

# OFDM WITH DATA RATE MCS0 TEST RESULT-bandwidth 10 MHz TEST PLOT OF SPECTRAL DENSITY FOR 5180MHz AT CHAIN 1



#### TEST PLOT OF SPECTRAL DENSITY FOR 5180MHz AT CHAIN 2





# TEST PLOT OF SPECTRAL DENSITY FOR 5180MHz AT CHAIN 3



# TEST PLOT OF SPECTRAL DENSITY FOR 5180MHz AT CHAIN 4





# TEST PLOT OF SPECTRAL DENSITY FOR 5200MHz AT CHAIN 1



# TEST PLOT OF SPECTRAL DENSITY FOR 5200MHz AT CHAIN 2





# TEST PLOT OF SPECTRAL DENSITY FOR 5200MHz AT CHAIN 3



# TEST PLOT OF SPECTRAL DENSITY FOR 5200MHz AT CHAIN 4





# TEST PLOT OF SPECTRAL DENSITY FOR 5240MHz AT CHAIN 1

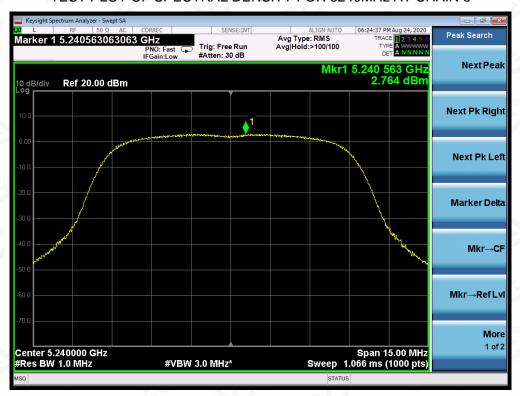


# TEST PLOT OF SPECTRAL DENSITY FOR 5240MHz AT CHAIN 2





# TEST PLOT OF SPECTRAL DENSITY FOR 5240MHz AT CHAIN 3



# TEST PLOT OF SPECTRAL DENSITY FOR 5240MHz AT CHAIN 4



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# TEST PLOT OF SPECTRAL DENSITY FOR 5745MHz AT CHAIN 1



# TEST PLOT OF SPECTRAL DENSITY FOR 5745MHz AT CHAIN 2





# TEST PLOT OF SPECTRAL DENSITY FOR 5745MHz AT CHAIN 3



#### TEST PLOT OF SPECTRAL DENSITY FOR 5745MHz AT CHAIN 4





# TEST PLOT OF SPECTRAL DENSITY FOR 5785MHz AT CHAIN 1



# TEST PLOT OF SPECTRAL DENSITY FOR 5785MHz AT CHAIN 2





# TEST PLOT OF SPECTRAL DENSITY FOR 5785MHz AT CHAIN 3

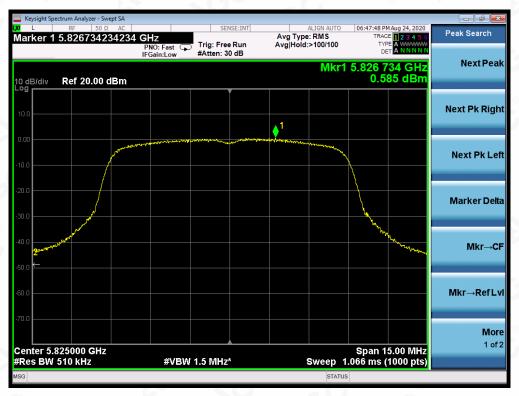


# TEST PLOT OF SPECTRAL DENSITY FOR 5785MHz AT CHAIN 4





# TEST PLOT OF SPECTRAL DENSITY FOR 5825MHz AT CHAIN 1



# TEST PLOT OF SPECTRAL DENSITY FOR 5825MHz AT CHAIN 2





# TEST PLOT OF SPECTRAL DENSITY FOR 5825MHz AT CHAIN 3



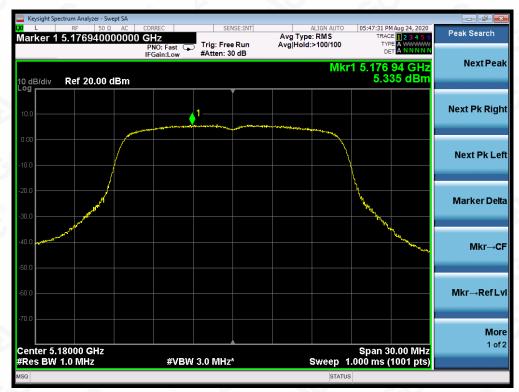
# TEST PLOT OF SPECTRAL DENSITY FOR 5825MHz AT CHAIN 4



