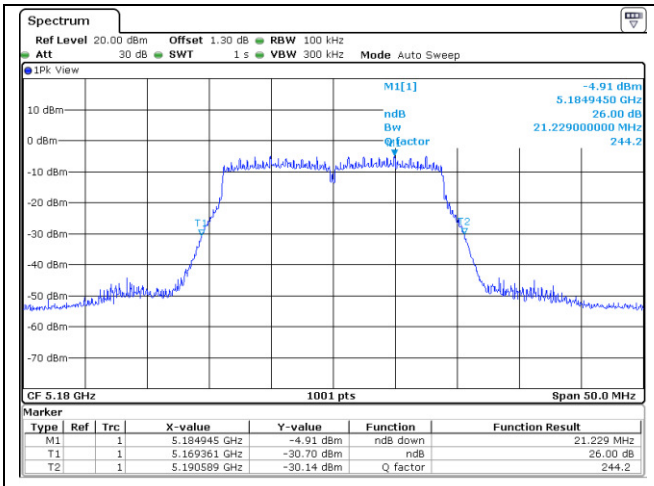
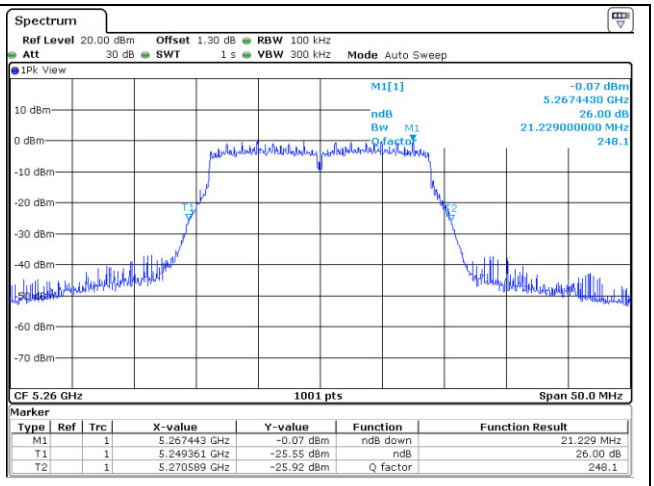
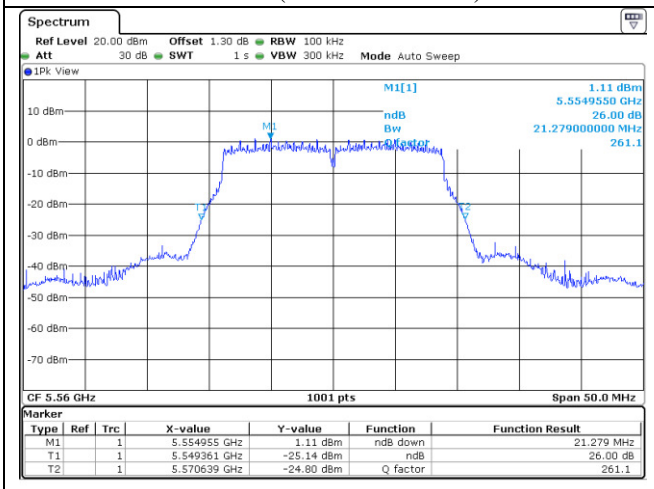


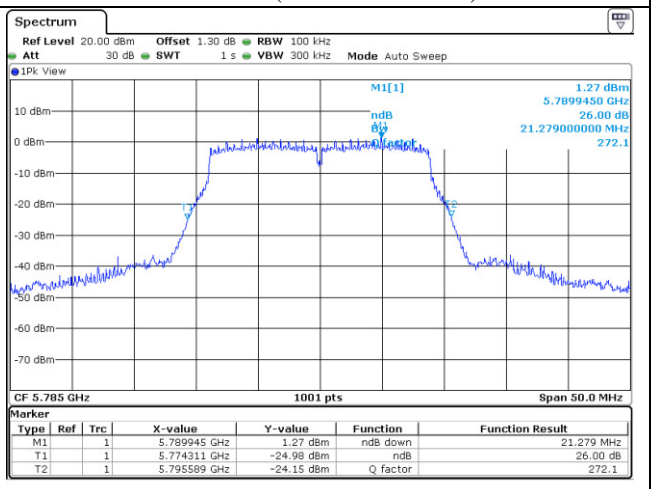
U-NII-1 (26 dB Bandwidth)



U-NII-2A (26 dB Bandwidth)



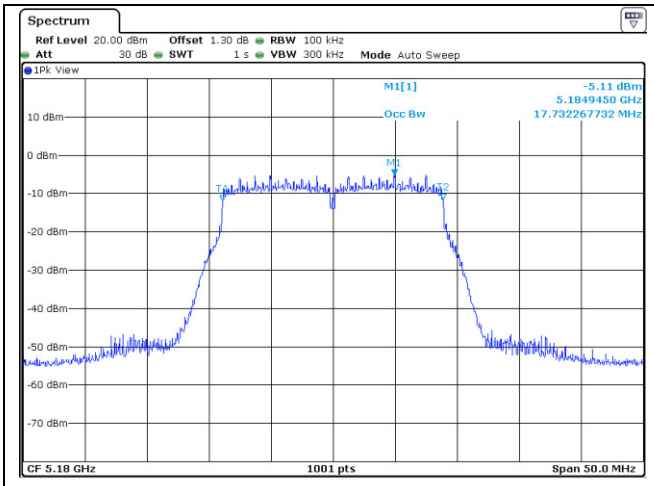
U-NII-2C (26 dB Bandwidth)



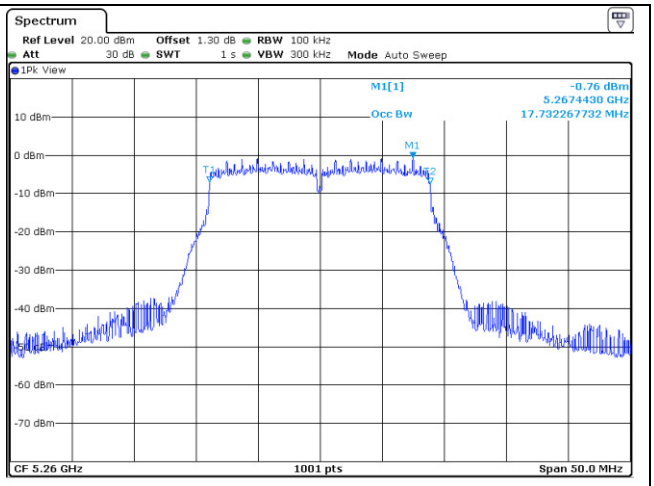
U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

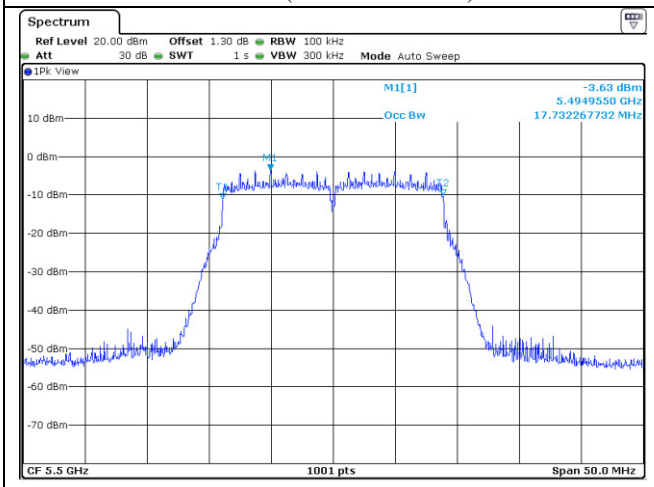
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



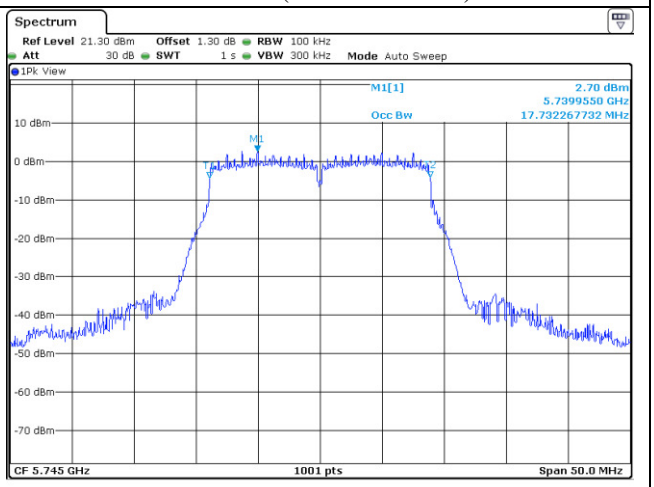
U-NII-1 (99 % bandwidth)



U-NII-2A (99 % bandwidth)



U-NII-2C (99 % bandwidth)



U-NII-3 (99 % bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

7.4.4.3 Test data for Antenna 2

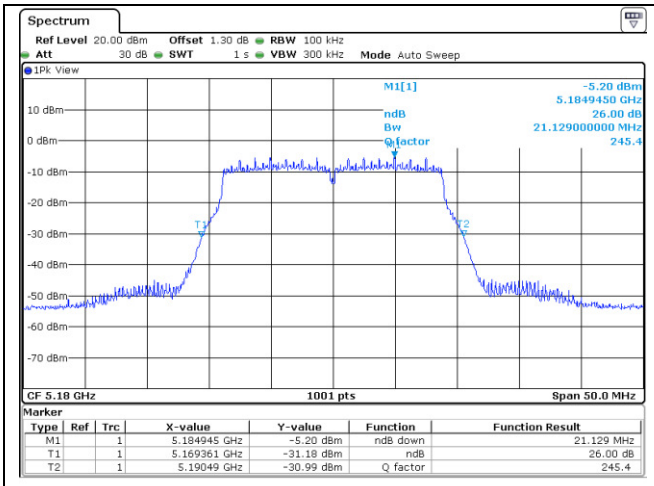
-. Test Date : June 14, 2016

-. Test Result : Pass

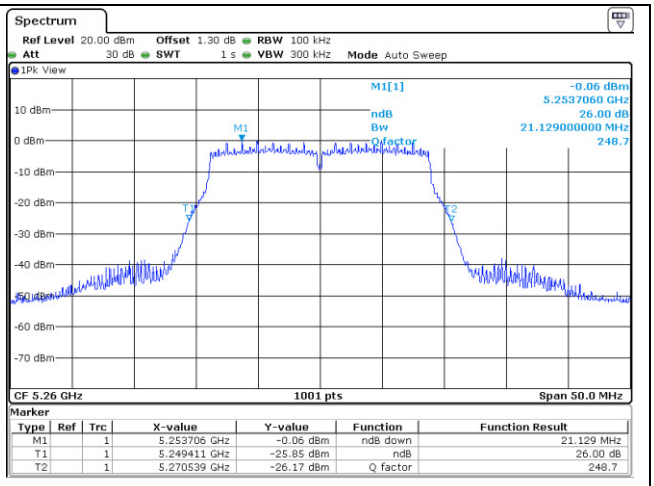
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
5 150 ~ 5 250	Low	5 180	21.13	17.68
	Middle	5 220	20.93	17.68
	High	5 240	21.13	17.68
5 250 ~ 5 350	Low	5 260	21.13	17.68
	Middle	5 300	21.13	17.68
	High	5 320	20.93	17.68
5 470 ~ 5 725	Low	5 500	21.03	17.68
	Middle	5 560	20.98	17.68
	High	5 720	21.03	17.68
5 725 ~ 5 850	Low	5 745	20.88	17.73
	Middle	5 785	20.93	17.68
	High	5 825	21.03	17.68

Tested by: Min-Gu, Ji / Project Engineer

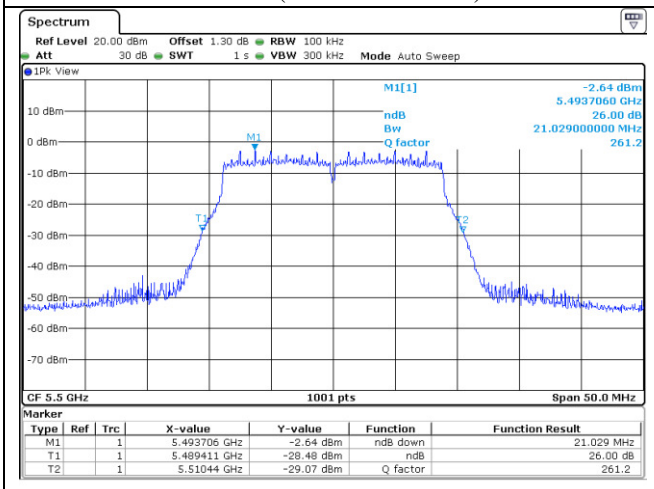
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



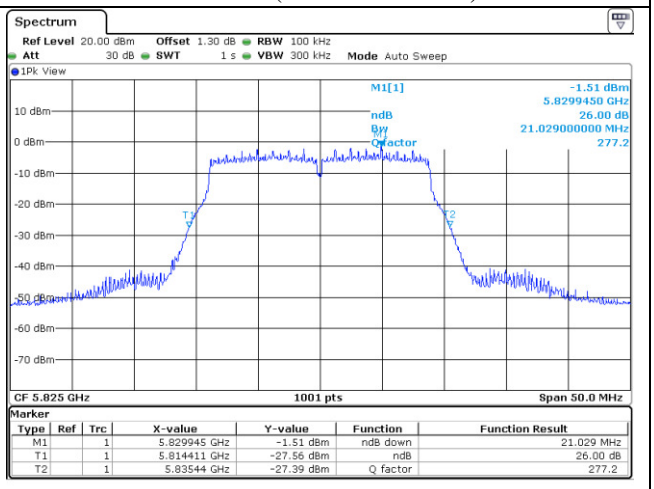
U-NII-1 (26 dB Bandwidth)



U-NII-2A (26 dB Bandwidth)



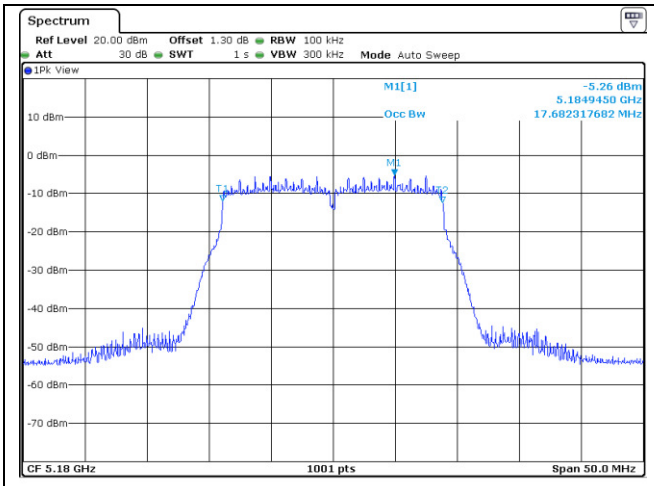
U-NII-2C (26 dB Bandwidth)



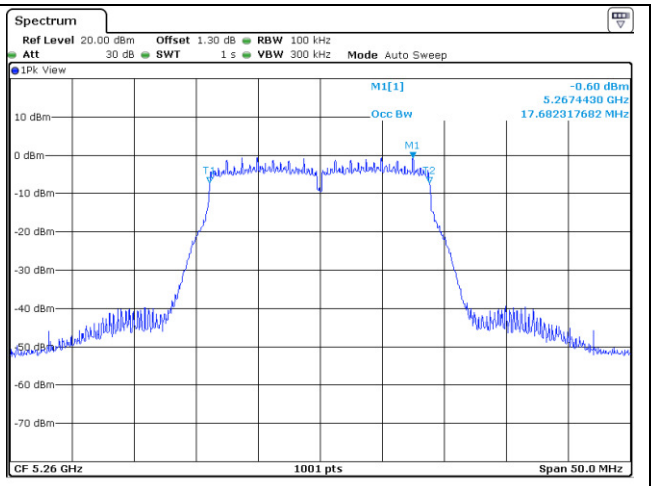
U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

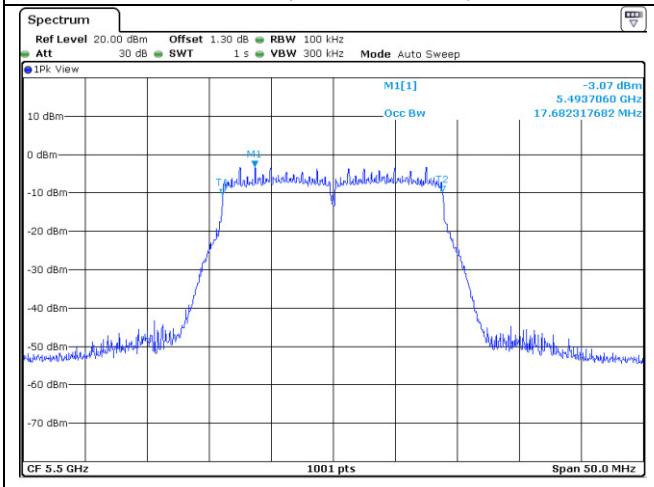
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



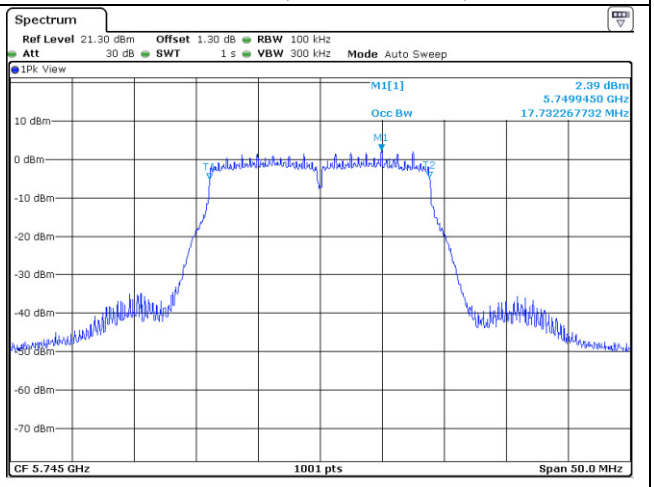
U-NII-1 (99 % bandwidth)



U-NII-2A (99 % bandwidth)



U-NII-2C (99 % bandwidth)



