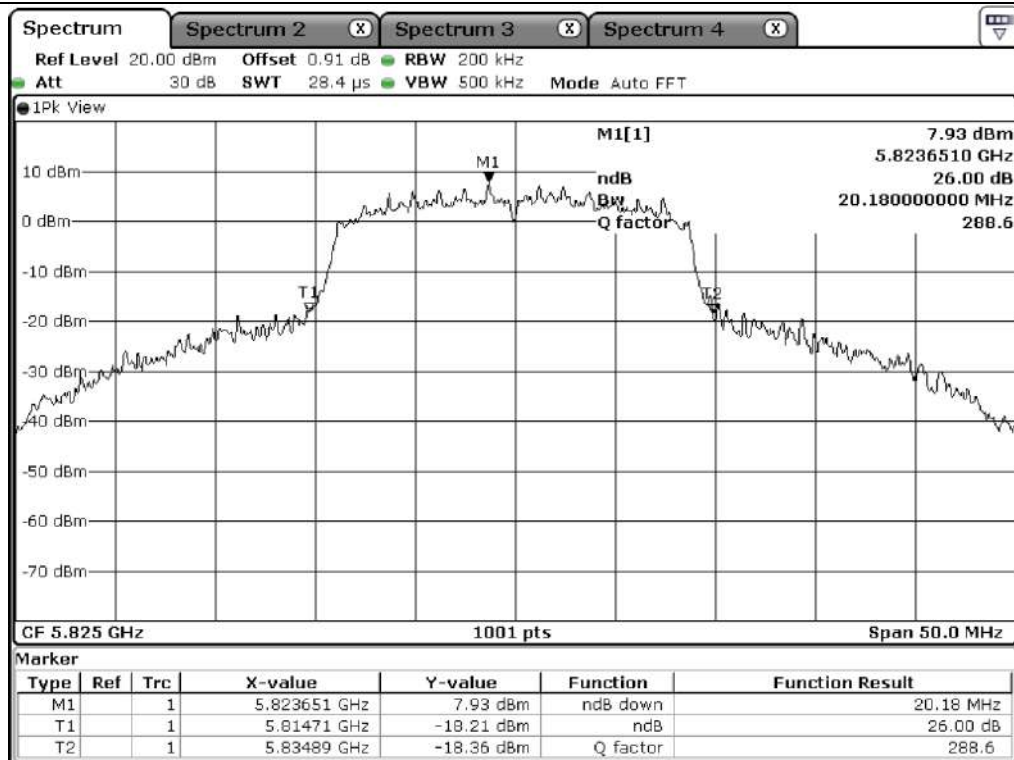
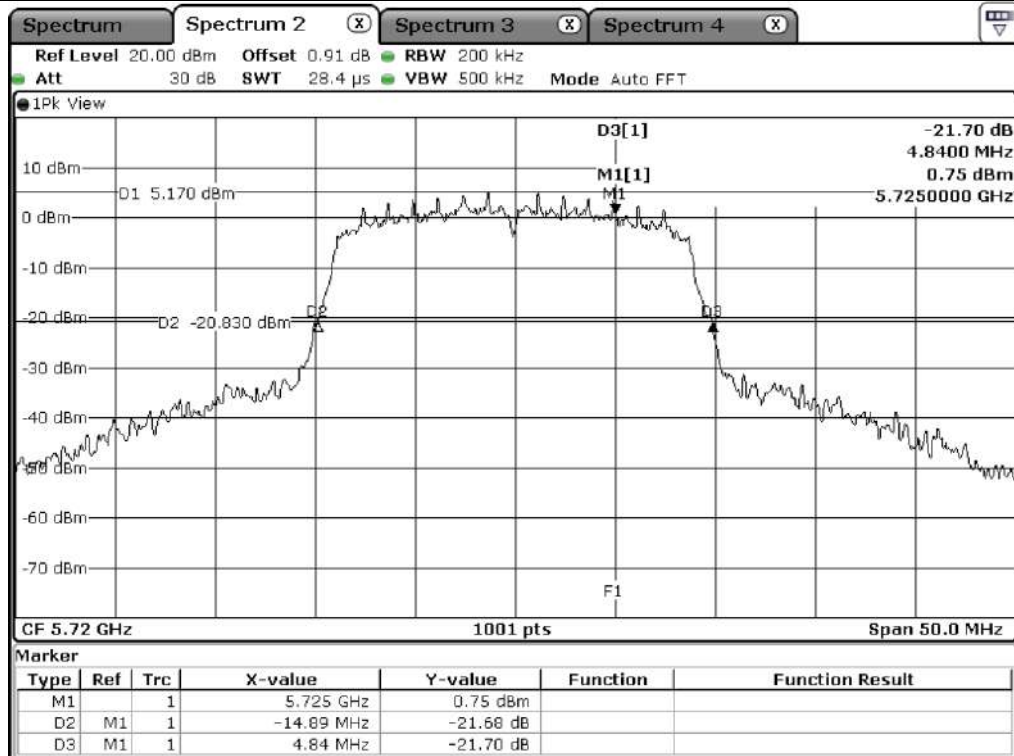




High Channel (5 825 MHz)



Staddle Channel (5 720 MHz)

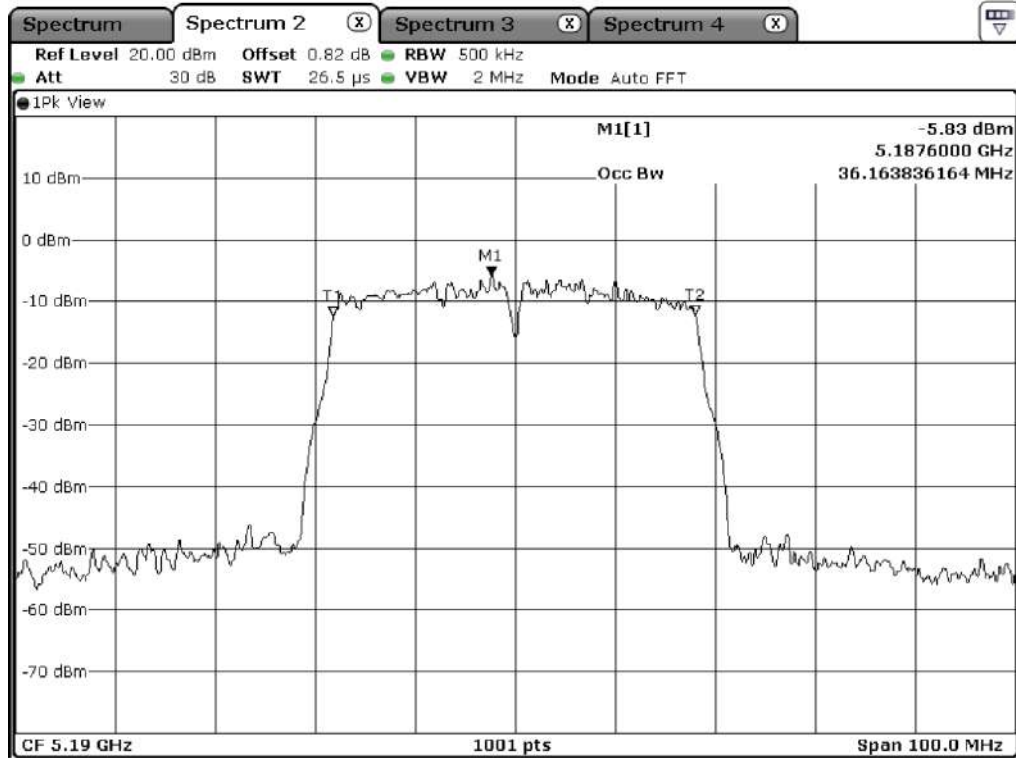
7.6 Test data for 802.11n_HT40 RLAN Mode

7.6.1 Test data for Antenna 0

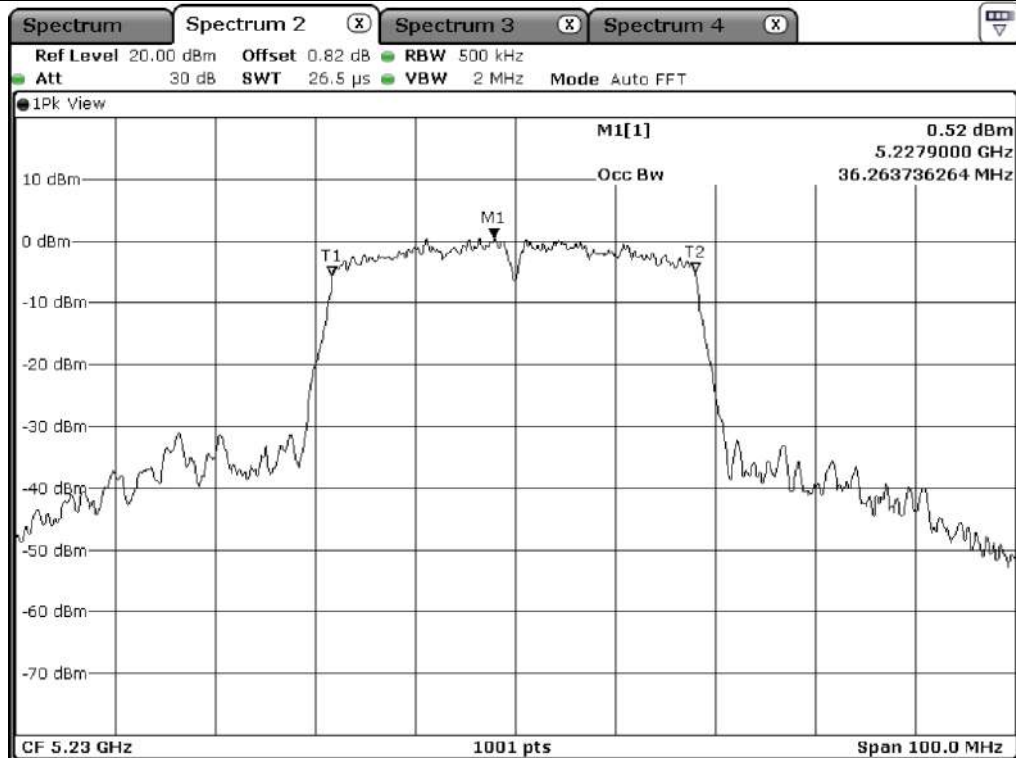
7.6.1.1 99 % OCCUPIED BANDWIDTH

-. Test Result : Pass

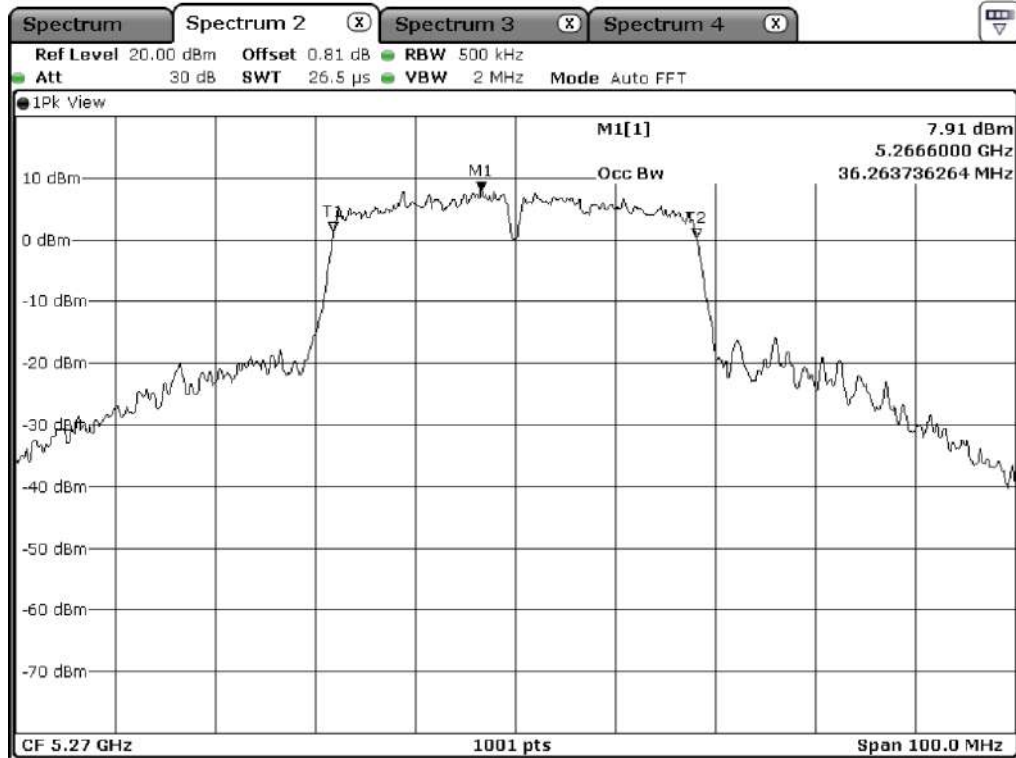
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	99 % Bandwidth (MHz)
5 150 ~ 5 250	Low	5 190.00	36.16
	High	5 230.00	36.26
5 250 ~ 5 350	Low	5 270.00	36.26
	High	5 310.00	36.26
5 470 ~ 5 725	Low	5 510.00	36.26
	Middle	5 550.00	36.26
	High	5 670.00	36.26
5 725 ~ 5 850	Low	5 755.00	36.36
	High	5 795.00	36.16



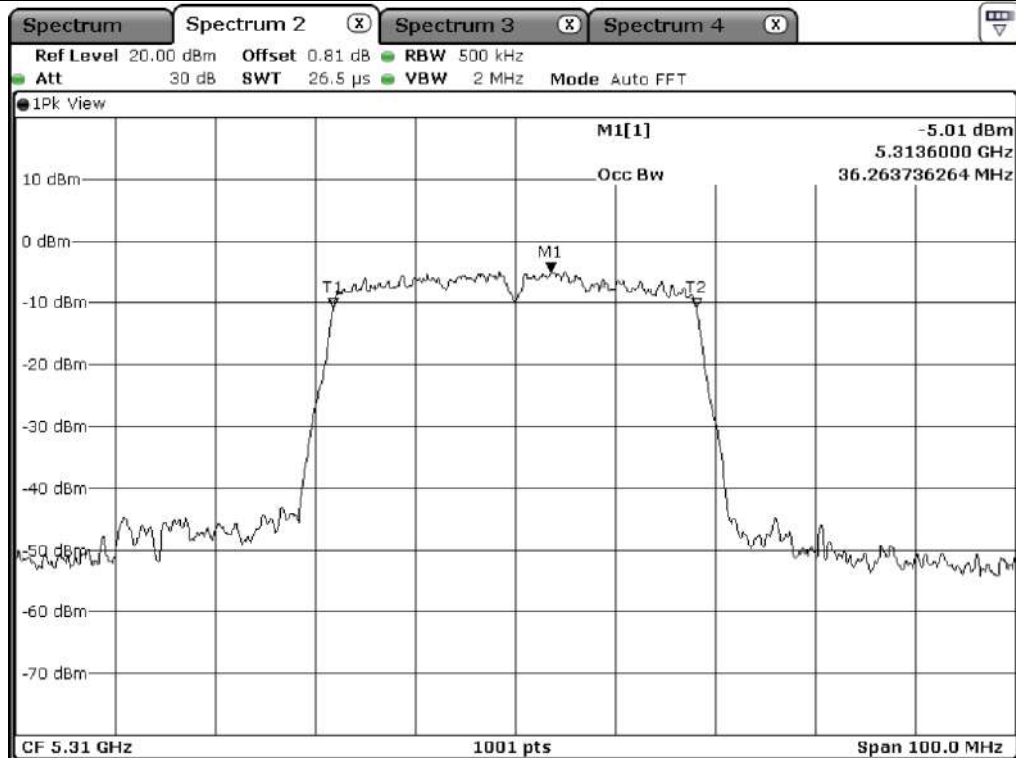
Low Channel (5 190 MHz)



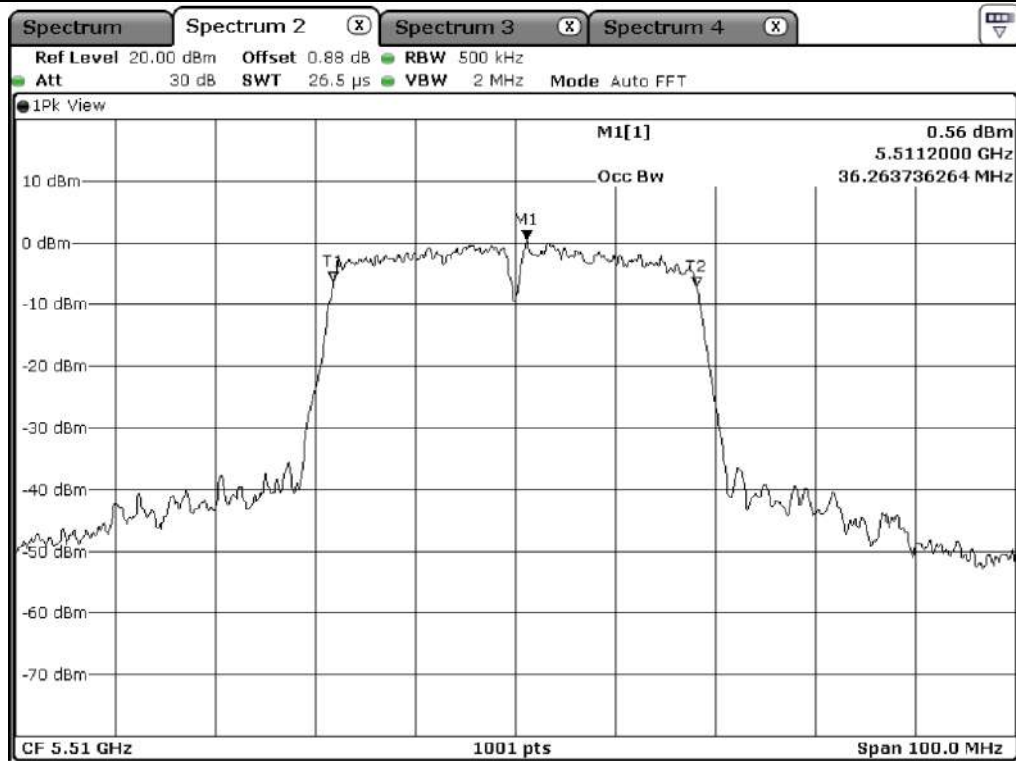
High Channel (5 230 MHz)



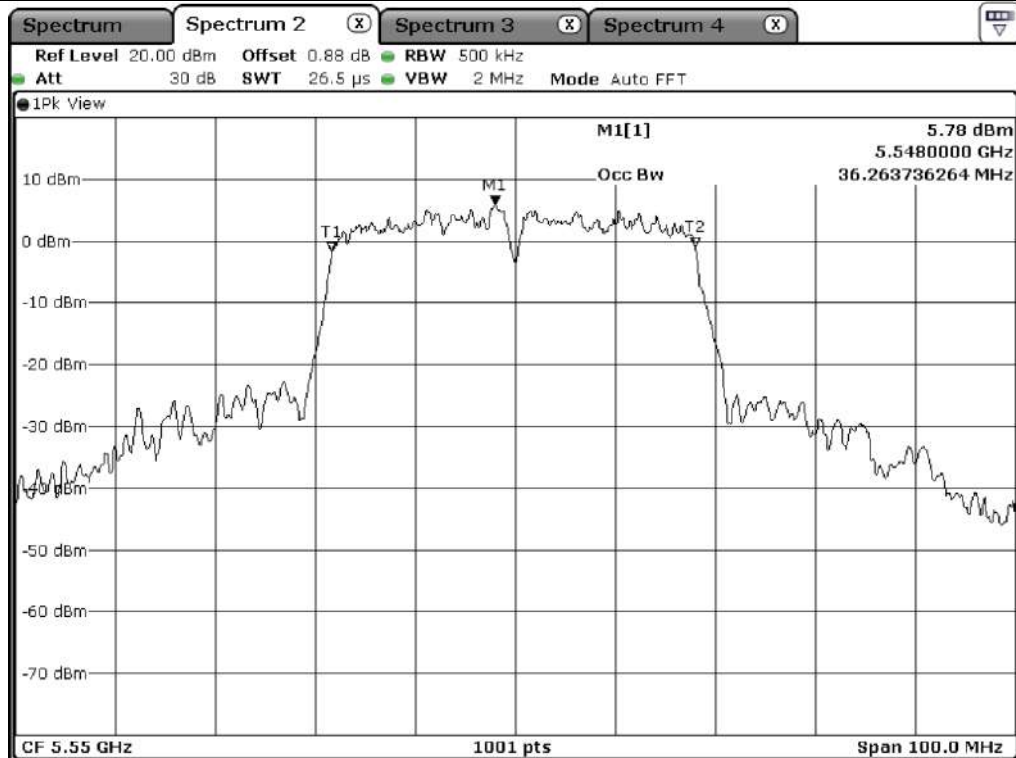
Low Channel (5 270 MHz)



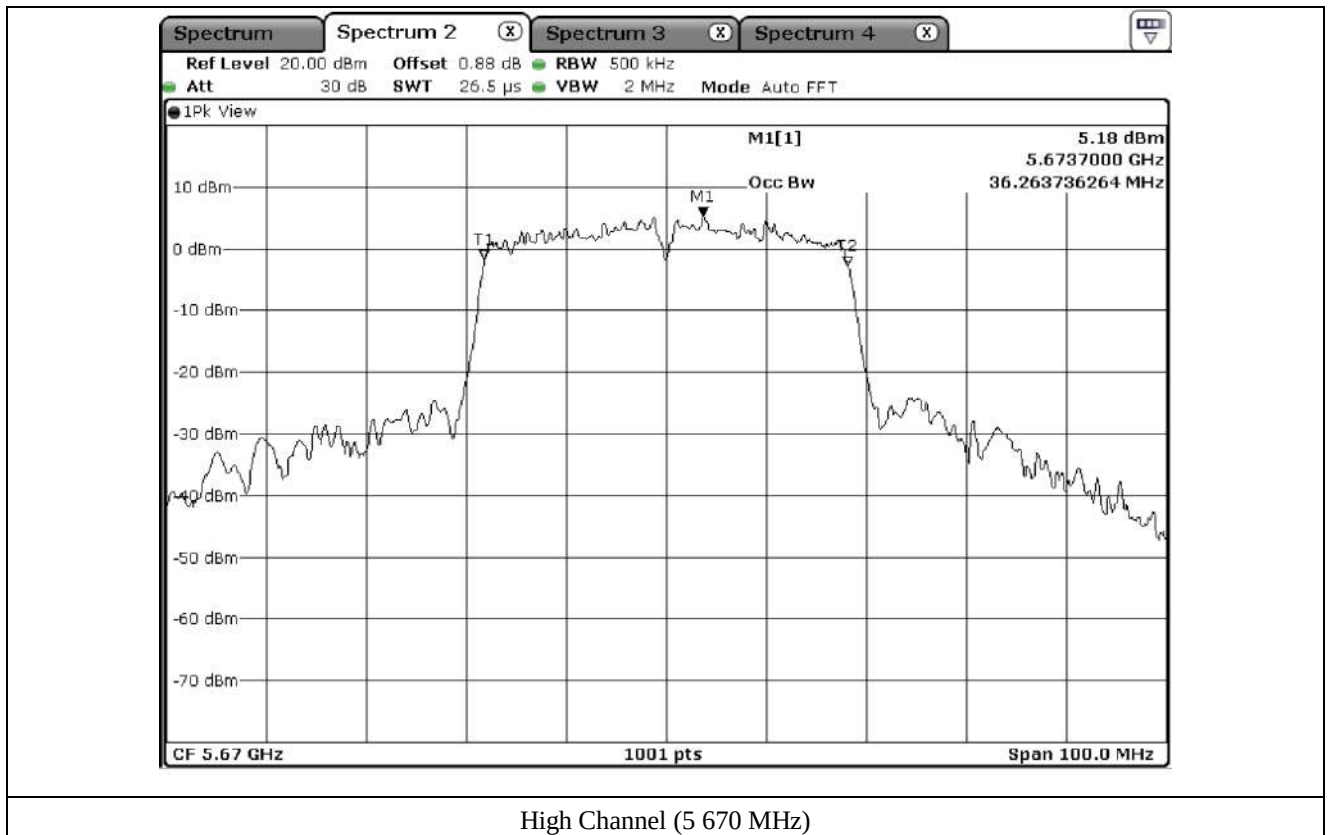
High Channel (5 310 MHz)

