

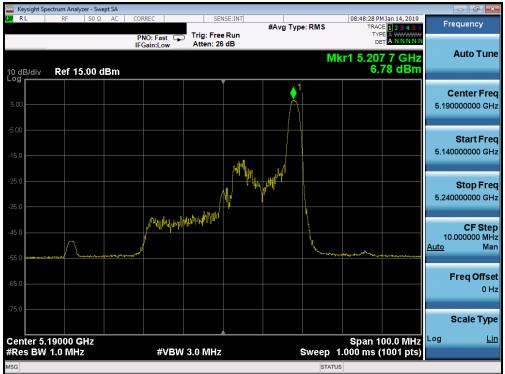
Plot 7-497. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 26 Tones (UNII Band 1) - Ch. 40)



Plot 7-498. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 26 Tones (UNII Band 1) - Ch. 48)

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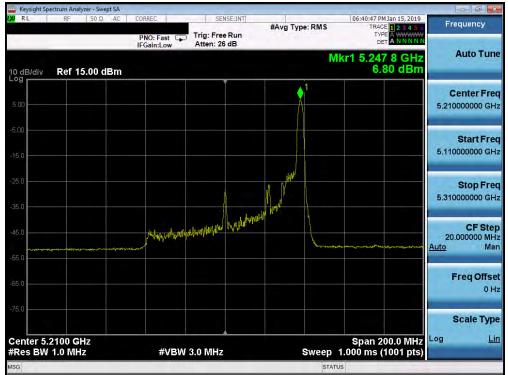
Plot 7-499. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 26 Tones (UNII Band 1) - Ch. 38)



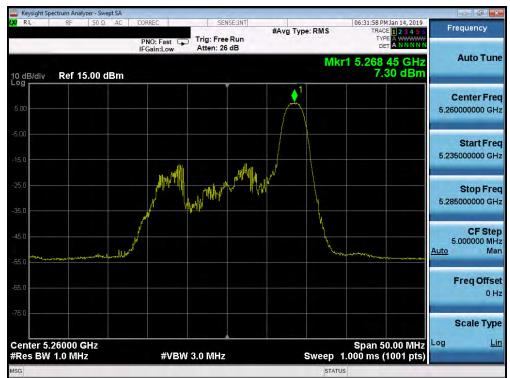
Plot 7-500. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 26 Tones (UNII Band 1) - Ch. 46)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-501. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax - 26 Tones (UNII Band 1) - Ch. 42)



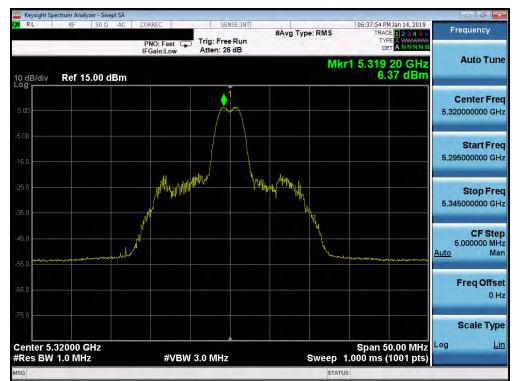
Plot 7-502. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 26 Tones (UNII Band 2A) - Ch. 52)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-503. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 26 Tones (UNII Band 2A) - Ch. 56)



Plot 7-504. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 26 Tones (UNII Band 2A) - Ch. 64)

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Plot 7-505. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 26 Tones (UNII Band 2A) - Ch. 54)



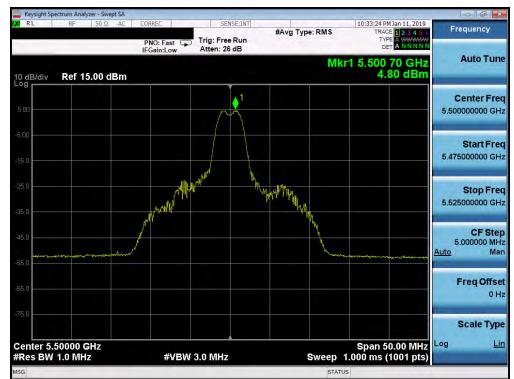
Plot 7-506. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 26 Tones (UNII Band 2A) - Ch. 62)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 240 of 514
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Plot 7-507. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax - 26 Tones (UNII Band 2A) - Ch. 58)



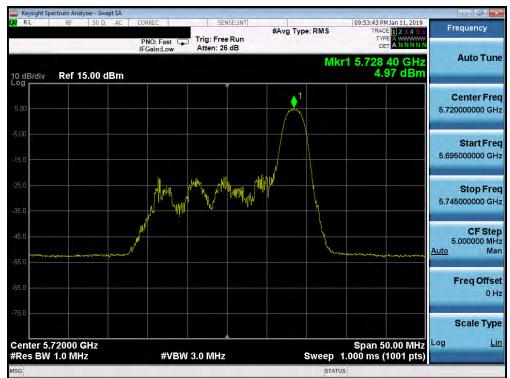
Plot 7-508. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 26 Tones (UNII Band 2C) - Ch. 100)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 244 of 544
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Plot 7-509. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 26 Tones (UNII Band 2C) - Ch. 120)



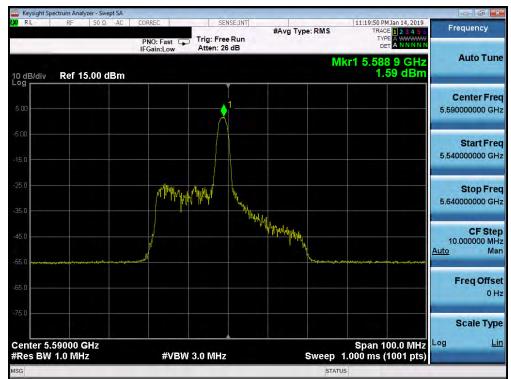
Plot 7-510. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 26 Tones (UNII Band 2C) - Ch. 144)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-511. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 102)



