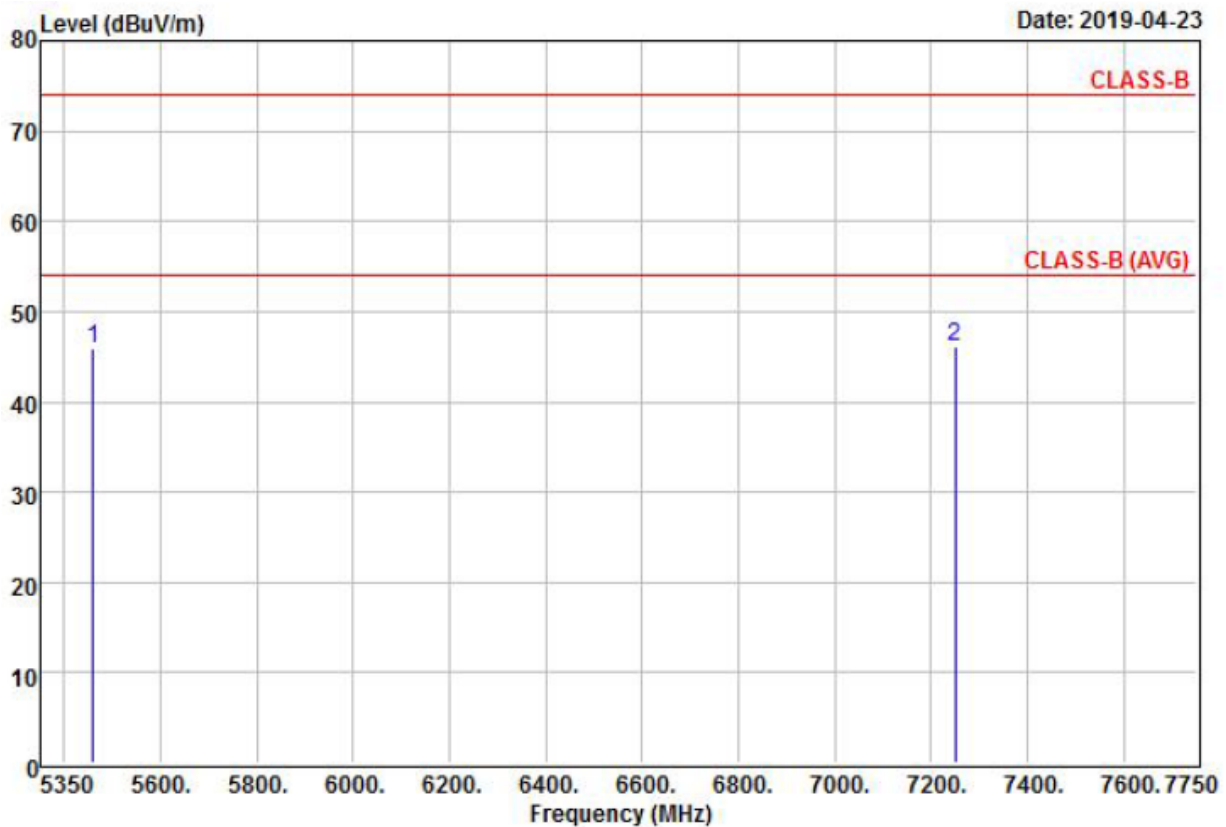


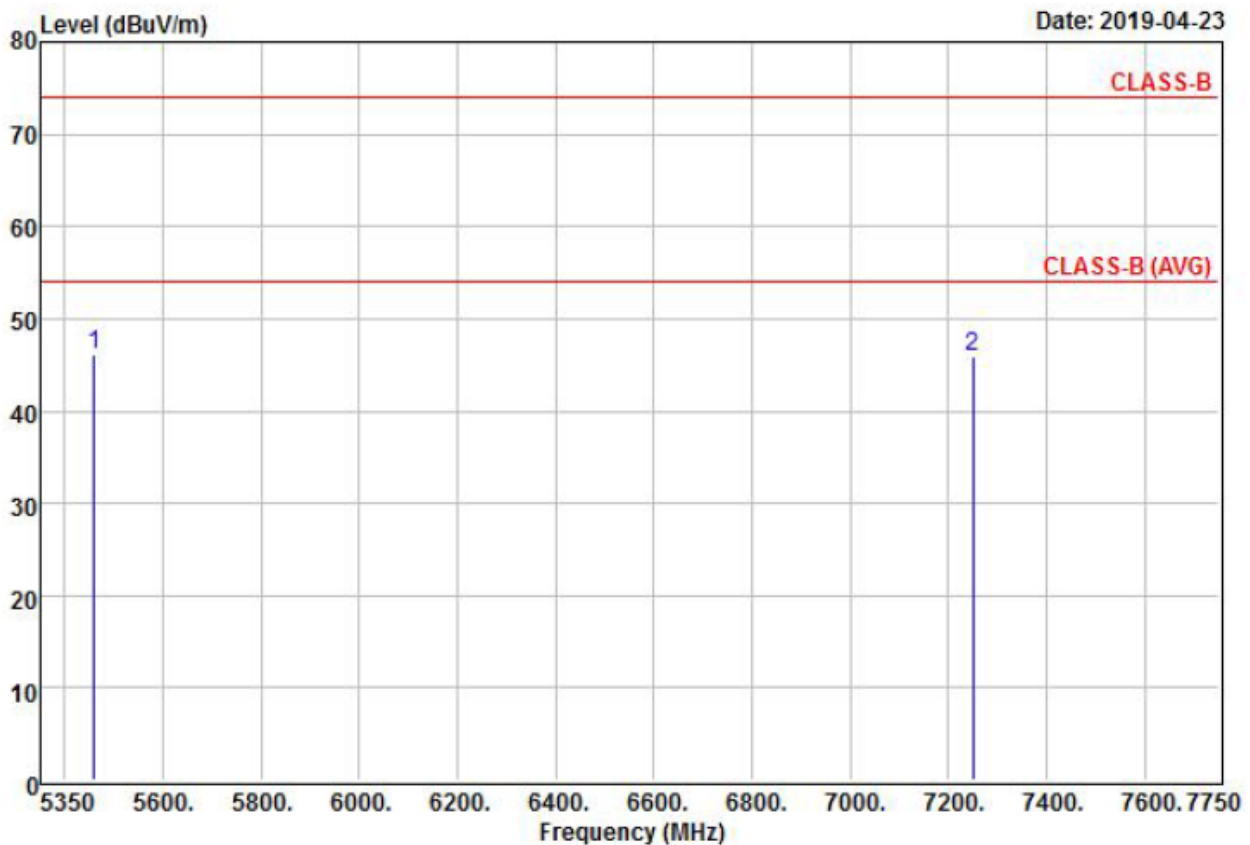
Power	: POE	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT 20 Channel 149-165	Temperature	: 30 °C
Humidity	: 65%		