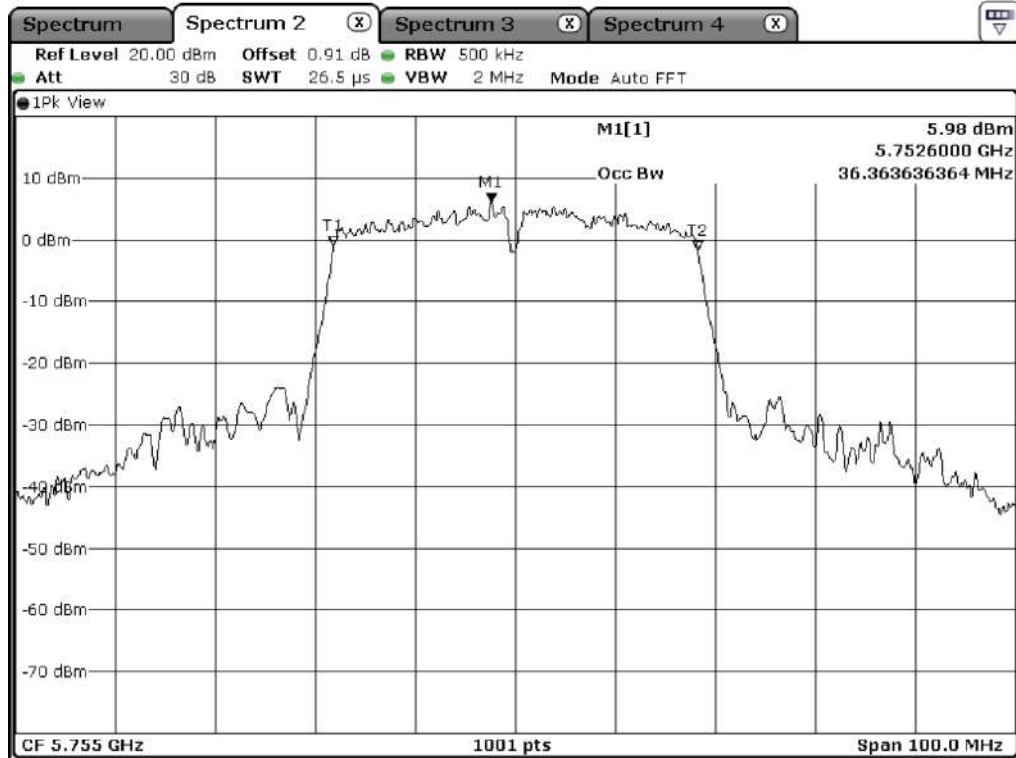


Low Channel (5 510 MHz)

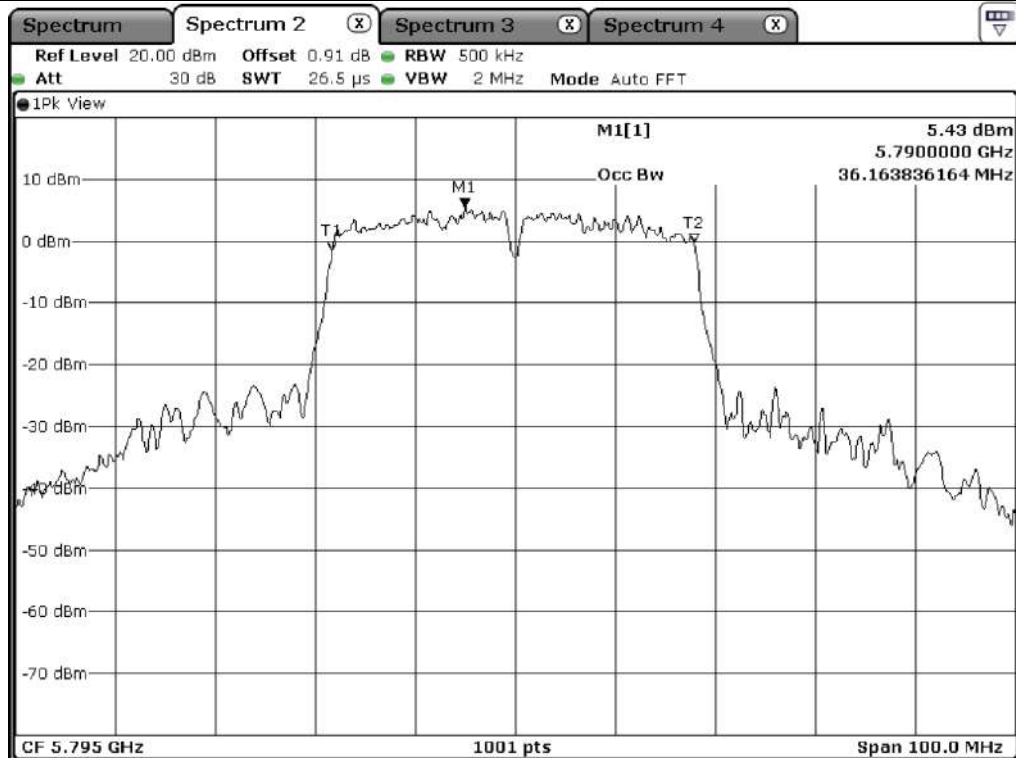


Middle Channel (5 550 MHz)





Low Channel (5 755 MHz)



High Channel (5 795 MHz)

7.6.1.2 MINIMUM 26 dB BANDWIDTH

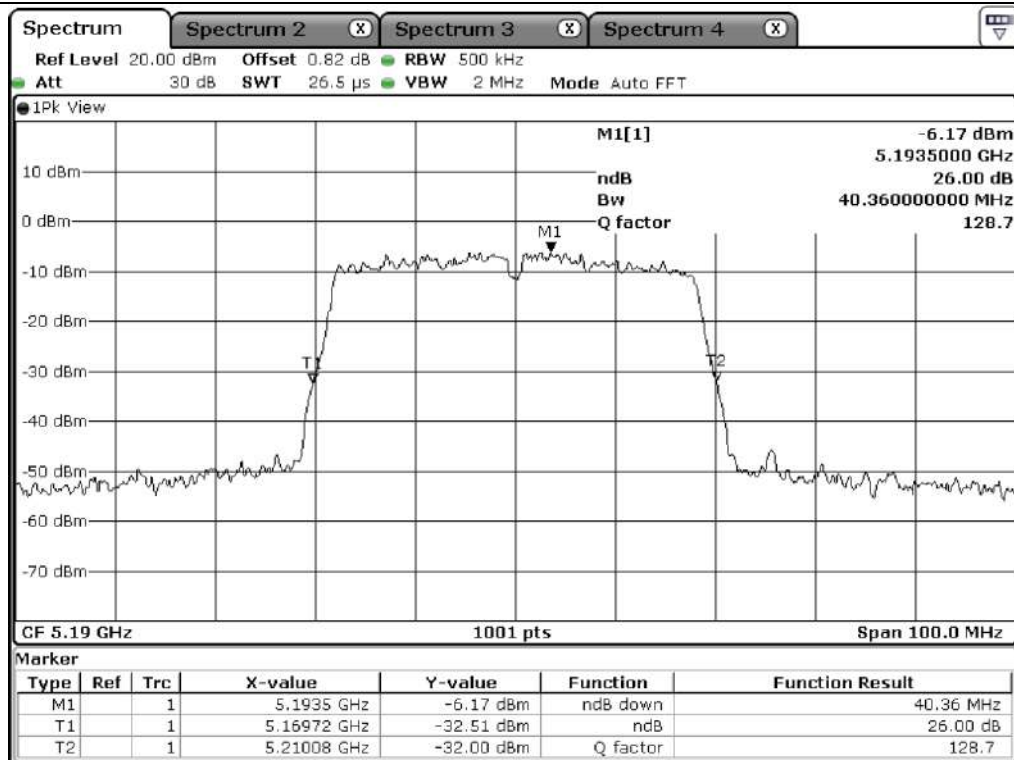
-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 150 ~ 5 250	Low	5 190.00	40.36
	High	5 230.00	40.36
5 250 ~ 5 350	Low	5 270.00	41.06
	High	5 310.00	40.76
5 470 ~ 5 725	Low	5 510.00	40.16
	Middle	5 550.00	41.06
	High	5 670.00	40.56
5 725 ~ 5 850	Low	5 755.00	39.86
	High	5 795.00	40.76

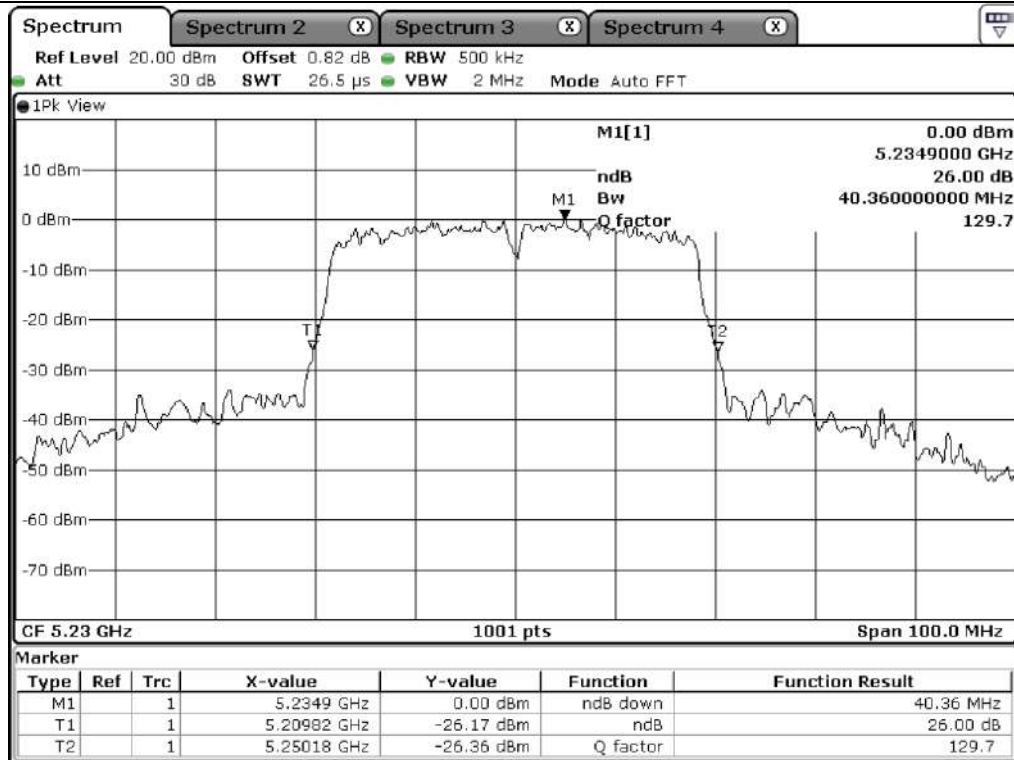
[Staddle Channel]

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 470 ~ 5 725	5 710.00	35.28
5 725 ~ 5 850	5 710.00	4.88

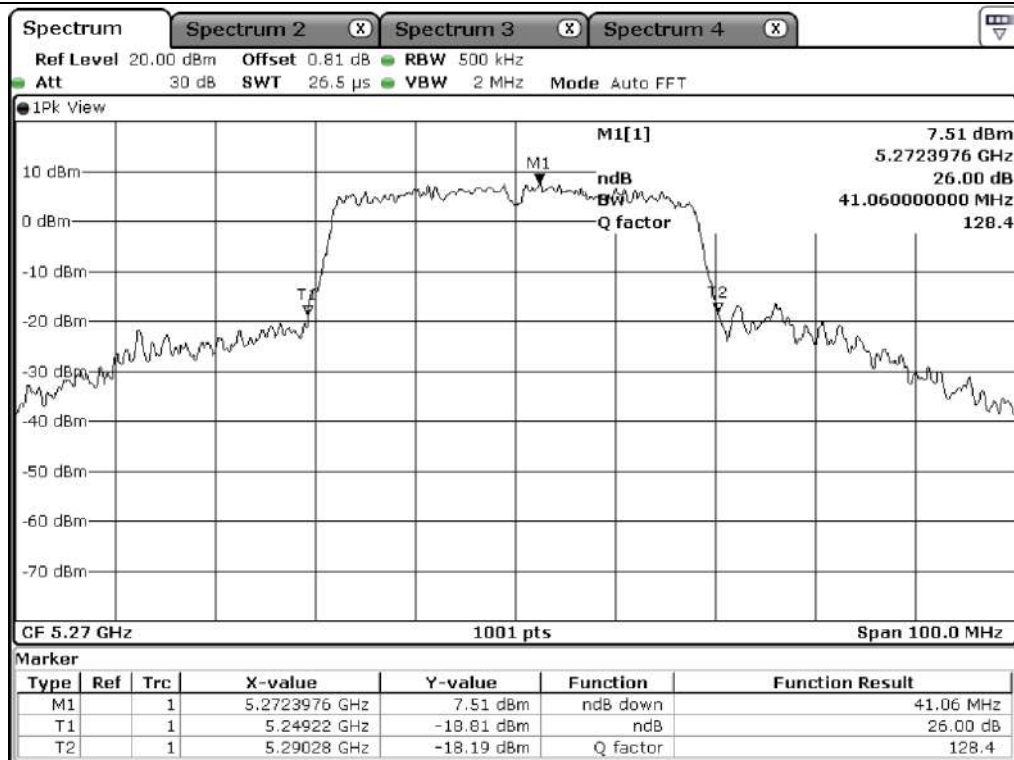
Remark: See next page for measurement data.



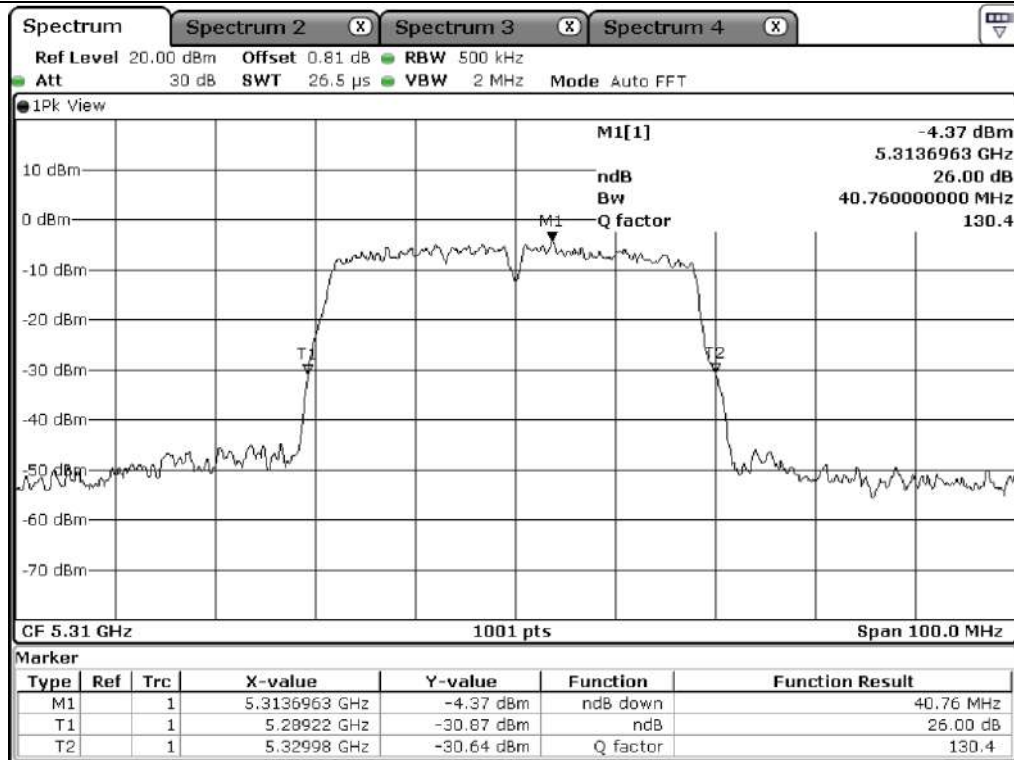
Low Channel (5 190 MHz)



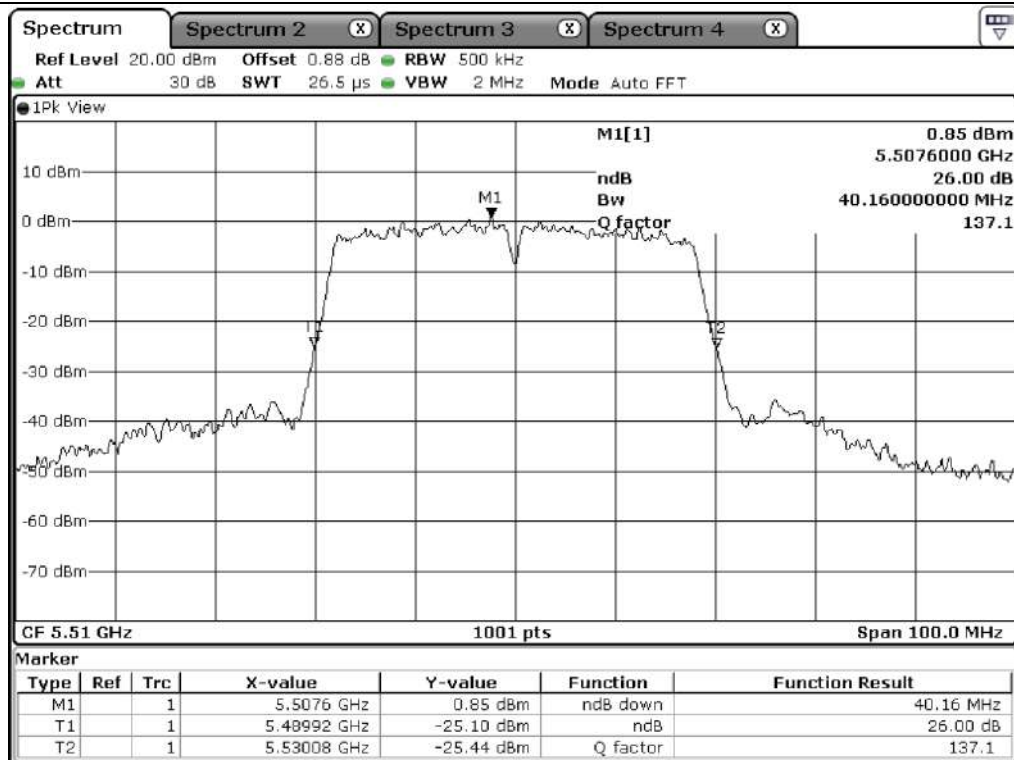
High Channel (5 230 MHz)



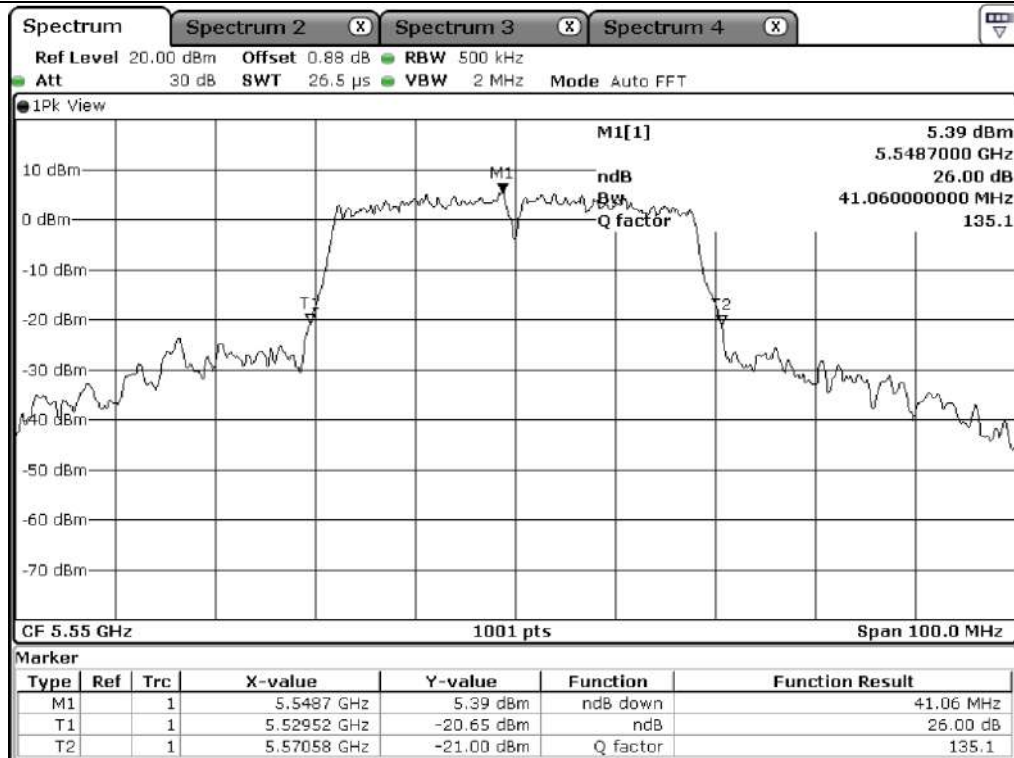
Low Channel (5 270 MHz)