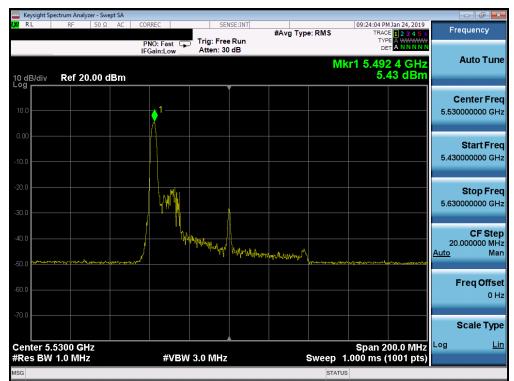
Plot 7-512. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 118)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-513. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 26 Tones (UNII Band 2C) - Ch. 142)



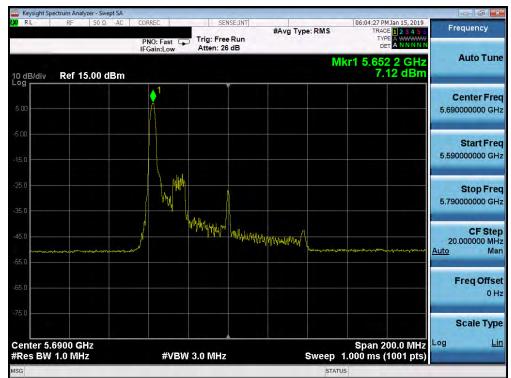
Plot 7-514. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax - 26 Tones (UNII Band 2C) - Ch. 106)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Daga 244 of 514
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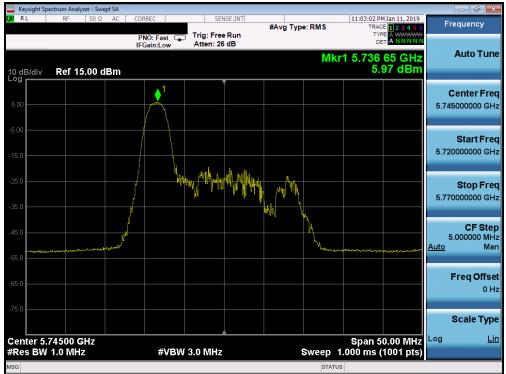
Plot 7-515. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax - 26 Tones (UNII Band 2C) - Ch. 122)



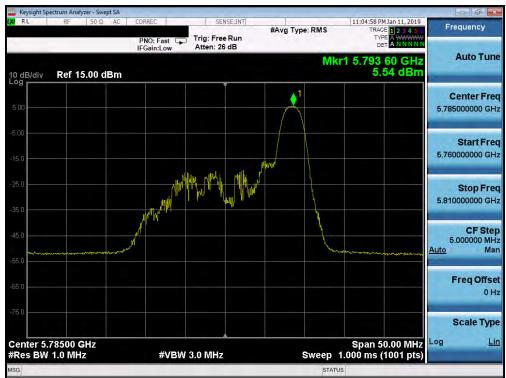
Plot 7-516. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax - 26 Tones (UNII Band 2C) - Ch. 138)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-517. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 3) – Ch. 149)



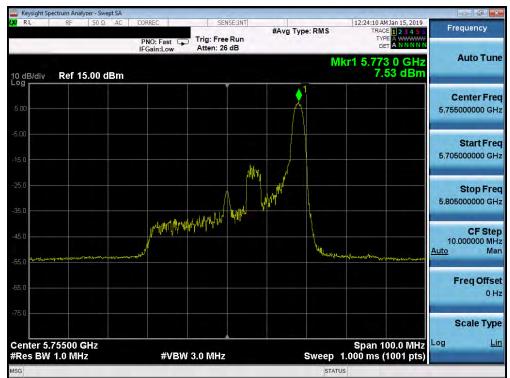
Plot 7-518. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 3) – Ch. 157)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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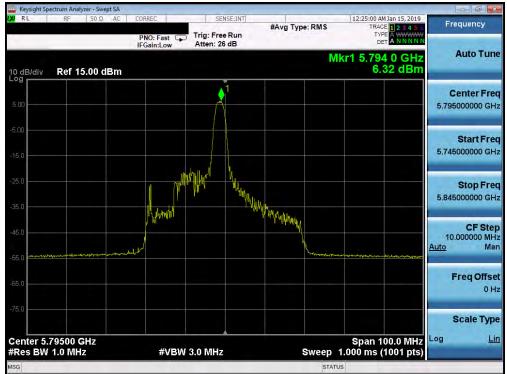
Plot 7-519. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 26 Tones (UNII Band 3) - Ch. 165)



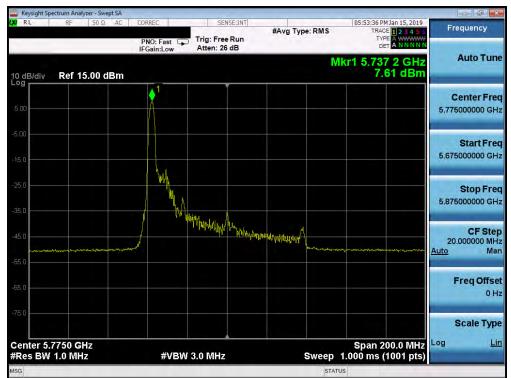
Plot 7-520. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 26 Tones (UNII Band 3) - Ch. 151)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-521. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 26 Tones (UNII Band 3) - Ch. 159)



Plot 7-522. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax - 26 Tones (UNII Band 3) - Ch. 155)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Daga 249 of 514
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MIMO Antenna-2 Power Spectral Density Measurements (52 Tones)



Plot 7-523. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 52 Tones (UNII Band 1) – Ch. 36)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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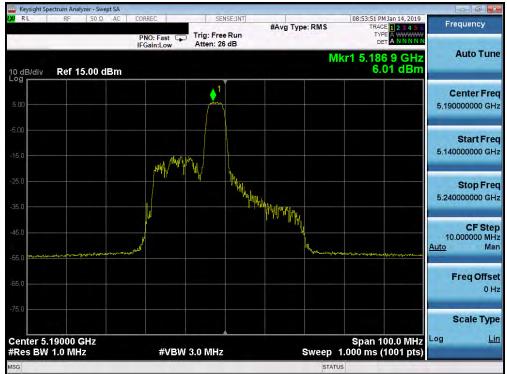
Plot 7-524. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 52 Tones (UNII Band 1) - Ch. 40)