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# 802.11a20 TEST RESULT-bandwidth 20 MHz TEST PLOT OF SPECTRAL DENSITY FOR 5180MHz AT CHAIN 1



#### TEST PLOT OF SPECTRAL DENSITY FOR 5180MHz AT CHAIN 2



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# TEST PLOT OF SPECTRAL DENSITY FOR 5180MHz AT CHAIN 3



# TEST PLOT OF SPECTRAL DENSITY FOR 5180MHz AT CHAIN 4





# TEST PLOT OF SPECTRAL DENSITY FOR 5200MHz AT CHAIN 1



# TEST PLOT OF SPECTRAL DENSITY FOR 5200MHz AT CHAIN 2





# TEST PLOT OF SPECTRAL DENSITY FOR 5200MHz AT CHAIN 3



# TEST PLOT OF SPECTRAL DENSITY FOR 5200MHz AT CHAIN 4





# TEST PLOT OF SPECTRAL DENSITY FOR 5240MHz AT CHAIN 1



# TEST PLOT OF SPECTRAL DENSITY FOR 5240MHz AT CHAIN 2





# TEST PLOT OF SPECTRAL DENSITY FOR 5240MHz AT CHAIN 3



# TEST PLOT OF SPECTRAL DENSITY FOR 5240MHz AT CHAIN 4





# TEST PLOT OF SPECTRAL DENSITY FOR 5745MHz AT CHAIN 1



# TEST PLOT OF SPECTRAL DENSITY FOR 5745MHz AT CHAIN 2





# TEST PLOT OF SPECTRAL DENSITY FOR 5745MHz AT CHAIN 3



#### TEST PLOT OF SPECTRAL DENSITY FOR 5745MHz AT CHAIN 4

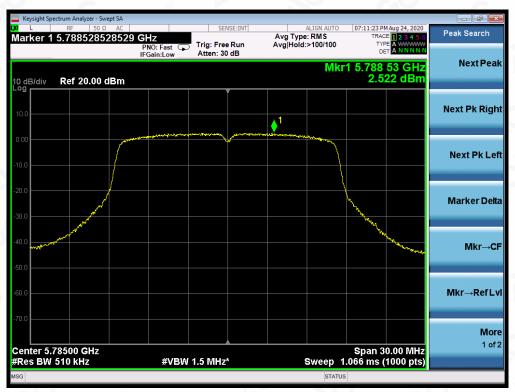




# TEST PLOT OF SPECTRAL DENSITY FOR 5785MHz AT CHAIN 1



#### TEST PLOT OF SPECTRAL DENSITY FOR 5785MHz AT CHAIN 2





# TEST PLOT OF SPECTRAL DENSITY FOR 5785MHz AT CHAIN 3



#### TEST PLOT OF SPECTRAL DENSITY FOR 5785MHz AT CHAIN 4





# TEST PLOT OF SPECTRAL DENSITY FOR 5825MHz AT CHAIN 1



#### TEST PLOT OF SPECTRAL DENSITY FOR 5825MHz AT CHAIN 2

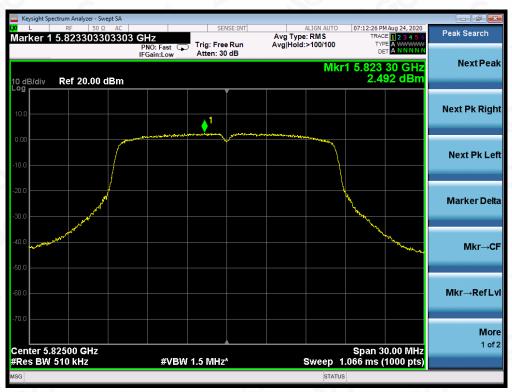




# TEST PLOT OF SPECTRAL DENSITY FOR 5825MHz AT CHAIN 3

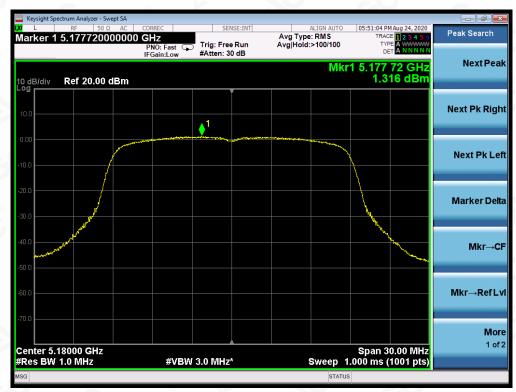


# TEST PLOT OF SPECTRAL DENSITY FOR 5825MHz AT CHAIN 4





# 802.11n20 TEST RESULT-bandwidth 20 MHz TEST PLOT OF SPECTRAL DENSITY FOR 5180MHz AT CHAIN 1



#### TEST PLOT OF SPECTRAL DENSITY FOR 5180MHz AT CHAIN 2



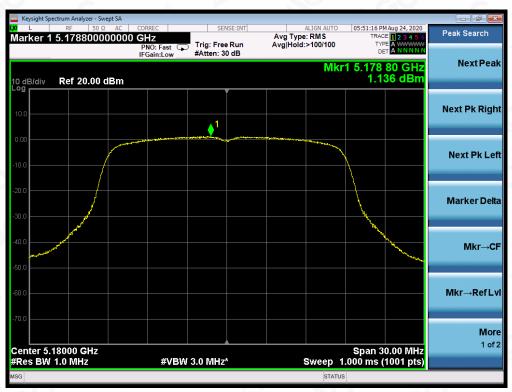
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# TEST PLOT OF SPECTRAL DENSITY FOR 5180MHz AT CHAIN 3



