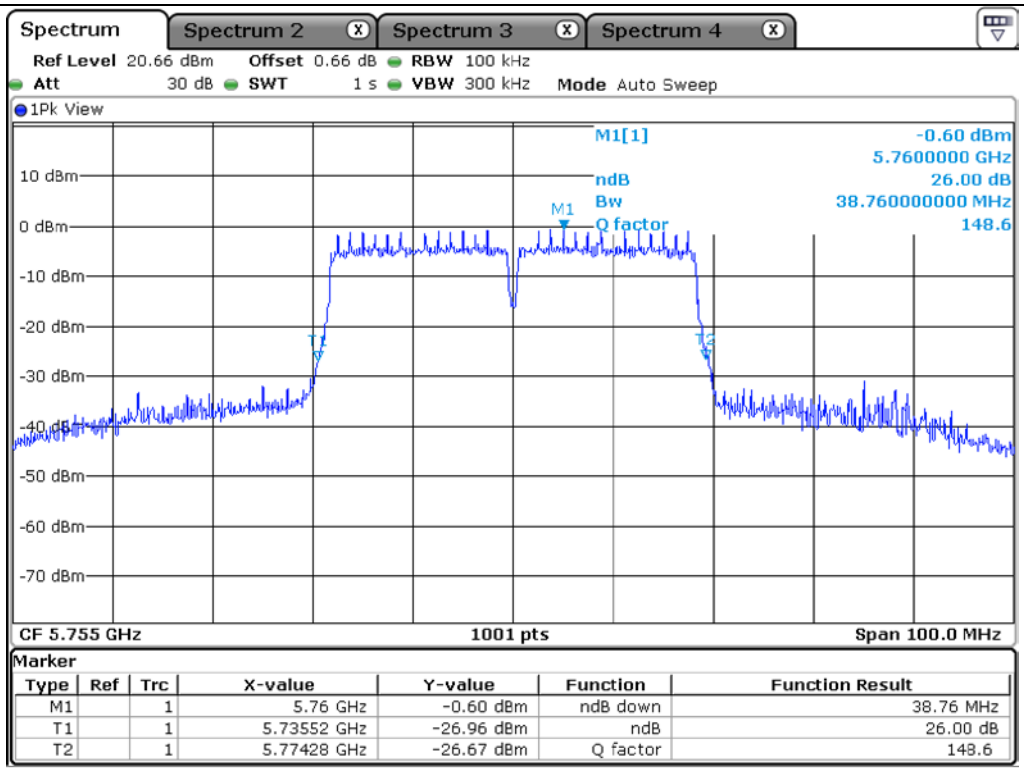
8.6 Test data for 802.11n_HT40 RLAN Mode

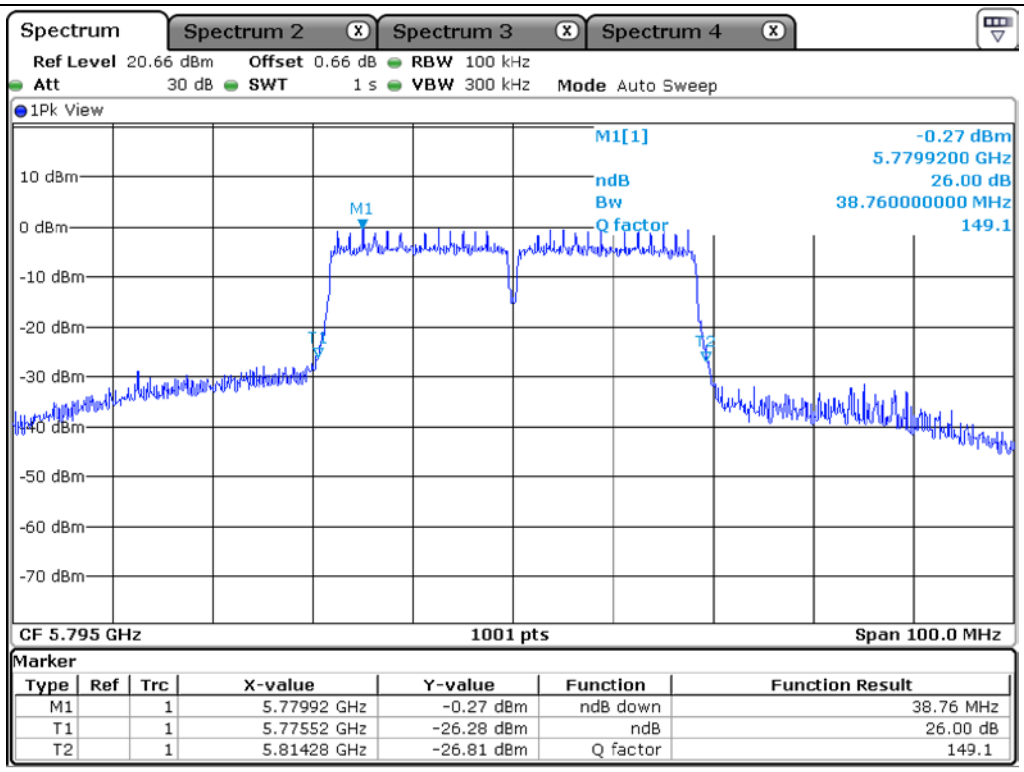
8.6.1 Test data for Antenna 0

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 755.00	38.76
	High	5 795.00	38.76



Low Channel (5 755 MHz)



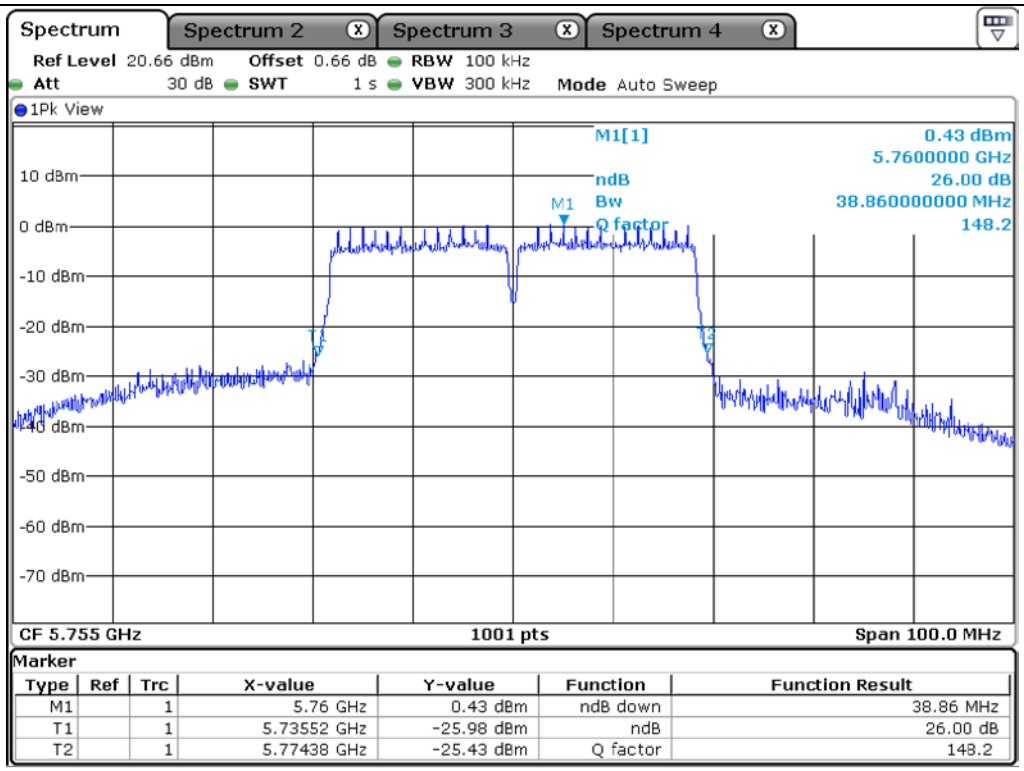
High Channel (5 795 MHz)

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

8.6.2 Test data for Antenna 1

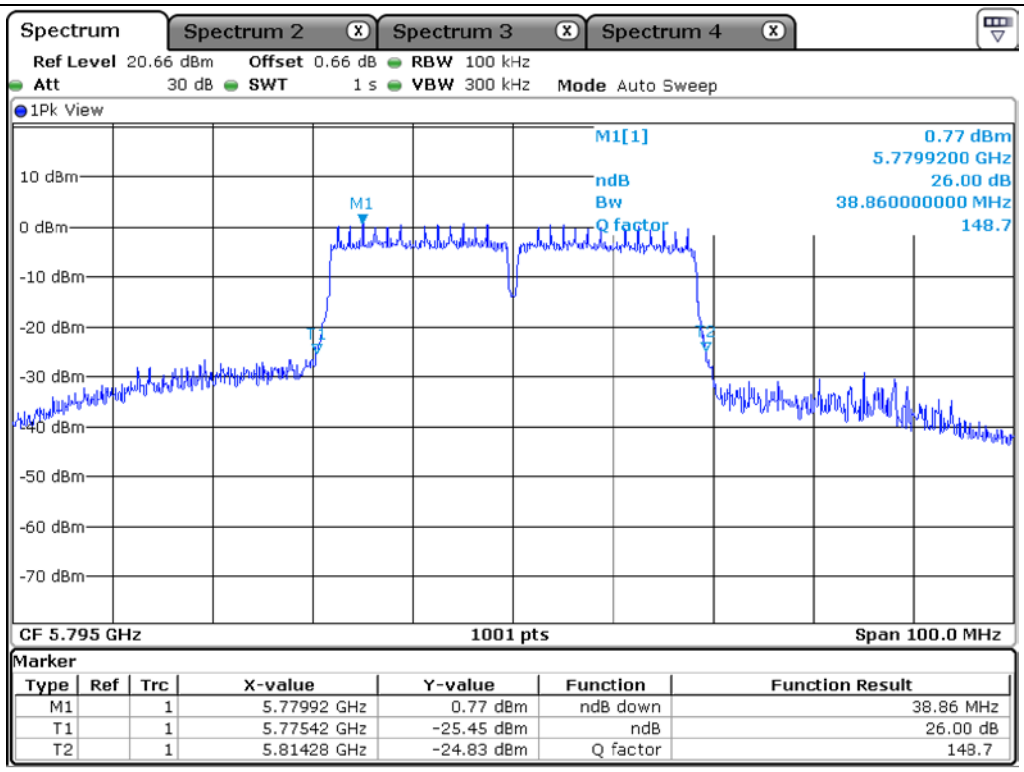
-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 755.00	38.86
	High	5 795.00	38.86



Low Channel (5 755 MHz)

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



High Channel (5 795 MHz)

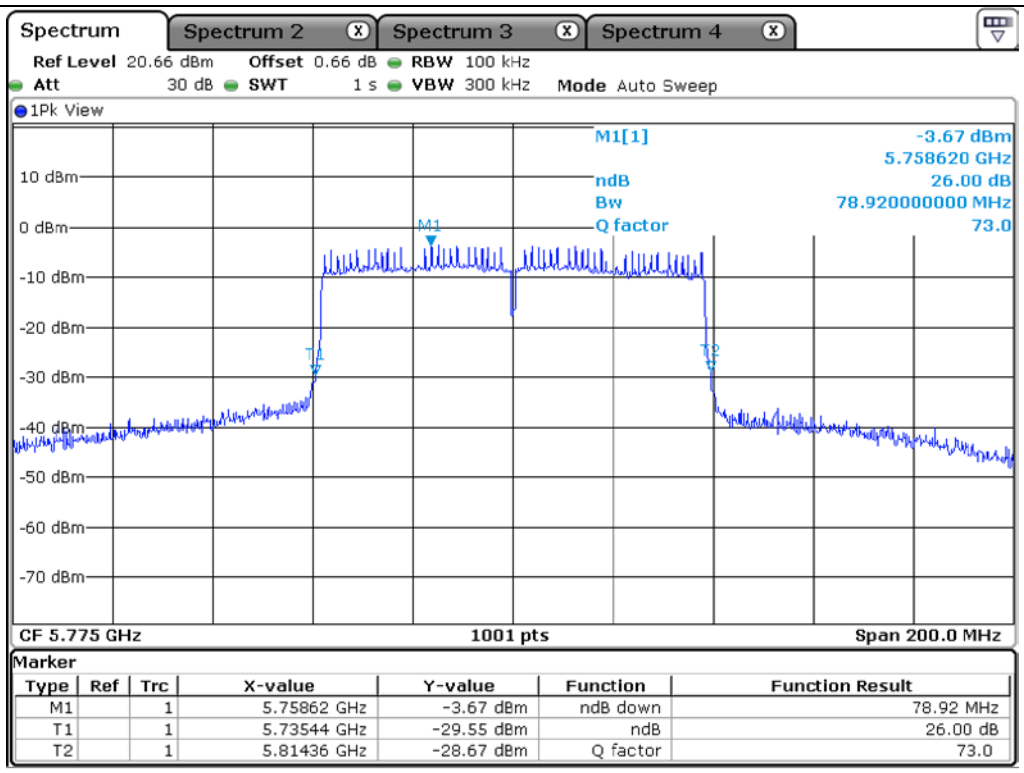
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

8.7 Test data for 802.11ac_VHT80 RLAN Mode

8.7.1 Test data for Antenna 0

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Middle	5 775.00	78.92

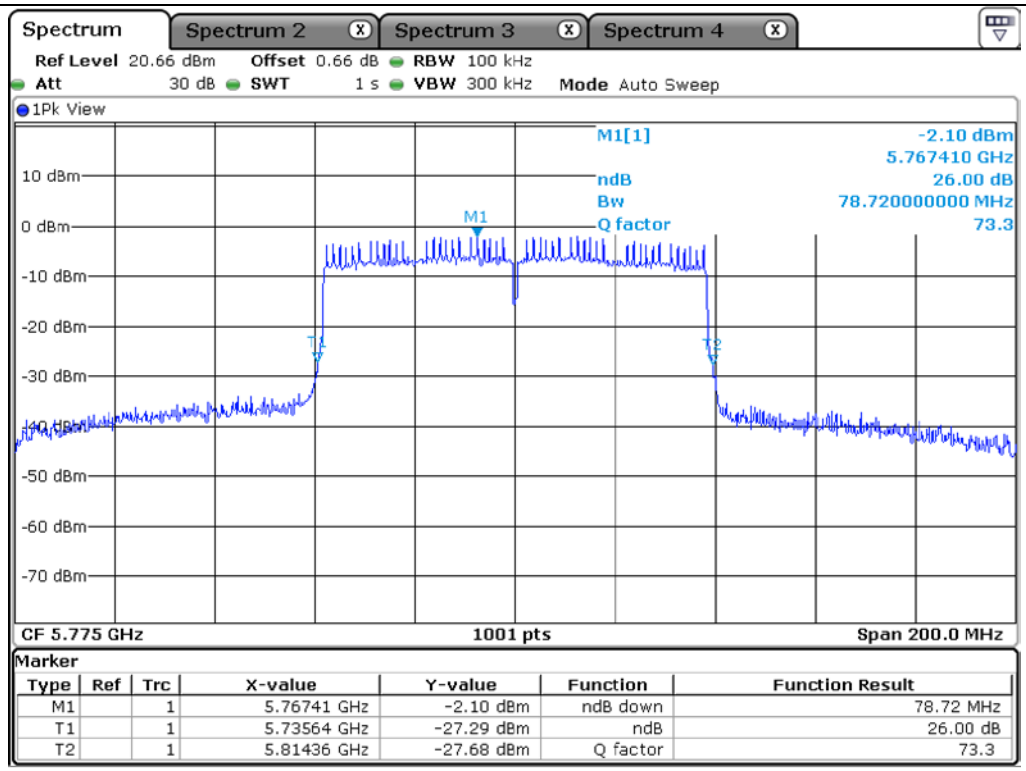


Middle Channel (5 775 MHz)

8.7.2 Test data for Antenna 1

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Middle	5 775.00	78.72



Middle Channel (5 775 MHz)

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

9. MAXIMUM PEAK OUTPUT POWER

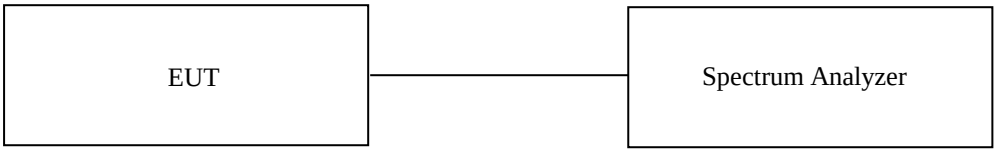
9.1 Operating environment

Temperature : 23 °C

Relative humidity : 45 % R.H.

9.2 Test set-up

The maximum peak output power was measured with the spectrum analyzer connected to the antenna output of the EUT. The spectrum analyzer's internal channel power integration function is used to integrate the power over a bandwidth greater than or equal to the 26 dB & 6 dB bandwidth. The EUT was operating in transmit mode at the appropriate center frequency.



9.3 Test Date

December 03, 2020 ~ December 09, 2020

9.4 Limit for Antenna

Operation Mode	Band	Mode	Ant.Port	Ant.gain (dBi)	Limit (dBm)	20 MHz BW Limit (dBm)	40/80 MHz BW Limit (dBm)
SISO	UNII 1	802.11a	0	5.40	24.00	24.00	24.00
			1	5.70	24.00	24.00	24.00
	UNII 2A	802.11a	0	5.60	24.00	24.00	24.00
			1	4.80	24.00	24.00	24.00
	UNII 2C	802.11a	0	5.70	24.00	24.00	24.00
			1	5.30	24.00	24.00	24.00
	UNII 3	802.11a	0	5.20	30.00	30.00	30.00
			1	5.40	30.00	30.00	30.00
MIMO(2TX)	UNII 1	802.11a	0+1	8.56	24.00	24.00	24.00
	UNII 2A	802.11a	0+1	8.23	24.00	24.00	24.00
	UNII 2C	802.11a	0+1	8.51	24.00	24.00	24.00
	UNII 3	802.11a	0+1	8.31	30.00	30.00	30.00

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

9.5 Test data for 802.11a RLAN Mode

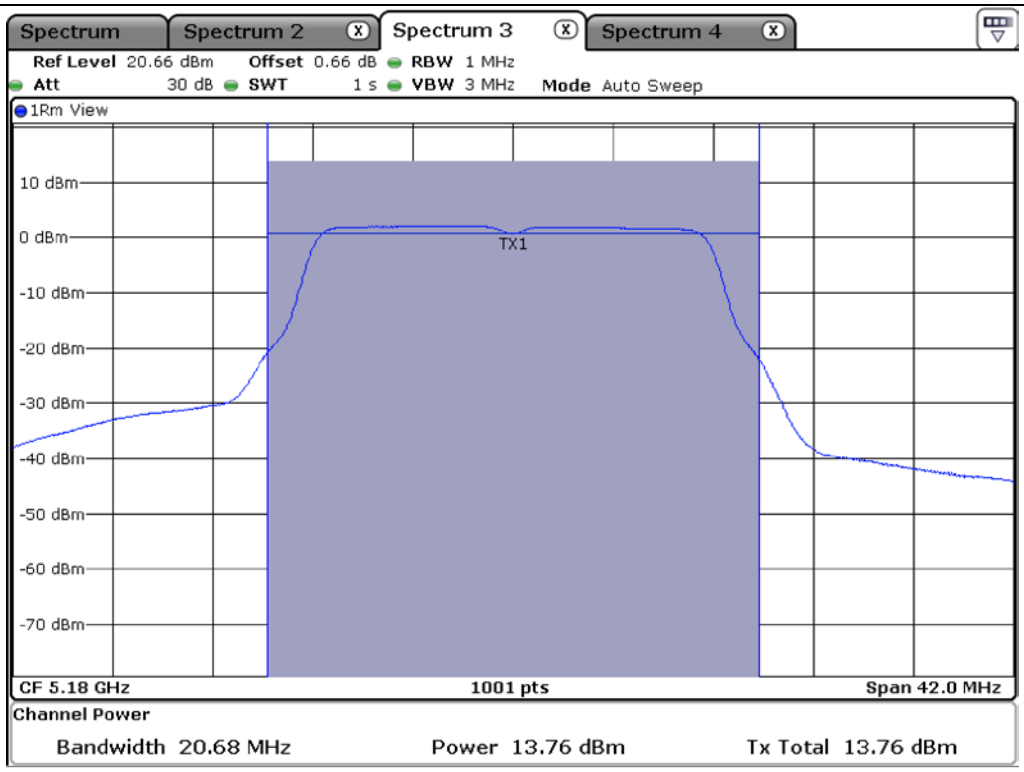
9.5.1 Test data for Antenna 0

-. Test Result : Pass

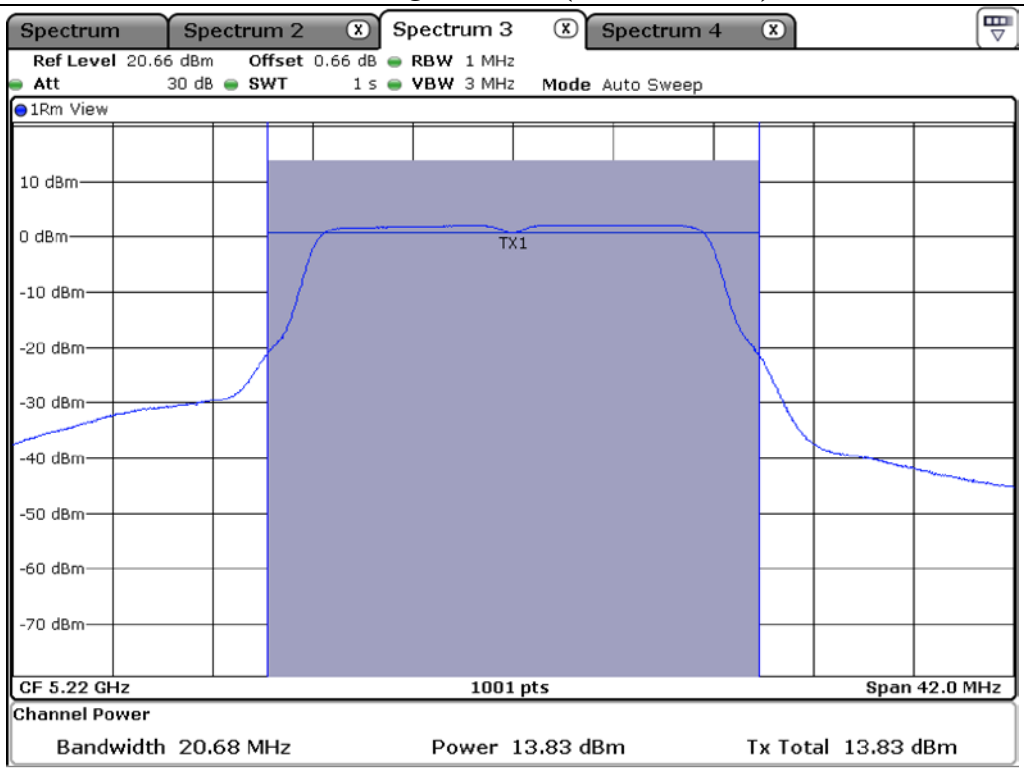
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB Bandwidth (MHz)	MEASURED VLAUE (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Low	5 180.00	20.68	13.76	24.00	10.24
	Middle	5 220.00	20.67	13.83	24.00	10.17
	High	5 240.00	20.68	13.96	24.00	10.04
5 250 ~ 5 350	Low	5 260.00	20.68	14.35	24.00	9.65
	Middle	5 300.00	20.68	14.35	24.00	9.65
	High	5 320.00	20.68	14.42	24.00	9.58
5 470 ~ 5 725	Low	5 500.00	20.68	14.91	24.00	9.09
	Middle	5 560.00	20.78	14.64	24.00	9.36
	High	5 700.00	20.68	14.75	24.00	9.25
5 725 ~ 5 850	Low	5 745.00	20.88	14.08	30.00	15.92
	Middle	5 785.00	20.73	14.58	30.00	15.42
	High	5 825.00	20.82	14.00	30.00	16.00

Remark: See next page for measurement data.

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

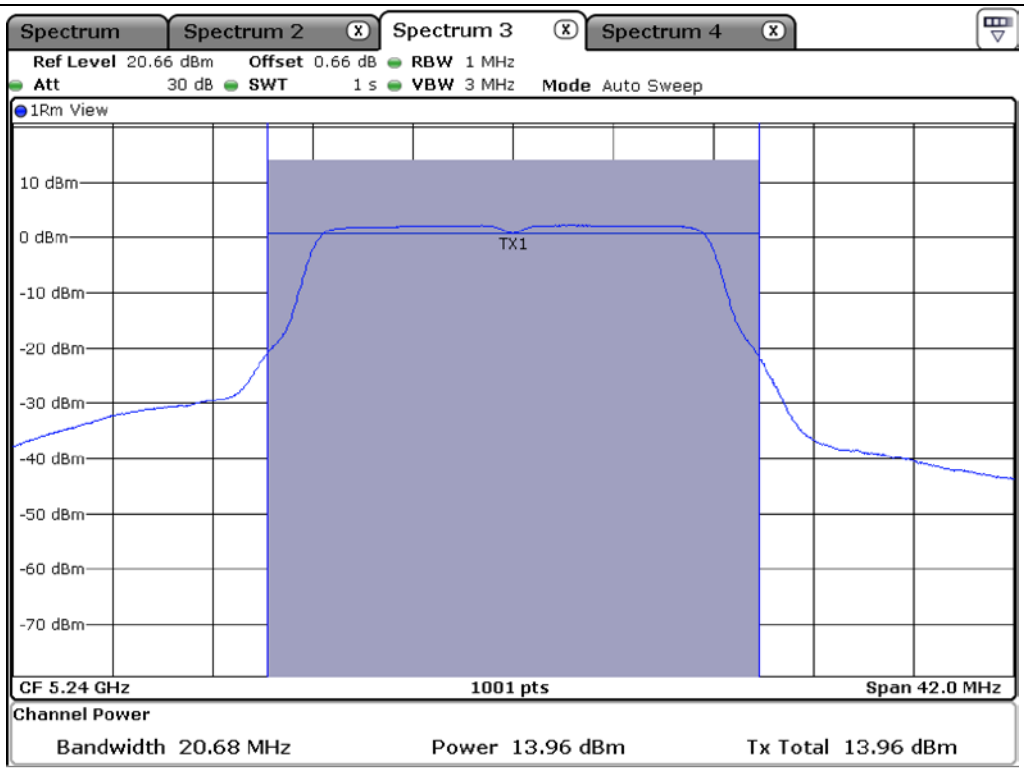


Low Channel @ 5 180 MHz (26 dB Bandwidth)

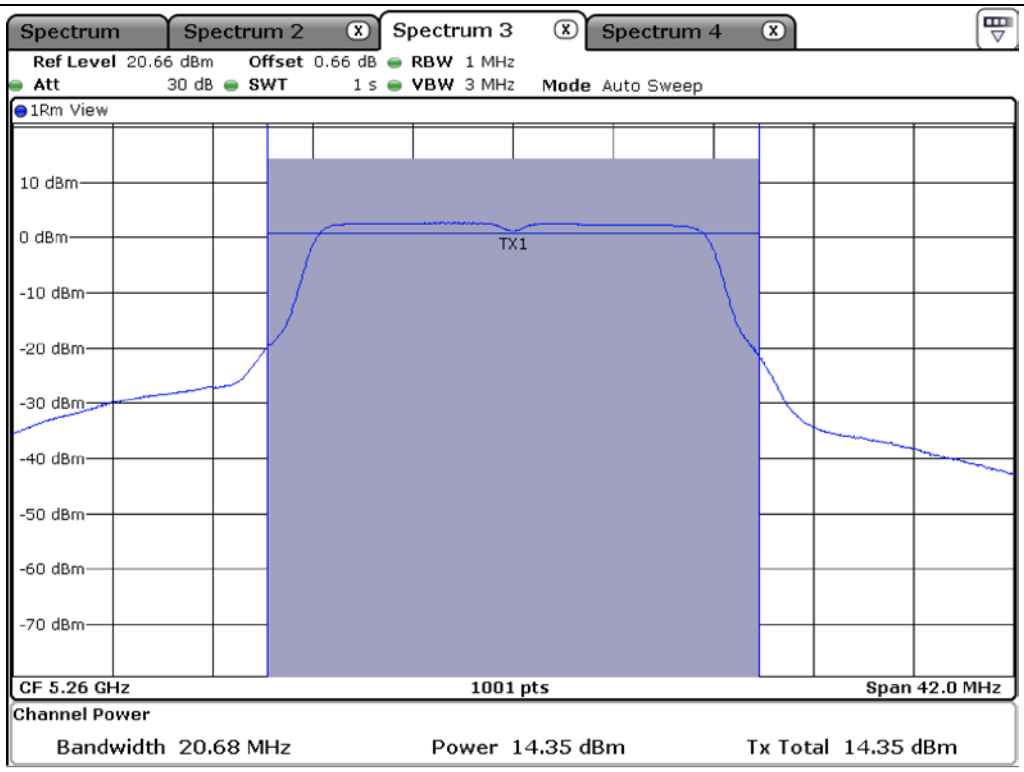


Middle Channel @ 5 220 MHz (26 dB Bandwidth)

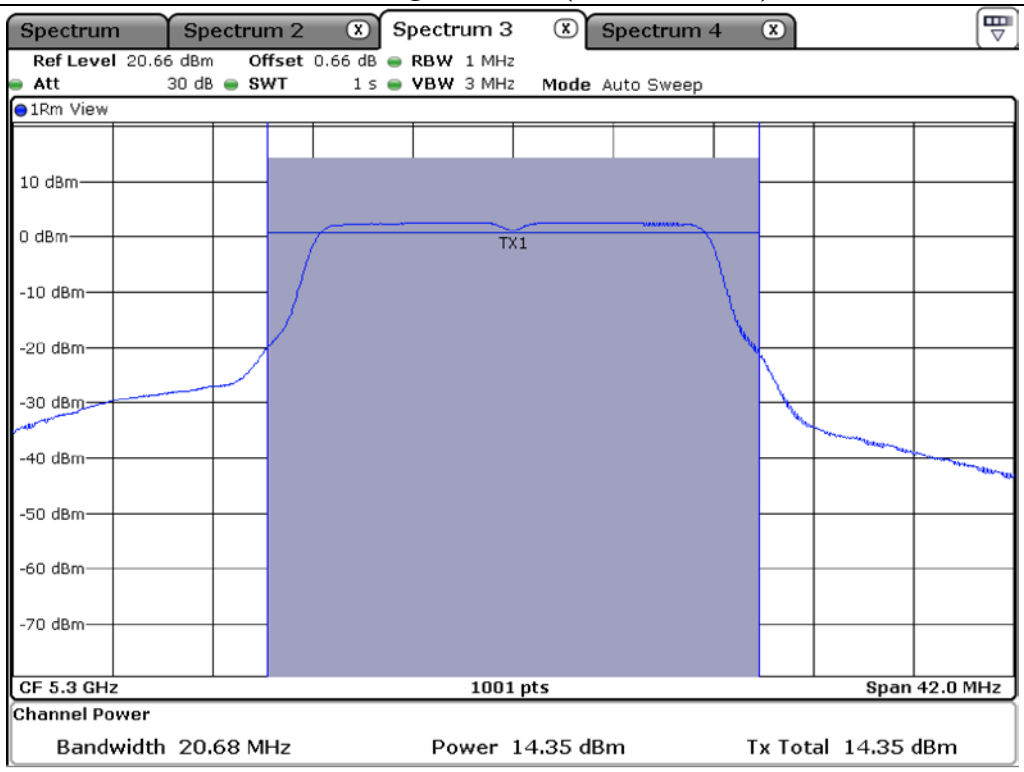
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