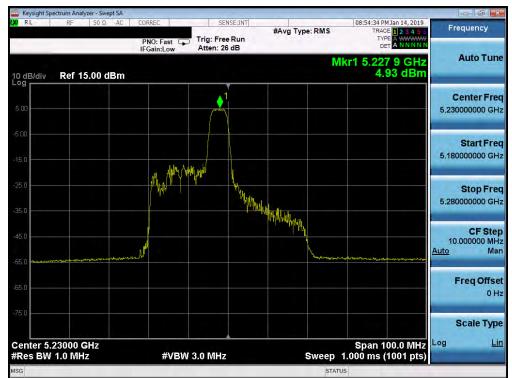
Plot 7-525. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 52 Tones (UNII Band 1) - Ch. 48)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Daga 250 of 514
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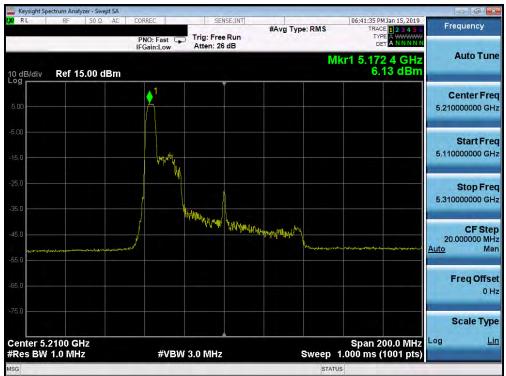
Plot 7-526. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 52 Tones (UNII Band 1) - Ch. 38)



Plot 7-527. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 52 Tones (UNII Band 1) - Ch. 46)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-528. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax - 52 Tones (UNII Band 1) - Ch. 42)



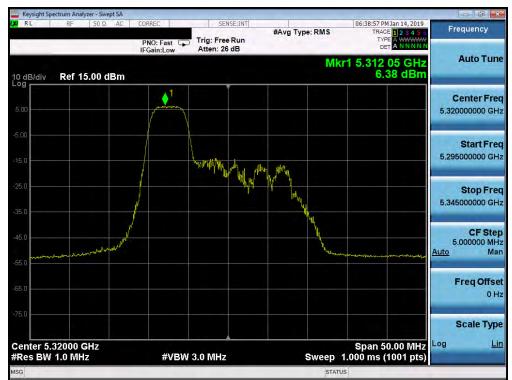
Plot 7-529. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 52 Tones (UNII Band 2A) - Ch. 52)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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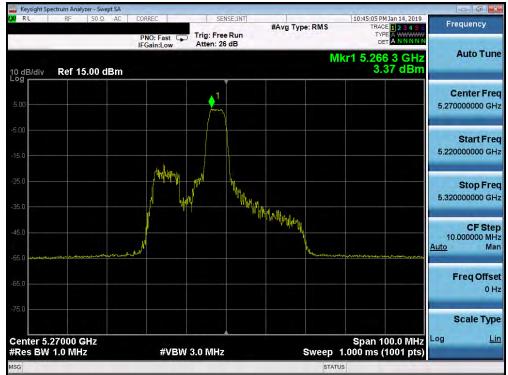
Plot 7-530. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 52 Tones (UNII Band 2A) - Ch. 56)



Plot 7-531. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 52 Tones (UNII Band 2A) - Ch. 64)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-532. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 52 Tones (UNII Band 2A) - Ch. 54)



Plot 7-533. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 52 Tones (UNII Band 2A) - Ch. 62)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-534. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax - 52 Tones (UNII Band 2A) - Ch. 58)



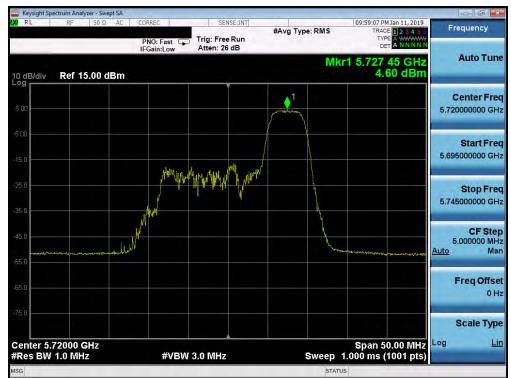
Plot 7-535. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 52 Tones (UNII Band 2C) - Ch. 100)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 255 of 514
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Plot 7-536. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 52 Tones (UNII Band 2C) – Ch. 120)



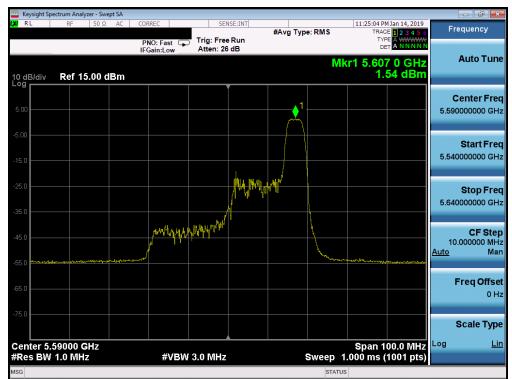
Plot 7-537. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 52 Tones (UNII Band 2C) – Ch. 144)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-538. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 52 Tones (UNII Band 2C) - Ch. 102)



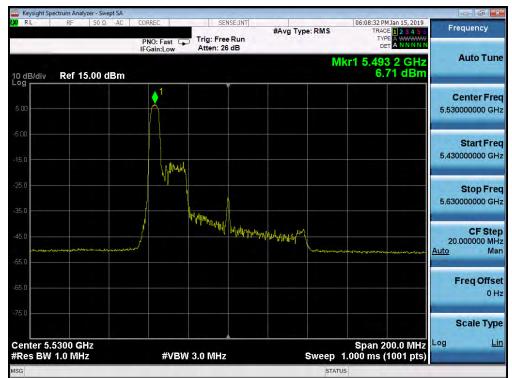
Plot 7-539. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 52 Tones (UNII Band 2C) - Ch. 118)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-540. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 52 Tones (UNII Band 2C) - Ch. 142)