# TEST PLOT OF SPECTRAL DENSITY FOR 5180MHz AT CHAIN 4

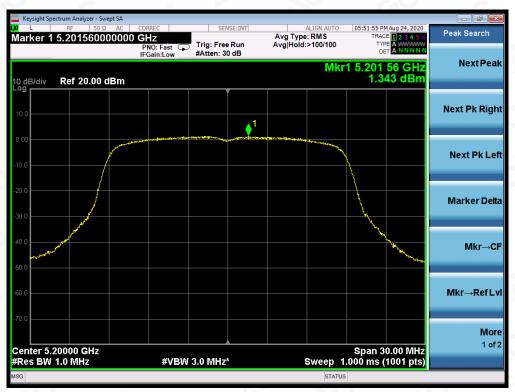




# TEST PLOT OF SPECTRAL DENSITY FOR 5200MHz AT CHAIN 1



#### TEST PLOT OF SPECTRAL DENSITY FOR 5200MHz AT CHAIN 2





# TEST PLOT OF SPECTRAL DENSITY FOR 5200MHz AT CHAIN 3



#### TEST PLOT OF SPECTRAL DENSITY FOR 5200MHz AT CHAIN 4

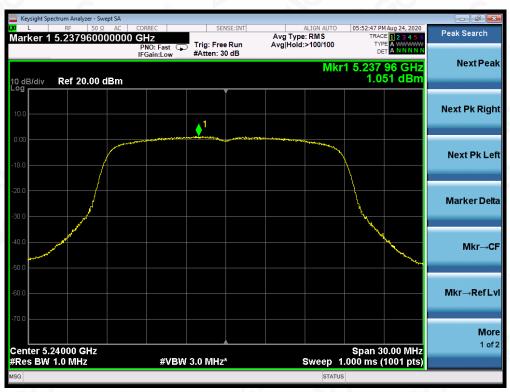




# TEST PLOT OF SPECTRAL DENSITY FOR 5240MHz AT CHAIN 1



# TEST PLOT OF SPECTRAL DENSITY FOR 5240MHz AT CHAIN 2

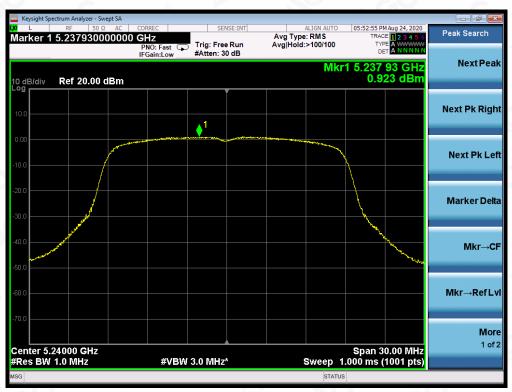




# TEST PLOT OF SPECTRAL DENSITY FOR 5240MHz AT CHAIN 3

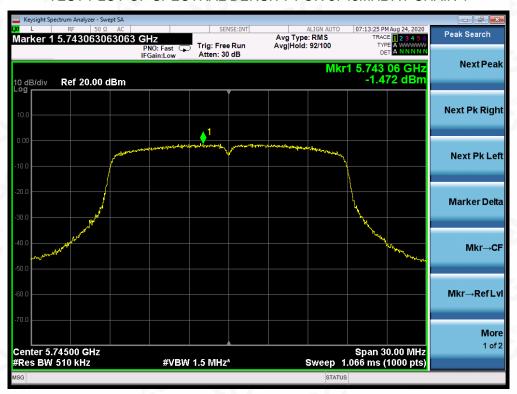


# TEST PLOT OF SPECTRAL DENSITY FOR 5240MHz AT CHAIN 4





# TEST PLOT OF SPECTRAL DENSITY FOR 5745MHz AT CHAIN 1



# TEST PLOT OF SPECTRAL DENSITY FOR 5745MHz AT CHAIN 2





# TEST PLOT OF SPECTRAL DENSITY FOR 5745MHz AT CHAIN 3



#### TEST PLOT OF SPECTRAL DENSITY FOR 5745MHz AT CHAIN 4





# TEST PLOT OF SPECTRAL DENSITY FOR 5785MHz AT CHAIN 1



#### TEST PLOT OF SPECTRAL DENSITY FOR 