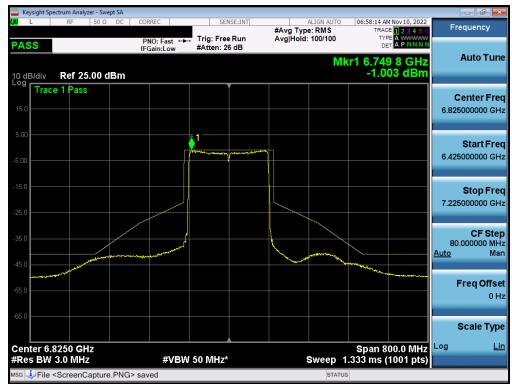




Plot 7-247. In-Band Emission Plot Measurement MIMO ANT1 (160MHz 802.11ax (UNII Band 7) - Ch. 143)

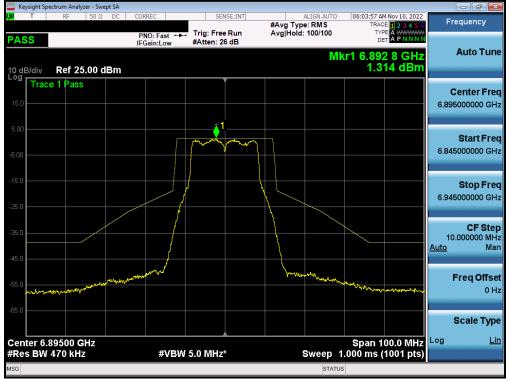


Plot 7-248. In-Band Emission Plot Measurement MIMO ANT1 (160MHz 802.11ax (UNII Band 7) - Ch. 175)

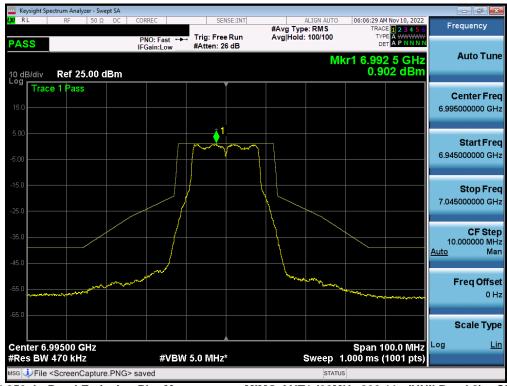
FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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MIMO Antenna-1 In-Band Emission Plot Measurement - (UNII Band 8)



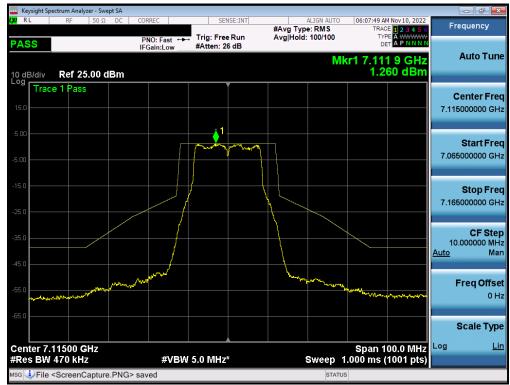
Plot 7-249. In-Band Emission Plot Measurement MIMO ANT1 (20MHz 802.11a (UNII Band 8) - Ch. 189)



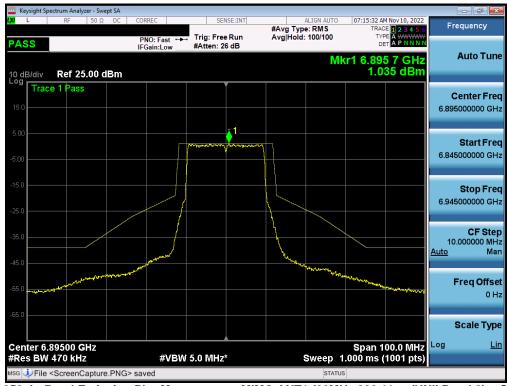
Plot 7-250. In-Band Emission Plot Measurement MIMO ANT1 (20MHz 802.11a (UNII Band 8) - Ch. 209)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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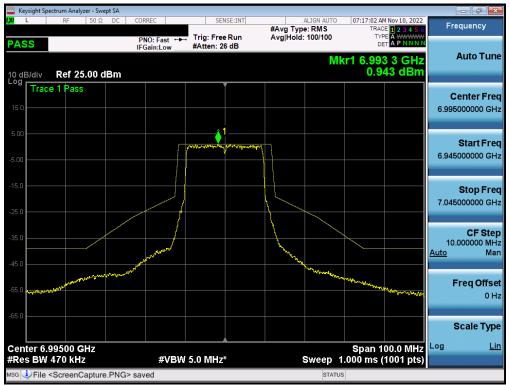
Plot 7-251. In-Band Emission Plot Measurement MIMO ANT1 (20MHz 802.11a (UNII Band 8) - Ch. 233)



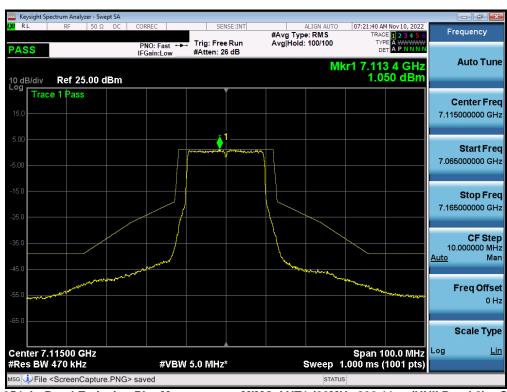
Plot 7-252. In-Band Emission Plot Measurement MIMO ANT1 (20MHz 802.11ax (UNII Band 8) - Ch. 189)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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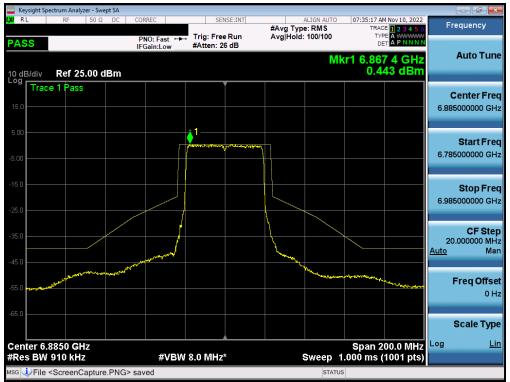
Plot 7-253. In-Band Emission Plot Measurement MIMO ANT1 (20MHz 802.11ax (UNII Band 8) - Ch. 209)



Plot 7-254. In-Band Emission Plot Measurement MIMO ANT1 (20MHz 802.11ax (UNII Band 8) - Ch. 233)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-255. In-Band Emission Plot Measurement MIMO ANT1 (40MHz 802.11ax (UNII Band 8) - Ch. 187)



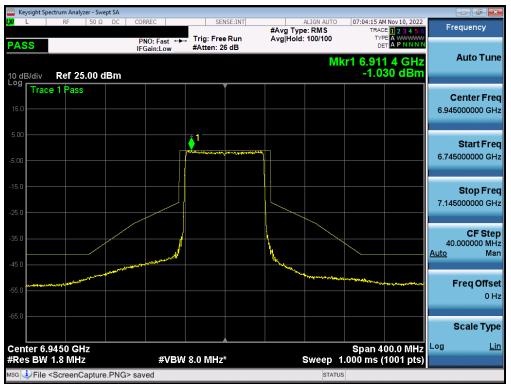
Plot 7-256. In-Band Emission Plot Measurement MIMO ANT1 (40MHz 802.11ax (UNII Band 8) - Ch. 211)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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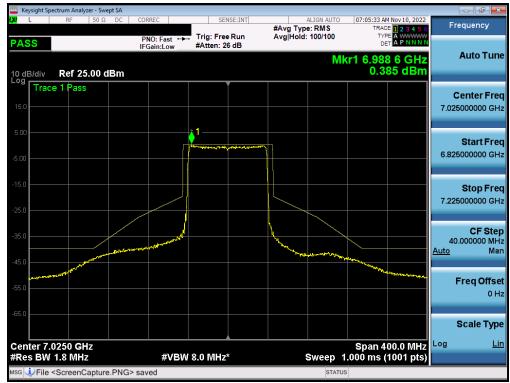
Plot 7-257. In-Band Emission Plot Measurement MIMO ANT1 (40MHz 802.11ax (UNII Band 8) - Ch. 227)



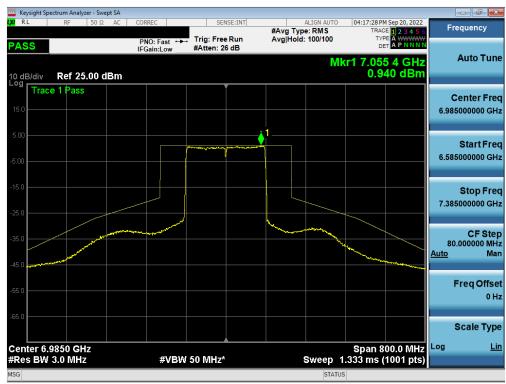
Plot 7-258. In-Band Emission Plot Measurement MIMO ANT1 (80MHz 802.11ax (UNII Band 8) - Ch. 199)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-259. In-Band Emission Plot Measurement MIMO ANT1 (80MHz 802.11ax (UNII Band 8) - Ch. 215)

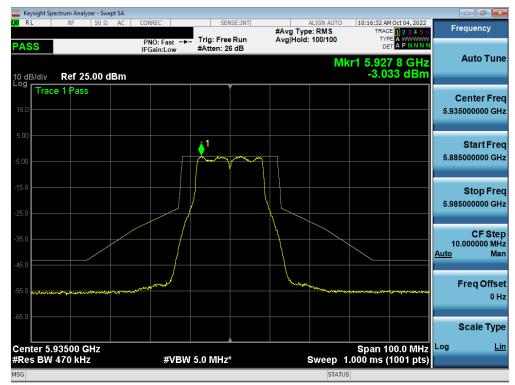


Plot 7-260. In-Band Emission Plot Measurement MIMO ANT1 (160MHz 802.11ax (UNII Band 8) - Ch. 207)