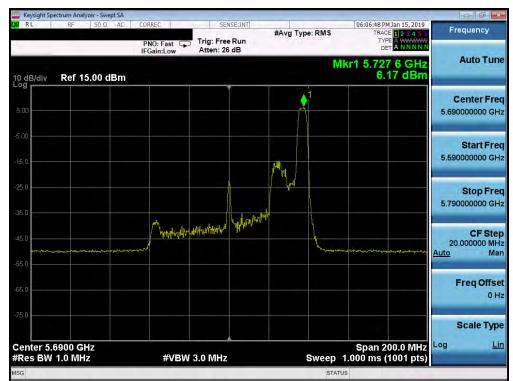
Plot 7-541. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax - 52 Tones (UNII Band 2C) - Ch. 106)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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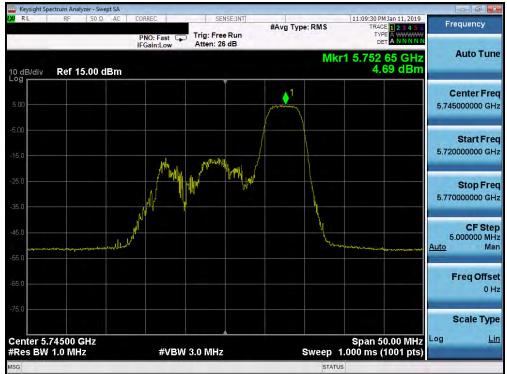
Plot 7-542. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax - 52 Tones (UNII Band 2C) - Ch. 122)



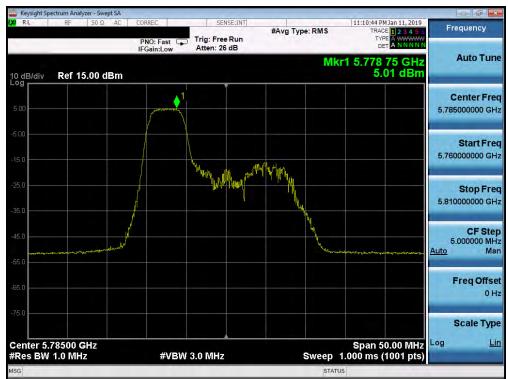
Plot 7-543. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax - 52 Tones (UNII Band 2C) - Ch. 138)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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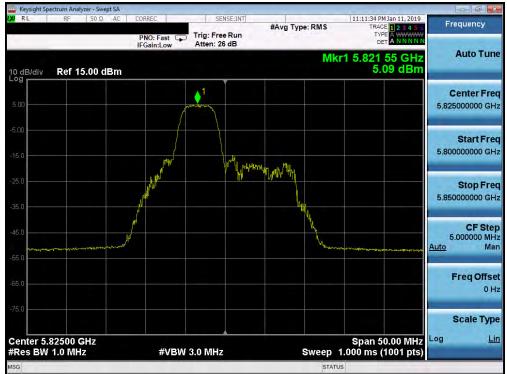
Plot 7-544. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 52 Tones (UNII Band 3) – Ch. 149)



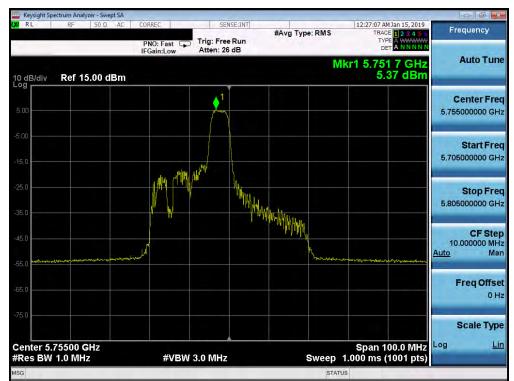
Plot 7-545. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 52 Tones (UNII Band 3) – Ch. 157)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-546. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 52 Tones (UNII Band 3) - Ch. 165)



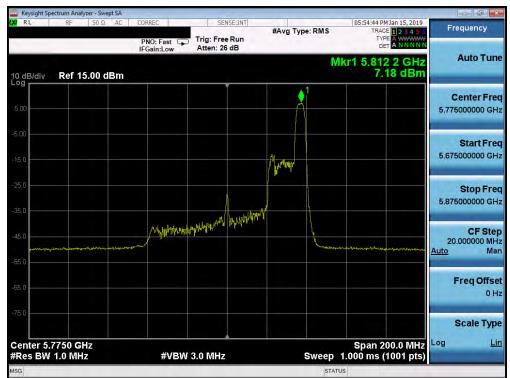
Plot 7-547. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 52 Tones (UNII Band 3) - Ch. 151)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-548. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 52 Tones (UNII Band 3) - Ch. 159)



Plot 7-549. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax - 52 Tones (UNII Band 3) - Ch. 155)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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MIMO Antenna-2 Power Spectral Density Measurements (106 Tones)



Plot 7-550. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 106 Tones (UNII Band 1) – Ch. 36)

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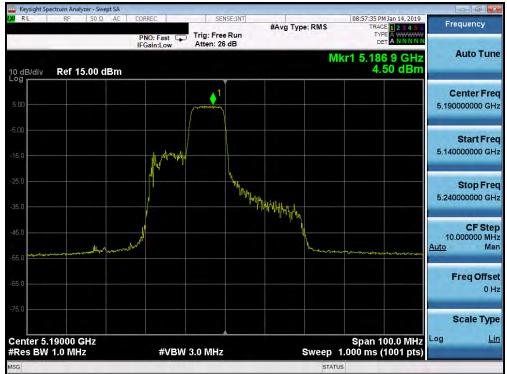
Plot 7-551. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 106 Tones (UNII Band 1) - Ch. 40)



Plot 7-552. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 106 Tones (UNII Band 1) - Ch. 48)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-553. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 106 Tones (UNII Band 1) - Ch. 38)



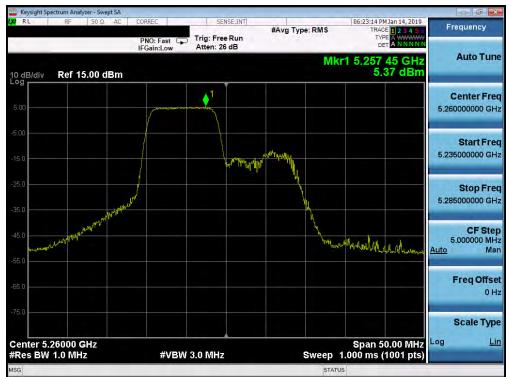
Plot 7-554. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 106 Tones (UNII Band 1) - Ch. 46)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-555. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax - 106 Tones (UNII Band 1) - Ch. 42)



Plot 7-556. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 106 Tones (UNII Band 2A) – Ch. 52)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-557. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 106 Tones (UNII Band 2A) – Ch. 56)