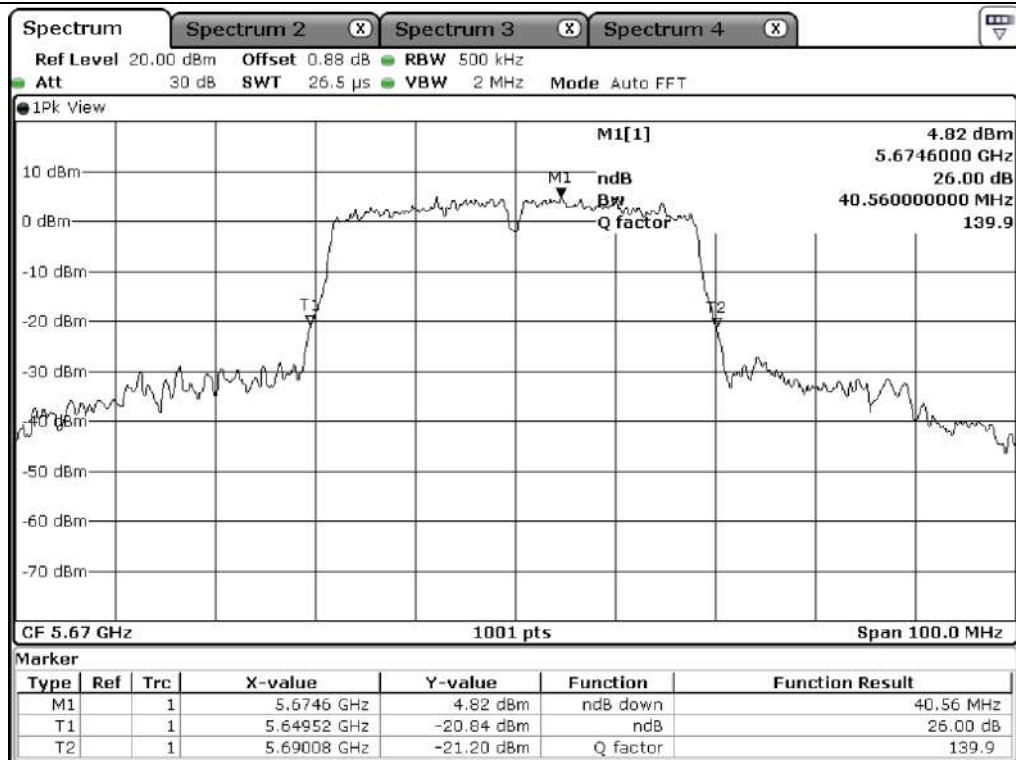
High Channel (5 310 MHz)



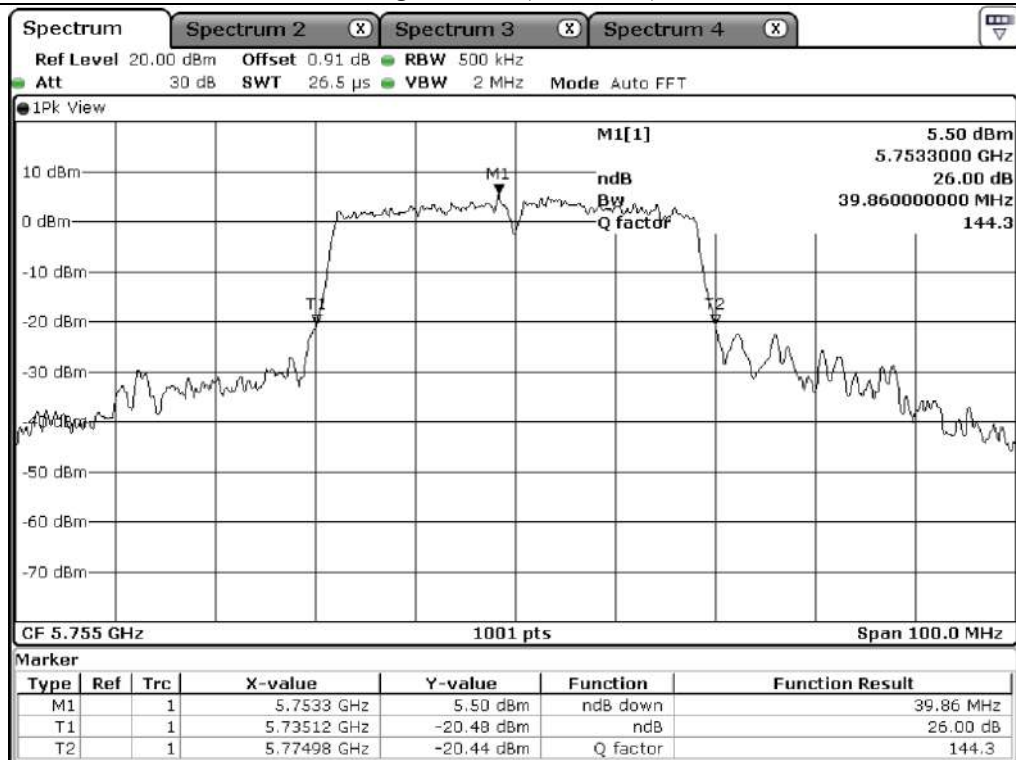
Low Channel (5.510 MHz)



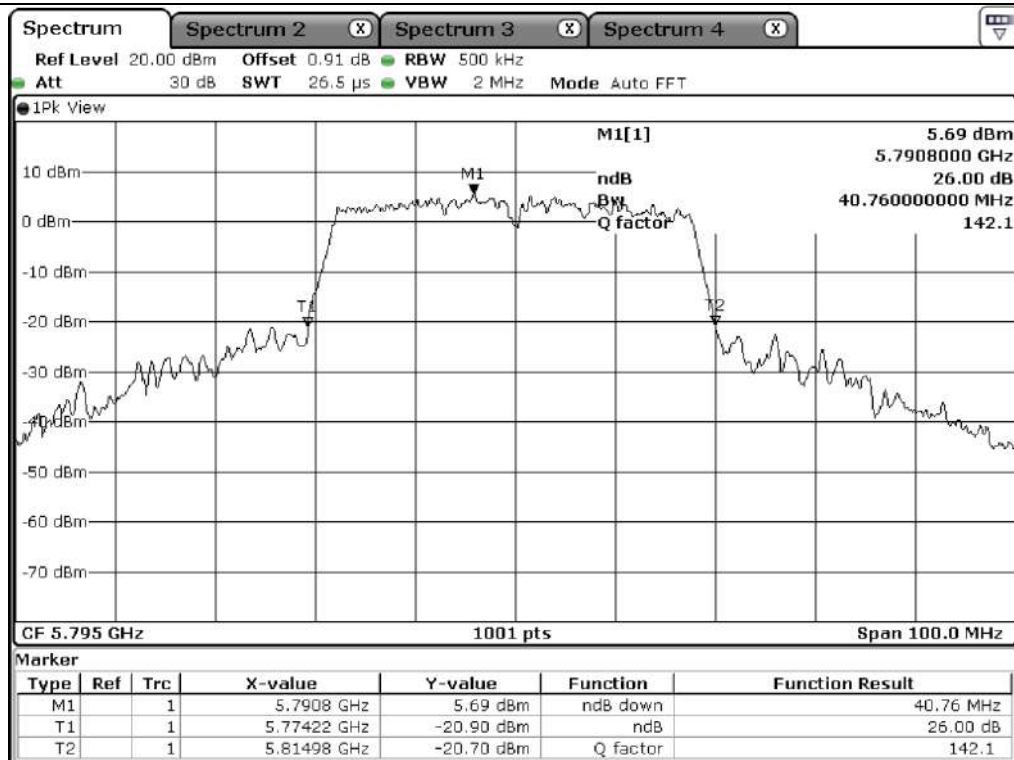
Middle Channel (5.550 MHz)



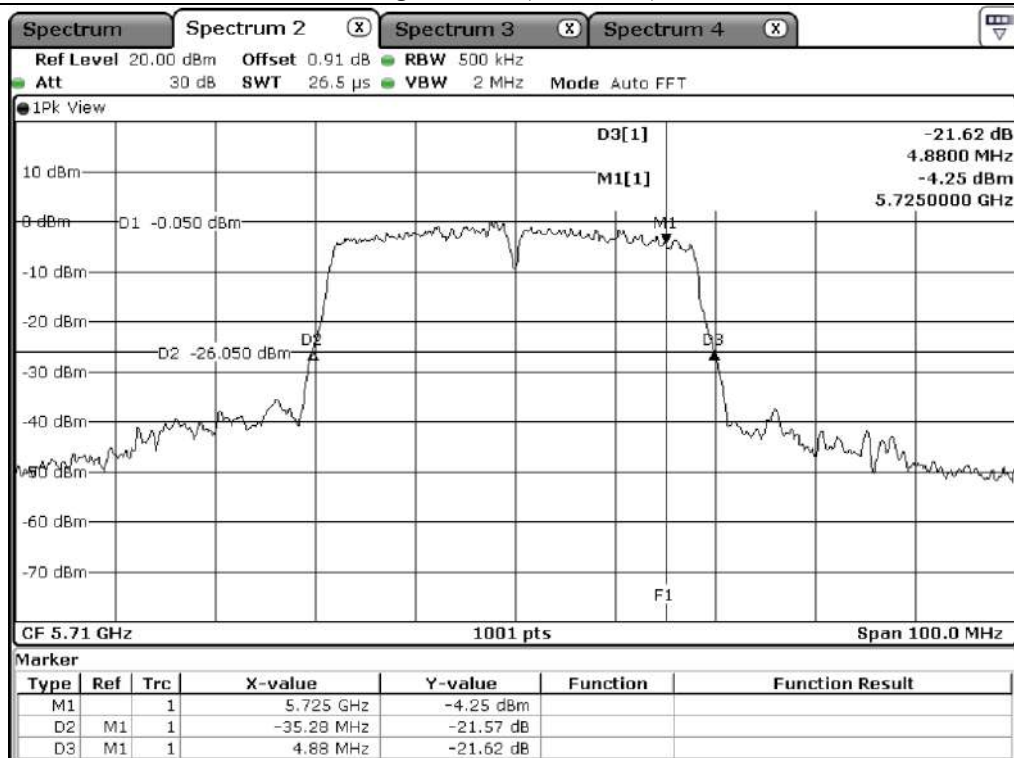
High Channel (5 670 MHz)



Low Channel (5 755 MHz)



High Channel (5 795 MHz)



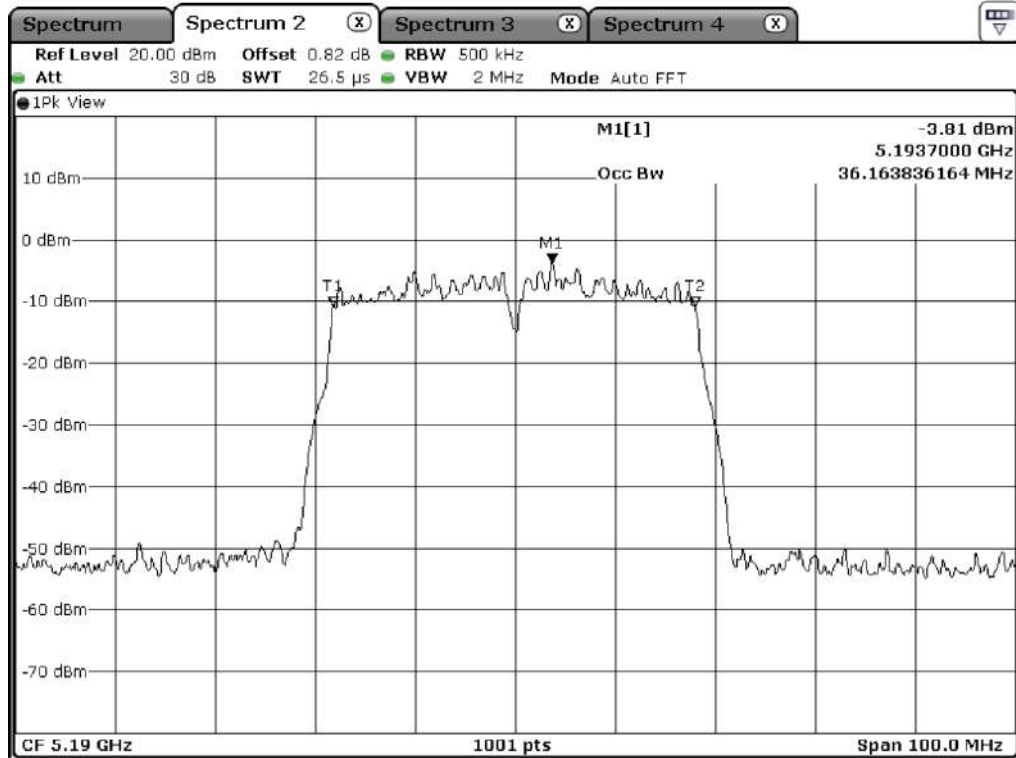
Staddle Channel (5 710 MHz)

7.6.2 Test data for Antenna 1

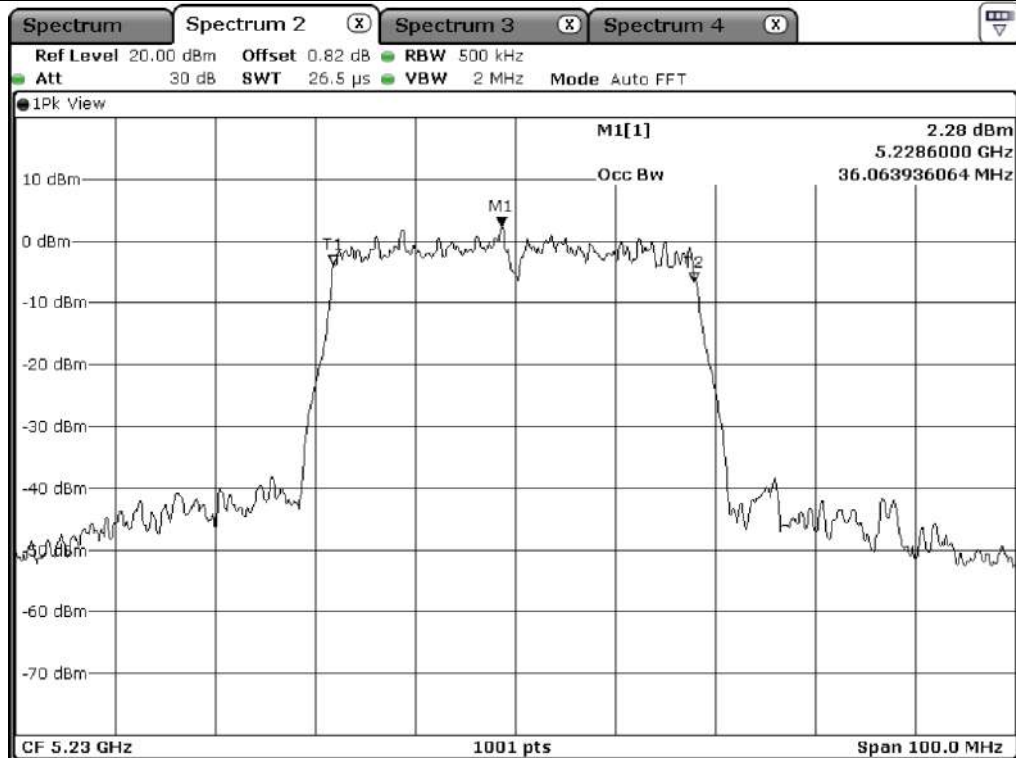
7.6.2.1 99 % OCCUPIED BANDWIDTH

-. Test Result : Pass

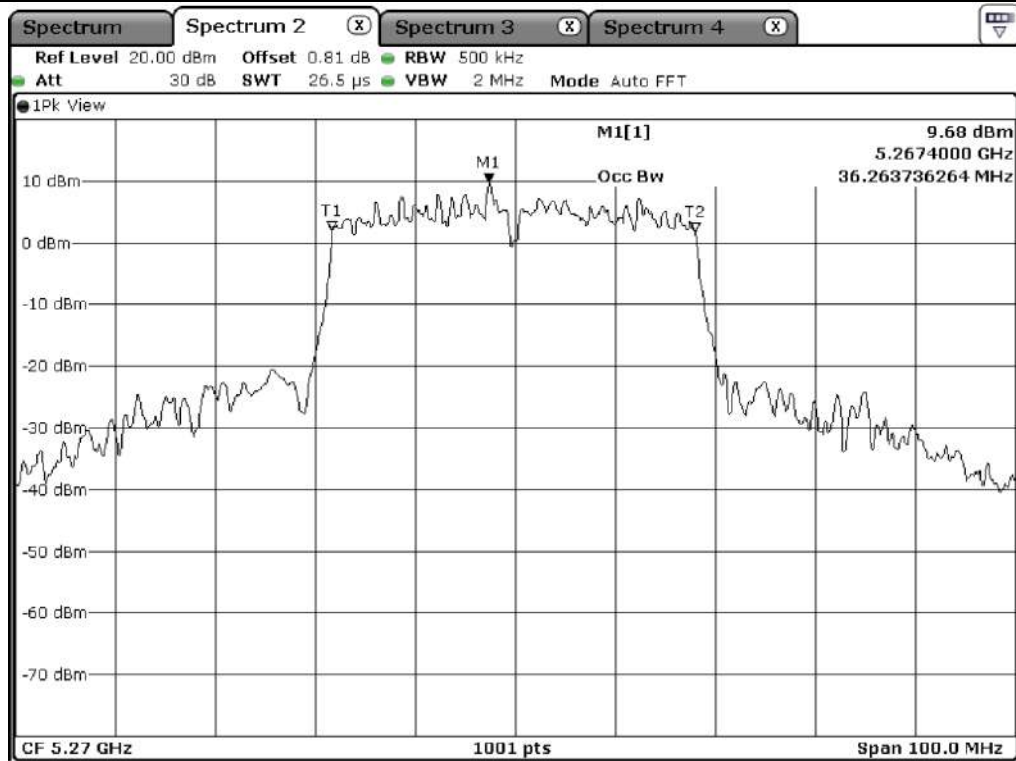
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	99 % Bandwidth (MHz)
5 150 ~ 5 250	Low	5 190.00	36.16
	High	5 230.00	36.06
5 250 ~ 5 350	Low	5 270.00	36.26
	High	5 310.00	36.26
5 470 ~ 5 725	Low	5 510.00	36.16
	Middle	5 550.00	36.06
	High	5 670.00	36.06
5 725 ~ 5 850	Low	5 755.00	36.16
	High	5 795.00	36.06



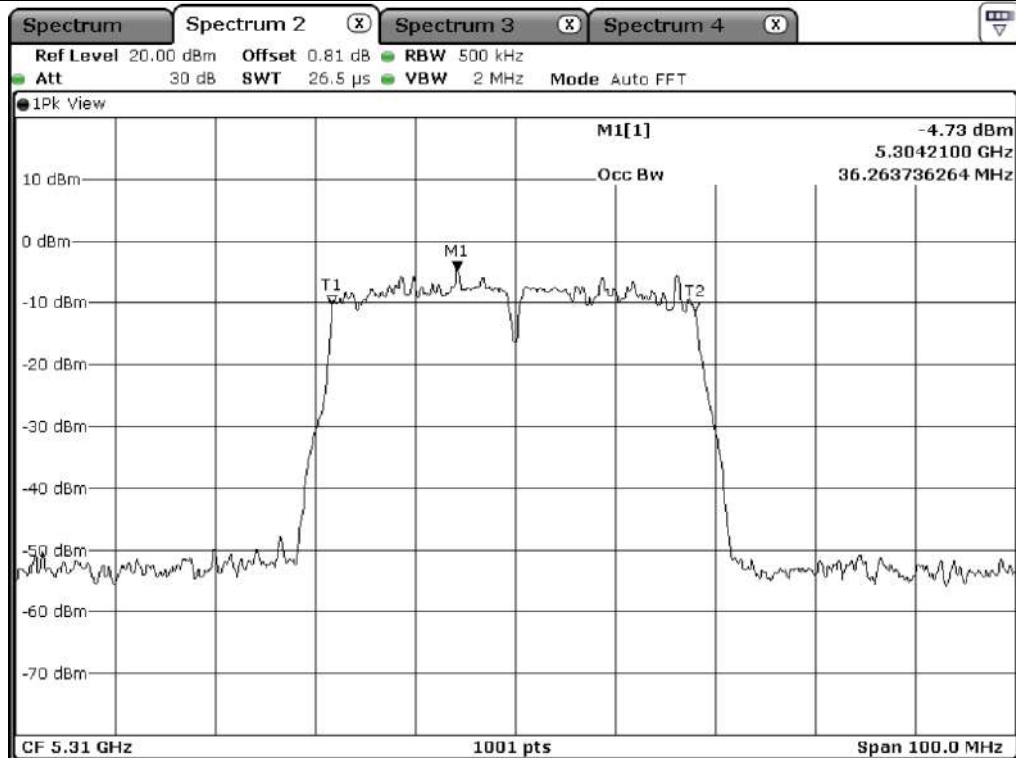
Low Channel (5 190 MHz)



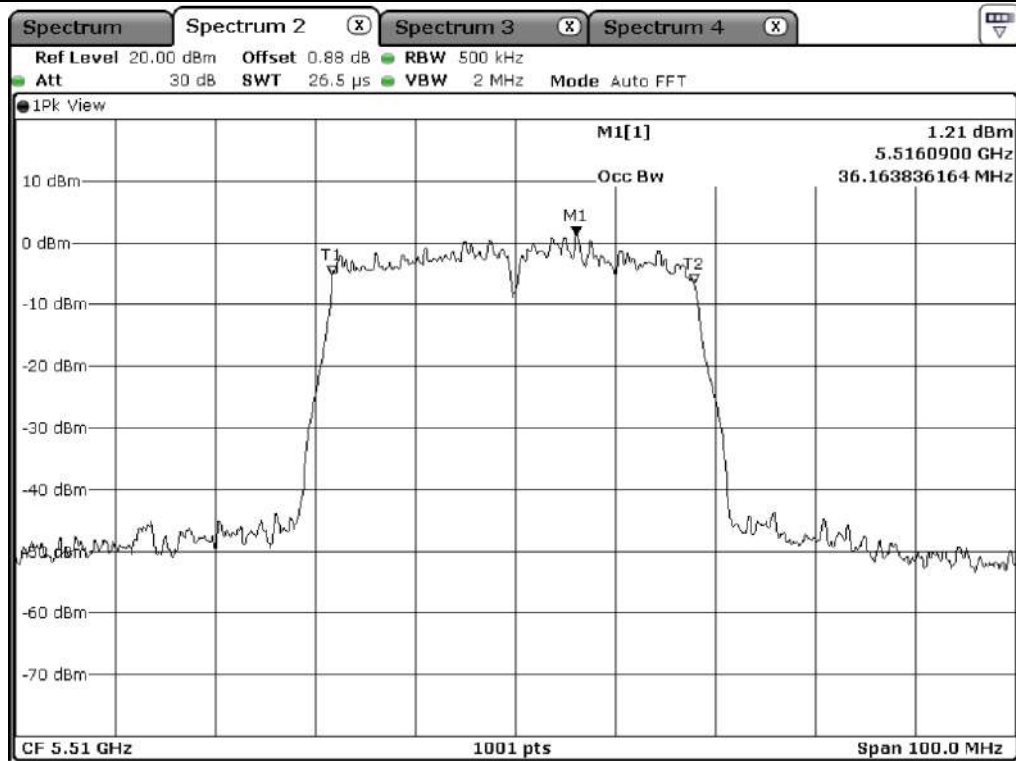
High Channel (5 230 MHz)



