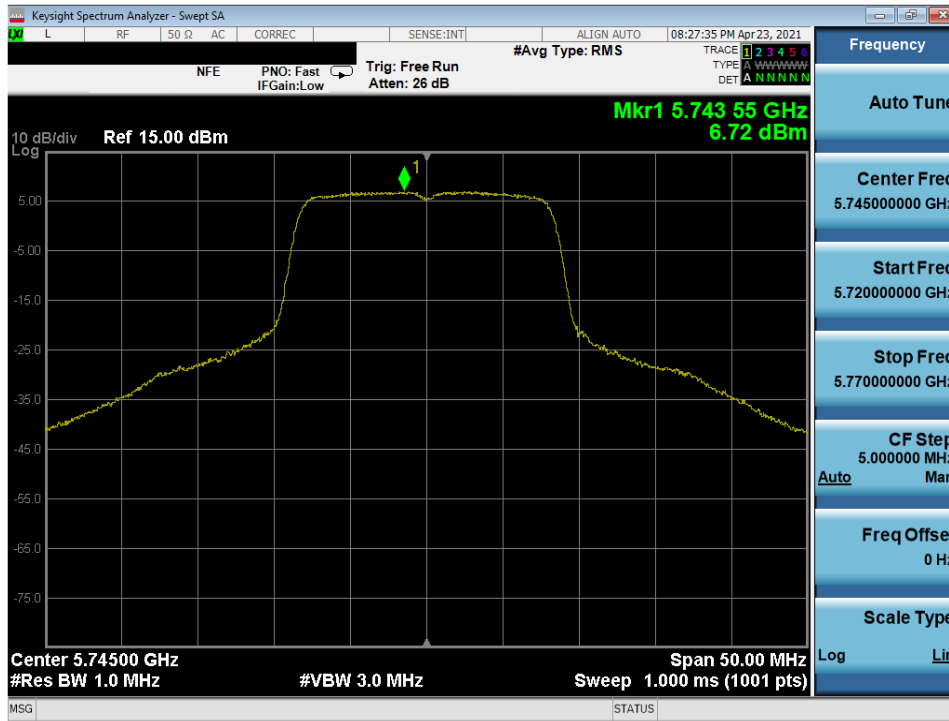
FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 264 of 509



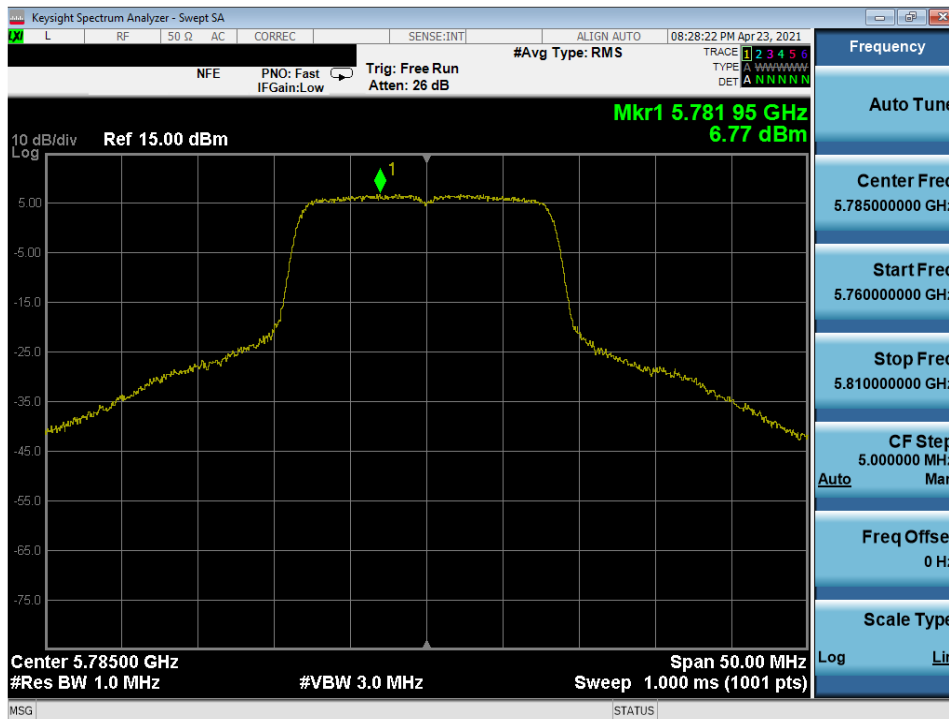
Plot 7-447. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (UNII Band 3) – Ch. 155)

FCC ID: A3LSMF711U	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 265 of 509

MIMO Antenna-2 Band 3 Power Spectral Density Measurements - N

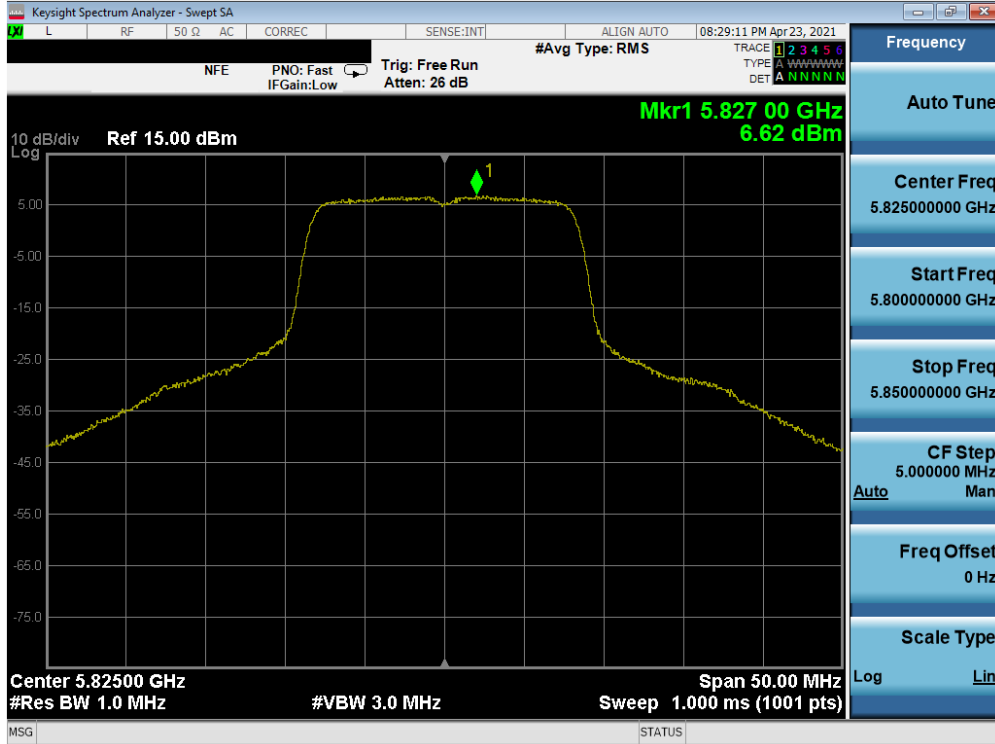


Plot 7-448. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 3) – Ch. 149)

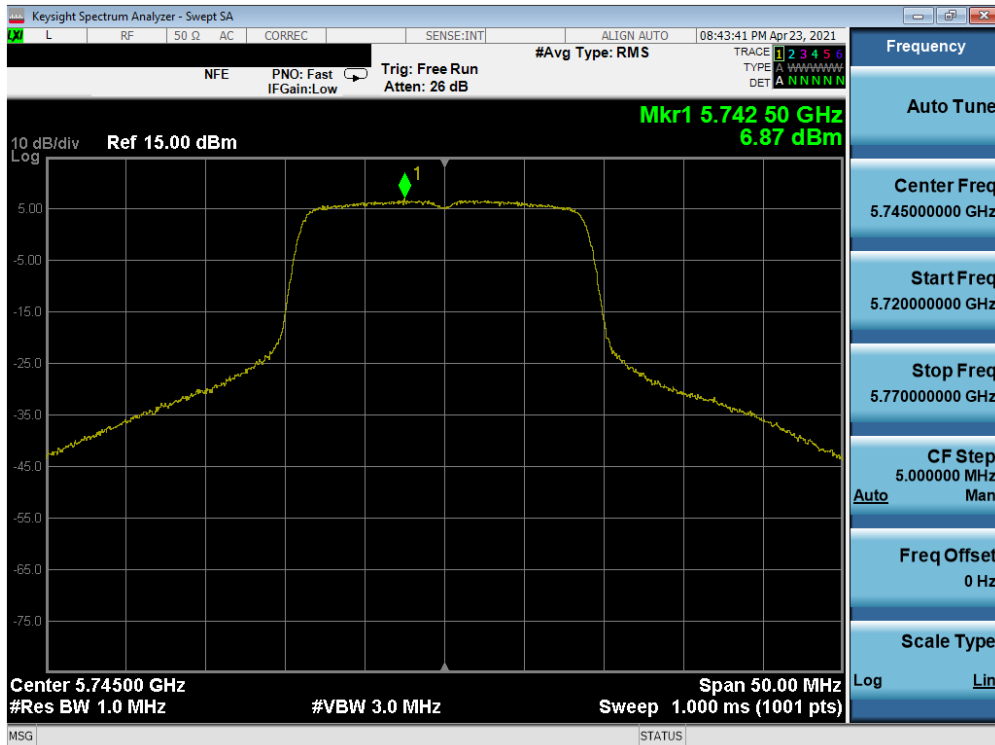


Plot 7-449. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 3) – Ch. 157)

