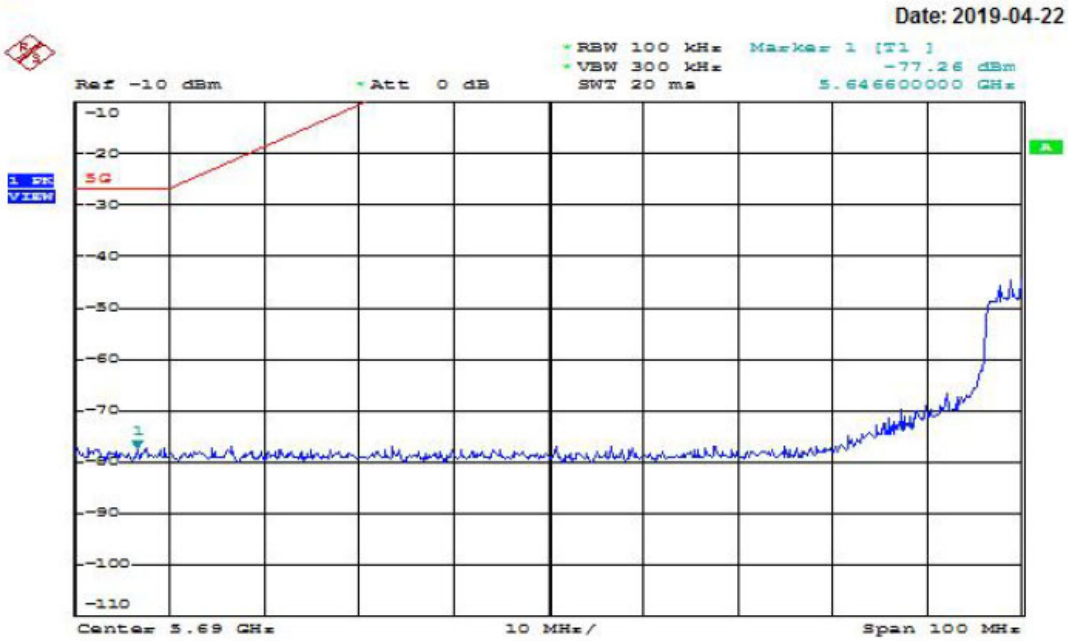
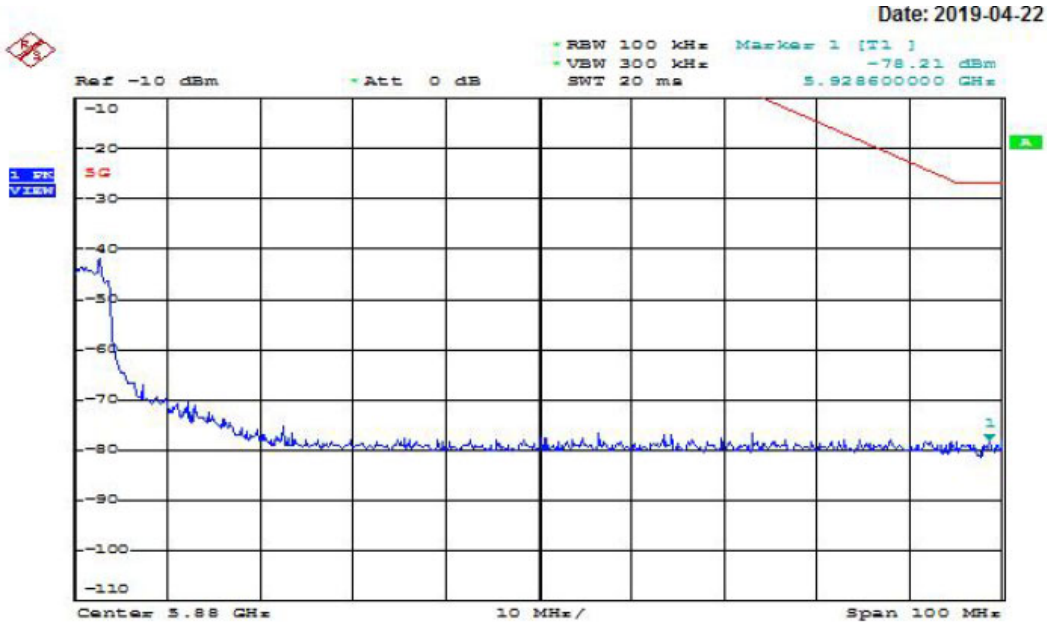
Antenna R