High Channel @ 5 240 MHz (26 dB Bandwidth)

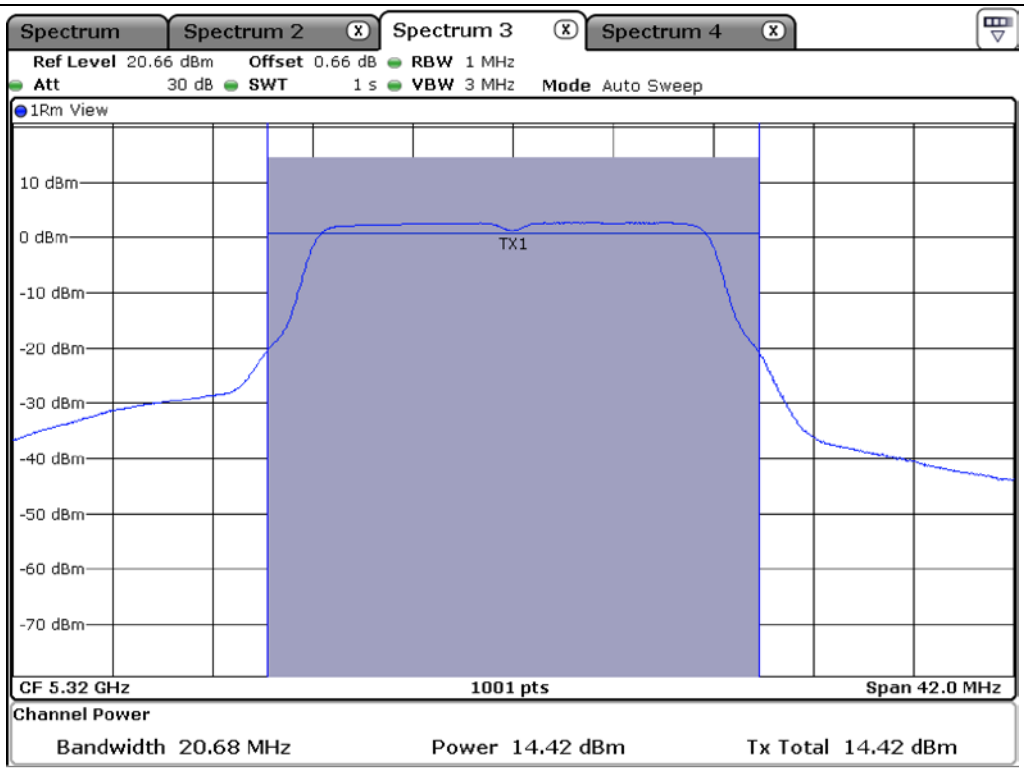


Low Channel @ 5 260 MHz (26 dB Bandwidth)



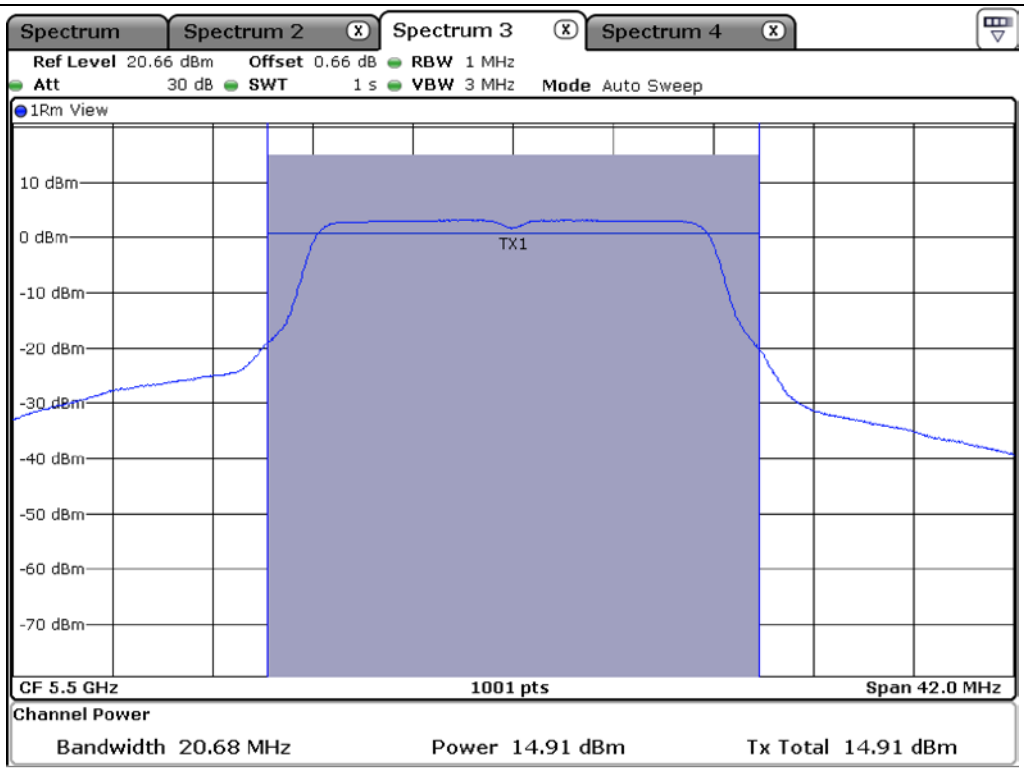
Middle Channel @ 5 300 MHz (26 dB Bandwidth)

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

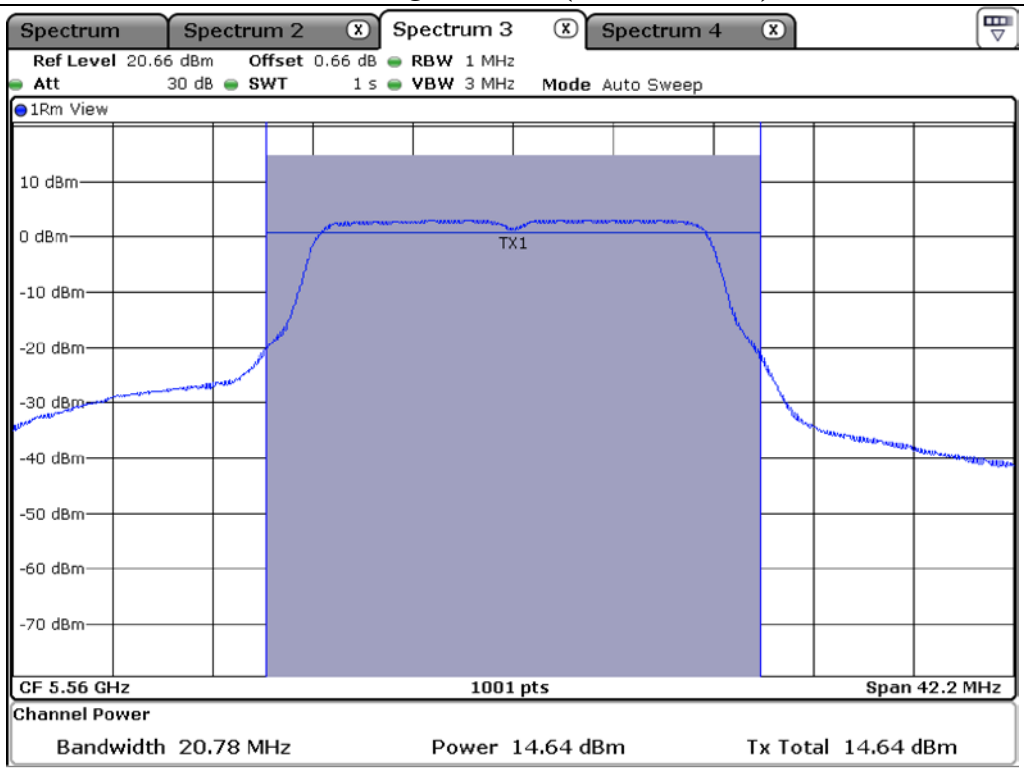


High Channel @ 5 320 MHz (26 dB Bandwidth)

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

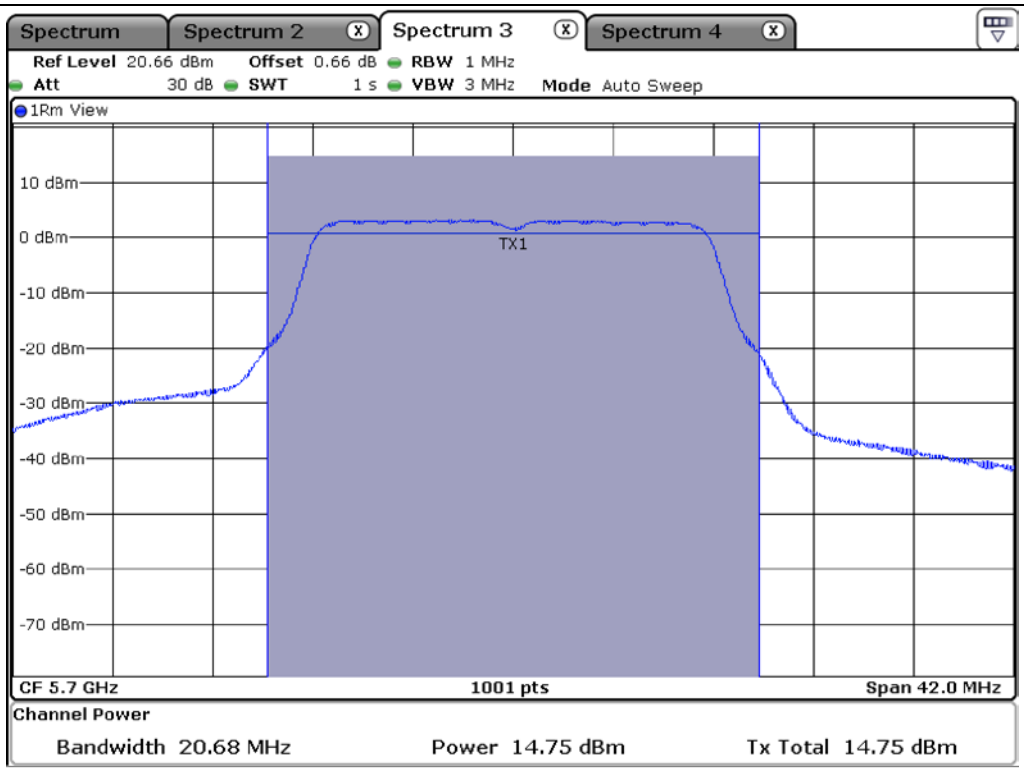


Low Channel @ 5 500 MHz (26 dB Bandwidth)

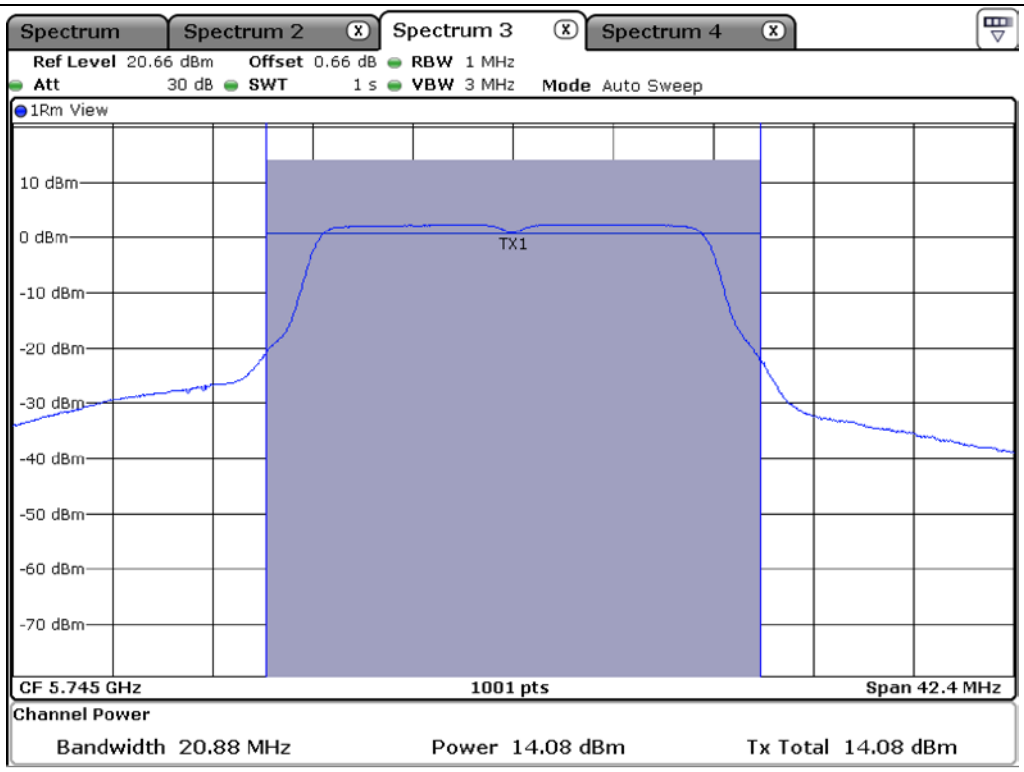


Middle Channel @ 5 560 MHz (26 dB Bandwidth)

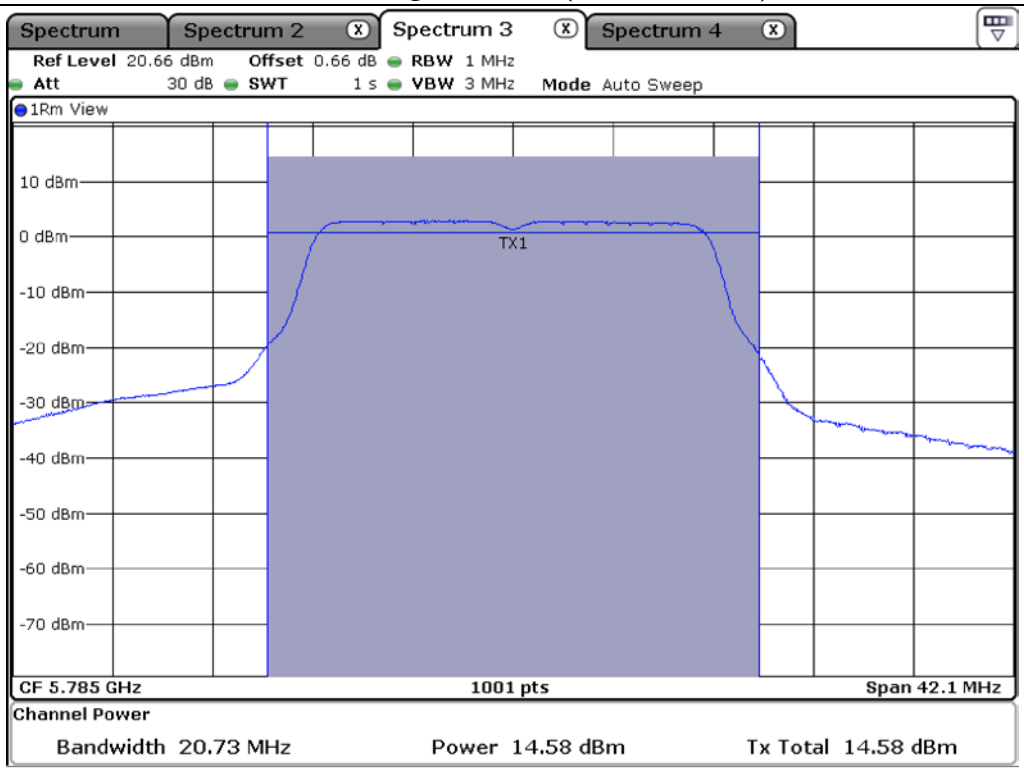
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



High Channel @ 5 700 MHz (26 dB Bandwidth)

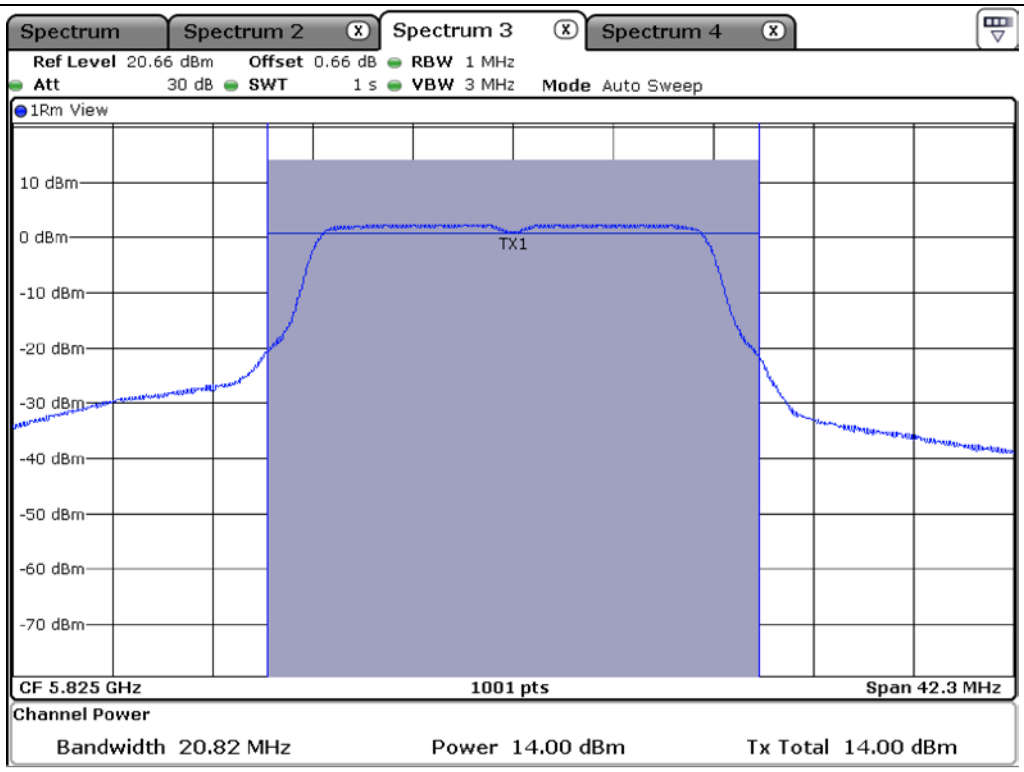


Low Channel @ 5 745 MHz (26 dB Bandwidth)



Middle Channel @ 5 785 MHz (26 dB Bandwidth)

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



High Channel @ 5 825 MHz (6 dB Bandwidth)

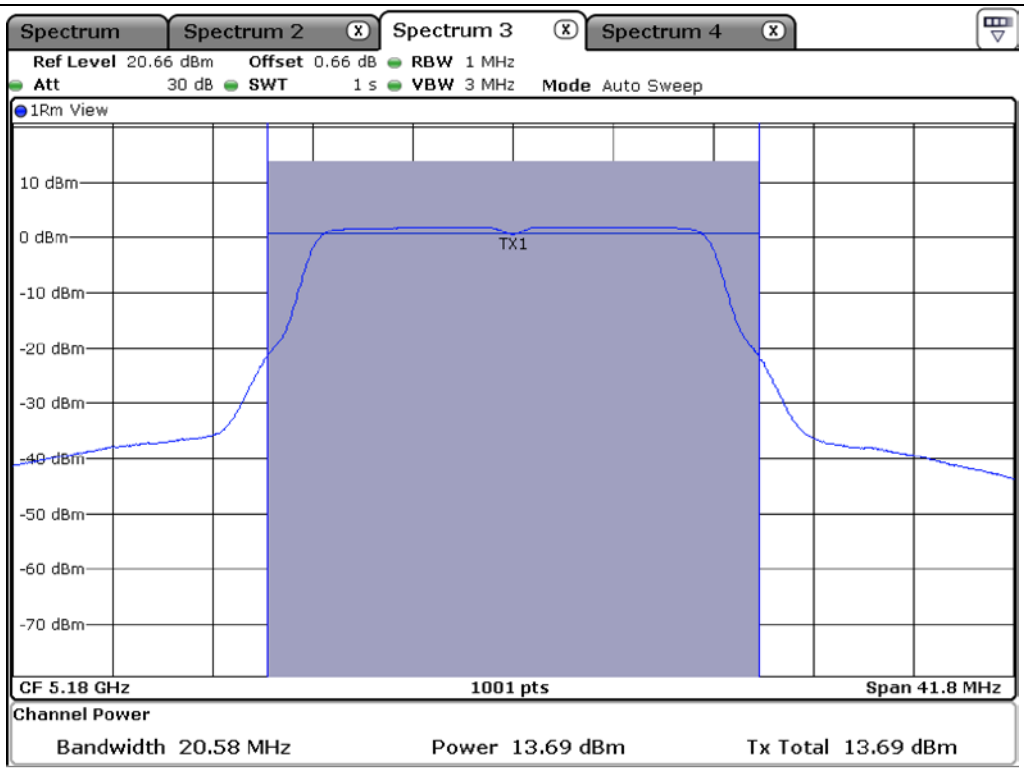
9.5.2 Test data for Antenna 1

-. Test Result : Pass

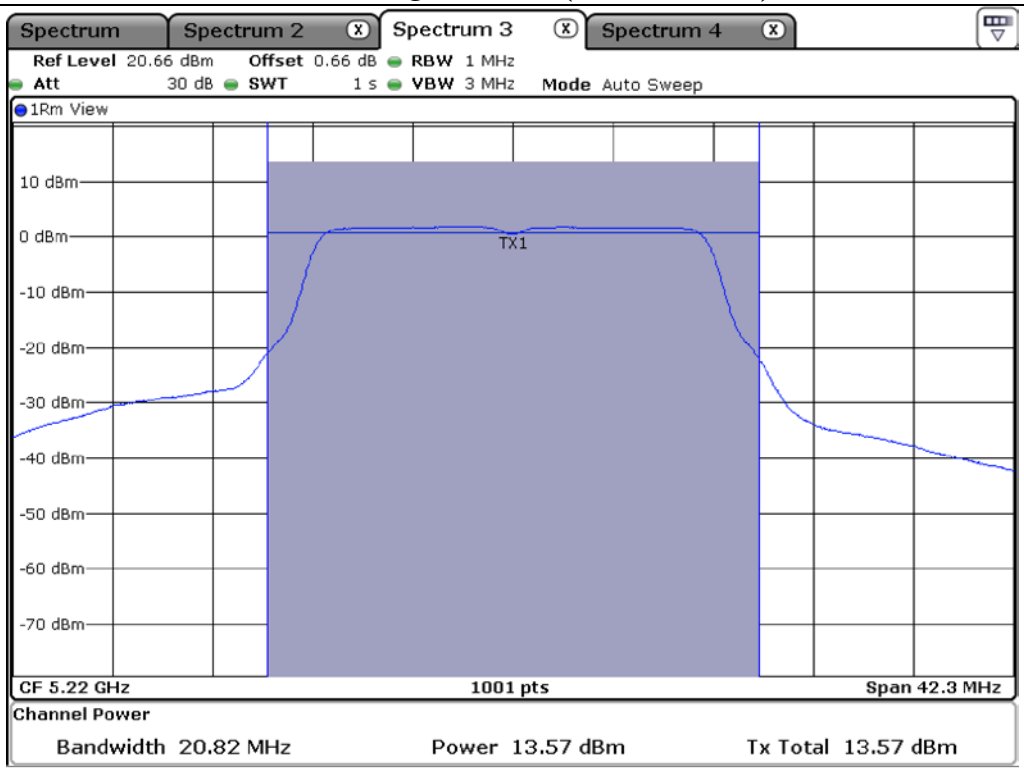
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB & 6 dB Bandwidth (MHz)	MEASURED VLAUE (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Low	5 180.00	20.58	13.69	24.00	10.31
	Middle	5 220.00	20.82	13.57	24.00	10.43
	High	5 240.00	20.82	13.92	24.00	10.08
5 250 ~ 5 350	Low	5 260.00	20.73	14.37	24.00	9.63
	Middle	5 300.00	20.63	14.19	24.00	9.81
	High	5 320.00	20.58	14.41	24.00	9.59
5 470 ~ 5 725	Low	5 500.00	20.68	14.62	24.00	9.38
	Middle	5 560.00	20.88	13.99	24.00	10.01
	High	5 700.00	20.68	14.39	24.00	9.61
5 725 ~ 5 850	Low	5 745.00	21.18	14.36	30.00	15.64
	Middle	5 785.00	20.68	14.71	30.00	15.29
	High	5 825.00	20.78	14.74	30.00	15.26

Remark: See next page for measurement data.

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

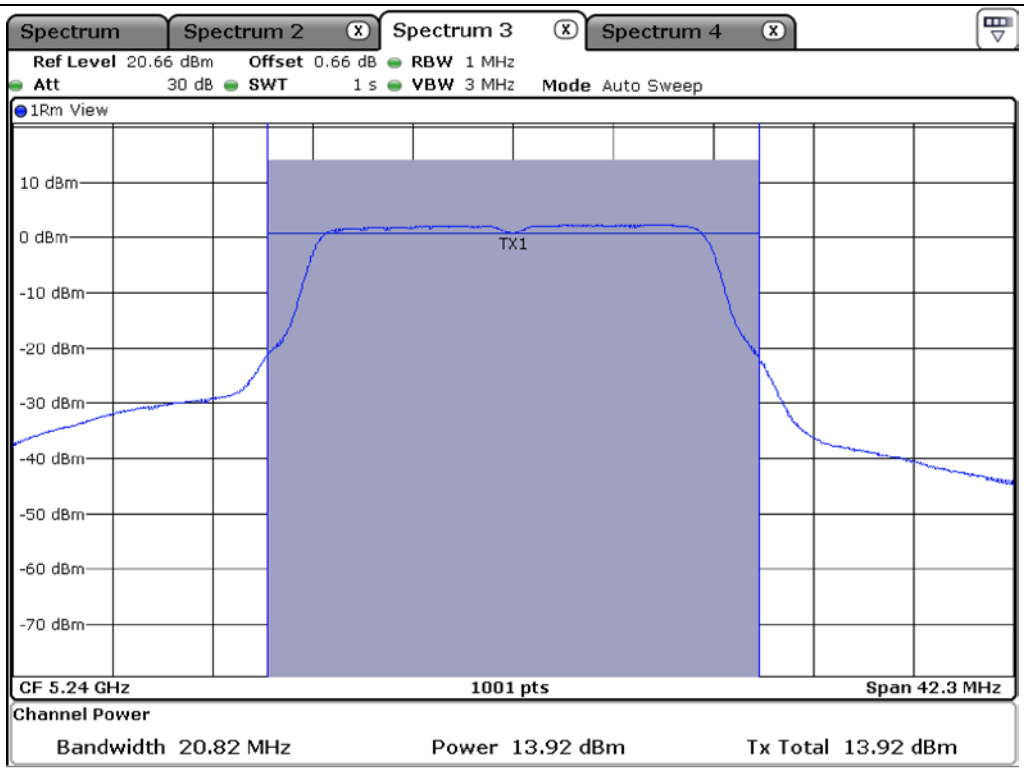


Low Channel @ 5 180 MHz (26 dB Bandwidth)



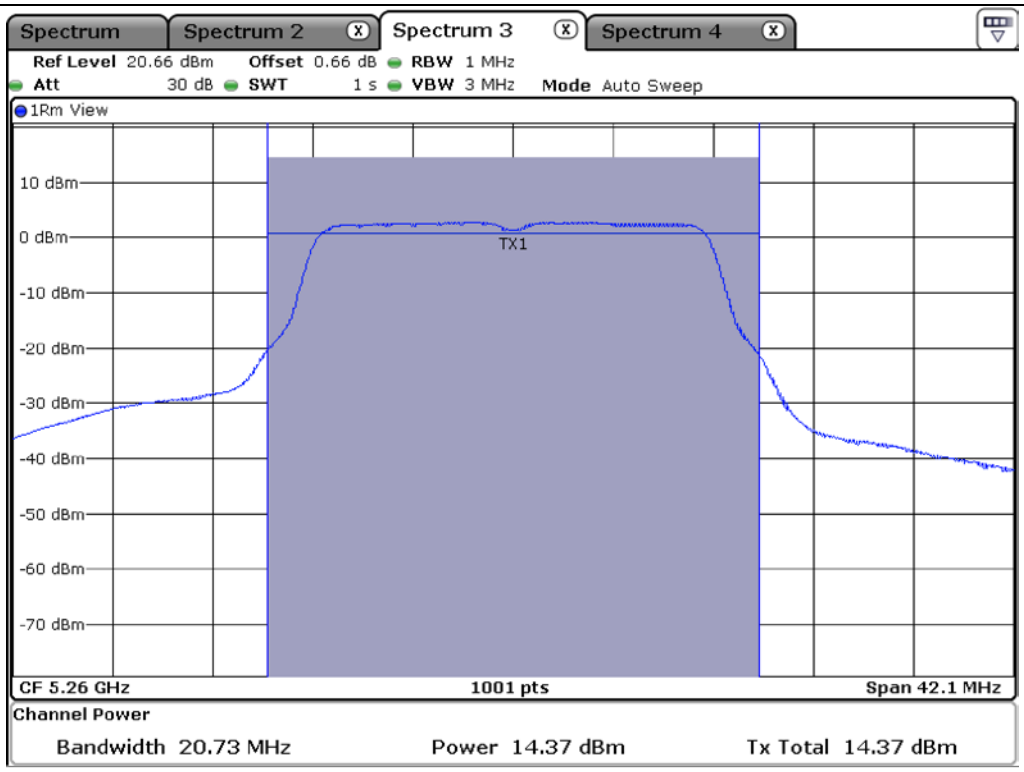
Middle Channel @ 5 220 MHz (26 dB Bandwidth)

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

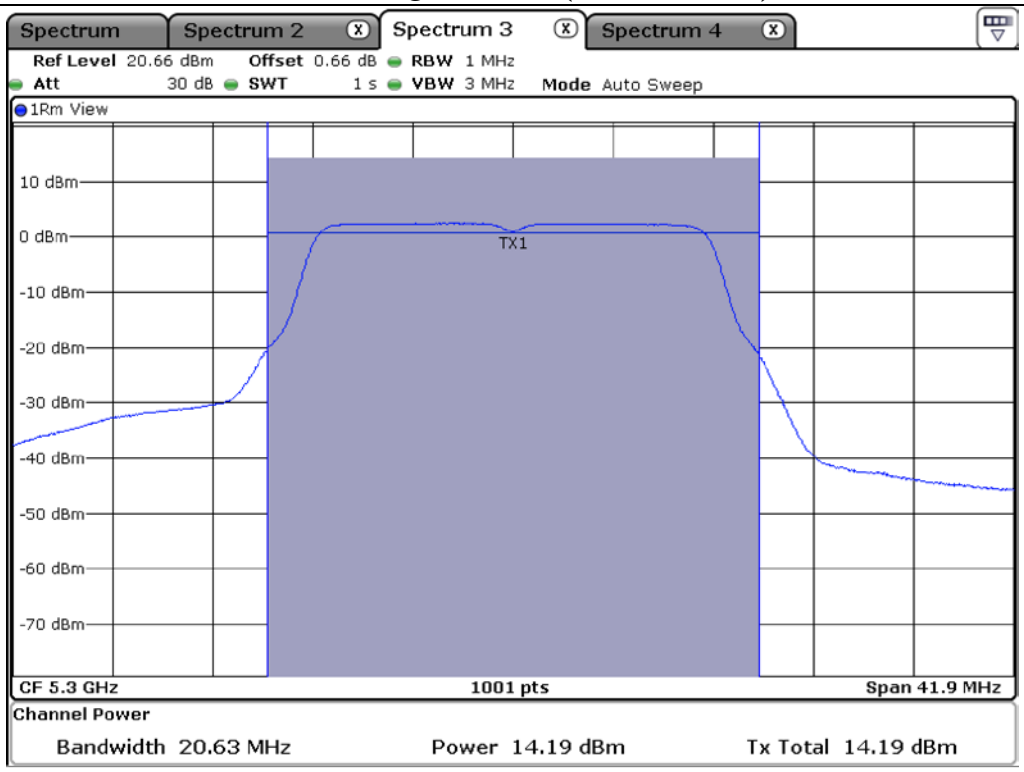


High Channel @ 5 240 MHz (26 dB Bandwidth)