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 266 of 509

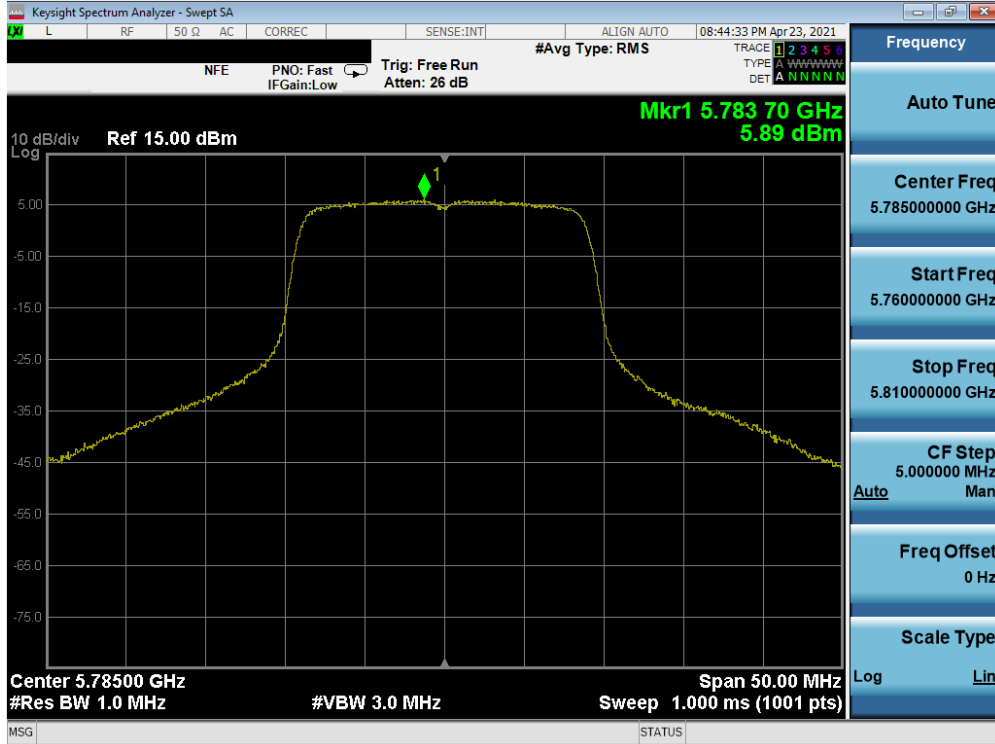


Plot 7-450. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 3) – Ch. 165)

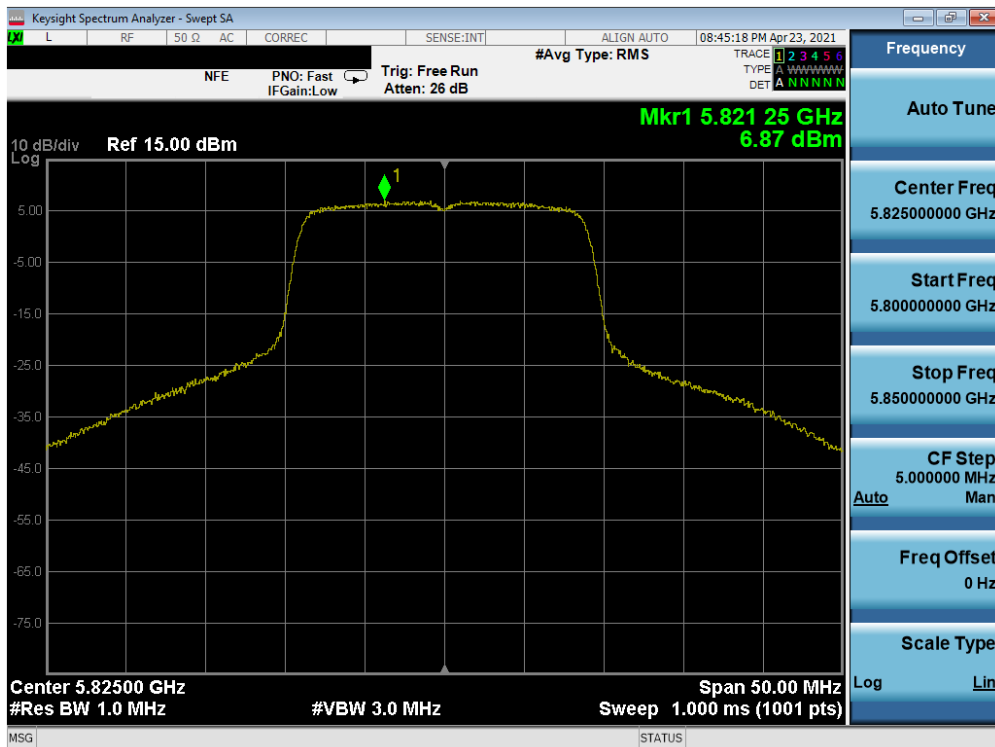


Plot 7-451. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 3) – Ch. 149)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 267 of 509

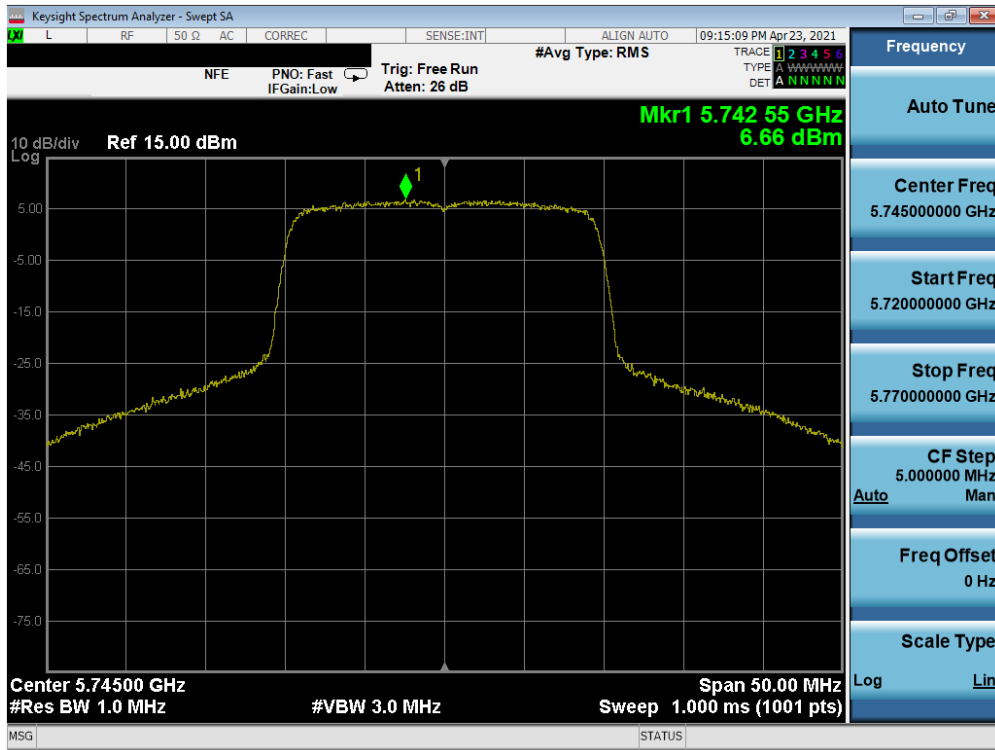


Plot 7-452. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 3) – Ch. 157)

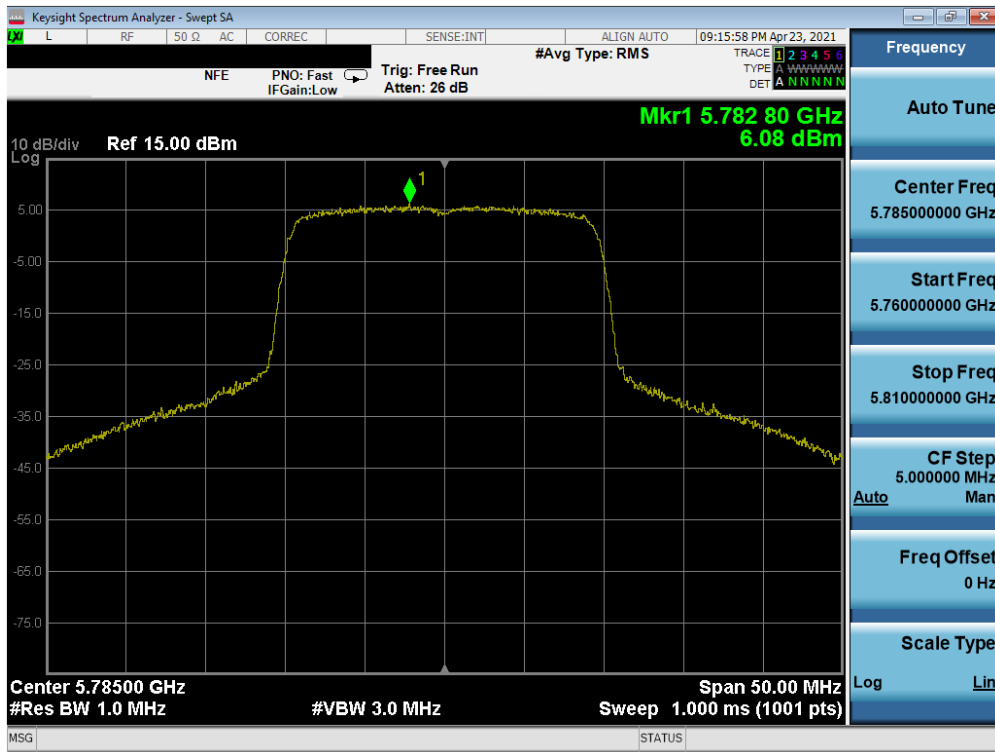


Plot 7-453. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 3) – Ch. 165)

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 268 of 509

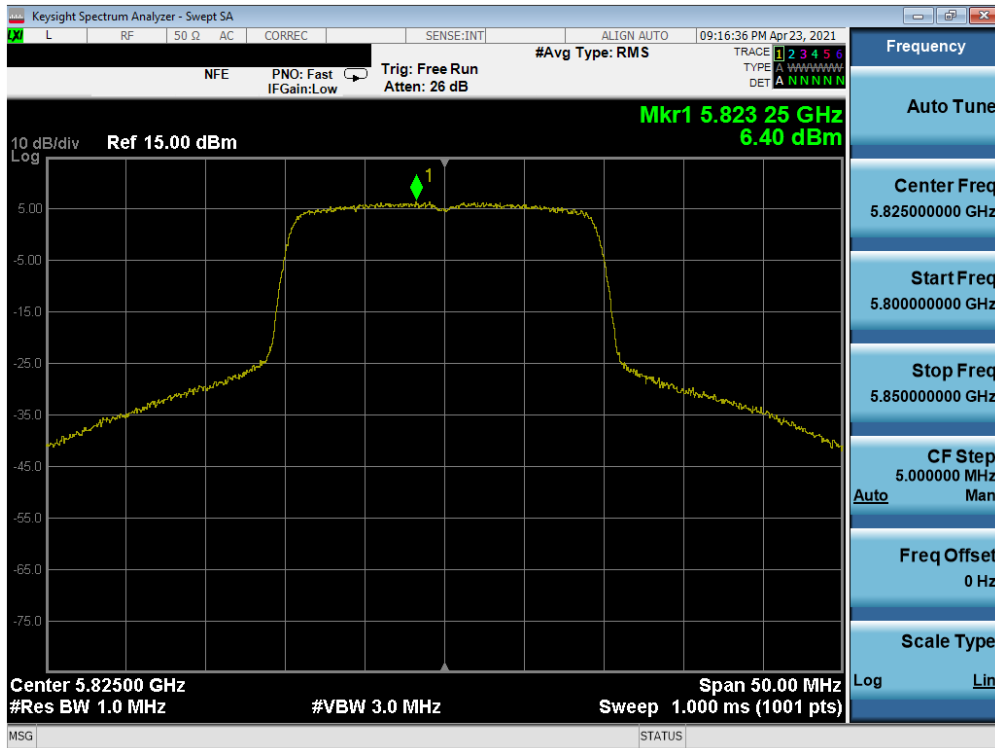


Plot 7-454. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 3) – Ch. 149)