U-NII-3 (99 % bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

7.4.4.4 Test data for Antenna 3

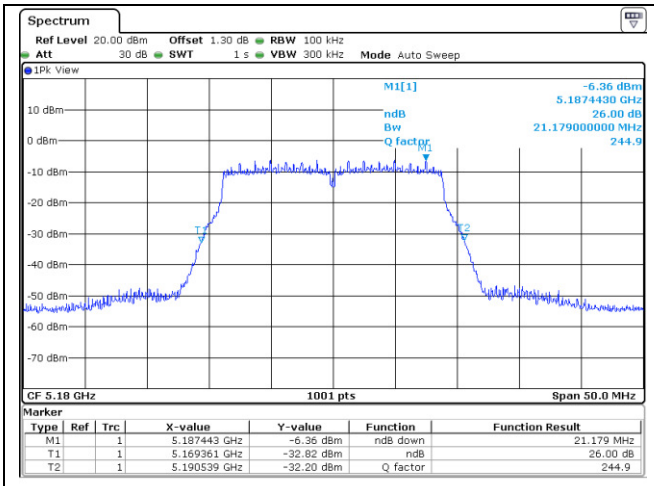
-. Test Date : June 14, 2016

-. Test Result : Pass

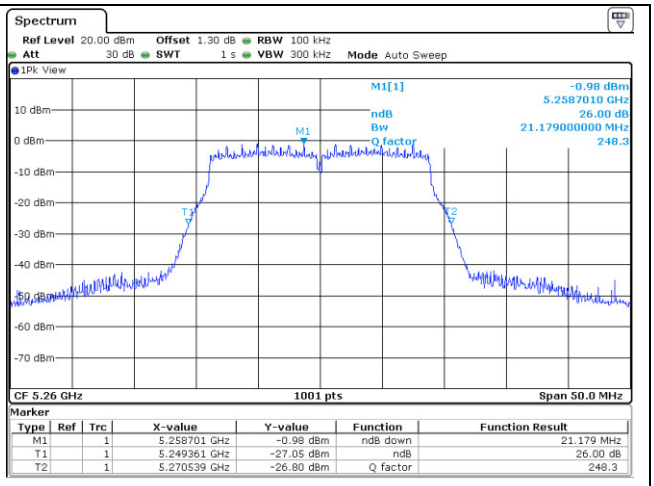
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
5 150 ~ 5 250	Low	5 180	21.18	17.73
	Middle	5 220	21.18	17.73
	High	5 240	21.08	17.68
5 250 ~ 5 350	Low	5 260	21.18	17.73
	Middle	5 300	21.13	17.68
	High	5 320	21.08	17.73
5 470 ~ 5 725	Low	5 500	20.98	17.68
	Middle	5 560	20.98	17.68
	High	5 720	21.03	17.68
5 725 ~ 5 850	Low	5 745	20.98	17.68
	Middle	5 785	21.03	17.68
	High	5 825	21.08	17.73

Tested by: Min-Gu, Ji / Project Engineer

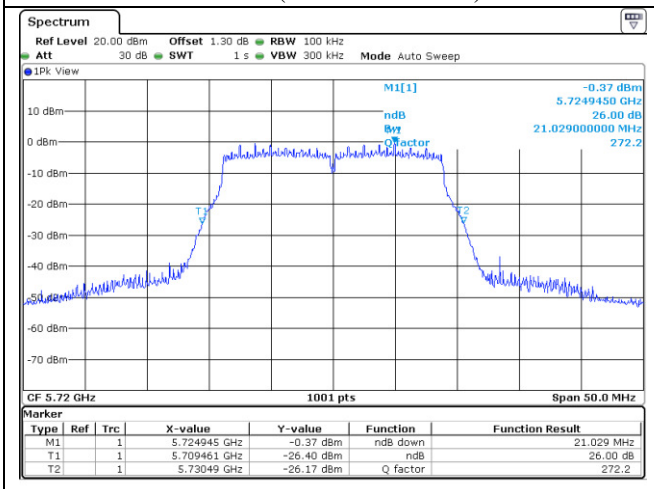
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



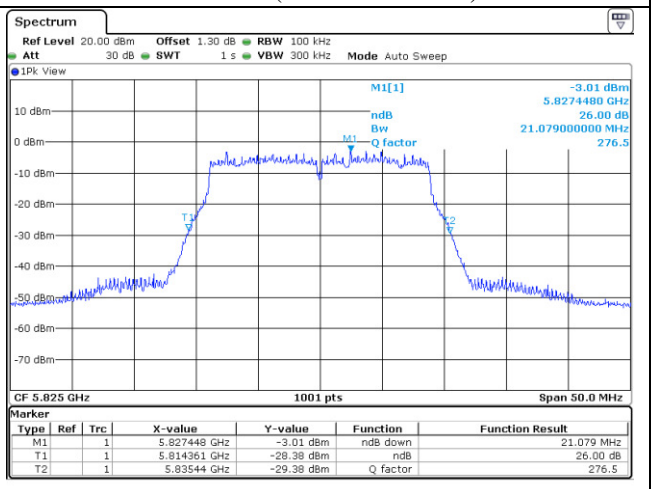
U-NII-1 (26 dB Bandwidth)



U-NII-2A (26 dB Bandwidth)



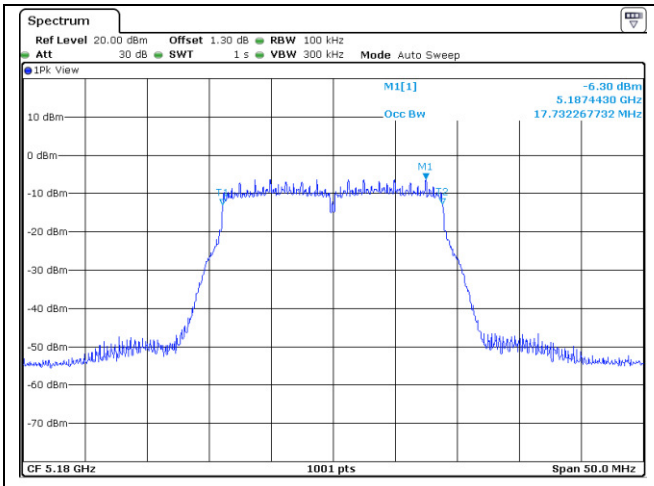
U-NII-2C (26 dB Bandwidth)



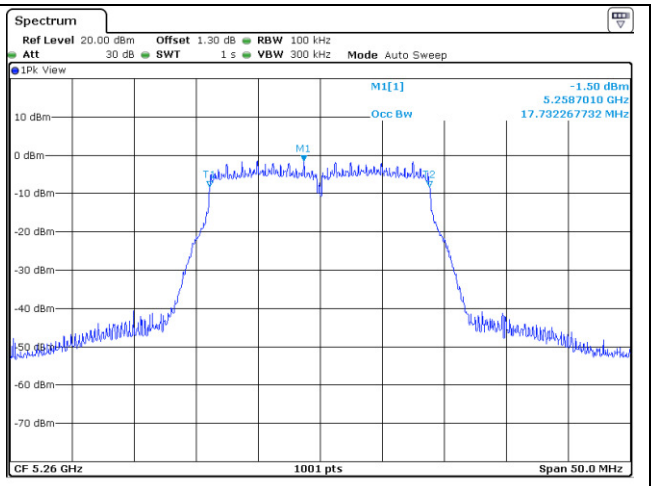
U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

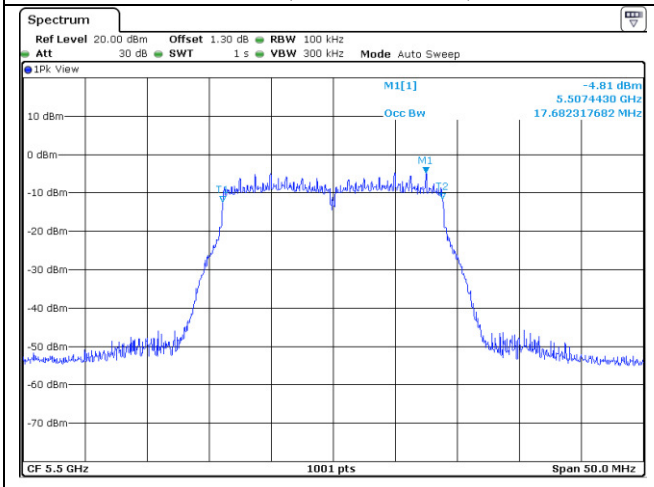
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



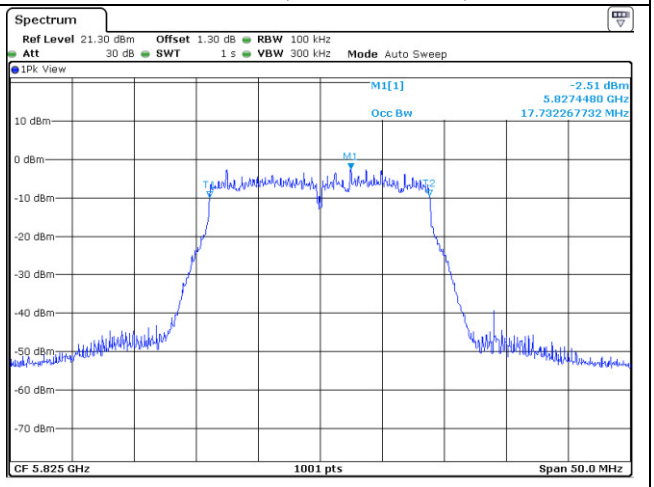
U-NII-1 (99 % bandwidth)



U-NII-2A (99 % bandwidth)



U-NII-2C (99 % bandwidth)



U-NII-3 (99 % bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

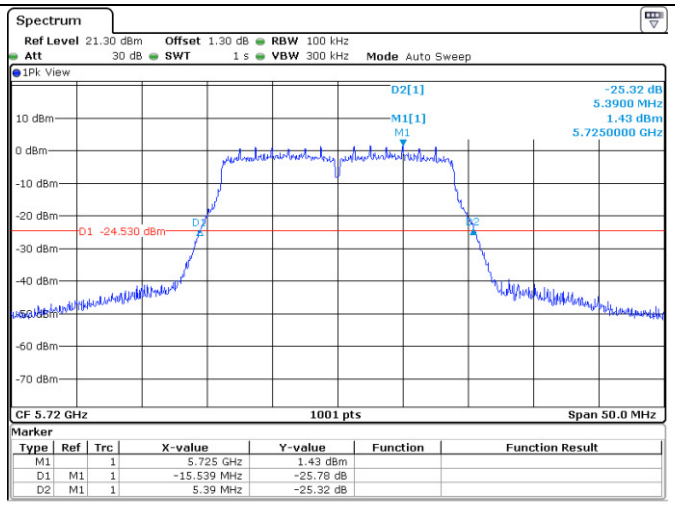
7.4.4.5 Test data for Staddle Channel_Antenna 0

-. Test Date : June 14, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 470 ~ 5 725	5 720	15.54
5 725 ~ 5 850	5 720	5.39

Tested by: Min-Gu, Ji / Project Engineer



U-NII-2C, U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

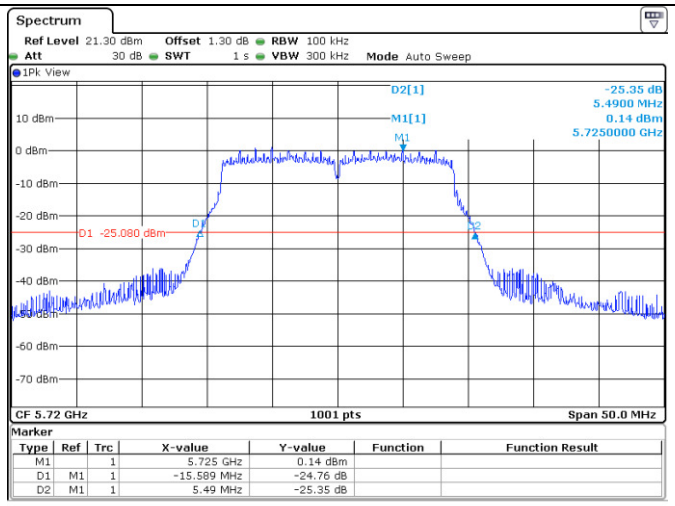
7.4.4.6 Test data for Staddle Channel_Antenna 1

-. Test Date : June 14, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 470 ~ 5 725	5 720	15.59
5 725 ~ 5 850	5 720	5.49

Tested by: Min-Gu, Ji / Project Engineer



U-NII-2C, U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

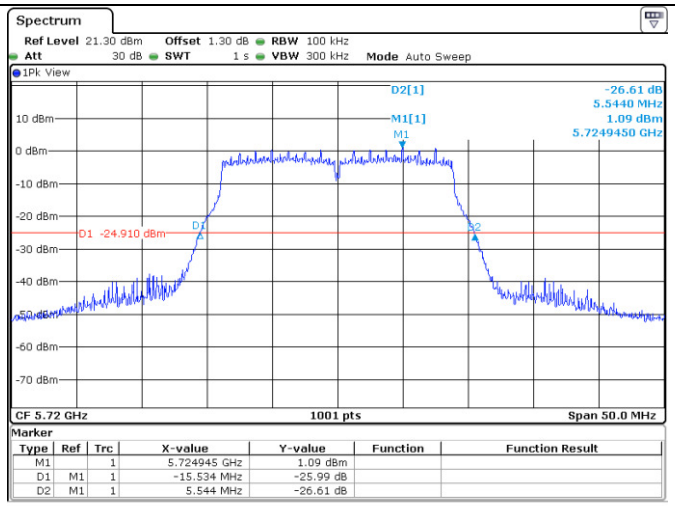
7.4.4.7 Test data for Staddle Channel_Antenna 2

-. Test Date : June 14, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 470 ~ 5 725	5 720	15.53
5 725 ~ 5 850	5 720	5.54

Tested by: Min-Gu, Ji / Project Engineer



U-NII-2C, U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

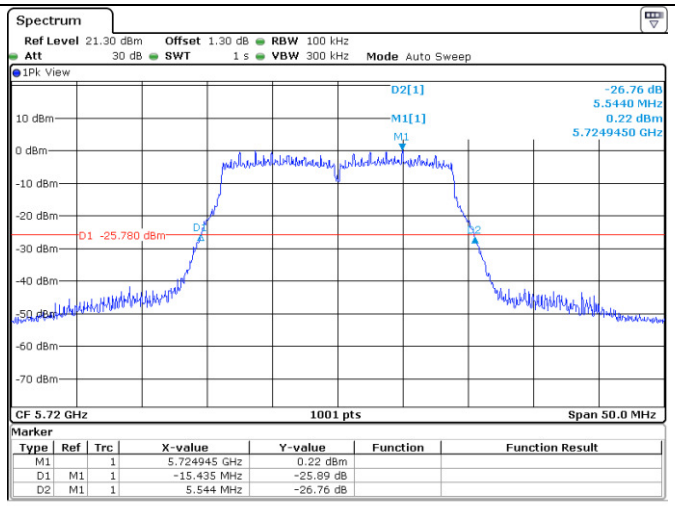
7.4.4.8 Test data for Staddle Channel_Antenna 3

-. Test Date : June 14, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 470 ~ 5 725	5 720	15.44
5 725 ~ 5 850	5 720	5.54

Tested by: Min-Gu, Ji / Project Engineer



U-NII-2C, U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

7.4.5 Test data for 802.11ac_VHT40 RLAN Mode

7.4.5.1 Test data for Antenna 0

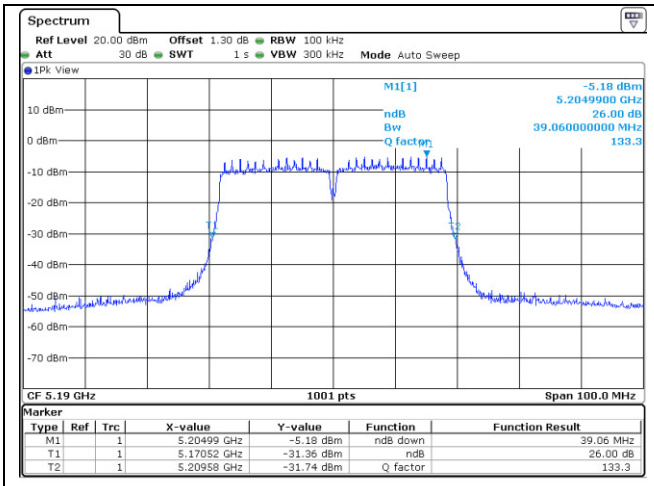
-. Test Date : June 14, 2016

-. Test Result : Pass

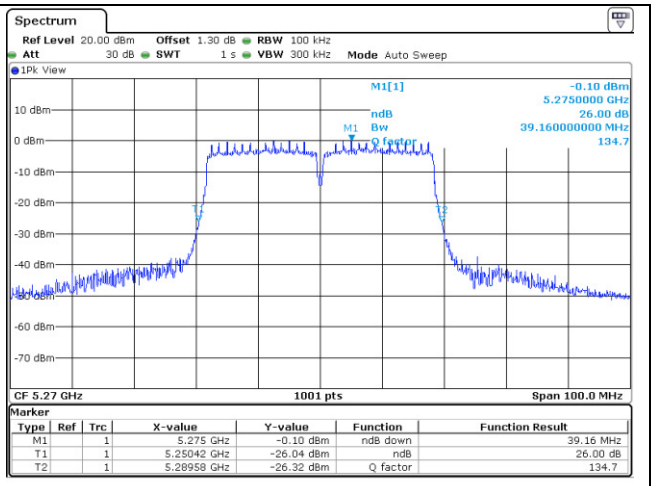
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
5 150 ~ 5 250	Low	5 190	39.06	36.16
	High	5 230	38.96	36.16
5 250 ~ 5 350	Low	5 270	39.16	36.16
	High	5 310	38.86	36.16
5 470 ~ 5 725	Low	5 510	39.16	36.16
	Middle	5 550	39.16	36.16
	High	5 710	39.06	36.16
5 725 ~ 5 850	Low	5 755	39.26	36.26
	High	5 795	39.06	36.16