Remarks : 1.Result=Read Value+Factor
: 2.Factor=Antenna Factor-Cable loss-
: Amplifier Factor

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5460.00	49.97	-4.13	45.84	74.00	-28.16	Peak
2 @	7250.00	44.99	1.19	46.18	74.00	-27.82	Peak

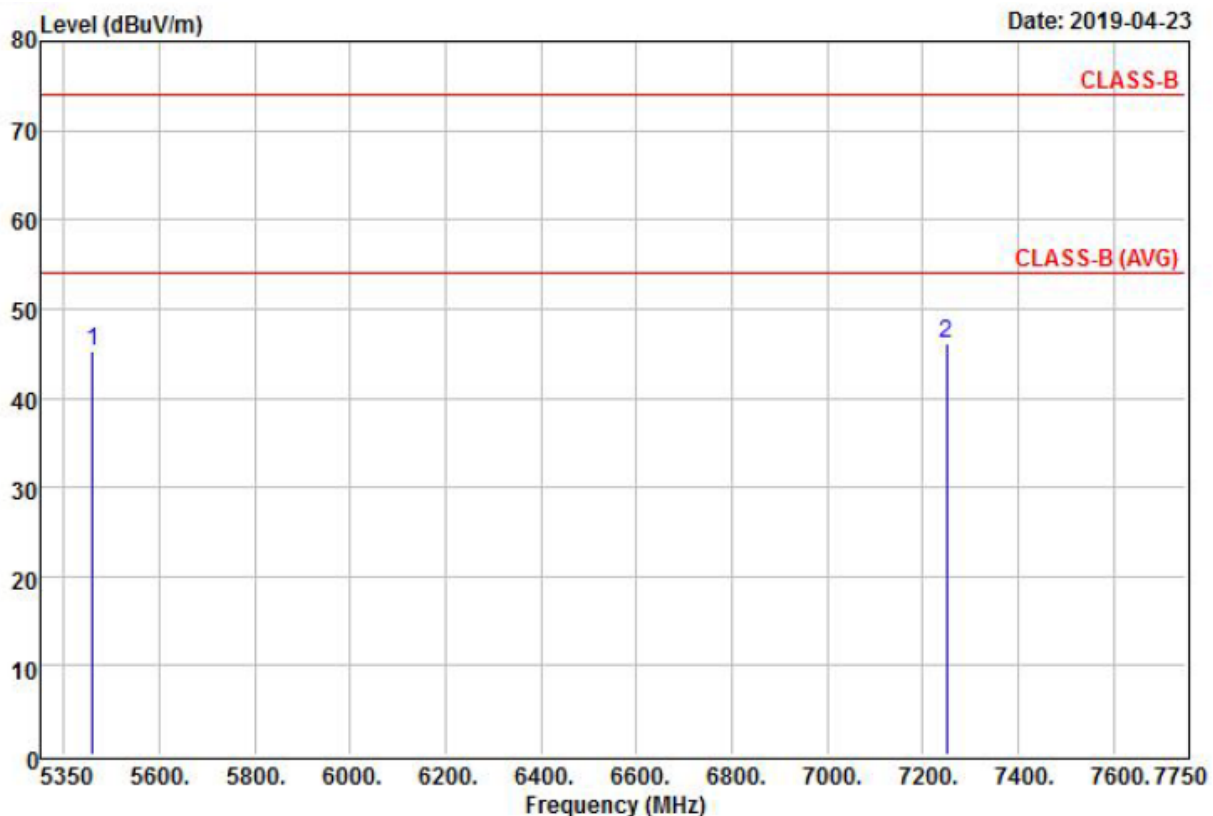
Power	: POE	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT 40 Channel 151-159	Temperature	: 30 °C
Humidity	: 65%		



Remarks : 1.Result=Read Value+Factor
: 2.Factor=Antenna Factor-Cable loss-
: Amplifier Factor

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 @	5460.00	50.24	-4.13	46.11	74.00	-27.89	Peak
2	7250.00	44.73	1.19	45.92	74.00	-28.08	Peak

Power	: POE	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT 40 Channel 151-159	Temperature	: 30 °C
Humidity	: 65%		