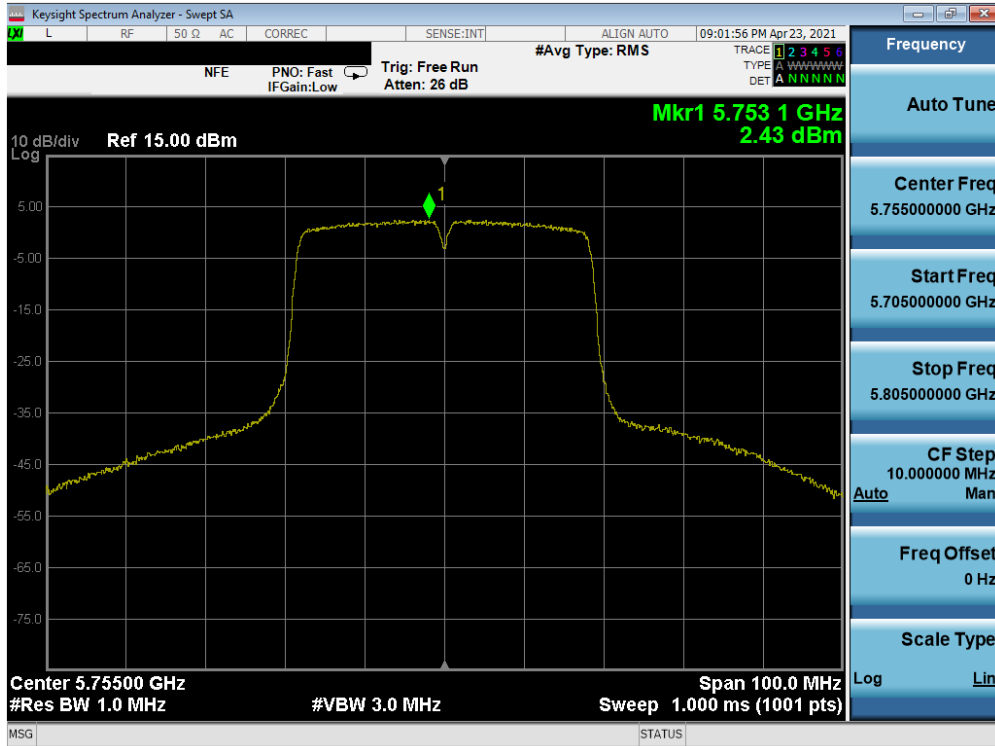


Plot 7-455. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 3) – Ch. 157)

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 269 of 509

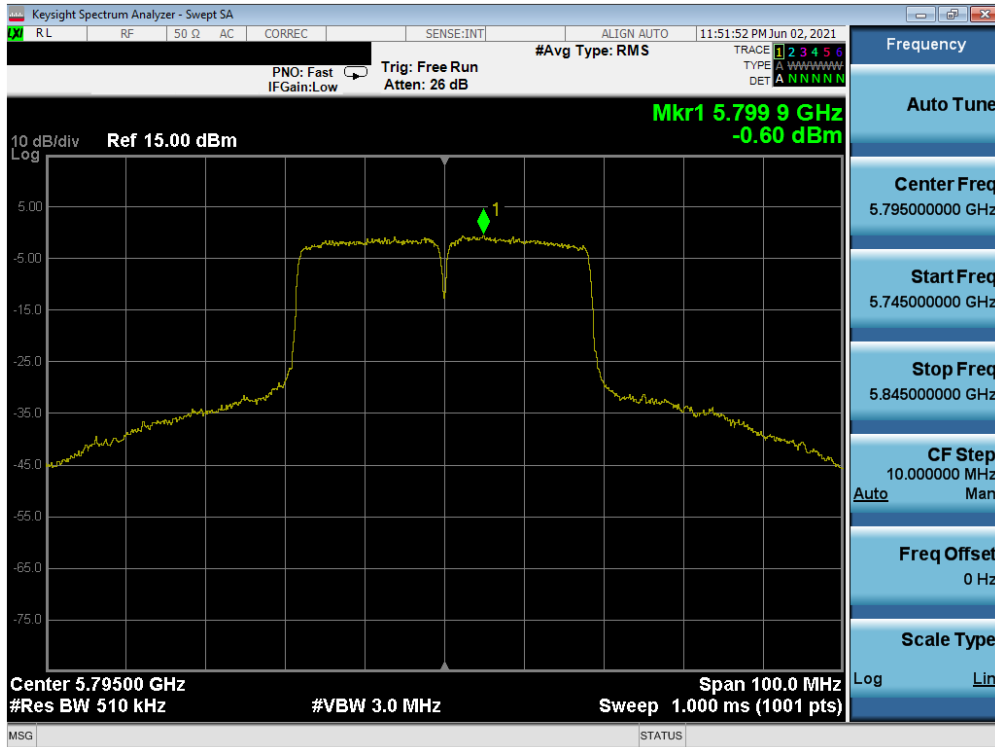


Plot 7-456. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 3) – Ch. 165)

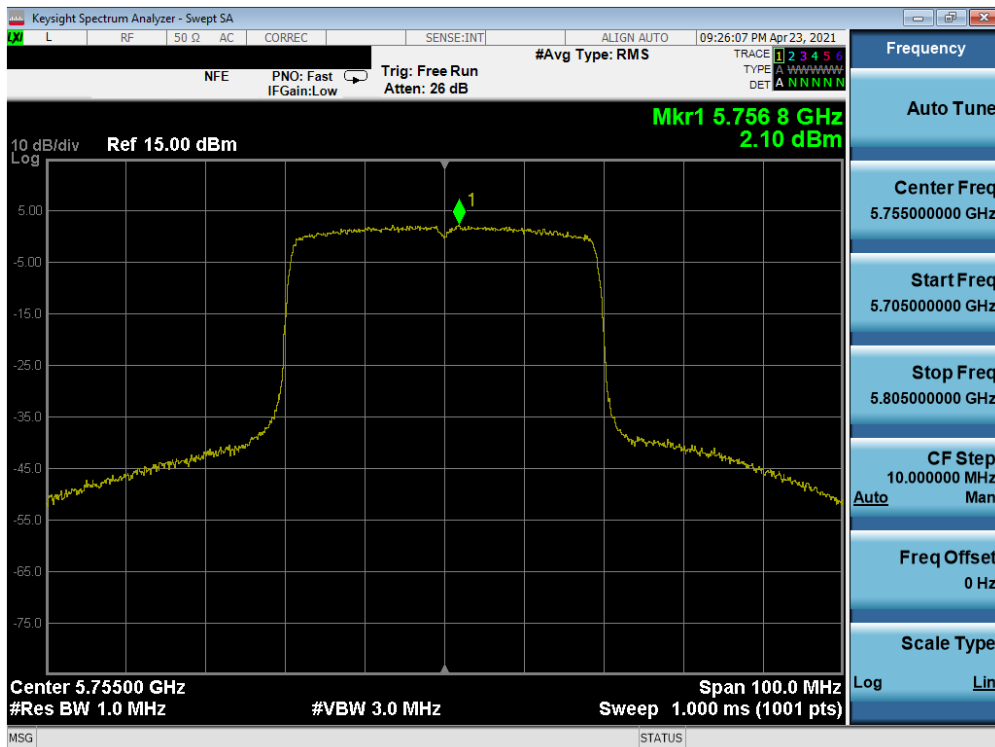


Plot 7-457. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 3) – Ch. 151)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 270 of 509

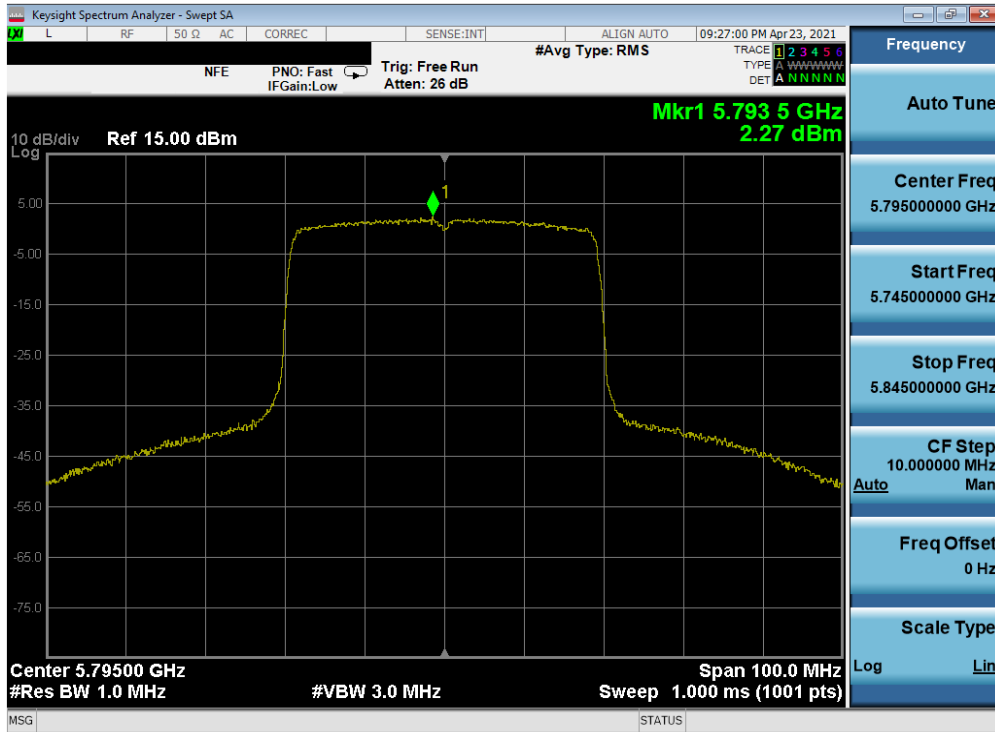


Plot 7-458. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 3) – Ch. 159)