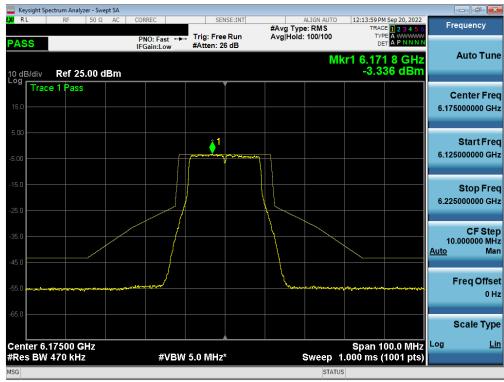
FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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MIMO Antenna-2 In-Band Emission Plot Measurement - (UNII Band 5)



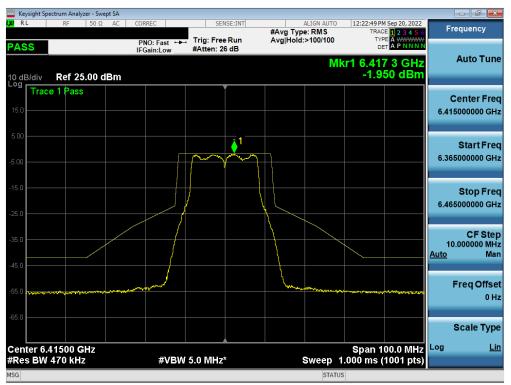
Plot 7-261. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11a (UNII Band 5) - Ch. 2)



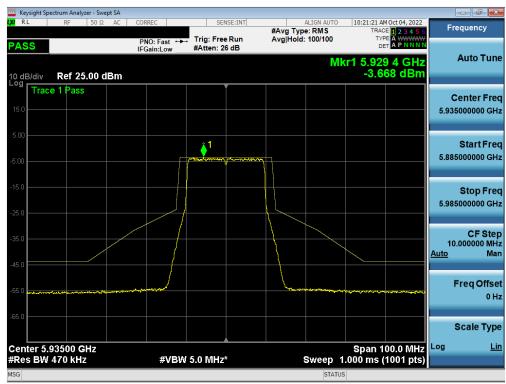
Plot 7-262. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11a (UNII Band 5) - Ch. 45)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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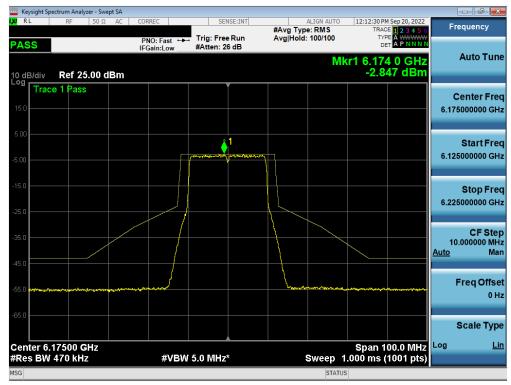
Plot 7-263. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11a (UNII Band 5) - Ch. 93)



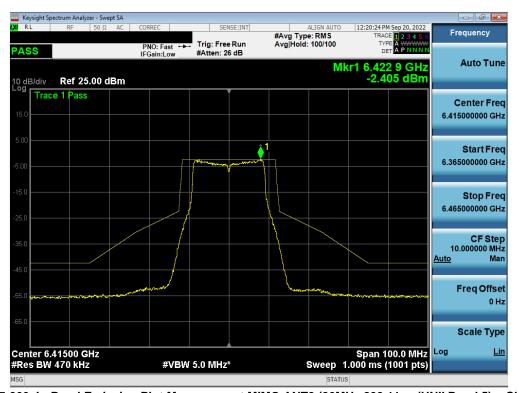
Plot 7-264. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11ax (UNII Band 5) - Ch. 2)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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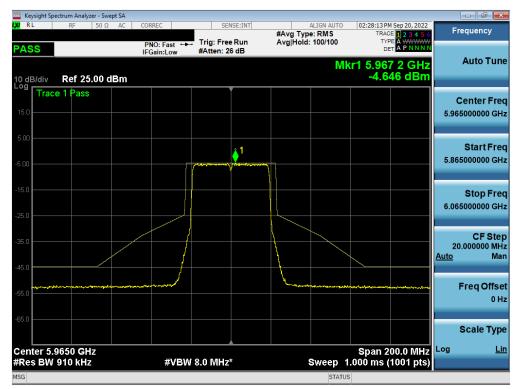
Plot 7-265. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11ax (UNII Band 5) - Ch. 45)



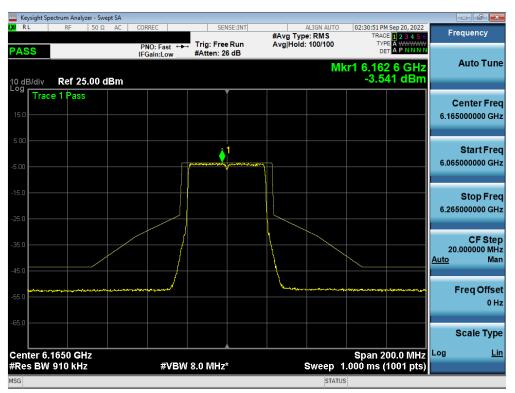
Plot 7-266. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11ax (UNII Band 5) - Ch. 93)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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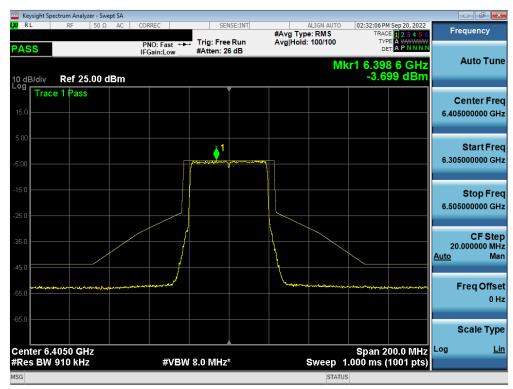
Plot 7-267. In-Band Emission Plot Measurement MIMO ANT2 (40MHz 802.11ax (UNII Band 5) - Ch. 3)



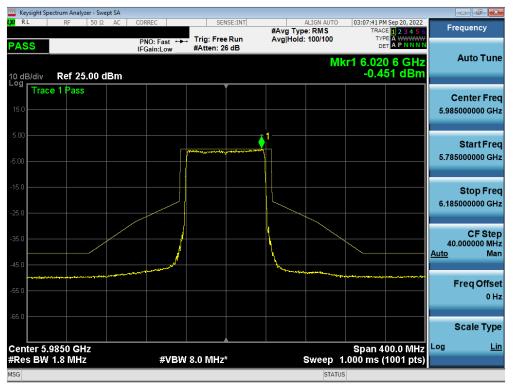
Plot 7-268. In-Band Emission Plot Measurement MIMO ANT2 (40MHz 802.11ax (UNII Band 5) - Ch. 43)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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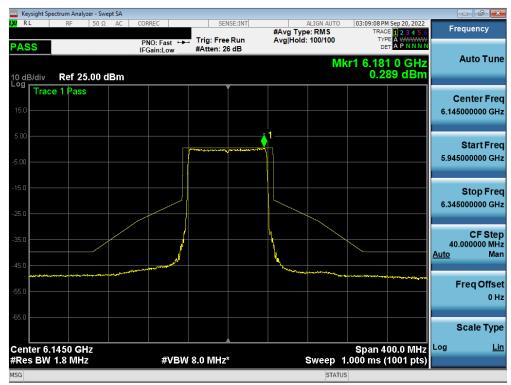
Plot 7-269. In-Band Emission Plot Measurement MIMO ANT2 (40MHz 802.11ax (UNII Band 5) - Ch. 91)



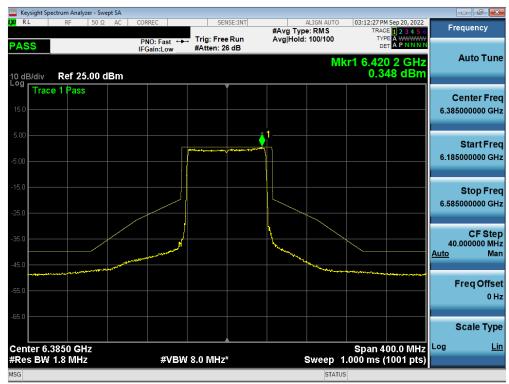
Plot 7-270. In-Band Emission Plot Measurement MIMO ANT2 (80MHz 802.11ax (UNII Band 5) - Ch. 7)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-271. In-Band Emission Plot Measurement MIMO ANT2 (80MHz 802.11ax (UNII Band 5) - Ch. 39)



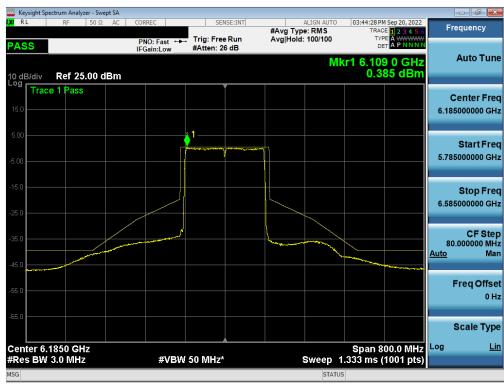
Plot 7-272. In-Band Emission Plot Measurement MIMO ANT2 (80MHz 802.11ax (UNII Band 5) - Ch. 87)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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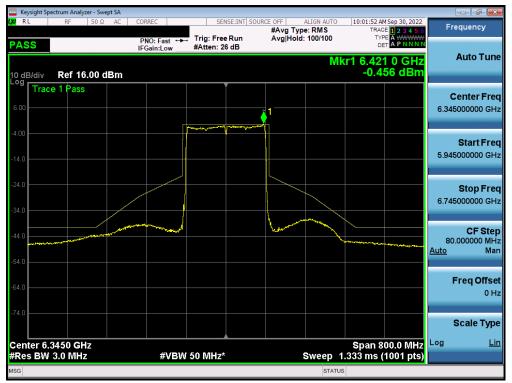
Plot 7-273. In-Band Emission Plot Measurement MIMO ANT2 (160MHz 802.11ax (UNII Band 5) - Ch. 15)