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

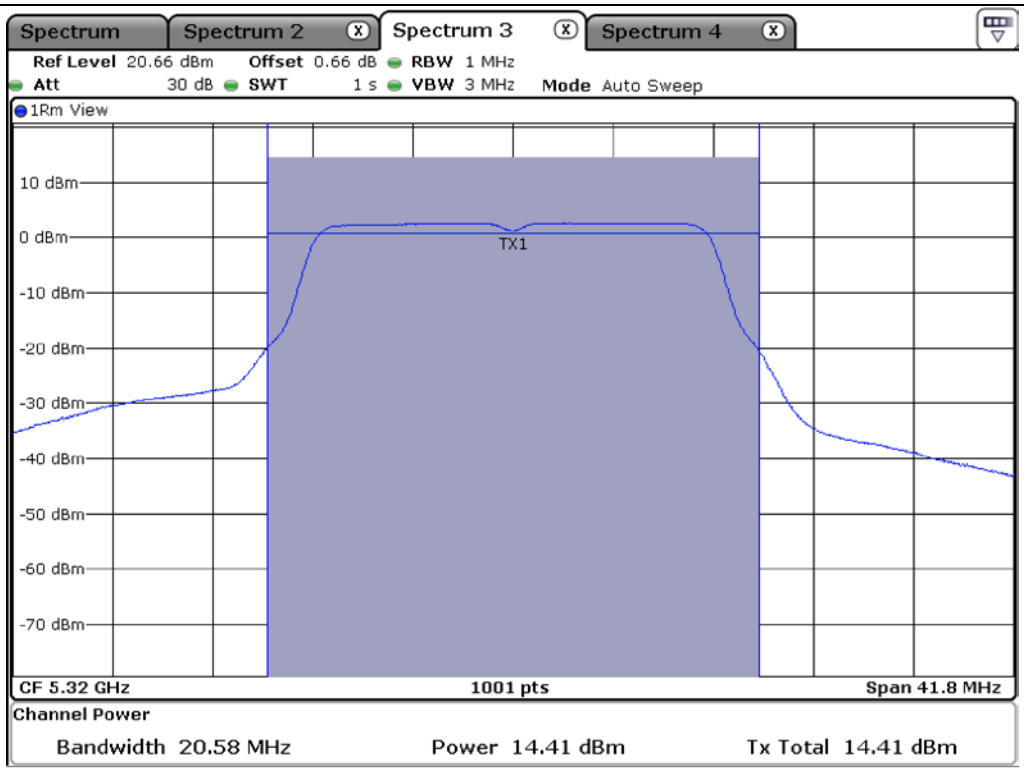


Low Channel @ 5 260 MHz (26 dB Bandwidth)



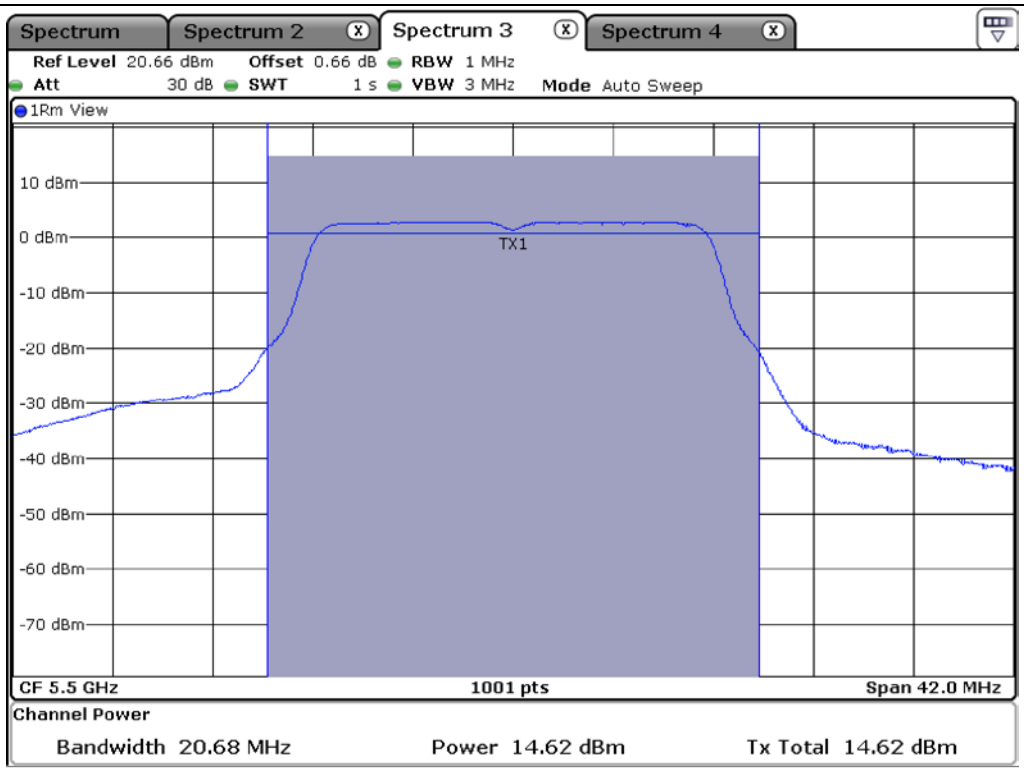
Middle Channel @ 5 300 MHz (26 dB Bandwidth)

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

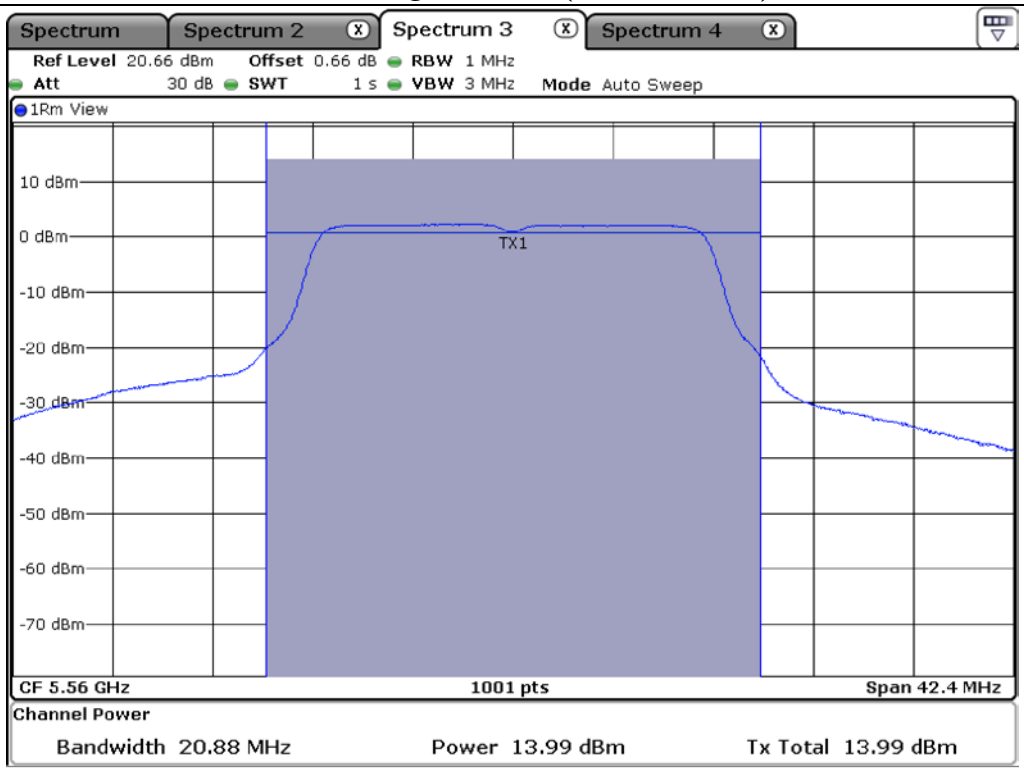


High Channel @ 5 320 MHz (26 dB Bandwidth)

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

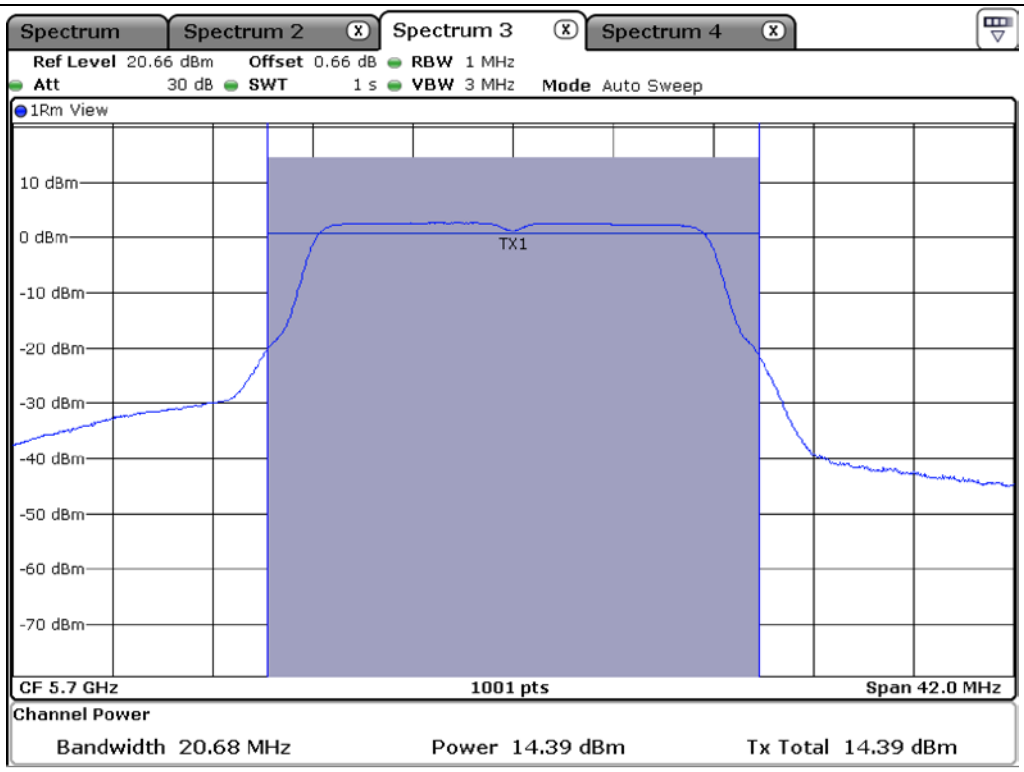


Low Channel @ 5 500 MHz (26 dB Bandwidth)

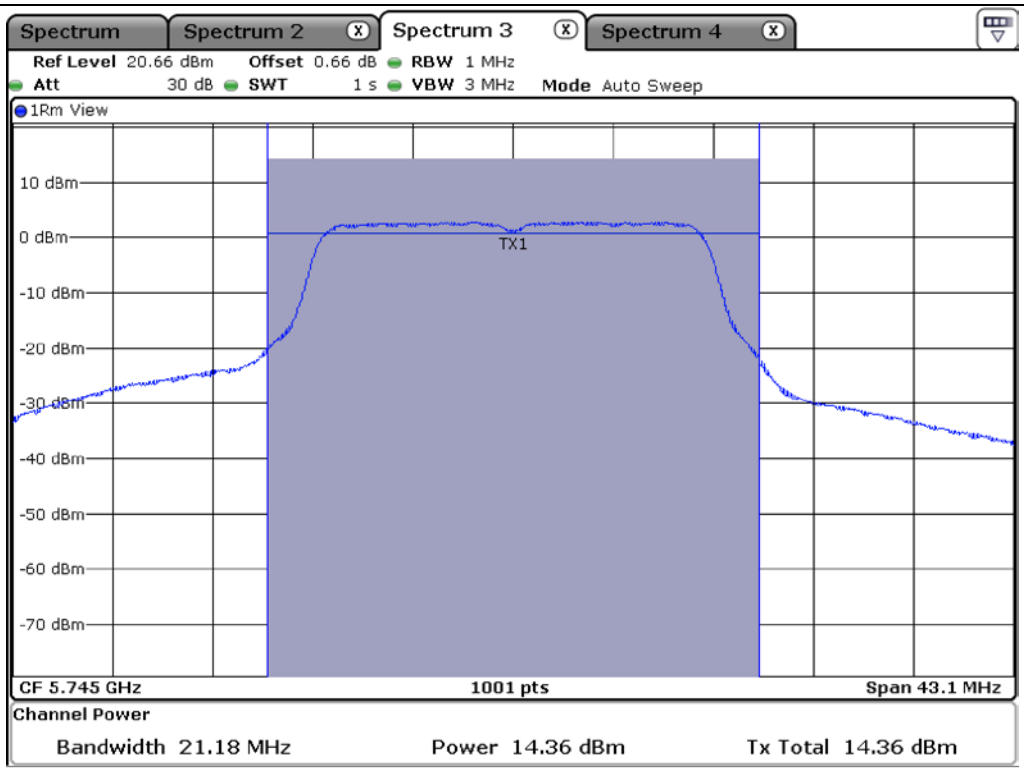


Middle Channel @ 5 560 MHz (26 dB Bandwidth)

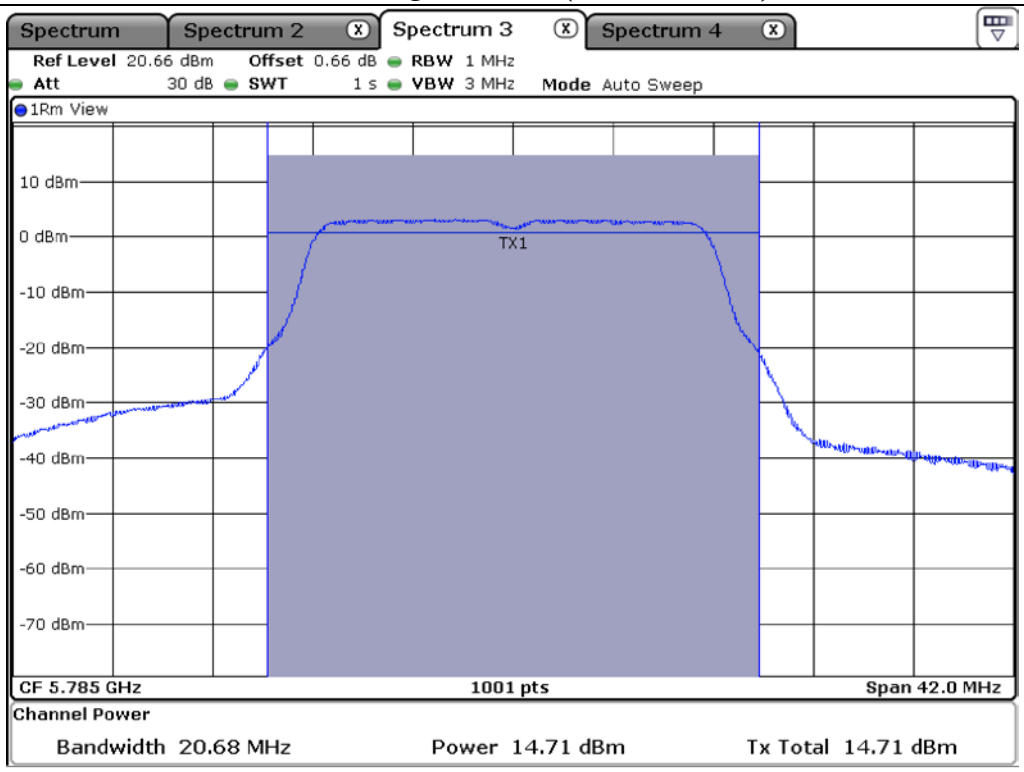
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



High Channel @ 5 700 MHz (26 dB Bandwidth)

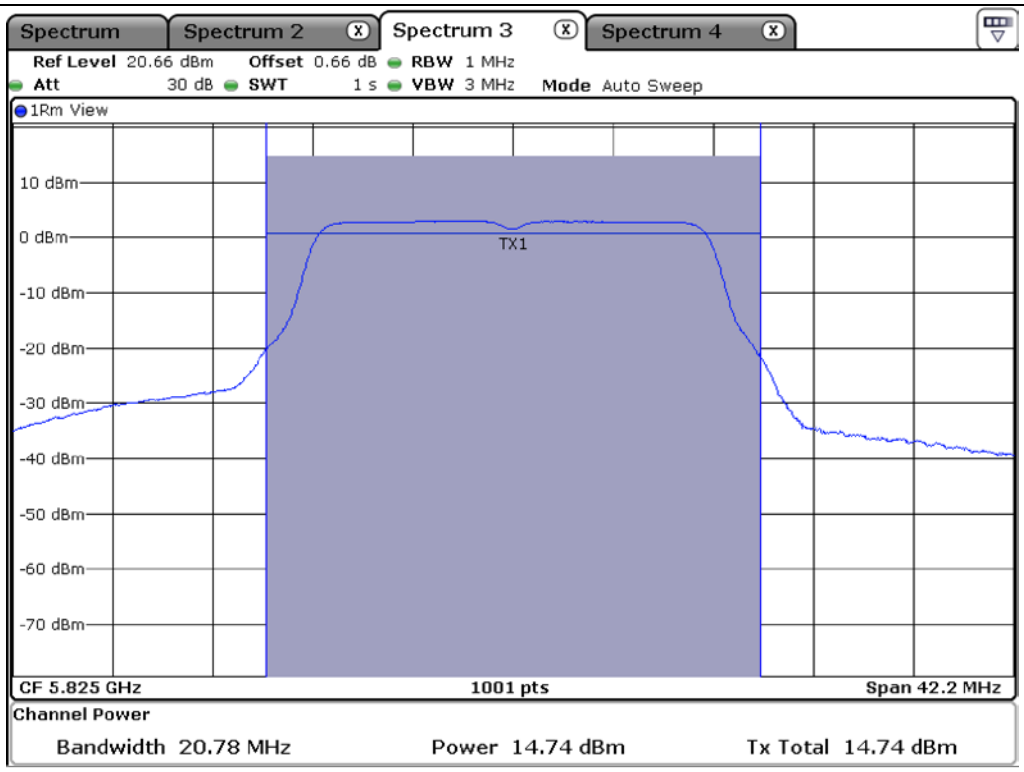


Low Channel @ 5 745 MHz (26 dB Bandwidth)



Middle Channel @ 5 785 MHz (26 dB Bandwidth)

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



High Channel @ 5 825 MHz (26 dB Bandwidth)

9.6 Test data for 802.11n_HT20 RLAN Mode

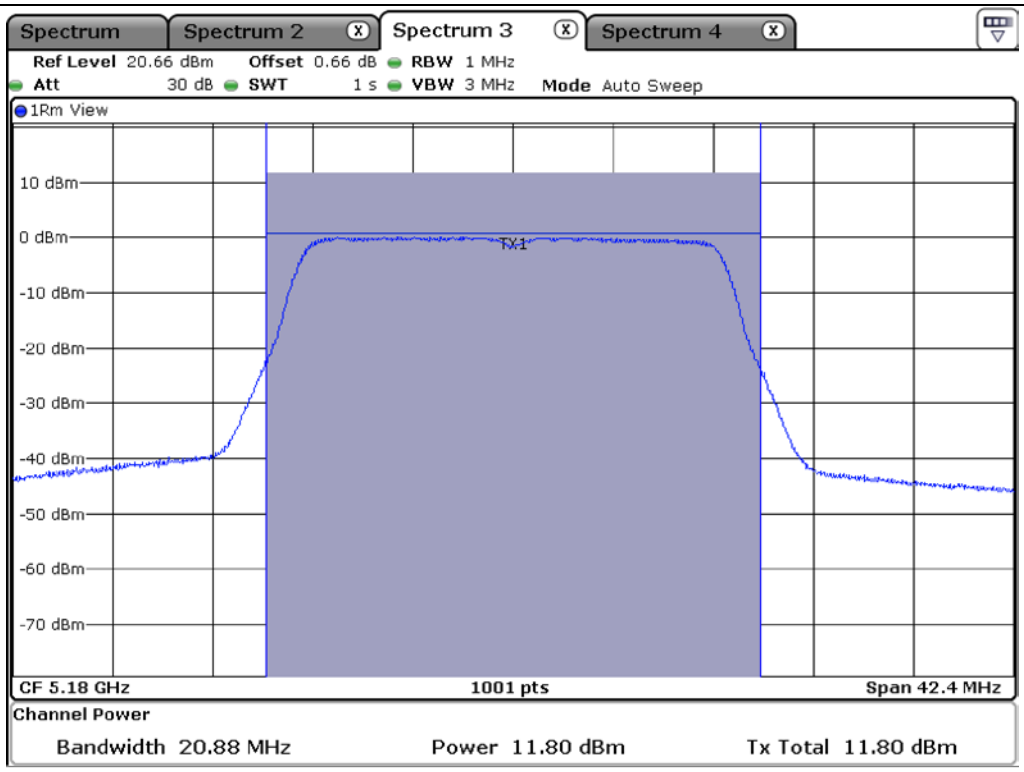
9.6.1 Test data for Antenna 0

-. Test Result : Pass

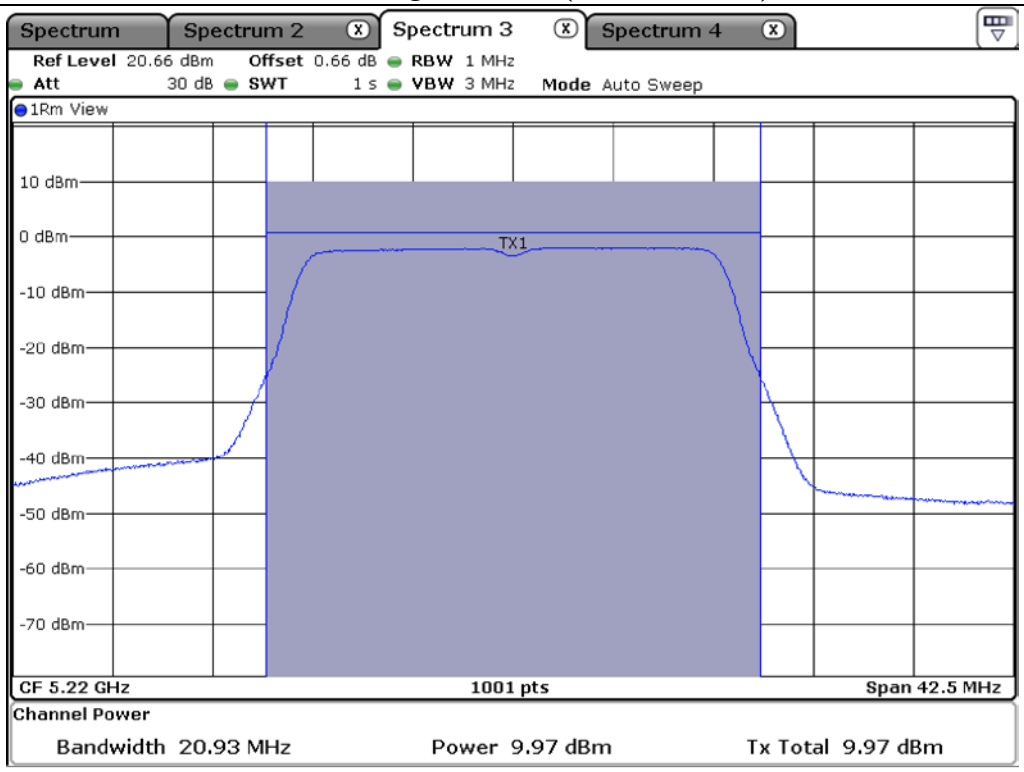
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB & 6 dB Bandwidth (MHz)	MEASURED VLAUE (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Low	5 180.00	20.88	11.80	24.00	12.20
	Middle	5 220.00	20.93	9.97	24.00	14.03
	High	5 240.00	20.88	9.84	24.00	14.16
5 250 ~ 5 350	Low	5 260.00	21.18	14.61	24.00	9.39
	Middle	5 300.00	21.18	14.09	24.00	9.91
	High	5 320.00	21.18	14.33	24.00	9.67
5 470 ~ 5 725	Low	5 500.00	21.18	14.76	24.00	9.24
	Middle	5 560.00	21.23	14.66	24.00	9.34
	High	5 700.00	21.18	14.94	24.00	9.06
5 725 ~ 5 850	Low	5 745.00	21.23	14.24	30.00	15.76
	Middle	5 785.00	21.23	14.27	30.00	15.73
	High	5 825.00	21.23	13.93	30.00	16.07

Remark: See next page for measurement data.

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

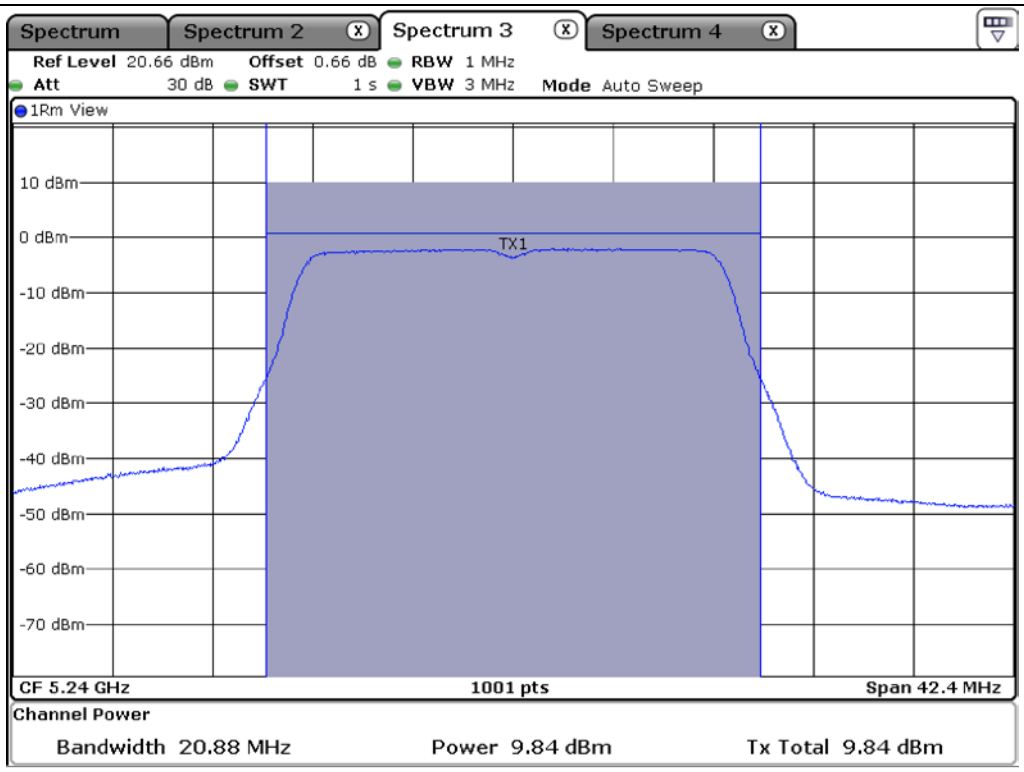


Low Channel @ 5 180 MHz (26 dB Bandwidth)



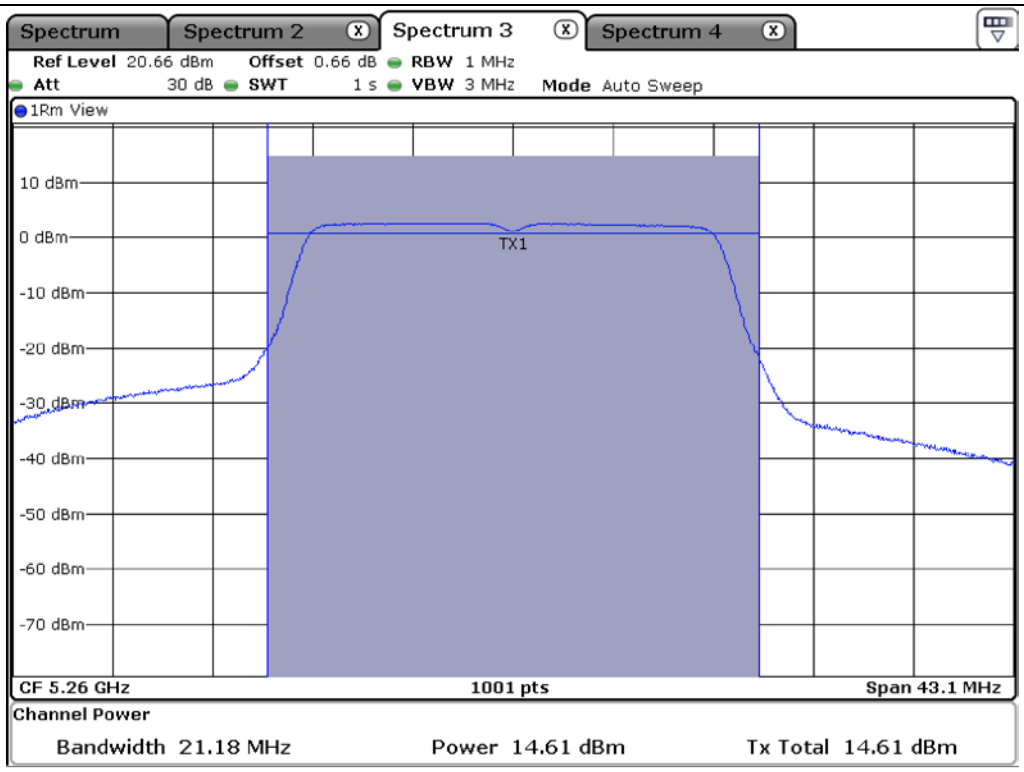
Middle Channel @ 5 220 MHz (26 dB Bandwidth)