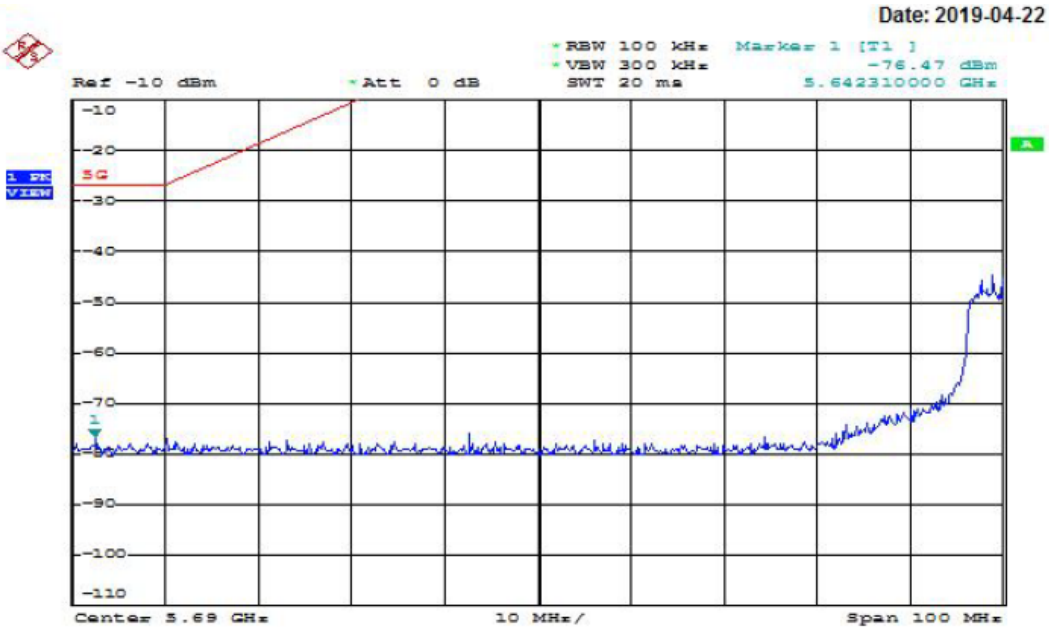
802.11a
Channel: 149



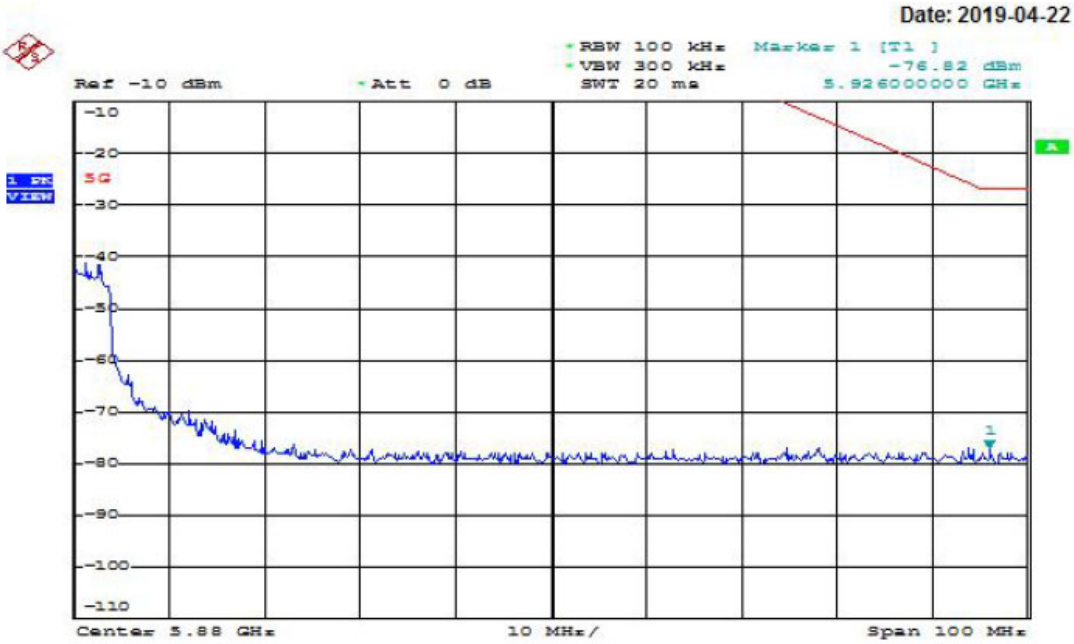
802.11a
Channel: 165



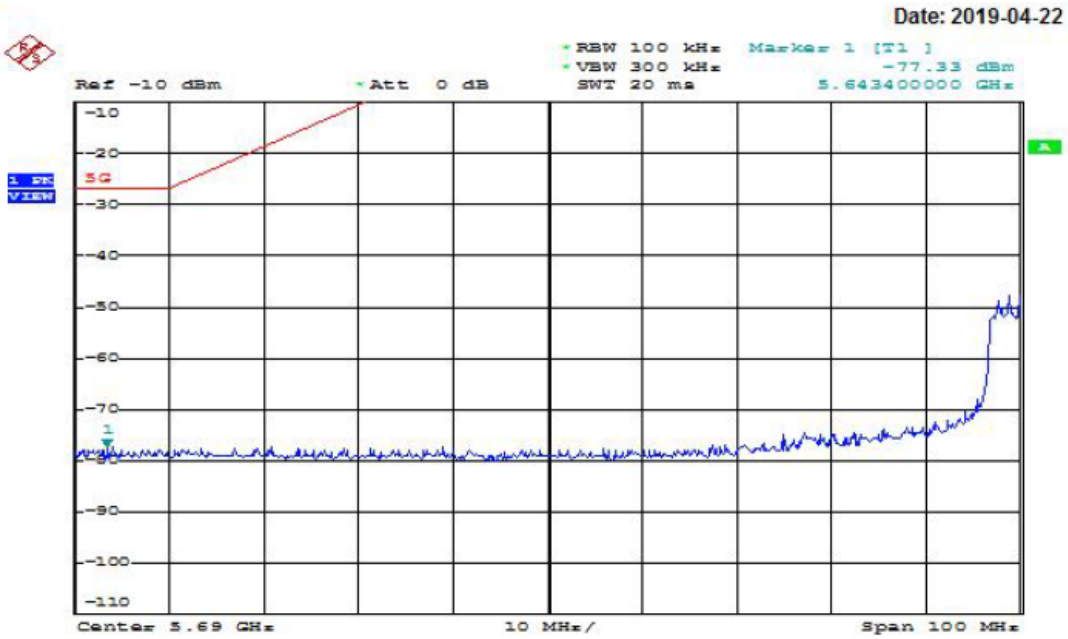
802.11n HT20
Channel: 149



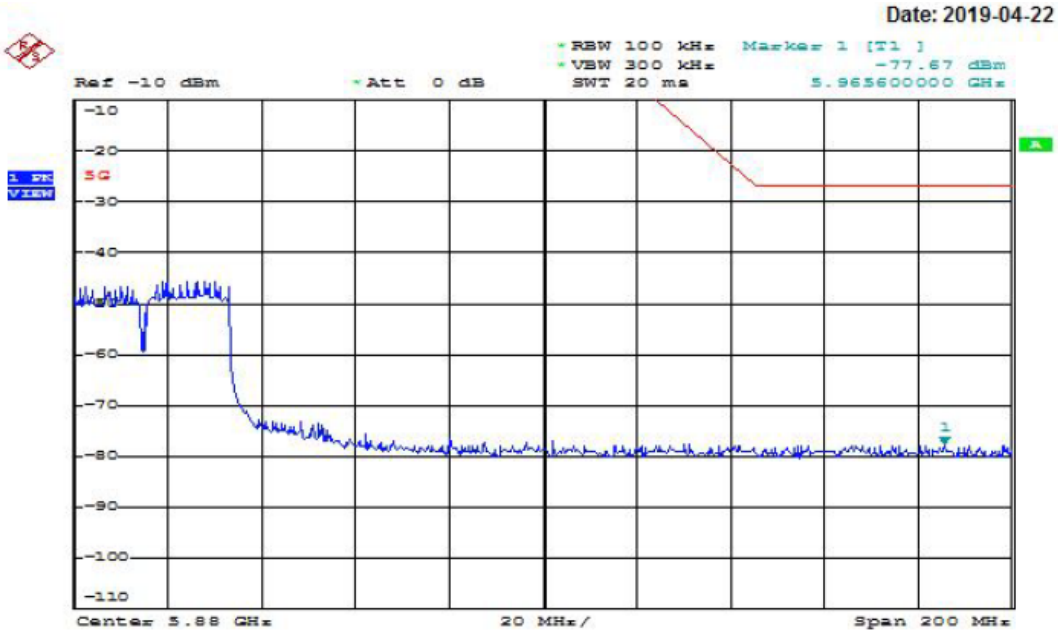
802.11n HT20
Channel: 165



802.11n HT40
Channel: 151

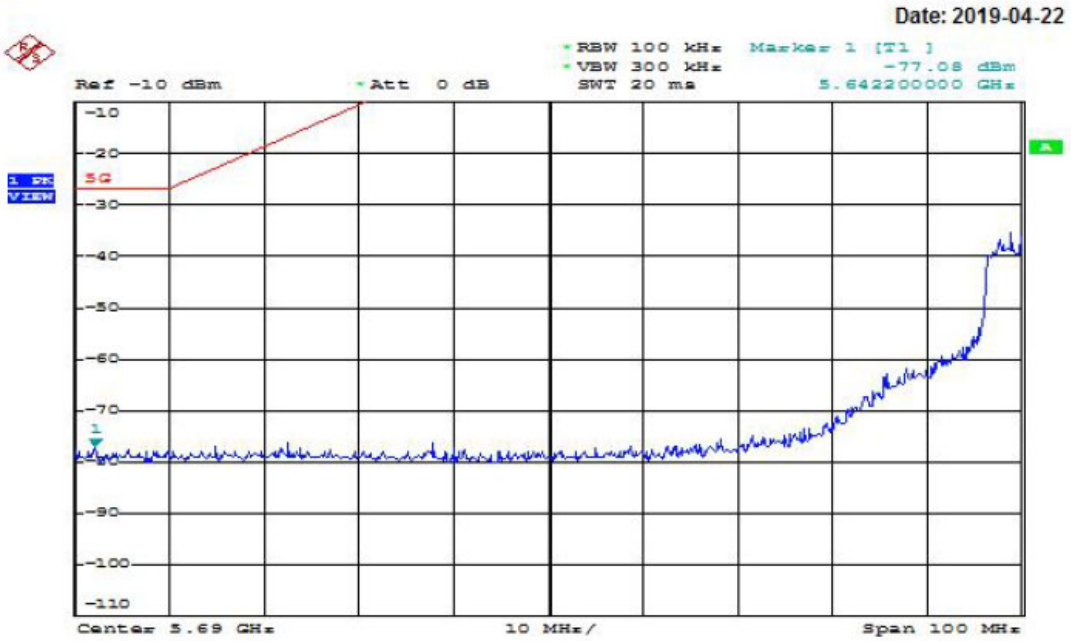


802.11n HT40
Channel: 159

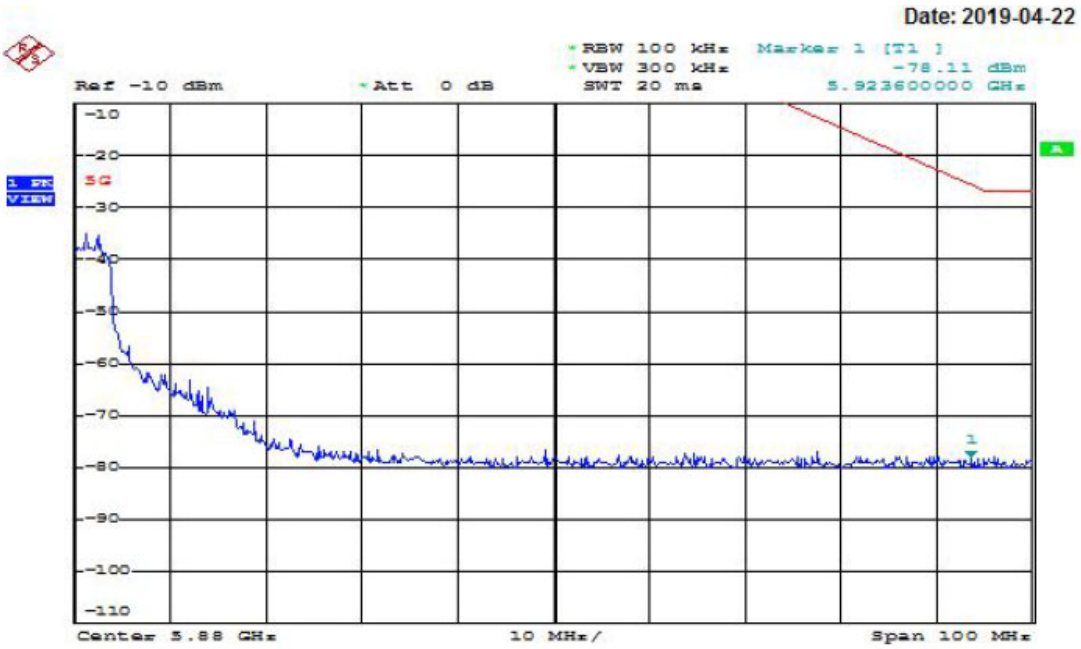


Antenna L

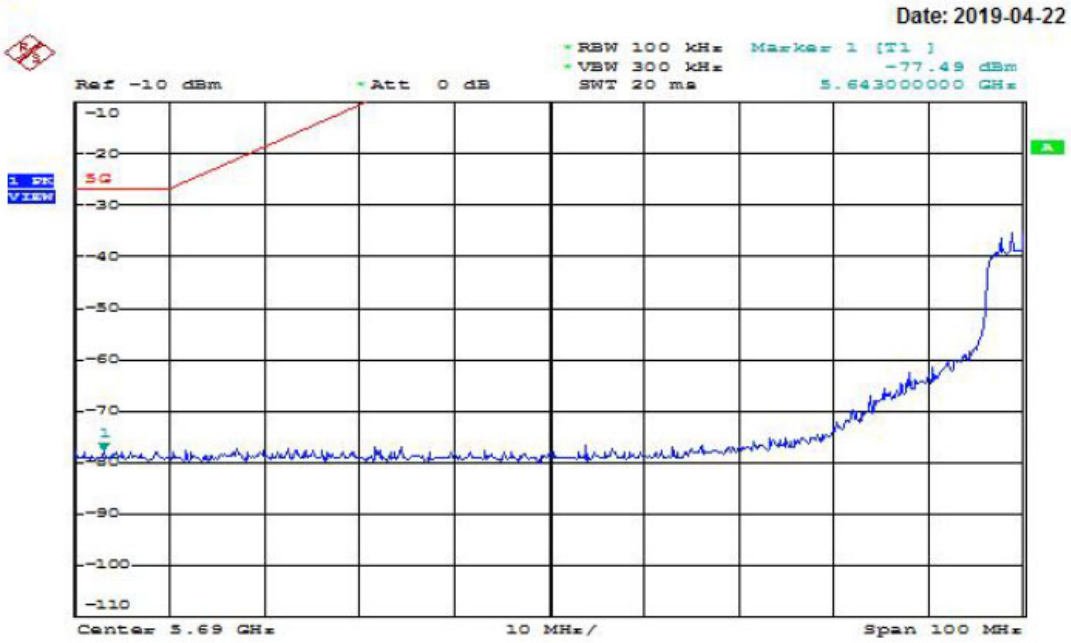
802.11a
Channel: 149



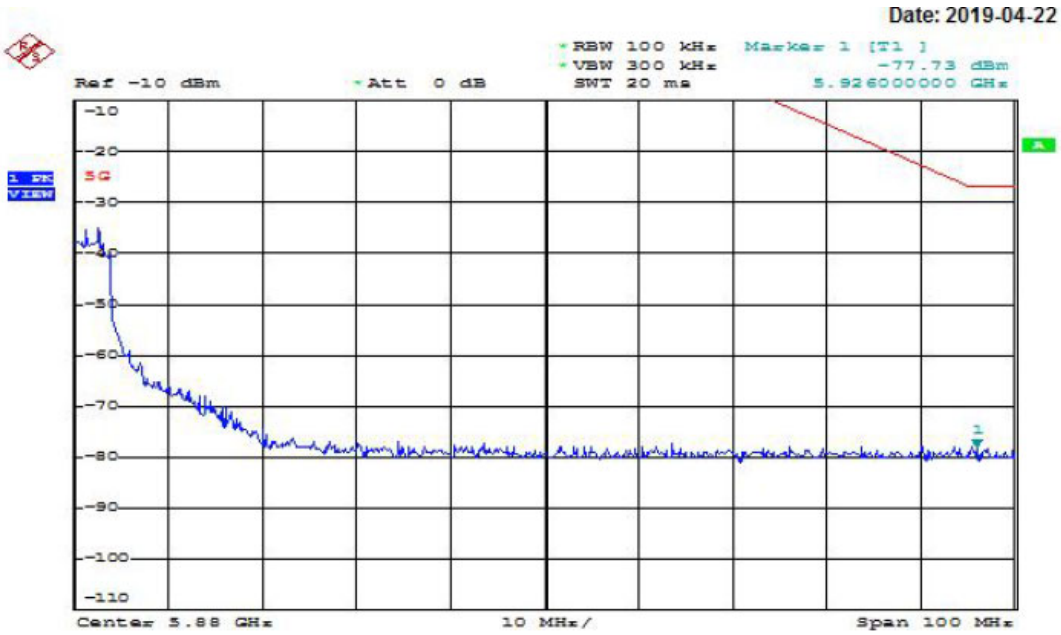