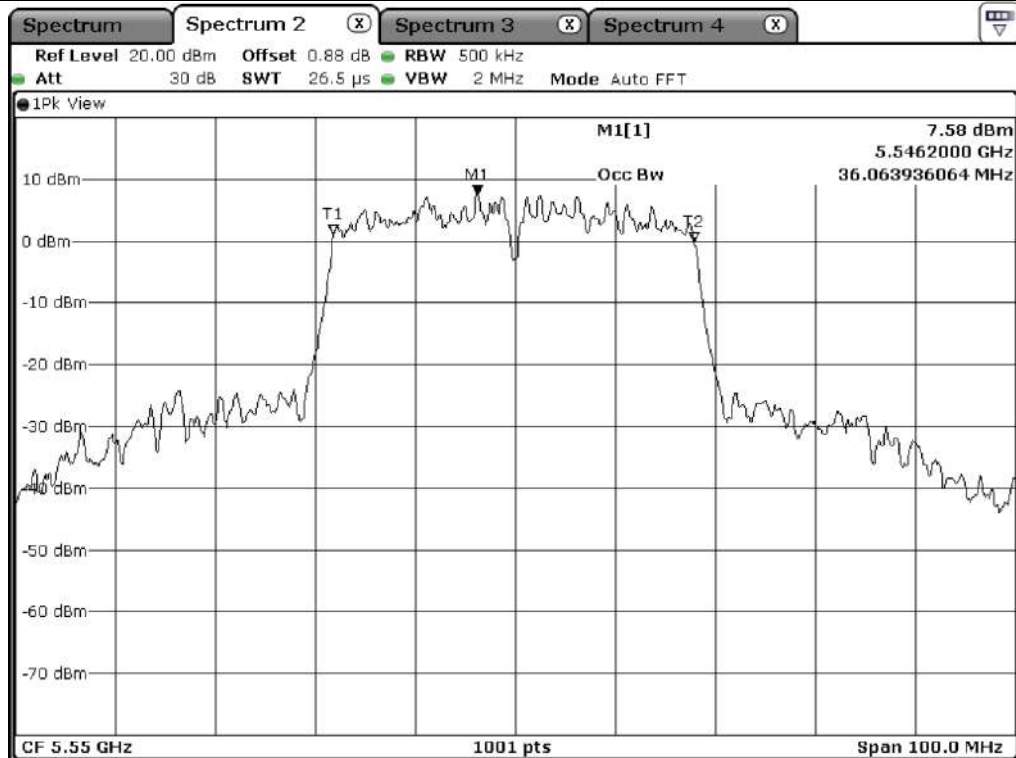
Low Channel (5 270 MHz)



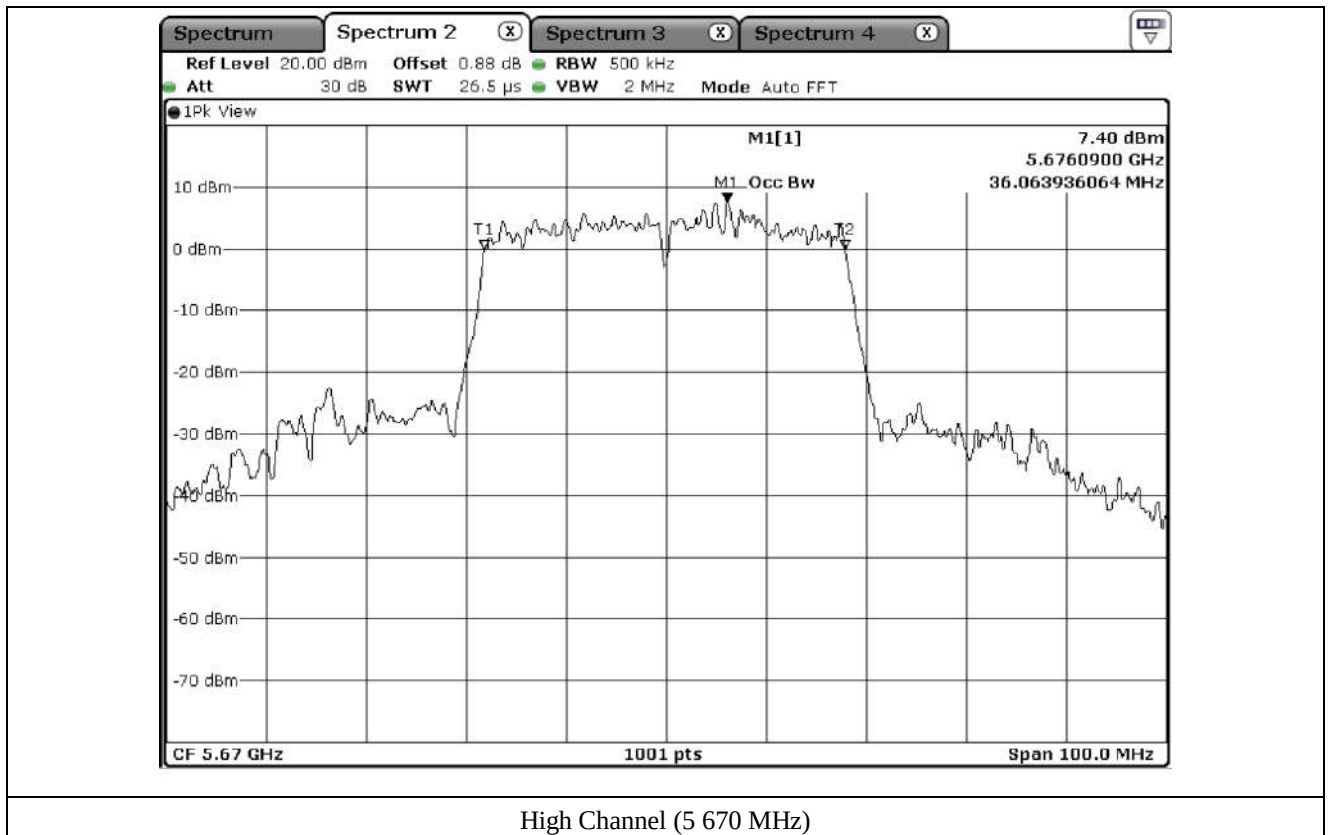
High Channel (5 310 MHz)

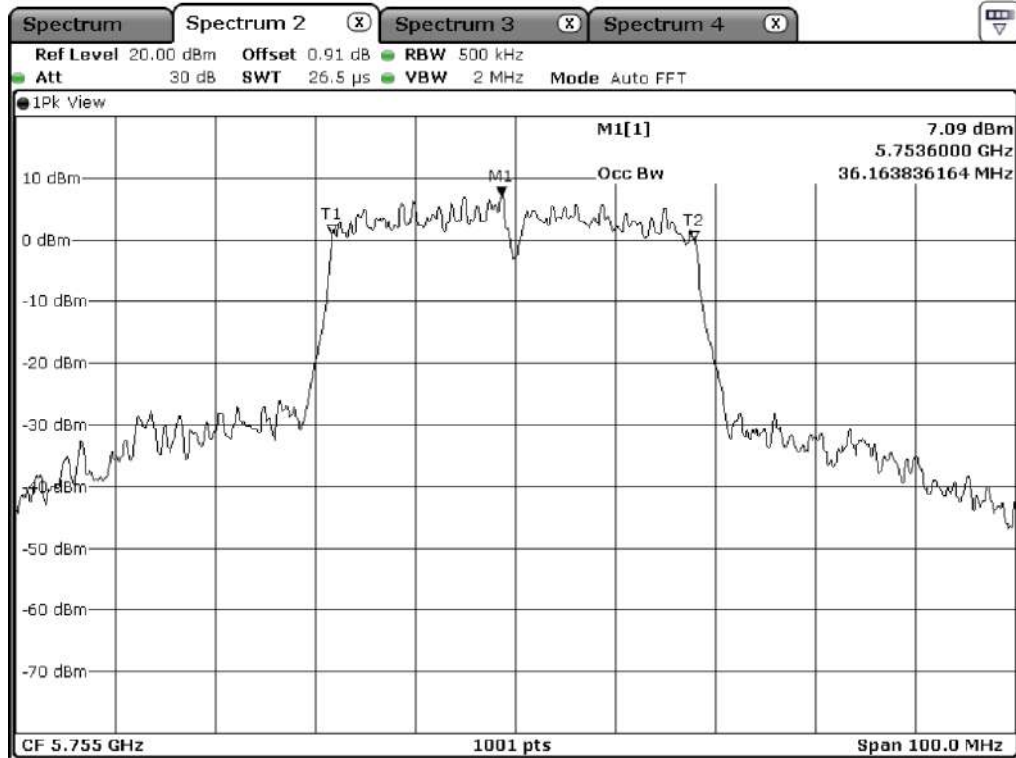


Low Channel (5 510 MHz)

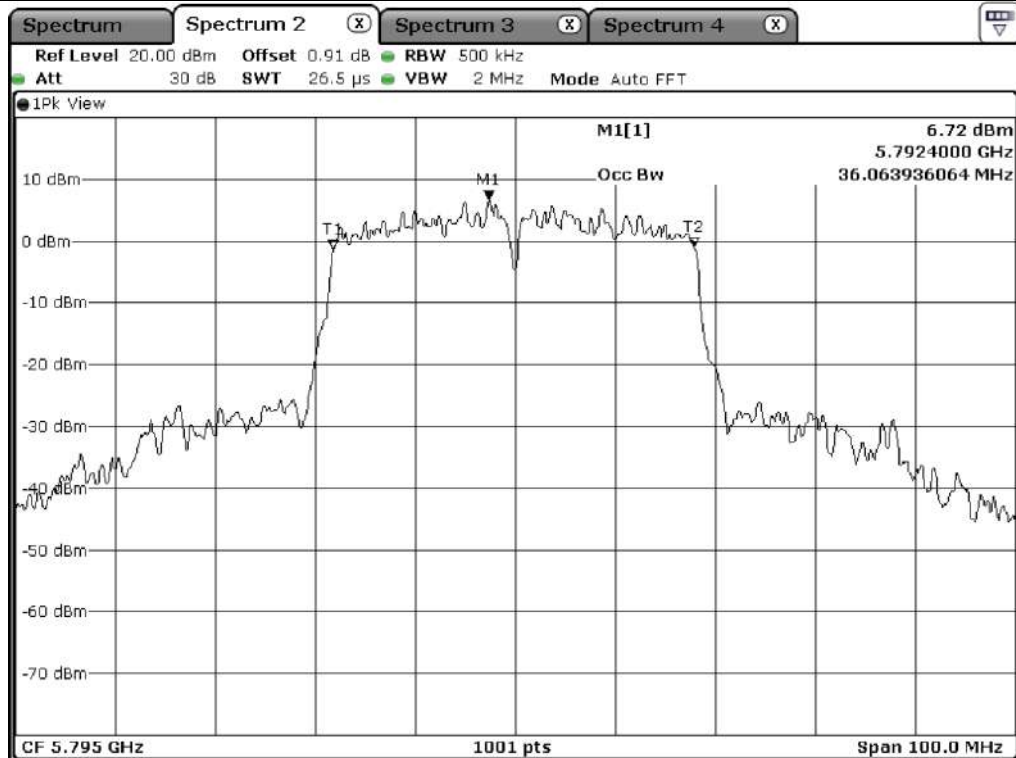


Middle Channel (5 550 MHz)





Low Channel (5 755 MHz)



High Channel (5 795 MHz)

7.6.2.2 MINIMUM 26 dB BANDWIDTH

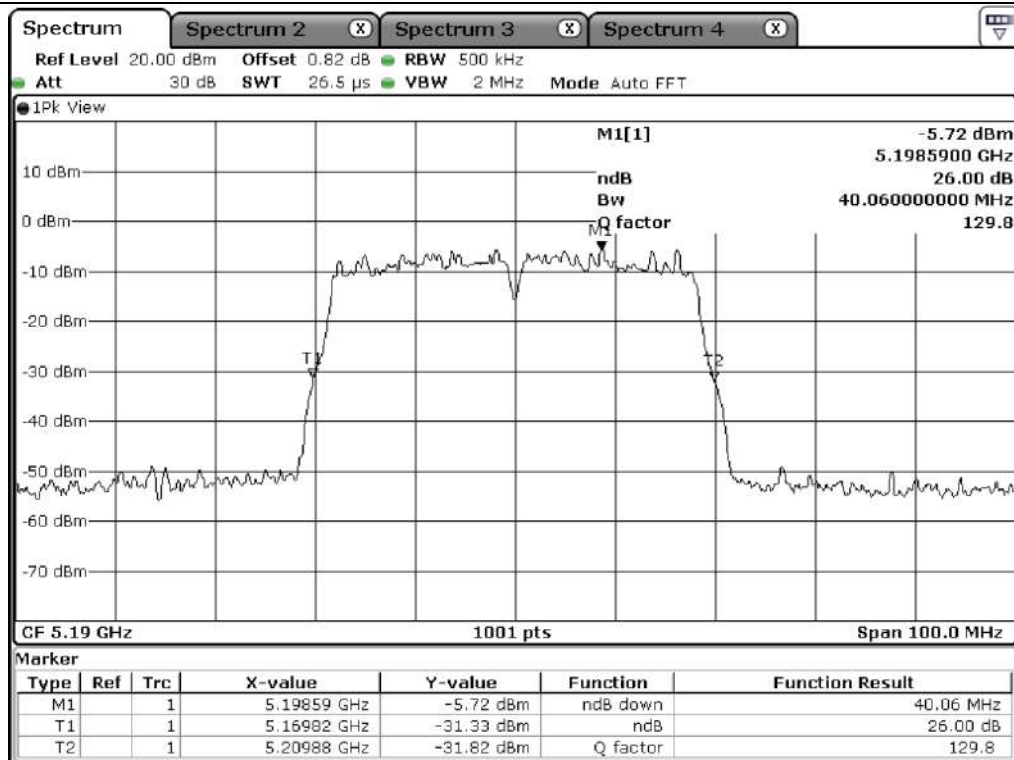
-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 150 ~ 5 250	Low	5 190.00	40.06
	High	5 230.00	40.46
5 250 ~ 5 350	Low	5 270.00	40.46
	High	5 310.00	40.16
5 470 ~ 5 725	Low	5 510.00	40.36
	Middle	5 550.00	40.16
	High	5 670.00	40.26
5 725 ~ 5 850	Low	5 755.00	39.46
	High	5 795.00	39.86

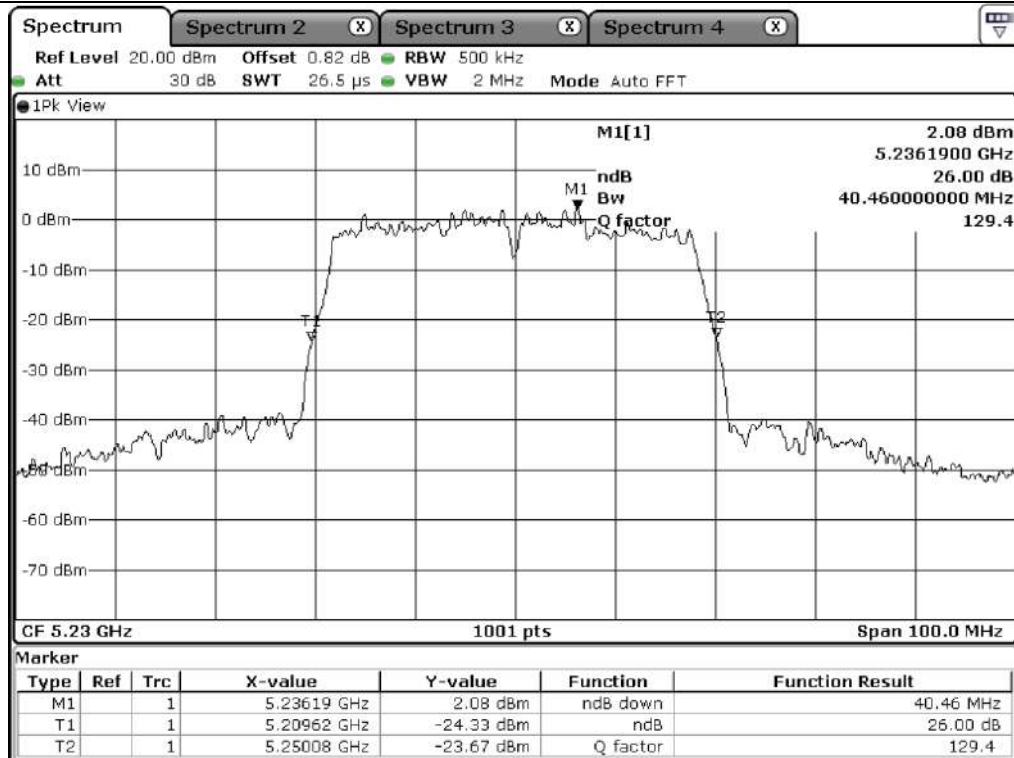
[Staddle Channel]

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 470 ~ 5 725	5 710.00	35.28
5 725 ~ 5 850	5 710.00	4.98

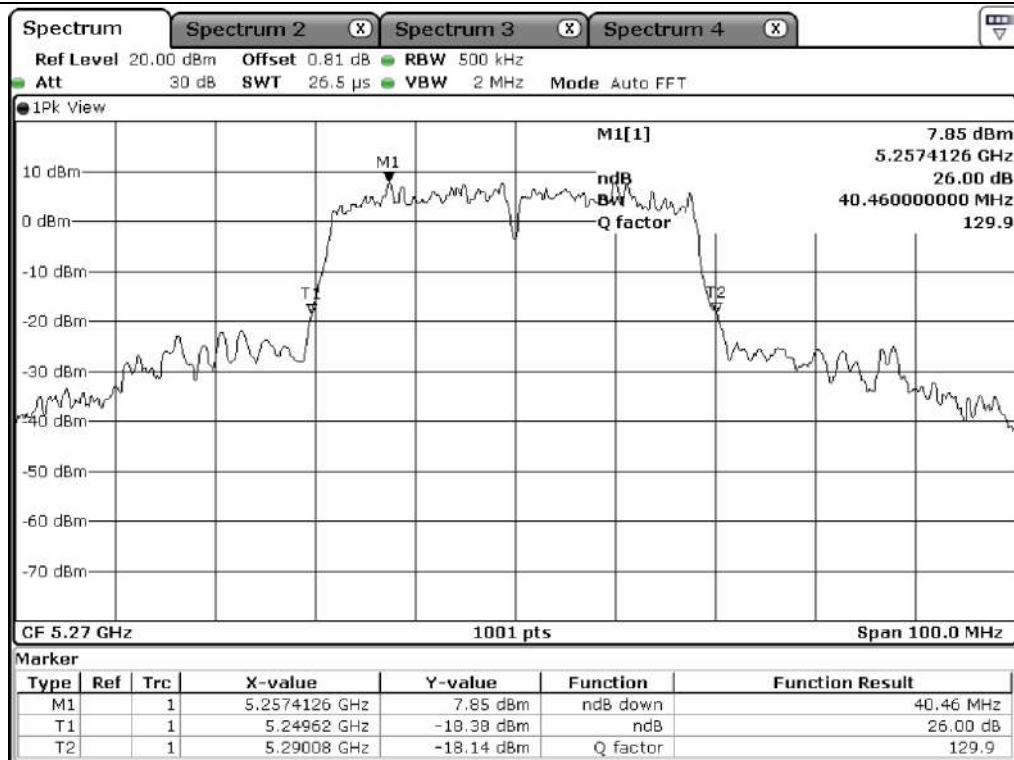
Remark: See next page for measurement data.



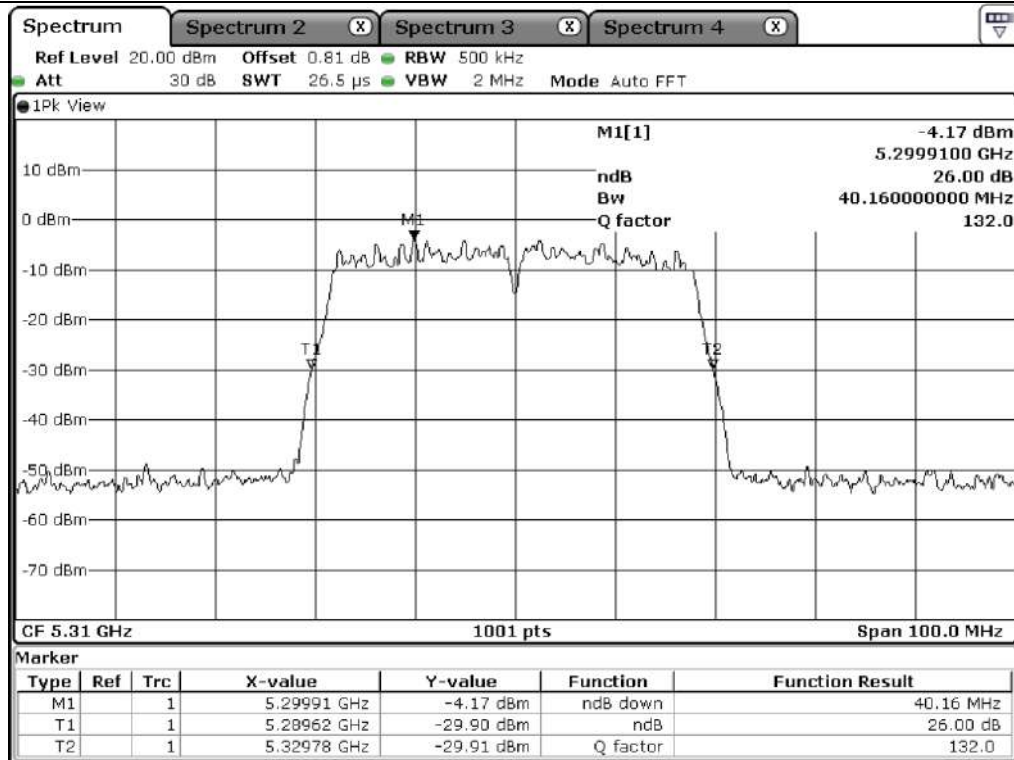
Low Channel (5 190 MHz)