Tested by: Min-Gu, Ji / Project Engineer

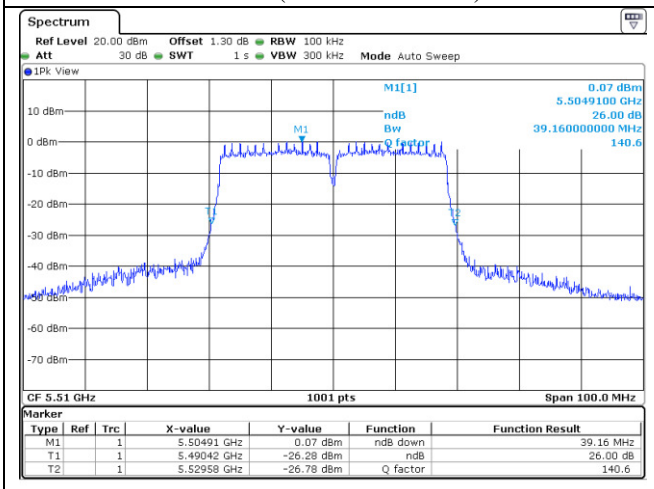
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



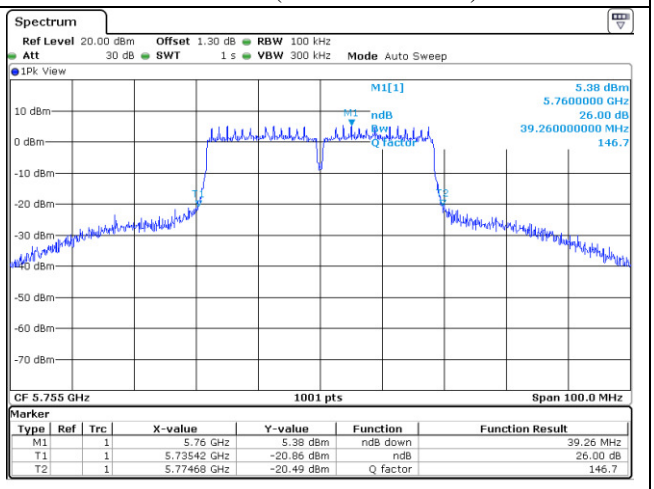
U-NII-1 (26 dB Bandwidth)



U-NII-2A (26 dB Bandwidth)



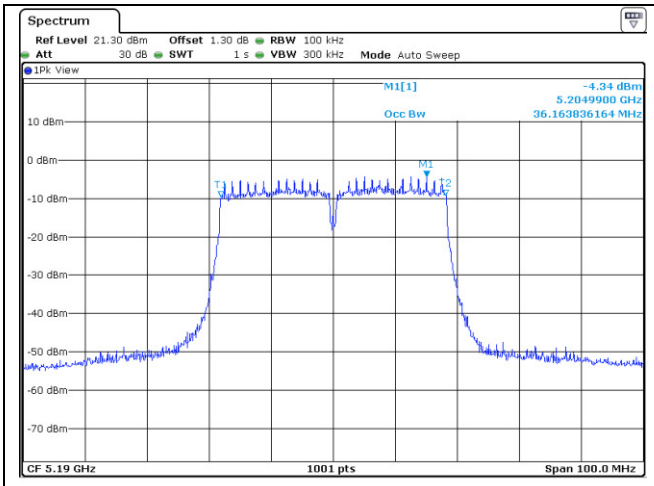
U-NII-2C (26 dB Bandwidth)



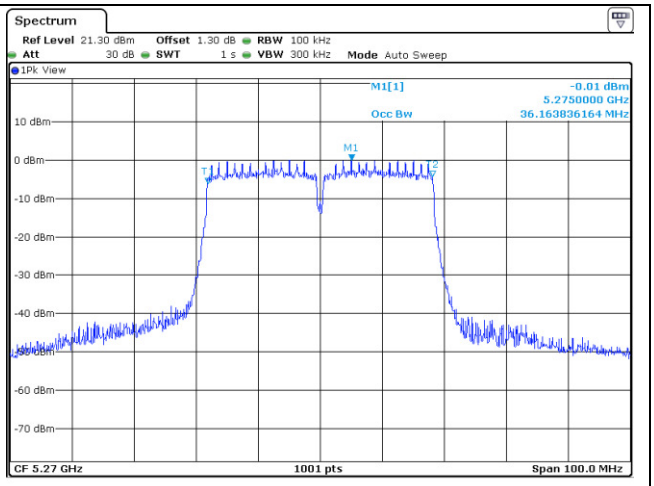
U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

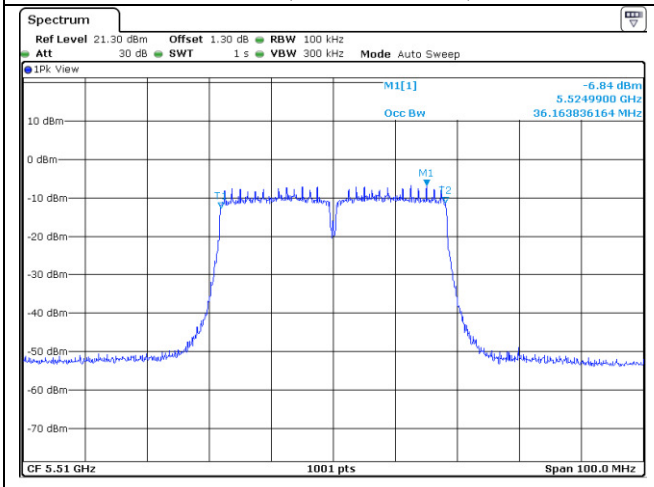
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



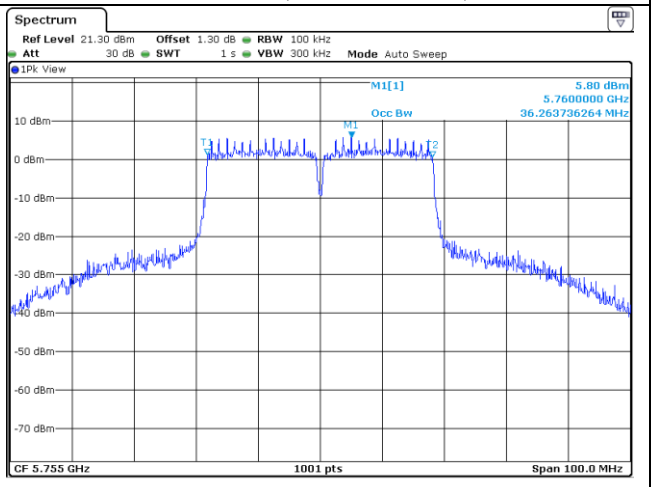
U-NII-1 (99 % bandwidth)



U-NII-2A (99 % bandwidth)



U-NII-2C (99 % bandwidth)



U-NII-3 (99 % bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

7.4.5.2 Test data for Antenna 1

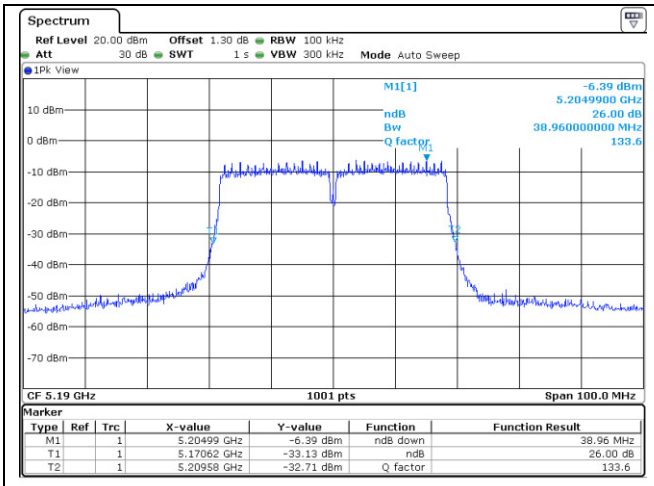
-. Test Date : June 14, 2016

-. Test Result : Pass

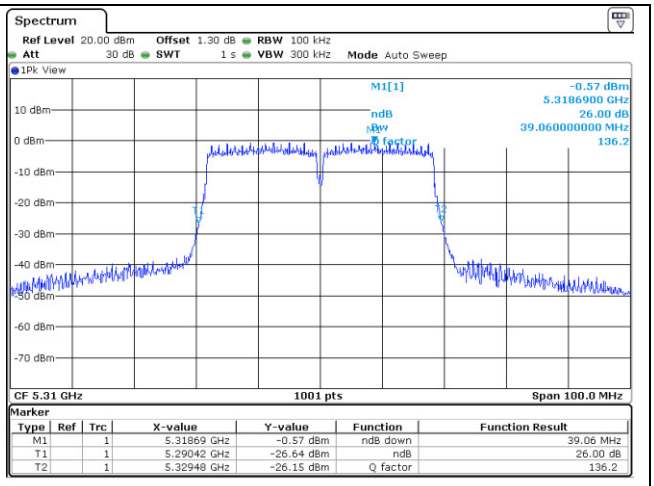
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
5 150 ~ 5 250	Low	5 190	38.96	36.16
	High	5 230	38.86	36.16
5 250 ~ 5 350	Low	5 270	38.96	36.16
	High	5 310	39.06	36.16
5 470 ~ 5 725	Low	5 510	39.06	36.16
	Middle	5 550	38.96	36.16
	High	5 710	38.96	36.26
5 725 ~ 5 850	Low	5 755	39.66	36.36
	High	5 795	38.96	36.16

Tested by: Min-Gu, Ji / Project Engineer

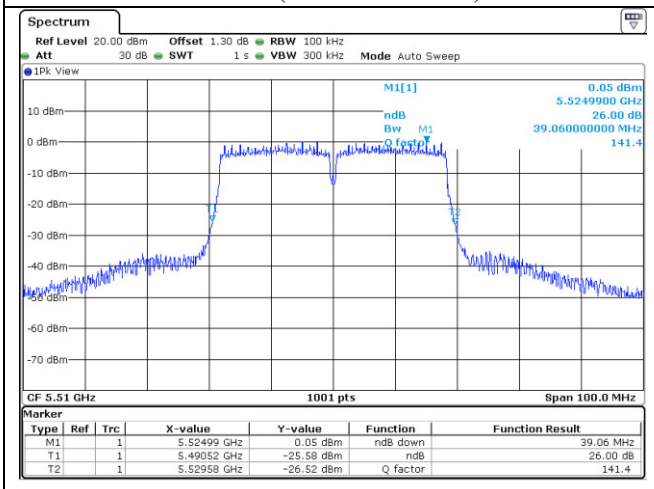
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



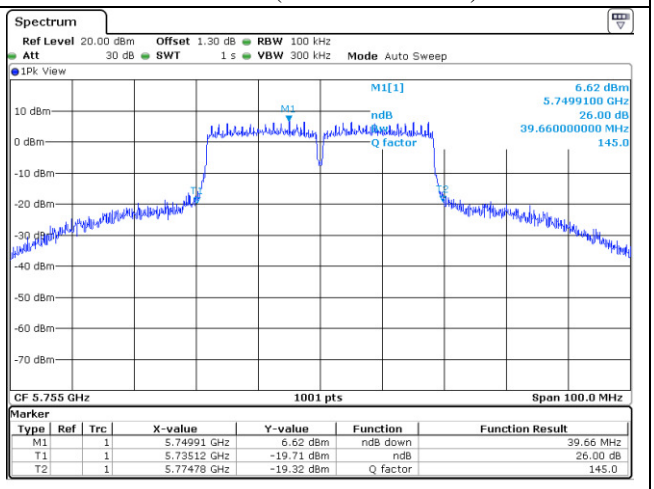
U-NII-1 (26 dB Bandwidth)



U-NII-2A (26 dB Bandwidth)



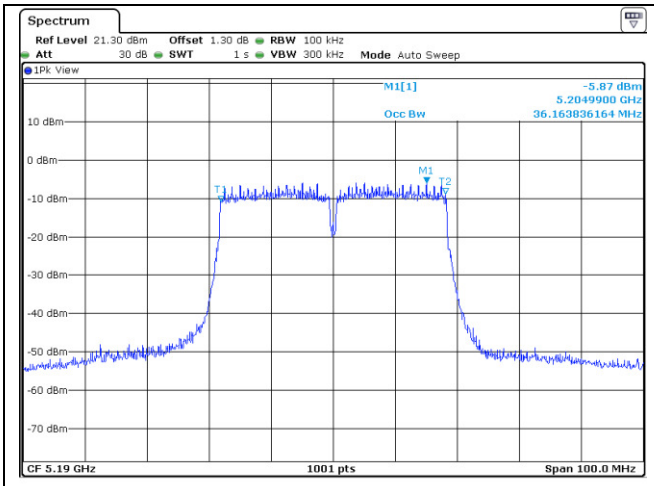
U-NII-2C (26 dB Bandwidth)



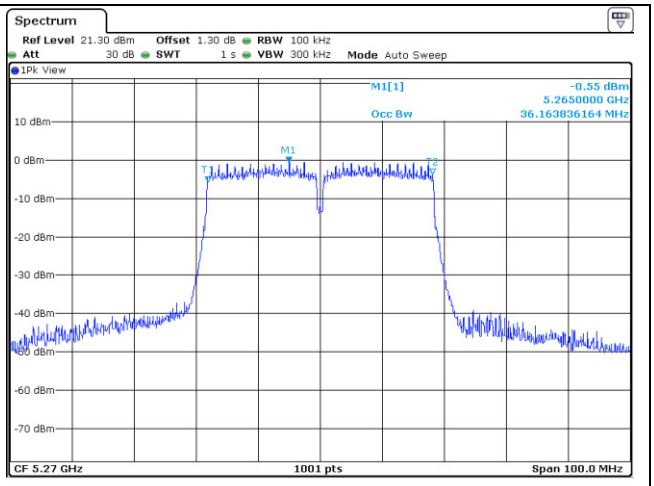
U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

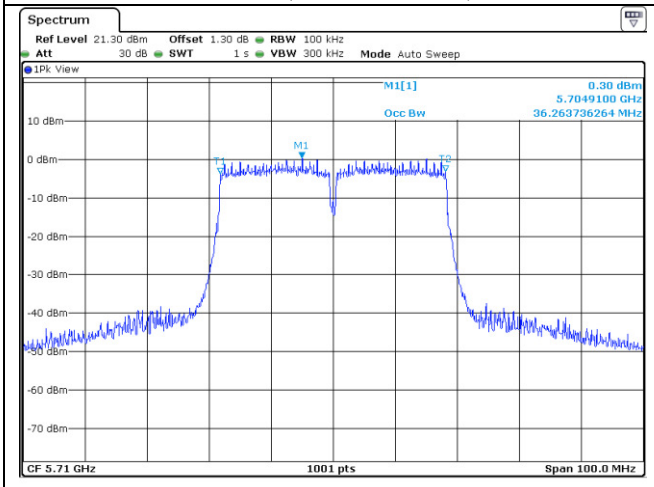
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



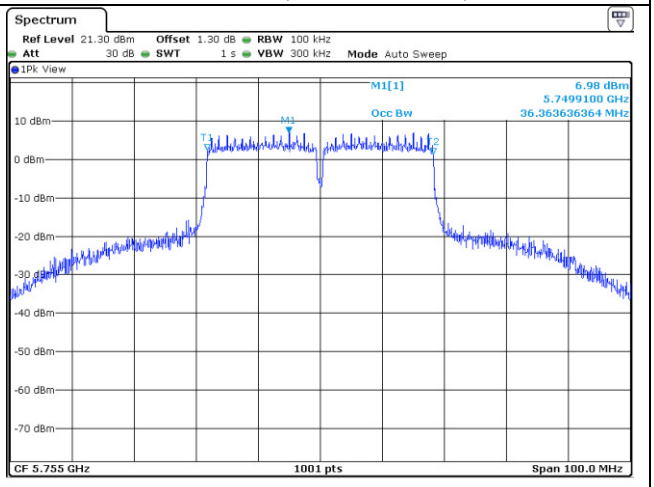
U-NII-1 (99 % bandwidth)



U-NII-2A (99 % bandwidth)



U-NII-2C (99 % bandwidth)



U-NII-3 (99 % bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

7.4.5.3 Test data for Antenna 2

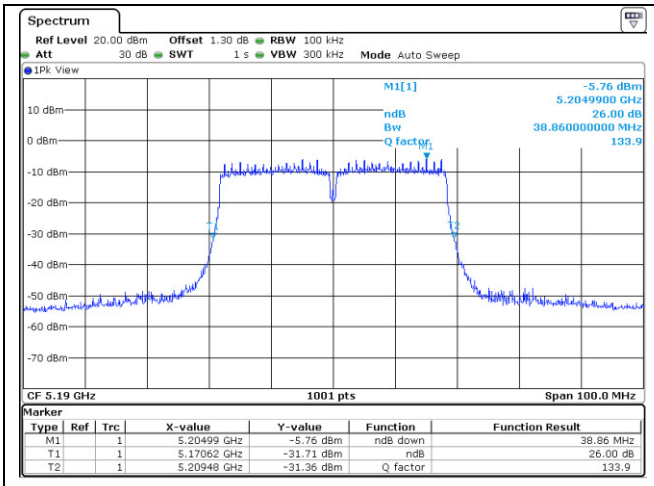
-. Test Date : June 14, 2016

-. Test Result : Pass

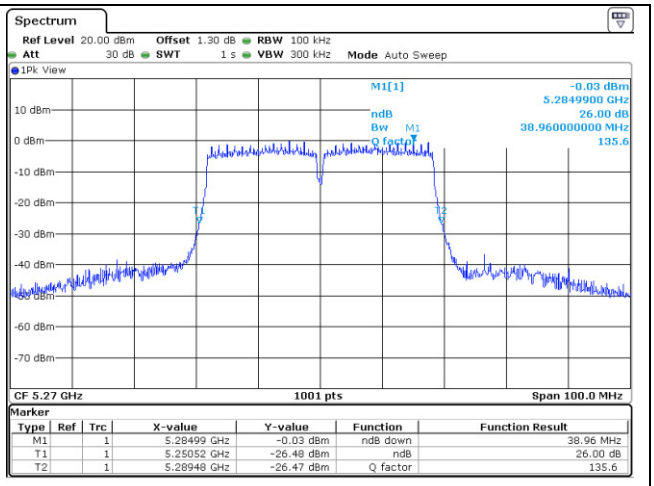
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
5 150 ~ 5 250	Low	5 190	38.86	36.16
	High	5 230	38.96	36.16
5 250 ~ 5 350	Low	5 270	38.96	36.16
	High	5 310	38.76	36.16
5 470 ~ 5 725	Low	5 510	38.96	36.16
	Middle	5 550	38.96	36.16
	High	5 710	39.06	36.26
5 725 ~ 5 850	Low	5 755	38.86	36.26
	High	5 795	38.96	36.16