802.11a
Channel: 165



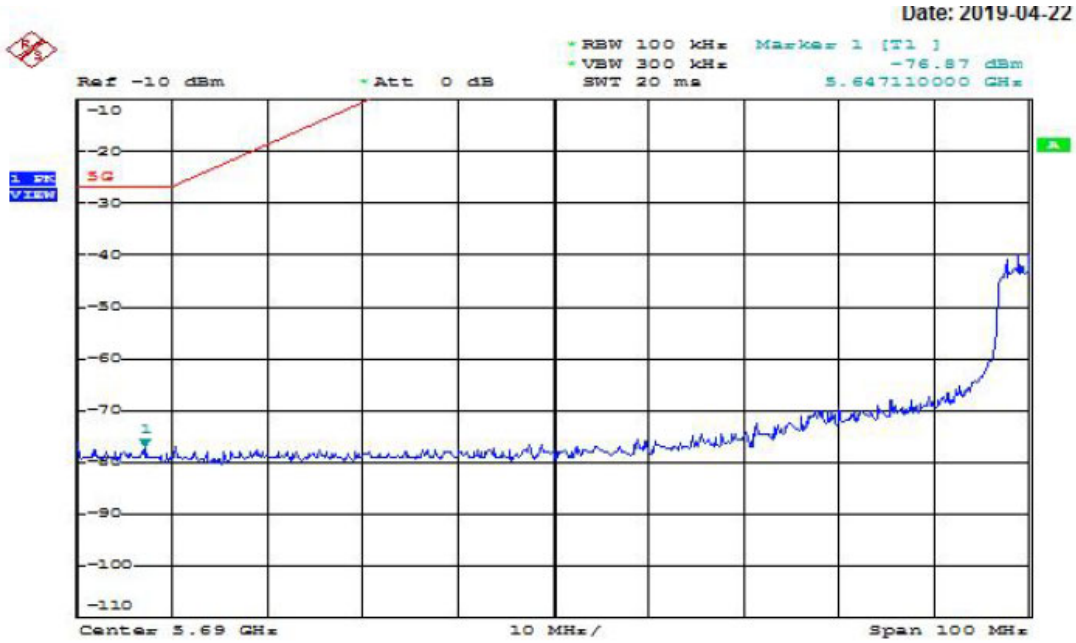
802.11n HT20
Channel: 149



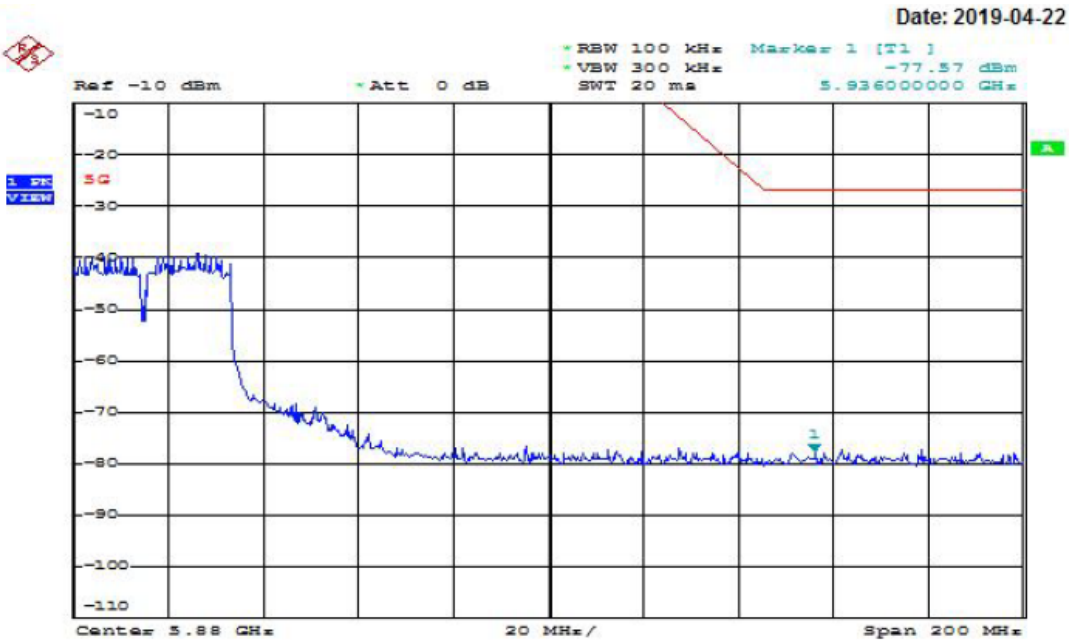
802.11n HT20
Channel: 165



802.11n HT40
Channel: 151



802.11n HT40
Channel: 159



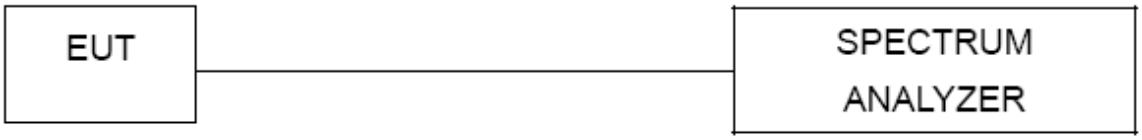
12. 26dB BANDWIDTH

4.7.2(3) For the band 5.725–5.825 GHz, the maximum conducted output power over the frequency band of operation shall not exceed the lesser of 1 W or 17 dBm+ 10 log B, where B is the 26-dB emission bandwidth in MHz.

12.1 Test procedure