Plot 7-274. In-Band Emission Plot Measurement MIMO ANT2 (160MHz 802.11ax (UNII Band 5) - Ch. 47)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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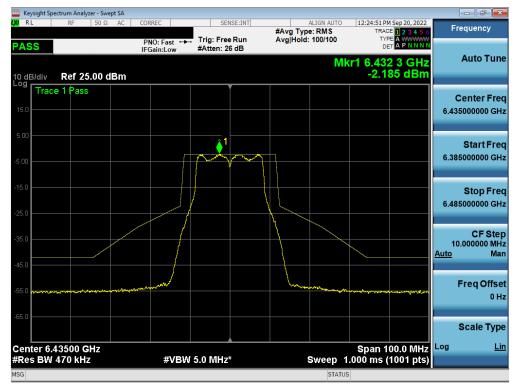


Plot 7-275. In-Band Emission Plot Measurement MIMO ANT2 (160MHz 802.11ax (UNII Band 5) - Ch. 79)

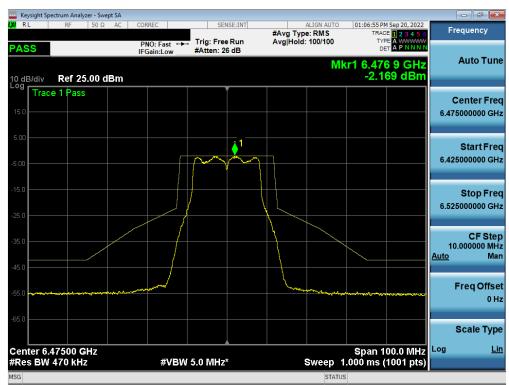
FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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MIMO Antenna-2 In-Band Emission Plot Measurement - (UNII Band 6)



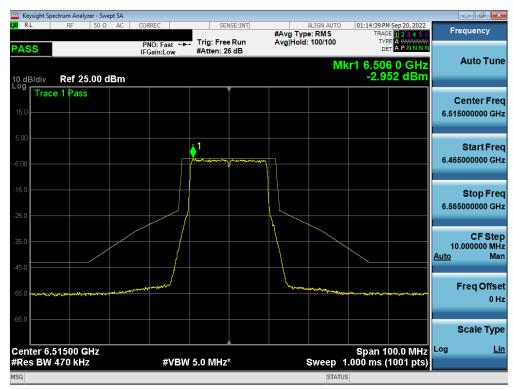
Plot 7-276. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11a (UNII Band 6) - Ch. 97)



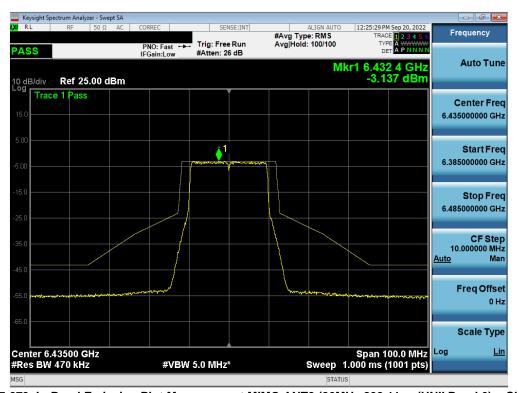
Plot 7-277. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11a (UNII Band 6) - Ch. 105)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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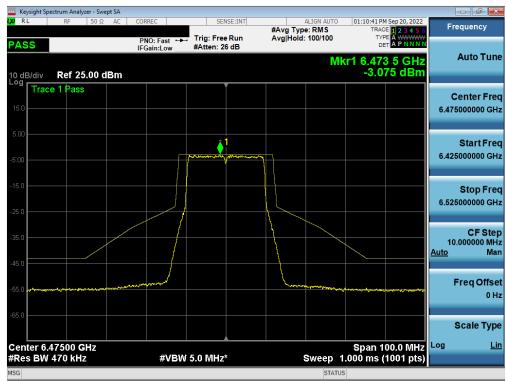
Plot 7-278. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11a (UNII Band 6) - Ch. 113)



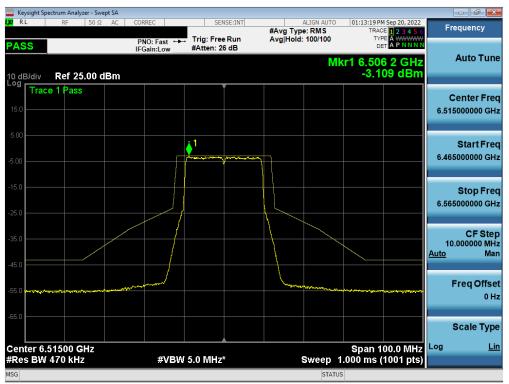
Plot 7-279. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11ax (UNII Band 6) - Ch. 97)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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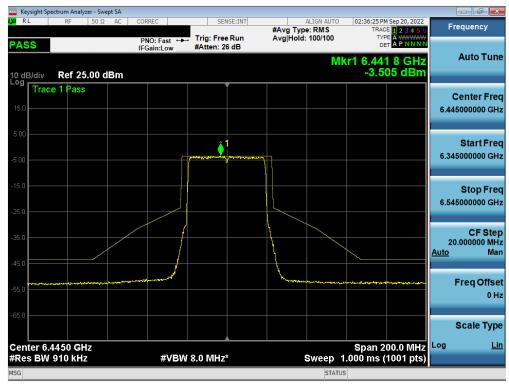
Plot 7-280. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11ax (UNII Band 6) - Ch. 105)



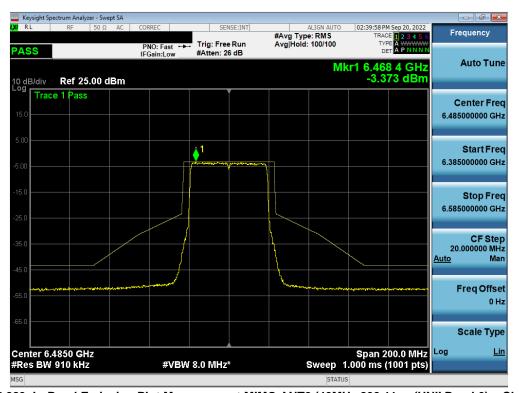
Plot 7-281. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11ax (UNII Band 6) - Ch. 113)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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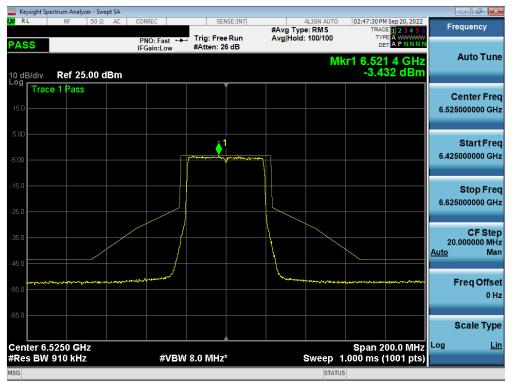
Plot 7-282. In-Band Emission Plot Measurement MIMO ANT2 (40MHz 802.11ax (UNII Band 6) - Ch. 99)



Plot 7-283. In-Band Emission Plot Measurement MIMO ANT2 (40MHz 802.11ax (UNII Band 6) - Ch. 107)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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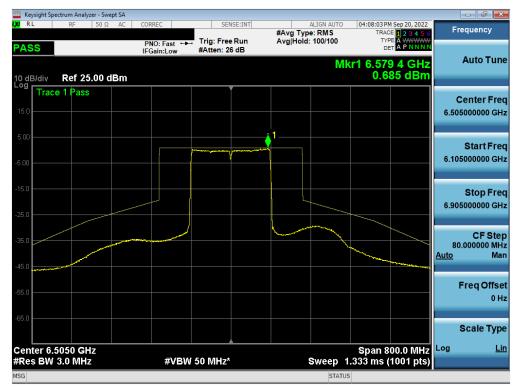
Plot 7-284. In-Band Emission Plot Measurement MIMO ANT2 (40MHz 802.11ax (UNII Band 6) - Ch. 115)



Plot 7-285. In-Band Emission Plot Measurement MIMO ANT2 (80MHz 802.11ax (UNII Band 6) - Ch. 103)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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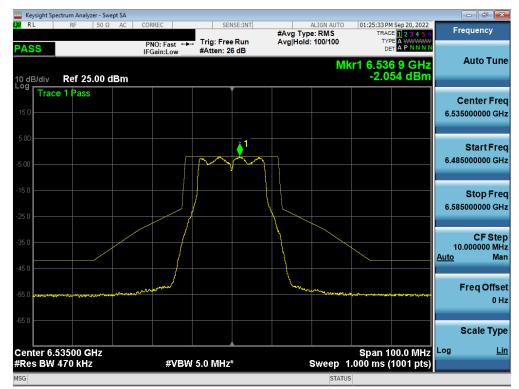
Plot 7-286. In-Band Emission Plot Measurement MIMO ANT2 (160MHz 802.11ax (UNII Band 6) - Ch. 111)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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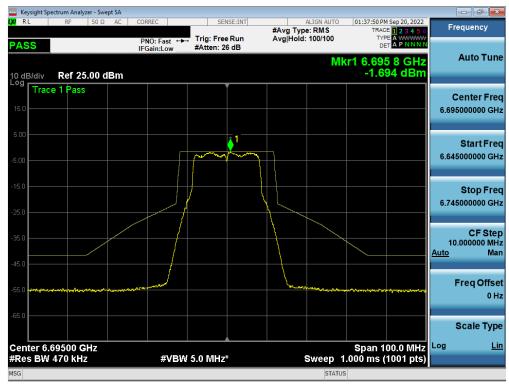
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MIMO Antenna-2 In-Band Emission Plot Measurement - (UNII Band 7)