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

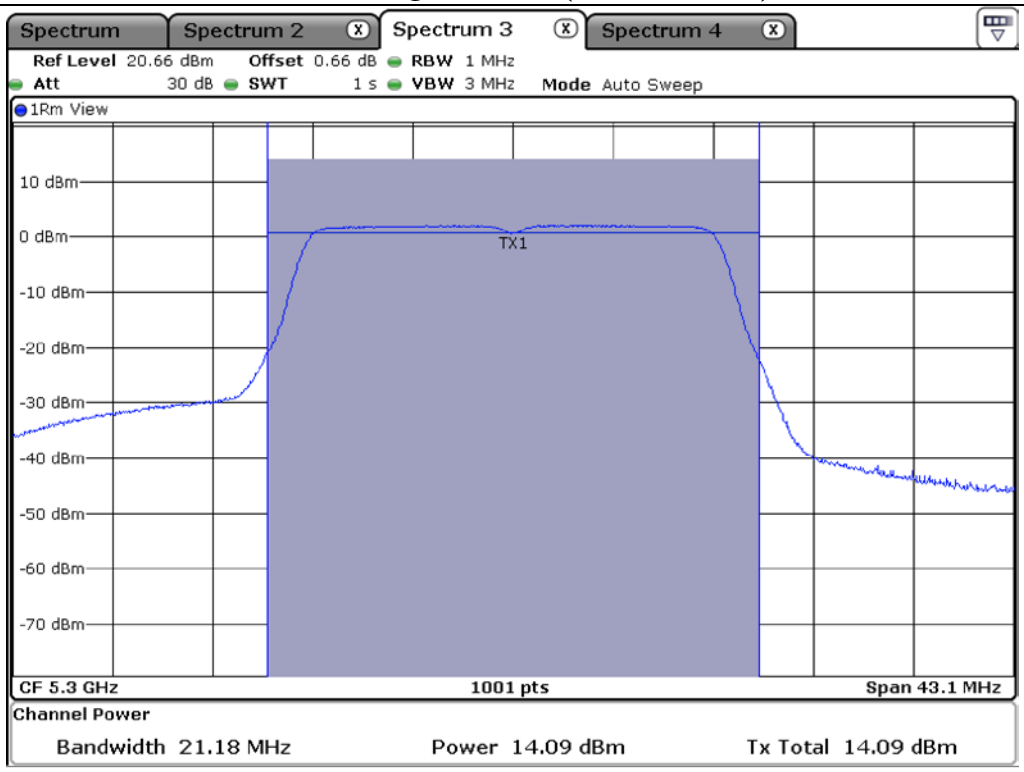


High Channel @ 5 240 MHz (26 dB Bandwidth)

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

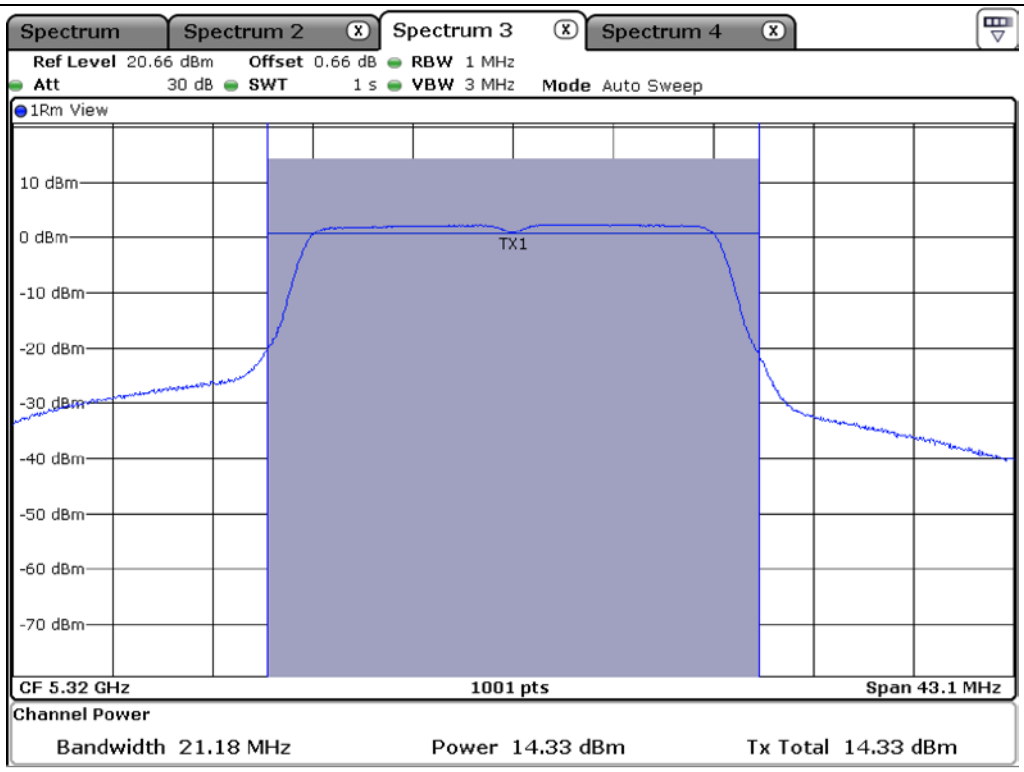


Low Channel @ 5 260 MHz (26 dB Bandwidth)



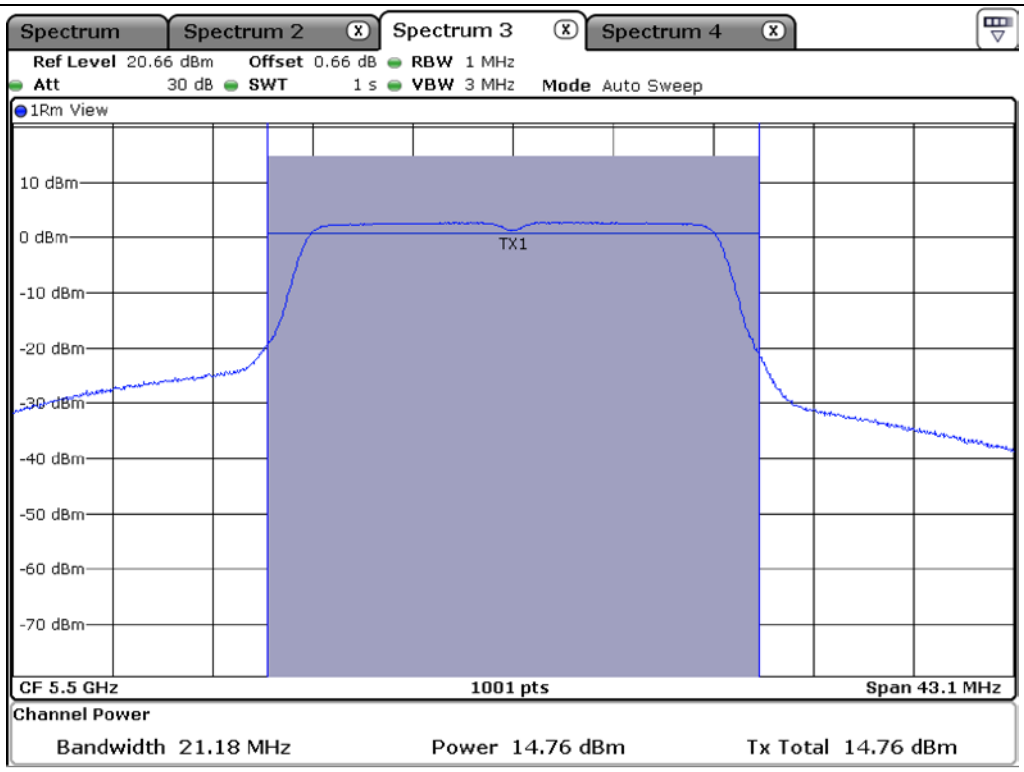
Middle Channel @ 5 300 MHz (26 dB Bandwidth)

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

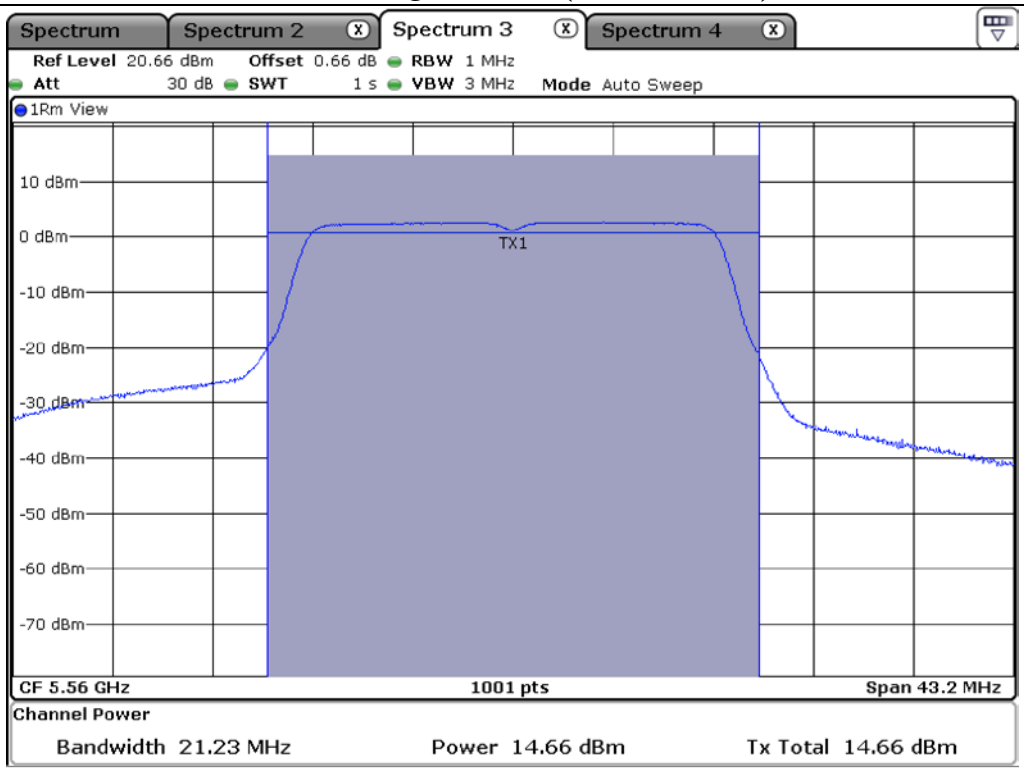


High Channel @ 5 320 MHz (26 dB Bandwidth)

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

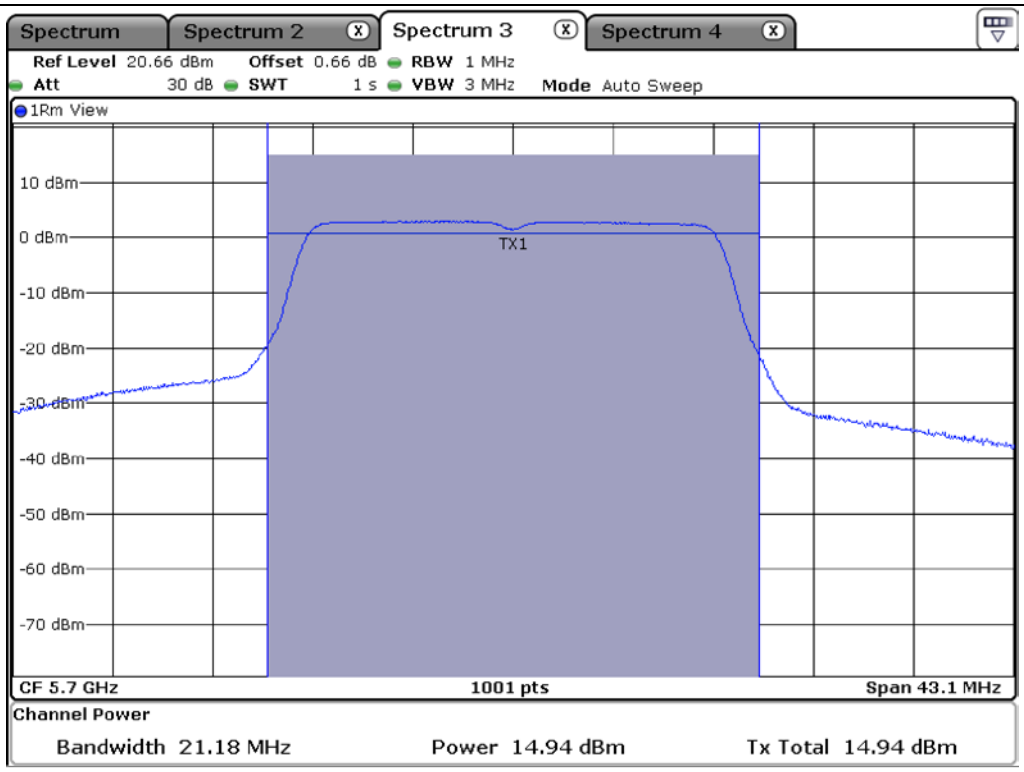


Low Channel @ 5 500 MHz (26 dB Bandwidth)

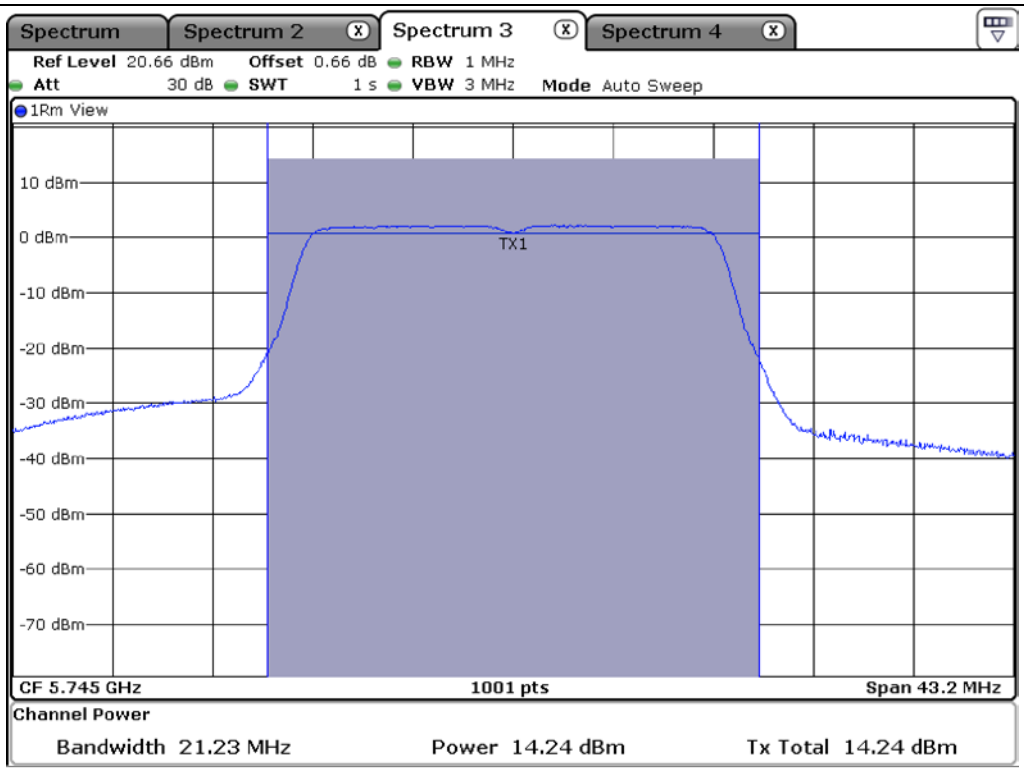


Middle Channel @ 5 560 MHz (26 dB Bandwidth)

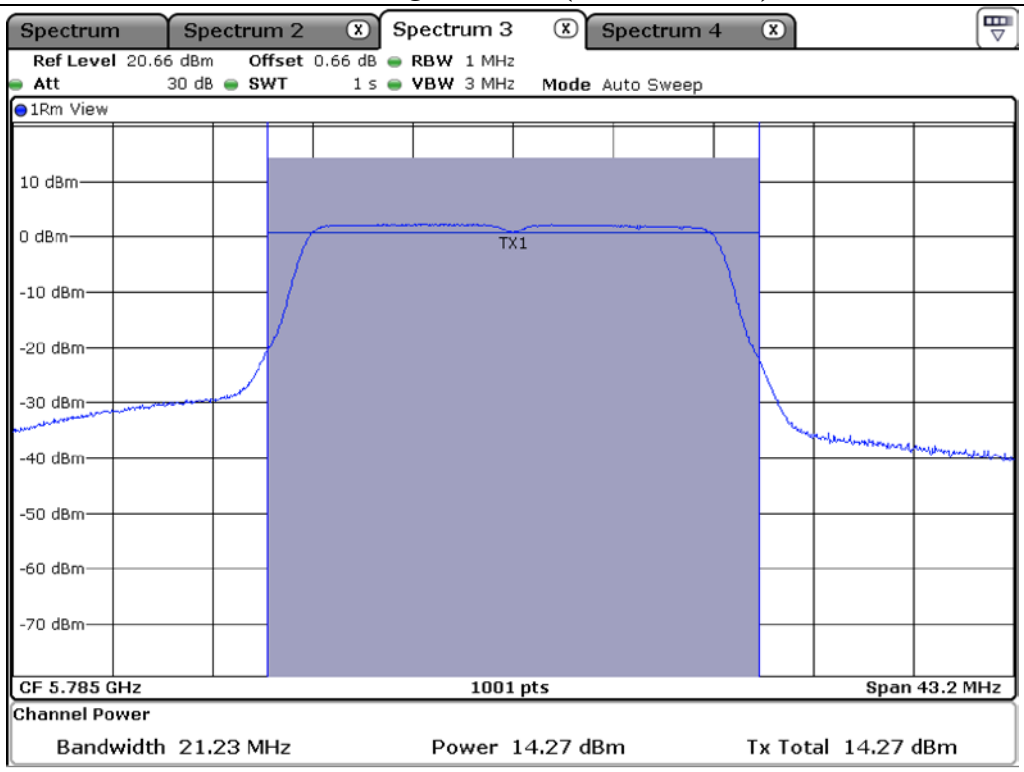
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



High Channel @ 5 700 MHz (26 dB Bandwidth)

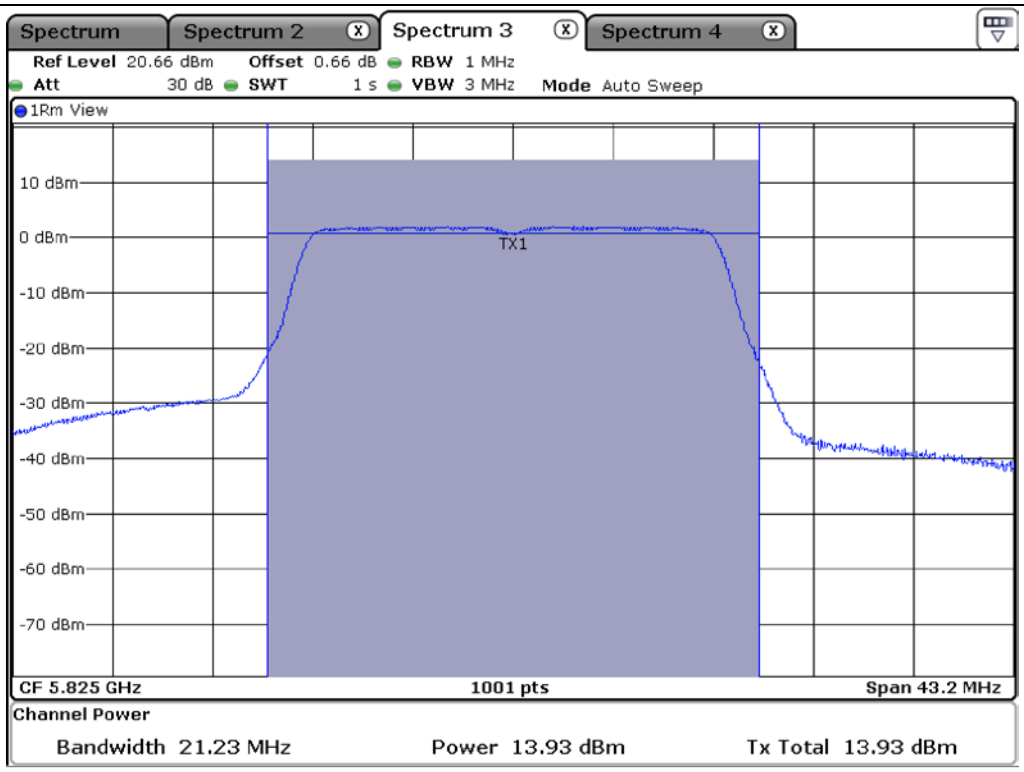


Low Channel @ 5 745 MHz (26 dB Bandwidth)



Middle Channel @ 5 785 MHz (26 dB Bandwidth)

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



High Channel @ 5 825 MHz (26 dB Bandwidth)

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

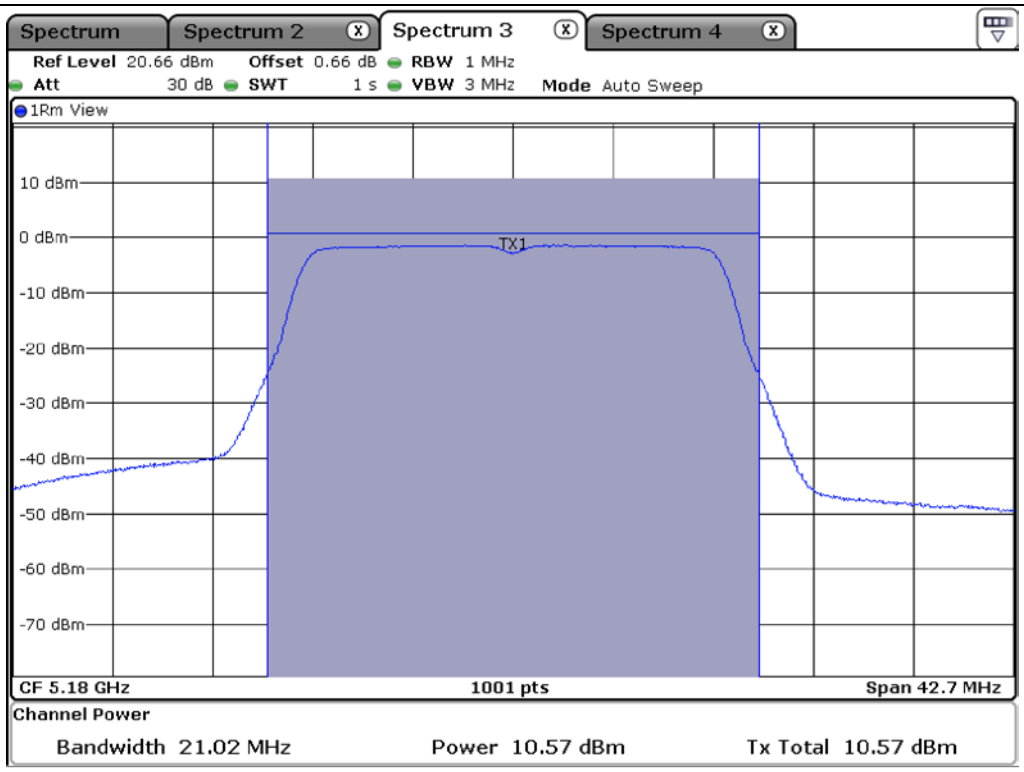
9.6.2 Test data for Antenna 1

-. Test Result : Pass

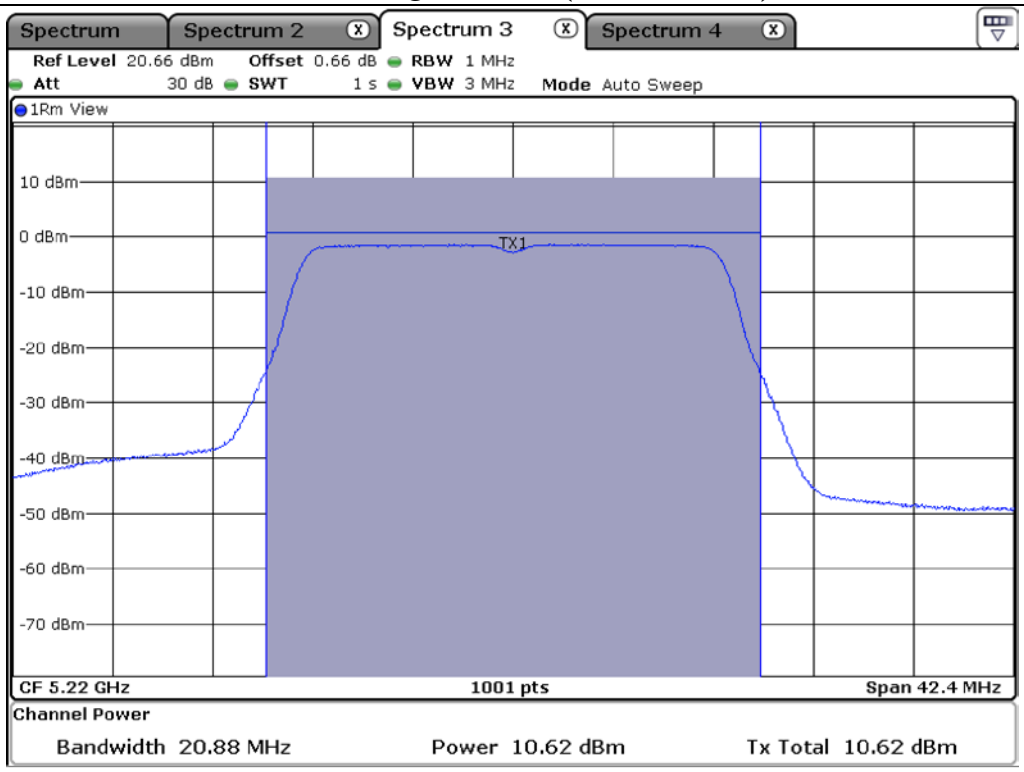
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB & 6 dB Bandwidth (MHz)	MEASURED VLAUE (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Low	5 180.00	21.03	10.57	24.00	13.43
	Middle	5 220.00	20.88	10.62	24.00	13.38
	High	5 240.00	20.88	10.43	24.00	13.57
5 250 ~ 5 350	Low	5 260.00	21.08	14.54	24.00	9.46
	Middle	5 300.00	21.13	14.09	24.00	9.91
	High	5 320.00	21.18	14.23	24.00	9.77
5 470 ~ 5 725	Low	5 500.00	21.23	14.97	24.00	9.03
	Middle	5 560.00	20.98	14.04	24.00	9.96
	High	5 700.00	21.13	14.50	24.00	9.50
5 725 ~ 5 850	Low	5 745.00	20.98	14.33	30.00	15.67
	Middle	5 785.00	21.23	14.84	30.00	15.16
	High	5 825.00	21.18	14.42	30.00	15.58

Remark: See next page for measurement data.

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

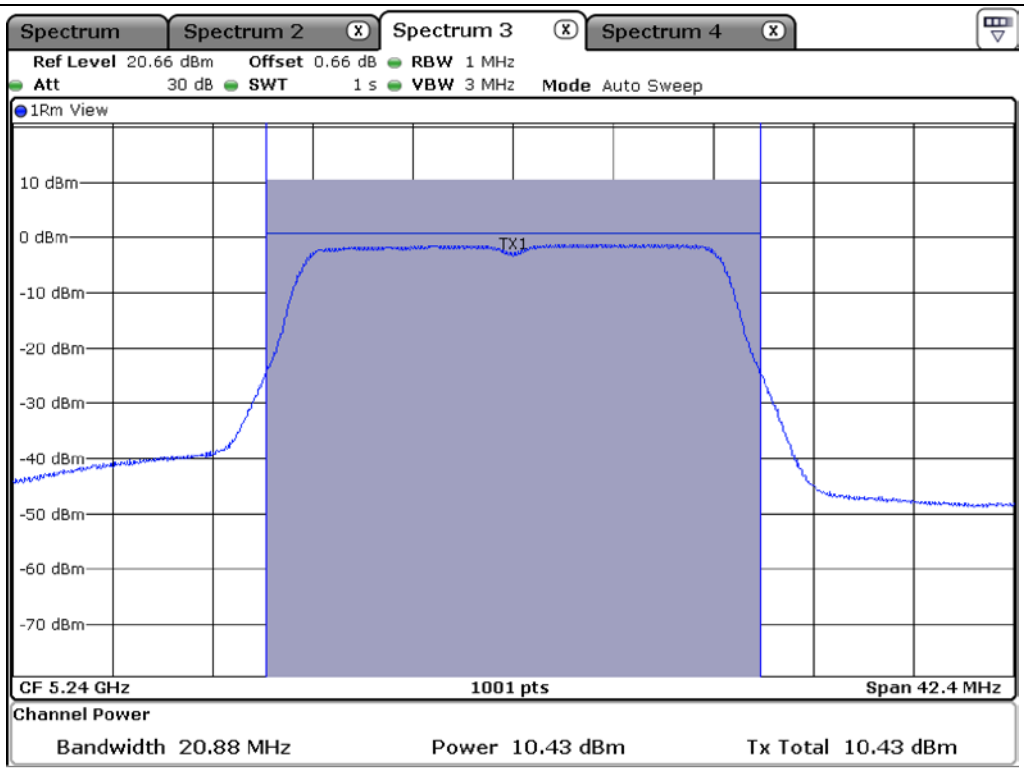


Low Channel @ 5 180 MHz (26 dB Bandwidth)

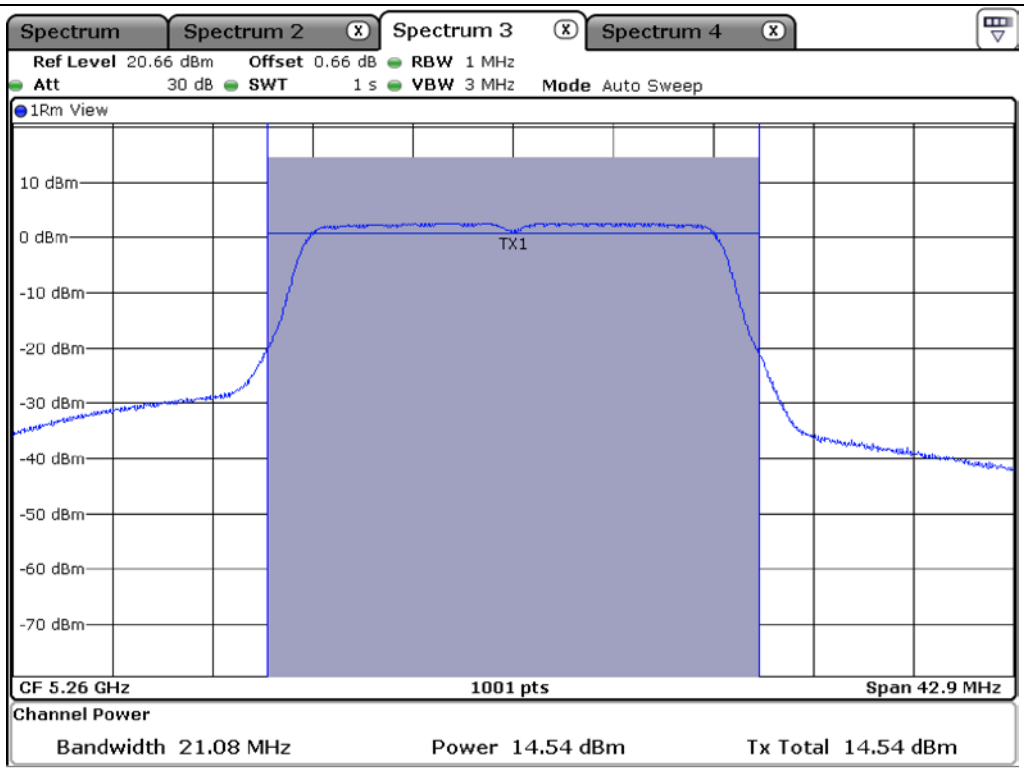


Middle Channel @ 5 220 MHz (26 dB Bandwidth)