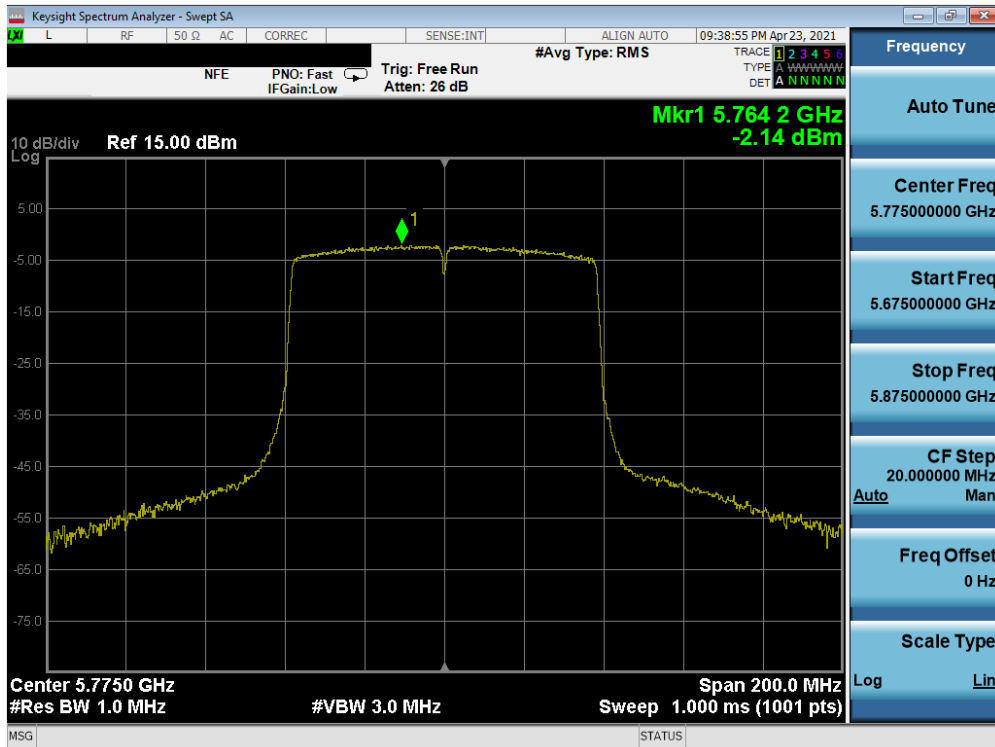


Plot 7-459. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (UNII Band 3) – Ch. 151)

FCC ID: A3LSMF711U	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 271 of 509

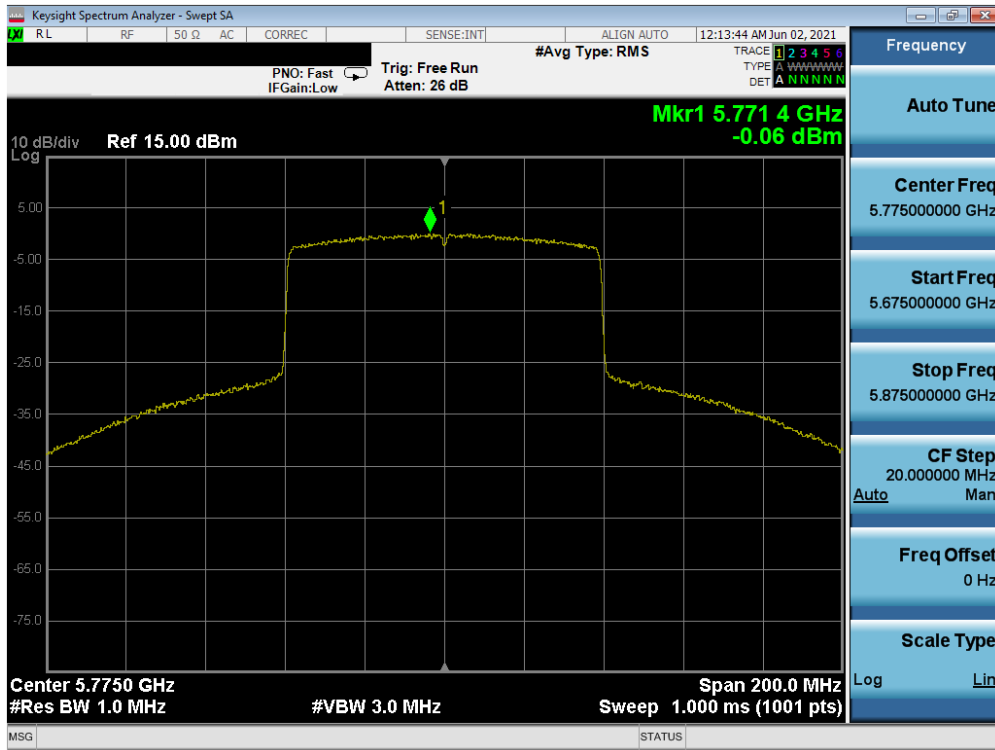


Plot 7-460. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (UNII Band 3) – Ch. 159)



Plot 7-461. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ac (UNII Band 3) – Ch. 155)

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 272 of 509



Plot 7-462. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax (UNII Band 3) – Ch. 155)

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 273 of 509

Note:

Per ANSI C63.10-2013 Section 14.3.2.2 and KDB 662911 v02r01 Section E)2), the power spectral density at Antenna 1 and Antenna 2 were first measured separately as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Sample MIMO Calculation:

At 5180MHz in 802.11n (20MHz BW) mode, the average conducted power spectral density was measured to be 6.61 dBm for Antenna-1 and 6.77 dBm for Antenna-2.

$$\text{Antenna 1} + \text{Antenna 2} = \text{MIMO}$$

$$(6.61 \text{ dBm} + 6.77 \text{ dBm}) = (4.58 \text{ mW} + 4.75 \text{ mW}) = 9.33 \text{ mW} = 9.70 \text{ dBm}$$

Sample e.i.r.p Power Spectral Density Calculation:

At 5180MHz in 802.11n (20MHz BW) mode, the average MIMO power density was calculated to be 9.70 dBm with directional gain of -3.64 dBi.

$$\text{e.i.r.p. Power Spectral Density(dBm)} = \text{Power Spectral Density (dBm)} + \text{Ant gain (dBi)}$$

$$9.70 \text{ dBm} + -3.64 \text{ dBi} = 6.06 \text{ dBm}$$

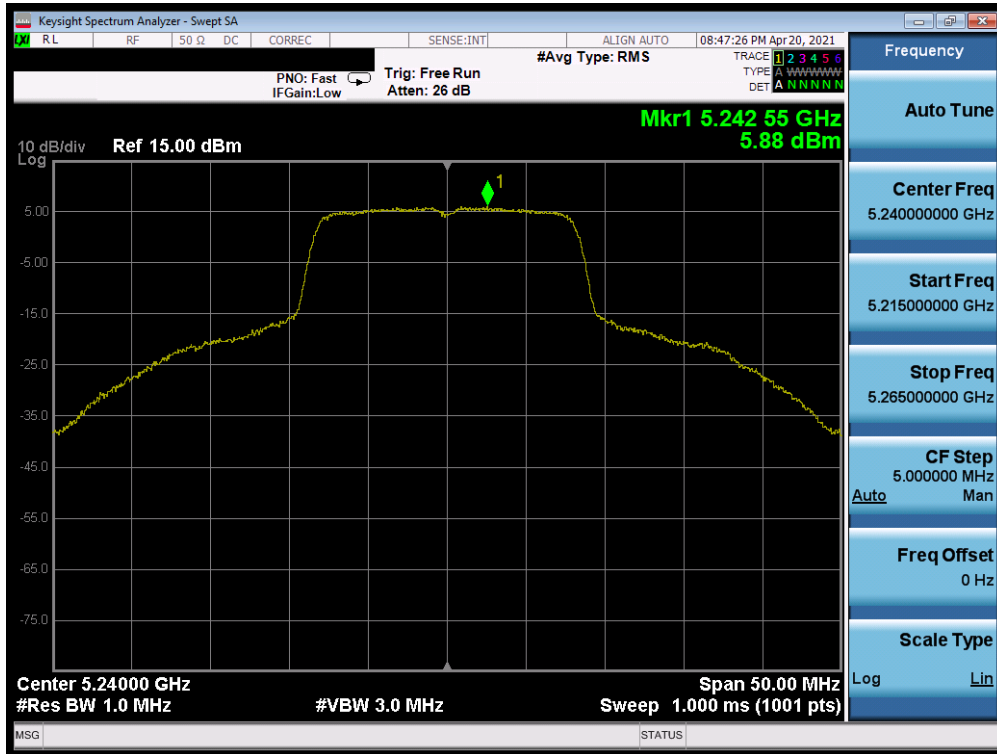
FCC ID: A3LSMF711U	 <p>PCTEST® Proud to be part of element</p>	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 274 of 509