Plot 7-287. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11a (UNII Band 7) - Ch. 117)



Plot 7-288. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11a (UNII Band 7) - Ch. 149)

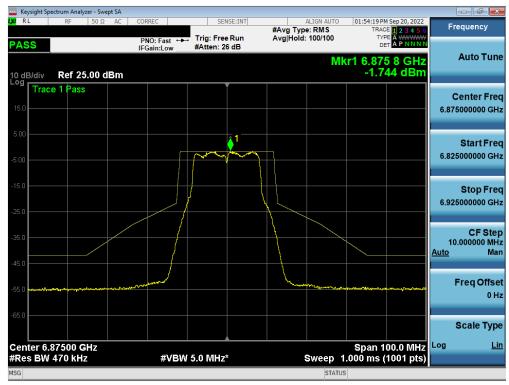
FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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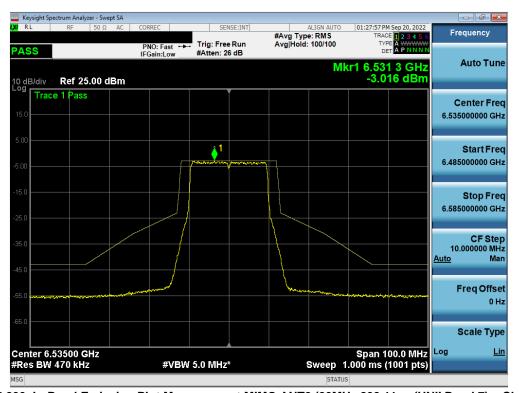
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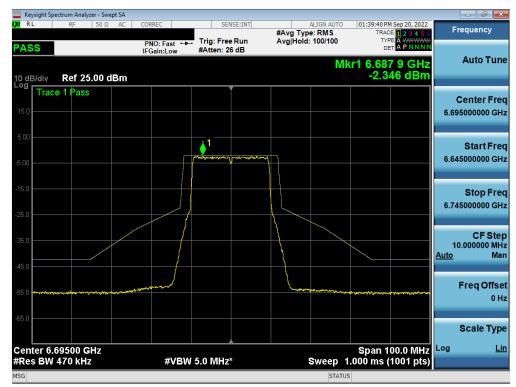
Plot 7-289. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11a (UNII Band 7) - Ch. 185)



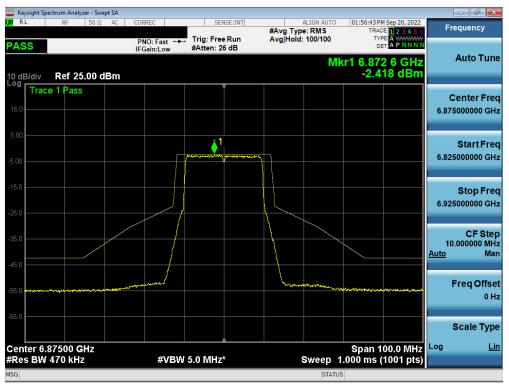
Plot 7-290. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11ax (UNII Band 7) - Ch. 117)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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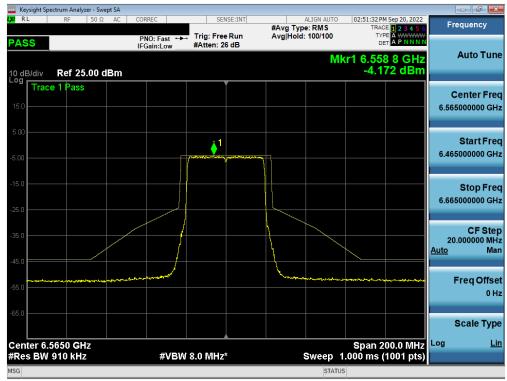
Plot 7-291. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11ax (UNII Band 7) - Ch. 149)



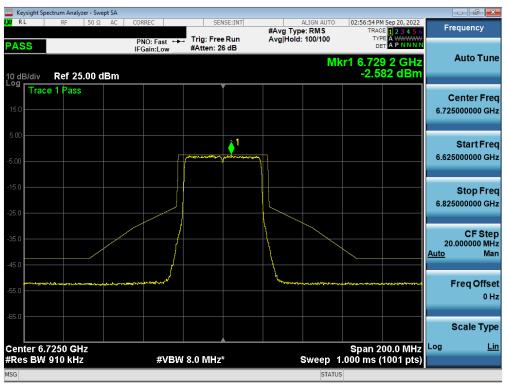
Plot 7-292. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11ax (UNII Band 7) - Ch. 185)

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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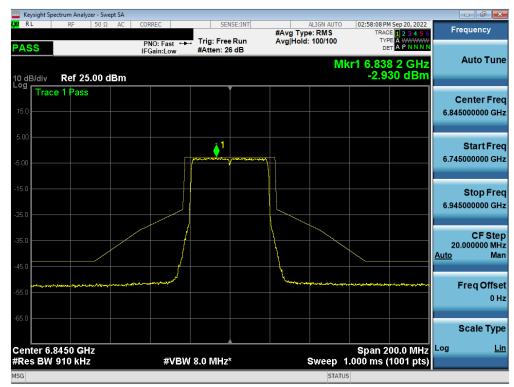
Plot 7-293. In-Band Emission Plot Measurement MIMO ANT2 (40MHz 802.11ax (UNII Band 7) - Ch. 123)



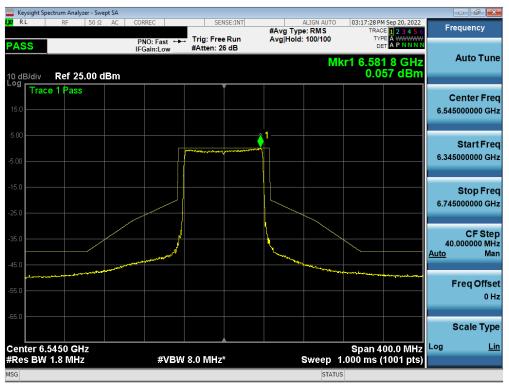
Plot 7-294. In-Band Emission Plot Measurement MIMO ANT2 (40MHz 802.11ax (UNII Band 7) - Ch. 155)

FCC: A3LSMS918JPN		MEASUREMENT REPORT (CERTIFICATION)		
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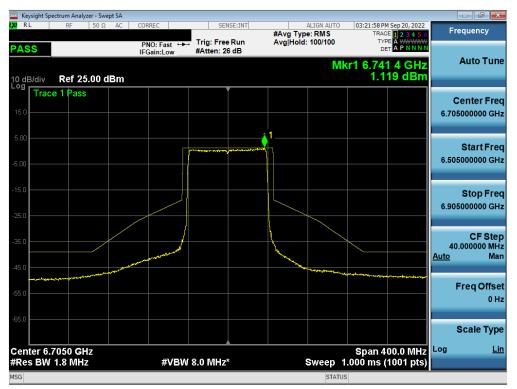
Plot 7-295. In-Band Emission Plot Measurement MIMO ANT2 (40MHz 802.11ax (UNII Band 7) - Ch. 179)



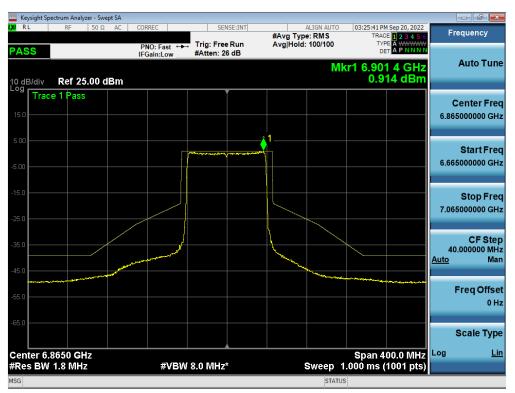
Plot 7-296. In-Band Emission Plot Measurement MIMO ANT2 (80MHz 802.11ax (UNII Band 7) - Ch. 119)

FCC: A3LSMS918JPN		MEASUREMENT REPORT (CERTIFICATION)		
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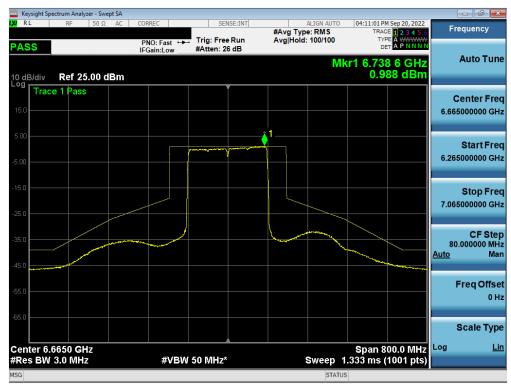
Plot 7-297. In-Band Emission Plot Measurement MIMO ANT2 (80MHz 802.11ax (UNII Band 7) - Ch. 151)



Plot 7-298. In-Band Emission Plot Measurement MIMO ANT2 (80MHz 802.11ax (UNII Band 7) - Ch. 183)

FCC: A3LSMS918JPN		MEASUREMENT REPORT (CERTIFICATION)		
Test Report S/N:	Test Dates:	EUT Type:	Page 180 of 238	
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Plot 7-299. In-Band Emission Plot Measurement MIMO ANT2 (160MHz 802.11ax (UNII Band 7) - Ch. 143)