5785MHz AT CHAIN 2





# TEST PLOT OF SPECTRAL DENSITY FOR 5785MHz AT CHAIN 3



# TEST PLOT OF SPECTRAL DENSITY FOR 5785MHz AT CHAIN 4

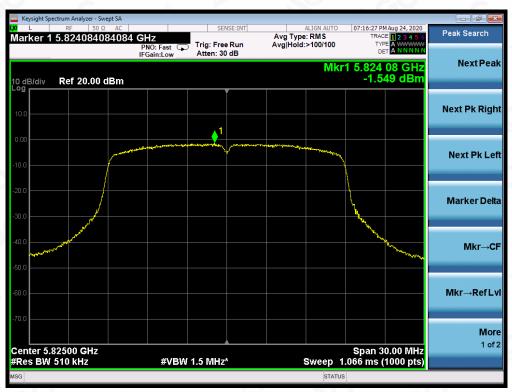




# TEST PLOT OF SPECTRAL DENSITY FOR 5825MHz AT CHAIN 1



# TEST PLOT OF SPECTRAL DENSITY FOR 5825MHz AT CHAIN 2





# TEST PLOT OF SPECTRAL DENSITY FOR 5825MHz AT CHAIN 3



# TEST PLOT OF SPECTRAL DENSITY FOR 5825MHz AT CHAIN 4





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# 11. CONDUCTED SPURIOUS EMISSION

# 11.1. MEASUREMENT PROCEDURE

- 1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
- 2, Set the EUT Work on the top, the middle and the bottom operation frequency individually.
- 3. Set SPA Trace 1 Max hold, then View.

Note: The EUT was tested according to KDB 789033 for compliance to FCC 47CFR 15.407 requirements.

# 11.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)

The same as described in section 8.2.

# 11.3. MEASUREMENT EQUIPMENT USED

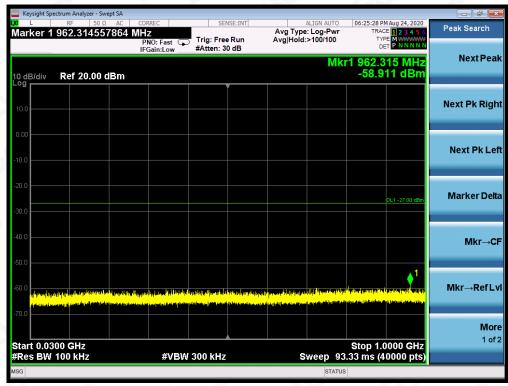
The same as described in section 6.