SISO Antenna-1 Power Spectral Density Measurements - Q

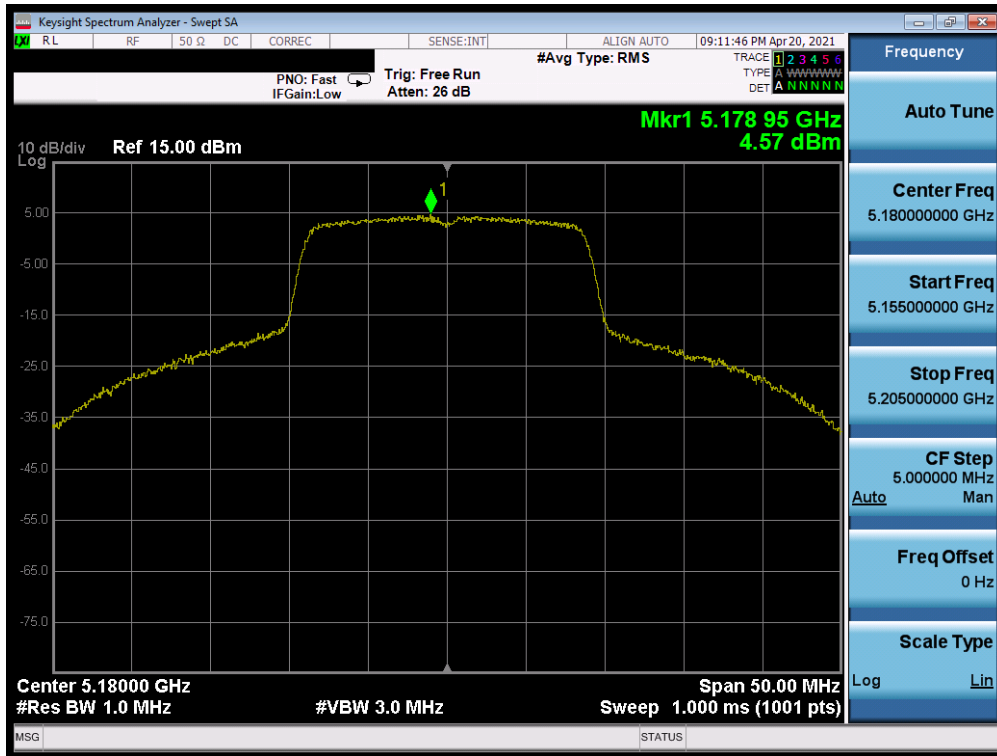
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	a	6	5.34	11.0	-5.66
	5200	40	a	6	4.95	11.0	-6.05
	5240	48	a	6	5.88	11.0	-5.12
	5180	36	n (20MHz)	6.5/7.2 (MCS0)	4.57	11.0	-6.43
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	4.12	11.0	-6.88
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	5.27	11.0	-5.74
	5180	36	ax (20MHz)	6.5/7.2 (MCS0)	4.19	11.0	-6.81
	5200	40	ax (20MHz)	6.5/7.2 (MCS0)	4.14	11.0	-6.86
	5240	48	ax (20MHz)	6.5/7.2 (MCS0)	5.21	11.0	-5.79
	5190	38	n (40MHz)	13.5/15 (MCS0)	1.47	11.0	-9.53
	5230	46	n (40MHz)	13.5/15 (MCS0)	2.01	11.0	-8.99
	5190	38	ax (40MHz)	13.5/15 (MCS0)	1.73	11.0	-9.27
	5230	46	ax (40MHz)	13.5/15 (MCS0)	2.33	11.0	-8.67
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-2.27	11.0	-13.27
5210	42	ax (80MHz)	29.3/32.5 (MCS0)	-2.36	11.0	-13.36	
Band 2A	5260	52	a	6	6.75	11.0	-4.25
	5280	56	a	6	6.69	11.0	-4.31
	5320	64	a	6	6.46	11.0	-4.54
	5260	52	n (20MHz)	6.5/7.2 (MCS0)	6.06	11.0	-4.94
	5280	56	n (20MHz)	6.5/7.2 (MCS0)	6.10	11.0	-4.90
	5320	64	n (20MHz)	6.5/7.2 (MCS0)	6.49	11.0	-4.51
	5260	52	ax (20MHz)	6.5/7.2 (MCS0)	5.73	11.0	-5.27
	5280	56	ax (20MHz)	6.5/7.2 (MCS0)	5.94	11.0	-5.06
	5320	64	ax (20MHz)	6.5/7.2 (MCS0)	6.06	11.0	-4.94
	5270	54	n (40MHz)	13.5/15 (MCS0)	3.10	11.0	-7.90
	5310	62	n (40MHz)	13.5/15 (MCS0)	2.96	11.0	-8.04
	5270	54	ax (40MHz)	13.5/15 (MCS0)	2.88	11.0	-8.12
	5310	62	ax (40MHz)	13.5/15 (MCS0)	2.93	11.0	-8.07
	5290	58	ac (80MHz)	29.3/32.5 (MCS0)	-1.67	11.0	-12.67
5290	58	ax (80MHz)	29.3/32.5 (MCS0)	-1.50	11.0	-12.50	
Band 2C	5500	100	a	6	6.60	11.0	-4.40
	5600	120	a	6	5.61	11.0	-5.39
	5720	144	a	6	5.77	11.0	-5.23
	5500	100	n (20MHz)	6.5/7.2 (MCS0)	6.26	11.0	-4.74
	5600	120	n (20MHz)	6.5/7.2 (MCS0)	4.89	11.0	-6.11
	5720	144	n (20MHz)	6.5/7.2 (MCS0)	5.51	11.0	-5.49
	5500	100	ax (20MHz)	6.5/7.2 (MCS0)	5.95	11.0	-5.05
	5600	120	ax (20MHz)	6.5/7.2 (MCS0)	4.82	11.0	-6.18
	5720	144	ax (20MHz)	6.5/7.2 (MCS0)	5.53	11.0	-5.47
	5510	102	n (40MHz)	13.5/15 (MCS0)	3.12	11.0	-7.88
	5590	118	n (40MHz)	13.5/15 (MCS0)	2.38	11.0	-8.62
	5710	142	n (40MHz)	13.5/15 (MCS0)	2.32	11.0	-8.68
	5510	102	ax (40MHz)	13.5/15 (MCS0)	2.89	11.0	-8.11
	5590	118	ax (40MHz)	13.5/15 (MCS0)	2.47	11.0	-8.53
	5710	142	ax (40MHz)	13.5/15 (MCS0)	2.09	11.0	-8.91
	5530	106	ac (80MHz)	29.3/32.5 (MCS0)	-1.72	11.0	-12.72
	5610	122	ac (80MHz)	29.3/32.5 (MCS0)	-2.44	11.0	-13.44
	5690	138	ac (80MHz)	29.3/32.5 (MCS0)	-4.82	11.0	-15.82
5530	106	ax (80MHz)	29.3/32.5 (MCS0)	-1.64	11.0	-12.64	
5610	122	ax (80MHz)	29.3/32.5 (MCS0)	-2.06	11.0	-13.06	
5690	138	ax (80MHz)	29.3/32.5 (MCS0)	-4.78	11.0	-15.78	

Table 7-38. Bands 1, 2A, 2C Conducted Power Spectral Density Measurements SISO ANT1

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 275 of 509

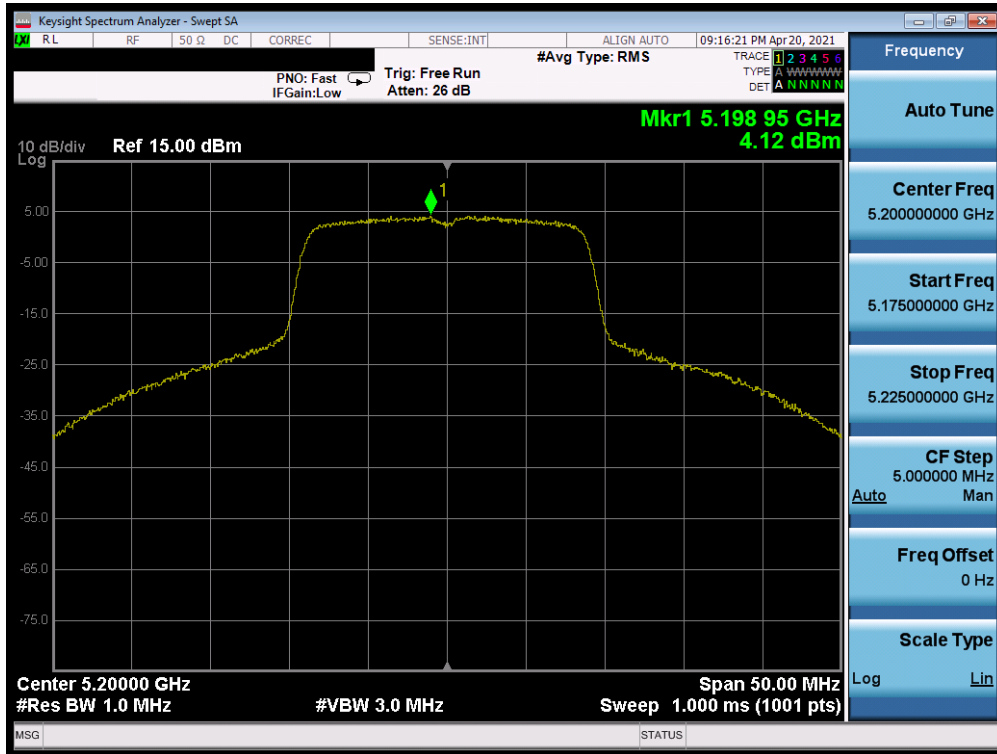


Plot 7-465. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11a (UNII Band 1) – Ch. 48)

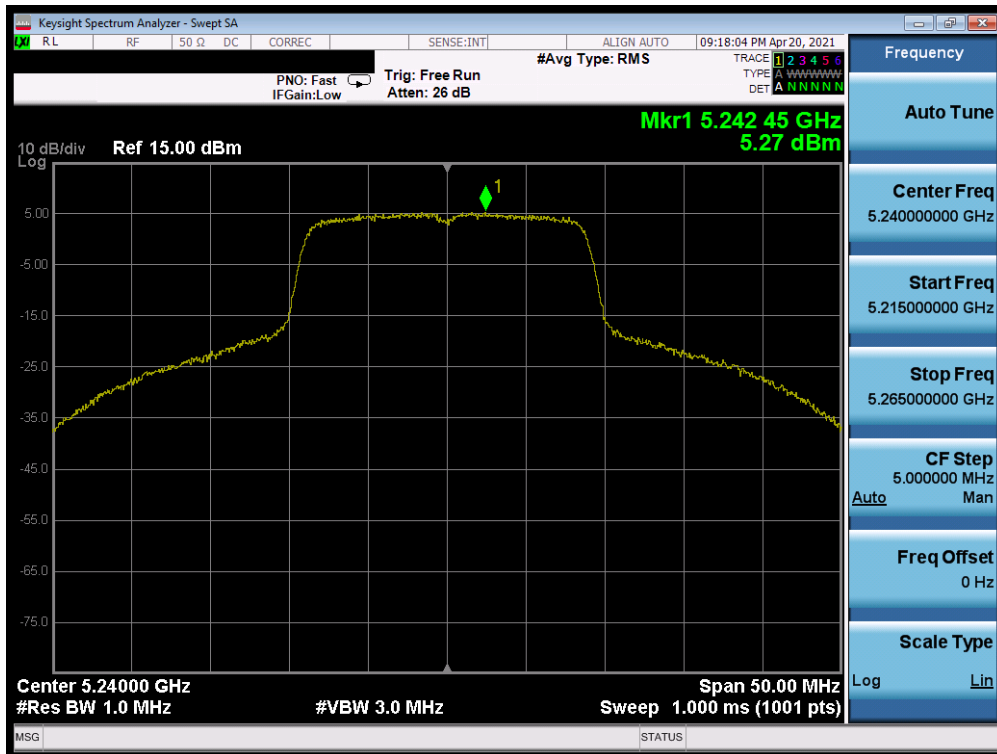


Plot 7-466. Power Spectral Density Plot SISO ANT1 (20MHz BW 20MHz BW 802.11n (UNII Band 1) – Ch. 36)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 277 of 509