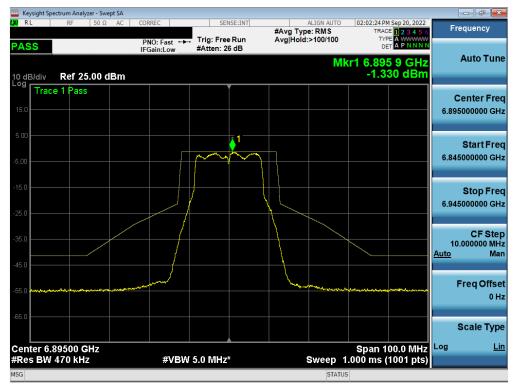


Plot 7-300. In-Band Emission Plot Measurement MIMO ANT2 (160MHz 802.11ax (UNII Band 7) - Ch. 175)

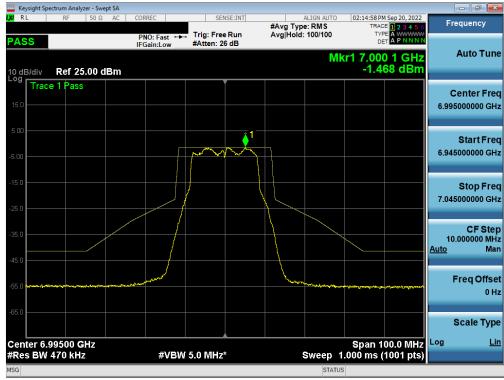
FCC: A3LSMS918JPN		MEASUREMENT REPORT (CERTIFICATION)		
Test Report S/N:	Test Dates:	EUT Type:	Page 181 of 238	
1M2212080137-13-R1.A3L	9/3/2022 - 11/8/2022	Portable Handset	Page 101 01 230	



MIMO Antenna-2 In-Band Emission Plot Measurement - (UNII Band 8)



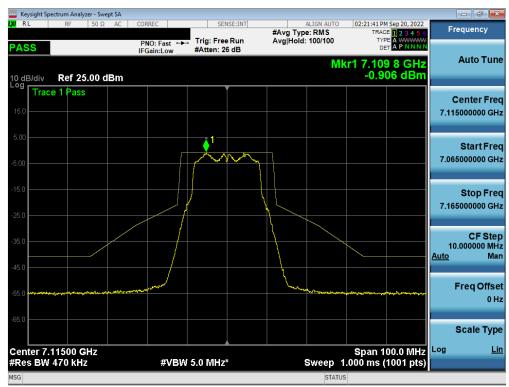
Plot 7-301. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11a (UNII Band 8) - Ch. 189)



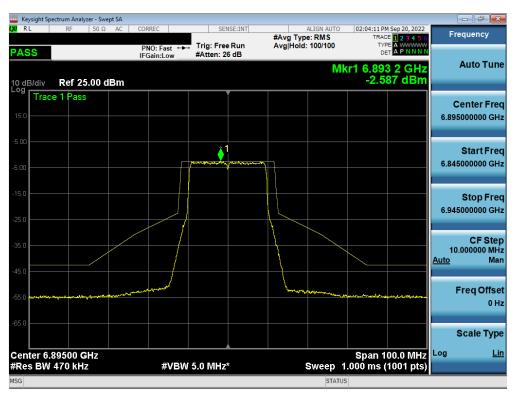
Plot 7-302. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11a (UNII Band 8) - Ch. 209)

FCC: A3LSMS918JPN		MEASUREMENT REPORT (CERTIFICATION)		
Test Report S/N:	Test Dates:	EUT Type:	Dogo 192 of 229	
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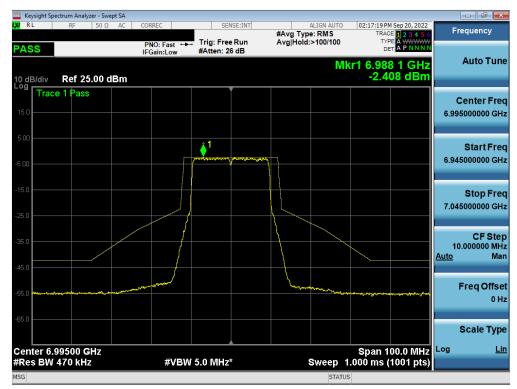
Plot 7-303. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11a (UNII Band 8) - Ch. 233)



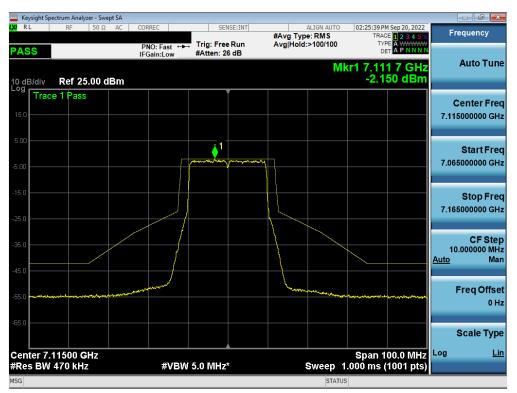
Plot 7-304. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11ax (UNII Band 8) - Ch. 189)

FCC: A3LSMS918JPN		MEASUREMENT REPORT (CERTIFICATION)		
Test Report S/N:	Test Dates:	EUT Type:	Dogo 192 of 229	
1M2212080137-13-R1.A3L	9/3/2022 - 11/8/2022	Portable Handset	Page 183 of 238	





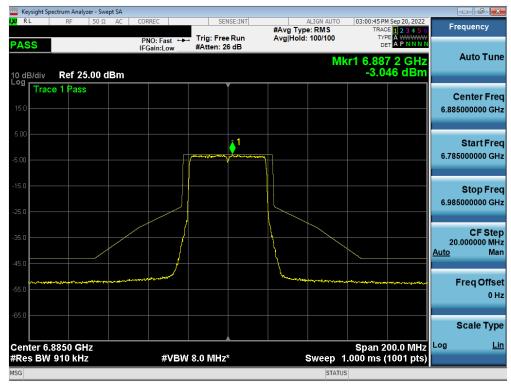
Plot 7-305. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11ax (UNII Band 8) - Ch. 209)



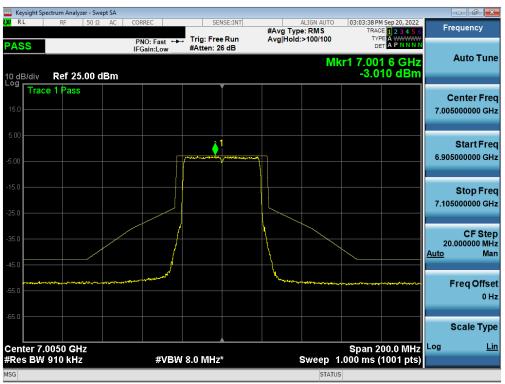
Plot 7-306. In-Band Emission Plot Measurement MIMO ANT2 (20MHz 802.11ax (UNII Band 8) - Ch. 233)

FCC: A3LSMS918JPN		MEASUREMENT REPORT (CERTIFICATION)		
Test Report S/N:	Test Dates:	EUT Type:	Dogo 194 of 229	
1M2212080137-13-R1.A3L	9/3/2022 - 11/8/2022	Portable Handset	Page 184 of 238	





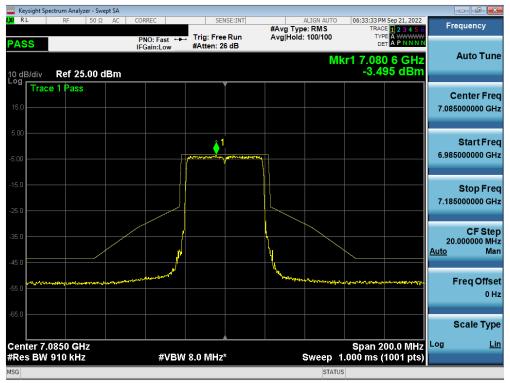
Plot 7-307. In-Band Emission Plot Measurement MIMO ANT2 (40MHz 802.11ax (UNII Band 8) - Ch. 187)



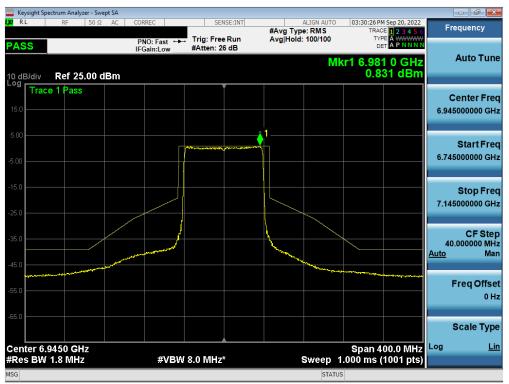
Plot 7-308. In-Band Emission Plot Measurement MIMO ANT2 (40MHz 802.11ax (UNII Band 8) - Ch. 211)

FCC: A3LSMS918JPN		MEASUREMENT REPORT (CERTIFICATION)		
Test Report S/N:	Test Dates:	EUT Type:	Dogo 195 of 229	
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Plot 7-309. In-Band Emission Plot Measurement MIMO ANT2 (40MHz 802.11ax (UNII Band 8) - Ch. 227)



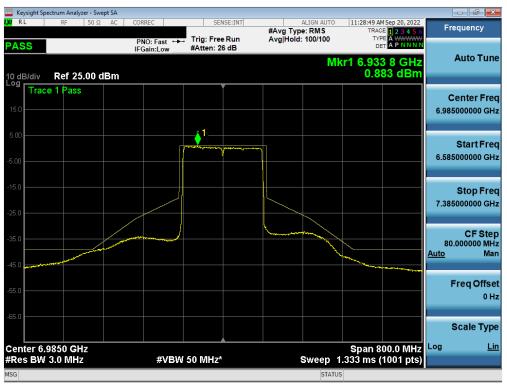
Plot 7-310. In-Band Emission Plot Measurement MIMO ANT2 (80MHz 802.11ax (UNII Band 8) - Ch. 199)

FCC: A3LSMS918JPN		MEASUREMENT REPORT (CERTIFICATION)		
Test Report S/N:	Test Dates:	EUT Type:	Dogg 400 of 220	
1M2212080137-13-R1.A3L	9/3/2022 - 11/8/2022	Portable Handset	Page 186 of 238	