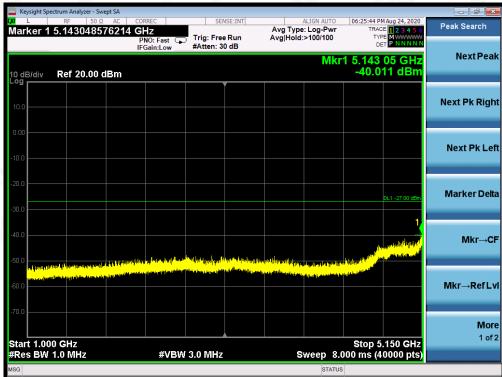
# 11.4. LIMITS AND MEASUREMENT RESULT

LIMITS AND MEASUREMENT RESULT		
Applicable Limits	Measurement Result	
	Test channel	Criteria
-27dBm/MHz	5150MHz-5250MHz	PASS
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edgeincreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.	5725MHz-5850MHz	PASS

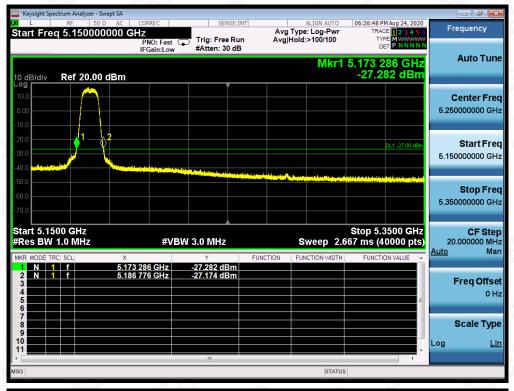


# FOR OFDM WITH DATA RATE 6 MODULATION -bandwidth 10 MHz TEST PLOT OF OUT OF BAND EMISSIONS FOR MODULATION IN 5180MHz







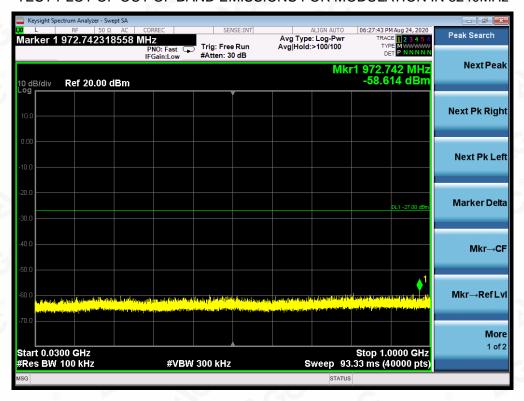






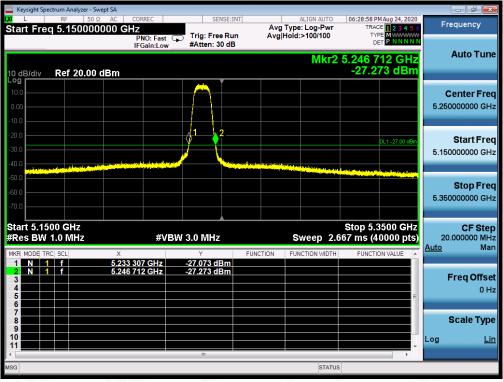


#### TEST PLOT OF OUT OF BAND EMISSIONS FOR MODULATION IN 5240MHz



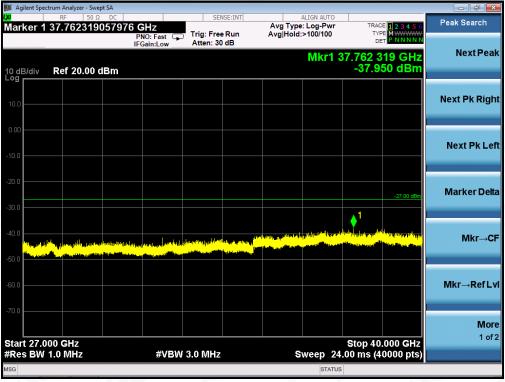














# TEST PLOT OF OUT OF BAND EMISSIONS FOR MODULATION IN 5745MHz