Tested by: Min-Gu, Ji / Project Engineer

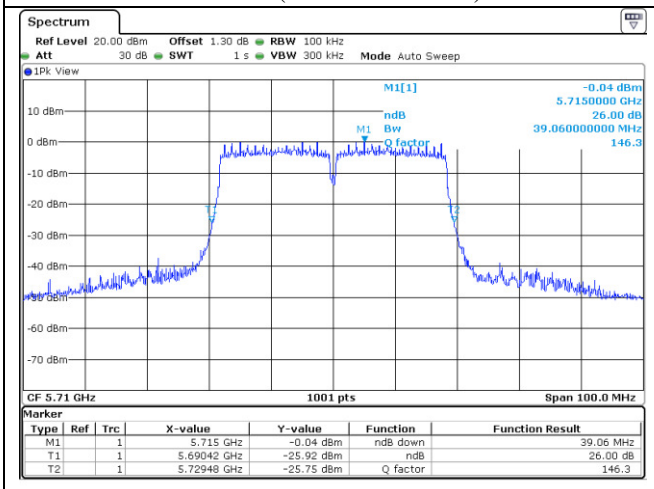
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



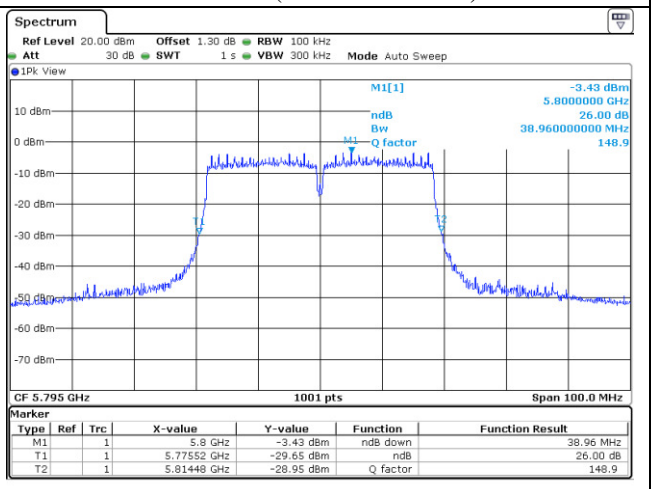
U-NII-1 (26 dB Bandwidth)



U-NII-2A (26 dB Bandwidth)



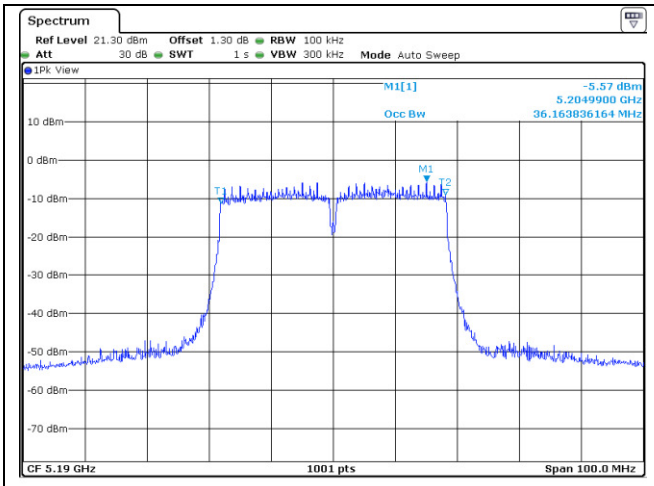
U-NII-2C (26 dB Bandwidth)



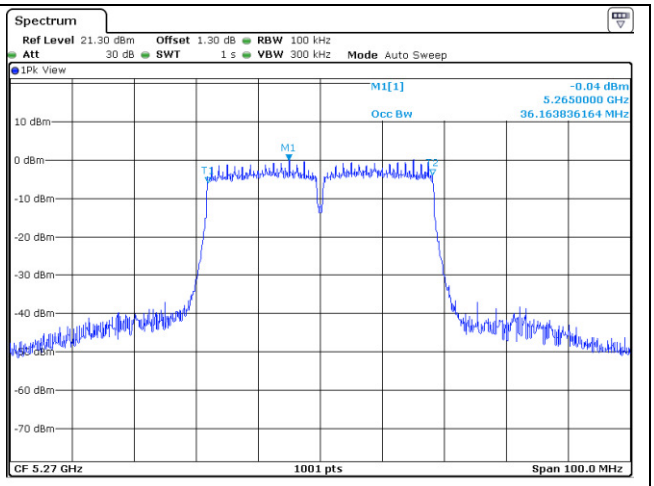
U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

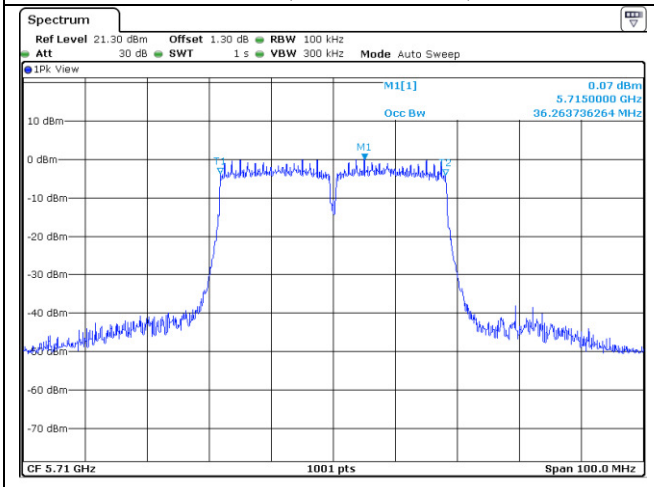
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



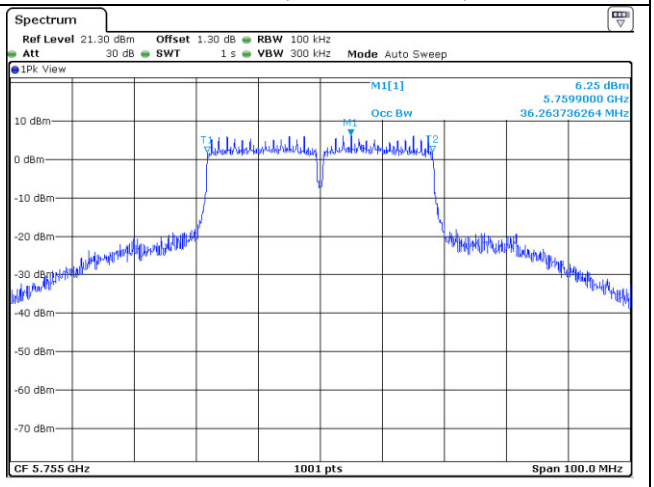
U-NII-1 (99 % bandwidth)



U-NII-2A (99 % bandwidth)



U-NII-2C (99 % bandwidth)



U-NII-3 (99 % bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

7.4.5.4 Test data for Antenna 3

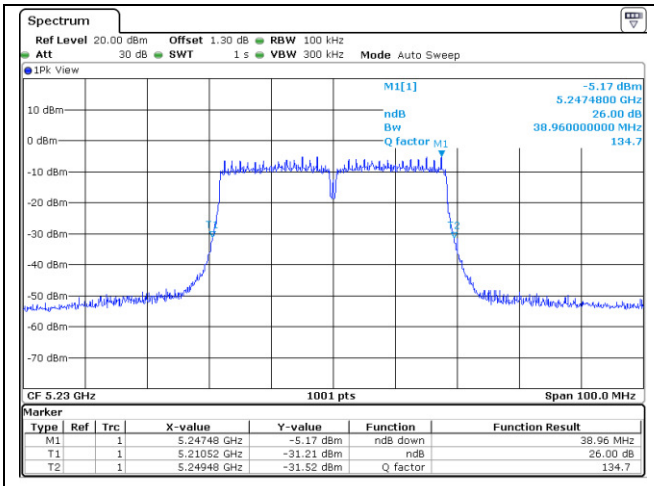
-. Test Date : June 14, 2016

-. Test Result : Pass

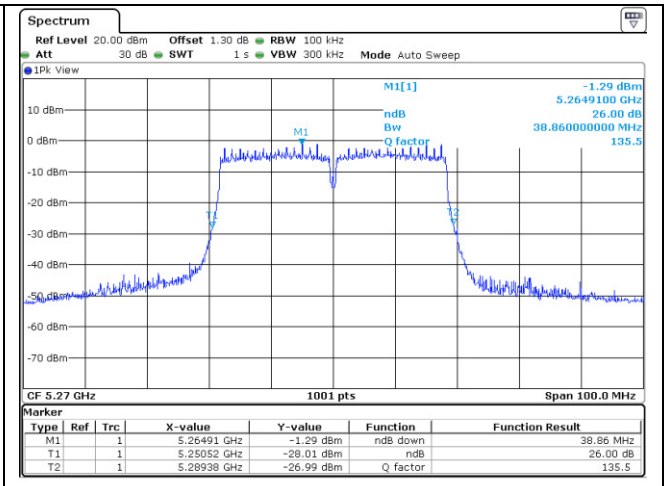
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
5 150 ~ 5 250	Low	5 190	38.86	36.16
	High	5 230	38.96	36.16
5 250 ~ 5 350	Low	5 270	38.86	36.16
	High	5 310	38.86	36.16
5 470 ~ 5 725	Low	5 510	38.86	36.16
	Middle	5 550	38.96	36.16
	High	5 710	38.96	36.16
5 725 ~ 5 850	Low	5 755	39.46	36.26
	High	5 795	38.86	36.16

Tested by: Min-Gu, Ji / Project Engineer

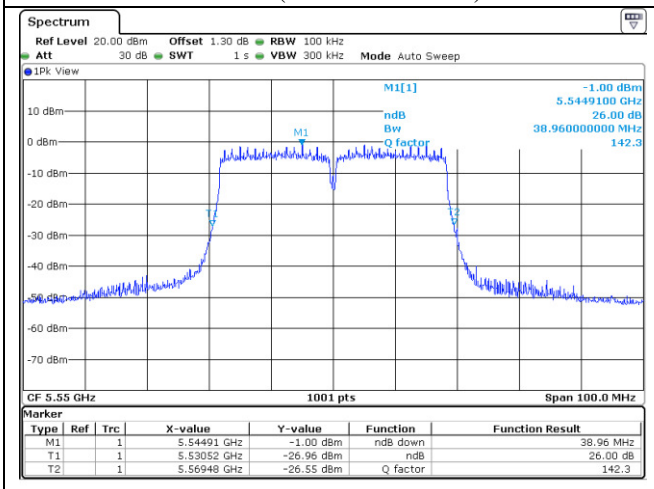
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



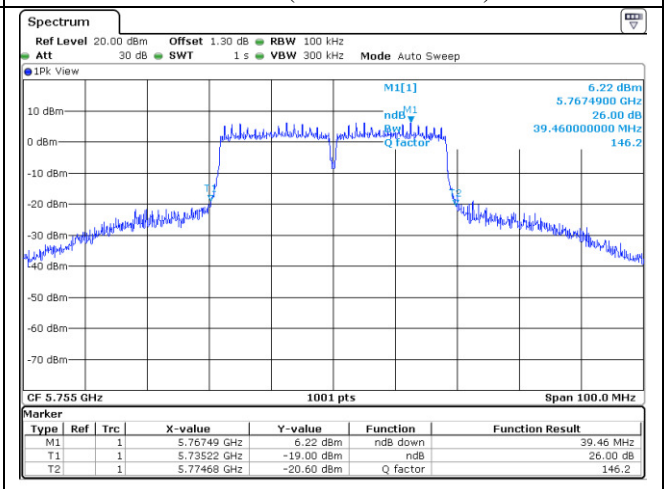
U-NII-1 (26 dB Bandwidth)



U-NII-2A (26 dB Bandwidth)



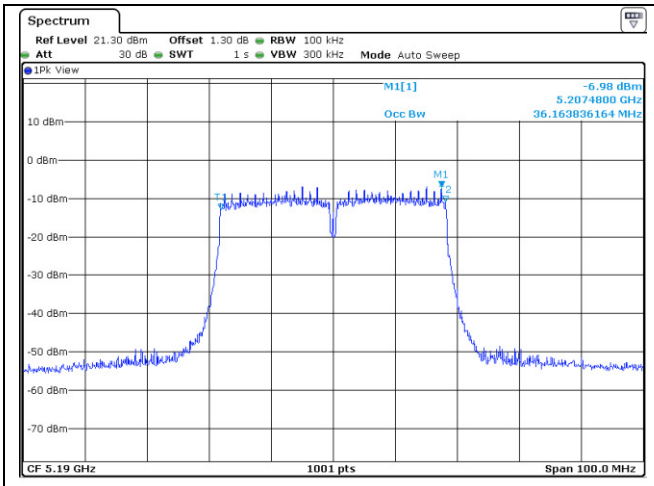
U-NII-2C (26 dB Bandwidth)



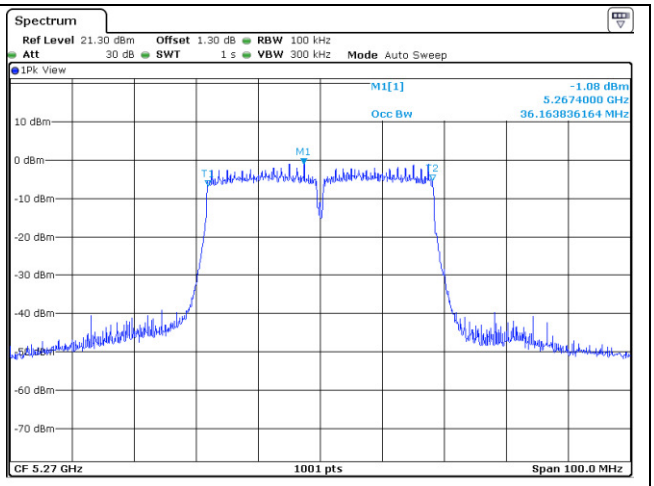
U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

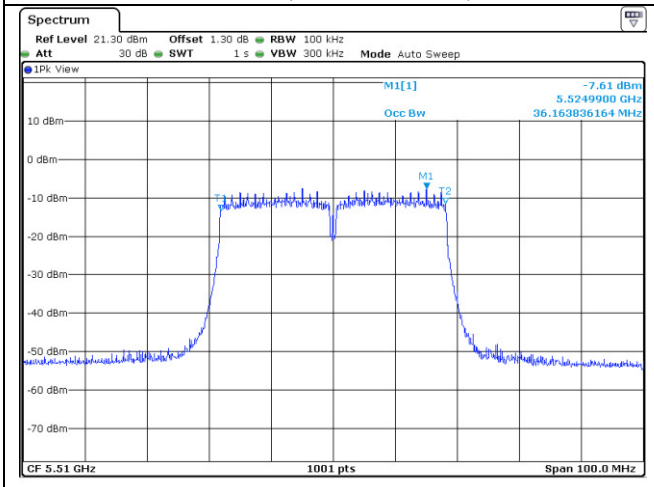
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



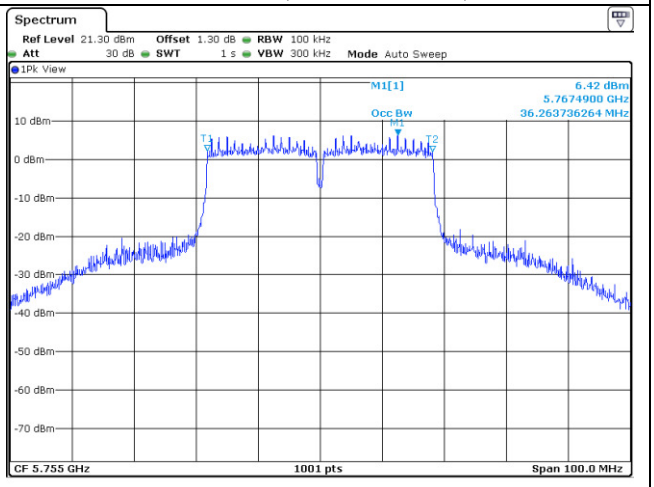
U-NII-1 (99 % bandwidth)



U-NII-2A (99 % bandwidth)



U-NII-2C (99 % bandwidth)



U-NII-3 (99 % bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

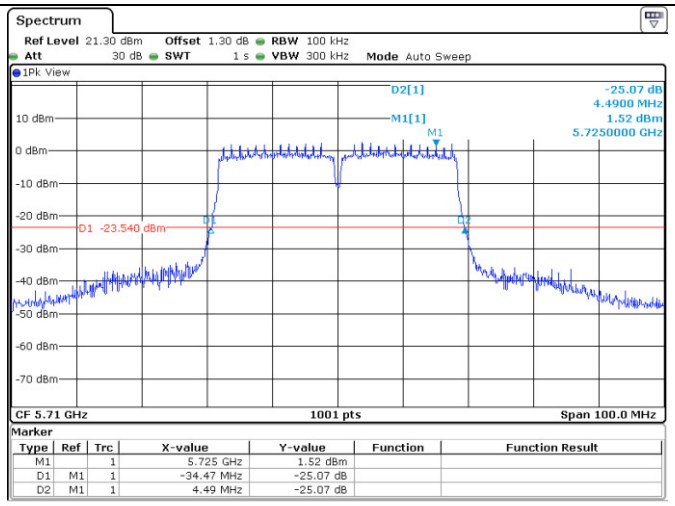
7.4.5.5 Test data for Staddle Channel_Antenna 0

-. Test Date : June 14, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 470 ~ 5 725	5 710	34.47
5 725 ~ 5 850	5 710	4.49