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. Spectrum Setting: RBW= 100KHz, VBW≧RBW, Sweep time = Auto.

12.2 Test setup

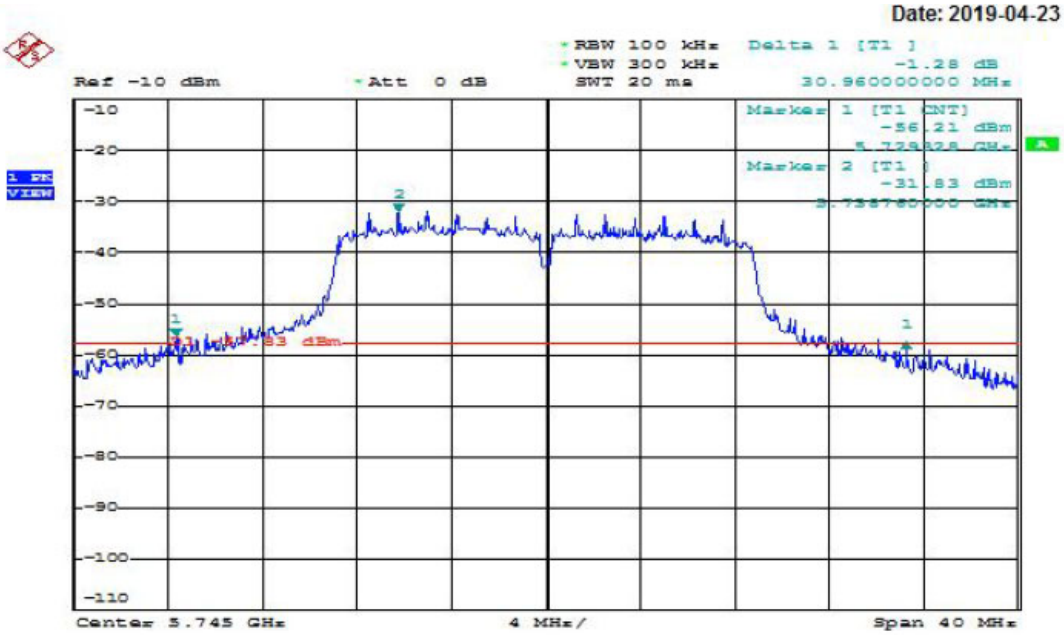


12.3 Test results

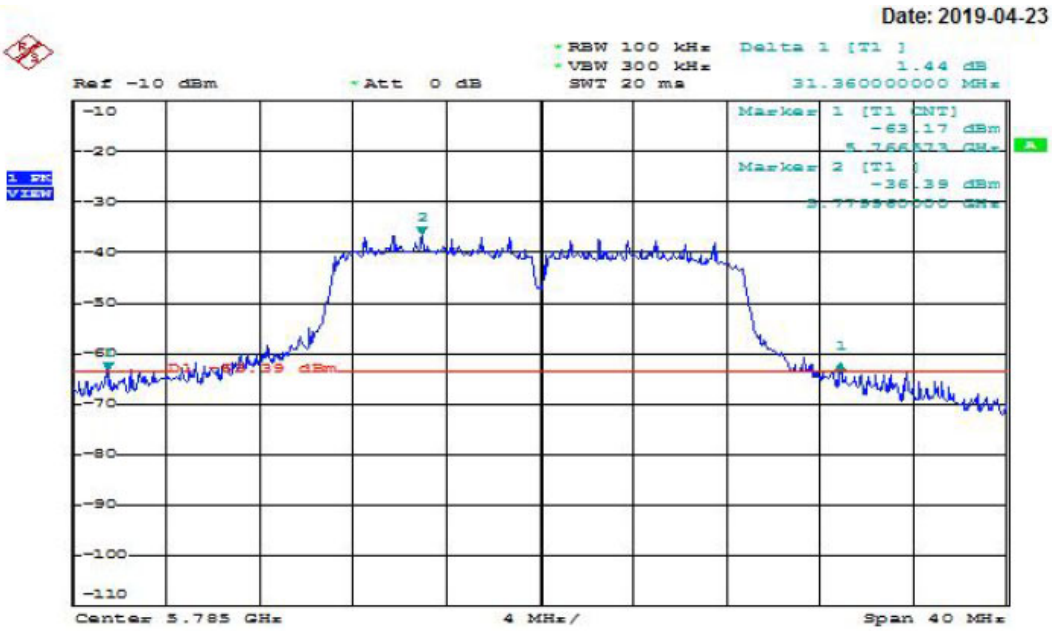
Modulation Type	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			ANT R	ANT L
802.11a	149	5745	30.96	27.20
	157	5785	31.36	26.32
	165	5825	22.96	21.84
802.11n HT20	149	5745	25.04	28.80
	157	5785	24.40	23.20
	165	5825	22.80	21.60
802.11n HT40	151	5755	42.00	42.40
	159	5795	42.00	43.80