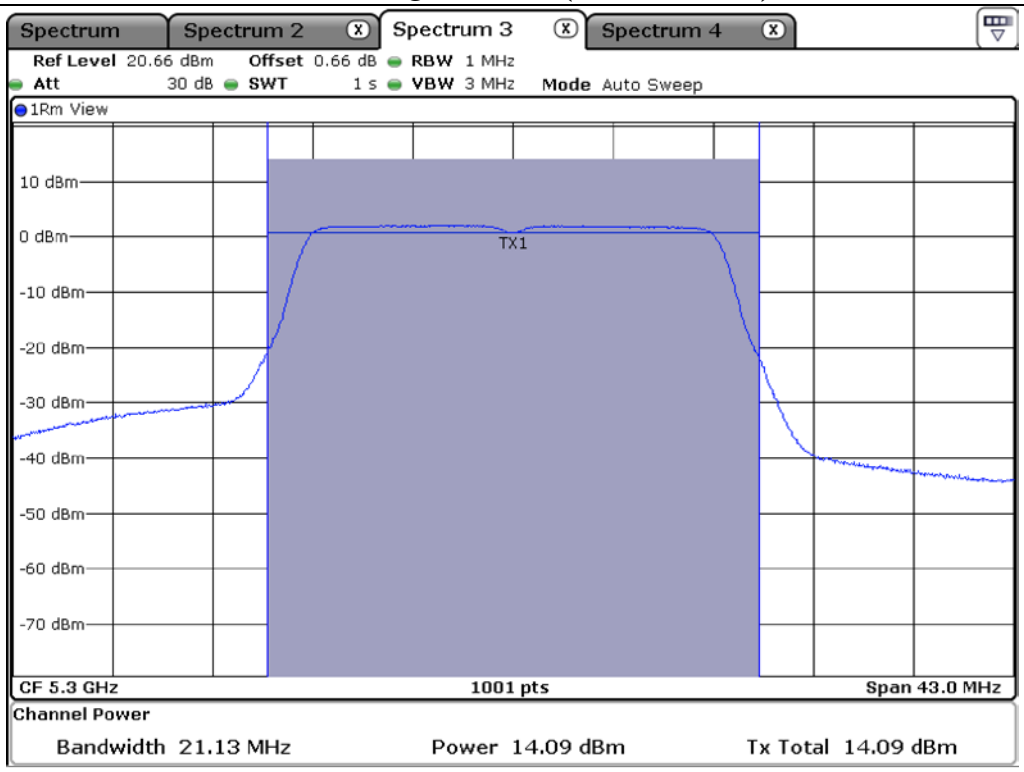
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



High Channel @ 5 240 MHz (26 dB Bandwidth)

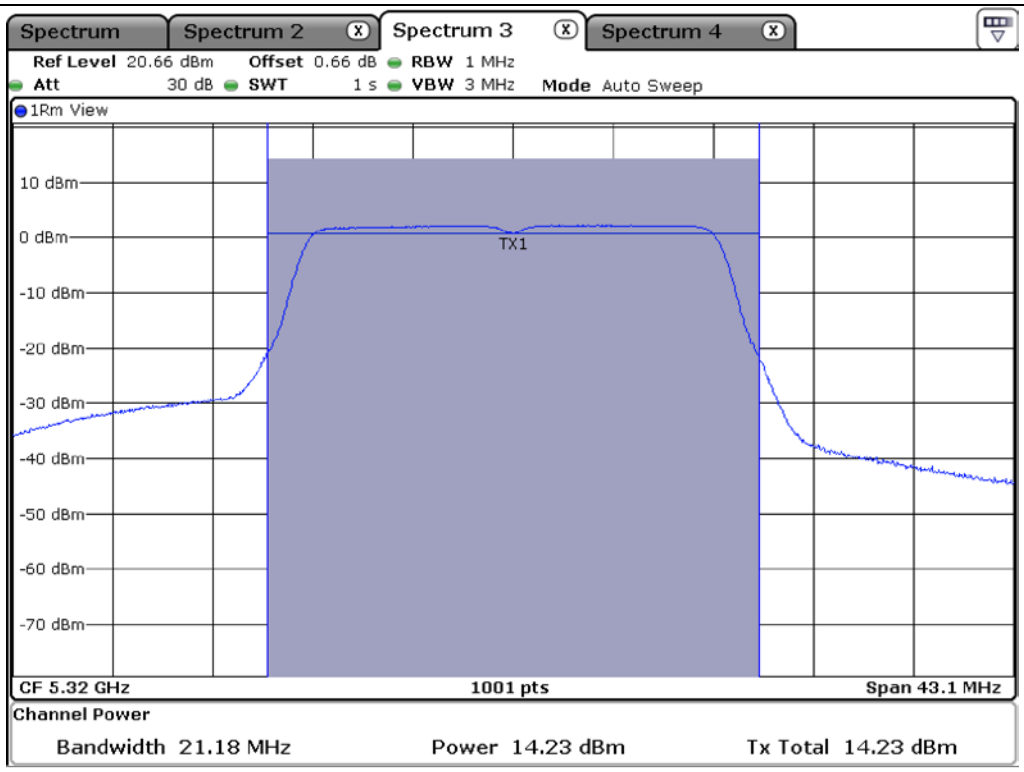


Low Channel @ 5 260 MHz (26 dB Bandwidth)



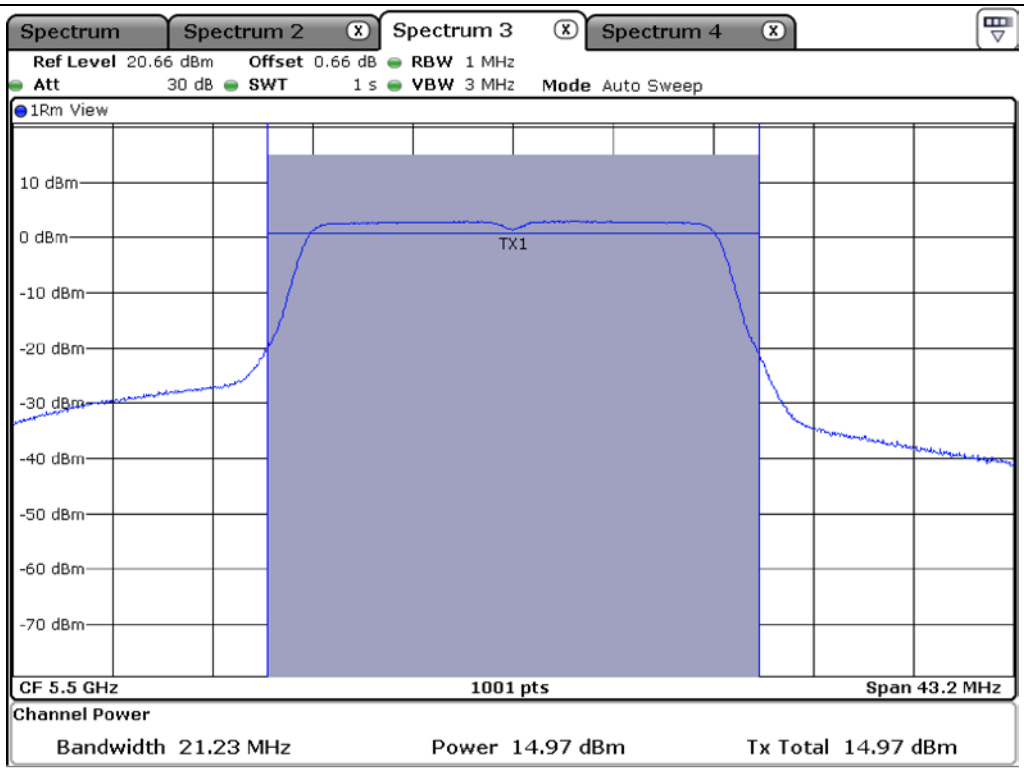
Middle Channel @ 5 300 MHz (26 dB Bandwidth)

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

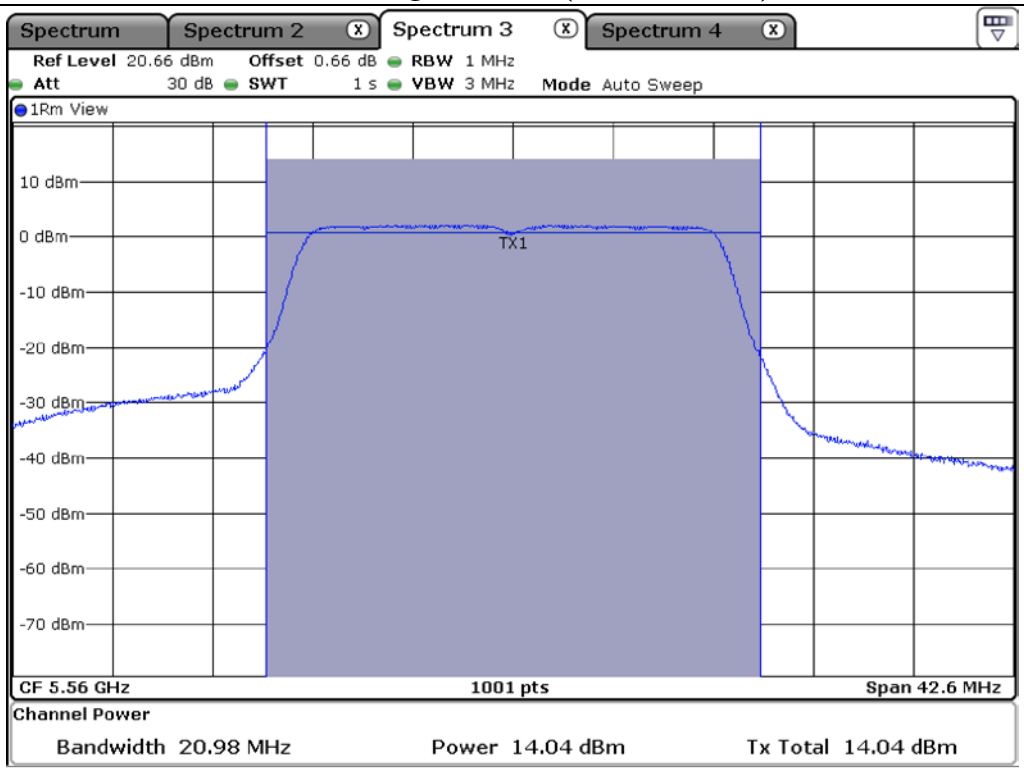


High Channel @ 5 320 MHz (26 dB Bandwidth)

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

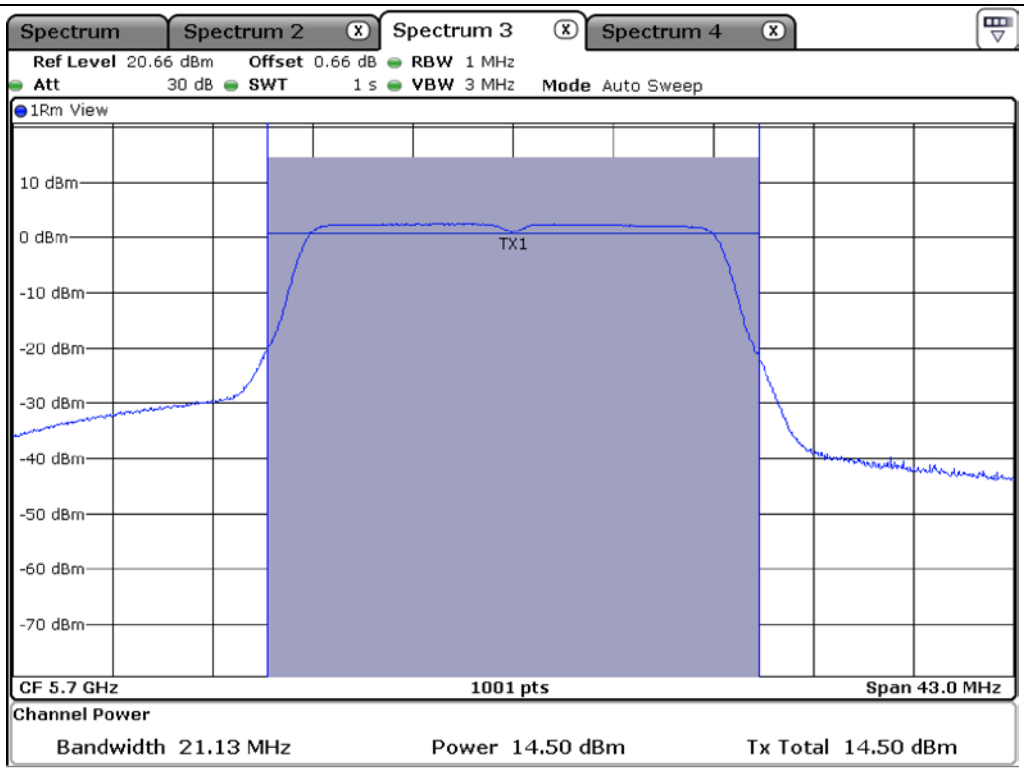


Low Channel @ 5 500 MHz (26 dB Bandwidth)

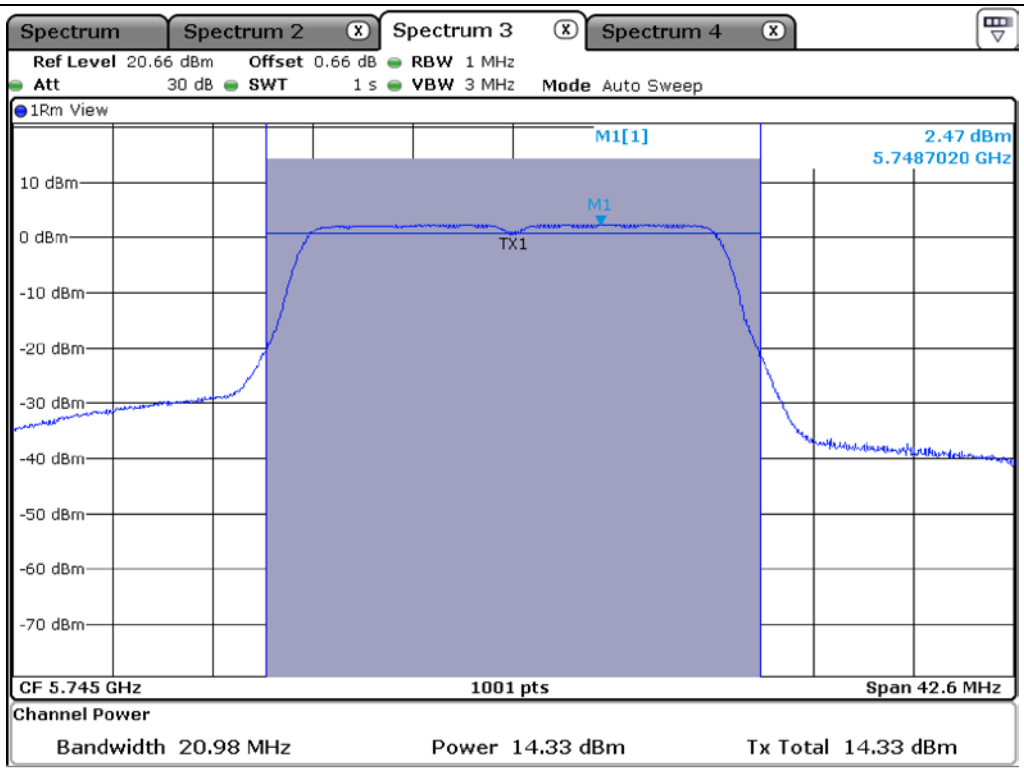


Middle Channel @ 5 560 MHz (26 dB Bandwidth)

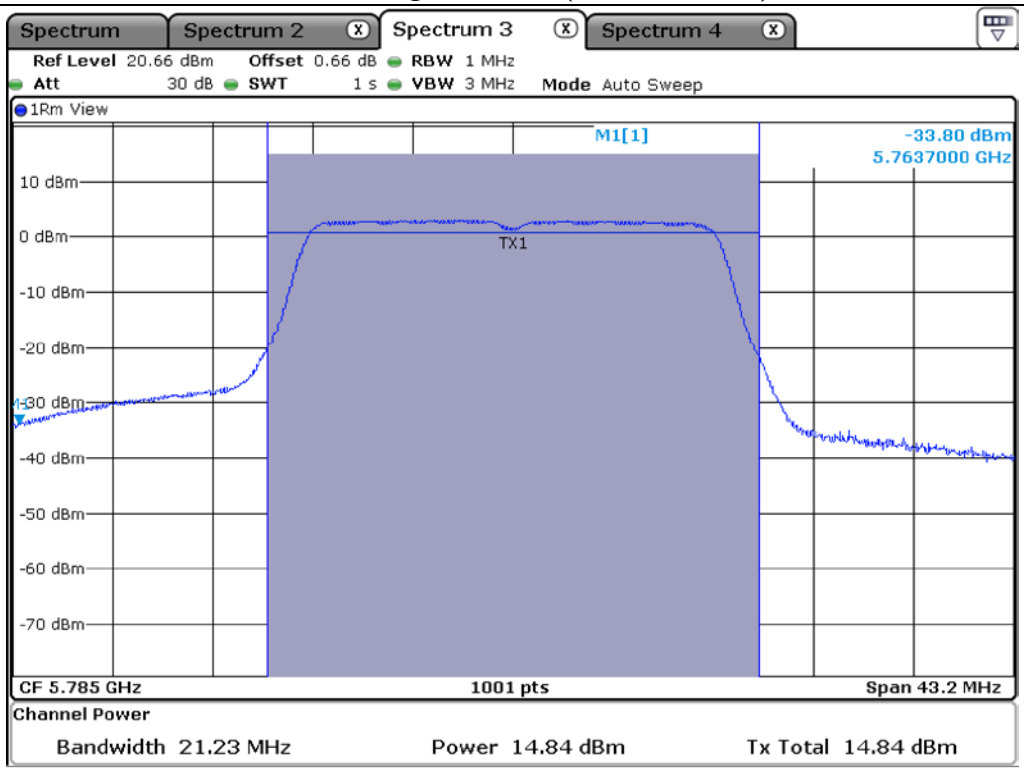
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



High Channel @ 5 700 MHz (26 dB Bandwidth)

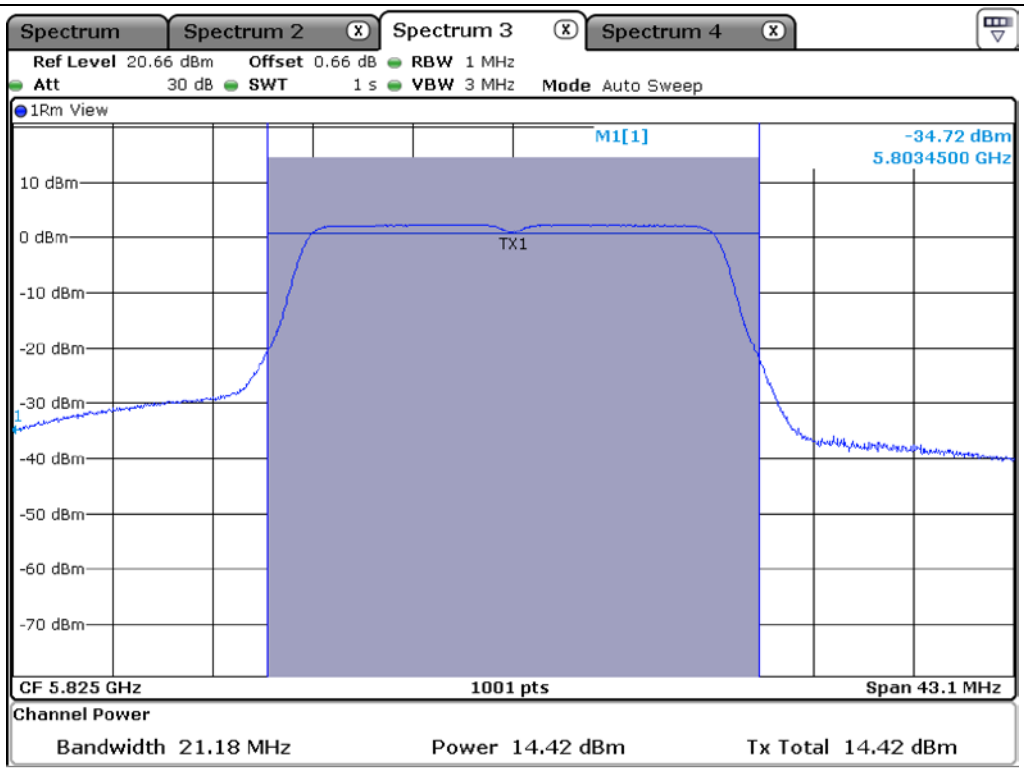


Low Channel @ 5 745 MHz (26 dB Bandwidth)



Middle Channel @ 5 785 MHz (26 dB Bandwidth)

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



High Channel @ 5 825 MHz (26 dB Bandwidth)

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

9.6.3 Test data for Multiple Transmit

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	MEASURED VLAUE (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Low	5 180.00	14.24	24.00	9.76
	Middle	5 220.00	13.32	24.00	10.68
	High	5 240.00	13.16	24.00	10.84
5 250 ~ 5 350	Low	5 260.00	17.59	24.00	6.41
	Middle	5 300.00	17.10	24.00	6.90
	High	5 320.00	17.29	24.00	6.71
5 470 ~ 5 725	Low	5 500.00	17.88	24.00	6.12
	Middle	5 560.00	17.37	24.00	6.63
	High	5 700.00	17.74	24.00	6.26
5 725 ~ 5 850	Low	5 745.00	17.30	30.00	12.70
	Middle	5 785.00	17.57	30.00	12.43
	High	5 825.00	17.19	30.00	12.81

9.7 Test data for 802.11n_HT40 RLAN Mode

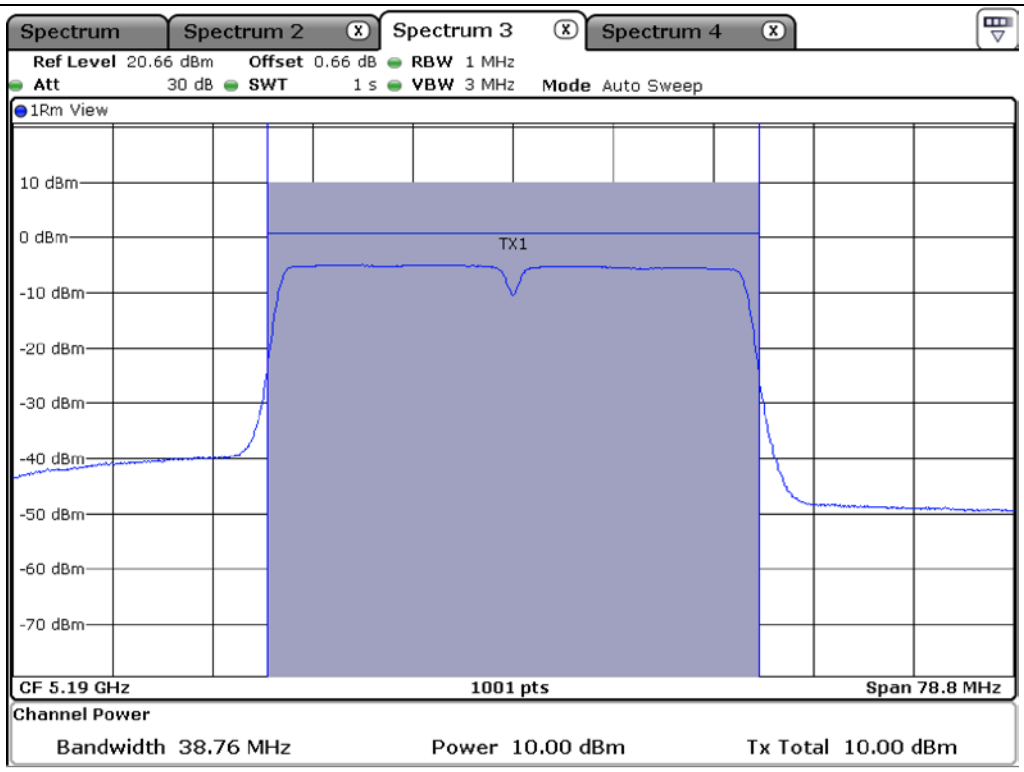
9.7.1 Test data for Antenna 0

-. Test Result : Pass

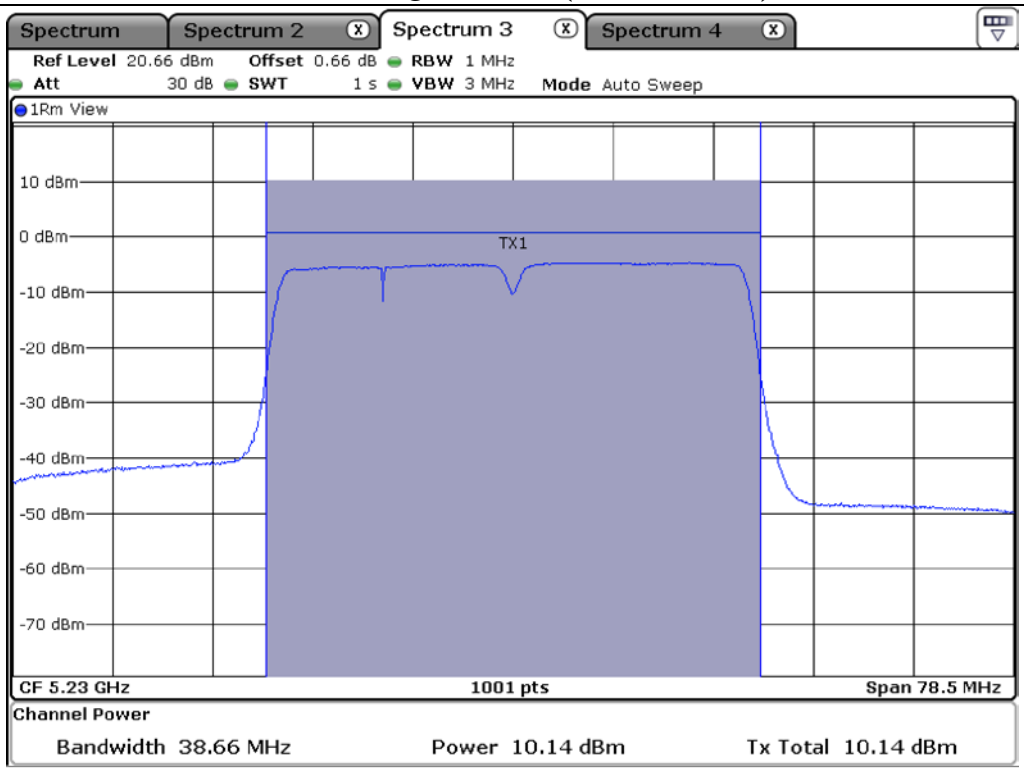
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB & 6 dB Bandwidth (MHz)	MEASURED VLAUE (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Low	5 190.00	38.76	10.00	24.00	14.00
	High	5 230.00	38.66	10.14	24.00	13.86
5 250 ~ 5 350	Low	5 270.00	38.96	14.10	24.00	9.90
	High	5 310.00	38.96	13.14	24.00	10.86
5 470 ~ 5 725	Low	5 510.00	38.96	14.81	24.00	9.19
	Middle	5 550.00	39.16	14.44	24.00	9.56
	High	5 670.00	39.06	14.43	24.00	9.57
5 725 ~ 5 850	Low	5 755.00	38.76	13.40	30.00	16.60
	High	5 795.00	38.76	13.88	30.00	16.12

Remark: See next page for measurement data.