Plot 7-311. In-Band Emission Plot Measurement MIMO ANT2 (80MHz 802.11ax (UNII Band 8) - Ch. 215)



Plot 7-312. In-Band Emission Plot Measurement MIMO ANT2 (160MHz 802.11ax (UNII Band 8) - Ch. 207)

FCC: A3LSMS918JPN		MEASUREMENT REPORT (CERTIFICATION)		
Test Report S/N:	Test Dates:	EUT Type:	Dogg 407 of 220	
1M2212080137-13-R1.A3L	9/3/2022 - 11/8/2022	Portable Handset	Page 187 of 238	



7.6 Contention Based Protocol – 802.11a/ax §15.407(d)(6)

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 as long as 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 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: A3LSMS918JPN		MEASUREMENT REPORT (CERTIFICATION)		
Test Report S/N:	Test Dates:	EUT Type:	Dogg 400 of 220	
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Test Setup

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

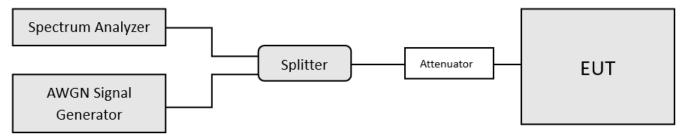


Figure 7-5. Contention-based protocol test setup, conducted method

Test Notes

- 1. Per guidance from KDB 987594 D02 v01r01, contention based protocol was tested using an AWGN signal with a bandwidth of 10MHz (see Plot 7-313). The amplitude of the signal was increased until detected by the EUT, signaled by the ceasing of transmission (see Plot 7-329), 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 ran in order to assure that at least 90% of certainty was met.
- 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 transmiting.

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

Equation 7-1. Detection Level Calculation

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	-85.58	-7.27	-78.31	-62.0	-16.31
UNII				6110	-85.87	-7.27	-78.60	-62.0	-16.60
Band 5	47	6185	160	6185	-83.98	-7.27	-76.71	-62.0	-14.71
				6260	-75.03	-7.27	-67.76	-62.0	-5.76
	101	6455	20	6455	-89.92	-9.94	-79.98	-62.0	-17.98
UNII				6430	-85.39	-9.94	-75.45	-62.0	-13.45
Band 6	111	6505	160	6505	-85.36	-9.94	-75.42	-62.0	-13.42
				6580	-87.28	-9.94	-77.34	-62.0	-15.34
	149	6695	20	6695	-86.43	-7.45	-78.98	-62.0	-16.98
UNII				6750	-85.40	-7.45	-77.95	-62.0	-15.95
Band 7	175	6825	160	6825	-83.30	-7.45	-75.85	-62.0	-13.85
				6900	-85.70	-7.45	-78.25	-62.0	-16.25
	197	6935	20	6935	-89.93	-5.75	-84.18	-62.0	-22.18
UNII				6910	-82.94	-5.75	-77.19	-62.0	-15.19
Band 8	207	6985	160	6985	-85.95	-5.75	-80.20	-62.0	-18.20
				7060	-87.98	-5.75	-82.23	-62.0	-20.23

Table 7-8. Contention Based Protocol – Incumbent Detection Results

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 189 of 238
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		Channel Freq					Transmission S	
			Channel BW	Incumbent Freq [MHz]	Antenna Gain	Adjusted AWGN Power (dBm)		
Band	Channel	[MHz]	[MHz]		[dBi]	Normal	Minimal	Ceased
	53	6215	20	6215	-7.27	-83.35	-79.31	-78.31
UNII				6110	-7.27	-81.89	-79.63	-78.60
Band 5	47	6185	160	6185	-7.27	-78.95	-77.43	-76.71
				6260	-7.27	-70.07	-68.86	-67.76
	101	6455	20	6455	-9.94	-81.49	-80.88	-79.98
UNII	111	6505	160	6430	-9.94	-77.34	-76.35	-75.45
Band 6				6505	-9.94	-78.42	-76.63	-75.42
				6580	-9.94	-78.54	-78.09	-77.34
	149	6695	20	6695	-7.45	-81.06	-79.67	-78.98
UNII				6750	-7.45	-80.95	-78.95	-77.95
Band 7	175	6825	160	6825	-7.45	-79.05	-77.05	-75.85
				6900	-7.45	-80.65	-79.25	-78.25
	197	6935	20	6935	-5.75	-85.18	-84.78	-84.18
UNII				6910	-5.75	-78.39	-77.99	-77.19
Band 8	207	6985	160	6985	-5.75	-82.80	-81.20	-80.20
				7060	-5.75	-84.91	-83.47	-82.23

Table 7-9. Contention Based Protocol – Detection Results – All Tx Cases

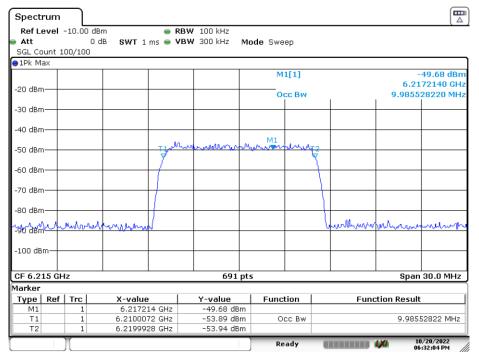
CBP Detection (1 = Detection, Blank = No Detection)																										
Band	Channel	Channel Freq [MHz]	Channel BW [MHz]	Incumbent Freq [MHz]	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Detection Rate (%)						
	53	6215	20	6215	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100						
UNII				6110	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100						
Band 5	47 6185 16	6185 160	6185	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100							
				6260	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100						
	101	6455	20	6455	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100						
UNII	111 6505		6505 160	6430	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100						
Band 6		6505		6505	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100						
				6580	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100						
	149	6695	20	6695	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100						
UNII		6825		6750	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100						
Band 7	175		6825	6825	6825	6825	6825	6825	160	6825	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
											6900	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	197	6935	20	6935	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100						
UNII				6910	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100						
Band 8	207	6985	6985	160	6985	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100					
				7060	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100						

Table 7-10. Contention Based Protocol – Incumbent Detection Trial Results

FCC: A3LSMS918JPN		MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Dags 400 of 220		
1M2212080137-13-R1.A3L	9/3/2022 - 11/8/2022	Portable Handset	Page 190 of 238		

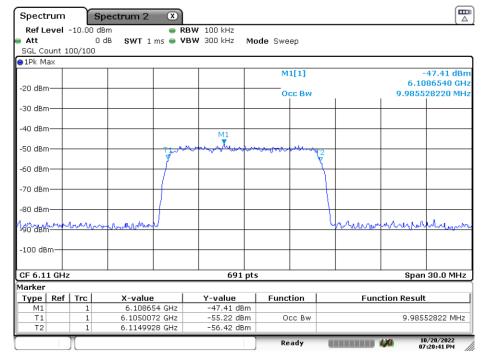


AWGN Plots



Date: 20.0CT.2022 18:32:03

Plot 7-313. AWGN Signal - UNII 5 - 20MHz



Date: 20.OCT.2022 19:20:41

Plot 7-314. AWGN Signal - UNII 5 - 160MHz - Low

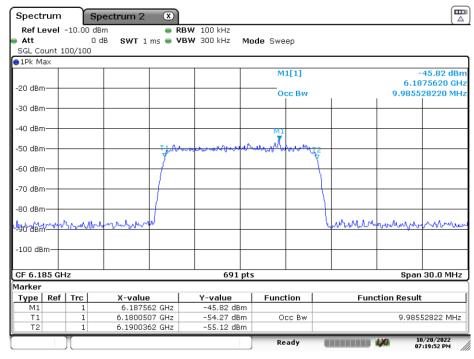
FCC: A3LSMS918JPN		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogg 404 of 220
1M2212080137-13-R1.A3L	9/3/2022 - 11/8/2022	Portable Handset	Page 191 of 238

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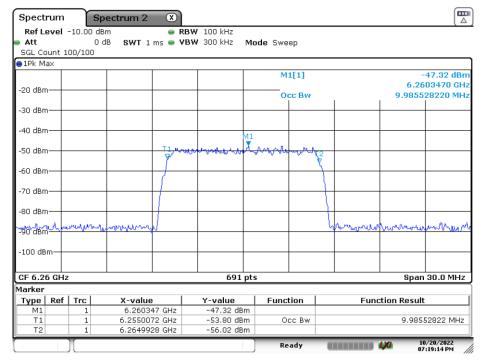
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Date: 20.0CT.2022 19:19:52

Plot 7-315. AWGN Signal - UNII 5 - 160MHz - Mid



Date: 20.0CT.2022 19:19:13

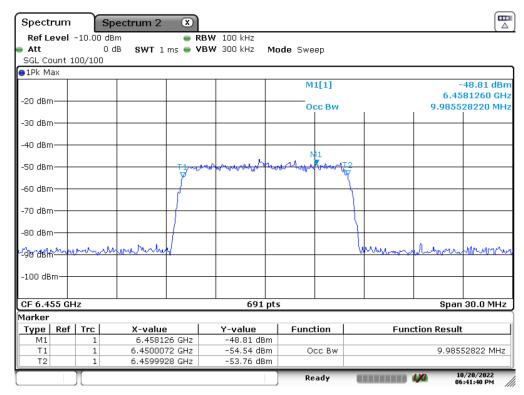
Plot 7-316. AWGN Signal - UNII 5 - 160MHz - High

FCC: A3LSMS918JPN		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 102 of 229
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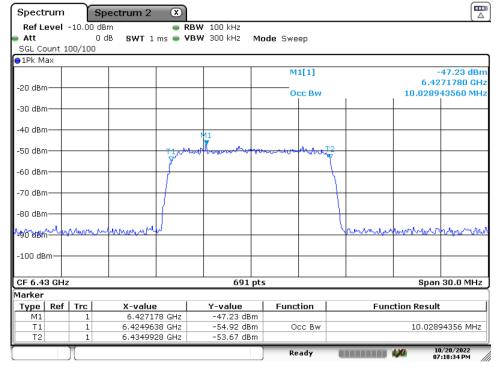
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Date: 20.0CT.2022 18:41:40