Tested by: Min-Gu, Ji / Project Engineer



U-NII-2C, U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

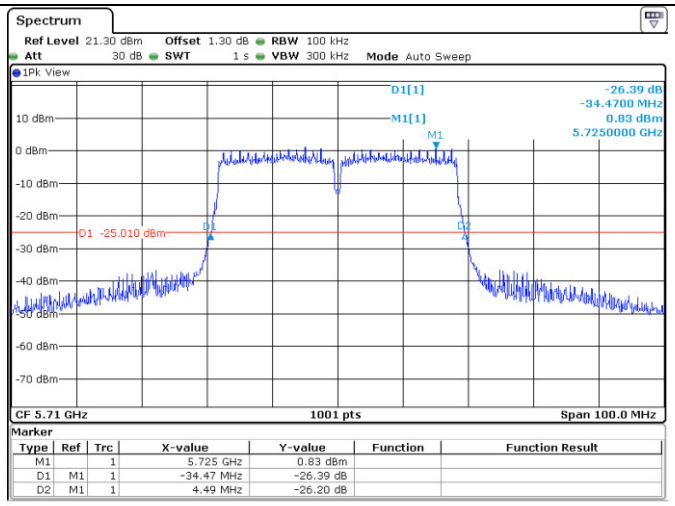
7.4.5.6 Test data for Staddle Channel_Antenna 1

-. Test Date : June 14, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 470 ~ 5 725	5 710	34.47
5 725 ~ 5 850	5 710	4.49

Tested by: Min-Gu, Ji / Project Engineer



U-NII-2C, U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

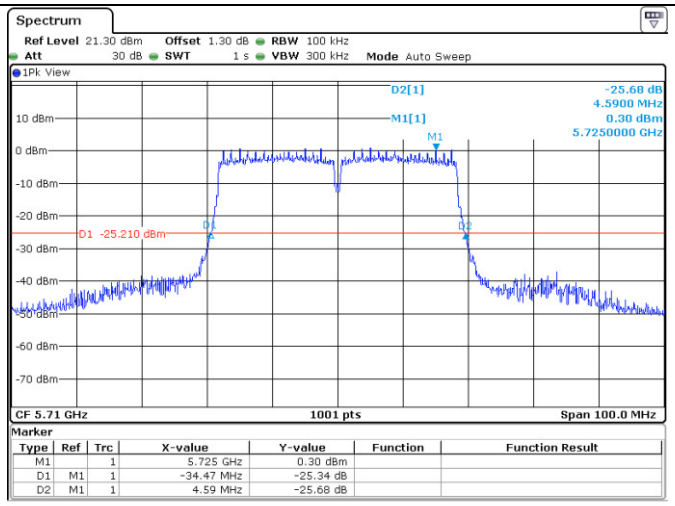
7.4.5.7 Test data for Staddle Channel_Antenna 2

-. Test Date : June 14, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 470 ~ 5 725	5 710	34.47
5 725 ~ 5 850	5 710	4.59

Tested by: Min-Gu, Ji / Project Engineer



U-NII-2C, U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

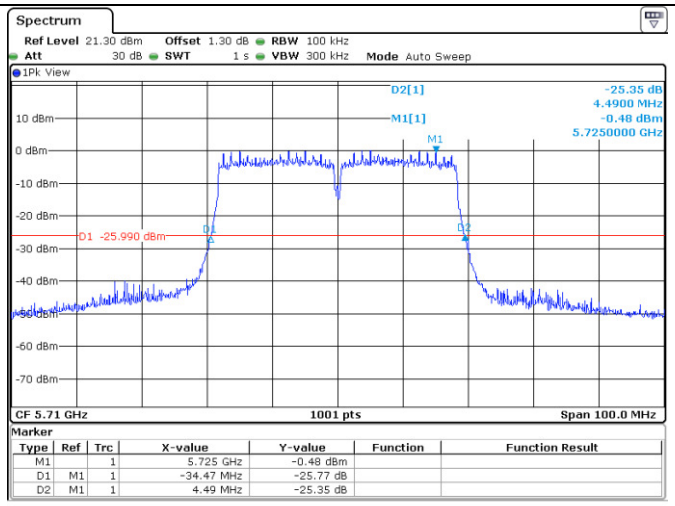
7.4.5.8 Test data for Staddle Channel_Antenna 3

-. Test Date : June 14, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 470 ~ 5 725	5 710	34.47
5 725 ~ 5 850	5 710	4.49

Tested by: Min-Gu, Ji / Project Engineer



U-NII-2C, U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

7.4.6 Test data for 802.11ac_VHT80 RLAN Mode

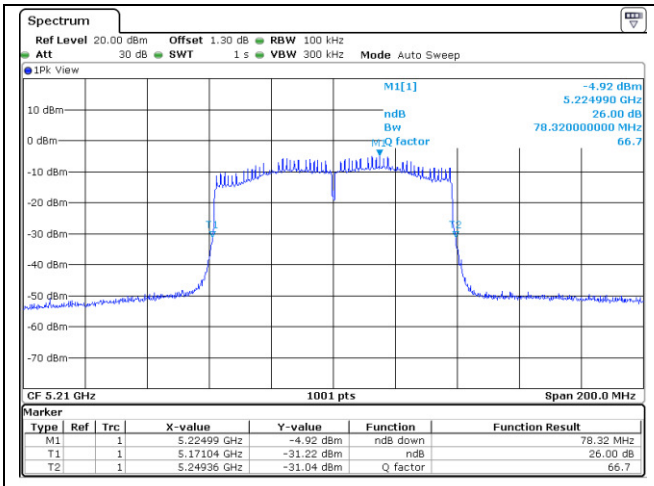
7.4.6.1 Test data for Antenna 0

-. Test Date : June 14, 2016

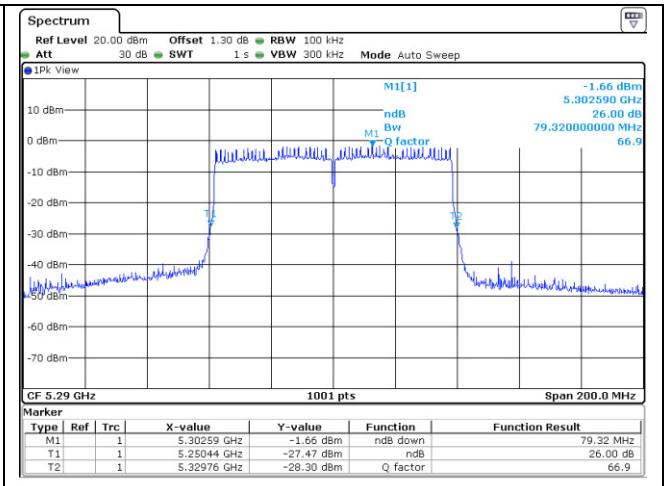
-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
5 150 ~ 5 250	Low	5 210	78.32	74.93
5 250 ~ 5 350	Low	5 290	79.32	75.52
5 470 ~ 5 725	Low	5 530	79.52	75.52
5 725 ~ 5 850	Low	5 775	79.52	75.52

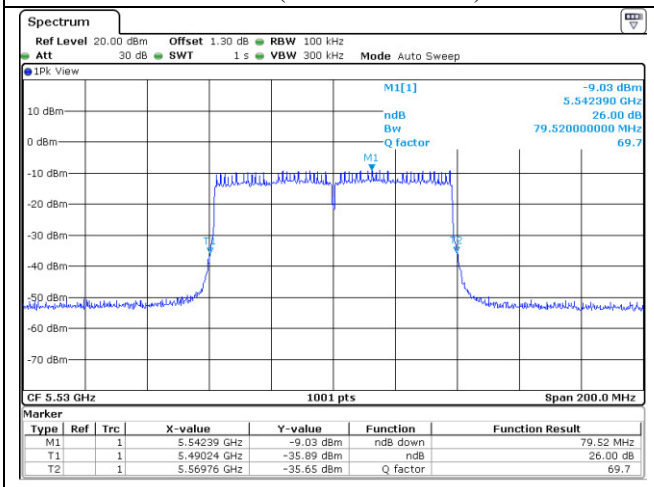
Tested by: Min-Gu, Ji / Project Engineer



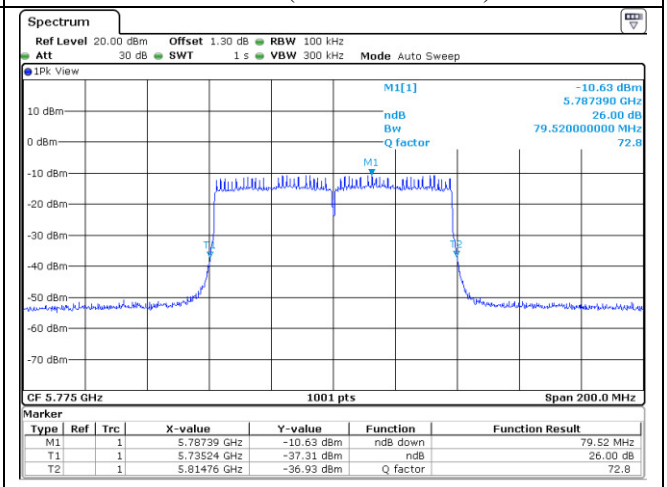
U-NII-1 (26 dB Bandwidth)



U-NII-2A (26 dB Bandwidth)



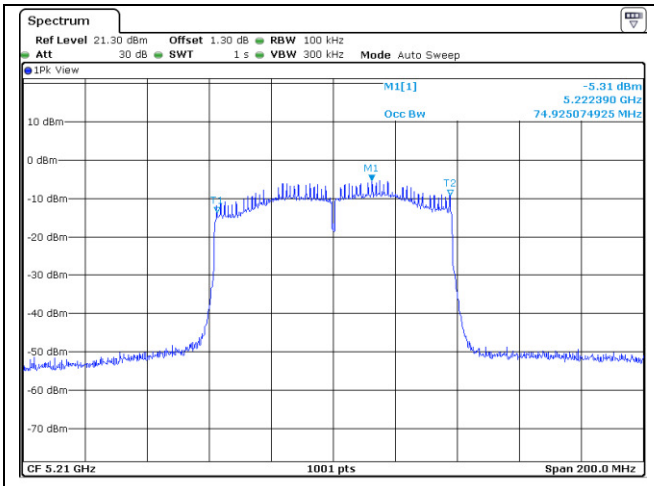
U-NII-2C (26 dB Bandwidth)



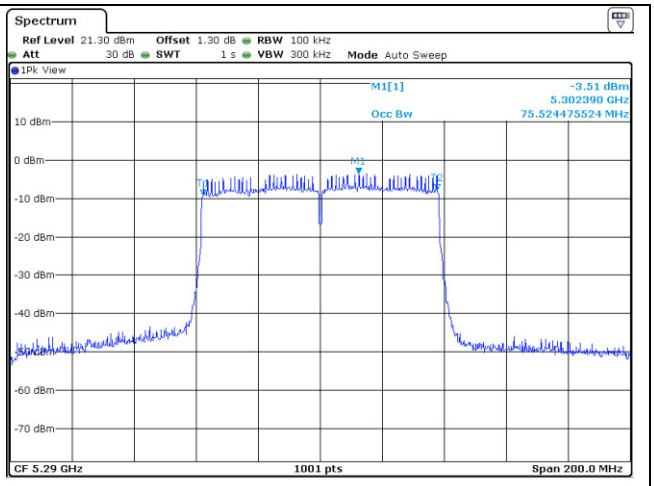
U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

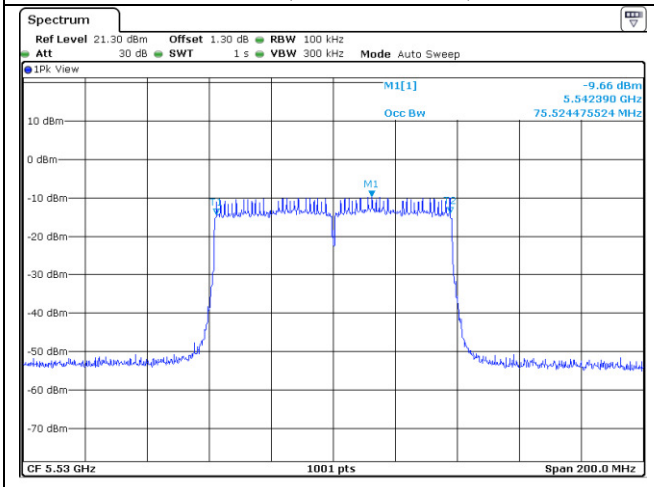
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



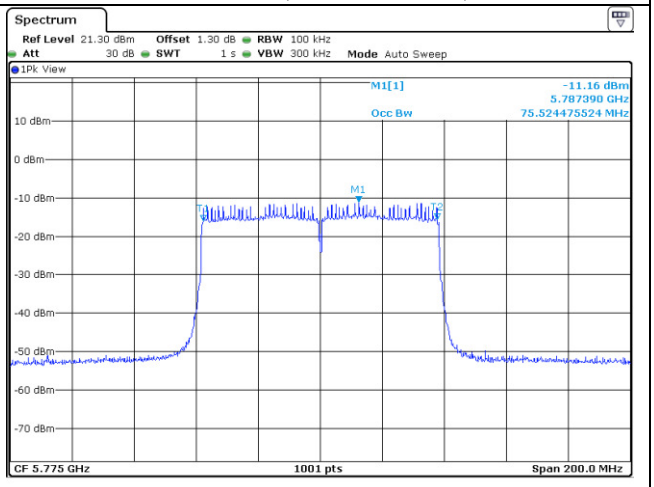
U-NII-1 (99 % bandwidth)



U-NII-2A (99 % bandwidth)



U-NII-2C (99 % bandwidth)



U-NII-3 (99 % bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

7.4.6.2 Test data for Antenna 1

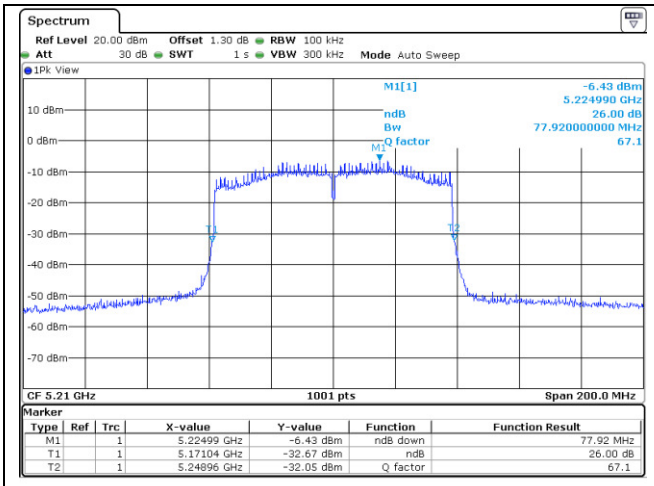
-. Test Date : June 14, 2016

-. Test Result : Pass

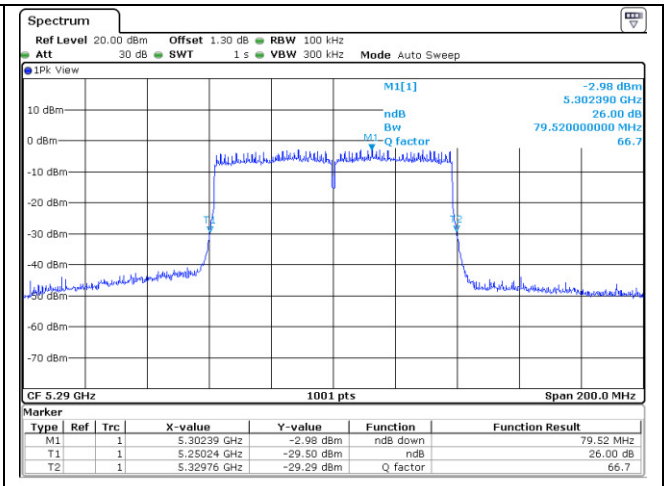
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
5 150 ~ 5 250	Low	5 210	77.92	74.93
5 250 ~ 5 350	Low	5 290	79.52	75..52
5 470 ~ 5 725	Low	5 530	79.12	75.72
5 725 ~ 5 850	Low	5 775	79.32	75.52

Tested by: Min-Gu, Ji / Project Engineer

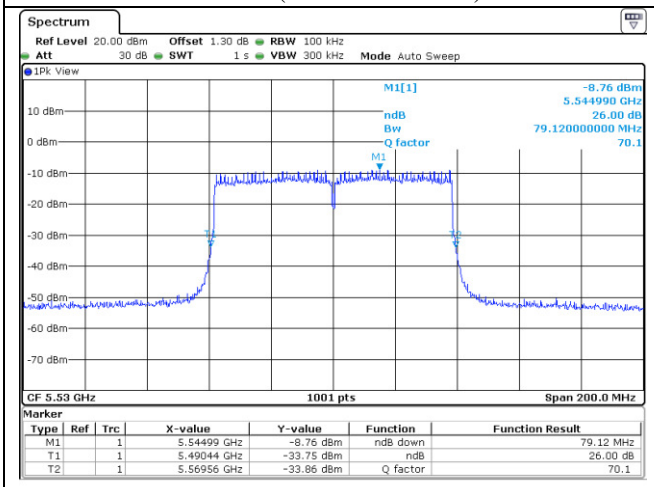
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



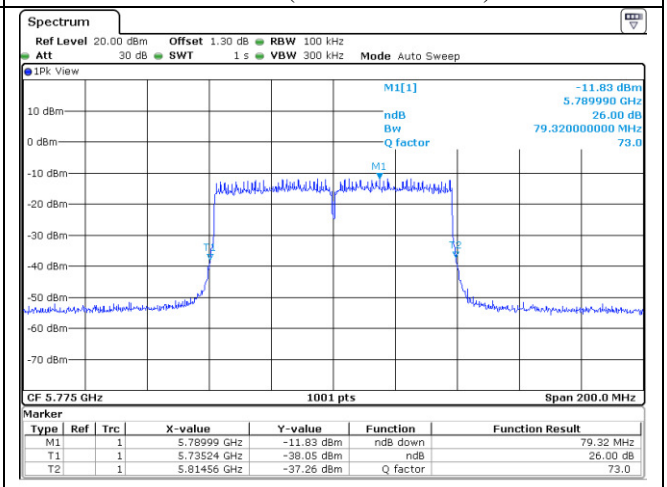
U-NII-1 (26 dB Bandwidth)



U-NII-2A (26 dB Bandwidth)