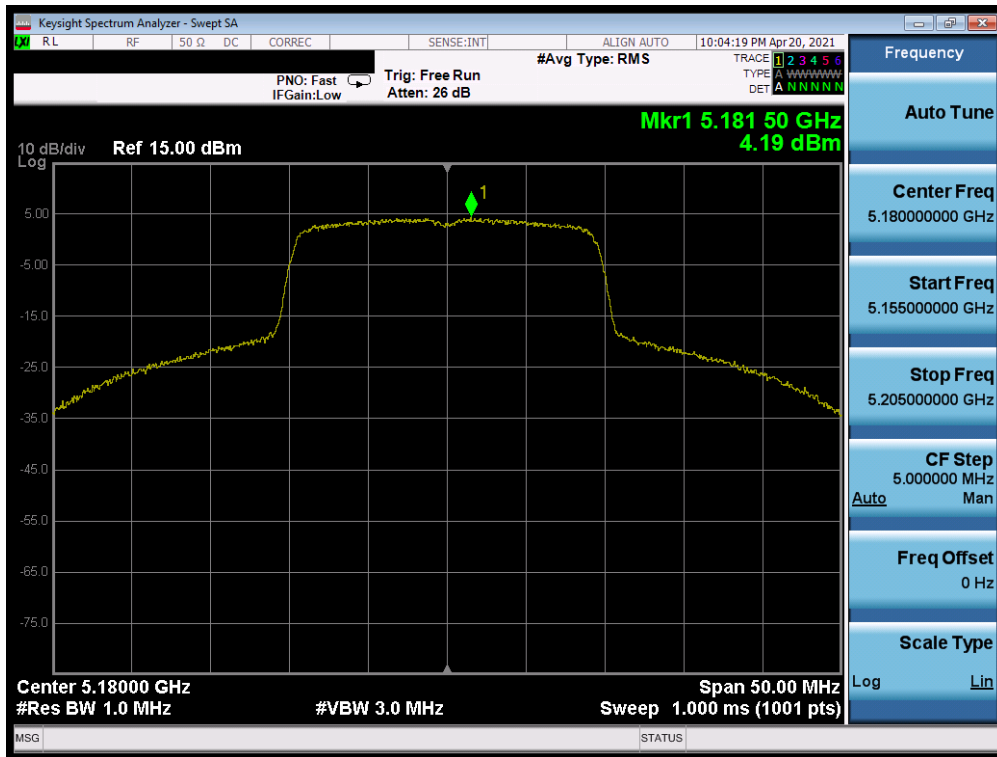


Plot 7-467. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 1) – Ch. 40)

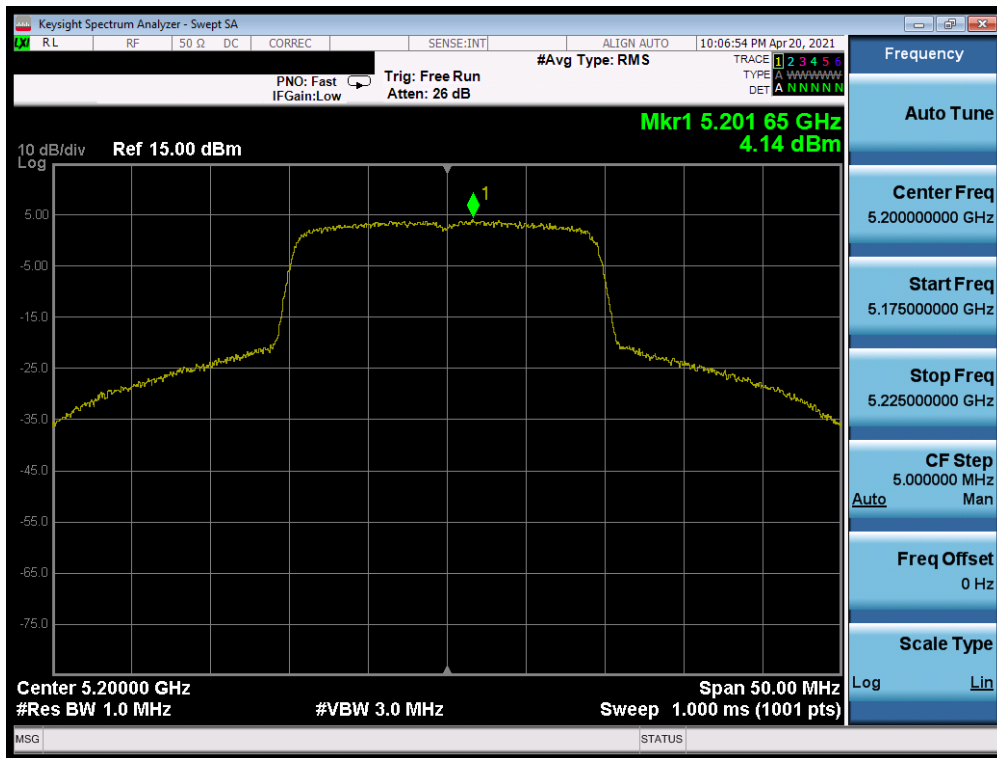


Plot 7-468. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 1) – Ch. 48)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 278 of 509

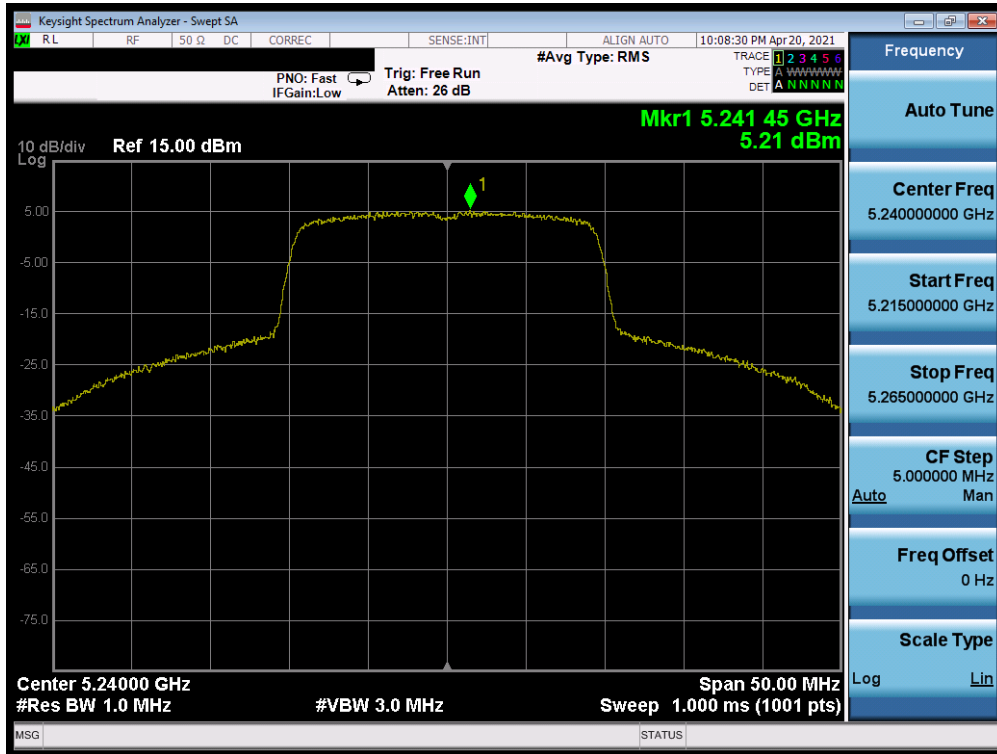


Plot 7-469. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 1) – Ch. 36)

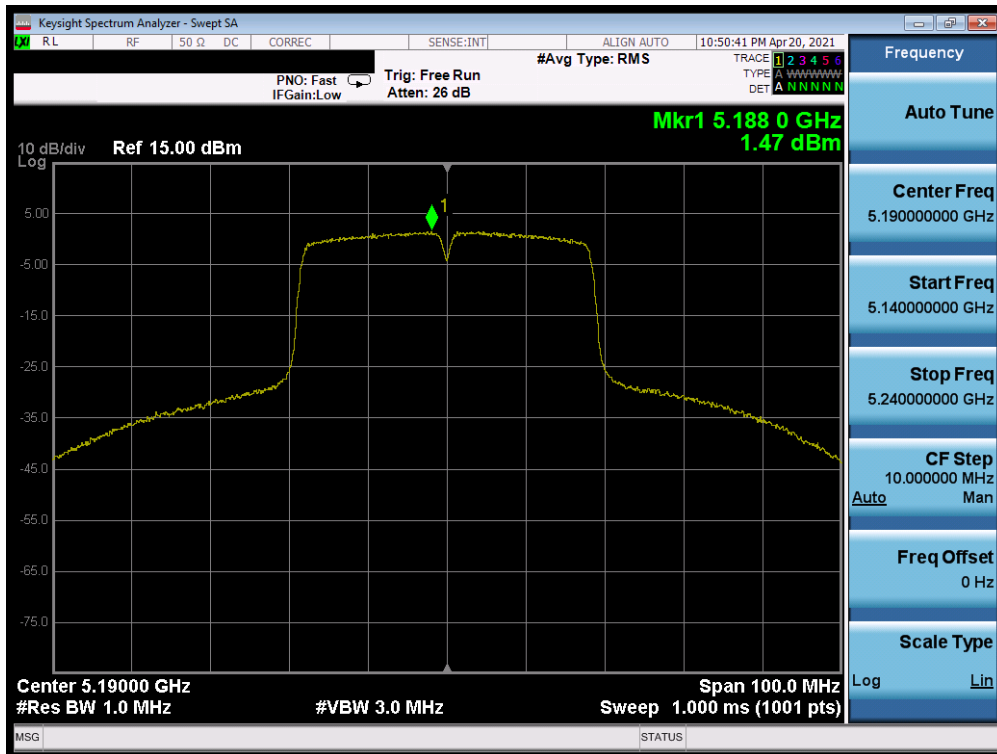


Plot 7-470. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 1) – Ch. 40)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 279 of 509