Plot 7-317. AWGN Signal - UNII 6 - 20MHz

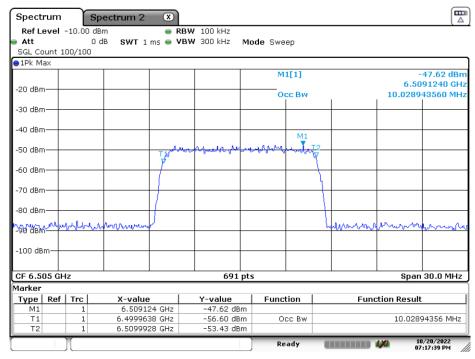


Date: 20.0CT.2022 19:18:34

Plot 7-318. AWGN Signal - UNII 6 - 160MHz - Low

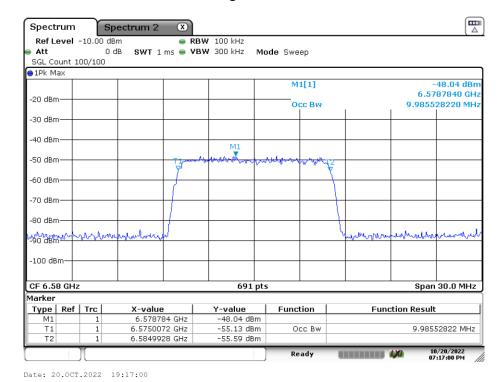
FCC: A3LSMS918JPN	FCC: A3LSMS918JPN MEASUREMENT REPORT (CERTIFICATION)						
		Technical Manager					
Test Report S/N:	Test Dates:	EUT Type:	Page 193 of 238				
1M2212080137-13-R1.A3L	9/3/2022 - 11/8/2022	Portable Handset	Fage 193 01 236				





Date: 20.0CT.2022 19:17:39

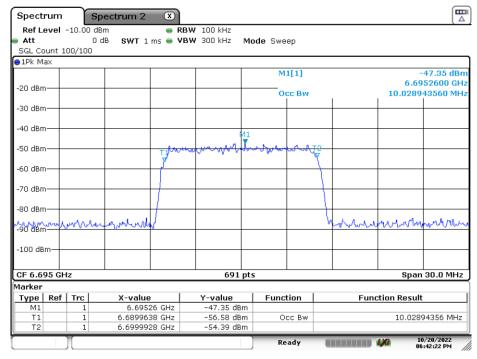
Plot 7-319. AWGN Signal - UNII 6 - 160MHz - Mid



Plot 7-320. AWGN Signal - UNII 6 - 160MHz - High

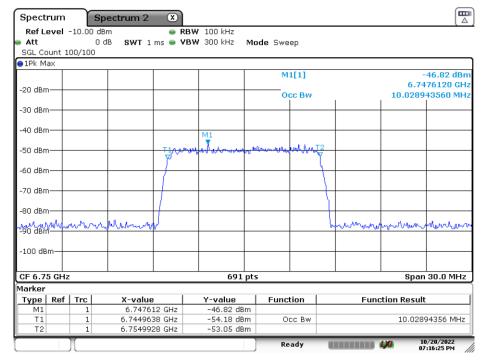
FCC: A3LSMS918JPN		Approved by: Technical Manager		
Test Report S/N:	Test Dates:	EUT Type:	Dogo 104 of 229	
1M2212080137-13-R1.A3L	9/3/2022 - 11/8/2022	Portable Handset	Page 194 of 238	





Date: 20.0CT.2022 18:42:21

Plot 7-321. AWGN Signal - UNII 7 - 20MHz



Date: 20.0CT.2022 19:16:25

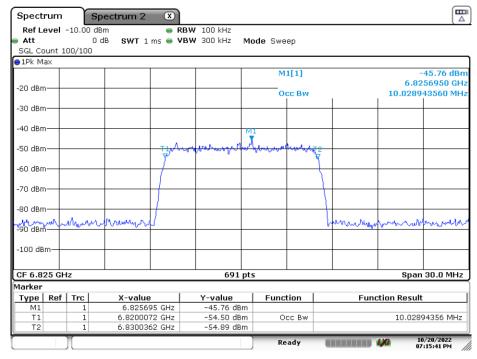
Plot 7-322. AWGN Signal - UNII 7 - 160MHz - Low

FCC: A3LSMS918JPN		MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Dogo 105 of 229		
1M2212080137-13-R1.A3L	9/3/2022 - 11/8/2022	Portable Handset	Page 195 of 238		

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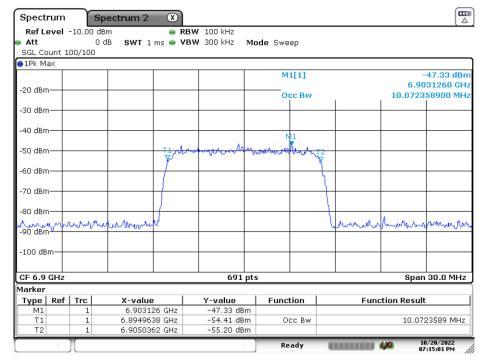
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Date: 20.0CT.2022 19:15:40

Plot 7-323. AWGN Signal - UNII 7 - 160MHz - Mid

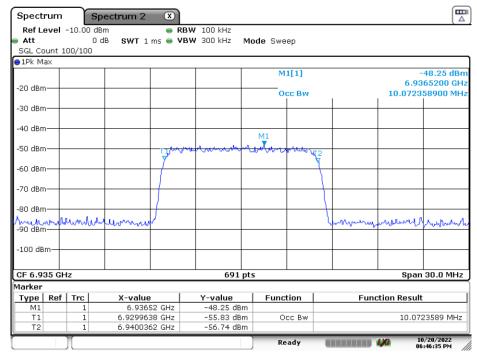


Date: 20.OCT.2022 19:15:01

Plot 7-324. AWGN Signal - UNII 7 - 160MHz - High

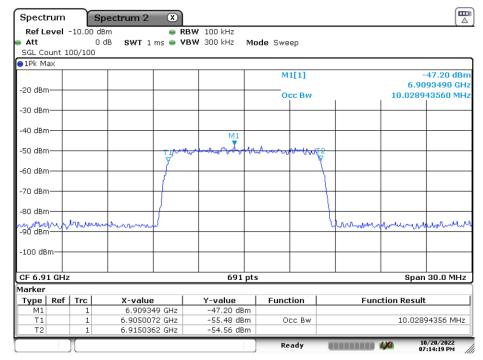
FCC: A3LSMS918JPN		MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Dogg 400 of 220		
1M2212080137-13-R1.A3L	9/3/2022 - 11/8/2022	Portable Handset	Page 196 of 238		





Date: 20.0CT.2022 18:46:35

Plot 7-325. AWGN Signal - UNII 8 - 20MHz

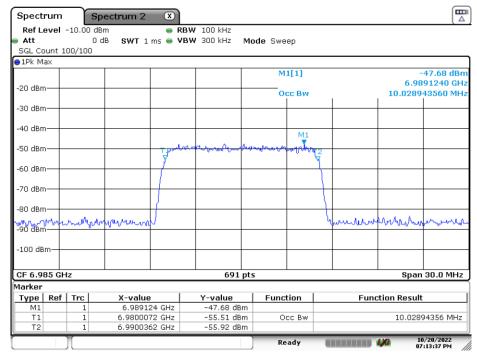


Date: 20.0CT.2022 19:14:18

Plot 7-326. AWGN Signal - UNII 8 - 160MHz - Low

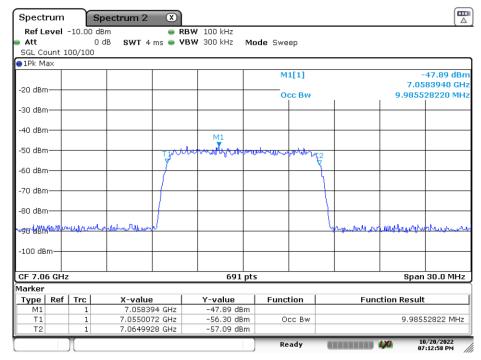
FCC: A3LSMS918JPN		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 107 of 229
1M2212080137-13-R1.A3L	9/3/2022 - 11/8/2022	Portable Handset	Page 197 of 238





Date: 20.0CT.2022 19:13:37

Plot 7-327. AWGN Signal - UNII 8 - 160MHz - Mid



Date: 20.0CT.2022 19:12:58

Plot 7-328. AWGN Signal - UNII 8 - 160MHz - High

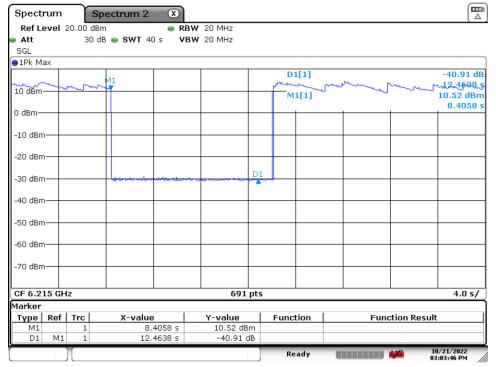
FCC: A3LSMS918JPN		MEASUREMENT REPORT (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Page 198 of 238		
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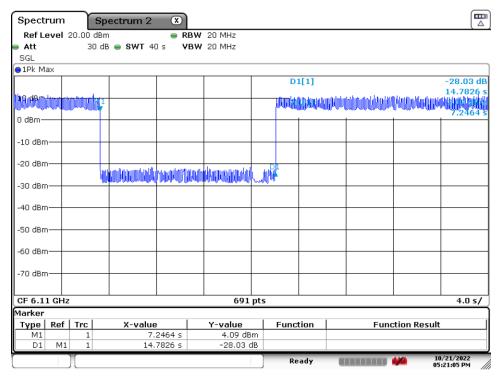