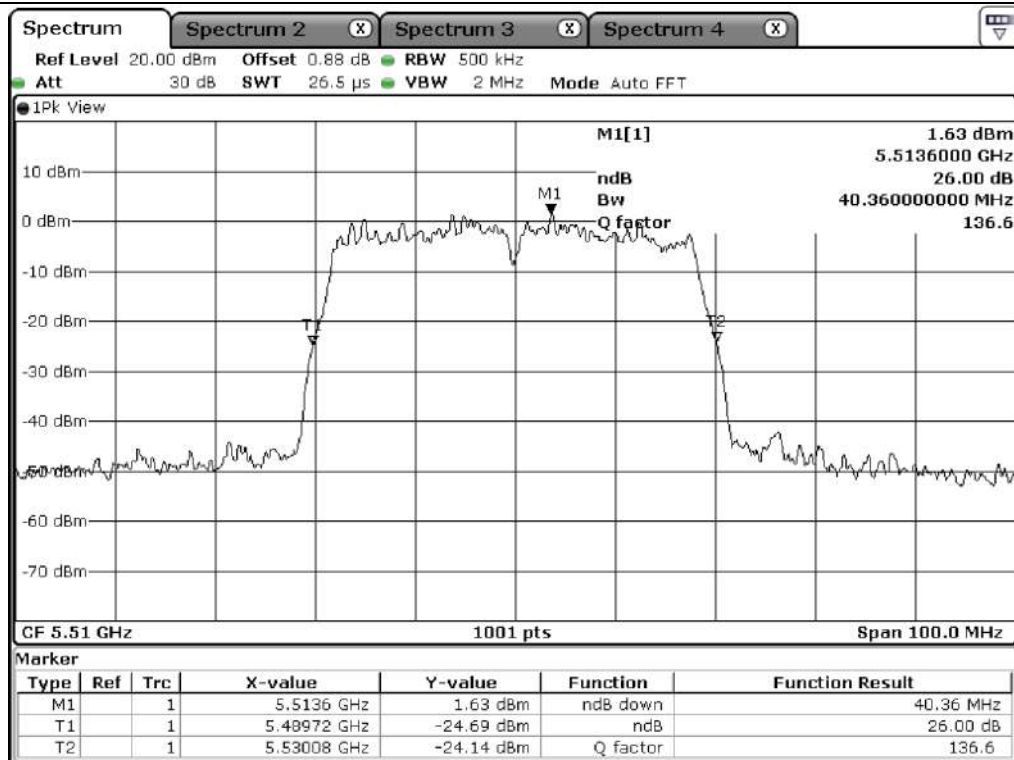
High Channel (5 230 MHz)



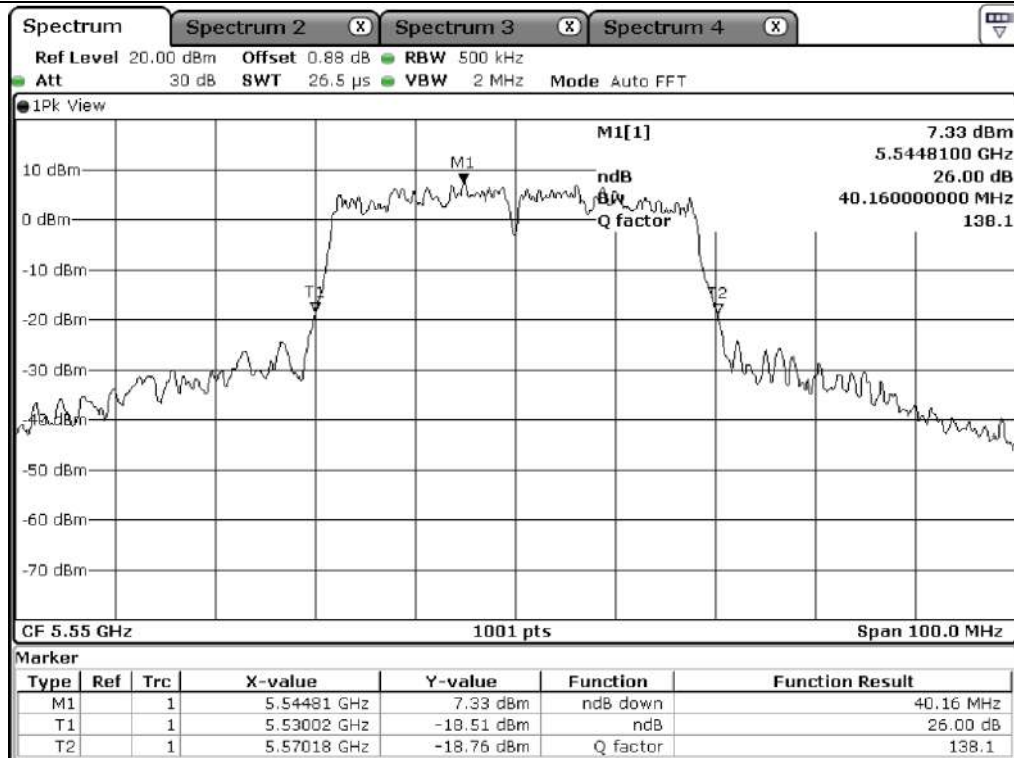
Low Channel (5 270 MHz)



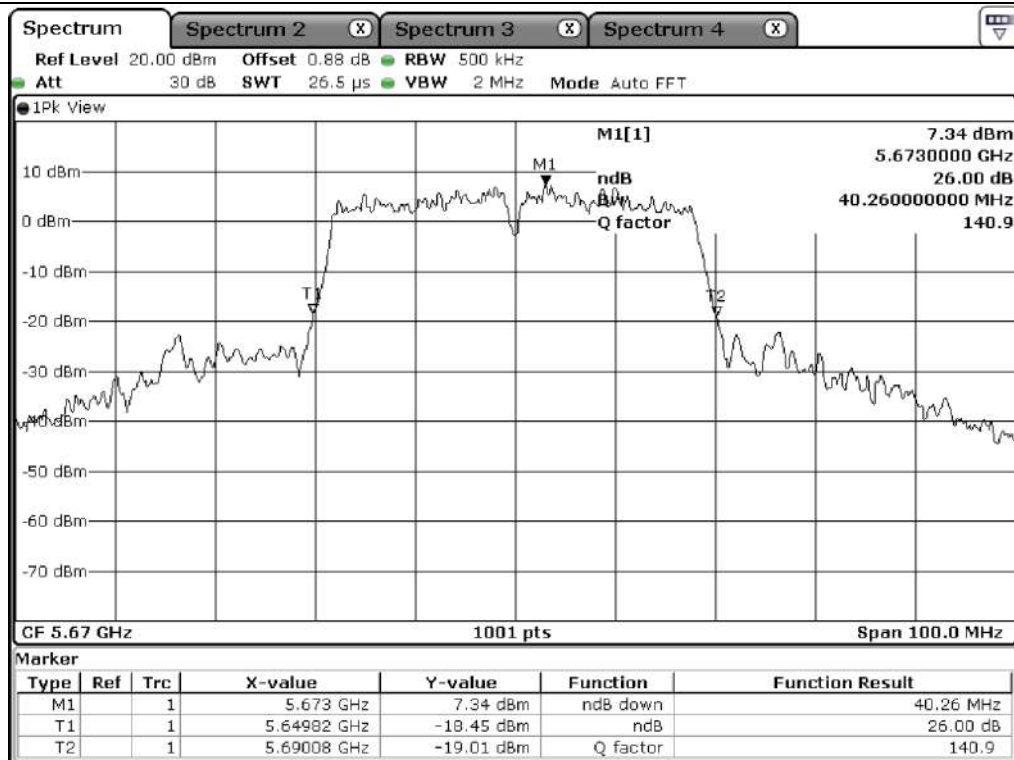
High Channel (5 310 MHz)



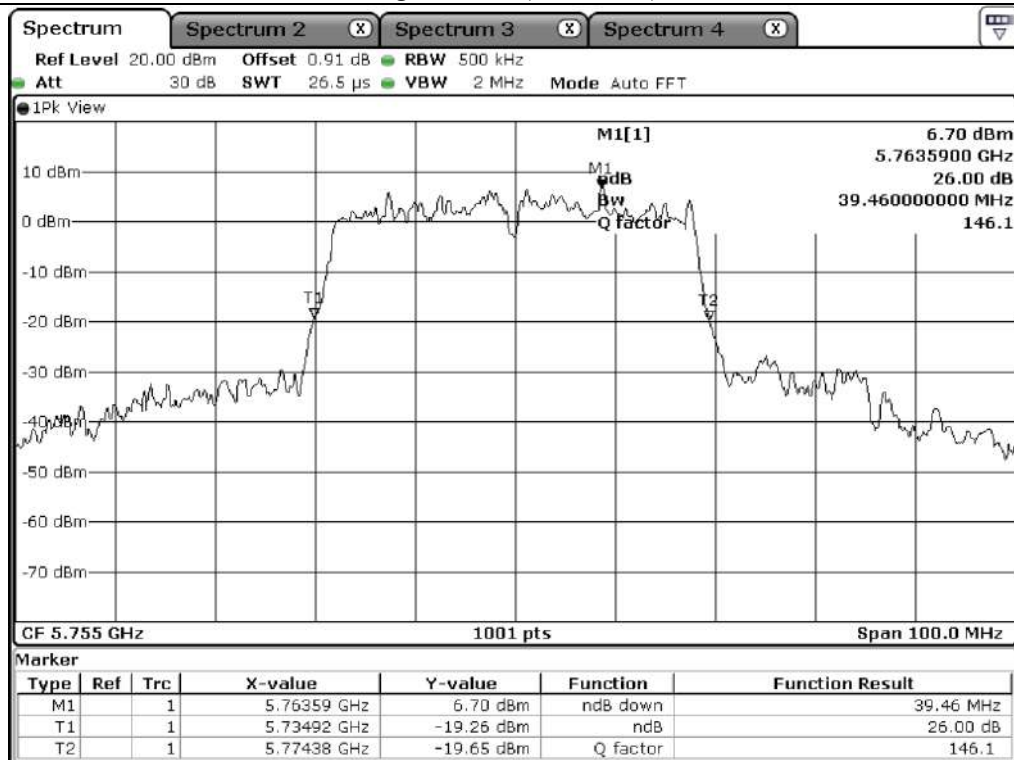
Low Channel (5 510 MHz)



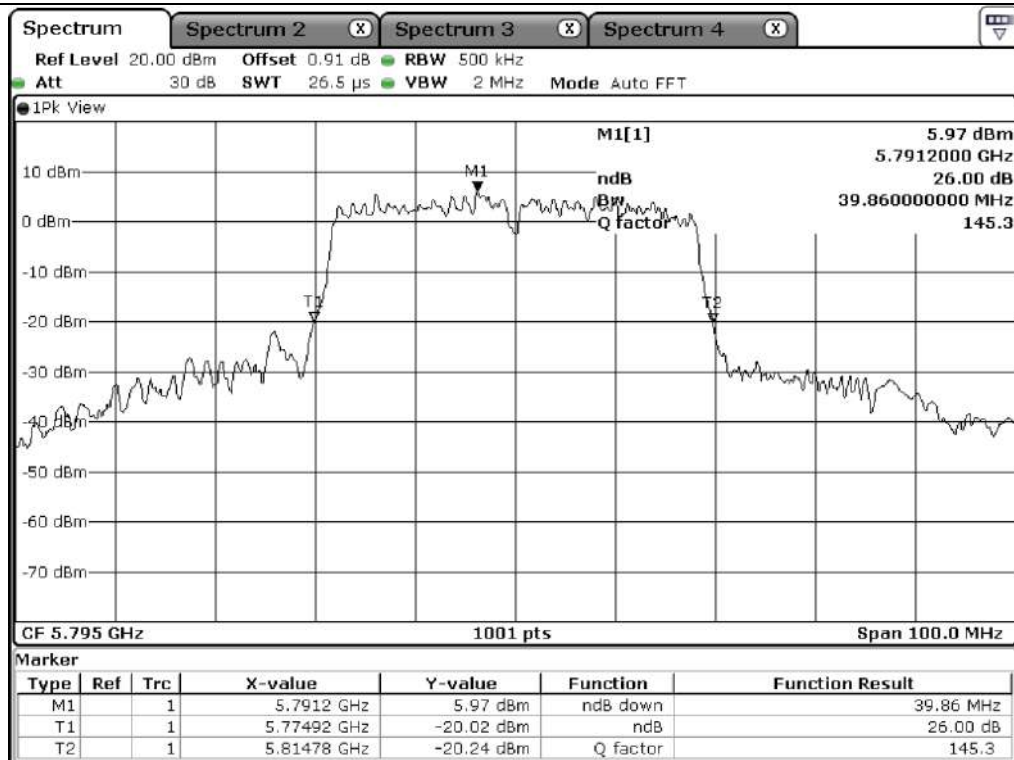
Middle Channel (5 550 MHz)



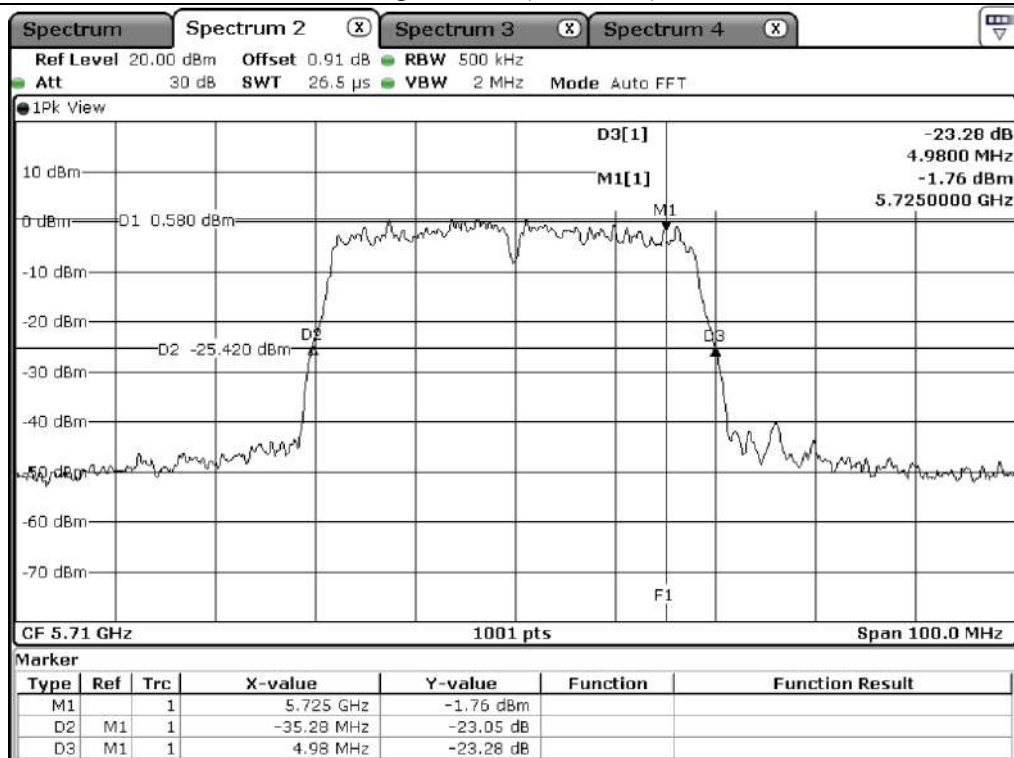
High Channel (5 670 MHz)



Low Channel (5 755 MHz)



High Channel (5 795 MHz)



Staddle Channel (5 710 MHz)

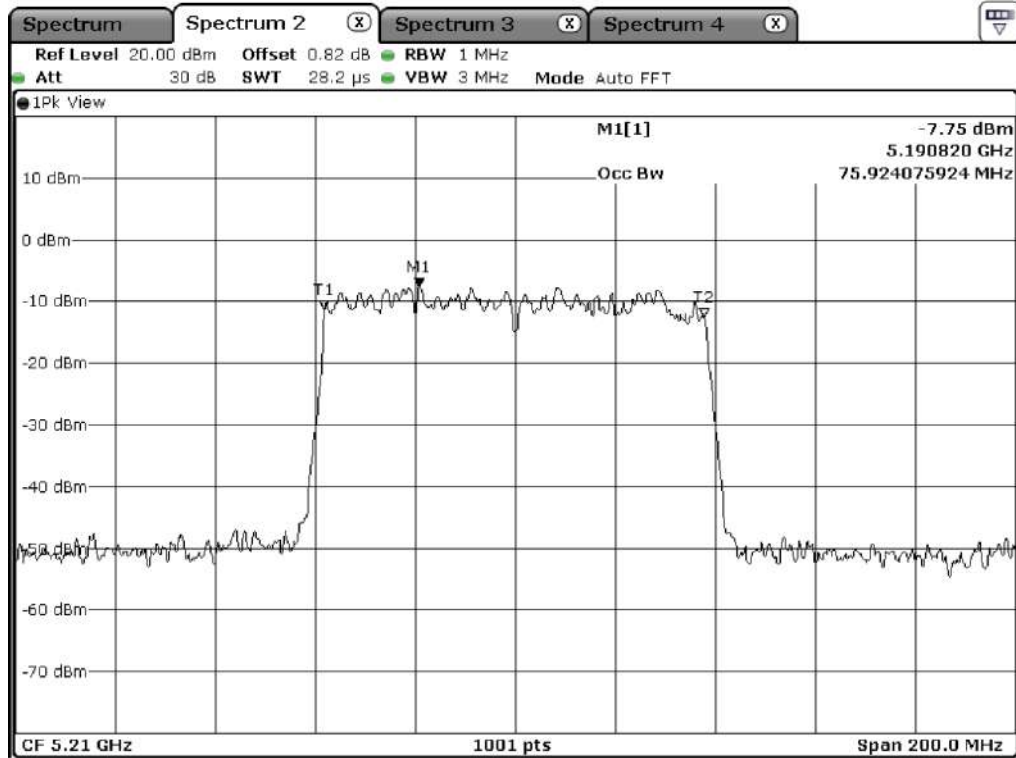
7.7 Test data for 802.11ac_VHT80 RLAN Mode

7.7.1 Test data for Antenna 0

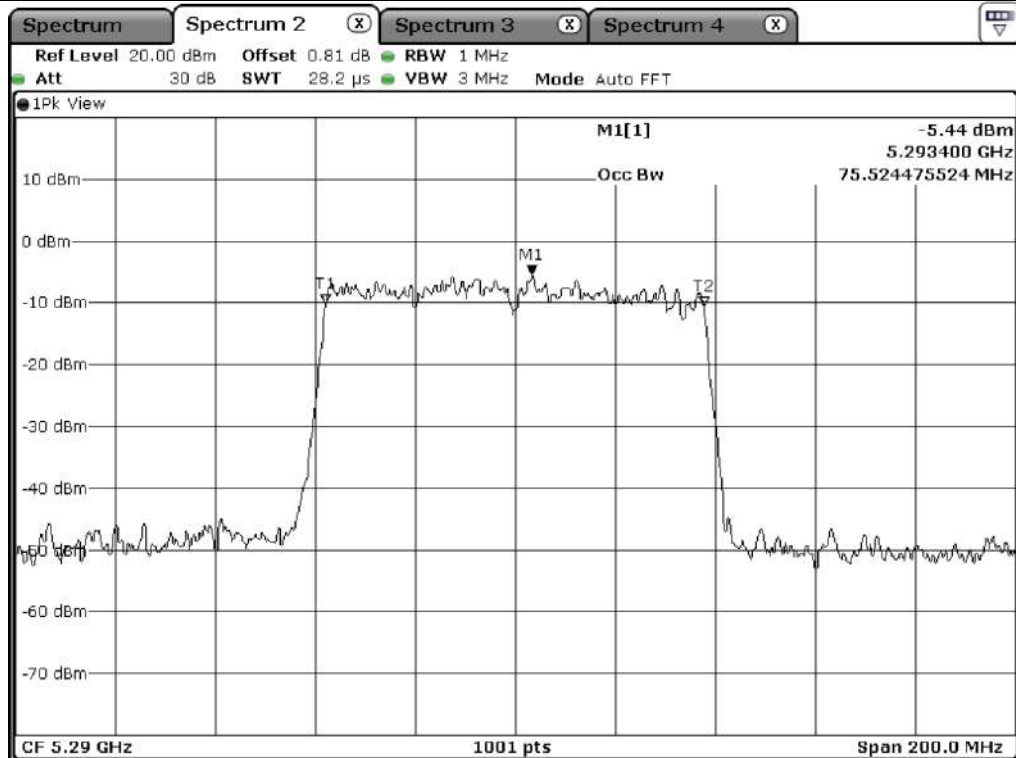
7.7.1.1 99 % OCCUPIED BANDWIDTH

-. Test Result : Pass

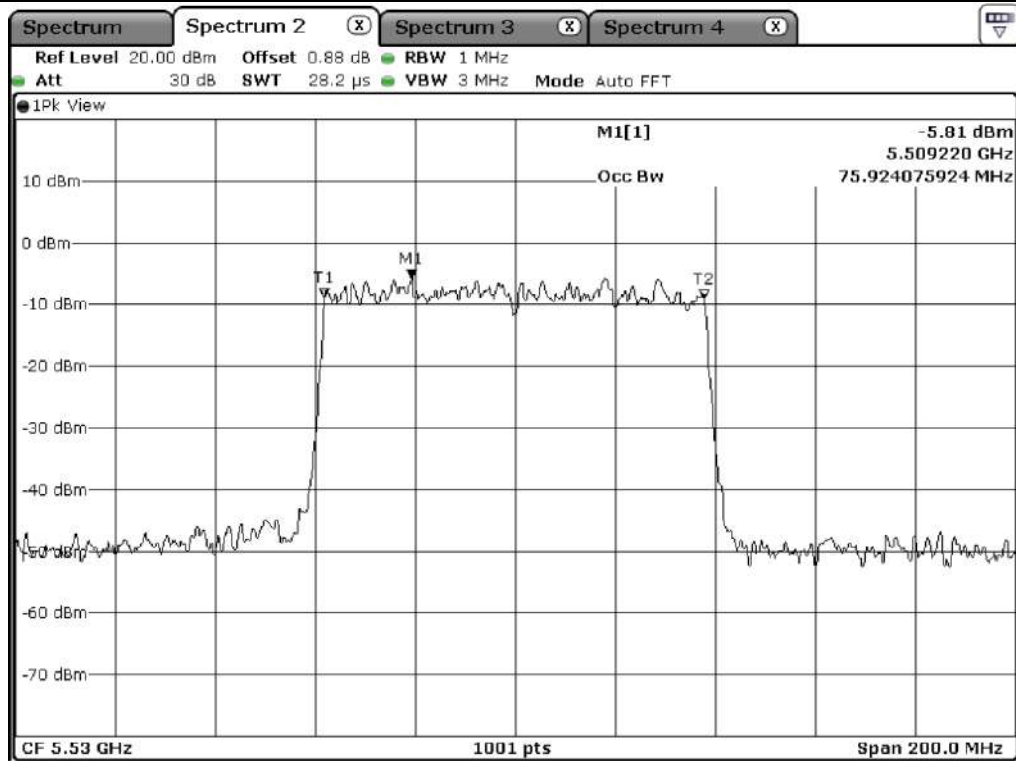
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	99 % Bandwidth (MHz)
5 150 ~ 5 250	Middle	5 210.00	75.92
5 250 ~ 5 350	Middle	5 290.00	75.72
5 470 ~ 5 725	Middle	5 530.00	75.72
5 725 ~ 5 850	Middle	5 775.00	75.92