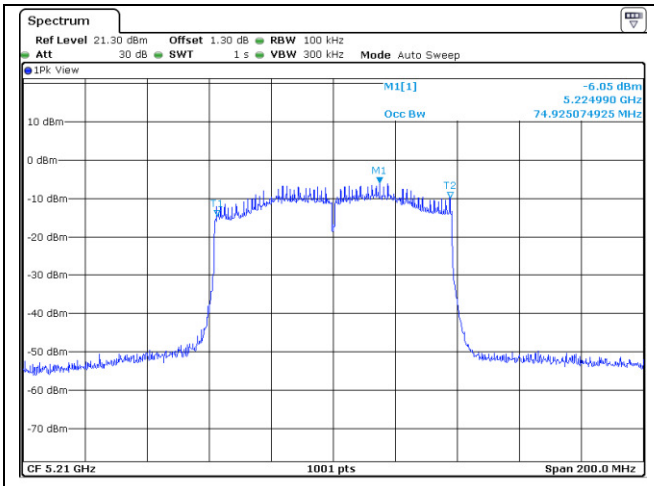
U-NII-2C (26 dB Bandwidth)



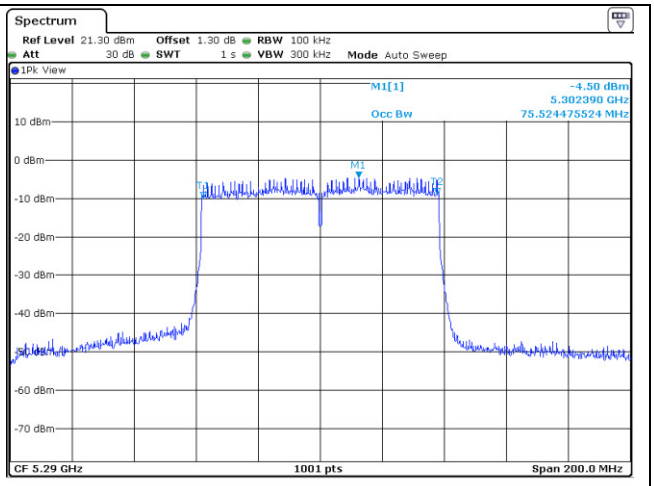
U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

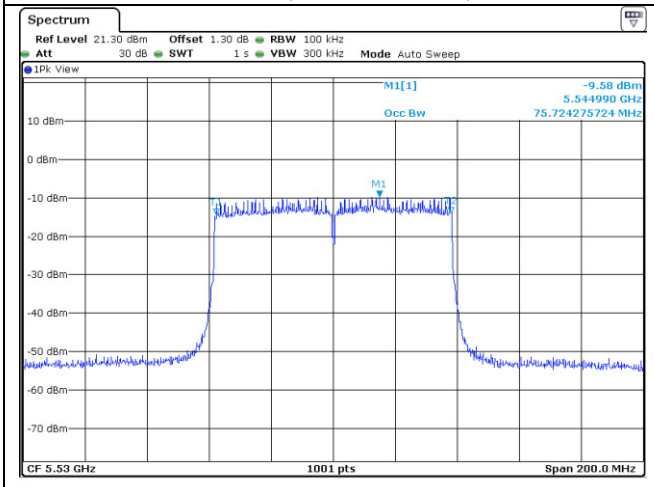
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



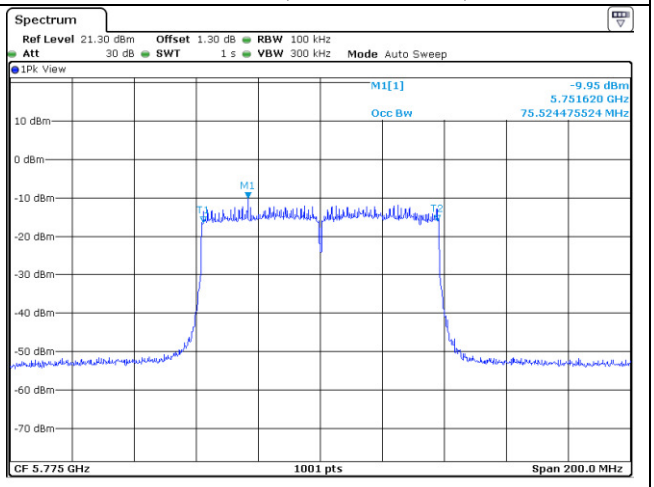
U-NII-1 (99 % bandwidth)



U-NII-2A (99 % bandwidth)



U-NII-2C (99 % bandwidth)



U-NII-3 (99 % bandwidth)

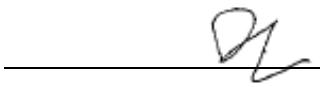
Note: In order to simplify the report, attached plots were only the most wide channel.

7.4.6.3 Test data for Antenna 2

-. Test Date : June 14, 2016

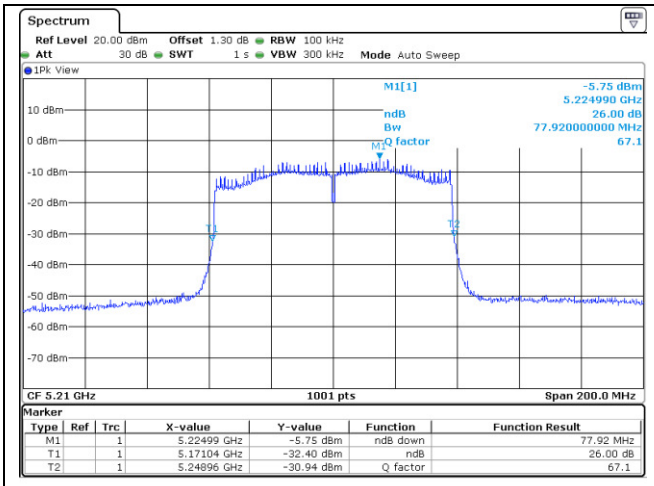
-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
5 150 ~ 5 250	Low	5 210	77.92	74.93
5 250 ~ 5 350	Low	5 290	78.92	75.52
5 470 ~ 5 725	Low	5 530	79.32	75.52
5 725 ~ 5 850	Low	5 775	79.12	75.52

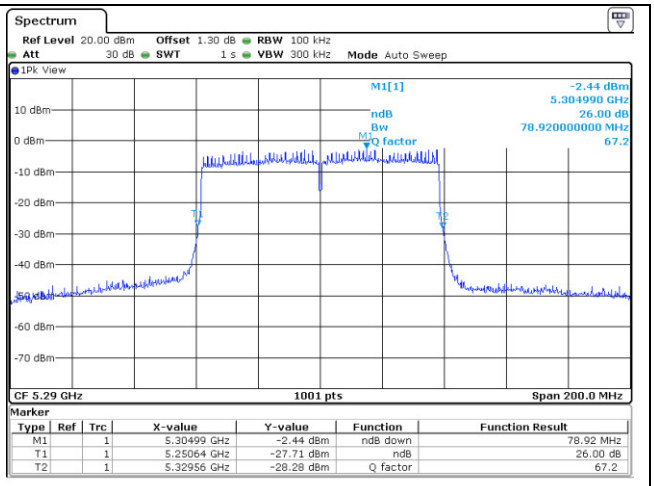


Tested by: Min-Gu, Ji / Project Engineer

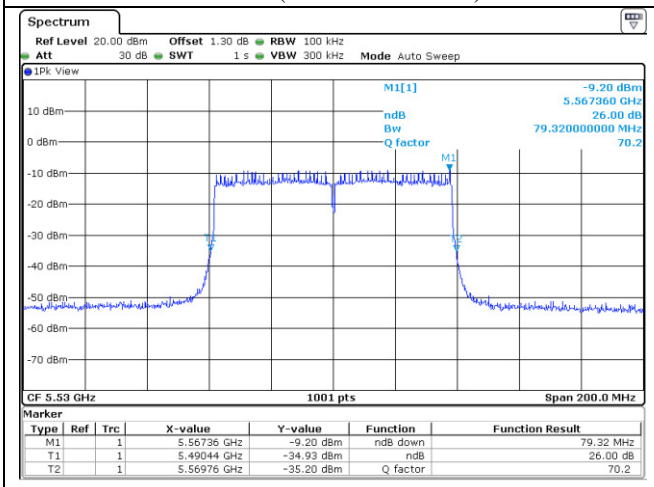
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



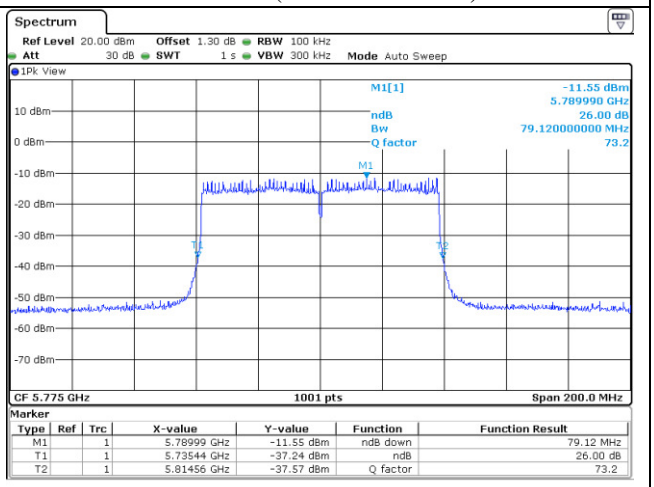
U-NII-1 (26 dB Bandwidth)



U-NII-2A (26 dB Bandwidth)



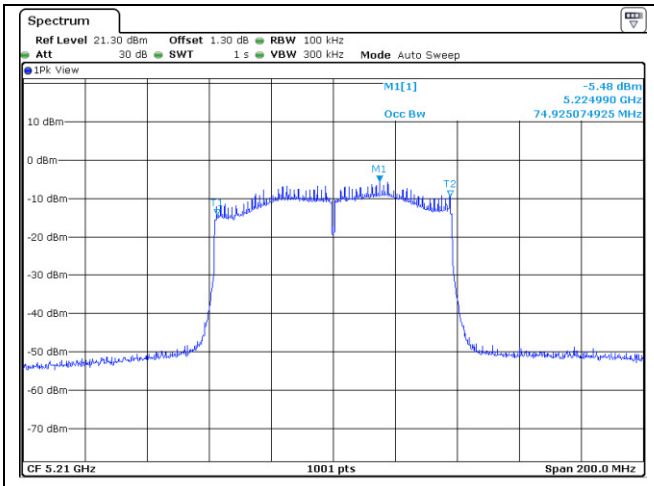
U-NII-2C (26 dB Bandwidth)



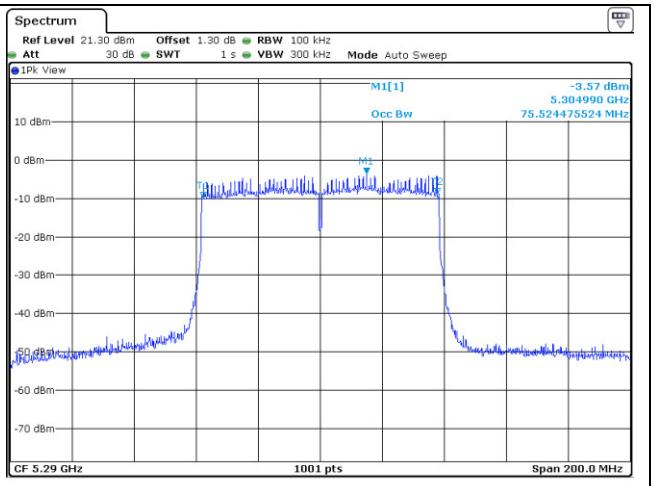
U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

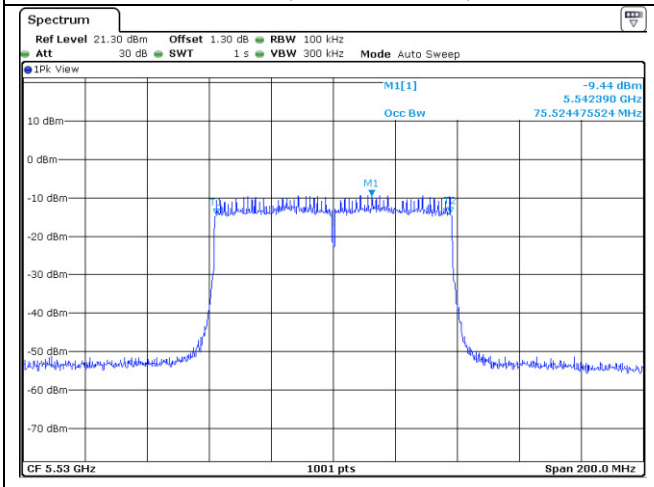
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



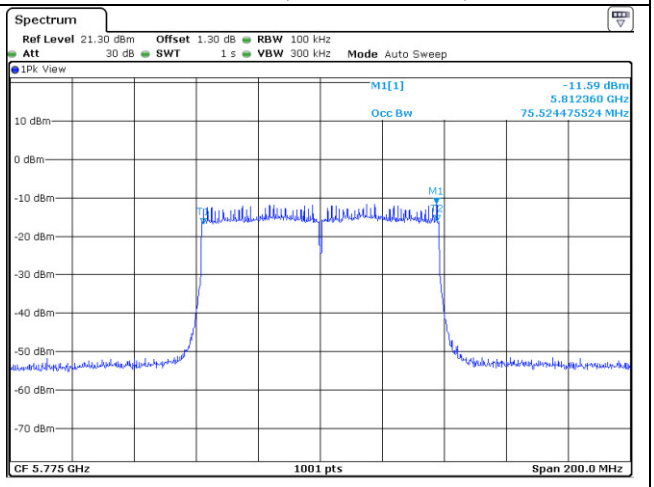
U-NII-1 (99 % bandwidth)



U-NII-2A (99 % bandwidth)



U-NII-2C (99 % bandwidth)



U-NII-3 (99 % bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

7.4.6.4 Test data for Antenna 3

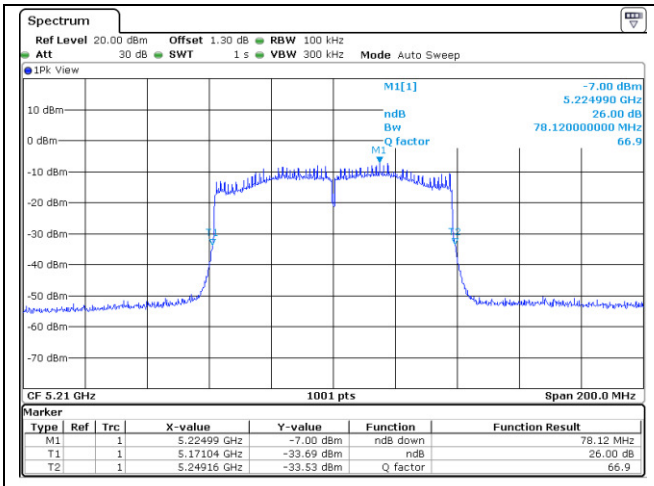
-. Test Date : June 14, 2016

-. Test Result : Pass

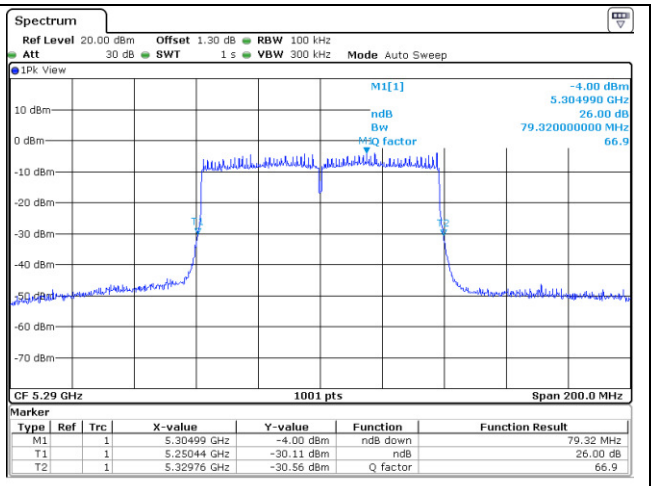
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
5 150 ~ 5 250	Low	5 210	78.12	74.93
5 250 ~ 5 350	Low	5 290	79.32	75.52
5 470 ~ 5 725	Low	5 530	79.12	75.52
5 725 ~ 5 850	Low	5 775	79.12	75.52

Tested by: Min-Gu, Ji / Project Engineer

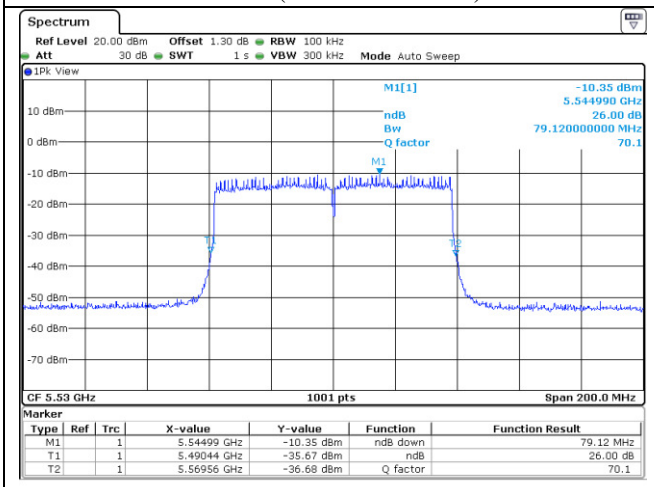
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



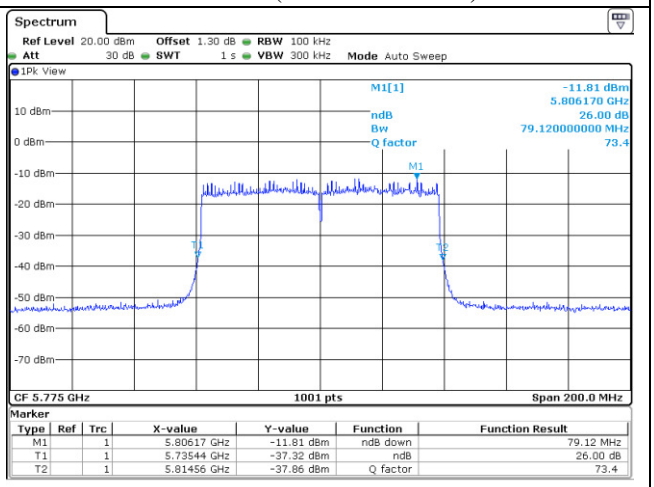
U-NII-1 (26 dB Bandwidth)



U-NII-2A (26 dB Bandwidth)