CBP Timing Plots



Date: 21.0CT.2022 15:03:45

Plot 7-329. Contention Based Protocol Timing Plot – UNII 5 – 20MHz Ch53



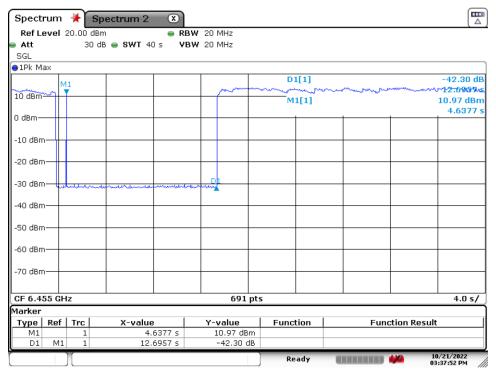
Date: 21.0CT.2022 17:21:05

Plot 7-330. Contention Based Protocol Timing Plot - UNII 5 - 160MHz Ch47 - Low

		<u> </u>			
FCC: A3LSMS918JPN		MEASUREMENT REPORT A (CERTIFICATION)			
Test Report S/N:	Test Dates:	EUT Type:	Page 199 of 238		
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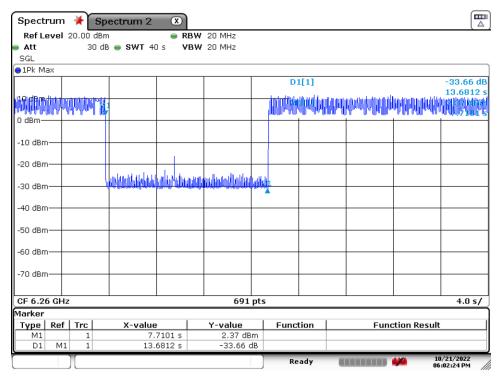
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Date: 21.0CT.2022 15:37:52

Plot 7-331. Contention Based Protocol Timing Plot – UNII 5 – 160MHz Ch47 – Mid



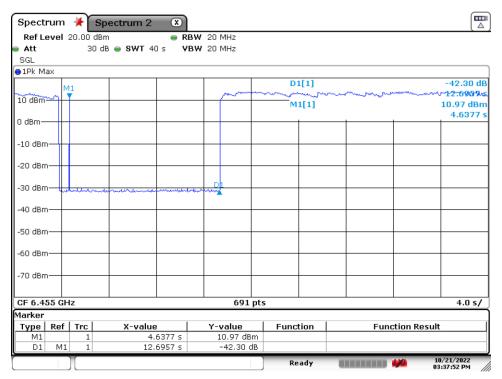
Date: 21.0CT.2022 18:02:24

Plot 7-332. Contention Based Protocol Timing Plot - UNII 5 - 160MHz Ch47 - High

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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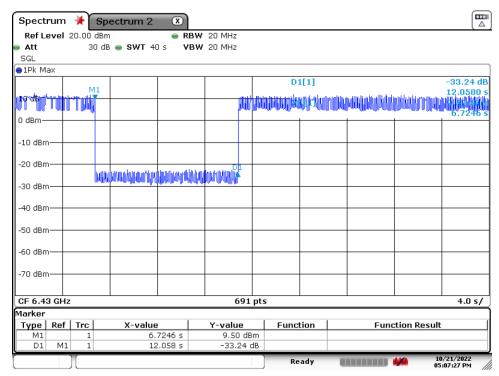
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Date: 21.0CT.2022 15:37:52

Plot 7-333. Contention Based Protocol Timing Plot – UNII 6 – 20MHz Ch101

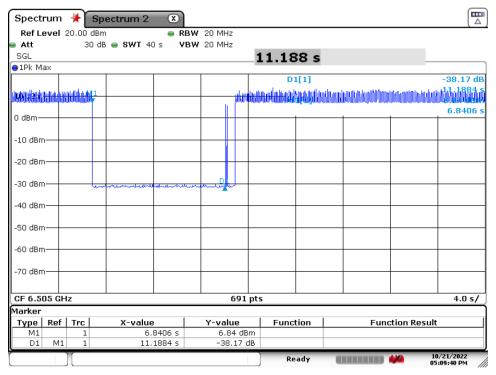


Date: 21.0CT.2022 17:07:27

Plot 7-334. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Ch111 – Low

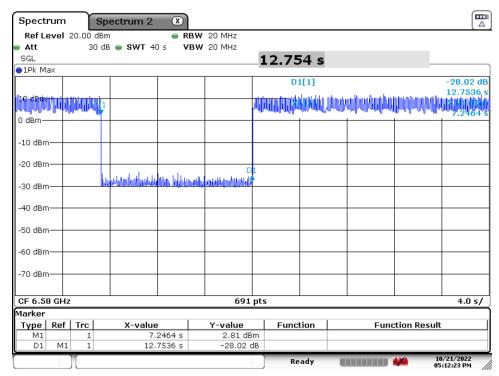
FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 204 of 220
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Date: 21.0CT.2022 17:09:40

Plot 7-335. Contention Based Protocol Timing Plot - UNII 6 - 160MHz Ch111 - Mid

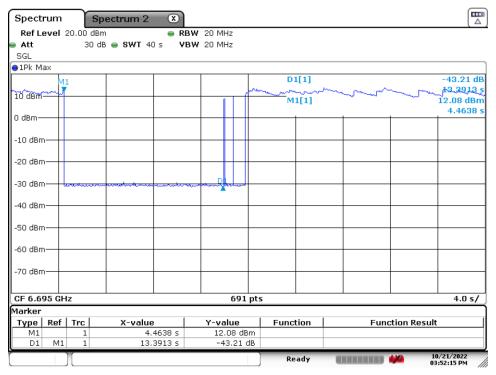


Date: 21.0CT.2022 17:12:23

Plot 7-336. Contention Based Protocol Timing Plot - UNII 6 - 160MHz Ch111 - High

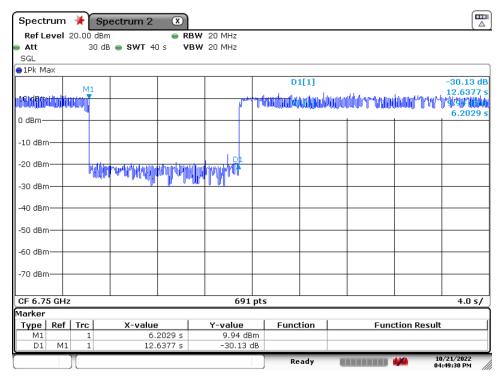
FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 202 of 222
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Date: 21.0CT.2022 15:52:15

Plot 7-337. Contention Based Protocol Timing Plot - UNII 7 - 20MHz Ch149



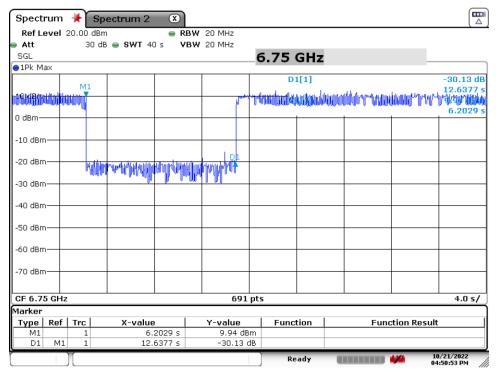
Date: 21.0CT.2022 16:49:30

Plot 7-338. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Ch175 – Low

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 203 of 238
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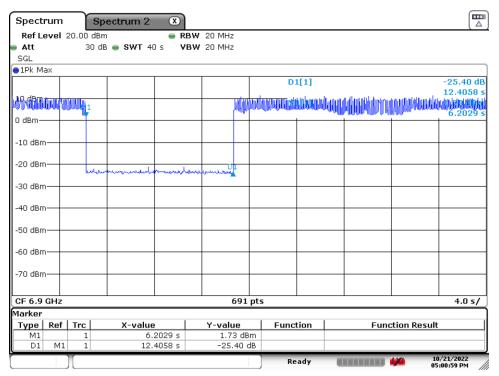
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Date: 21.0CT.2022 16:50:53

Plot 7-339. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Ch175 – Mid

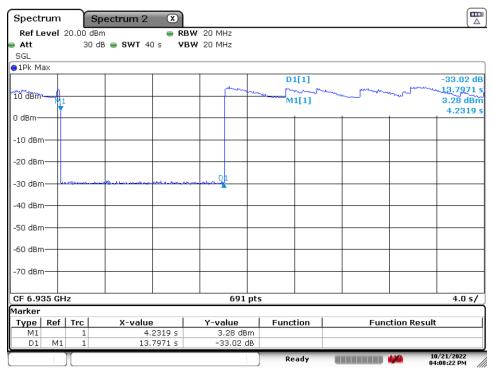


Date: 21.0CT.2022 17:00:59

Plot 7-340. Contention Based Protocol Timing Plot - UNII 7 - 160MHz Ch175 - High

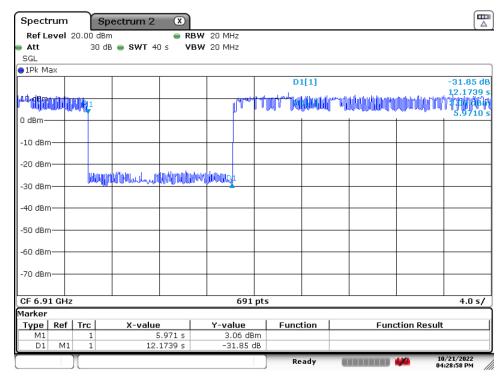
FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 204 of 220
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Date: 21.0CT.2022 16:08:23

Plot 7-341. Contention Based Protocol Timing Plot - UNII 8 - 20MHz Ch197



Date: 21.0CT.2022 16:28:57

Plot 7-342. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Ch207 – Low

FCC: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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