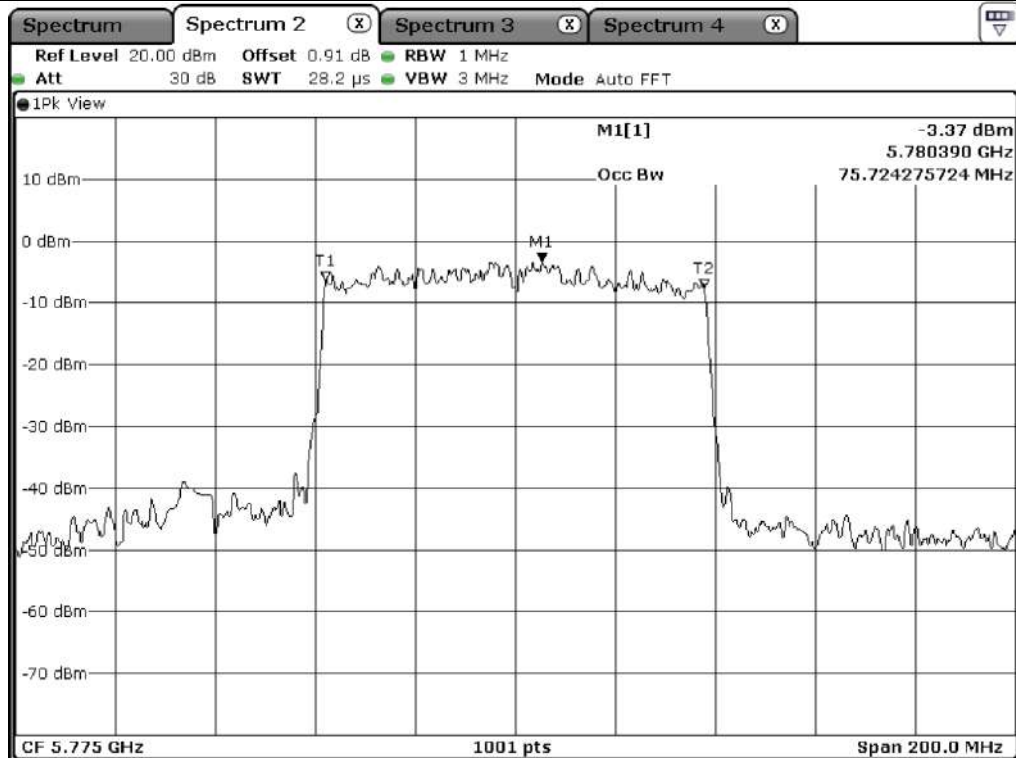
Middle Channel (5 210 MHz)



Middle Channel (5 290 MHz)



Middle Channel (5 530 MHz)



Middle Channel (5 775 MHz)

7.7.1.2 MINIMUM 26 dB BANDWIDTH

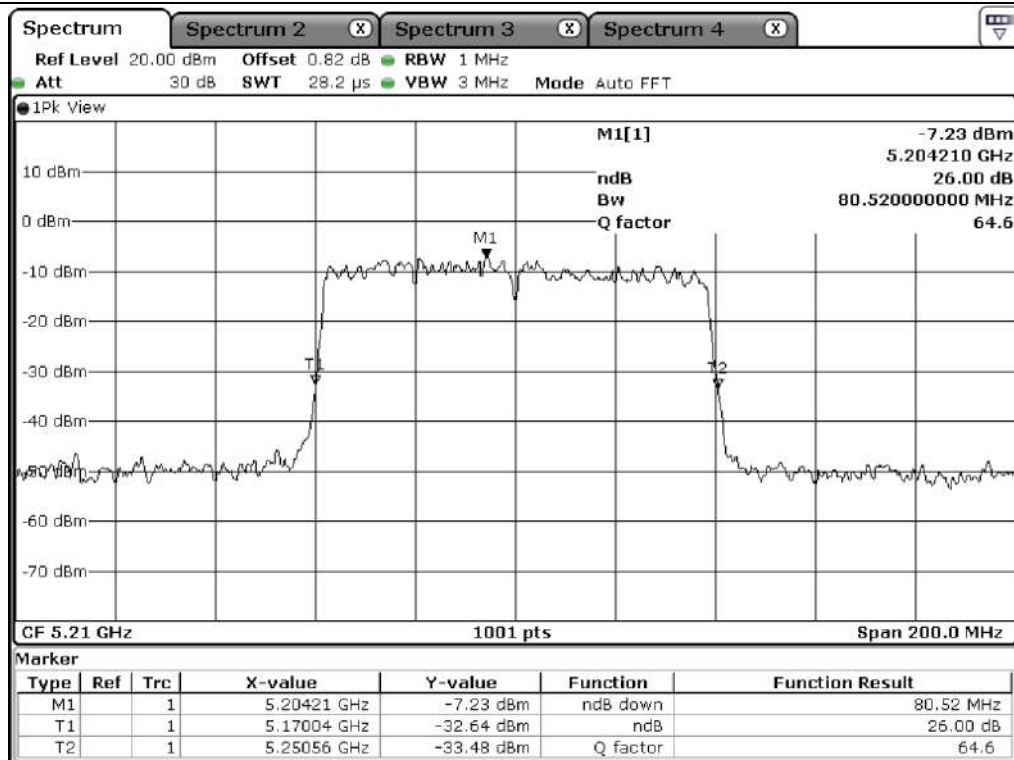
-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 150 ~ 5 250	Middle	5 210.00	80.52
5 250 ~ 5 350	Middle	5 290.00	80.92
5 470 ~ 5 725	Middle	5 530.00	81.12
5 725 ~ 5 850	Middle	5 775.00	79.92

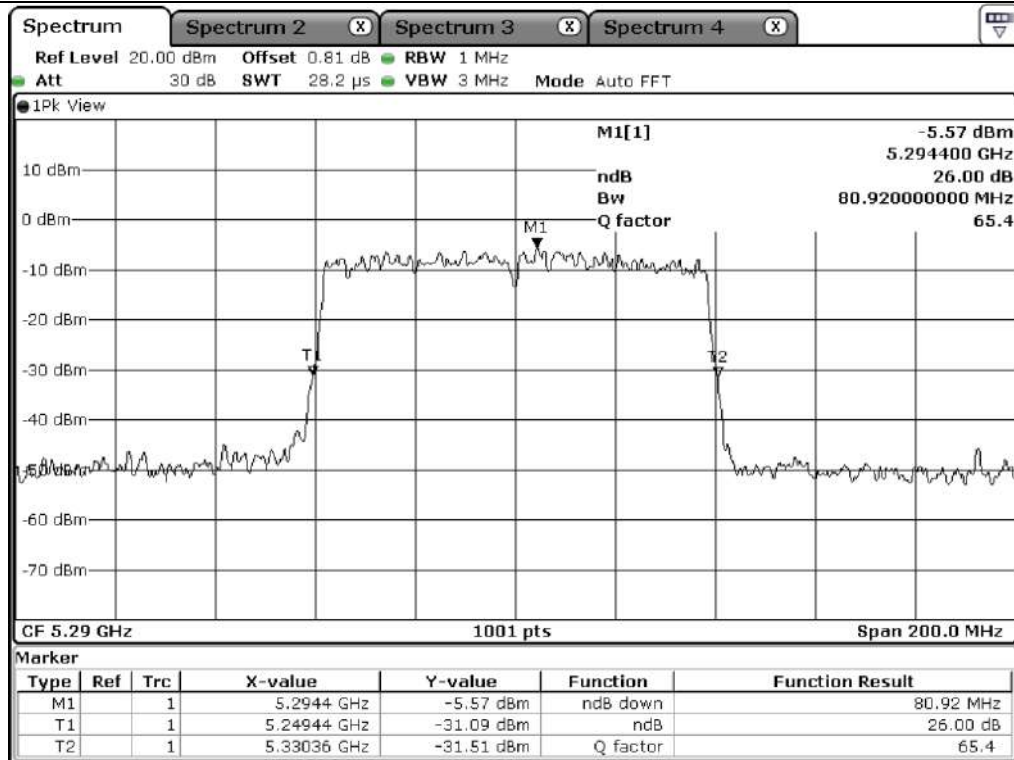
[Staddle Channel]

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 470 ~ 5 725	5 690.00	75.36
5 725 ~ 5 850	5 690.00	5.16

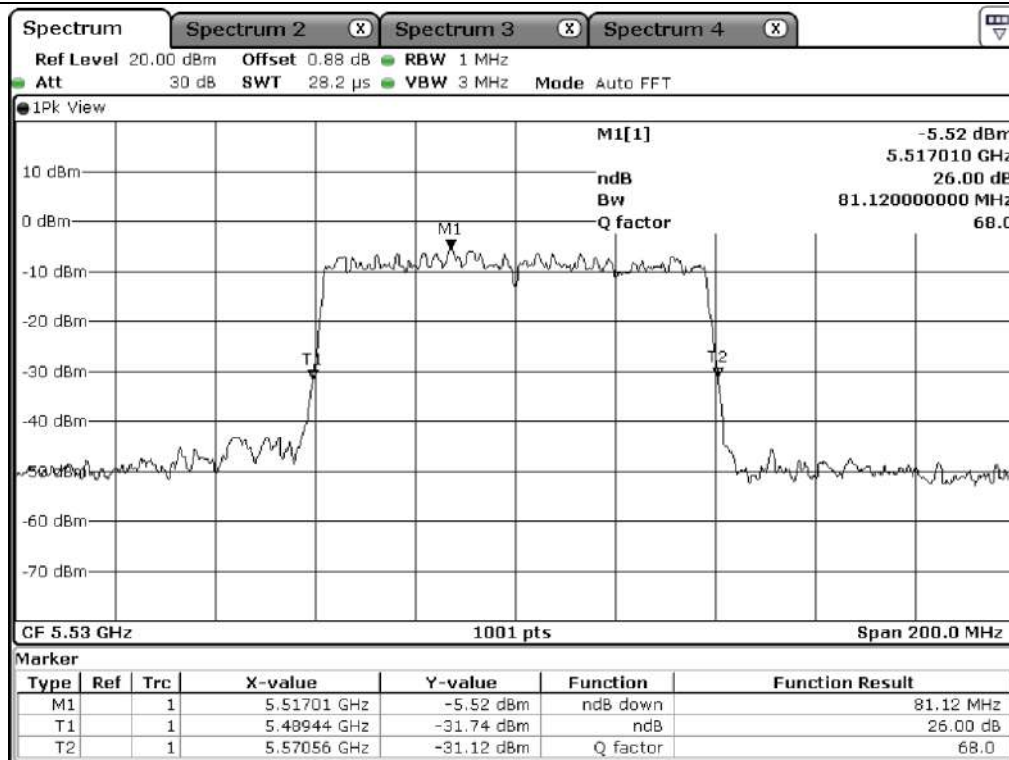
Remark: See next page for measurement data.



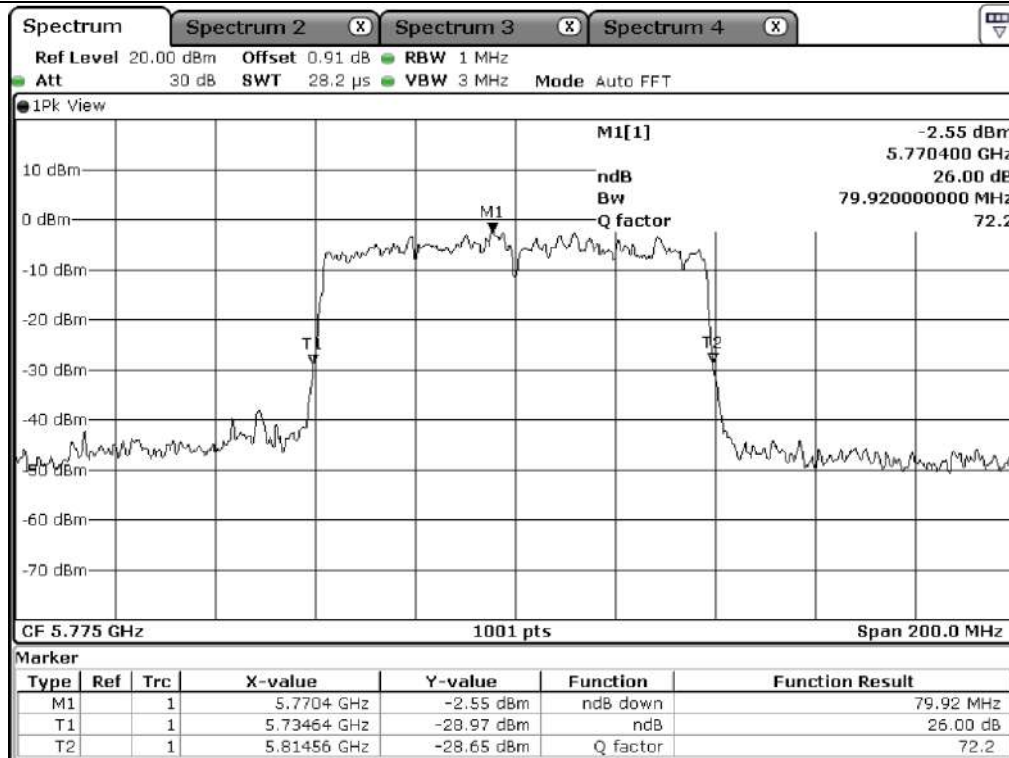
Middle Channel (5 210 MHz)



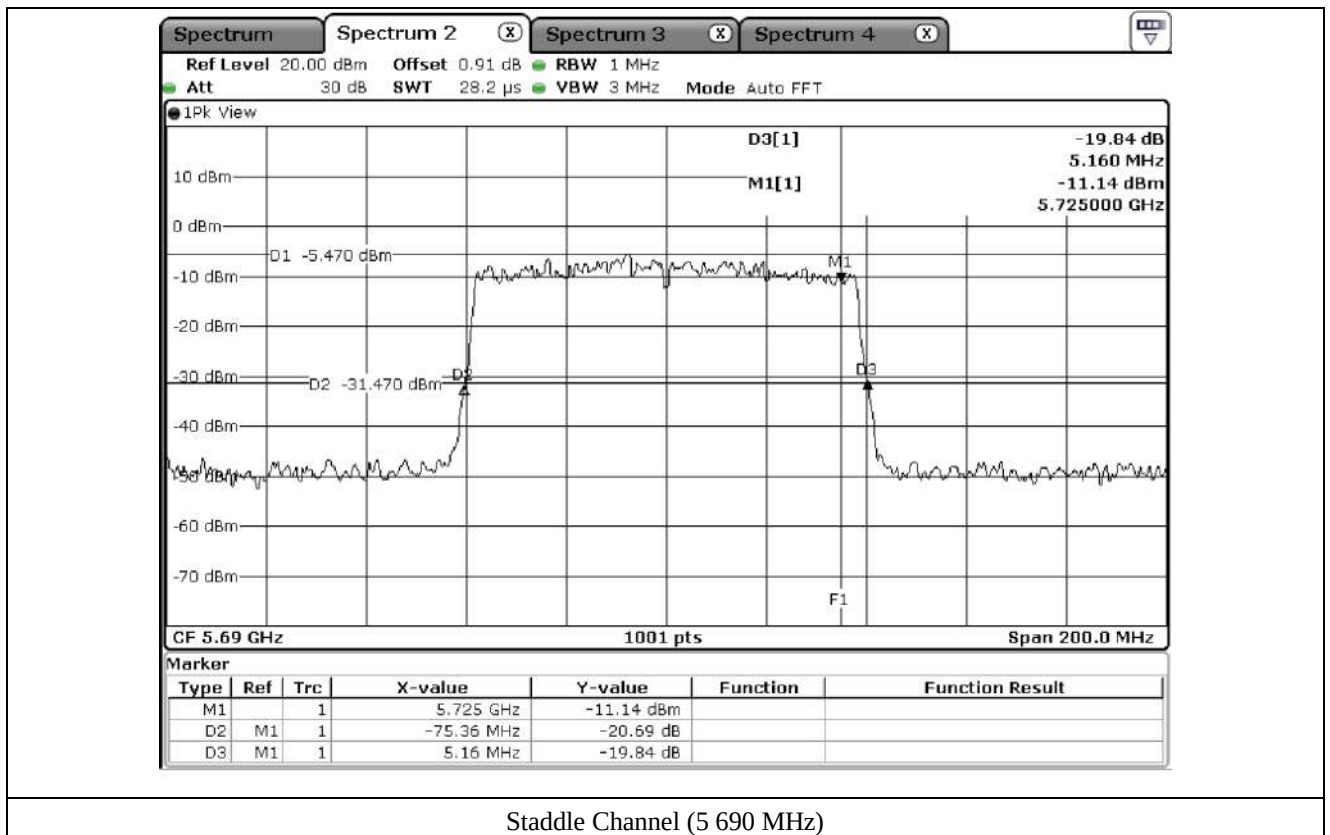
Middle Channel (5 290 MHz)



Middle Channel (5 530 MHz)



Middle Channel (5 775 MHz)

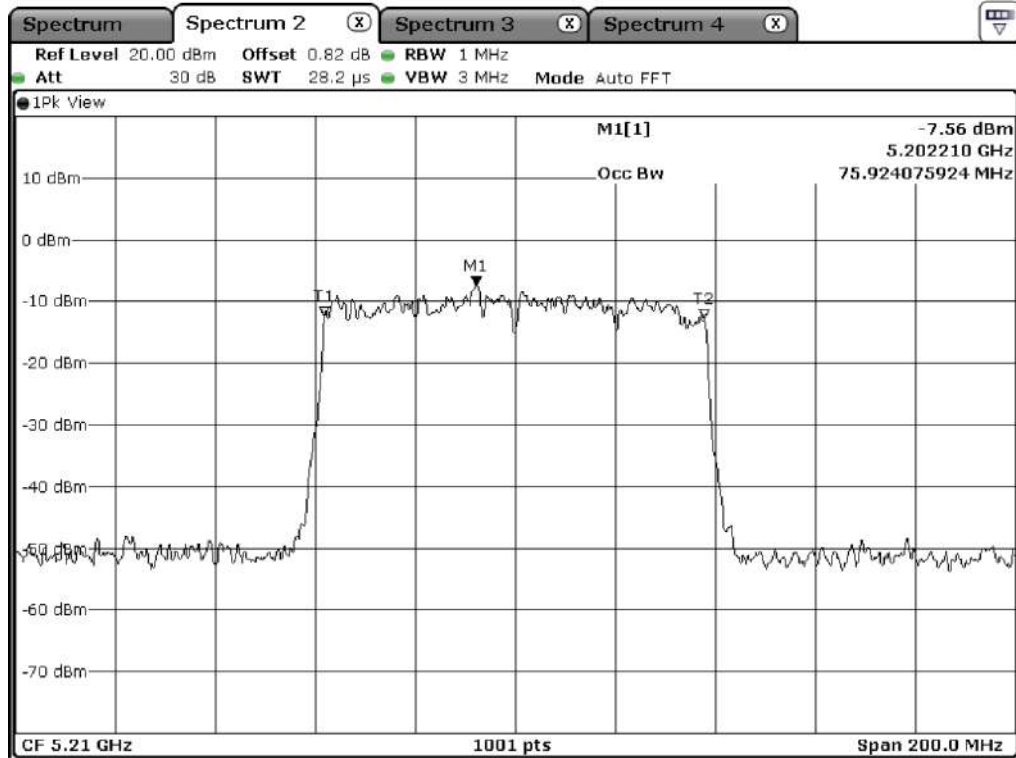


7.7.2 Test data for Antenna 1

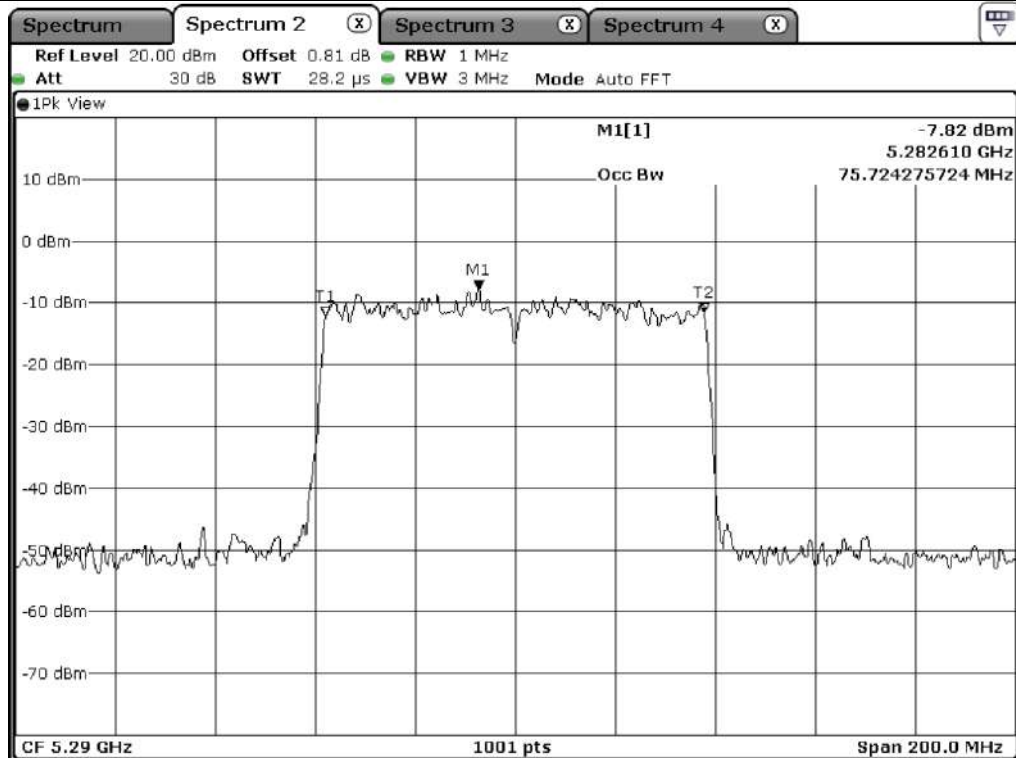
7.7.2.1 99 % OCCUPIED BANDWIDTH

-. Test Result : Pass

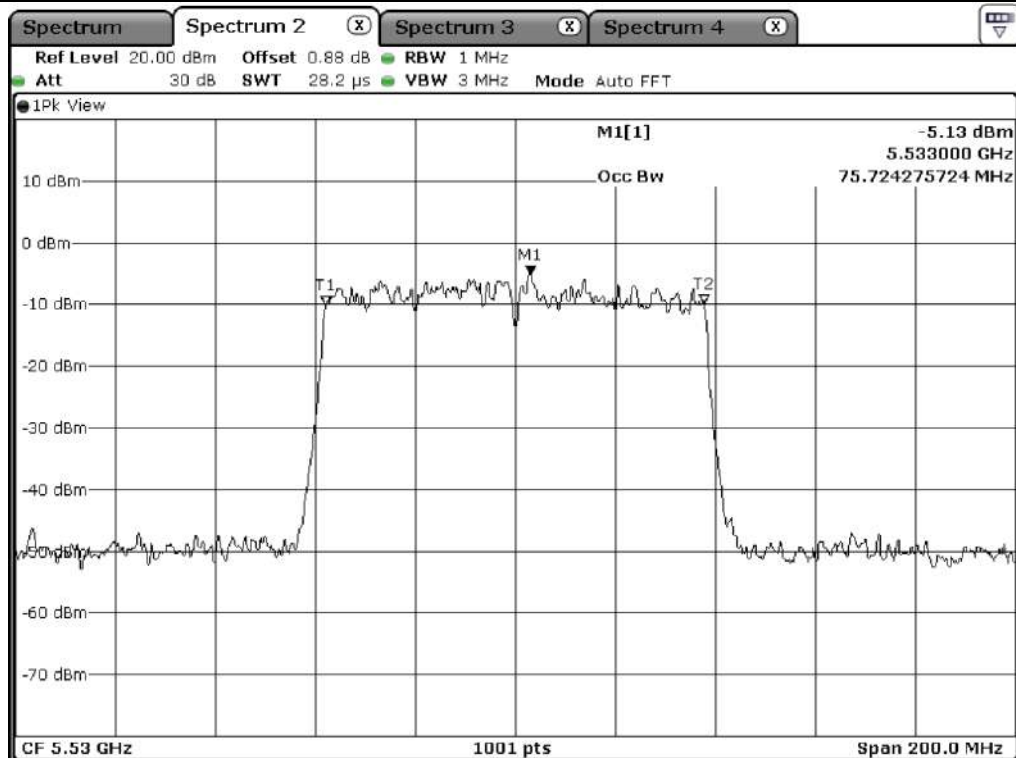
FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	99 % Bandwidth (MHz)
5 150 ~ 5 250	Middle	5 210.00	75.92
5 250 ~ 5 350	Middle	5 290.00	75.72
5 470 ~ 5 725	Middle	5 530.00	75.72
5 725 ~ 5 850	Middle	5 775.00	75.72