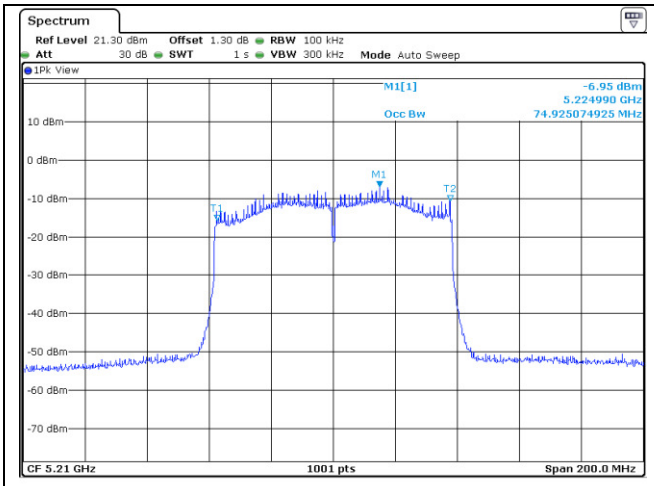
U-NII-2C (26 dB Bandwidth)



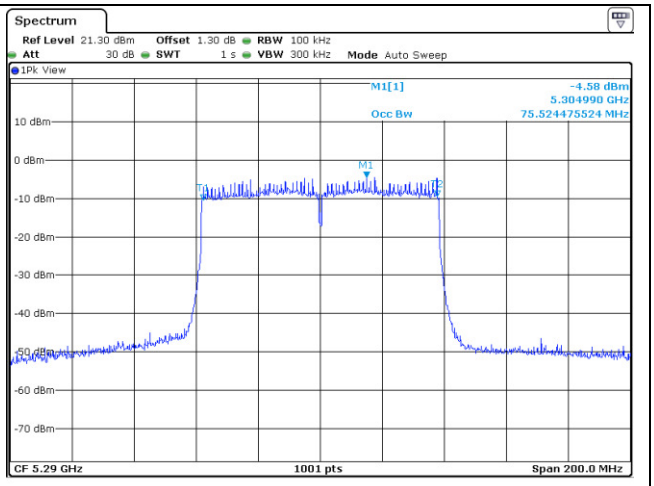
U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

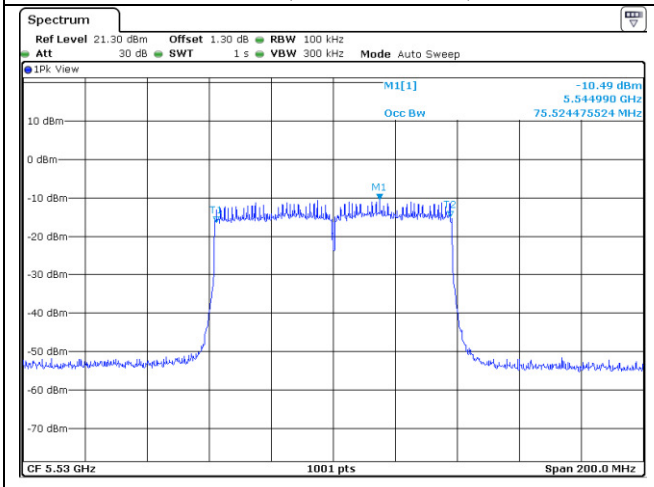
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



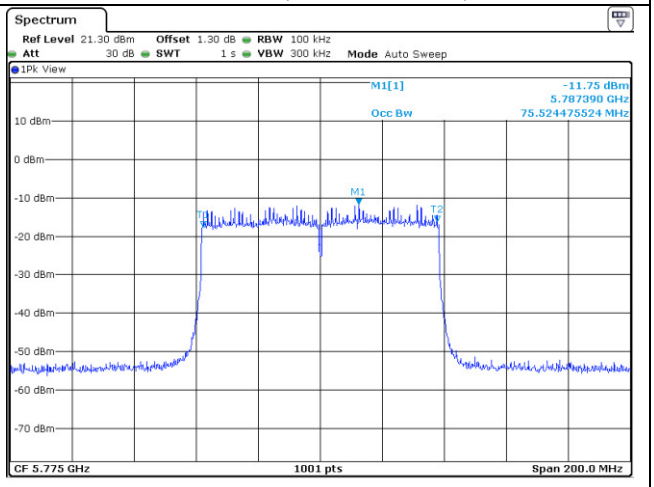
U-NII-1 (99 % bandwidth)



U-NII-2A (99 % bandwidth)



U-NII-2C (99 % bandwidth)



U-NII-3 (99 % bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

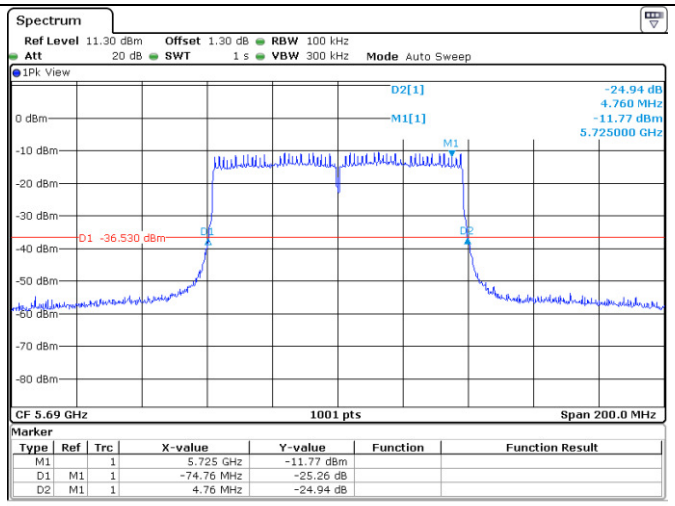
7.4.6.5 Test data for Staddle Channel_Antenna 0

-. Test Date : June 14, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 470 ~ 5 725	5 690	74.76
5 725 ~ 5 850	5 690	4.76

Tested by: Min-Gu, Ji / Project Engineer



U-NII-2C, U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

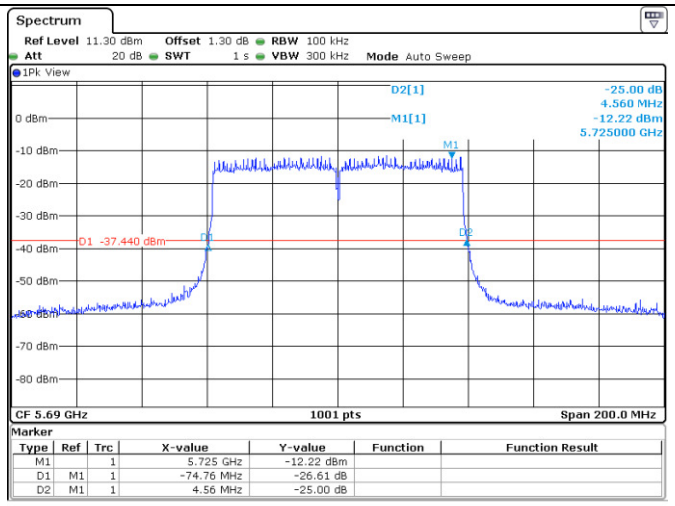
7.4.6.6 Test data for Staddle Channel_Antenna 1

-. Test Date : June 14, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 470 ~ 5 725	5 690	74.76
5 725 ~ 5 850	5 690	4.56

Tested by: Min-Gu, Ji / Project Engineer



U-NII-2C, U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

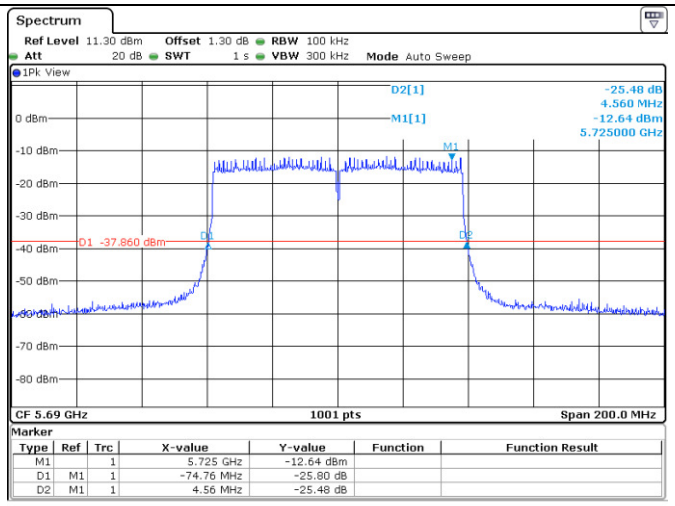
7.4.6.7 Test data for Staddle Channel_Antenna 2

-. Test Date : June 14, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 470 ~ 5 725	5 690	74.76
5 725 ~ 5 850	5 690	4.56

Tested by: Min-Gu, Ji / Project Engineer



U-NII-2C, U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

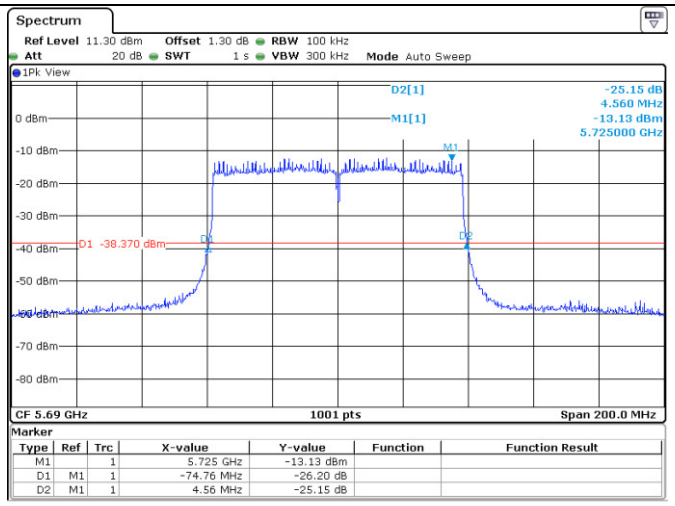
7.4.6.8 Test data for Staddle Channel_Antenna 3

-. Test Date : June 14, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 470 ~ 5 725	5 690	74.76
5 725 ~ 5 850	5 690	4.56

Tested by: Min-Gu, Ji / Project Engineer



U-NII-2C, U-NII-3 (26 dB Bandwidth)

Note: In order to simplify the report, attached plots were only the most wide channel.

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8. 6 dB BANDWIDTH

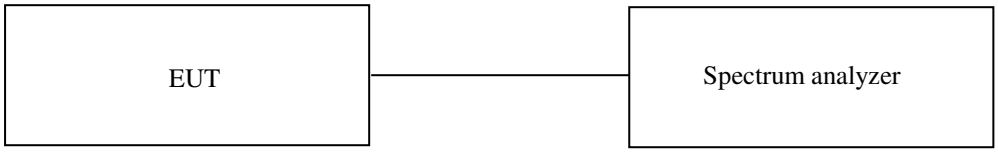
8.1 Operating environment

Temperature : 23 °C

Relative humidity : 45 % R.H.

8.2 Test set-up

The antenna output of the EUT was connected to the spectrum analyzer. The resolution bandwidth is set to 100 kHz, and peak detection was used. The 6 dB bandwidth is defined as the total spectrum over which the power is higher than the peak power minus 6 dB.



8.3 Test equipment used

	Model Number	Manufacturer	Description	Serial Number	Last Cal.
■ -	FSV30	Rohde & Schwarz	Signal Analyzer	101199	May. 04, 2016 (1Y)

All test equipment used is calibrated on a regular basis.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

8.4 Test data for Service Port

8.4.1 Test data for 802.11a RLAN Mode

8.4.1.1 Test data for Antenna 0

-. Test Date : June 20, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 745	16.38
	Middle	5 785	16.33
	High	5 825	16.33

8.4.1.2 Test data for Antenna 1

-. Test Date : June 20, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 745	16.38
	Middle	5 785	16.38
	High	5 825	15.78

8.4.1.3 Test data for Antenna 2

-. Test Date : June 20, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 745	16.38
	Middle	5 785	16.38
	High	5 825	16.28

8.4.1.4 Test data for Antenna 3

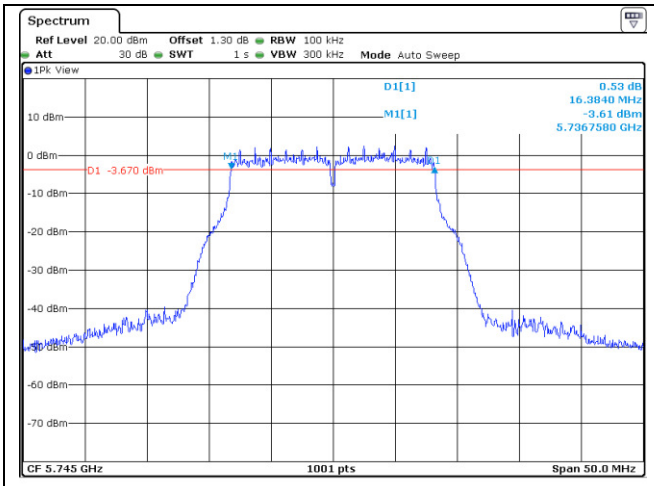
-. Test Date : June 20, 2016

-. Test Result : Pass

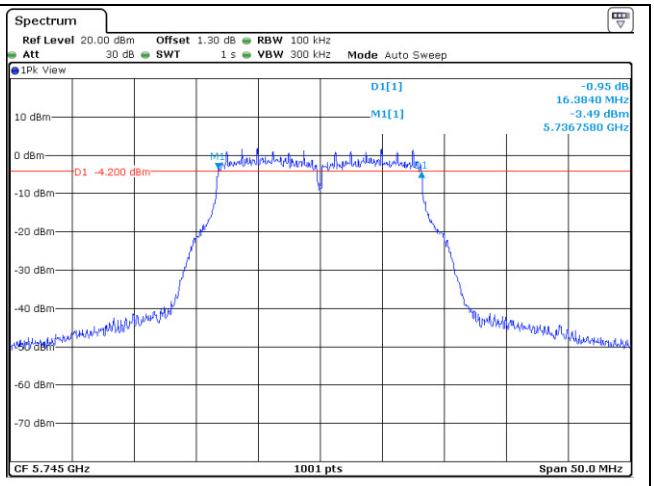
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 745	16.38
	Middle	5 785	16.38
	High	5 825	16.38

Tested by: Min-Gu, Ji / Project Engineer

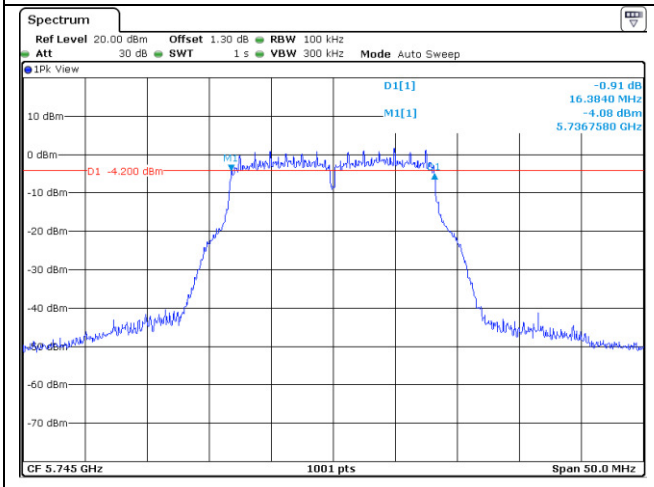
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



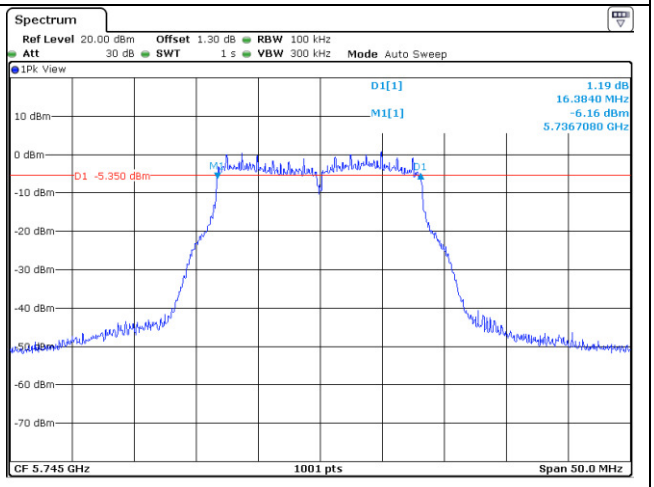
Ant 0



Ant 1



Ant 2



Ant 3

Note: In order to simplify the report, attached plots were only the most wide channel.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

8.4.2 Test data for 802.11n_HT20 RLAN Mode

8.4.2.1 Test data for Antenna 0

-. Test Date : June 20, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 745	17.68
	Middle	5 785	17.68
	High	5 825	17.68

8.4.2.2 Test data for Antenna 1

-. Test Date : June 20, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 745	17.68
	Middle	5 785	17.68
	High	5 825	17.68

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

8.4.2.3 Test data for Antenna 2

-. Test Date : June 20, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 745	17.68
	Middle	5 785	17.68
	High	5 825	17.68

8.4.2.4 Test data for Antenna 3

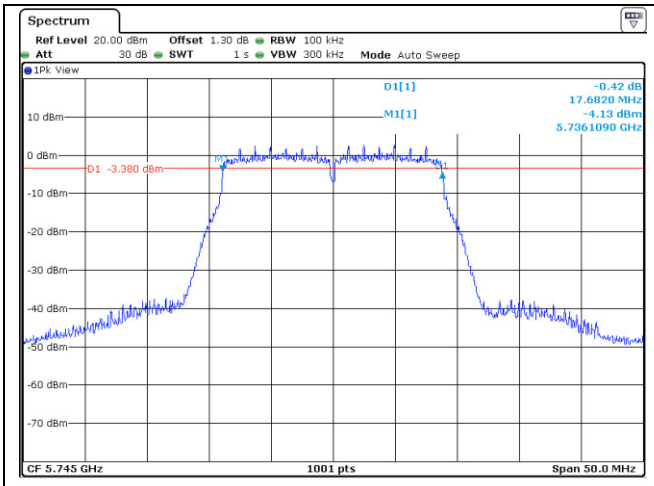
-. Test Date : June 20, 2016

-. Test Result : Pass

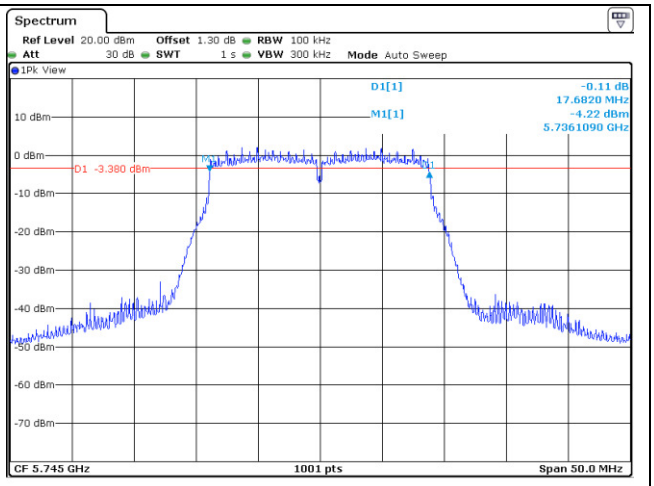
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 745	17.68
	Middle	5 785	17.68
	High	5 825	17.68