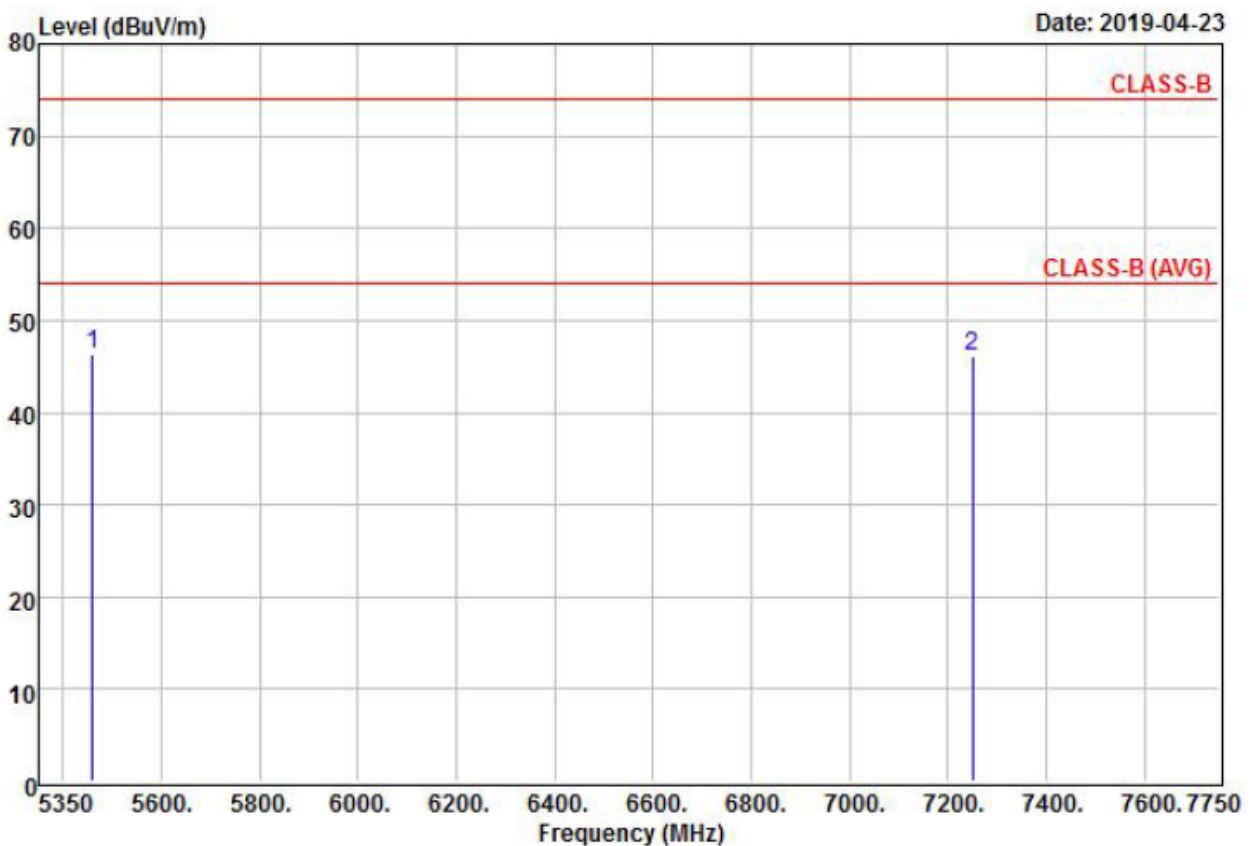
Remarks

: 1.Result=Read Value+Factor
: 2.Factor=Antenna Factor-Cable loss-
: Amplifier Factor

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5460.00	49.47	-4.13	45.34	74.00	-28.66	Peak
2 @	7250.00	44.86	1.19	46.05	74.00	-27.95	Peak

AS-AP515914DPK-W

Power	: POE	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a Channel 149-165	Temperature	: 30 °C
Humidity	: 65%		

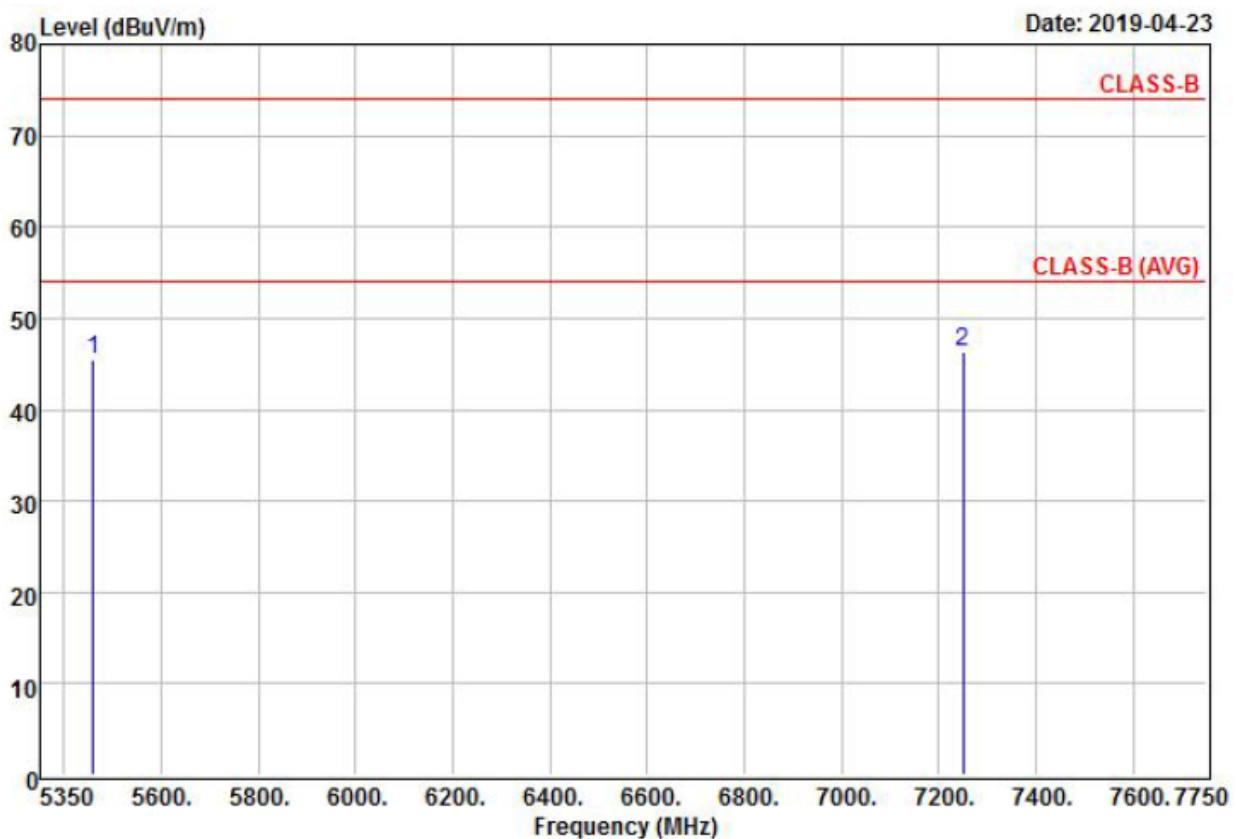


Remarks

: 1.Result=Read Value+Factor
: 2.Factor=Antenna Factor-Cable loss-
: Amplifier Factor

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 @	5460.00	50.42	-4.13	46.29	74.00	-27.71	Peak
2	7250.00	44.91	1.19	46.10	74.00	-27.90	Peak