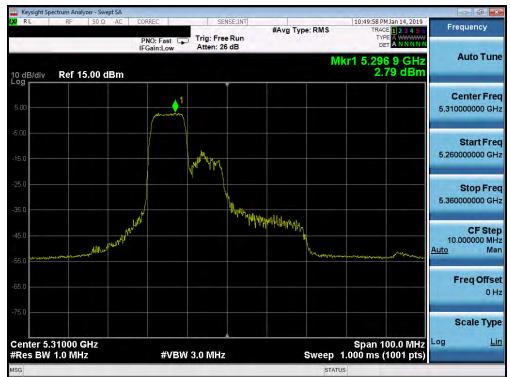
Plot 7-558. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 106 Tones (UNII Band 2A) – Ch. 64)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-559. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax – 106 Tones (UNII Band 2A) – Ch. 54)



Plot 7-560. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax – 106 Tones (UNII Band 2A) – Ch. 62)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Daga 269 of 514
1M1811230206-15.A3L	10/23 - 1/26/2018	Portable Handset		Page 368 of 514
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Plot 7-561. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax - 106 Tones (UNII Band 2A) -Ch. 58)



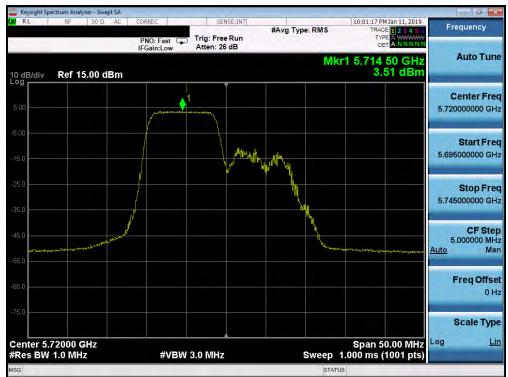
Plot 7-562. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 106 Tones (UNII Band 2C) – Ch. 100)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 200 of 514
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Plot 7-563. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 106 Tones (UNII Band 2C) -Ch. 120)



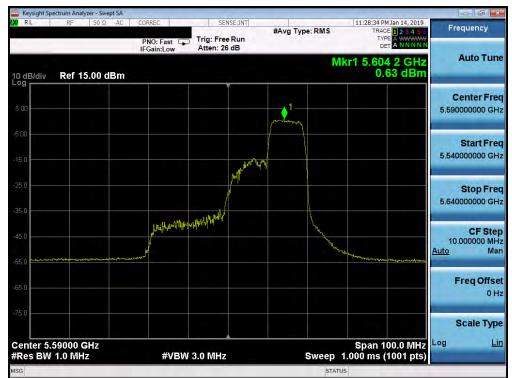
Plot 7-564. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 106 Tones (UNII Band 2C) -Ch. 144)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-565. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax – 106 Tones (UNII Band 2C) – Ch. 102)



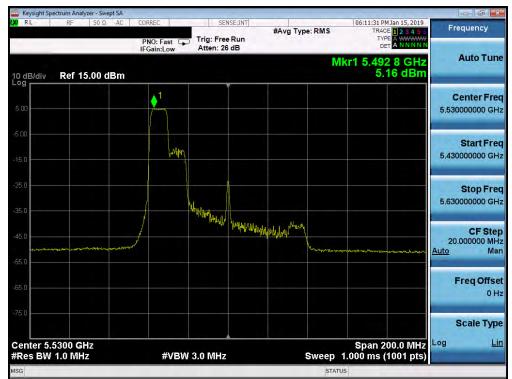
Plot 7-566. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax – 106 Tones (UNII Band 2C) – Ch. 118)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-567. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax – 106 Tones (UNII Band 2C) – Ch. 142)



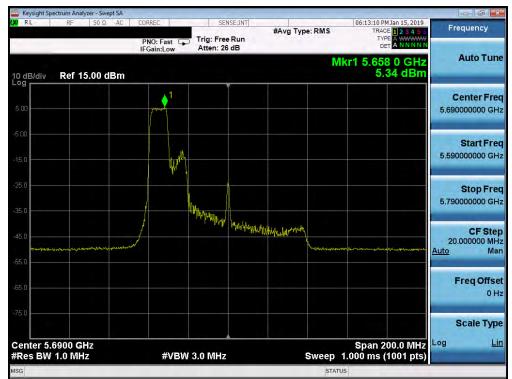
Plot 7-568. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax – 106 Tones (UNII Band 2C) – Ch. 106)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-569. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax - 106 Tones (UNII Band 2C) -Ch. 122)



Plot 7-570. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax – 106 Tones (UNII Band 2C) – Ch. 138)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Daga 272 of 514
1M1811230206-15.A3L	10/23 - 1/26/2018	Portable Handset		Page 373 of 514
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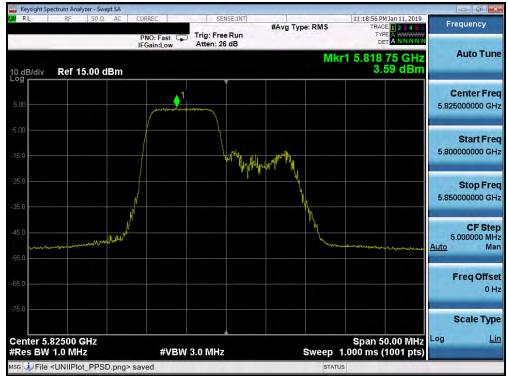
Plot 7-571. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 106 Tones (UNII Band 3) – Ch. 149)



Plot 7-572. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 106 Tones (UNII Band 3) – Ch. 157)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 274 of 514
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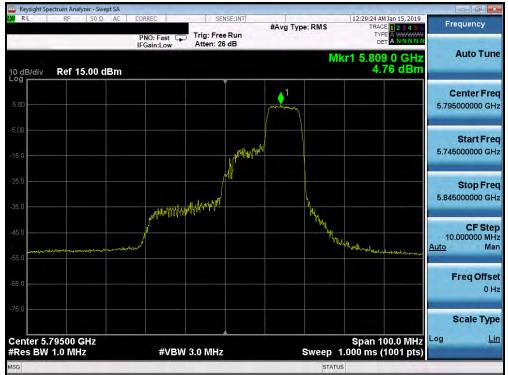
Plot 7-573. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 106 Tones (UNII Band 3) - Ch. 165)