Tested by: Min-Gu, Ji / Project Engineer

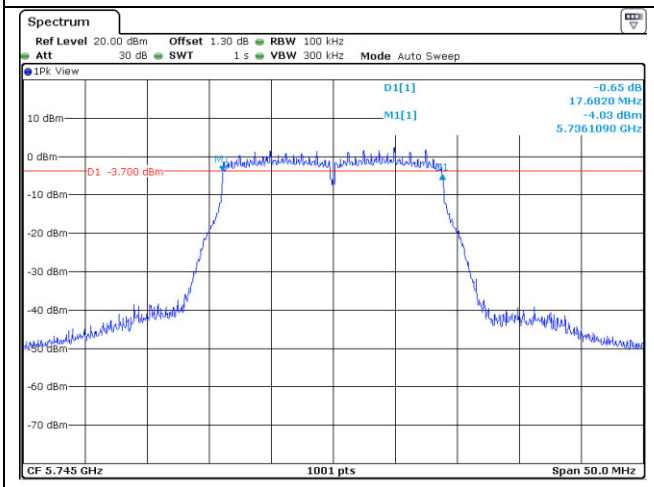
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



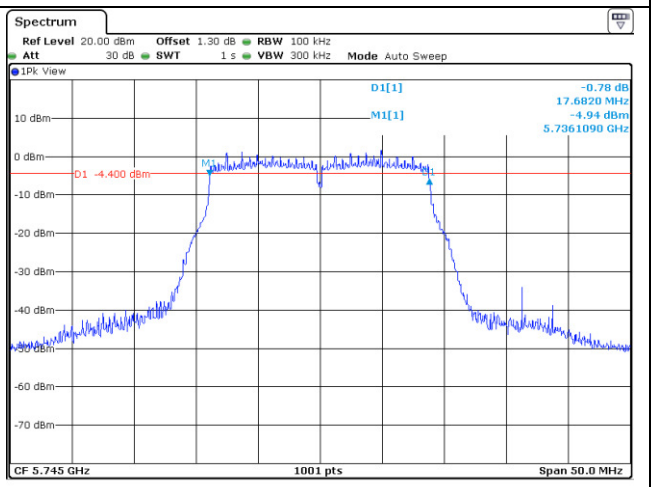
Ant 0



Ant 1



Ant 2



Ant 3

Note: In order to simplify the report, attached plots were only the most wide channel.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

8.4.3 Test data for 802.11n_HT40 RLAN Mode

8.4.3.1 Test data for Antenna 0

-. Test Date : June 20, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 755	36.46
	High	5 795	36.42

8.4.3.2 Test data for Antenna 1

-. Test Date : June 20, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 755	36.46
	High	5 795	36.22

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

8.4.3.3 Test data for Antenna 2

-. Test Date : June 20, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 755	36.46
	High	5 795	36.42

8.4.3.4 Test data for Antenna 3

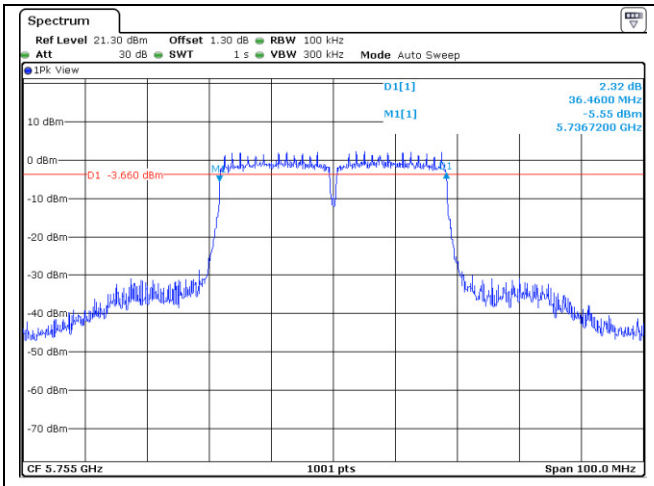
-. Test Date : June 20, 2016

-. Test Result : Pass

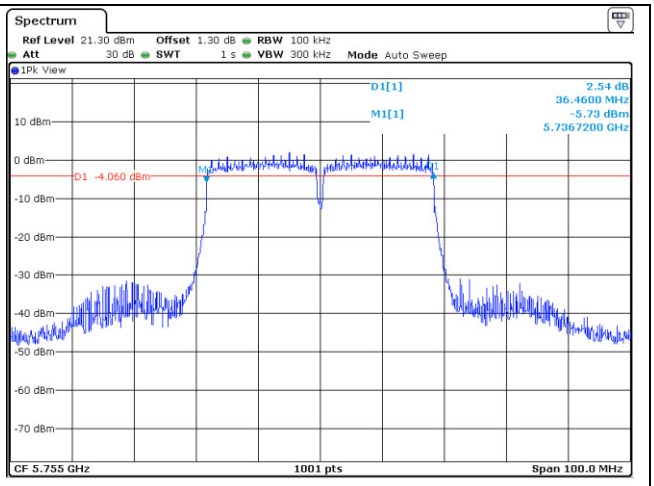
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 755	36.46
	High	5 795	36.42

Tested by: Min-Gu, Ji / Project Engineer

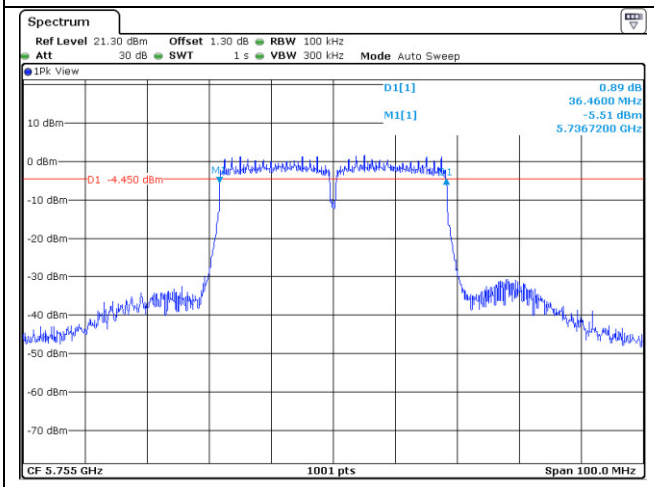
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



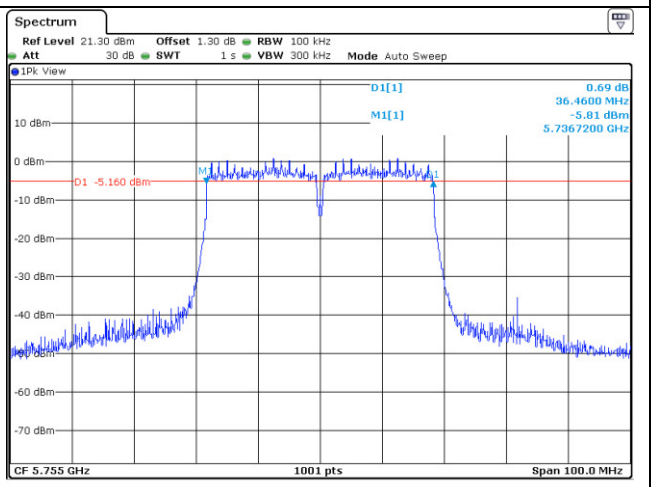
Ant 0



Ant 1



Ant 2



Ant 3

Note: In order to simplify the report, attached plots were only the most wide channel.

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8.4.4 Test data for 802.11ac_VHT20 RLAN Mode

8.4.4.1 Test data for Antenna 0

-. Test Date : June 20, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 745	17.68
	Middle	5 785	17.68
	High	5 825	17.68

8.4.4.2 Test data for Antenna 1

-. Test Date : June 20, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 745	17.68
	Middle	5 785	17.68
	High	5 825	17.68

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8.4.4.3 Test data for Antenna 2

-. Test Date : June 20, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 745	17.68
	Middle	5 785	17.68
	High	5 825	17.68

8.4.4.4 Test data for Antenna 3

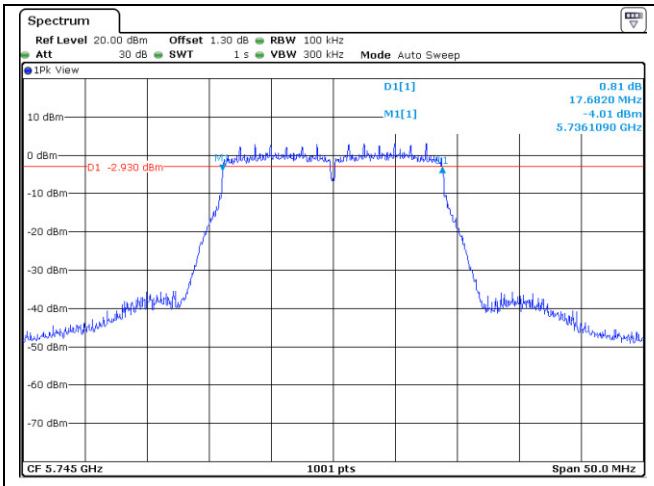
-. Test Date : June 20, 2016

-. Test Result : Pass

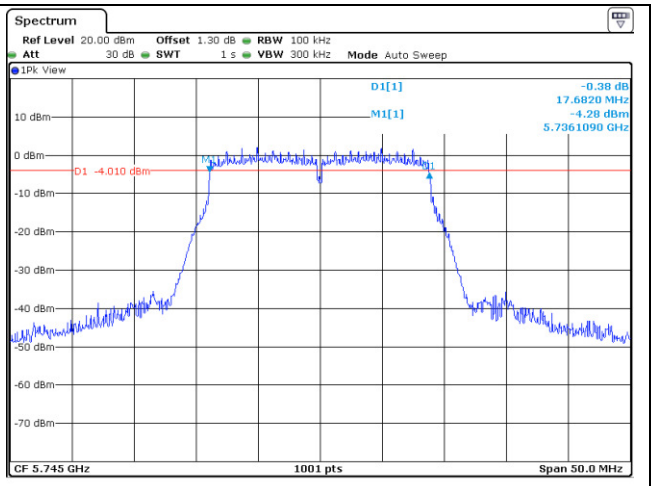
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 745	17.68
	Middle	5 785	17.68
	High	5 825	17.68

Tested by: Min-Gu, Ji / Project Engineer

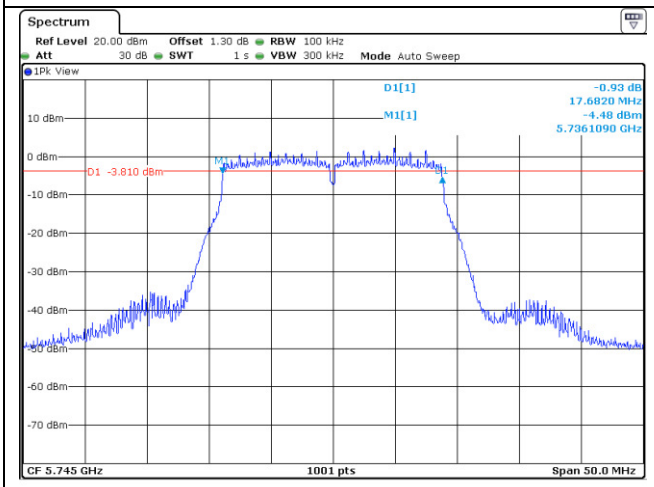
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



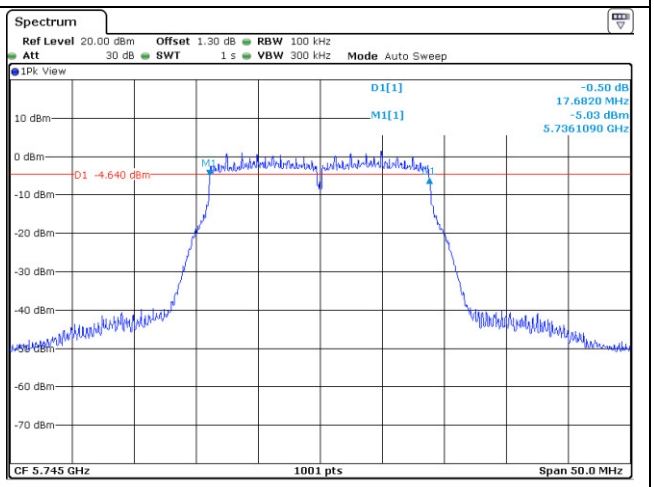
Ant 0



Ant 1



Ant 2



Ant 3

Note: In order to simplify the report, attached plots were only the most wide channel.

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8.4.5 Test data for 802.11ac_VHT40 RLAN Mode

8.4.5.1 Test data for Antenna 0

-. Test Date : June 20, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 755	36.46
	High	5 795	36.42

8.4.5.2 Test data for Antenna 1

-. Test Date : June 20, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 755	36.46
	High	5 795	36.42

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8.4.5.3 Test data for Antenna 2

-. Test Date : June 20, 2016

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 755	36.46
	High	5 795	36.42

8.4.5.4 Test data for Antenna 3

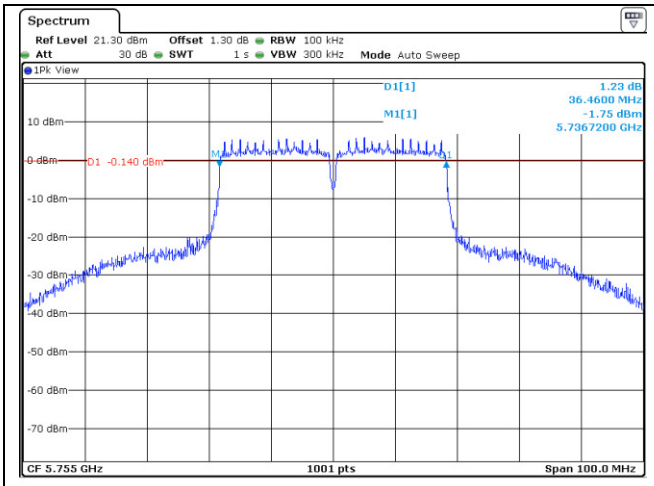
-. Test Date : June 20, 2016

-. Test Result : Pass

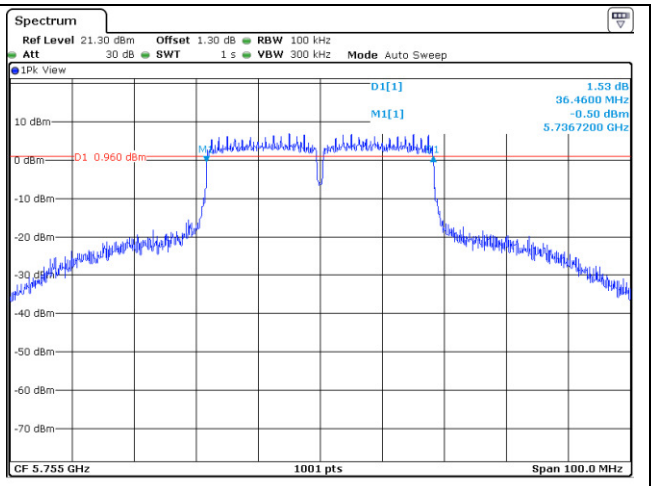
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 755	36.46
	High	5 795	36.42

Tested by: Min-Gu, Ji / Project Engineer

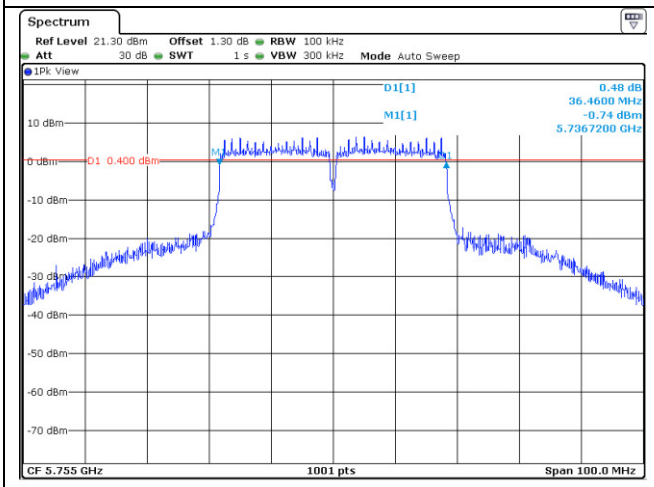
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



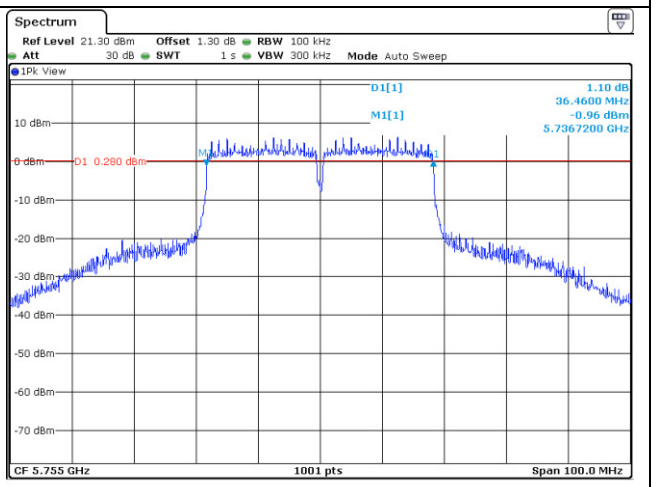
Ant 0



Ant 1



Ant 2



Ant 3

Note: In order to simplify the report, attached plots were only the most wide channel.

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