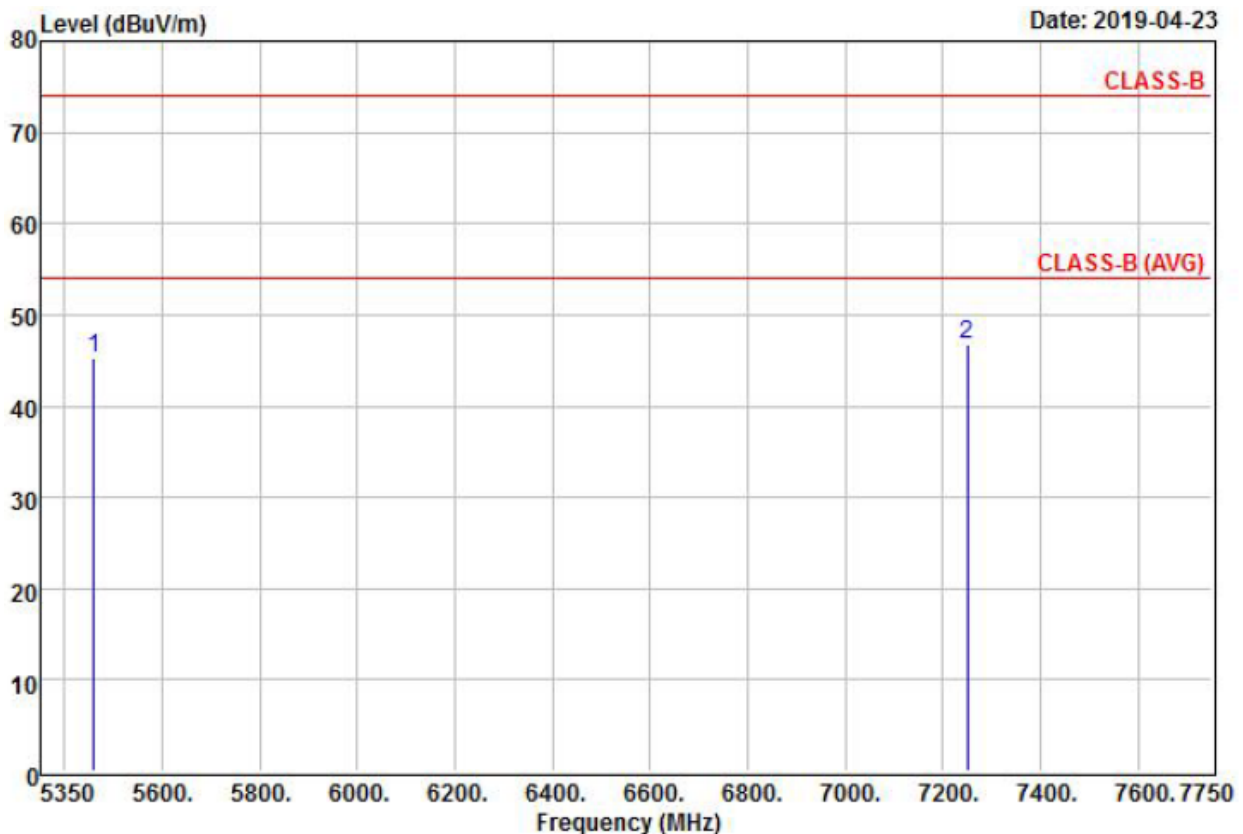
Power	: POE	Pol/Phase	: VERTICAL
Test Mode	: 802.11a Channel 149-165	Temperature	: 30 °C
Humidity	: 65%		



Remarks : 1.Result=Read Value+Factor
: 2.Factor=Antenna Factor-Cable loss-
: Amplifier Factor

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5460.00	49.58	-4.13	45.45	74.00	-28.55	Peak
2 @	7250.00	45.09	1.19	46.28	74.00	-27.72	Peak

Power	: POE	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT 20 Channel 149-165	Temperature	: 30 °C
Humidity	: 65%		

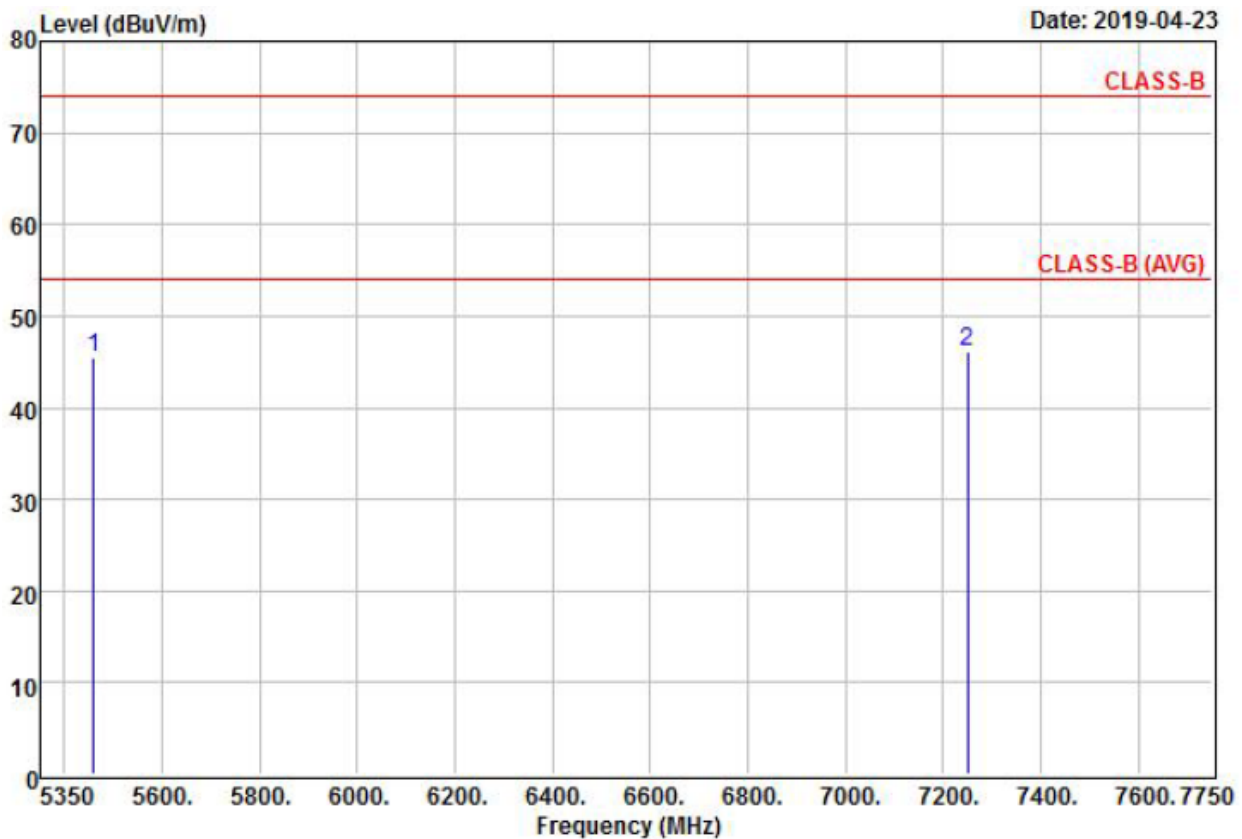


Remarks

: 1.Result=Read Value+Factor
: 2.Factor=Antenna Factor-Cable loss-
: Amplifier Factor