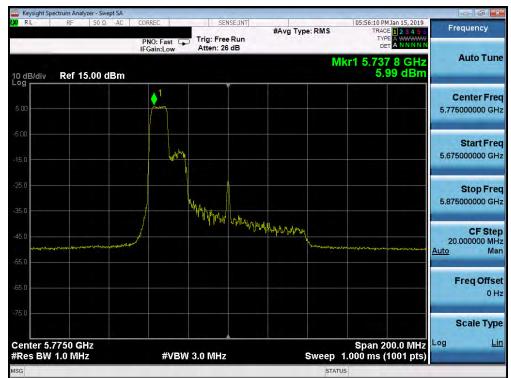
Plot 7-574. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 106 Tones (UNII Band 3) - Ch. 151)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-575. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 106 Tones (UNII Band 3) - Ch. 159)

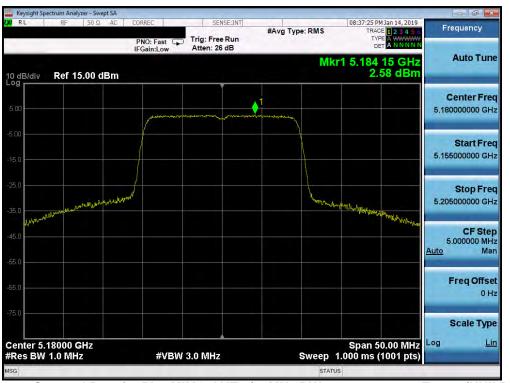


Plot 7-576. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax - 106 Tones (UNII Band 3) - Ch. 155)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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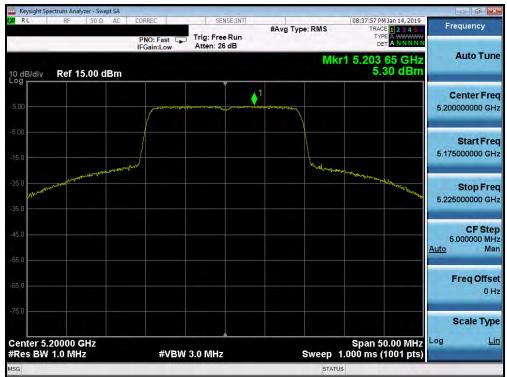
MIMO Antenna-2 Power Spectral Density Measurements (242 Tones)



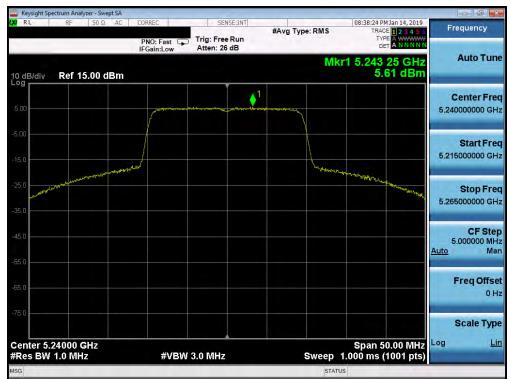
Plot 7-577. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 242 Tones (UNII Band 1) – Ch. 36)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Daga 277 of 514
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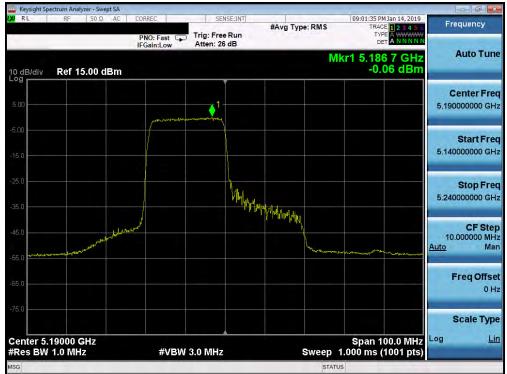
Plot 7-578. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 242 Tones (UNII Band 1) – Ch. 40)



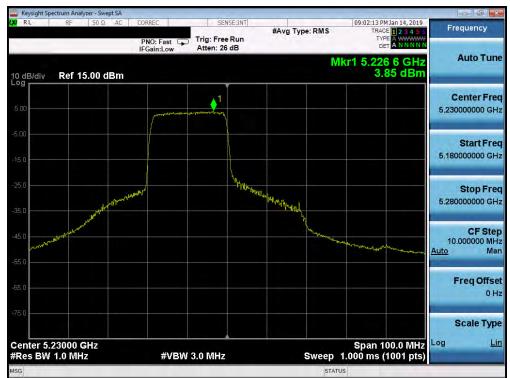
Plot 7-579. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 242 Tones (UNII Band 1) – Ch. 48)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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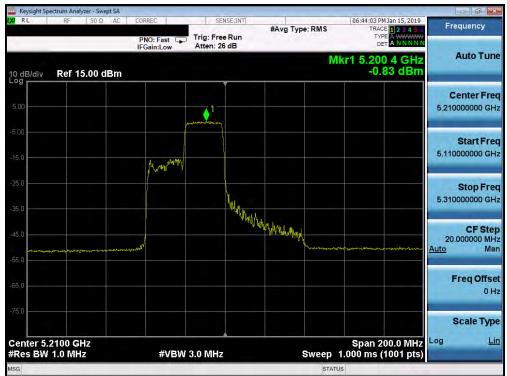
Plot 7-580. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 242 Tones (UNII Band 1) - Ch. 38)



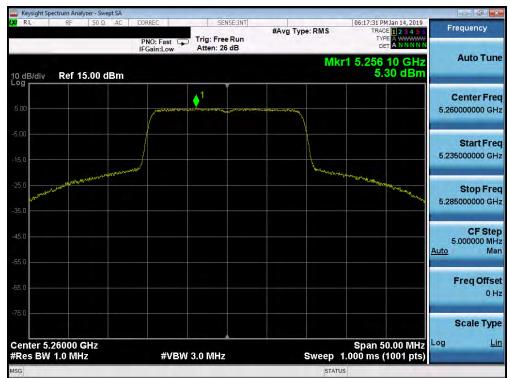
Plot 7-581. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 242 Tones (UNII Band 1) - Ch. 46)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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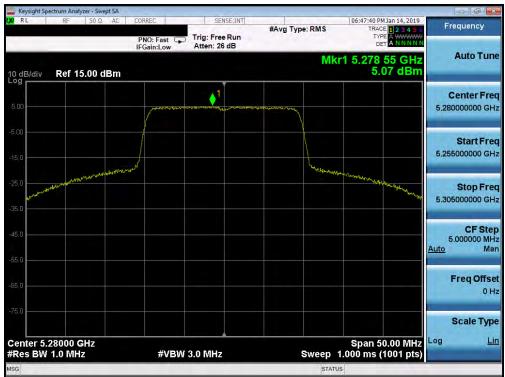
Plot 7-582. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax – 242 Tones (UNII Band 1) – Ch. 42)