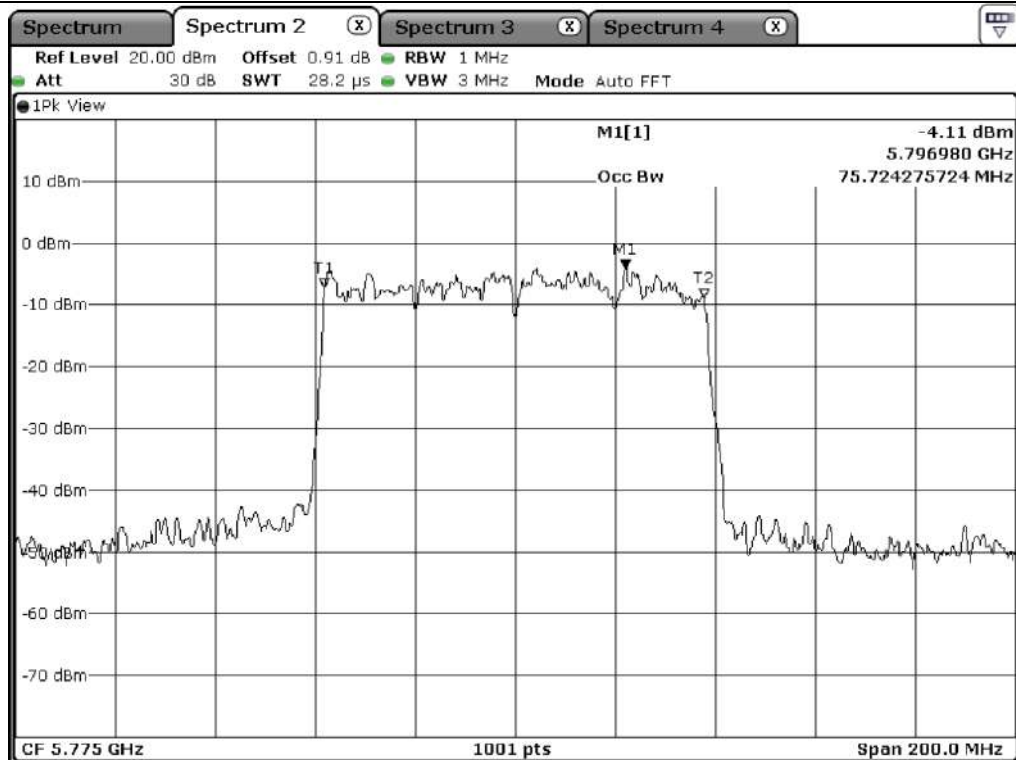
Middle Channel (5 210 MHz)



Middle Channel (5 290 MHz)



Middle Channel (5 530 MHz)



Middle Channel (5 775 MHz)

7.7.2.2 MINIMUM 26 dB BANDWIDTH

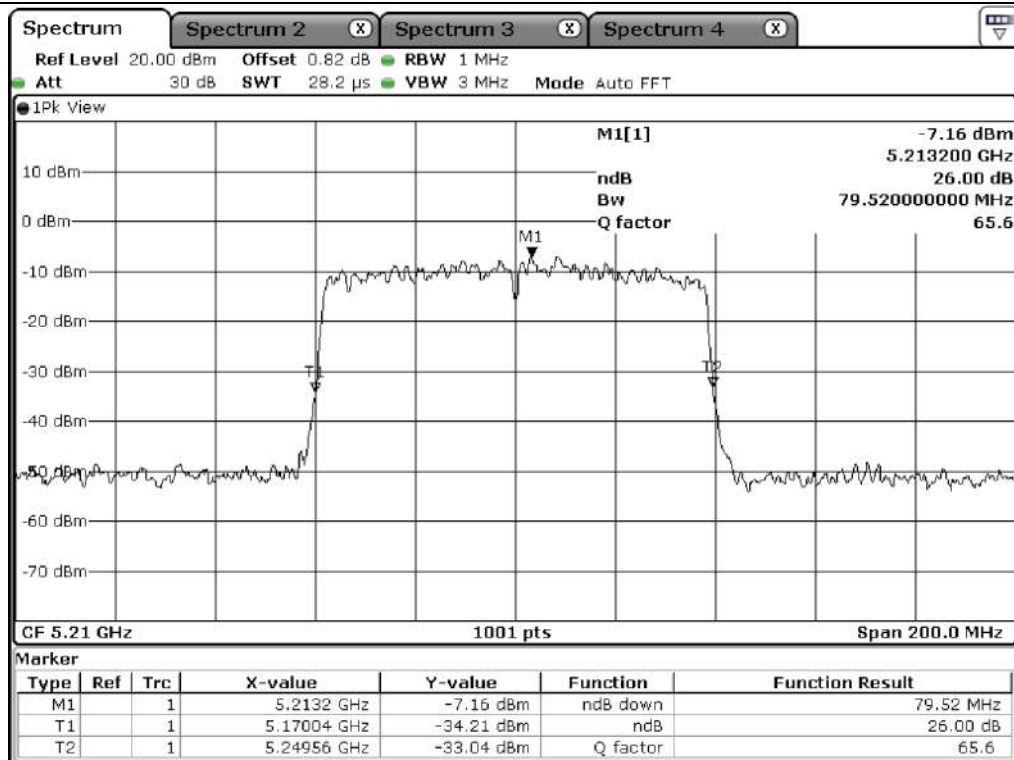
-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 150 ~ 5 250	Middle	5 210.00	79.52
5 250 ~ 5 350	Middle	5 290.00	80.12
5 470 ~ 5 725	Middle	5 530.00	80.12
5 725 ~ 5 850	Middle	5 775.00	79.32

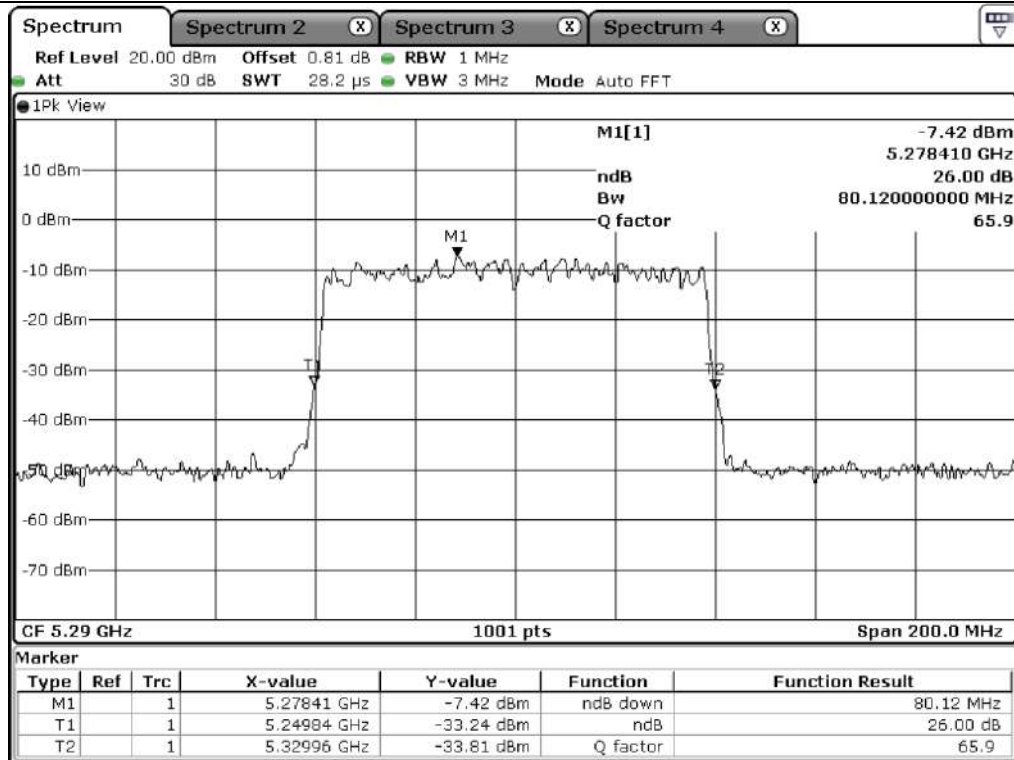
[Staddle Channel]

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	26 dB Bandwidth (MHz)
5 470 ~ 5 725	5 690.00	75.16
5 725 ~ 5 850	5 690.00	4.16

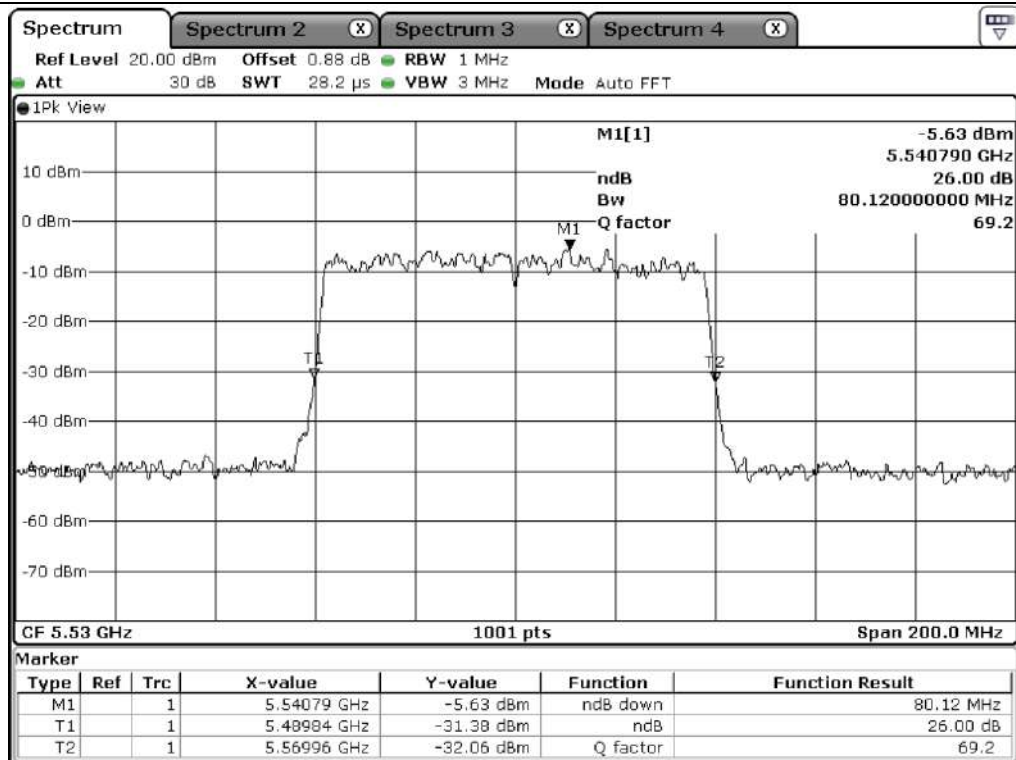
Remark: See next page for measurement data.



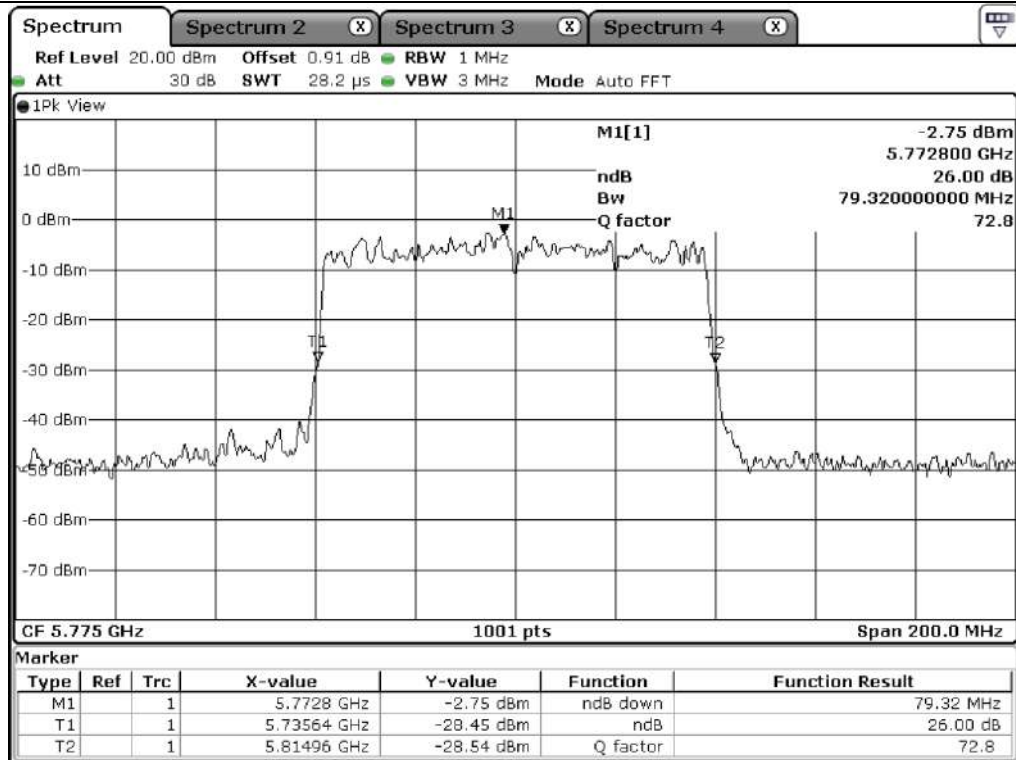
Middle Channel (5 210 MHz)



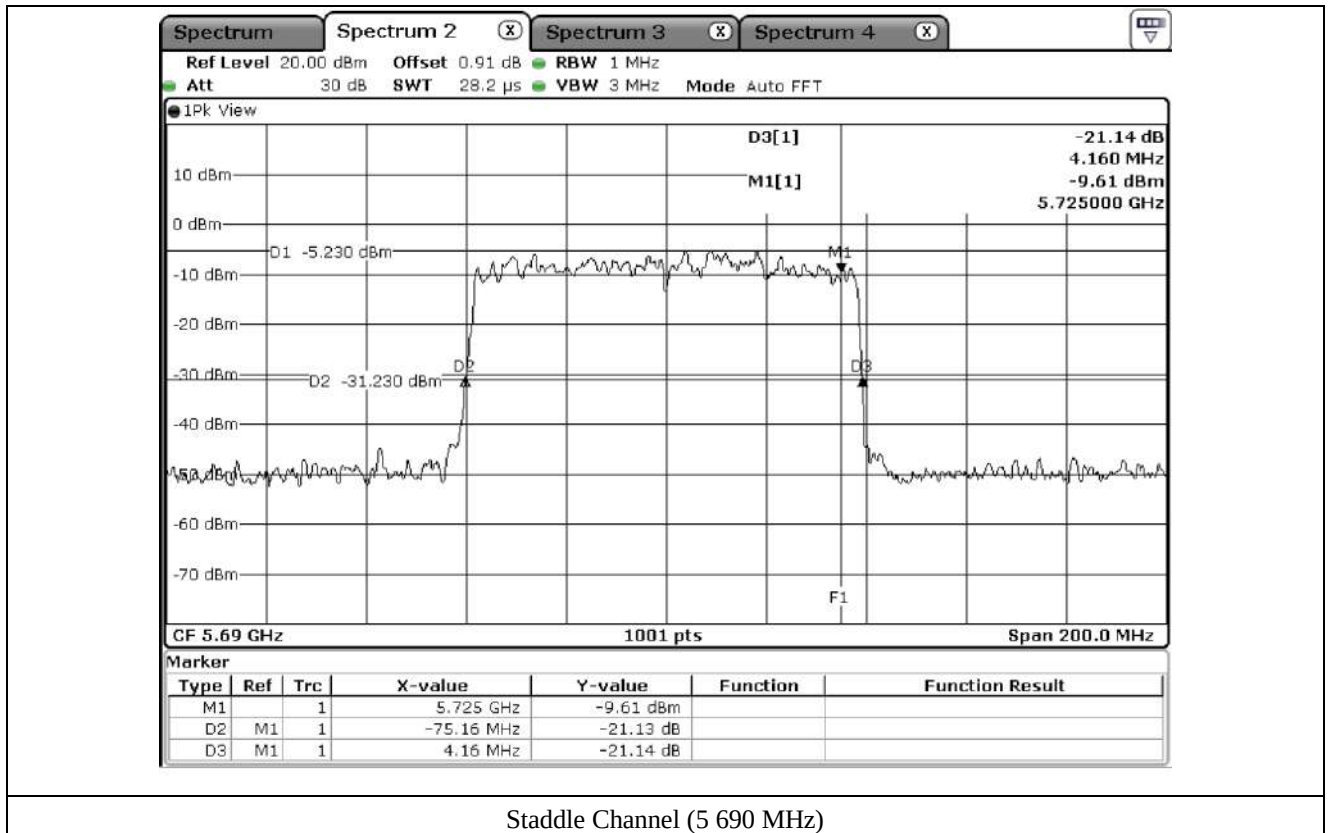
Middle Channel (5 290 MHz)



Middle Channel (5 530 MHz)



Middle Channel (5 775 MHz)