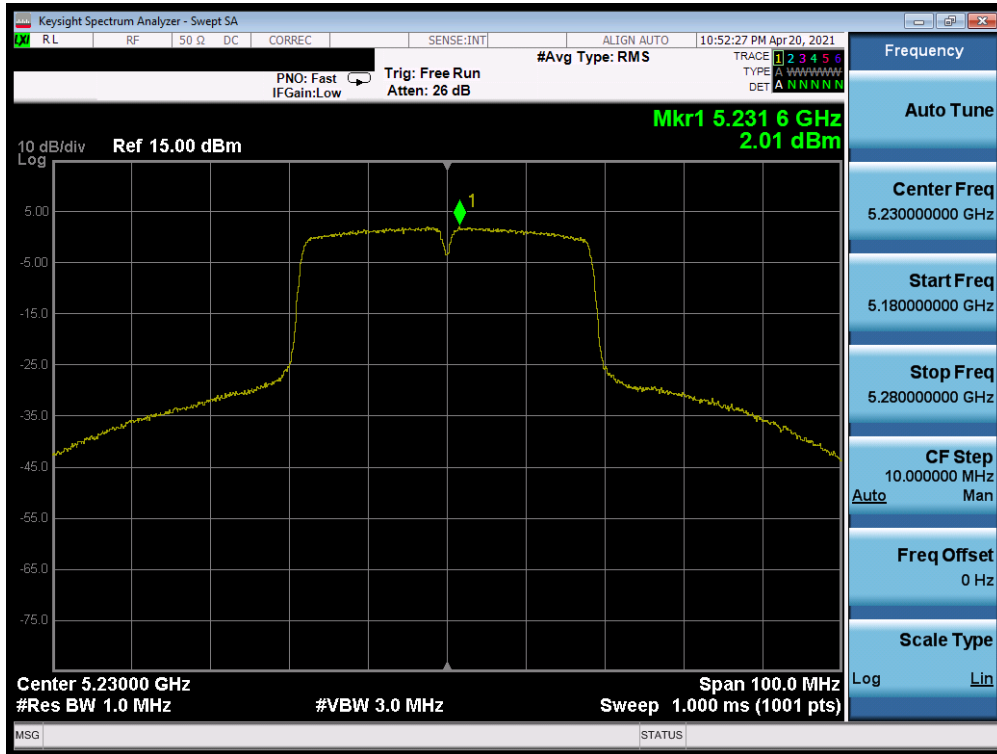


Plot 7-471. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 1) – Ch. 48)

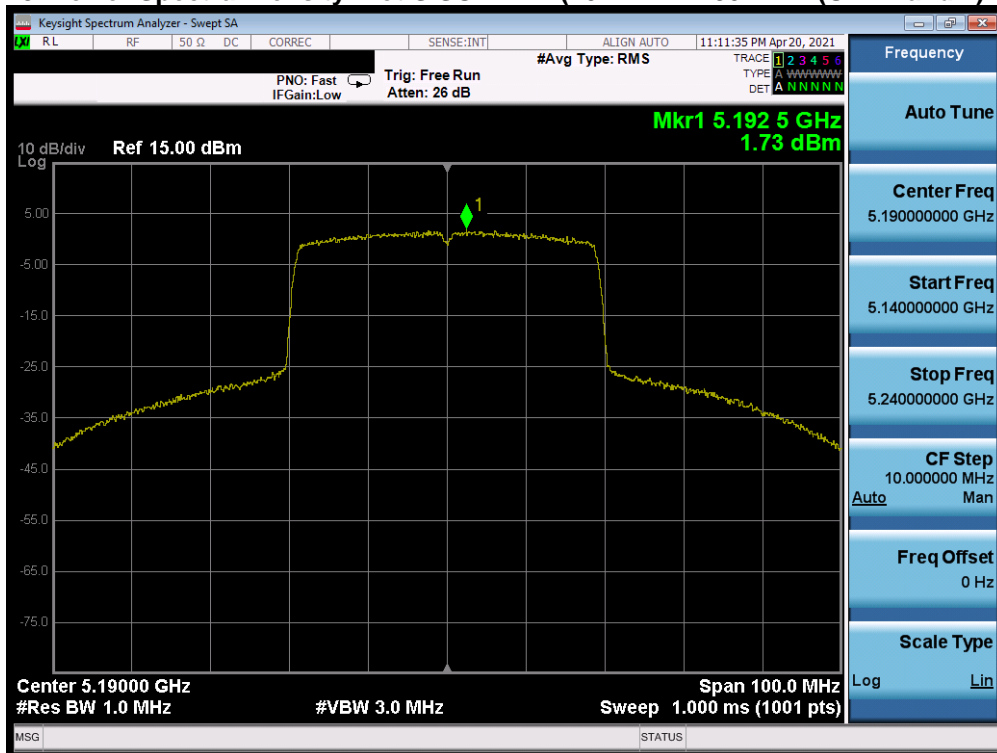


Plot 7-472. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 1) – Ch. 38)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 280 of 509

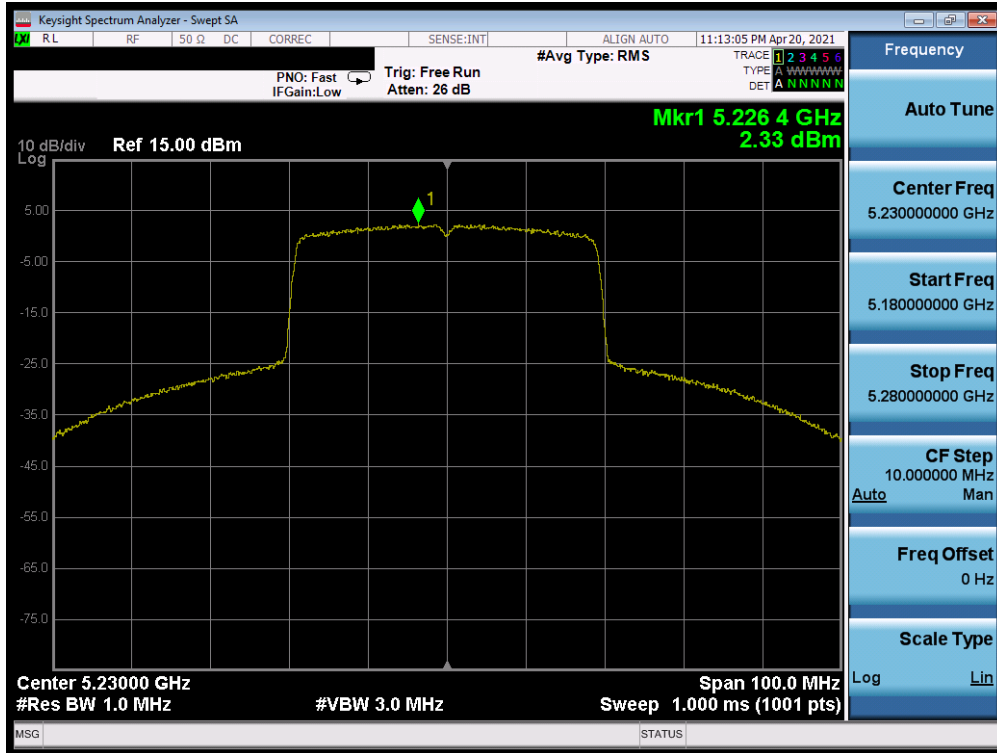


Plot 7-473. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 1) – Ch. 46)

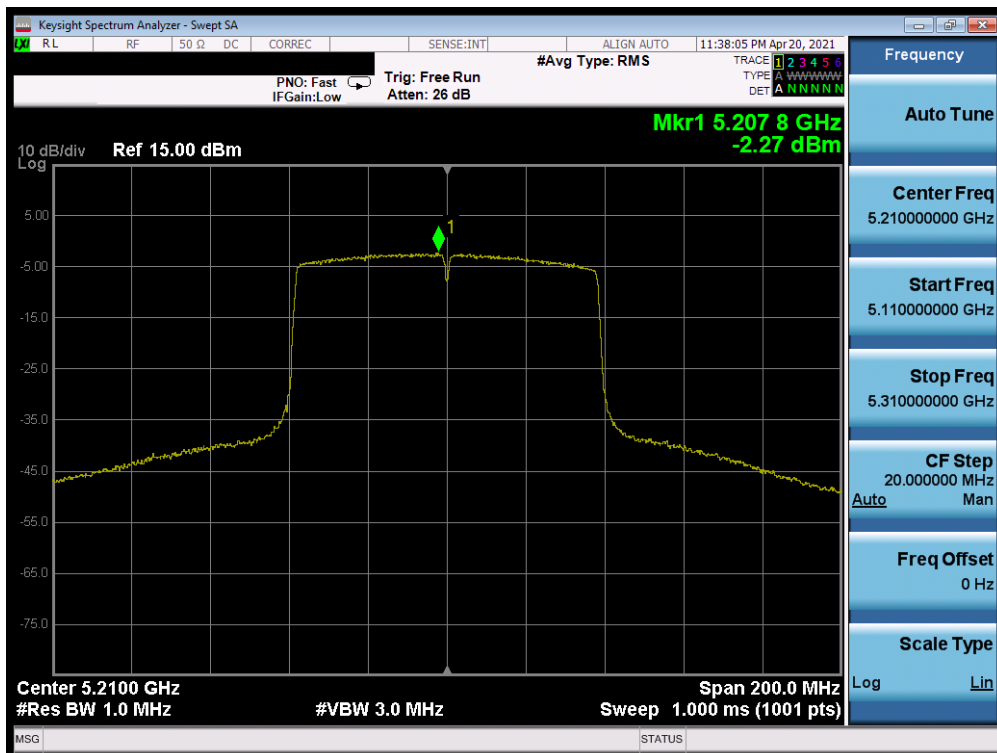


Plot 7-474. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 1) – Ch. 38)