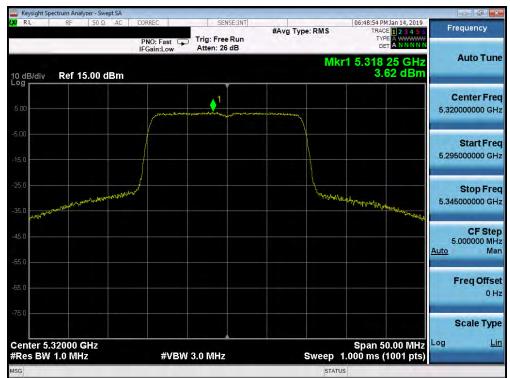
Plot 7-583. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 242 Tones (UNII Band 2A) – Ch. 52)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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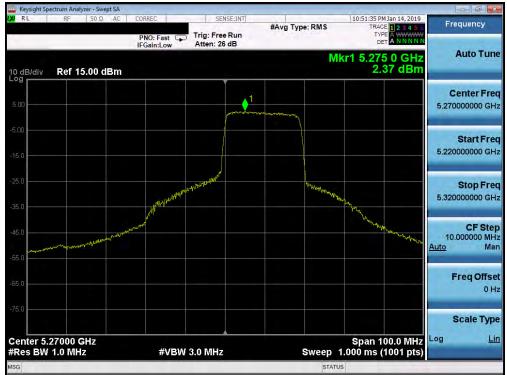
Plot 7-584. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 242 Tones (UNII Band 2A) – Ch. 56)



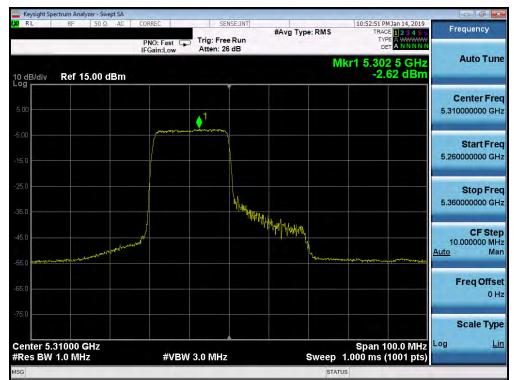
Plot 7-585. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 242 Tones (UNII Band 2A) – Ch. 64)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-586. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 242 Tones (UNII Band 2A) -Ch. 54)



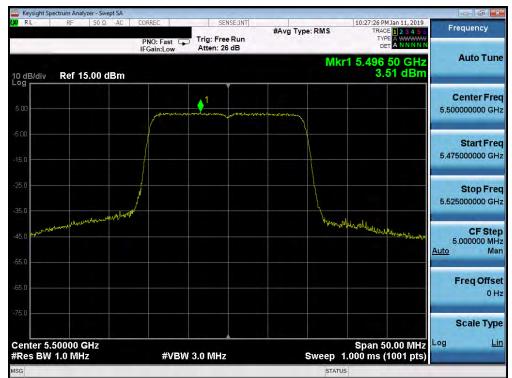
Plot 7-587. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax - 242 Tones (UNII Band 2A) -Ch. 62)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-588. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax – 242 Tones (UNII Band 2A) – Ch. 58)



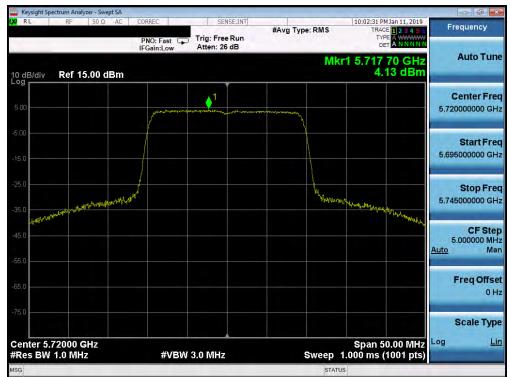
Plot 7-589. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 242 Tones (UNII Band 2C) – Ch. 100)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Keysight Spectrum Analyzer - Swept SA		and the second			
XIRL RF 50Ω AC		SENSE(INT Free Run n: 26 dB	#Avg Type: RMS	09:35:55 PM Jan 11, 2019 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A N N N N N	Frequency
10 dB/div Ref 15.00 dBm	I Guineow		Mkr	5.592 65 GHz 3.94 dBm	Auto Tune
5.00	1	and the state of the	many		Center Fre 5,600000000 GH
15.0					Start Fre 5.575000000 GH
25.0 35.0	power and the second se		hy water to	John 1	Stop Fre 5.625000000 GH
35.0 45.0 45.0				holy holy house and	CF Ste 5.000000 MH <u>Auto</u> Ma
65.0					Freq Offse 0 H
75 0 Center 5.60000 GHz #Res BW 1.0 MHz	#VBW 3.0 N	Hz	Sweep 1.	Span 50.00 MHz 000 ms (1001 pts)	Scale Typ
ASG			STATUS		

Plot 7-590. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 242 Tones (UNII Band 2C) -Ch. 120)



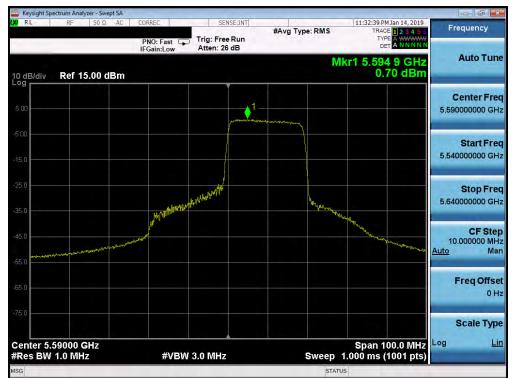
Plot 7-591. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax - 242 Tones (UNII Band 2C) -Ch. 144)