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

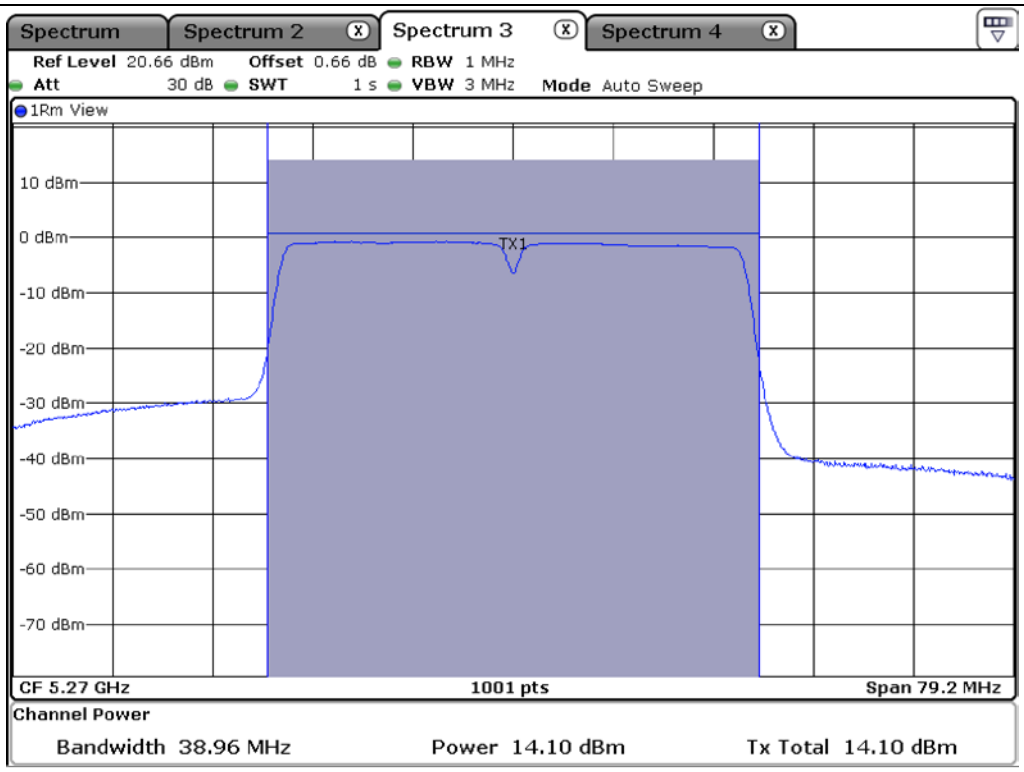


Low Channel @ 5 190 MHz (26 dB Bandwidth)

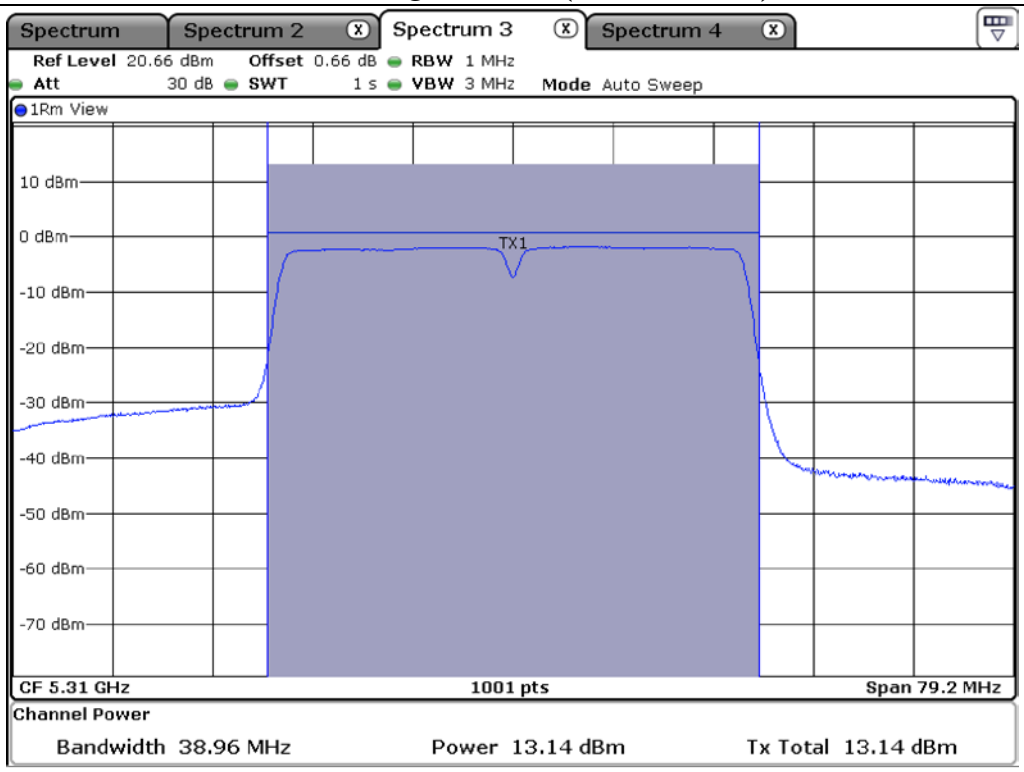


High Channel @ 5 230 MHz (26 dB Bandwidth)

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

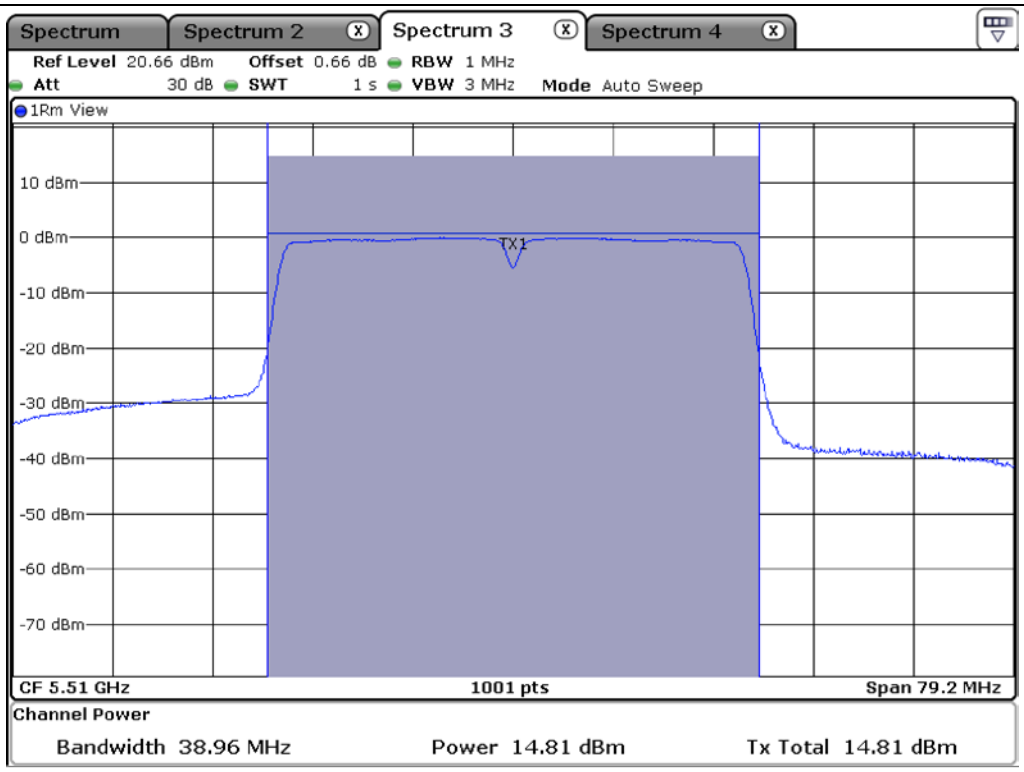


Low Channel @ 5 270 MHz (26 dB Bandwidth)

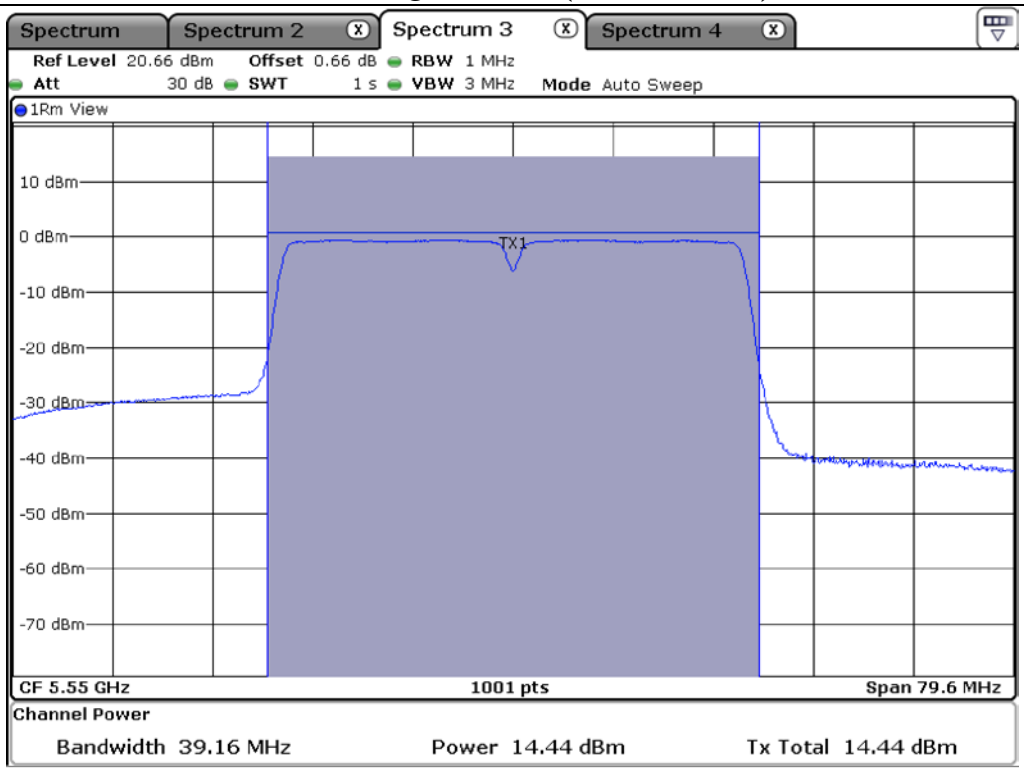


High Channel @ 5 310 MHz (26 dB Bandwidth)

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

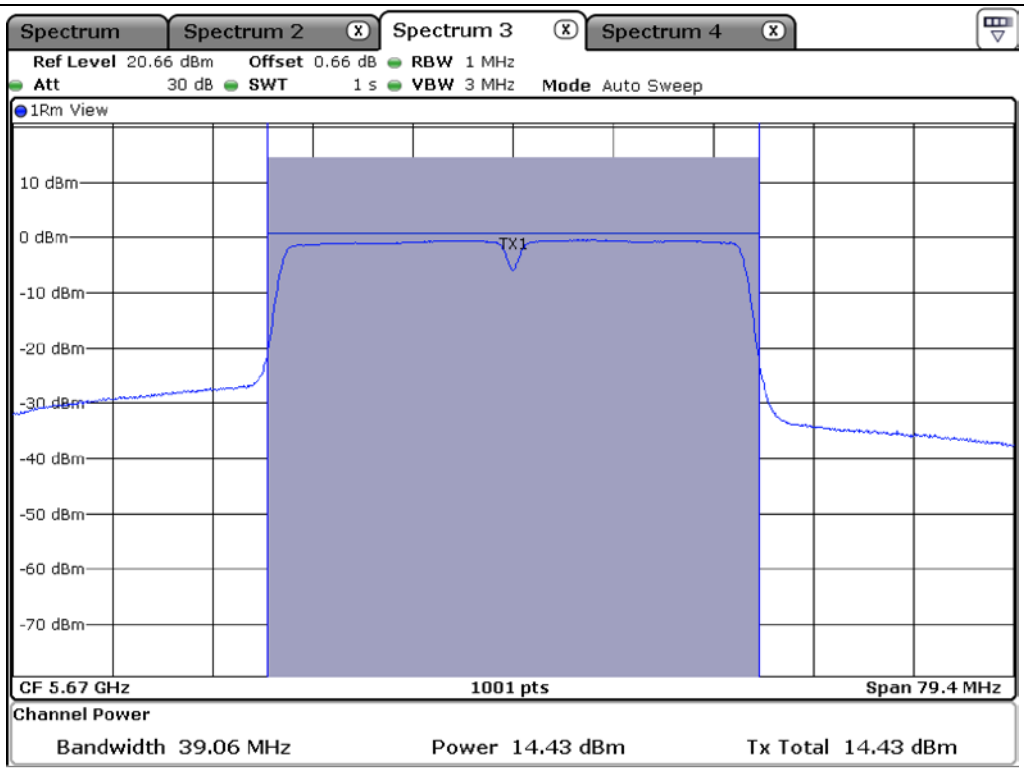


Low Channel @ 5 510 MHz (26 dB Bandwidth)



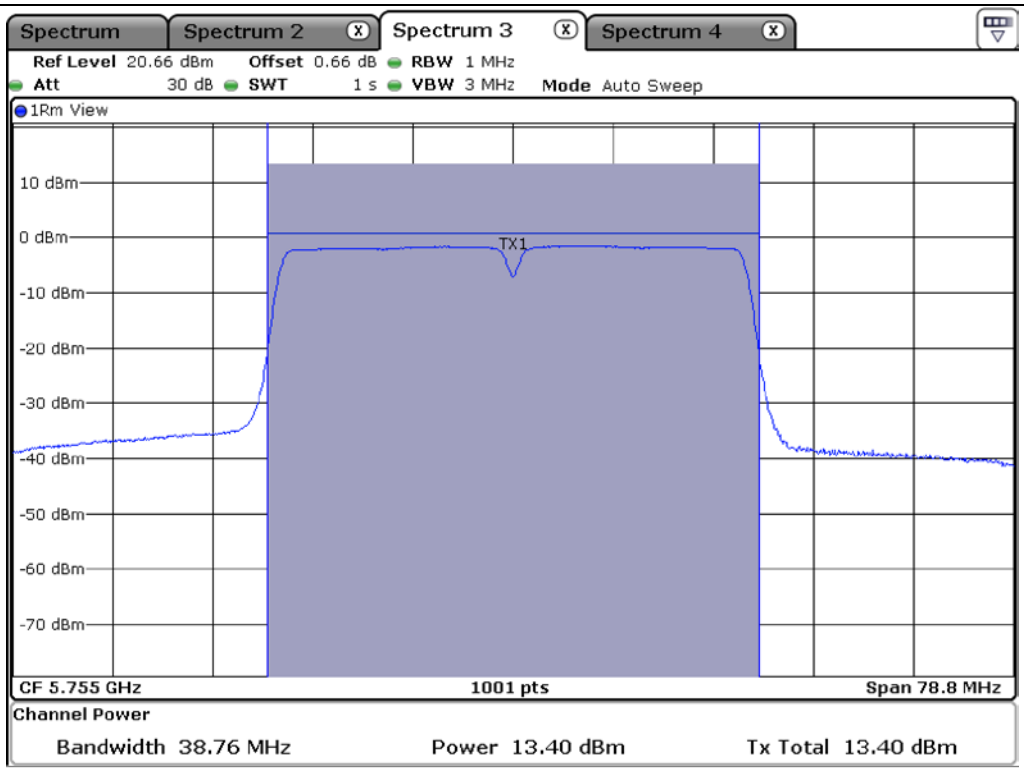
Middle Channel @ 5 550 MHz (26 dB Bandwidth)

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

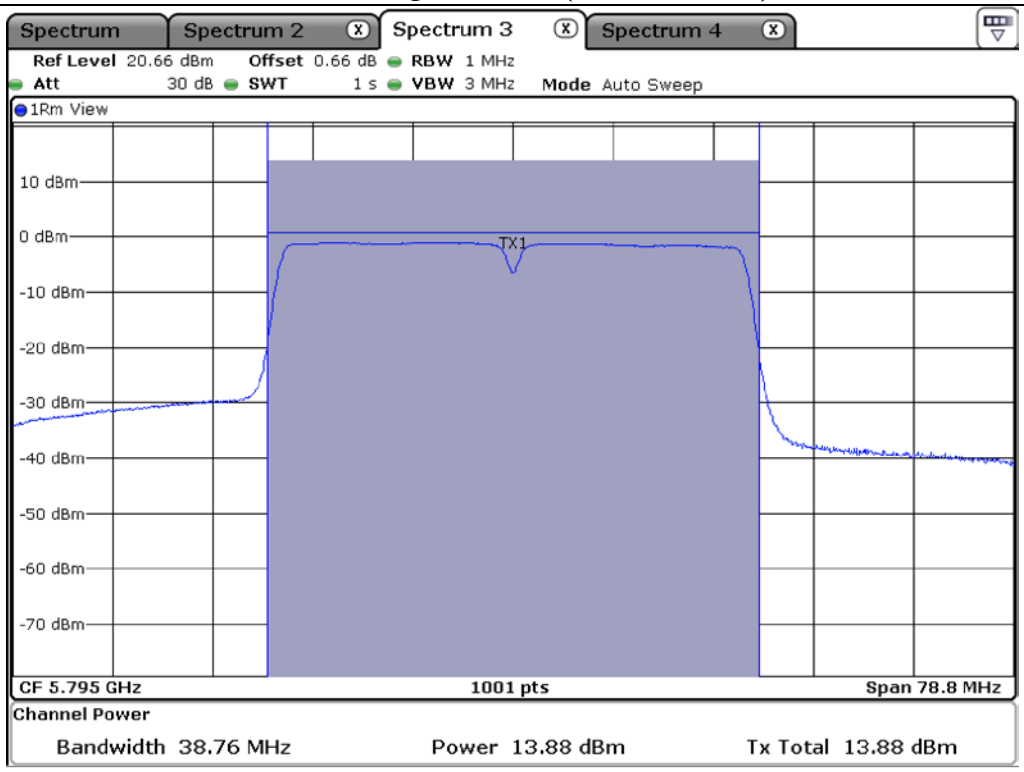


High Channel @ 5 670 MHz (26 dB Bandwidth)

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



Low Channel @ 5 755 MHz (26 dB Bandwidth)



High Channel @ 5 795 MHz (26 dB Bandwidth)

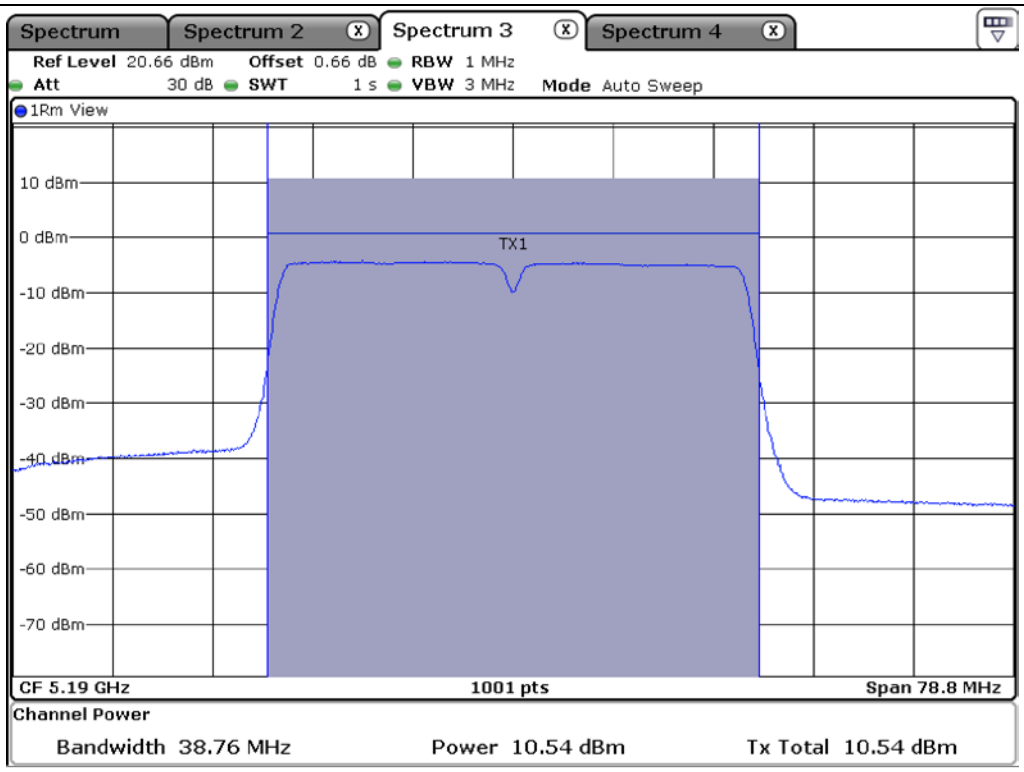
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

9.7.2 Test data for Antenna 1

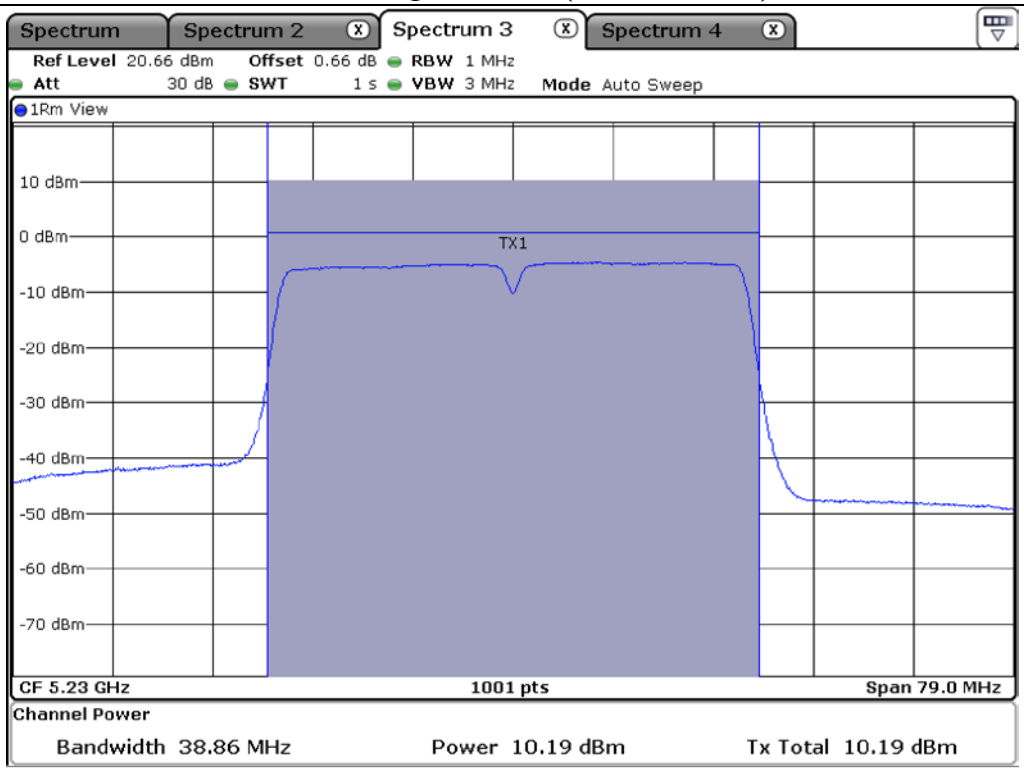
-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB & 6 dB Bandwidth (MHz)	MEASURED VLAUE (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Low	5 190.00	38.76	10.54	24.00	13.46
	High	5 230.00	38.86	10.19	24.00	13.81
5 250 ~ 5 350	Low	5 270.00	38.76	13.56	24.00	10.44
	High	5 310.00	39.06	13.52	24.00	10.48
5 470 ~ 5 725	Low	5 510.00	38.96	14.32	24.00	9.68
	Middle	5 550.00	38.96	14.02	24.00	9.98
	High	5 670.00	39.16	13.95	24.00	10.05
5 725 ~ 5 850	Low	5 755.00	38.86	14.36	30.00	15.64
	High	5 795.00	38.86	14.69	30.00	15.31

Remark: See next page for measurement data.

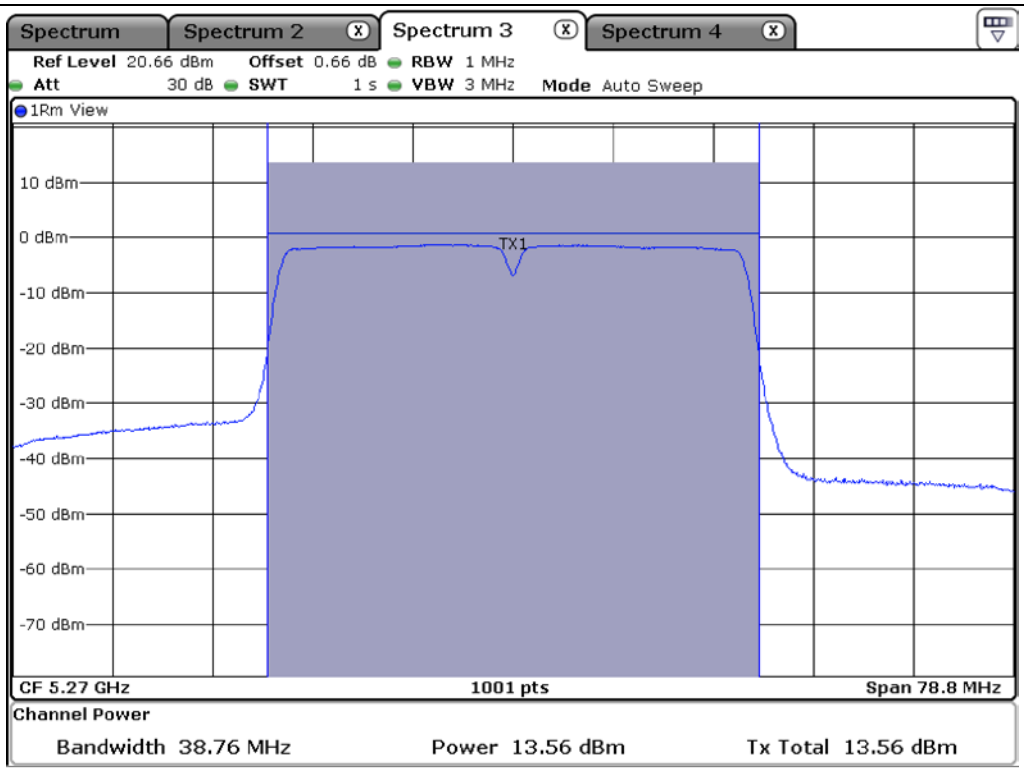


Low Channel @ 5 190 MHz (26 dB Bandwidth)

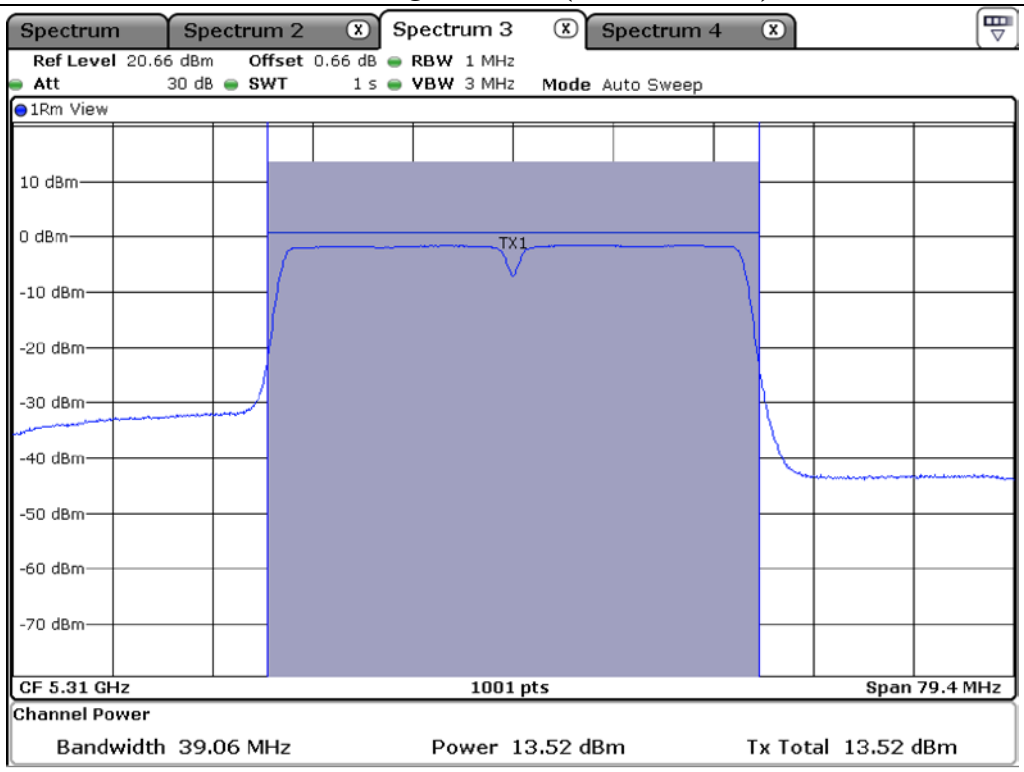


High Channel @ 5 230 MHz (26 dB Bandwidth)

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

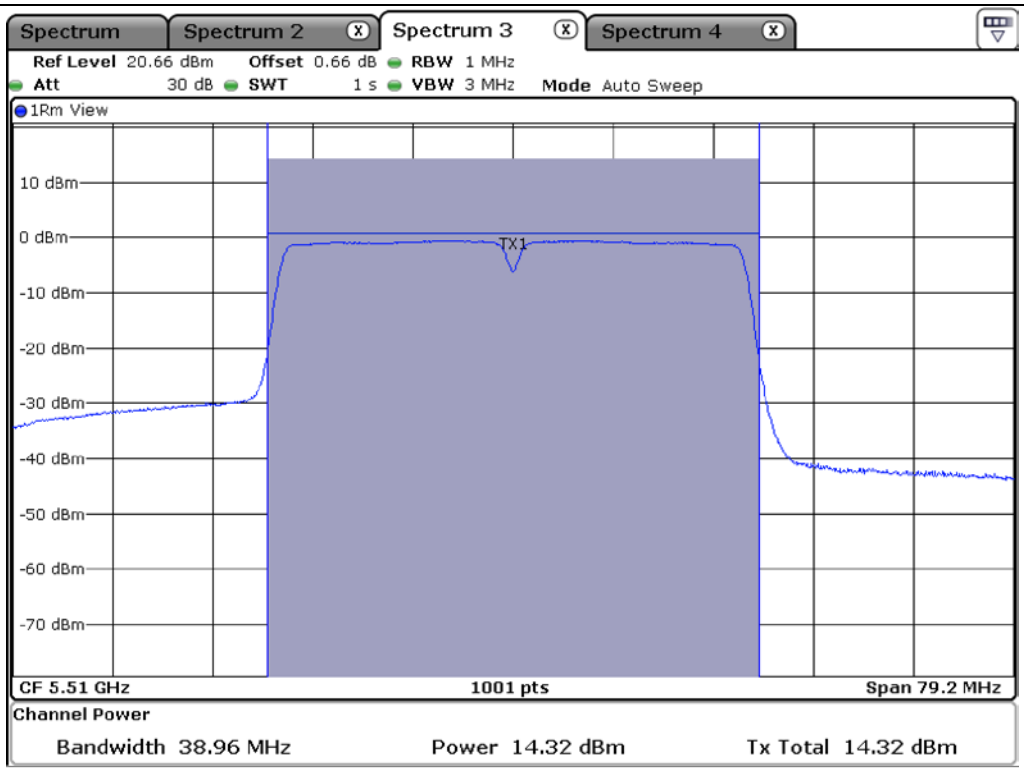


Low Channel @ 5 270 MHz (26 dB Bandwidth)

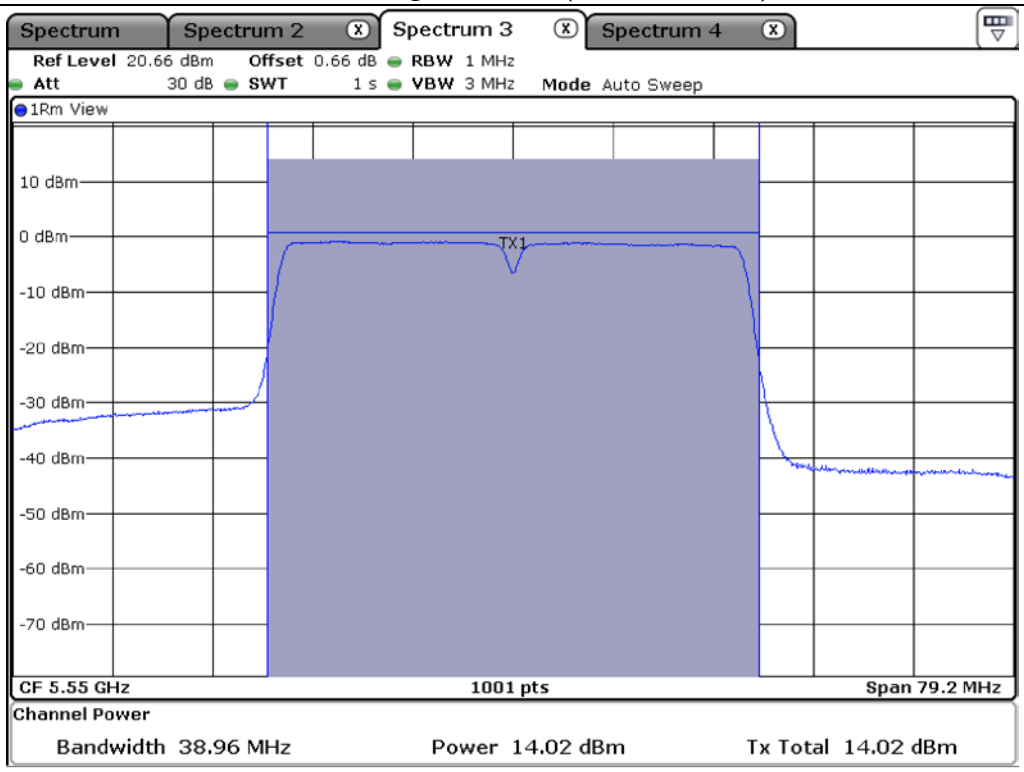


High Channel @ 5 310 MHz (26 dB Bandwidth)