FCC ID: A3LSMF711U	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 281 of 509

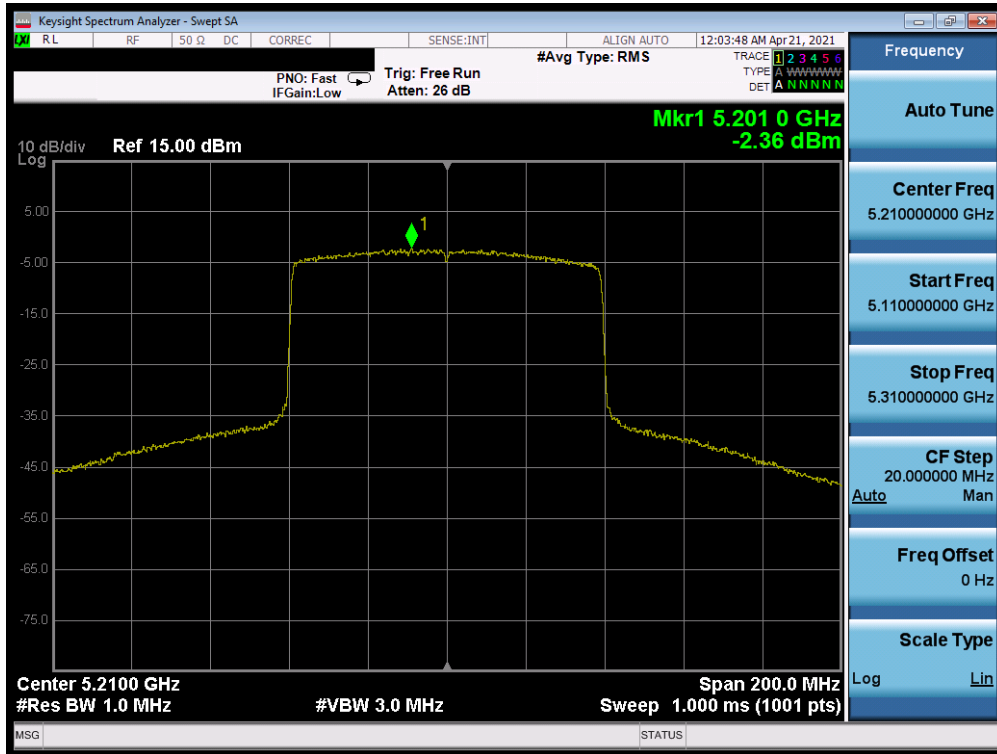


Plot 7-475. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 1) – Ch. 46)

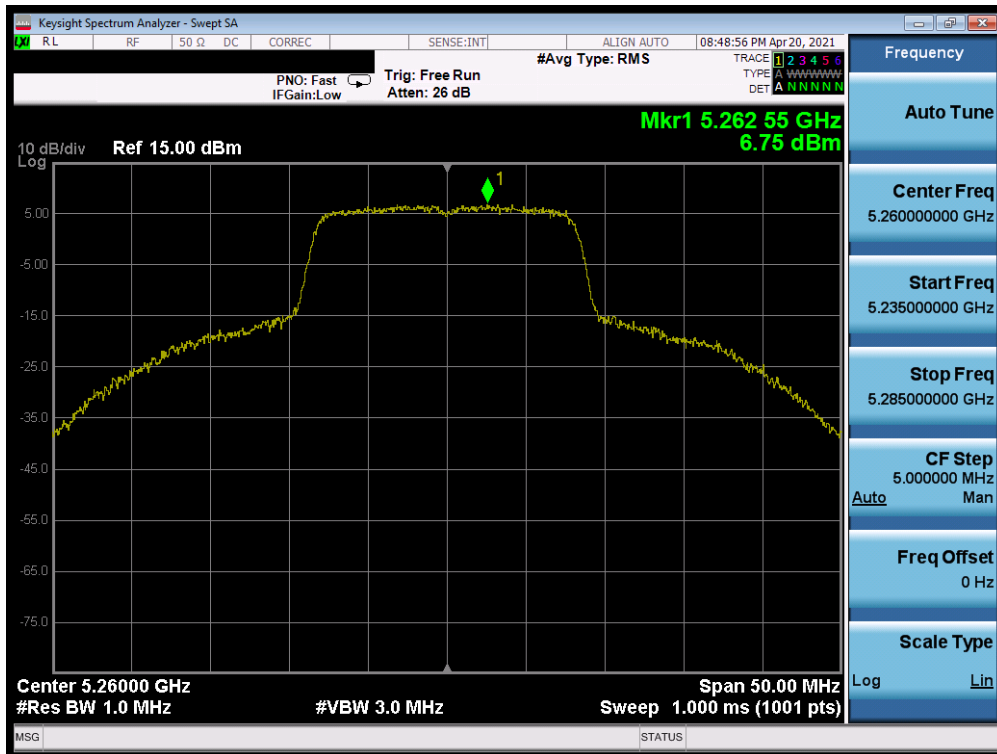


Plot 7-476. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ac (UNII Band 1) – Ch. 42)

FCC ID: A3LSMF711U	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 282 of 509

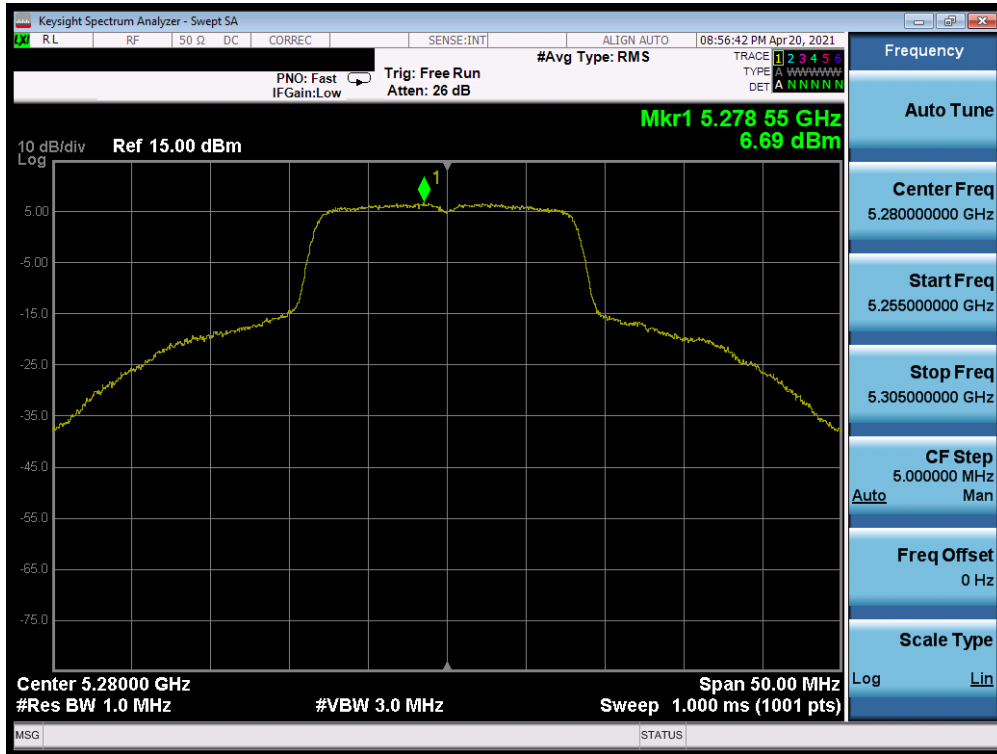


Plot 7-477. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax (UNII Band 1) – Ch. 42)

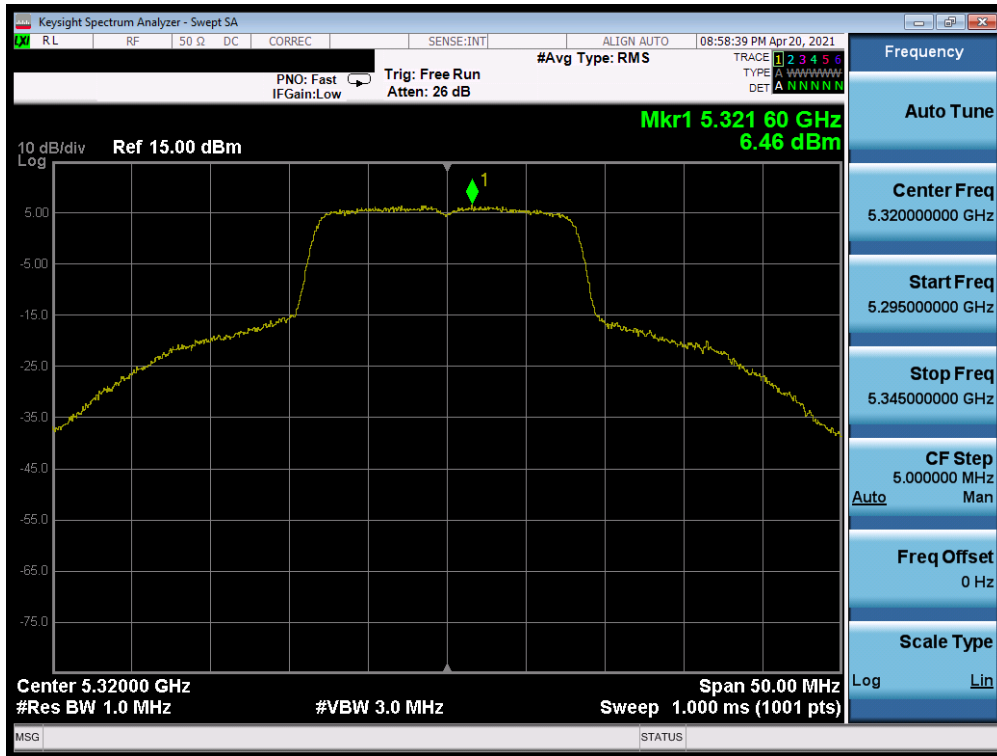


Plot 7-478. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11a (UNII Band 2A) – Ch. 52)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 283 of 509



Plot 7-479. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11a (UNII Band 2A) – Ch. 56)



Plot 7-480. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11a (UNII Band 2A) – Ch. 64)

FCC ID: A3LSMF711U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 284 of 509