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5460.00	49.46	-4.13	45.33	74.00	-28.67	Peak
2 @	7250.00	45.63	1.19	46.82	74.00	-27.18	Peak

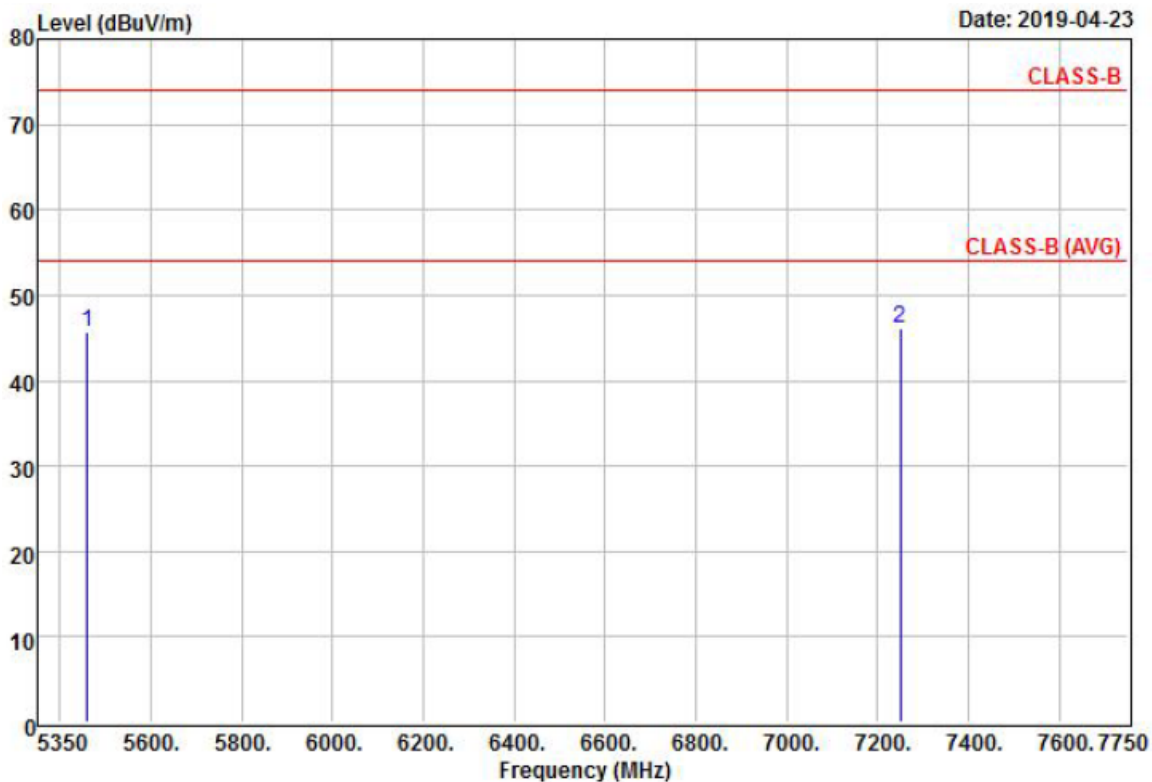
Power	: POE	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT 20 Channel 149-165	Temperature	: 30 °C
Humidity	: 65%		



Remarks : 1.Result=Read Value+Factor
: 2.Factor=Antenna Factor-Cable loss-
: Amplifier Factor

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5460.00	49.50	-4.13	45.37	74.00	-28.63	Peak
2 @	7250.00	44.83	1.19	46.02	74.00	-27.98	Peak

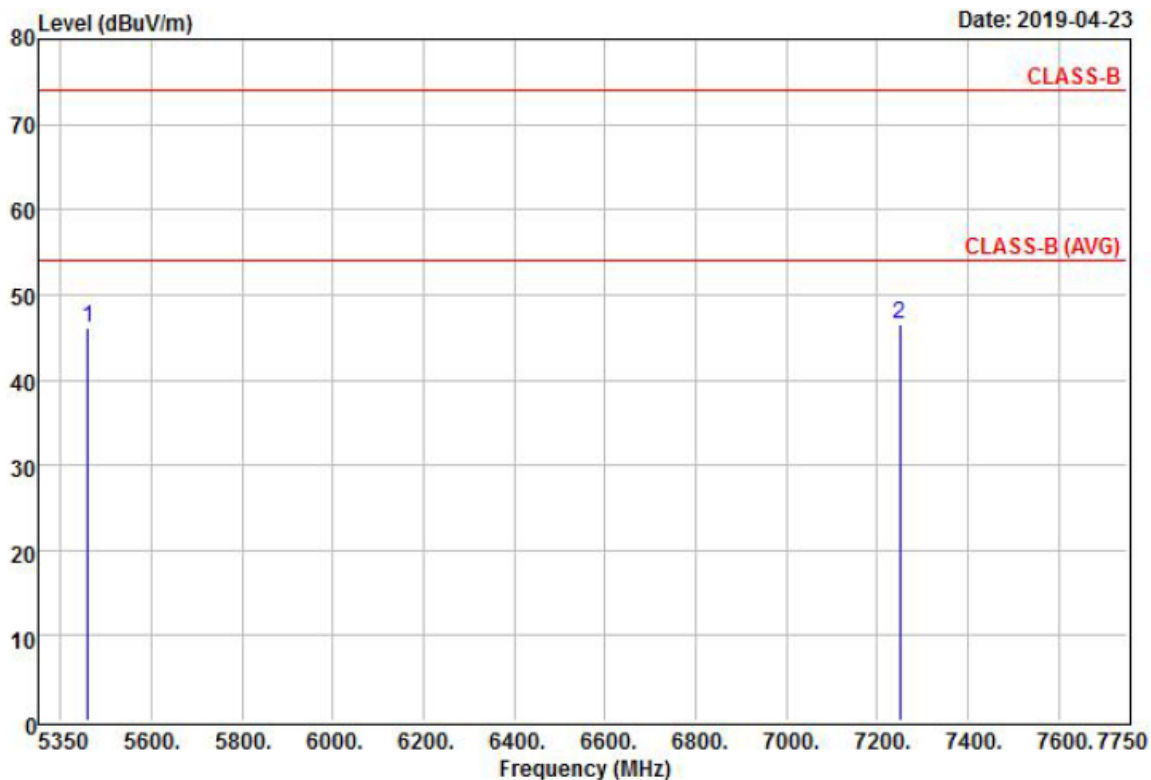
Power	: POE	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT 40 Channel 151-159	Temperature	: 30 °C
Humidity	: 65%		