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

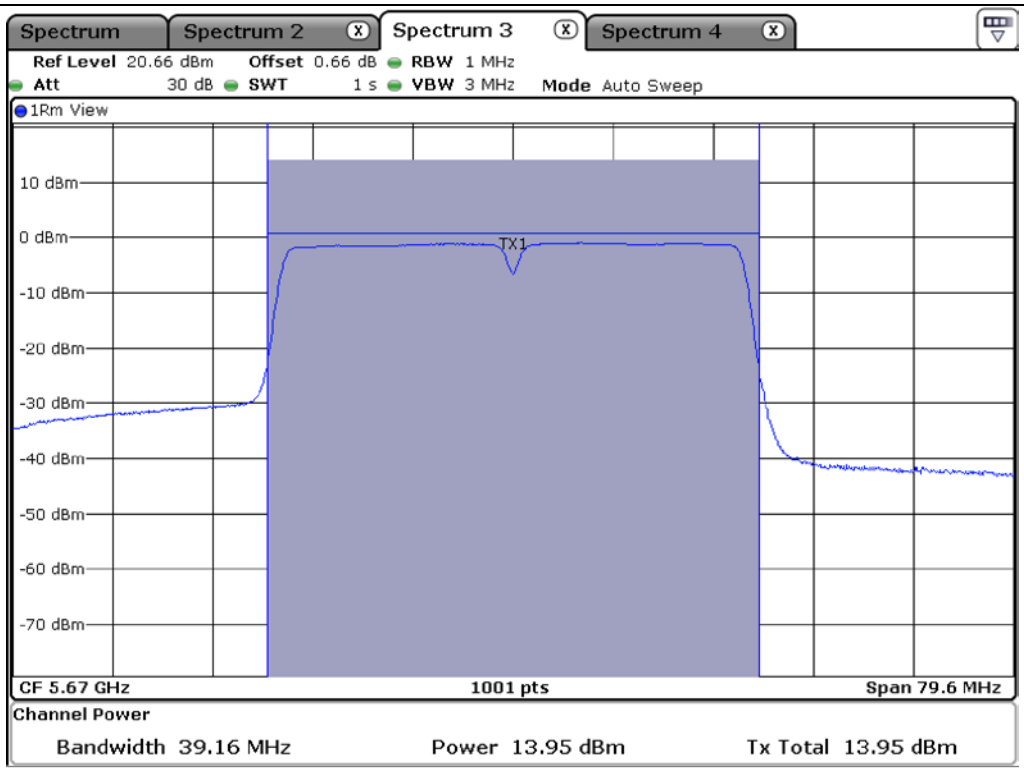


Low Channel @ 5 510 MHz (26 dB Bandwidth)

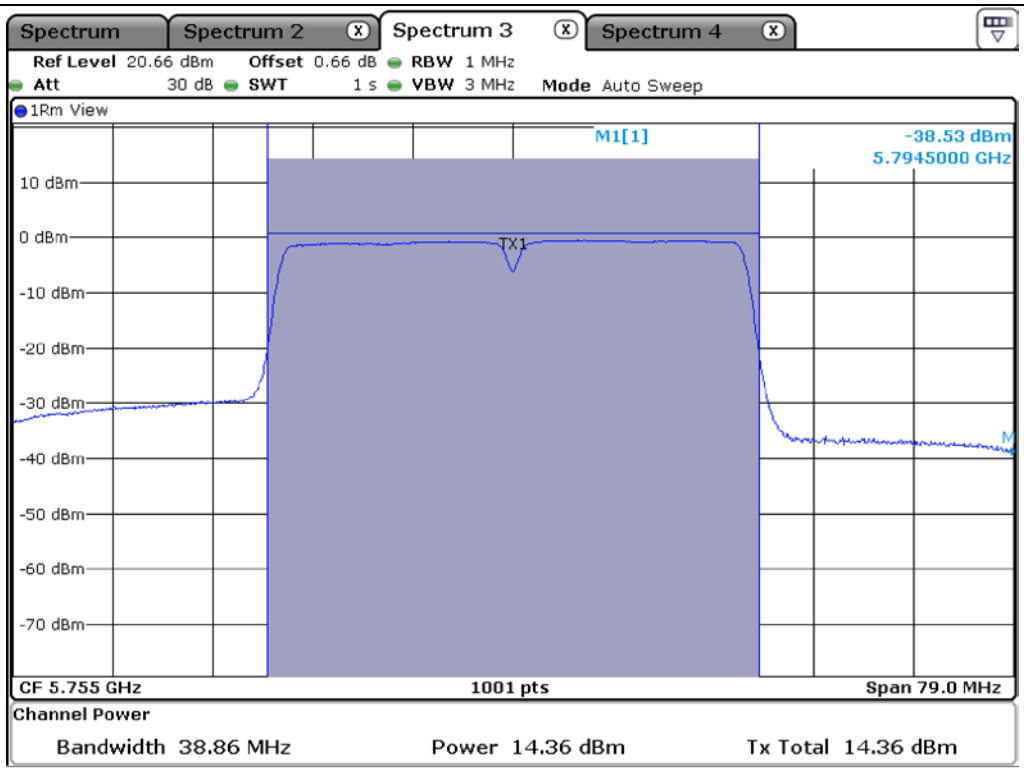


Middle Channel @ 5 550 MHz (26 dB Bandwidth)

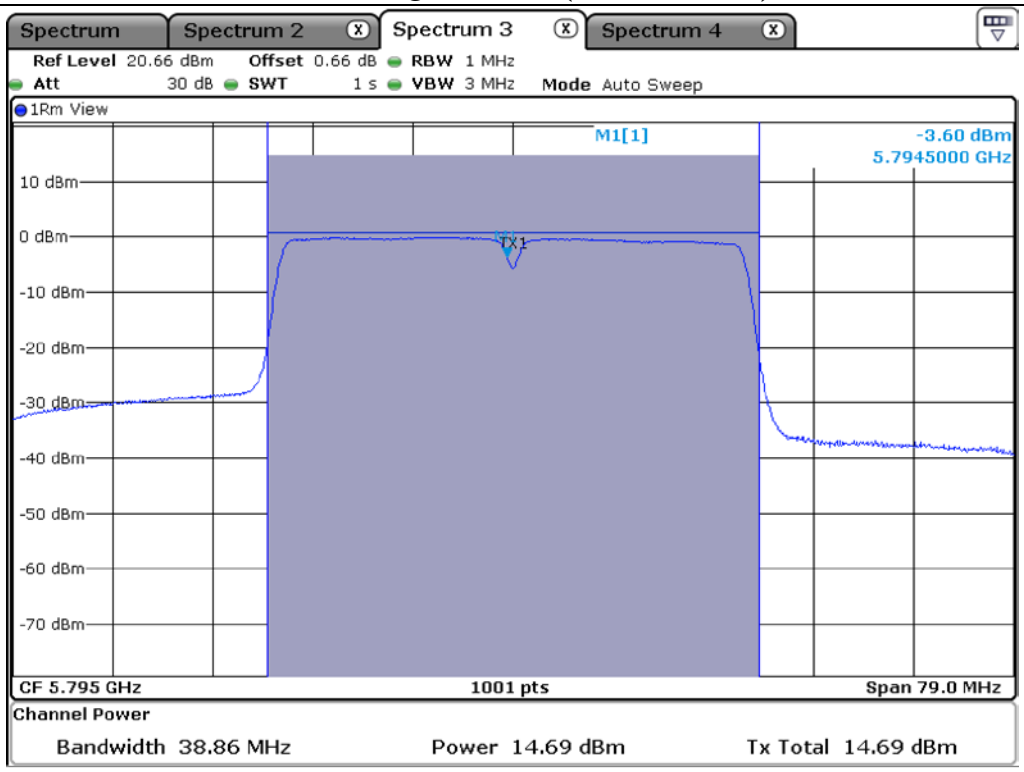
ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)



High Channel @ 5 670 MHz (26 dB Bandwidth)



Low Channel @ 5 755 MHz (26 dB Bandwidth)



High Channel @ 5 795 MHz (26 dB Bandwidth)

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

9.7.3 Test data for Multiple Transmit

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	MEASURED VLAUE (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Low	5 190.00	13.29	24.00	10.71
	High	5 230.00	13.18	24.00	10.82
5 250 ~ 5 350	Low	5 270.00	16.85	24.00	7.15
	High	5 310.00	16.34	24.00	7.66
5 470 ~ 5 725	Low	5 510.00	17.58	24.00	6.42
	Middle	5 550.00	17.25	24.00	6.75
	High	5 670.00	17.21	24.00	6.79
5 725 ~ 5 850	Low	5 755.00	16.92	30.00	13.08
	High	5 795.00	17.31	30.00	12.69

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

9.8 Test data for 802.11ac_HT80 RLAN Mode

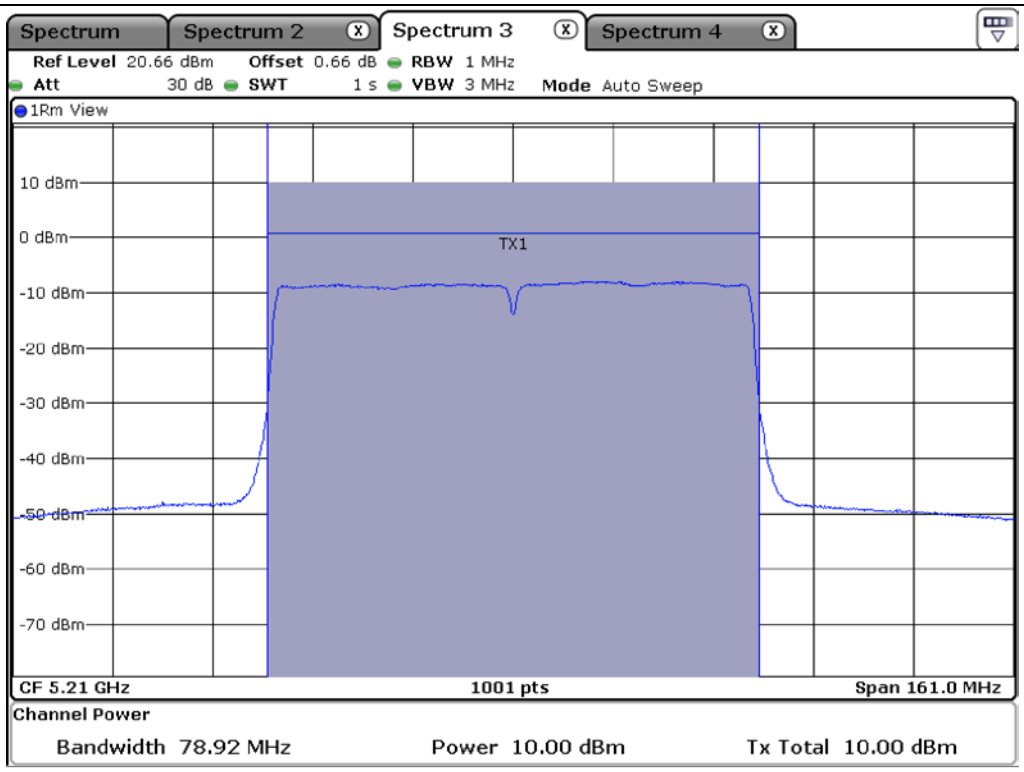
9.8.1 Test data for Antenna 0

-. Test Result : Pass

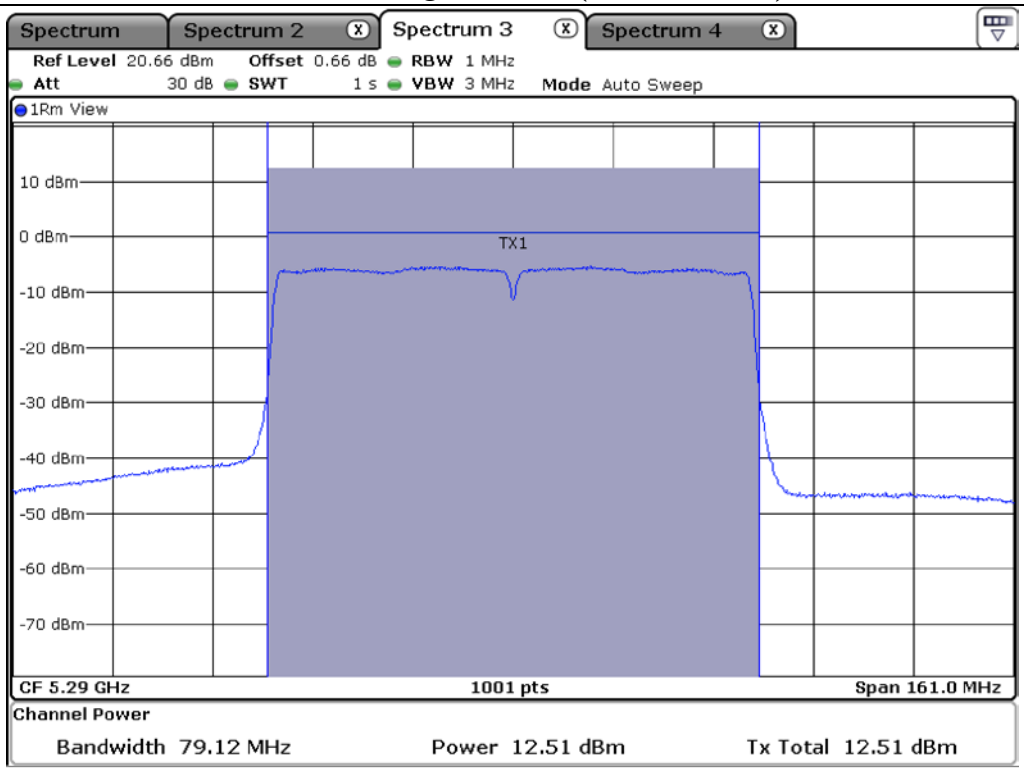
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB & 6 dB Bandwidth (MHz)	MEASURED VLAUE (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Middle	5 210.00	78.92	10.00	24.00	14.00
5 250 ~ 5 350	Middle	5 290.00	79.12	12.51	24.00	11.49
5 470 ~ 5 725	Middle	5 530.00	79.12	12.99	24.00	11.01
5 725 ~ 5 850	Middle	5 775.00	78.92	12.80	30.00	17.20

Remark: See next page for measurement data.

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

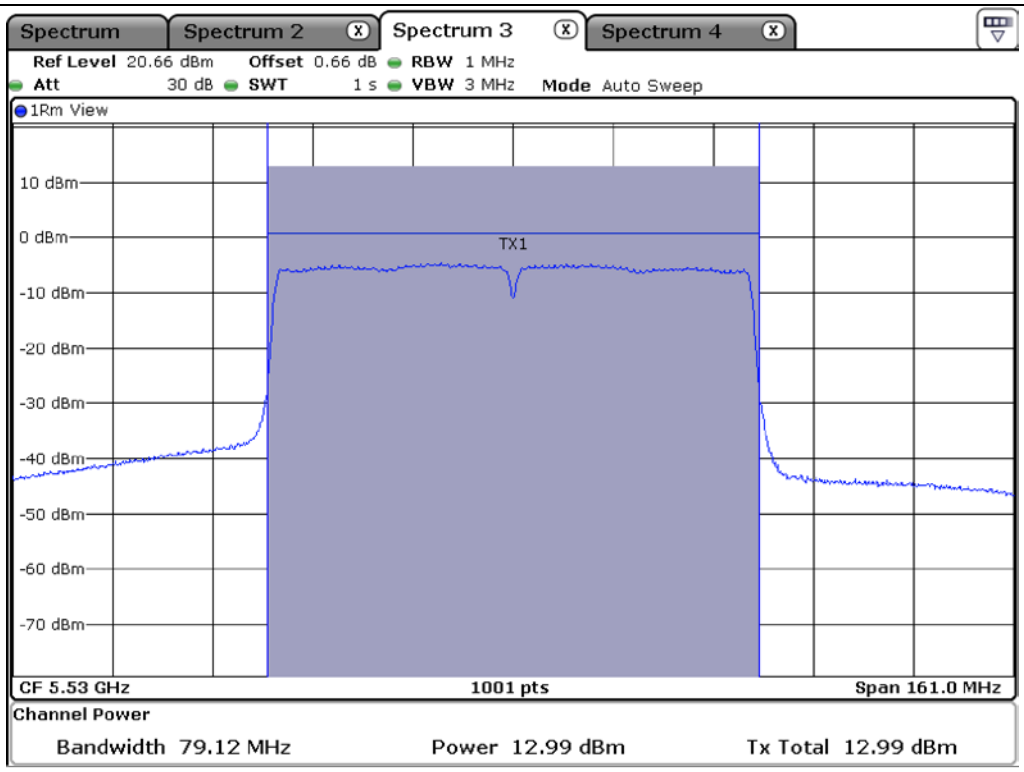


Middle Channel @ 5 210 MHz (26 dB Bandwidth)

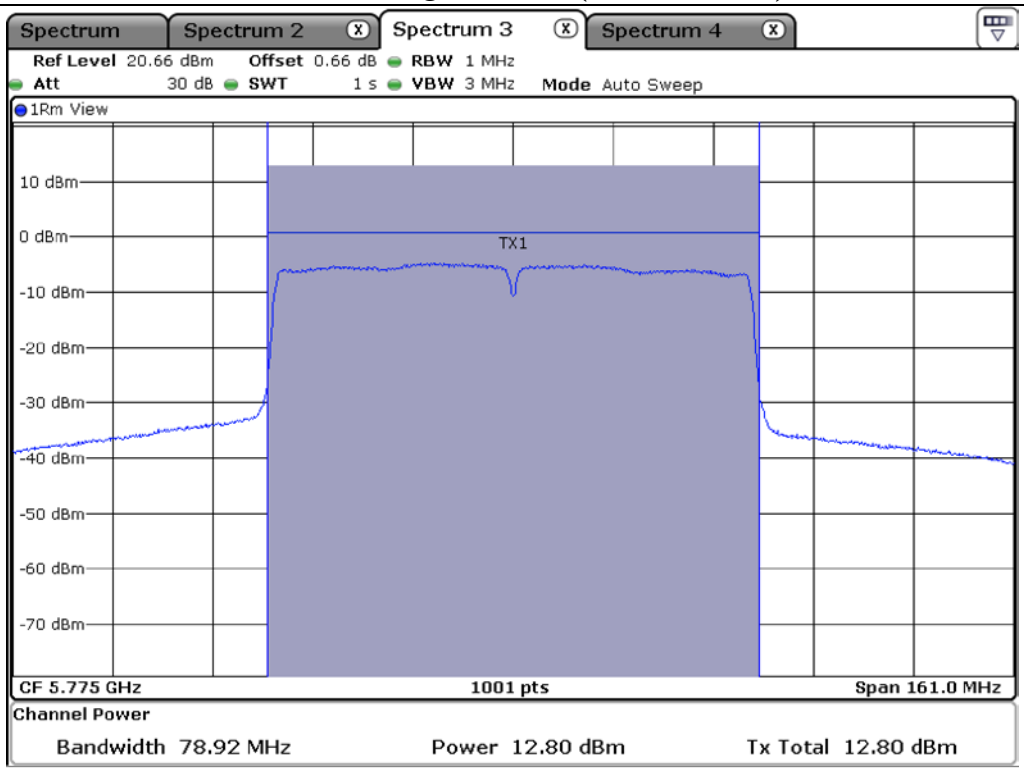


Middle Channel @ 5 290 MHz (26 dB Bandwidth)

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



Middle Channel @ 5 530 MHz (26 dB Bandwidth)



Middle Channel @ 5 775 MHz (26 dB Bandwidth)

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

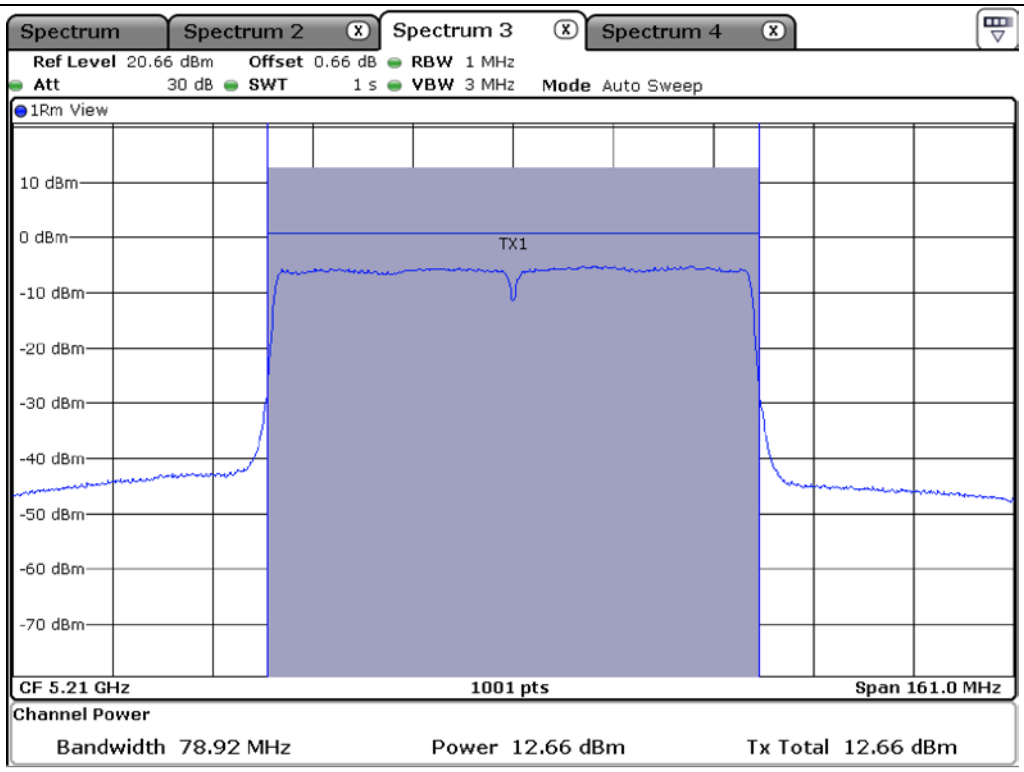
9.8.2 Test data for Antenna 1

-. Test Result : Pass

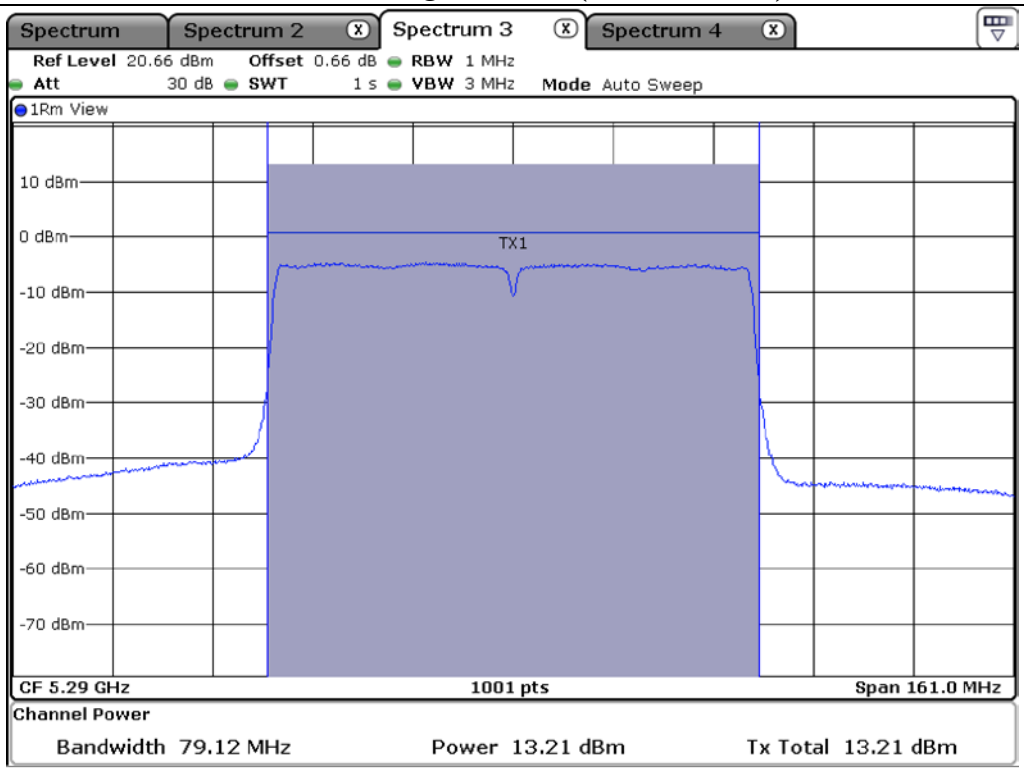
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB & 6 dB Bandwidth (MHz)	MEASURED VLAUE (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Middle	5 210.00	78.92	9.90	24.00	14.10
5 250 ~ 5 350	Middle	5 290.00	79.12	13.21	24.00	10.79
5 470 ~ 5 725	Middle	5 530.00	78.92	13.44	24.00	10.56
5 725 ~ 5 850	Middle	5 775.00	78.72	13.88	30.00	16.12

Remark: See next page for measurement data.

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

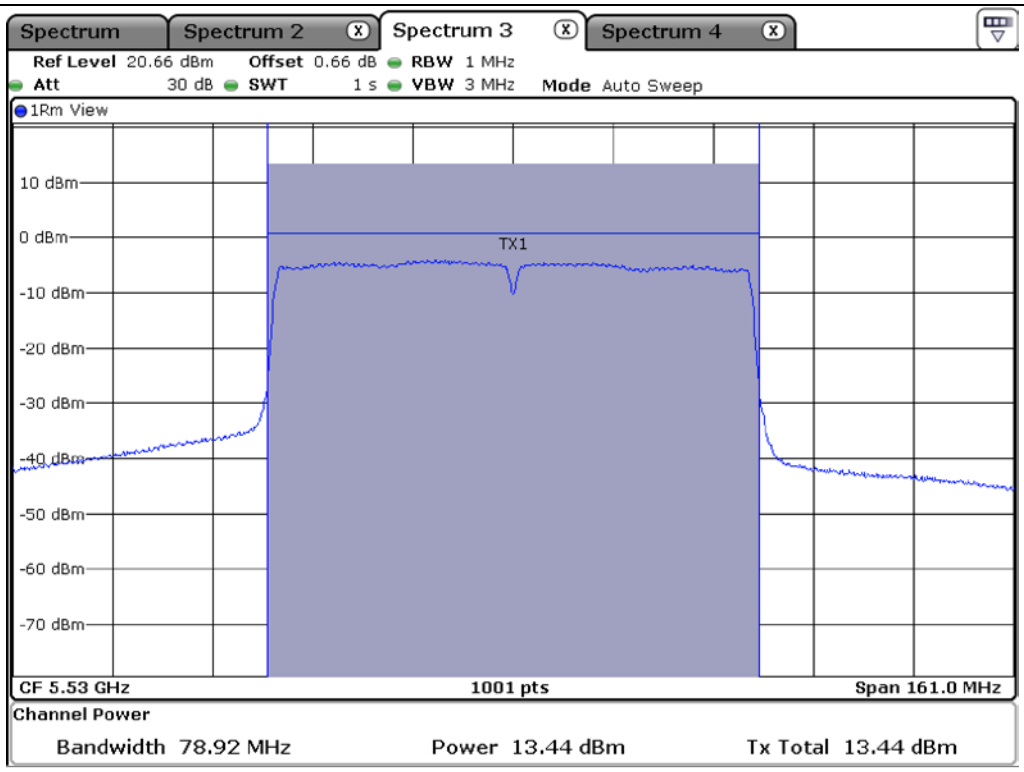


Middle Channel @ 5 210 MHz (26 dB Bandwidth)

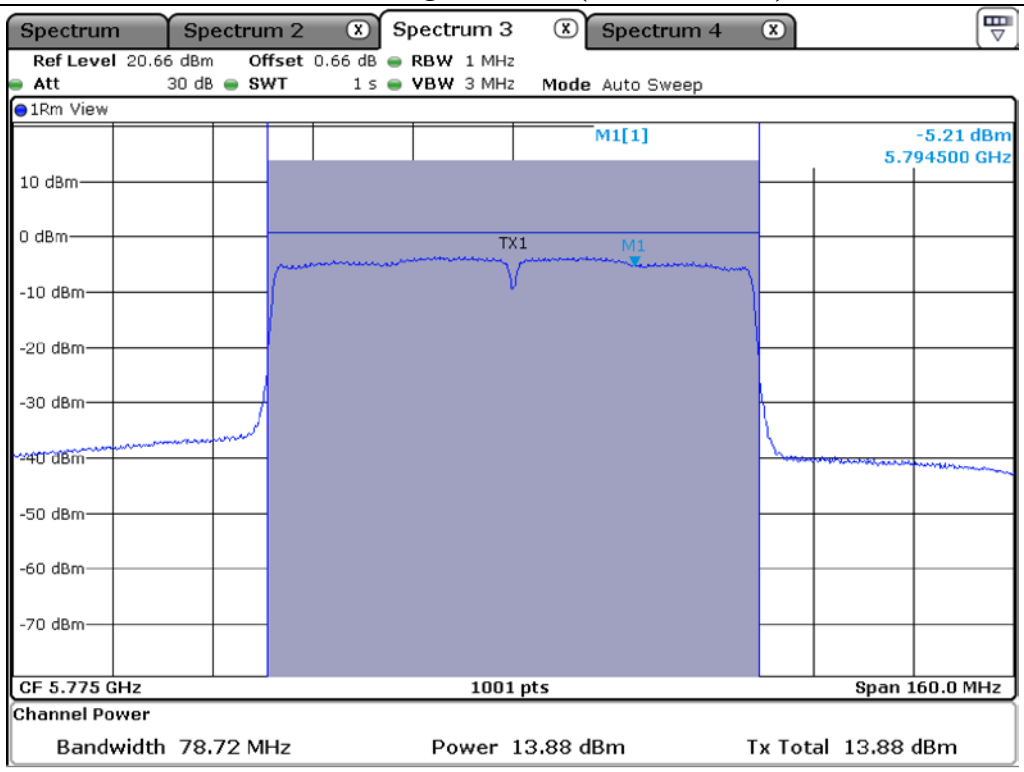


Middle Channel @ 5 290 MHz (26 dB Bandwidth)

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



Middle Channel @ 5 530 MHz (26 dB Bandwidth)



Middle Channel @ 5 775 MHz (26 dB Bandwidth)

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

9.8.3 Test data for Multiple Transmit

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	MEASURED VLAUE (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Middle	5 210.00	12.96	24.00	11.04
5 250 ~ 5 350	Middle	5 290.00	15.88	24.00	8.12
5 470 ~ 5 725	Middle	5 530.00	16.23	24.00	7.77
5 725 ~ 5 850	Middle	5 775.00	16.38	30.00	13.62

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

10. PEAK POWER SPECTRUL DENSITY

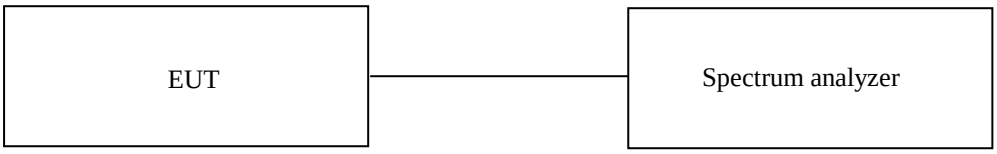
10.1 Operating environment

Temperature : 23 °C

Relative humidity : 45 % R.H.

10.2 Test set-up

The antenna output of the EUT was connected to the spectrum analyzer. The resolution bandwidth is set to 1 MHz(500 kHz for frequency range 5 725 MHz ~ 5 850 MHz), the video bandwidth is set to 3 times the resolution bandwidth. The maximum level form the EUT in 1 MHz bandwidth was measured with above condition.