Antenna R

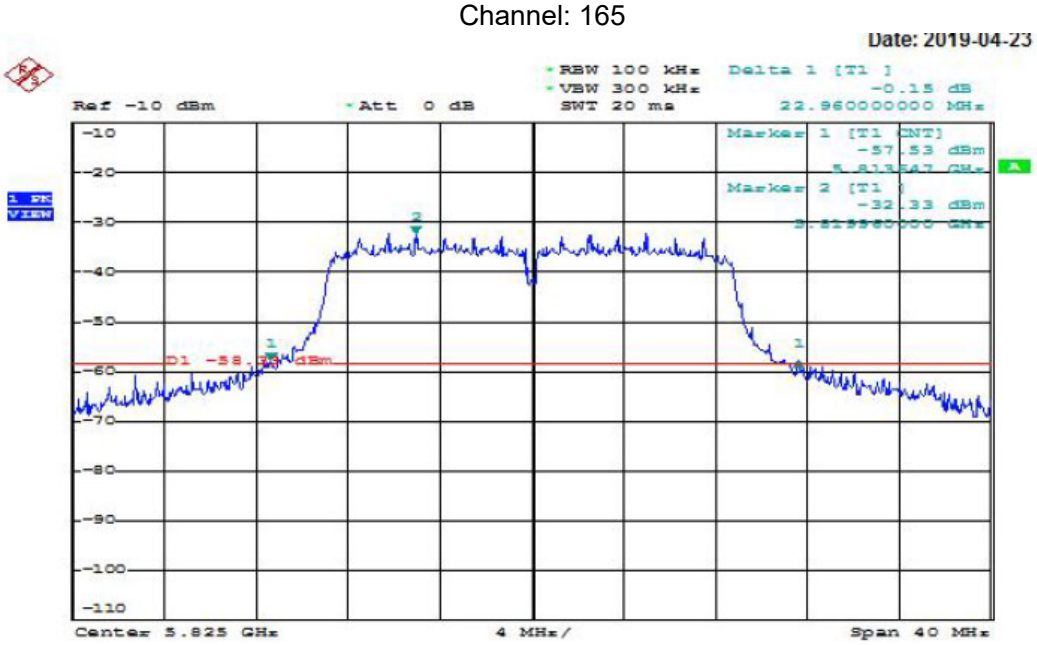
802.11a
Channel: 149



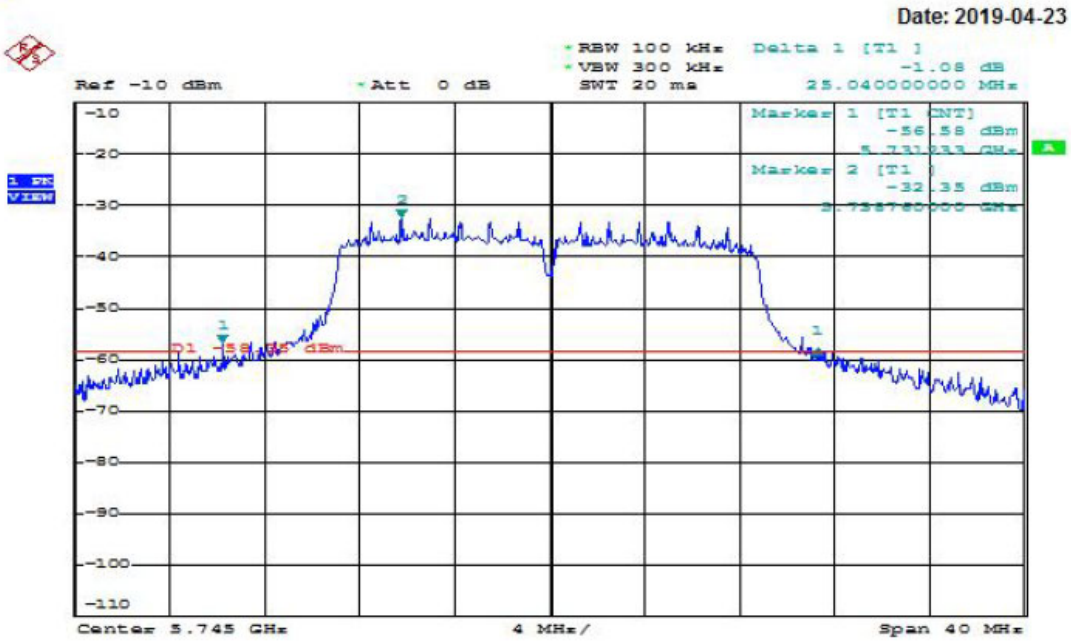
802.11a
Channel: 157



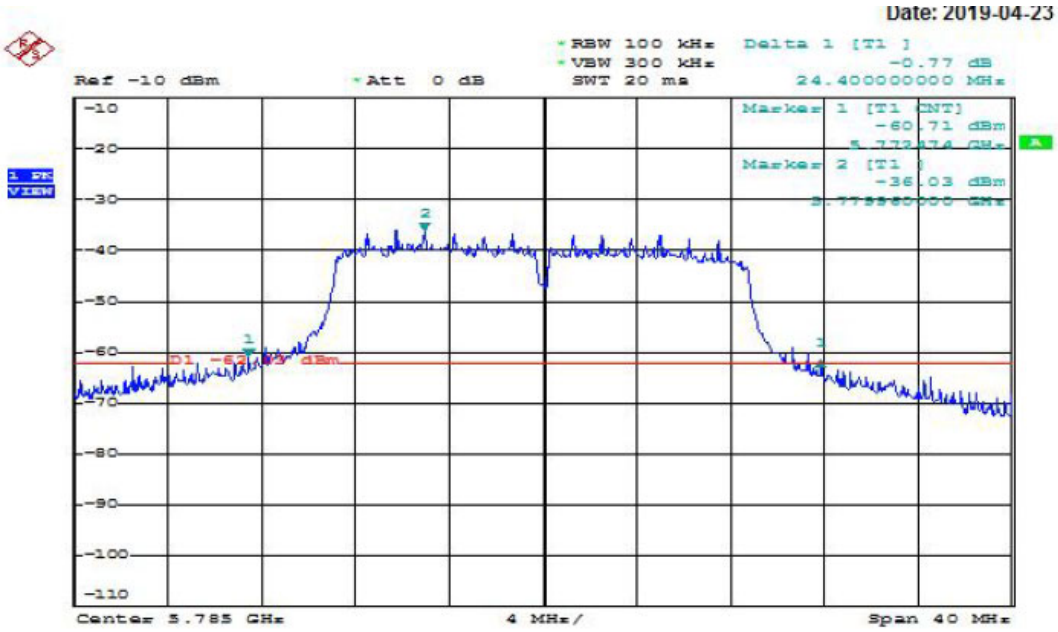
802.11a
Channel: 165



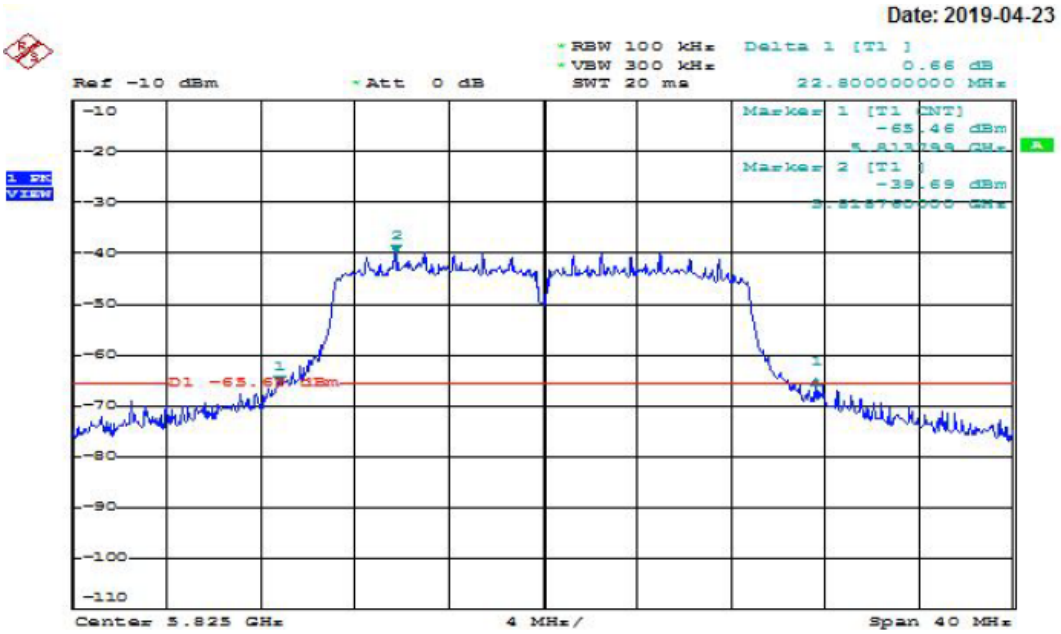
802.11n HT20
Channel: 149



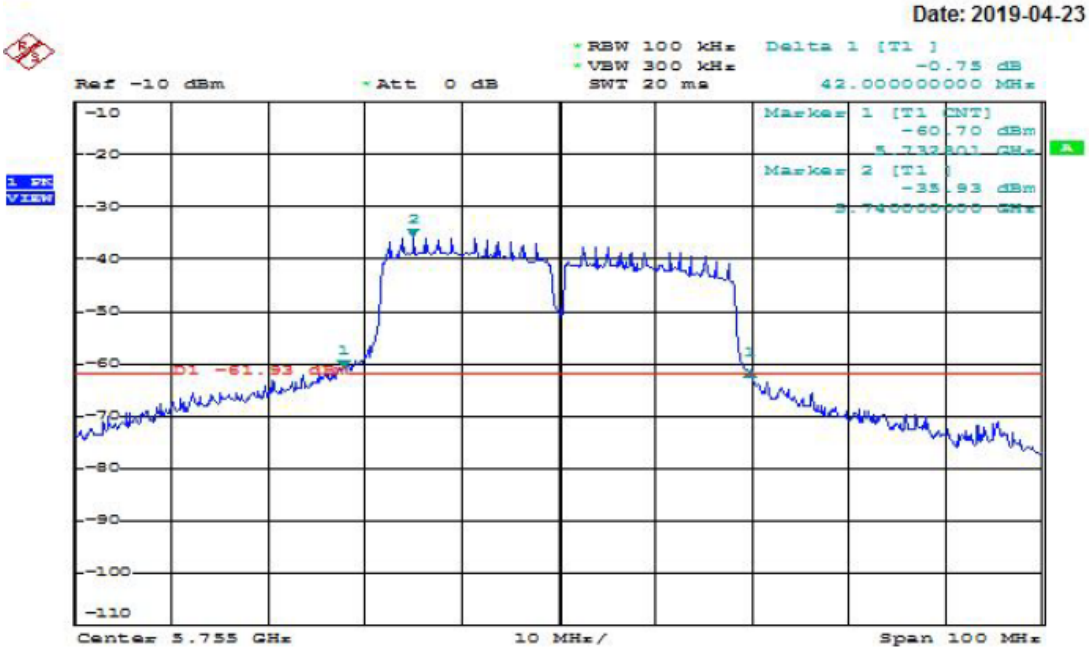
802.11n HT20
Channel: 157



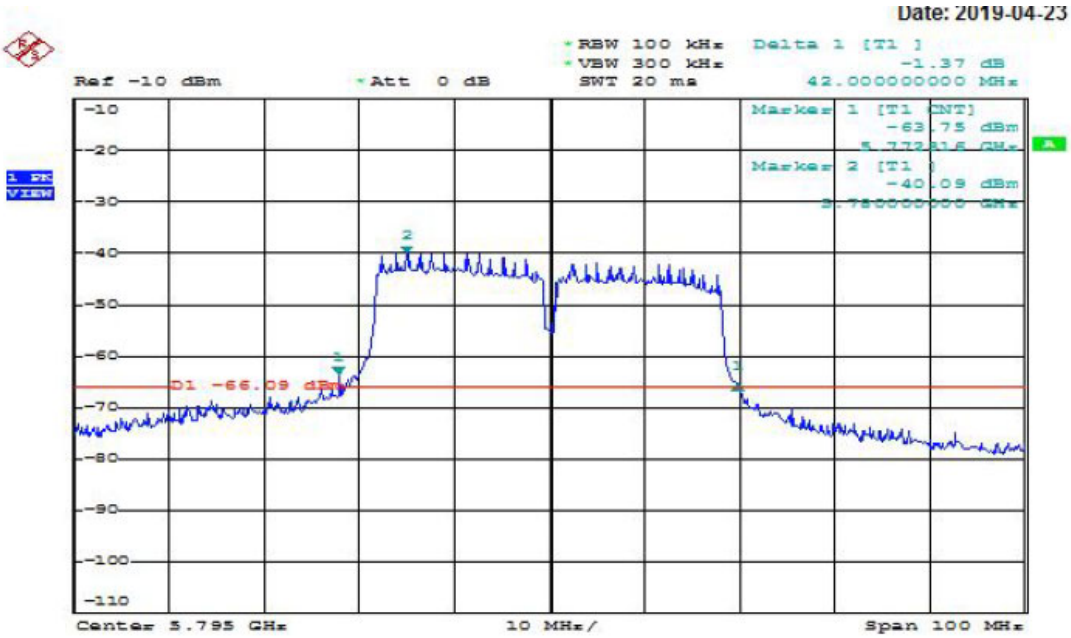
802.11n HT20
Channel: 165



802.11n HT40
Channel: 151

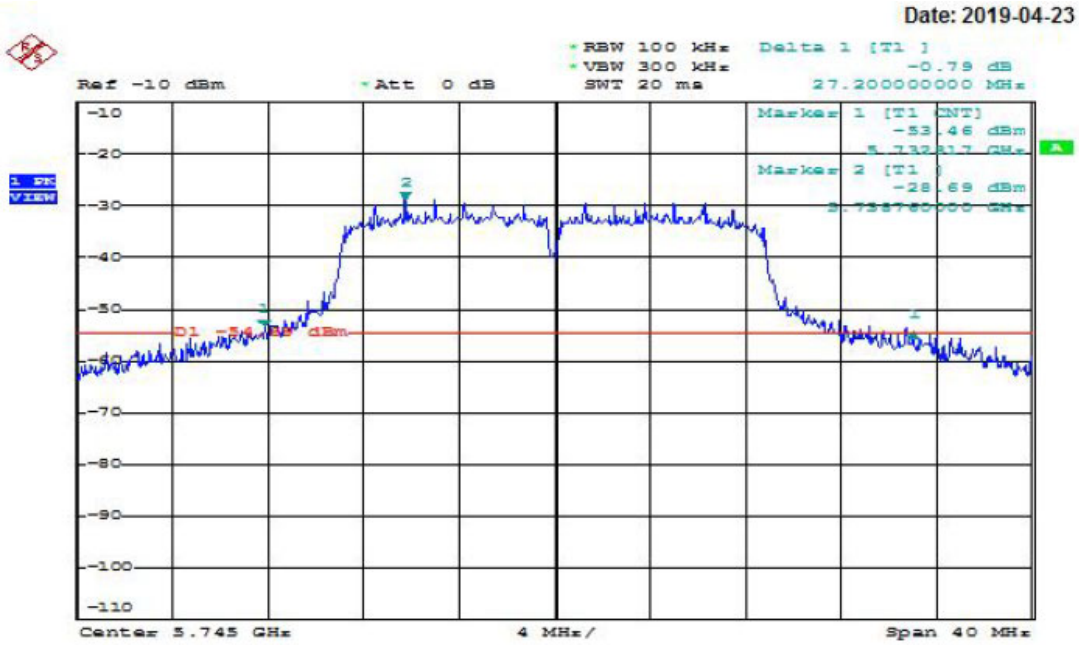


802.11n HT40
Channel: 159

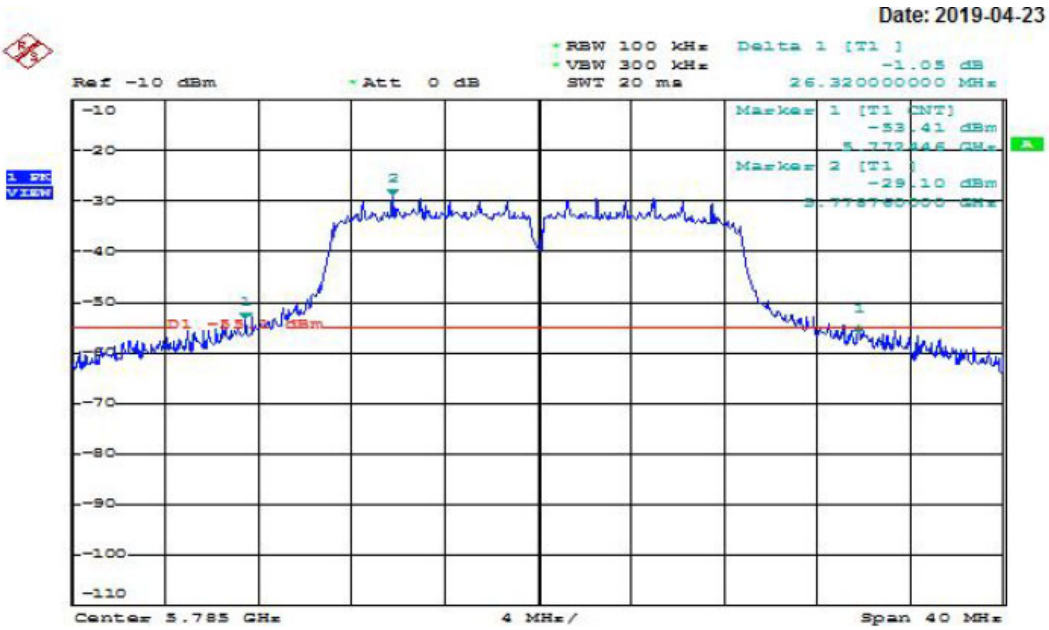


Antenna L

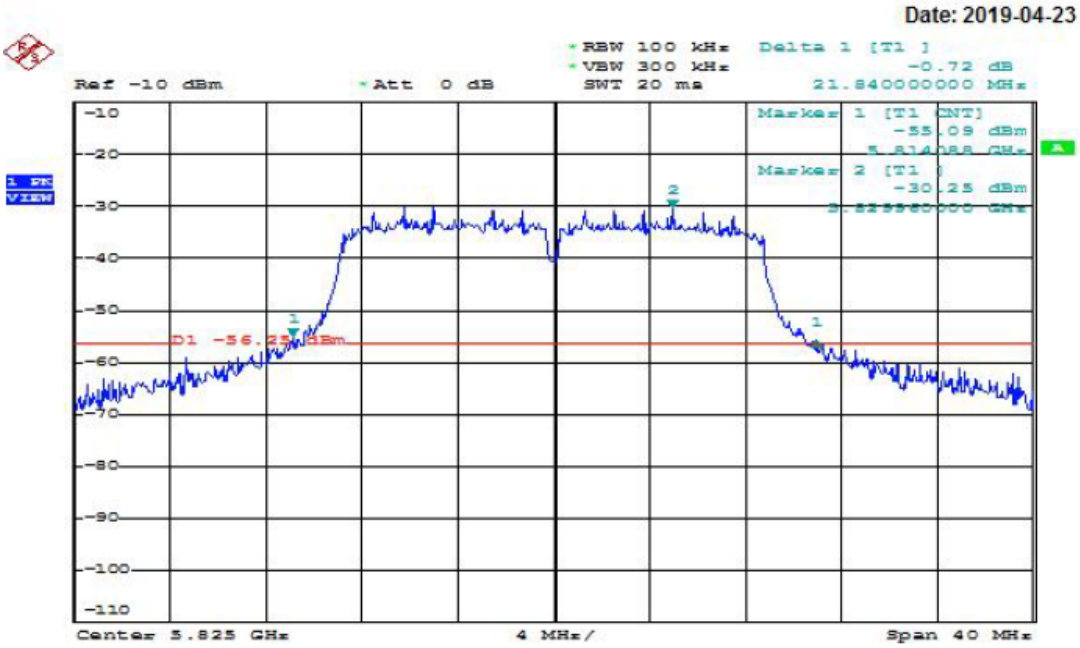
802.11a
Channel: 149