Remarks : 1.Result=Read Value+Factor
: 2.Factor=Antenna Factor-Cable loss-
: Amplifier Factor

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5460.00	49.73	-4.13	45.60	74.00	-28.40	Peak
2 @	7250.00	44.99	1.19	46.18	74.00	-27.82	Peak

Power	: POE	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT 40 Channel 151-159	Temperature	: 30 °C
Humidity	: 65%		



Remarks : 1.Result=Read Value+Factor
: 2.Factor=Antenna Factor-Cable loss-
: Amplifier Factor

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5460.00	50.22	-4.13	46.09	74.00	-27.91	Peak
2 @	7250.00	45.31	1.19	46.50	74.00	-27.50	Peak

The field strength is calculated by adding the Antenna Factor. Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading + Antenna Factor + Cable Factor –Preamplifier Factor.

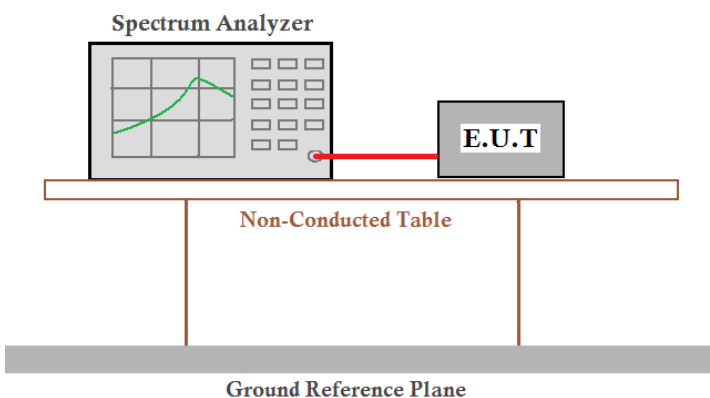
Average measurement was not performed if peak level lower than average limit.

No any other emissions level very low which are attenuated less than 20dB below the limit.

According to 15.31(o), The amplitude of spurious emissions from intentional radiators and emissions from unintentional radiators which are attenuated more than 20 dB below the permissible value need not be reported unless specifically required elsewhere in this Part.

Hence there no other emissions have been reported.

8. 6dB Bandwidth Measurement Data

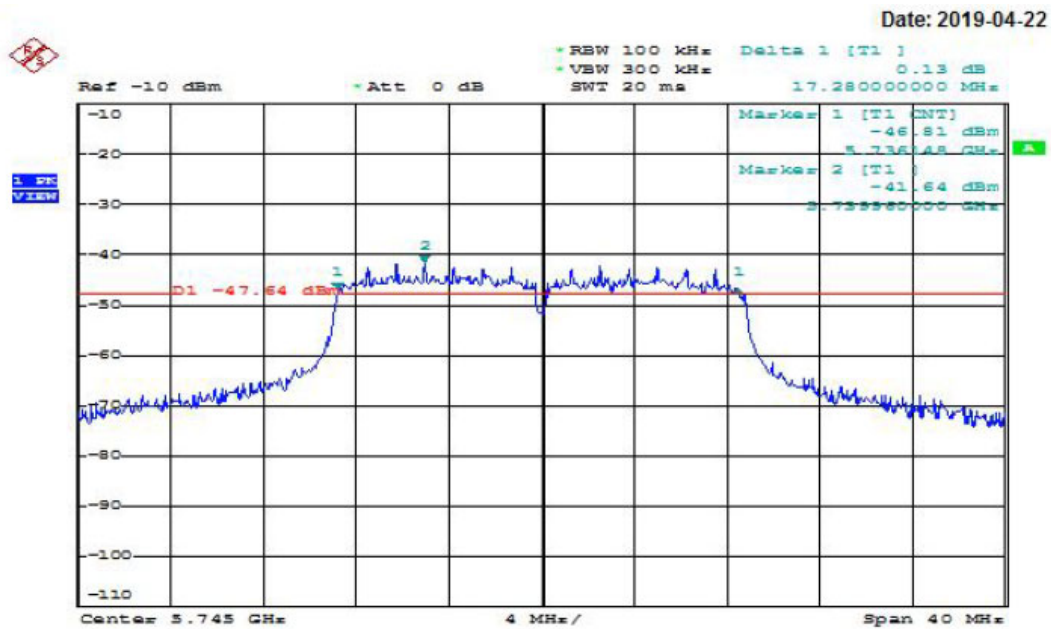
Test Requirement:	FCC Part15 E Section 15.407
Test Method:	ANSI C63.10:2013 and KDB 789033 D02 General UNII Test Procedures New Rules v02
Limit:	N/A (Band I)
	>500KHz(Band IV)
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer, shown with a green trace on its screen, is connected to an E.U.T. (Equipment Under Test) box by a red cable. Both the Spectrum Analyzer and the E.U.T. are positioned on a 'Non-Conducted Table'. This table is supported by two vertical legs that rest on a 'Ground Reference Plane', which is represented by a thick grey horizontal bar at the bottom of the setup.
Test procedure:	According to KDB 789033 D02 General UNII Test Procedures New Rules v02.
Test Instruments:	Refer to section 5.10 f & section 6.0 for details
Test mode:	Refer to section 5.3 for details
Test results:	Pass