FCC ID: A3LSMG9730		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Keysight Spectrum Analyzer - Swept SA RL RF 50 Ω AC			11:32:01 PM Jan 14, 2019	
14 14 JUSE AC	PNO: Fast IFGain:Low Atten: 26 dB	#Avg Type: RMS	TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A N N N N N	Frequency
IO dB/div Ref 15.00 dBm		М	kr1 5.514 2 GHz -4.15 dBm	Auto Tune
5.00				Center Free 5.510000000 GH
15.0		*****		Start Fre 5.460000000 GH
35.0				Stop Fre 5.56000000 GH
15.0	ppyshaller and a second		where the second second second	CF Ste 10.000000 MH Auto Ma
66.0				Freq Offse 0 H
75.0 Center 5.51000 GHz Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep	Span 100.0 MHz 1.000 ms (1001 pts)	Scale Typ Log <u>Li</u>
		stati		

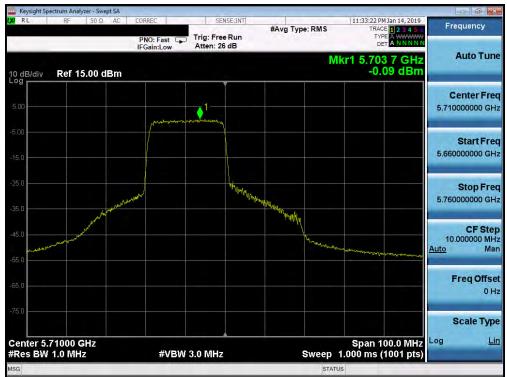
Plot 7-592. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax – 242 Tones (UNII Band 2C) – Ch. 102)



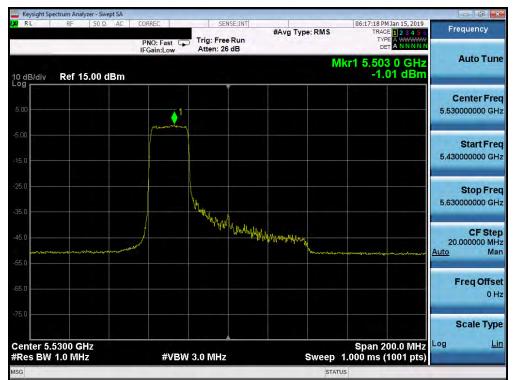
Plot 7-593. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax – 242 Tones (UNII Band 2C) – Ch. 118)

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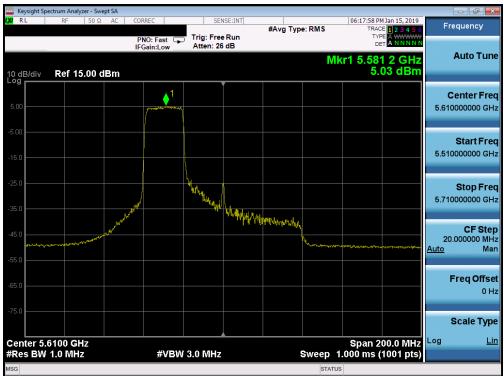
Plot 7-594. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax – 242 Tones (UNII Band 2C) – Ch. 142)



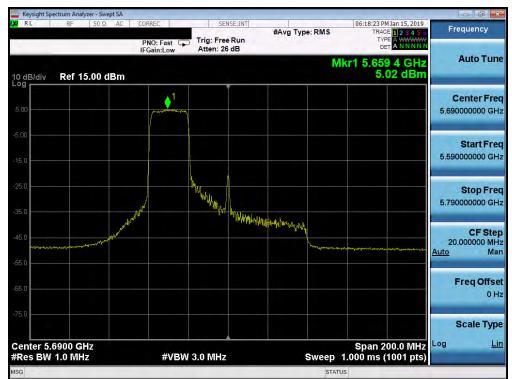
Plot 7-595. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax – 242 Tones (UNII Band 2C) – Ch. 106)

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Plot 7-596. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax - 242 Tones (UNII Band 2C) -Ch. 122)



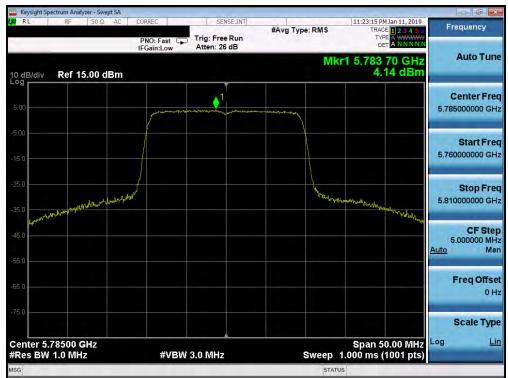
Plot 7-597. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax - 242 Tones (UNII Band 2C) -Ch. 138)

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Keysight Spectrum Analyzer - Swept SA RL RF 50 Ω AC	CORREC	SENSE:INT			22:21 PM Jan 11, 2019	
	PNO: Fast	Trig: Free Run	#Avg Type:	RMS	TRACE 1 2 3 4 5 6 TYPE A WWWW	Frequency
	IFGain:Low	Atten: 26 dB			DET A NNNNN	Auto Tun
0 dB/div Ref 15.00 dBm				Mkr1 5.	738 65 GHz 3.75 dBm	Auto Tuli
	A 1					Center Fre
5.00	- marana		monitor			5.745000000 GH
5,00						Start Fre
15,0						5.720000000 GH
25.0						Stop Fre
35.0	Next			Montymeleyanny	Ald the w	5.770000000 GH
35.0 and an and a start of the					all for the second second second second	CF Ste
45.0						5.000000 MH Auto Ma
55.0						
65,0						Freq Offse
75.0						
						Scale Typ
enter 5.74500 GHz Res BW 1.0 MHz	#VBW 3		9		oan 50.00 MHz ms (1001 pts)	Log <u>Li</u>
SG	<i></i>		3	status	ma (noor pis)	

Plot 7-598. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 242 Tones (UNII Band 3) – Ch. 149)



Plot 7-599. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 242 Tones (UNII Band 3) – Ch. 157)

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