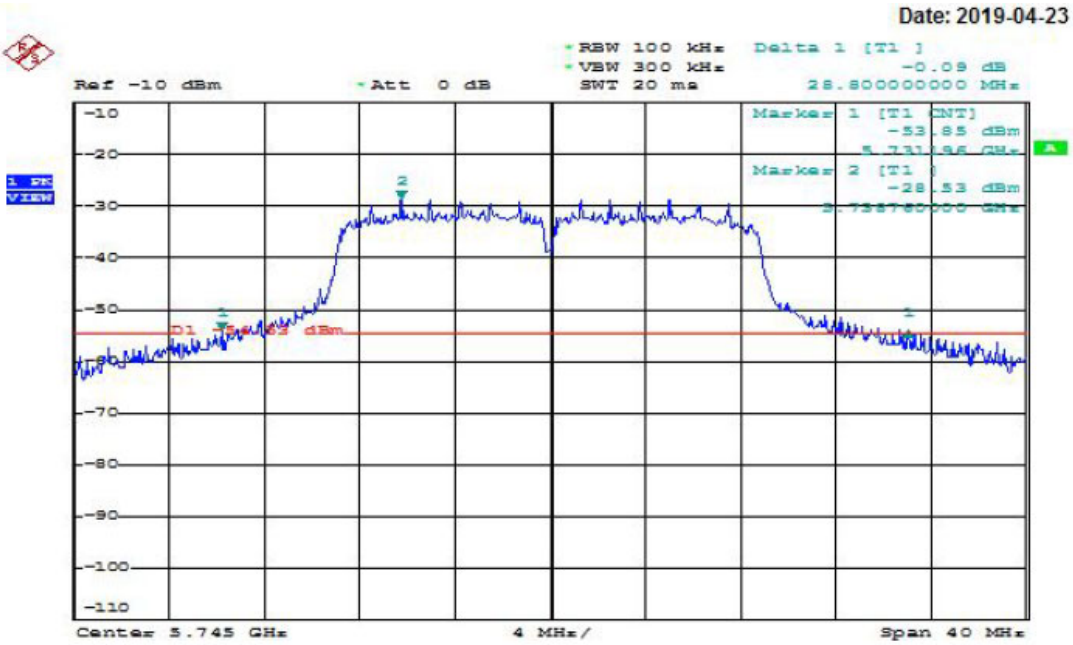
802.11a
Channel: 157



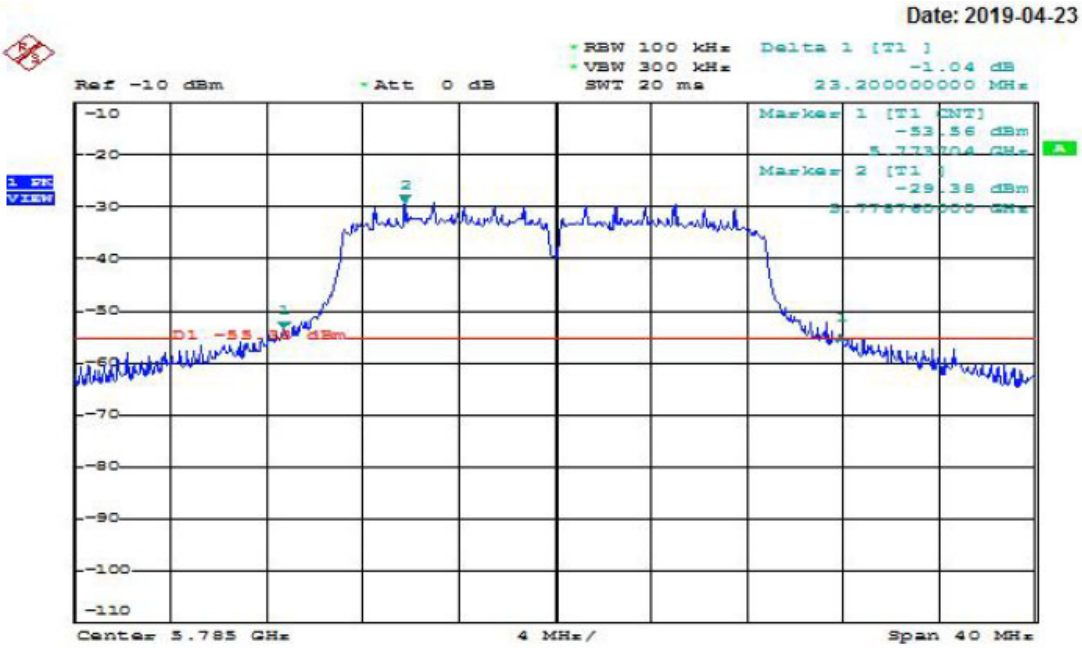
802.11a
Channel: 165



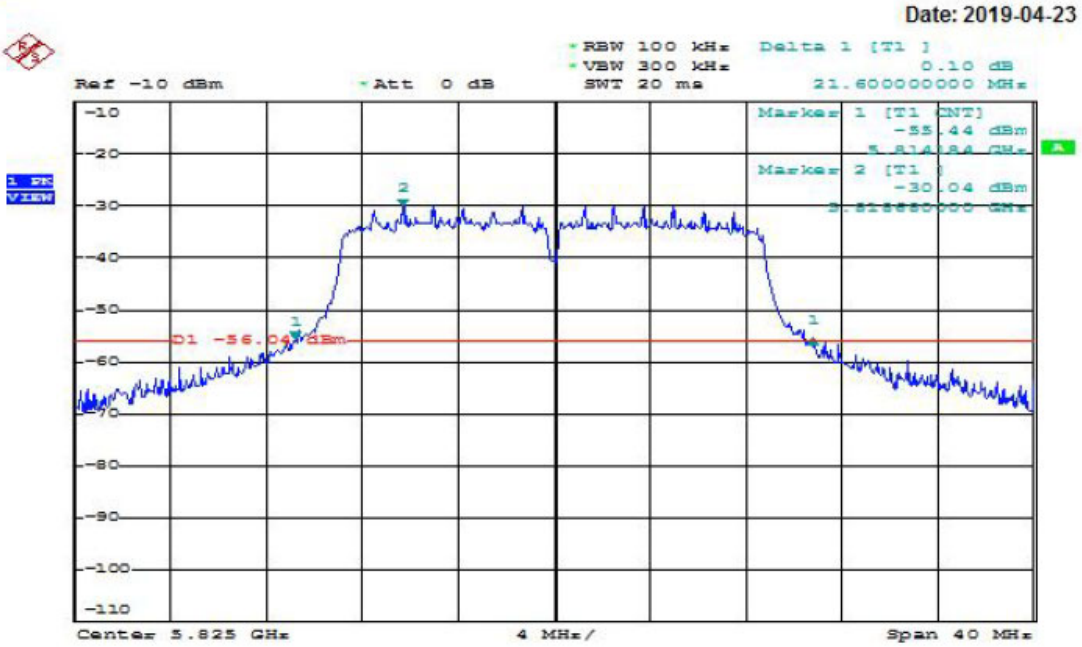
802.11n HT20
Channel: 149



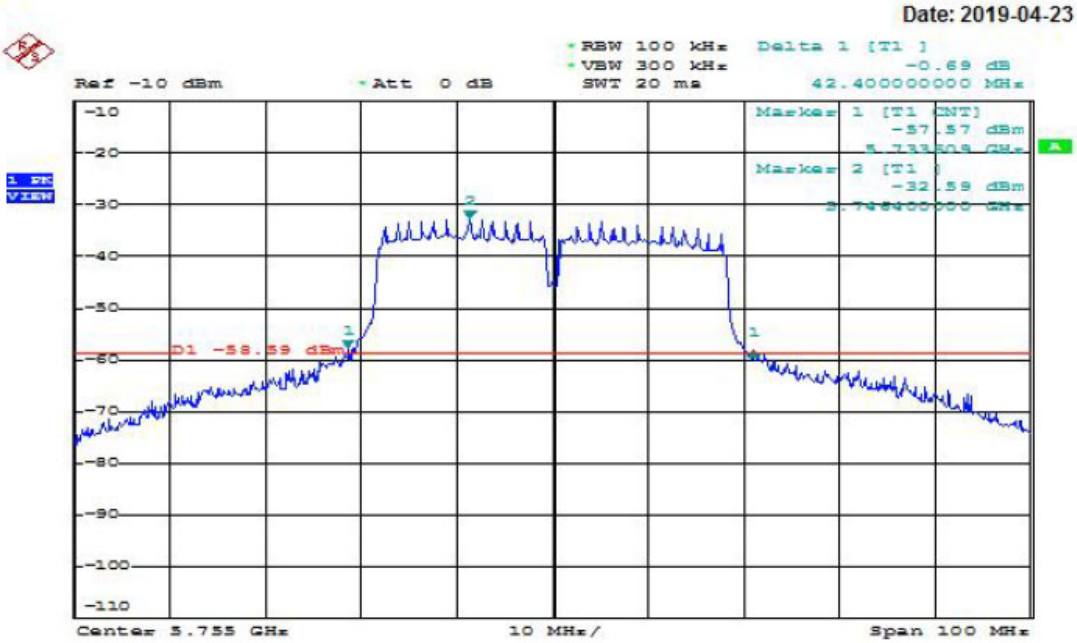
802.11n HT20
Channel: 157



802.11n HT20
Channel: 165



802.11n HT40
Channel: 151



802.11n HT40
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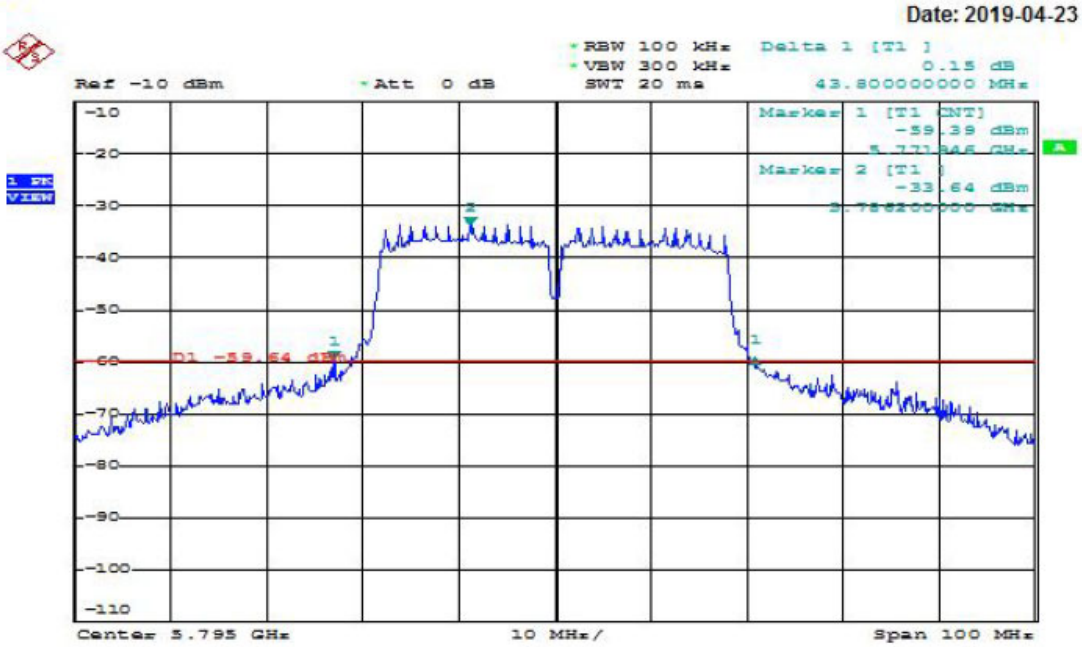

13. Restricted Bands of Operation

Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.09000 – 0.11000	16.42000 – 16.42300	399.9 – 410.0	4.500 – 5.150
0.49500 – 0.505**	16.69475 – 16.69525	608.0 – 614.0	5.350 – 5.460