8.1 Test Result and Data

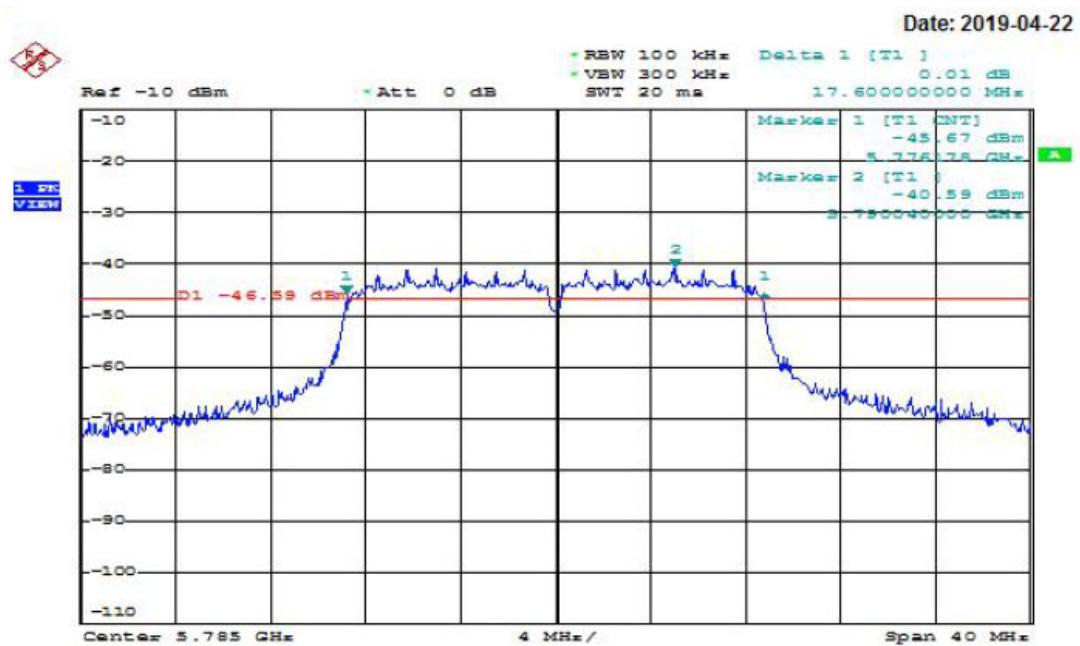
Modulation Type	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	
			ANT R	ANT L
802.11a	149	5745	17.28	17.28
	157	5785	17.6	17.36
	165	5825	17.6	17.52
802.11n HT20	149	5745	17.28	17.28
	157	5785	17.2	17.04
	165	5825	17.44	17.6
802.11n HT40	151	5755	36.4	35.8
	159	5795	35.6	35.6