10.3 Test Date

December 03, 2020 ~ December 09, 2020

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

10.4 Test data for 802.11a RLAN Mode

10.4.1 Test data for Antenna 0

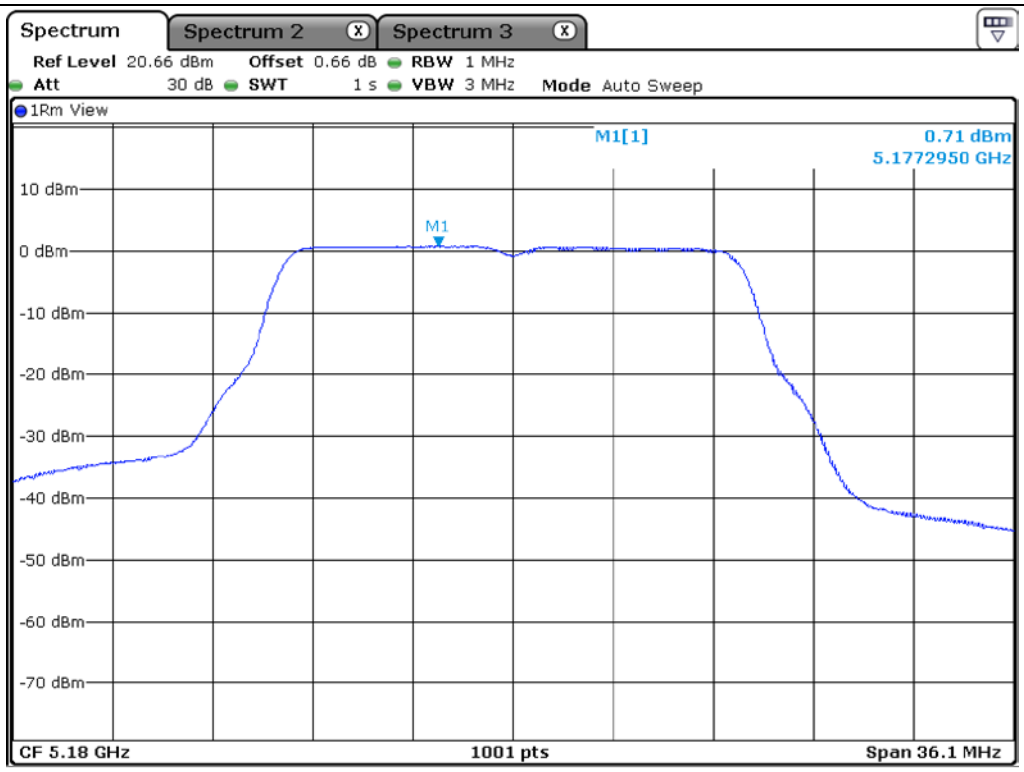
-. Operating condition : Highest Output Power Transmitting Mode

-. Test Result : Pass

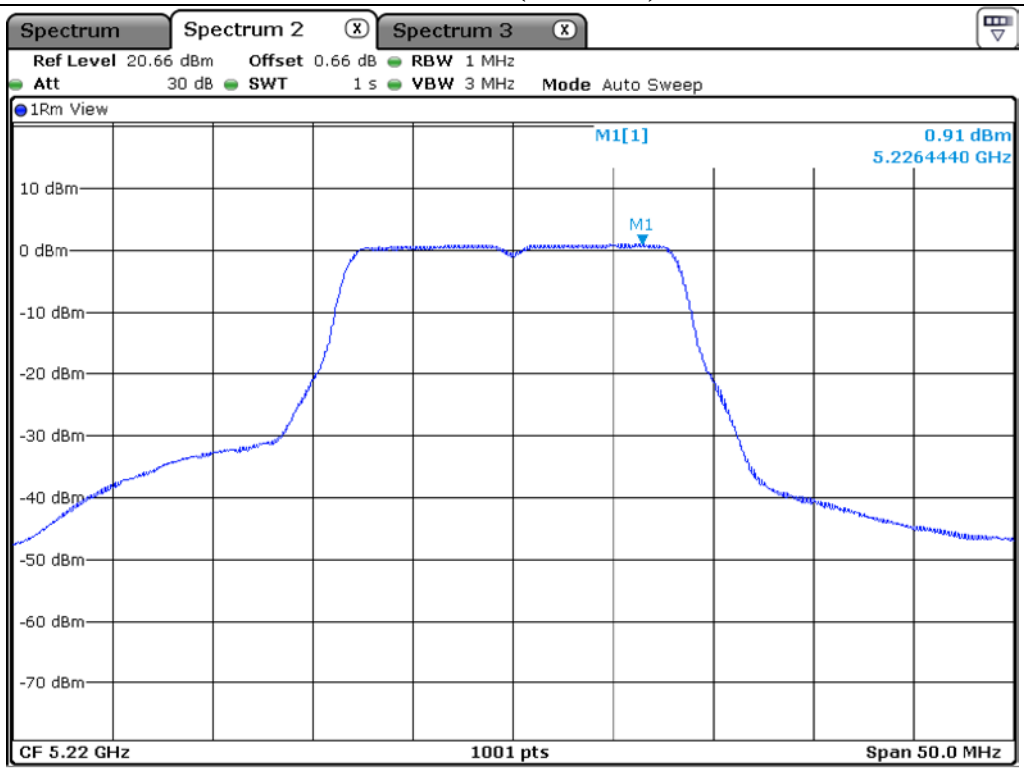
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	MEASURED VALUE (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Low	5 180.00	0.71	11.00	10.29
	Middle	5 220.00	0.91	11.00	10.09
	High	5 240.00	0.85	11.00	10.15
5 250 ~ 5 350	Low	5 260.00	2.62	11.00	8.38
	Middle	5 300.00	2.21	11.00	8.79
	High	5 320.00	2.30	11.00	8.70
5 470 ~ 5 725	Low	5 500.00	4.19	11.00	6.81
	Middle	5 560.00	2.44	11.00	8.56
	High	5 700.00	2.78	11.00	8.22
5 725 ~ 5 850	Low	5 745.00	3.52	30.00	26.48
	Middle	5 785.00	2.57	30.00	27.43
	High	5 825.00	2.32	30.00	27.68

Remark: See next page for measurement data.

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

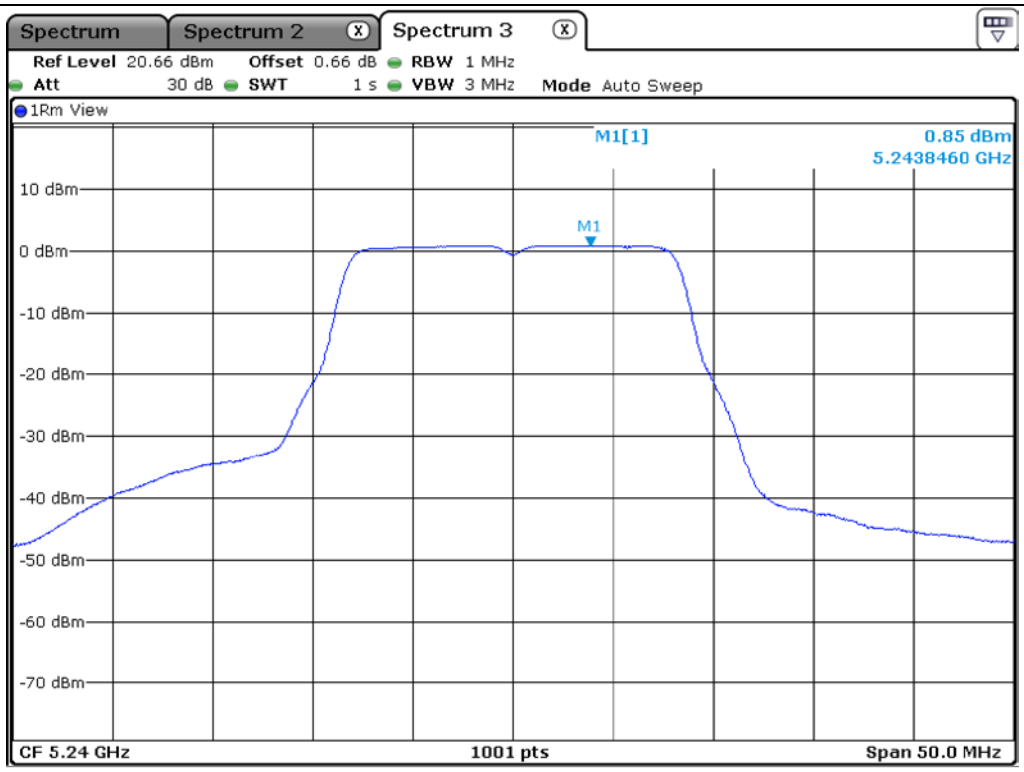


Low Channel (5 180 MHz)



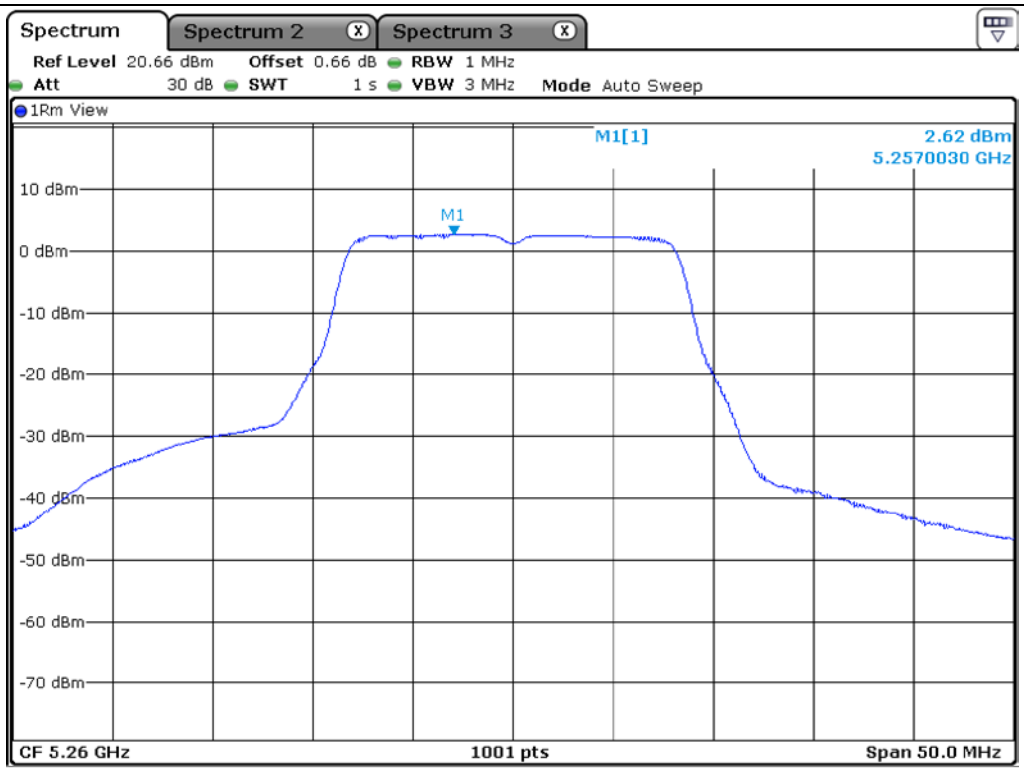
Middle Channel (5 220 MHz)

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

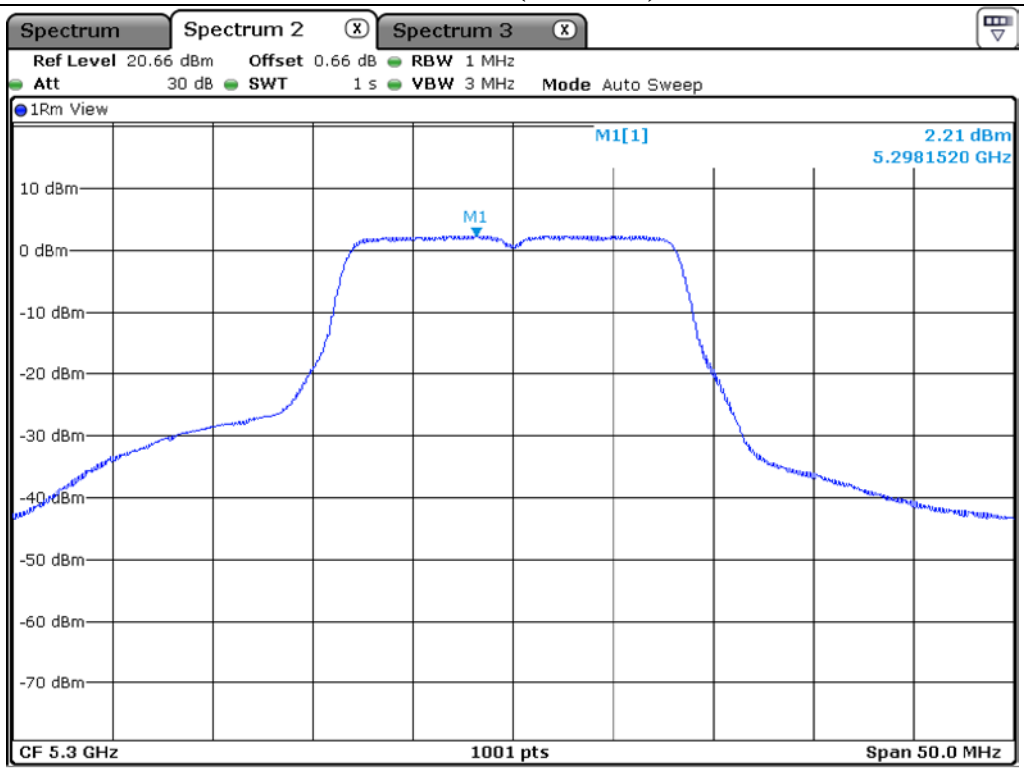


High Channel (5 240 MHz)

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

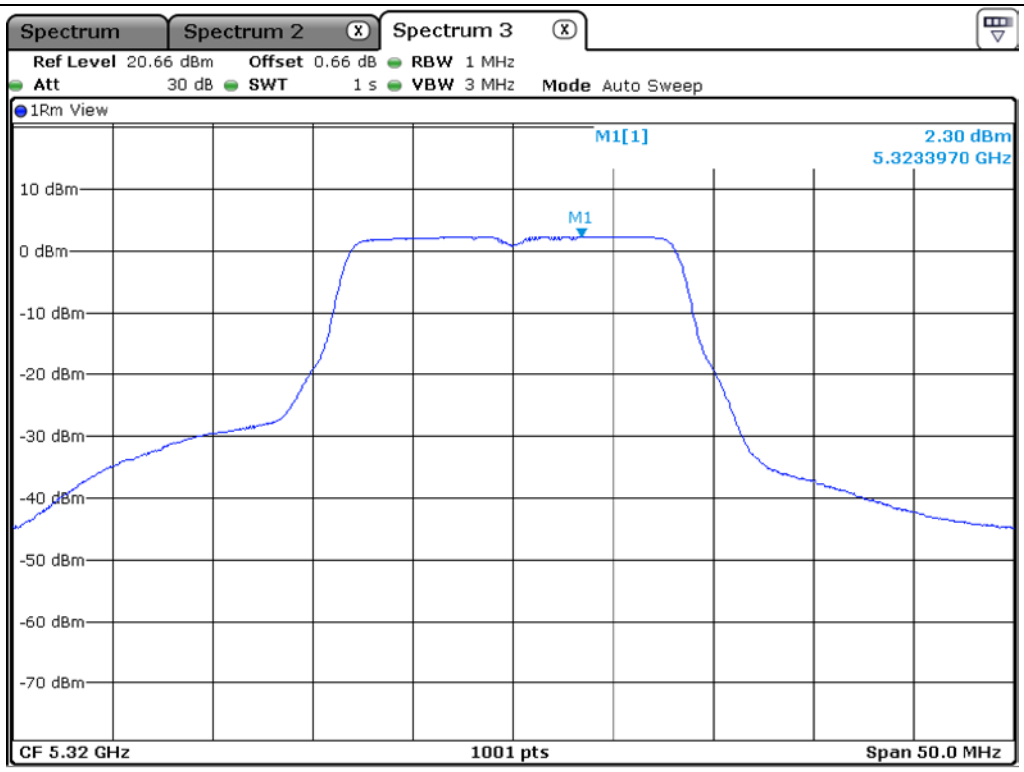


Low Channel (5 260 MHz)



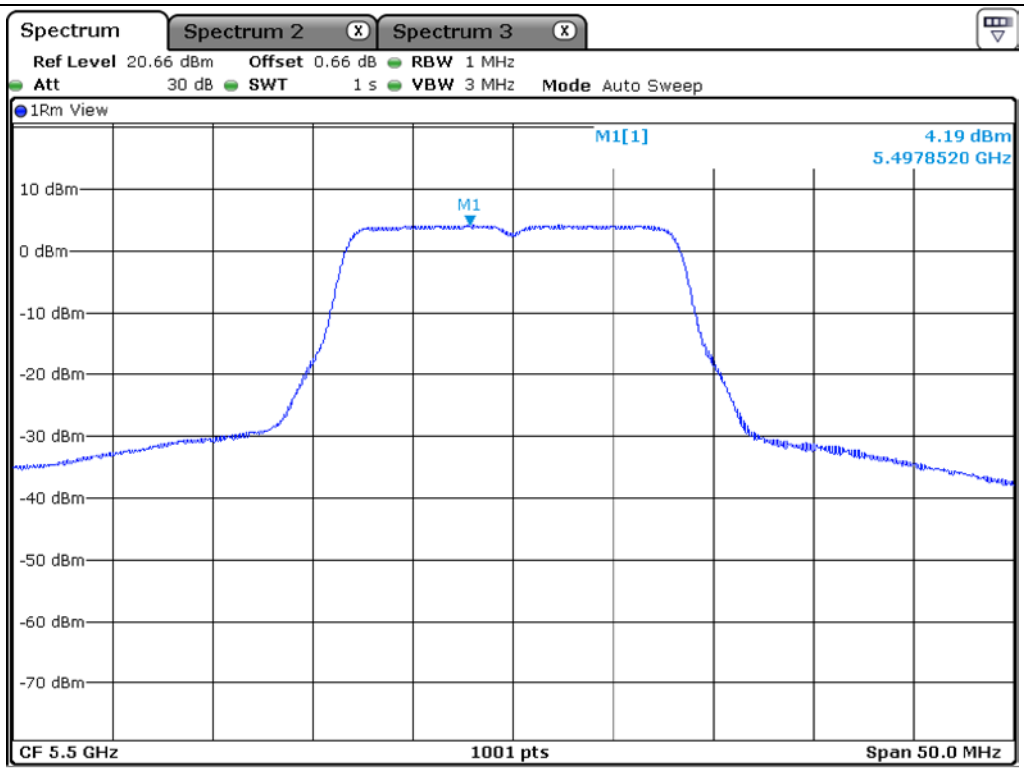
Middle Channel (5 300 MHz)

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

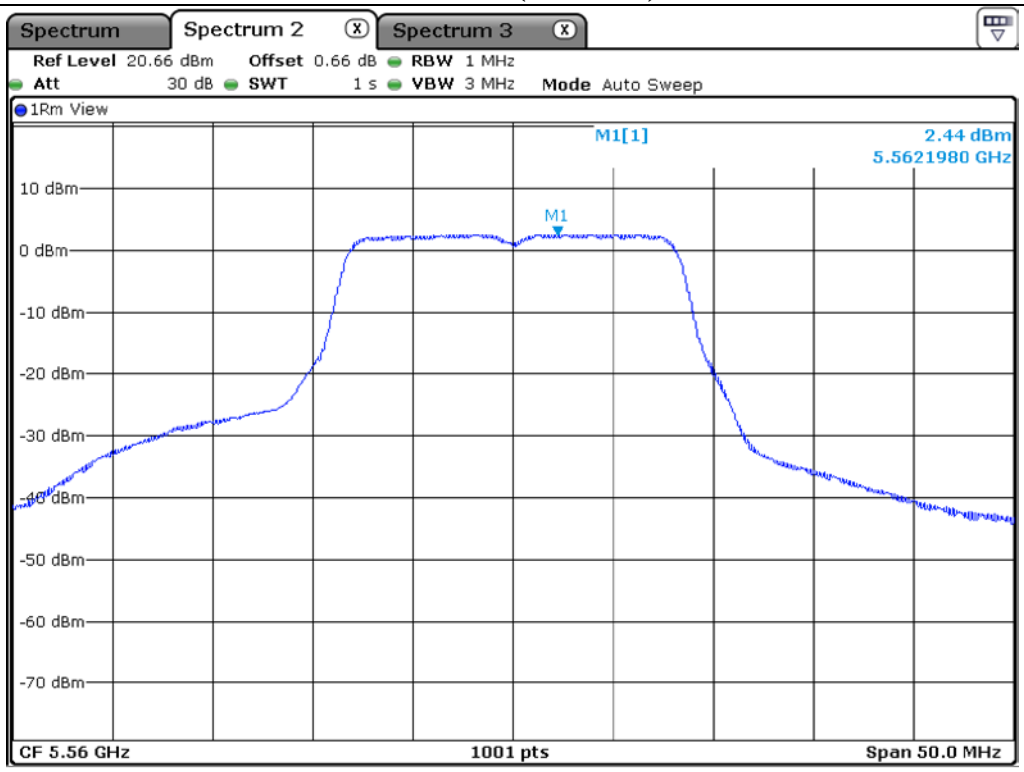


High Channel (5 320 MHz)

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

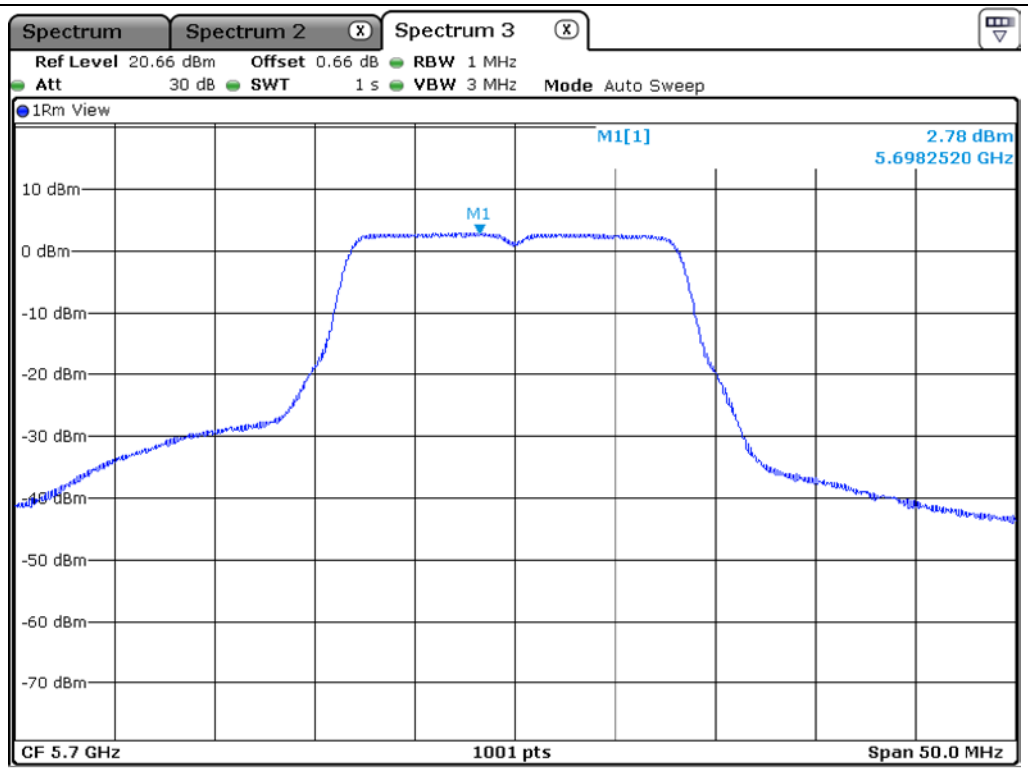


Low Channel (5 500 MHz)



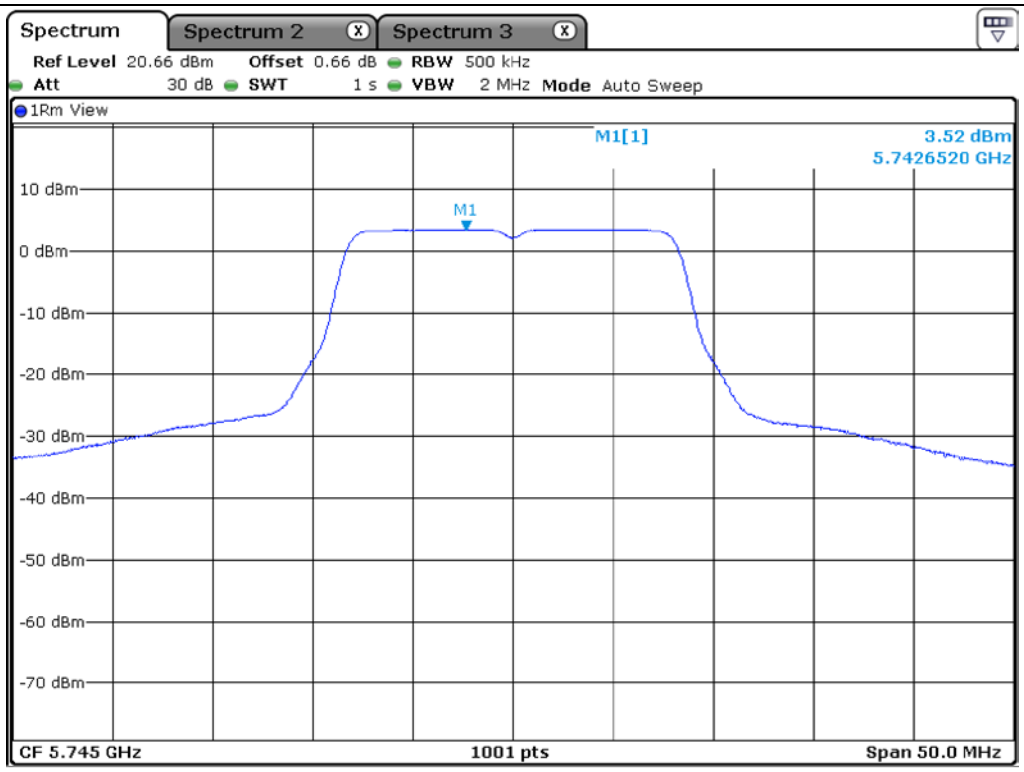
Middle Channel (5 560 MHz)

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

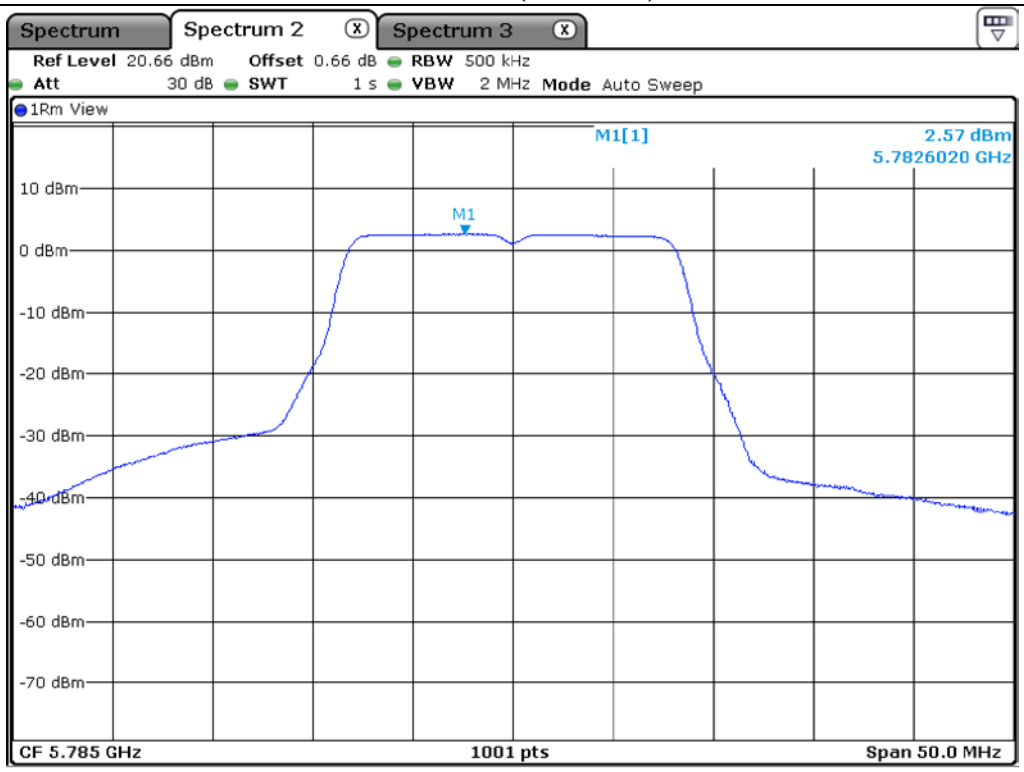


High Channel (5 700 MHz)

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

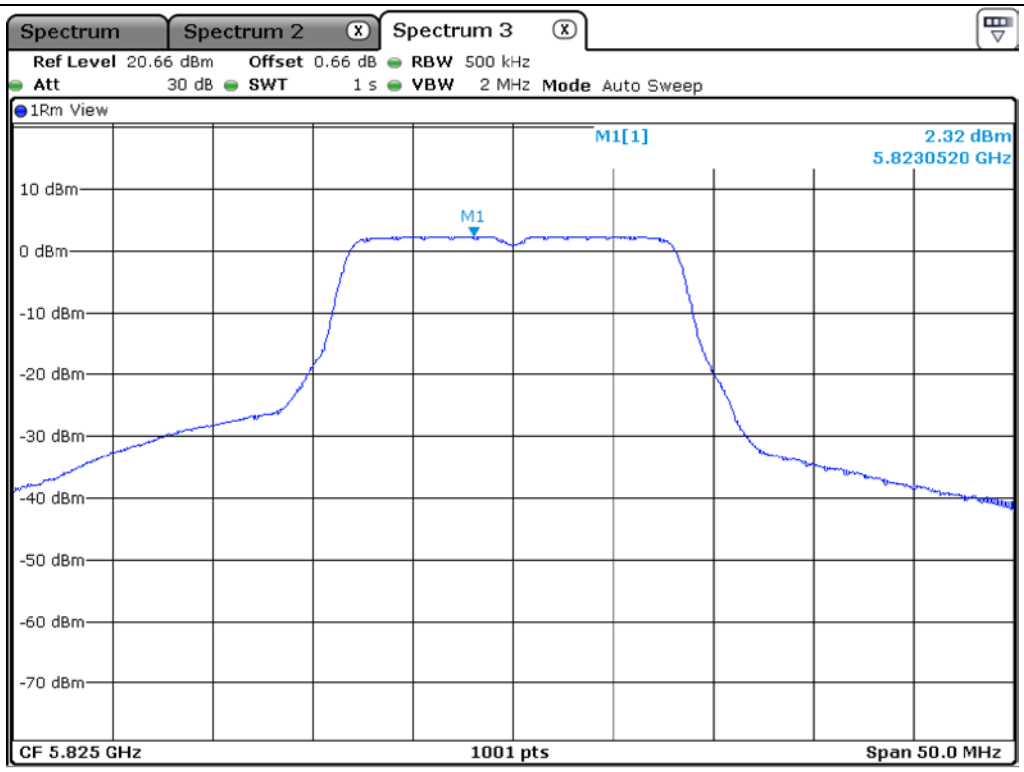


Low Channel (5 745 MHz)



Middle Channel (5 785 MHz)

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



High Channel (5 825 MHz)

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