2.17350 – 2.19050	16.80425 – 16.80475	960.0 – 1240.0	7.250 – 7.750
4.12500 – 4.12800	25.50000 – 25.67000	1300.0 – 1427.0	8.025 – 8.500
4.17725 – 4.17775	37.50000 – 38.25000	1435.0 – 1626.5	9.000 – 9.200
4.20725 – 4.20775	73.00000 – 74.60000	1645.5 – 1646.5	9.300 – 9.500
6.21500 – 6.21800	74.80000 – 75.20000	1660.0 – 1710.0	10.600 – 12.700
6.26775 – 6.26825	108.00000 – 121.94000	1718.8 – 1722.2	13.250 – 13.400
6.31175 – 6.31225	123.00000 – 138.00000	2200.0 – 2300.0	14.470 – 14.500
8.29100 – 8.29400	149.90000 – 150.05000	2310.0 – 2390.0	15.350 – 16.200
8.36200 – 8.36600	156.52475 – 156.52525	2483.5 – 2500.0	17.700 – 21.400
8.37625 – 8.38675	156.70000 – 156.90000	2655.0 – 2900.0	22.010 – 23.120
8.41425 – 8.41475	162.01250 – 167.17000	3260.0 – 3267.0	23.600 – 24.000
12.29000 – 12.29300	167.72000 – 173.20000	3332.0 – 3339.0	31.200 – 31.800
12.51975 – 12.52025	240.00000 – 285.00000	3345.8 – 3358.0	36.430 – 36.500
12.57675 – 12.57725	322.00000 – 335.40000	3600.0 – 4400.0	Above 38.6
13.36000 – 13.41000			

**: Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

13.1 Labeling Requirement

The device shall bear the following statement in a conspicuous location on the device:
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.