Antenna R

802.11a
Channel: 149

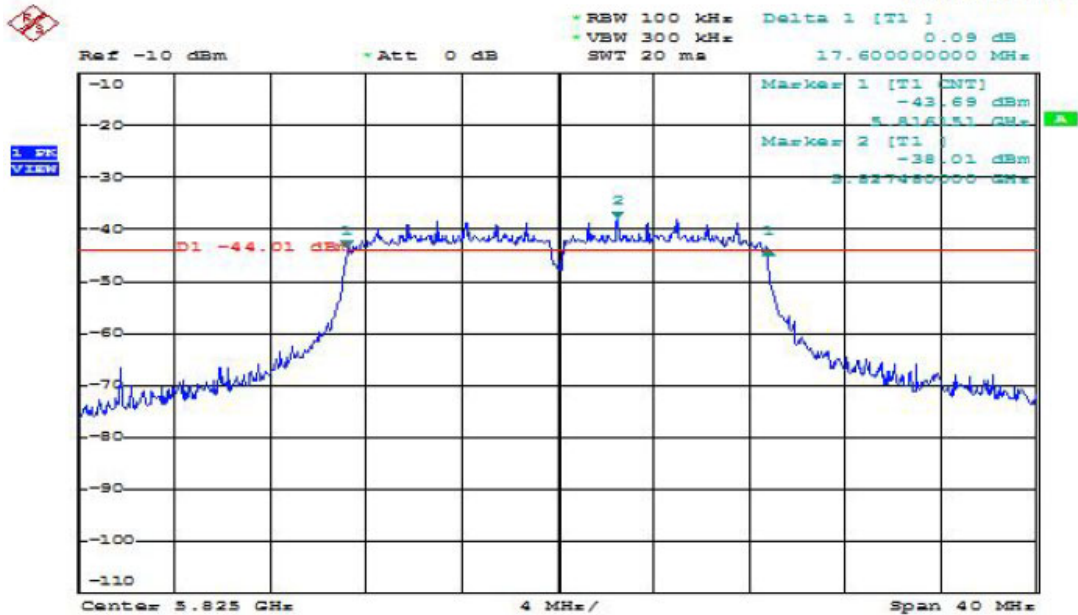


802.11a
Channel: 157



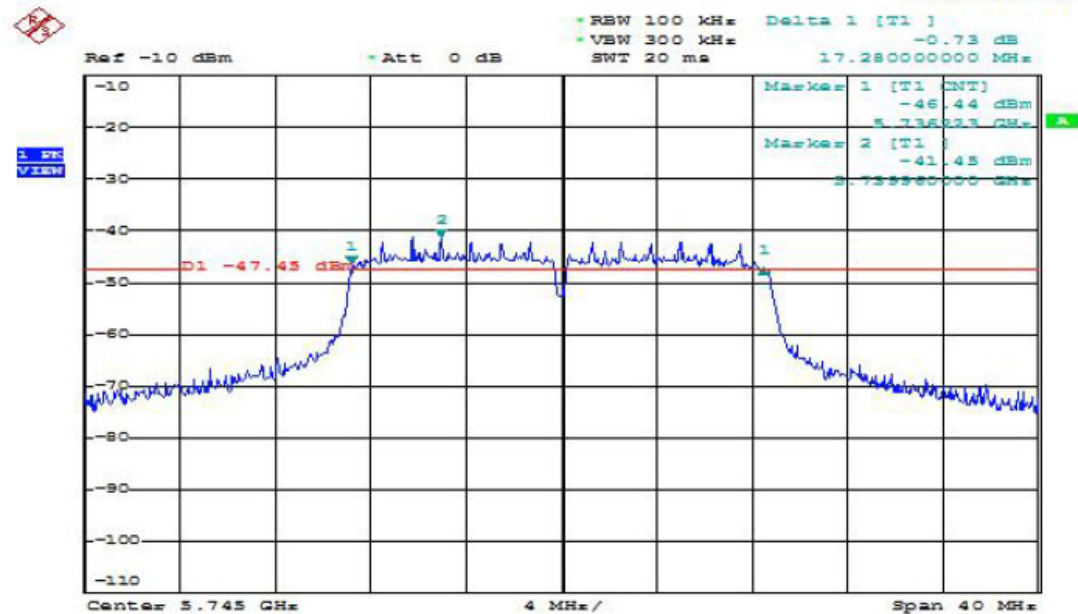
802.11a
Channel: 165

Date: 2019-04-22



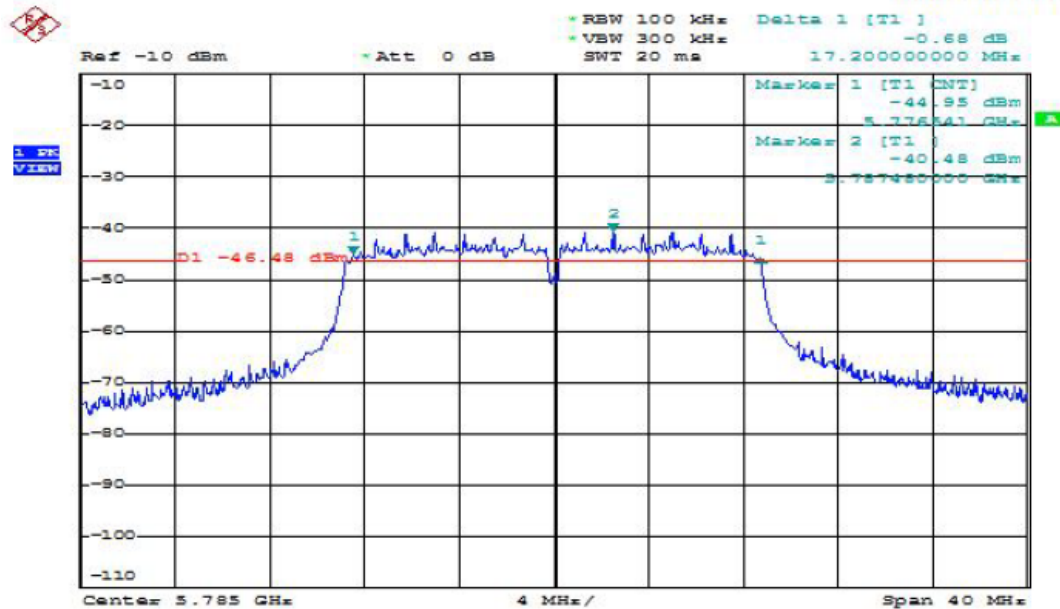
802.11n HT20
Channel: 149

Date: 2019-04-22



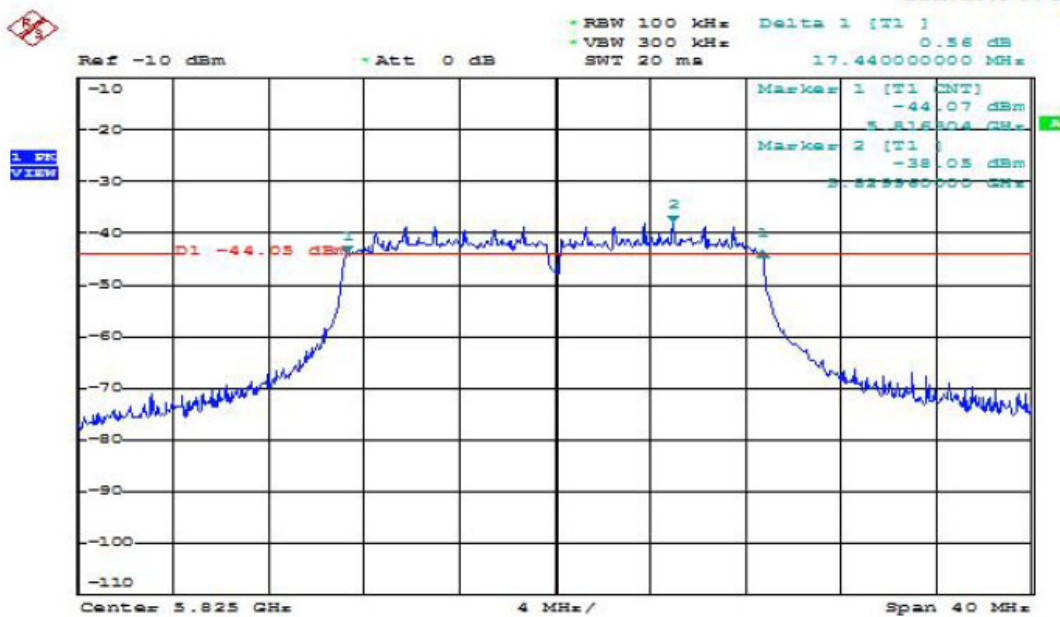
802.11n HT20 Channel: 157

Date: 2019-04-22



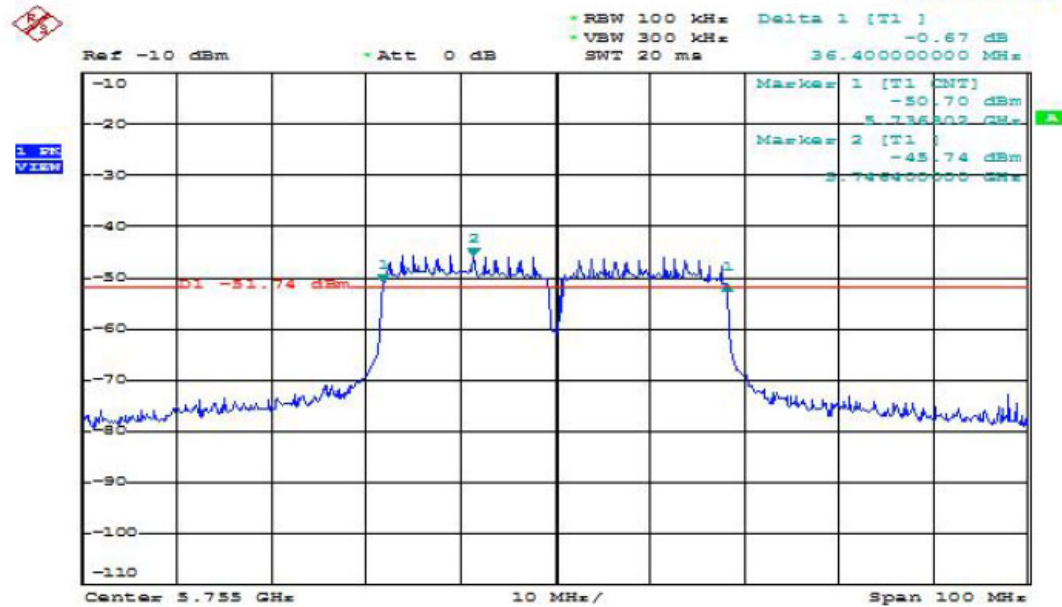
802.11n HT20 Channel: 165

Date: 2019-04-22



802.11n HT40 Channel: 151

Date: 2019-04-22



802.11n HT40 Channel: 159

Date: 2019-04-22