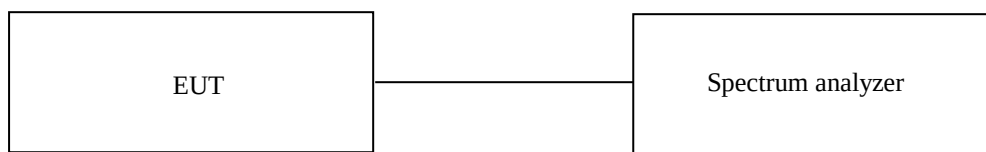
8. 6 dB BANDWIDTH

8.1 Operating environment

Temperature : 24 °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 Date

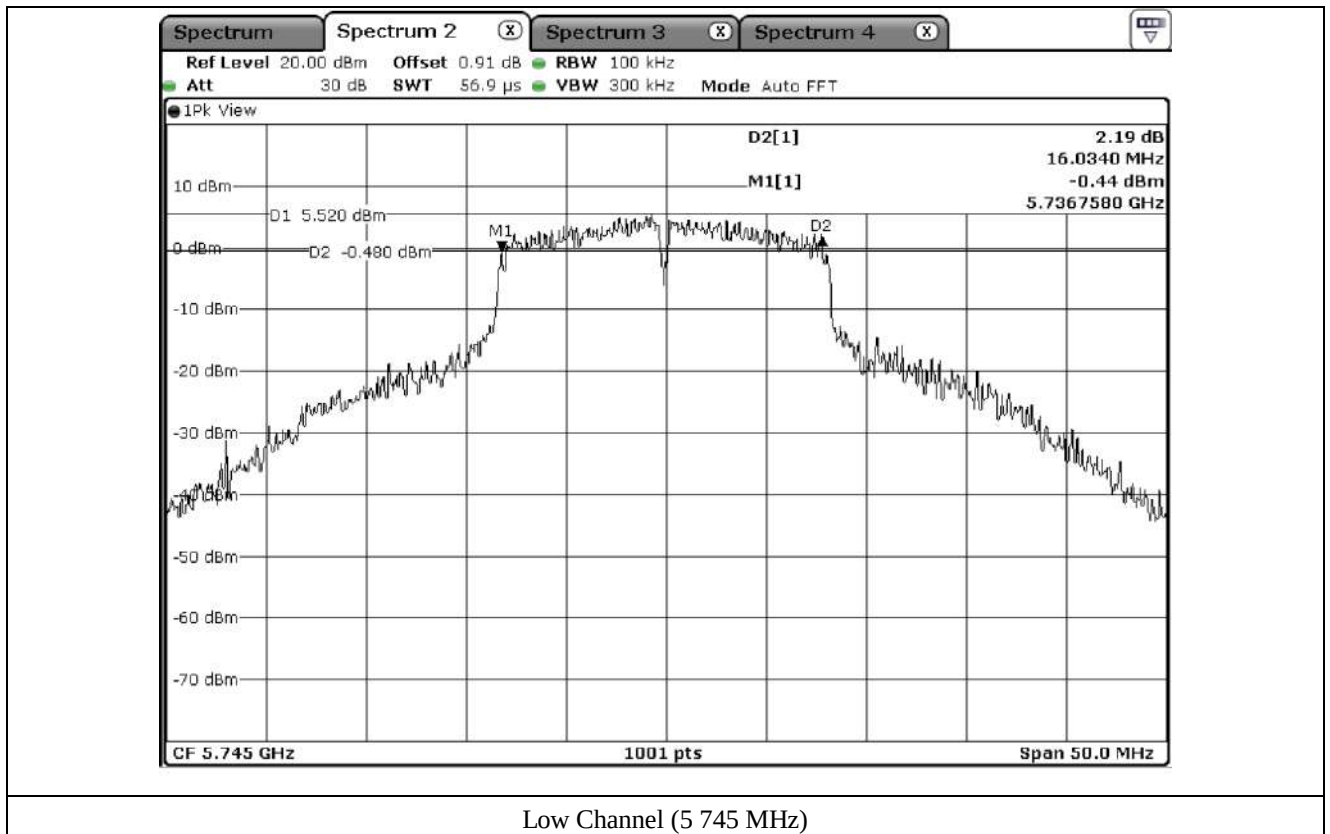
March 29, 2021 ~ April 13, 2021

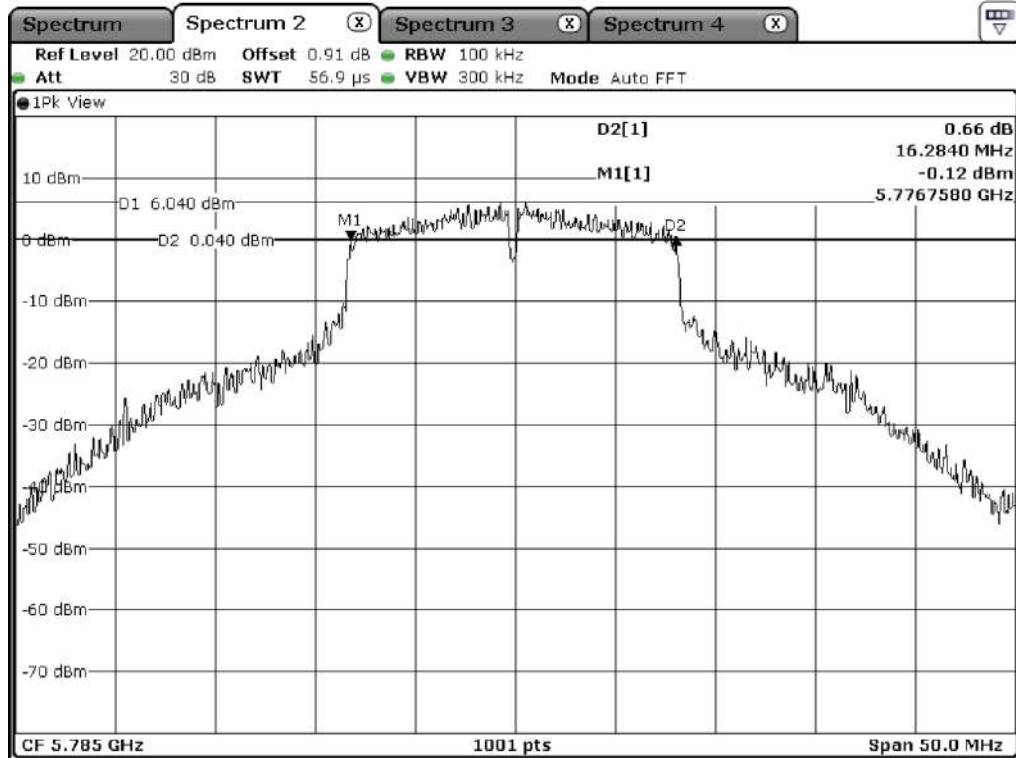
8.4 Test data for 802.11a RLAN Mode

8.4.1 Test data for Antenna 0

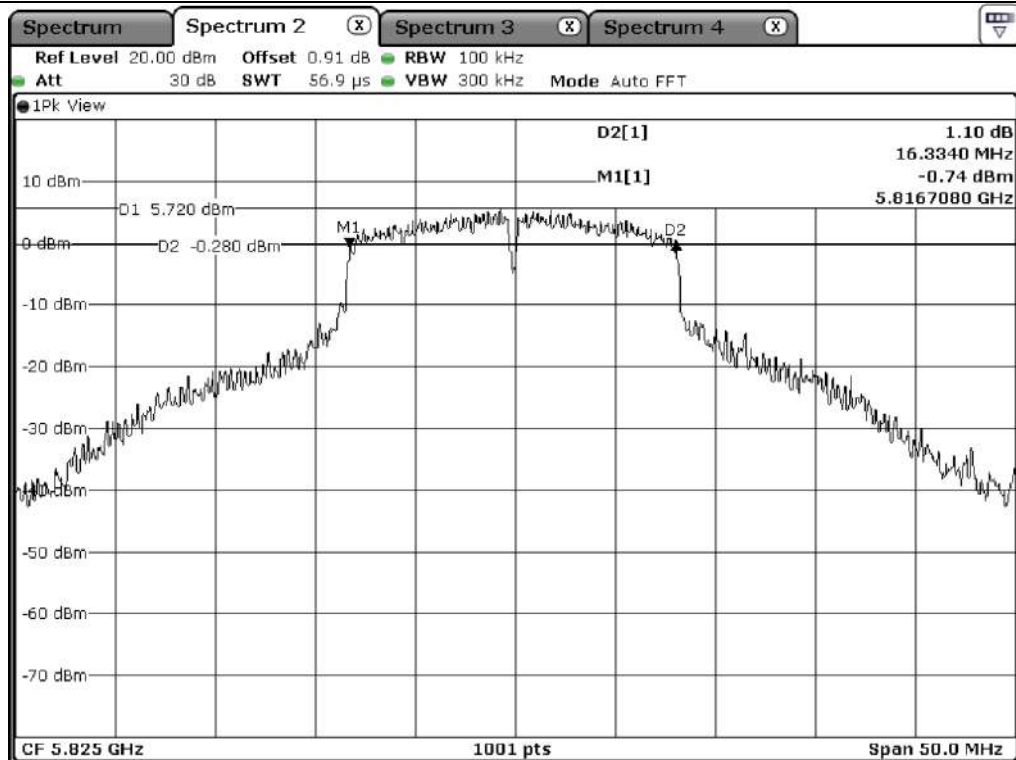
-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 745.00	16.03
	Middle	5 785.00	16.28
	High	5 825.00	16.33





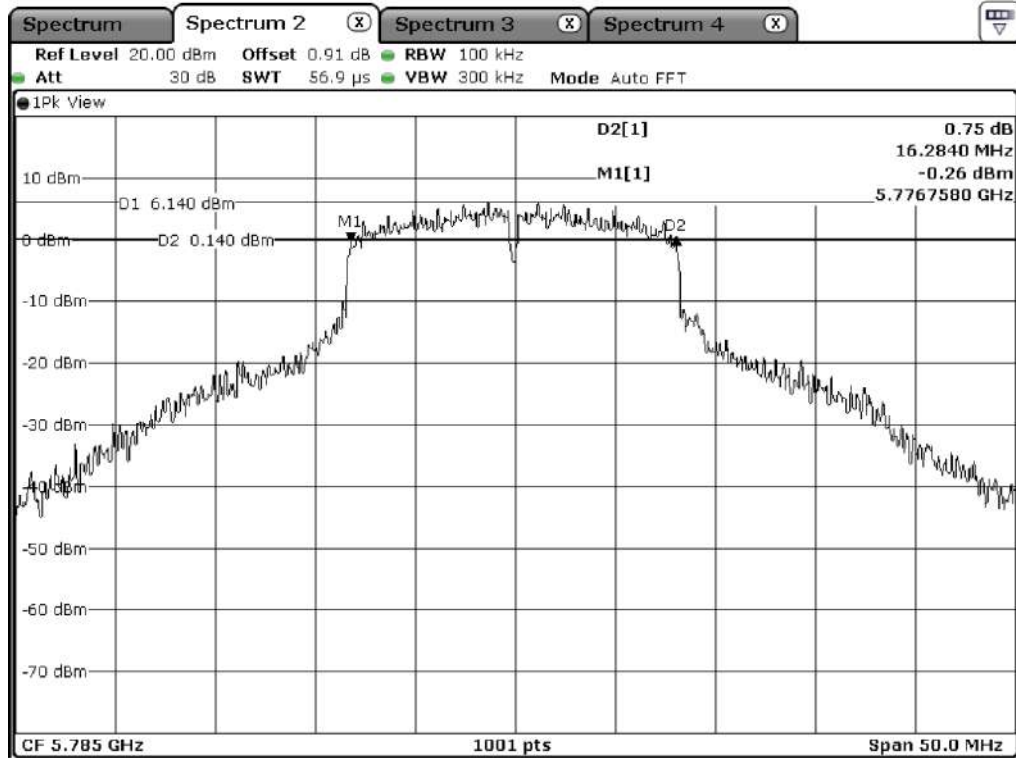
Middle Channel (5 785 MHz)



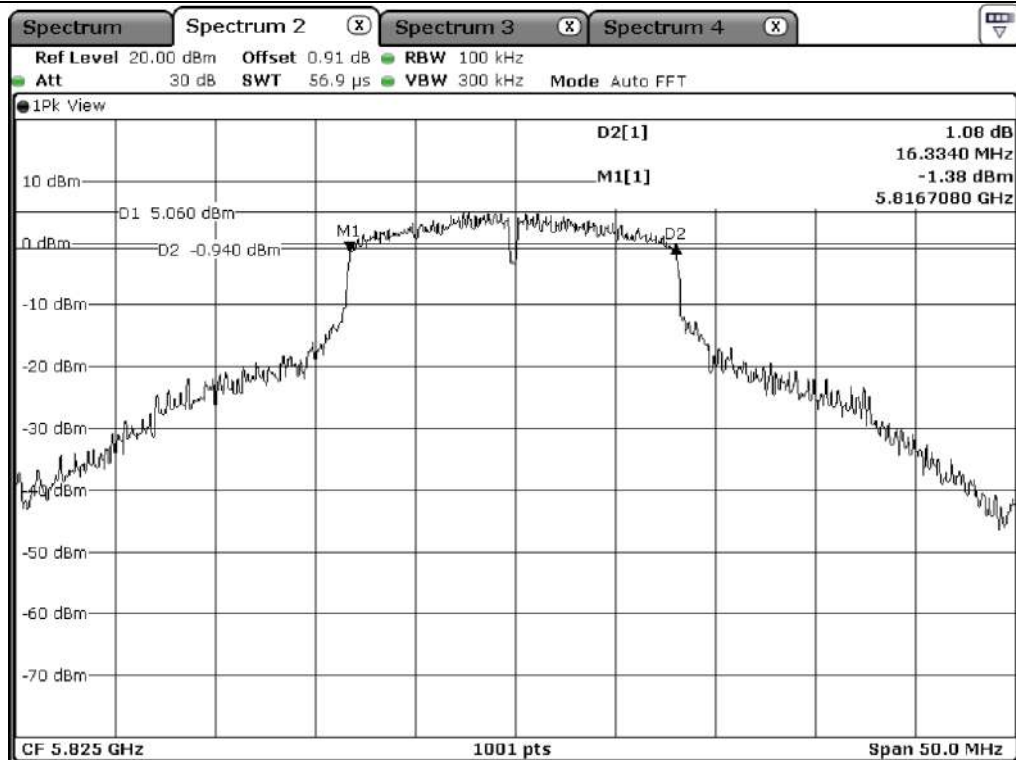
High Channel (5 825 MHz)

-. Test Result : Pass

Low Channel (5 745 MHz)



Middle Channel (5 785 MHz)

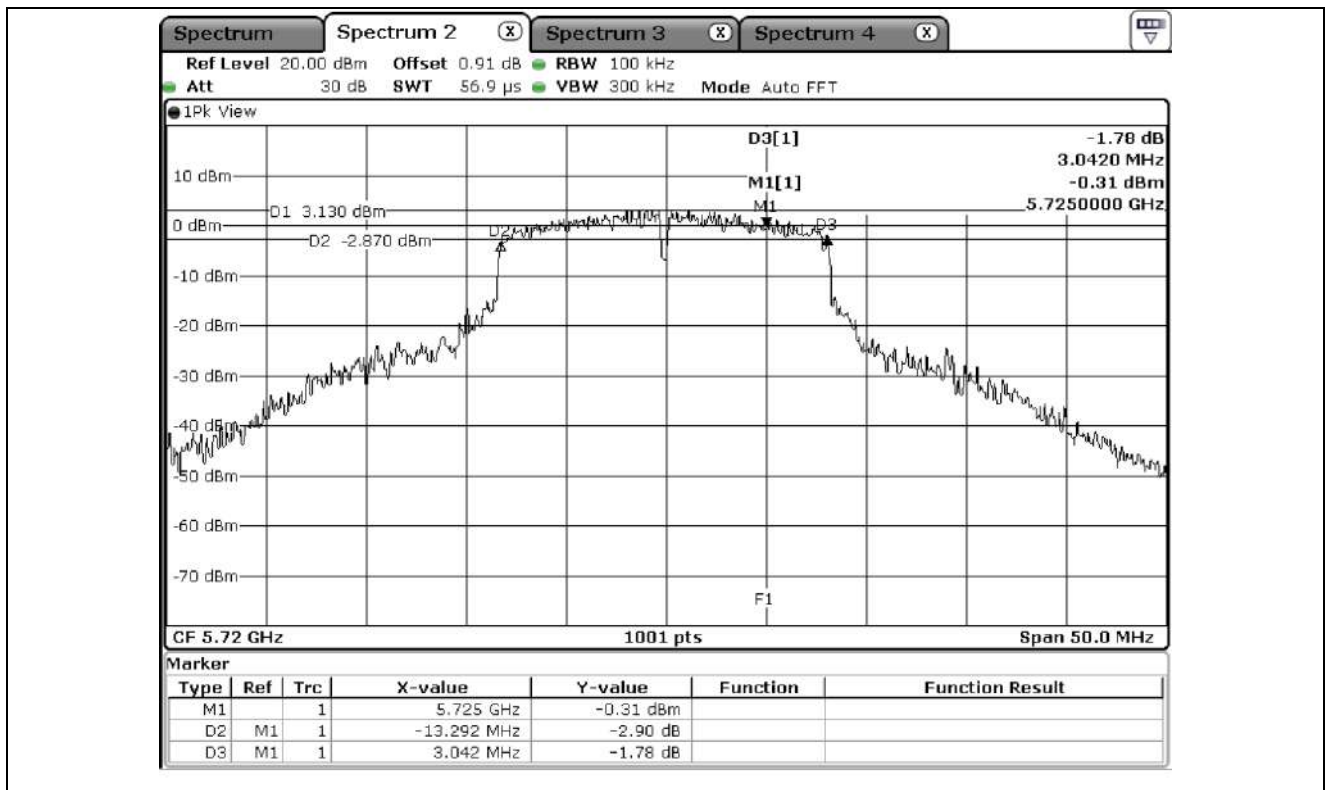


High Channel (5 825 MHz)

8.4.3 Test data for Staddle Channel_Antenna 0

-. Test Result : Pass

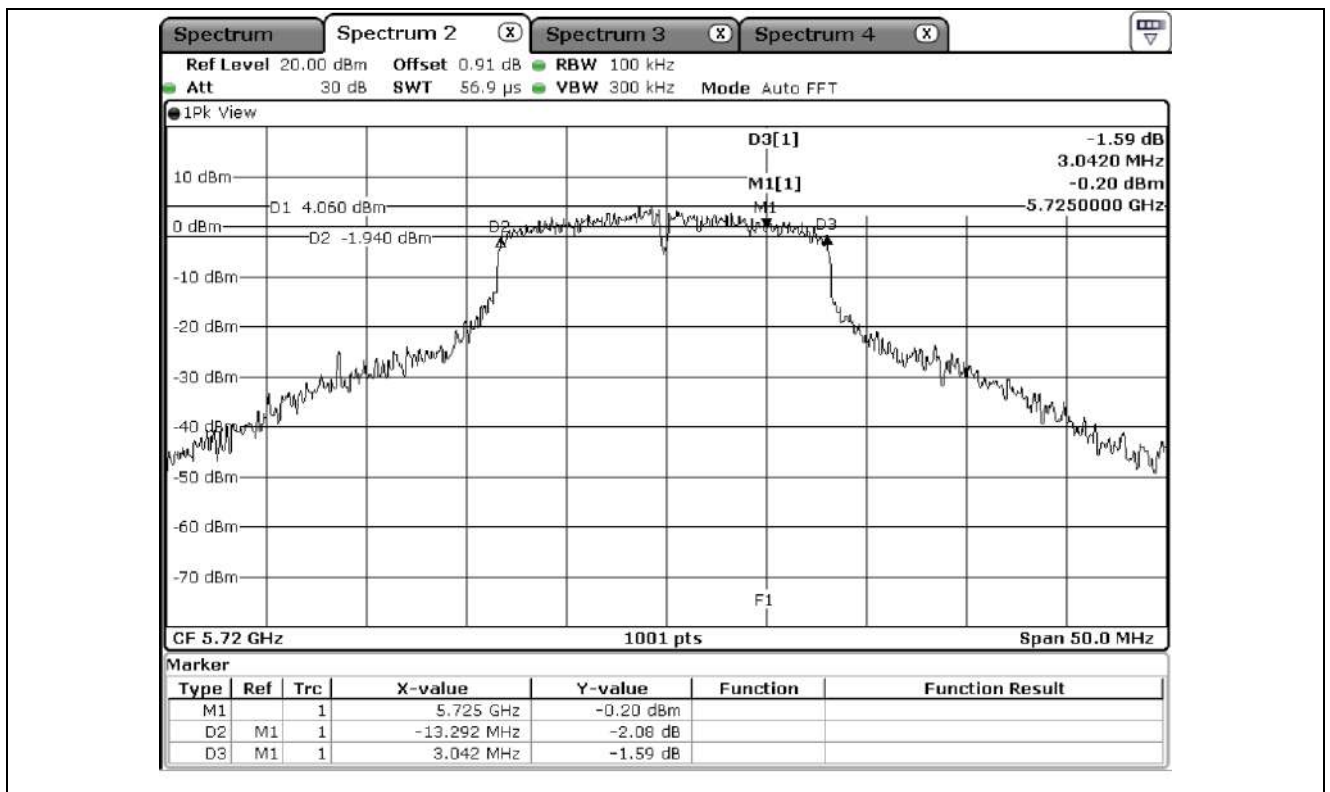
FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 470 ~ 5 725	5 720.00	13.29
5 725 ~ 5 850	5 720.00	3.04



8.4.4 Test data for Staddle Channel_Antenna 1

-. Test Result : Pass

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 470 ~ 5 725	5 720.00	13.29
5 725 ~ 5 850	5 720.00	3.04

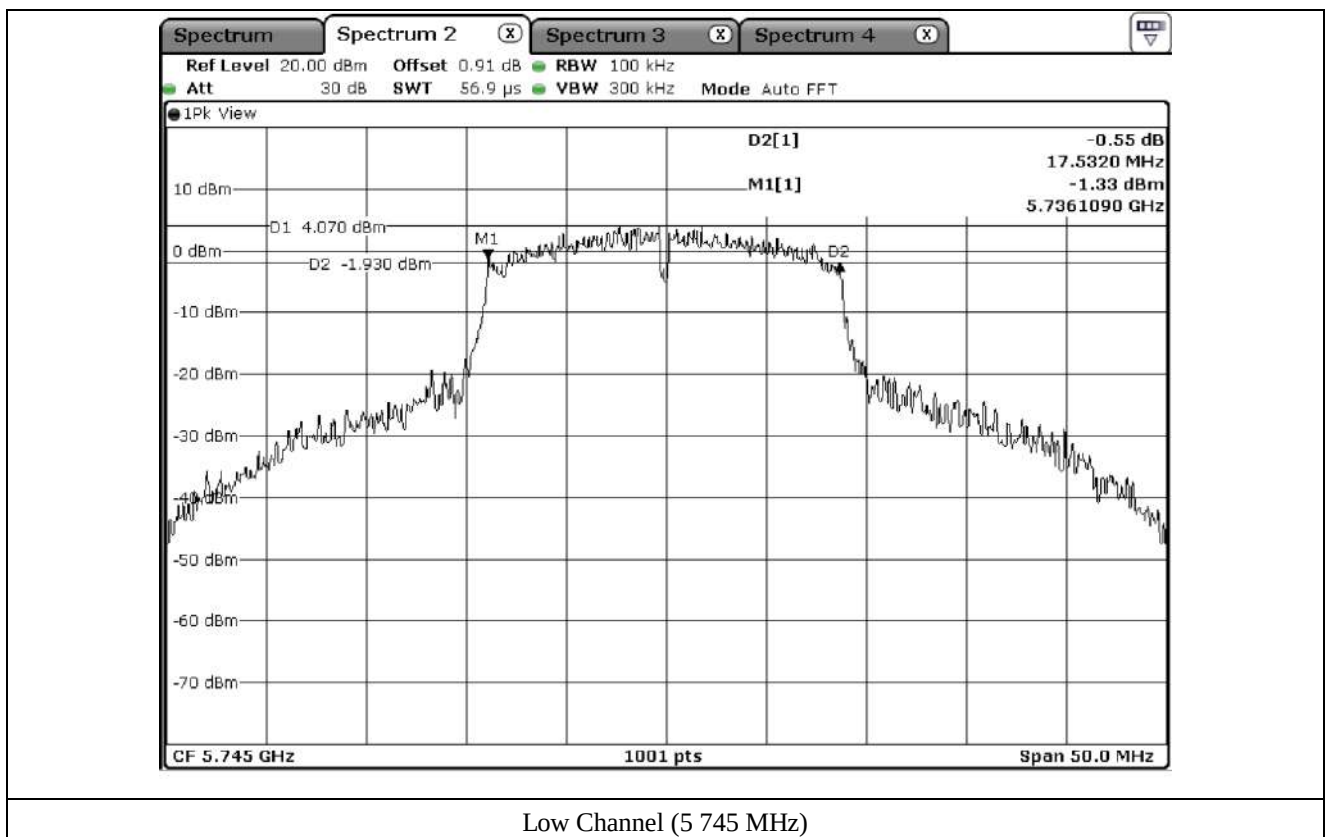


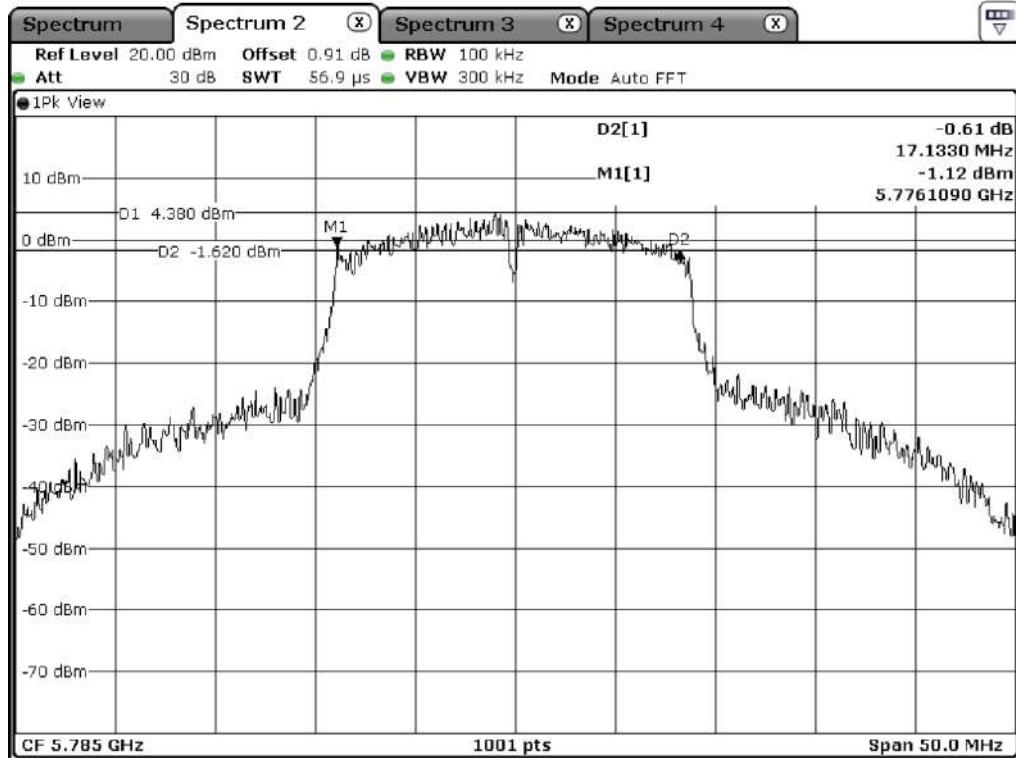
8.5 Test data for 802.11n_HT20 RLAN Mode

8.5.1 Test data for Antenna 0

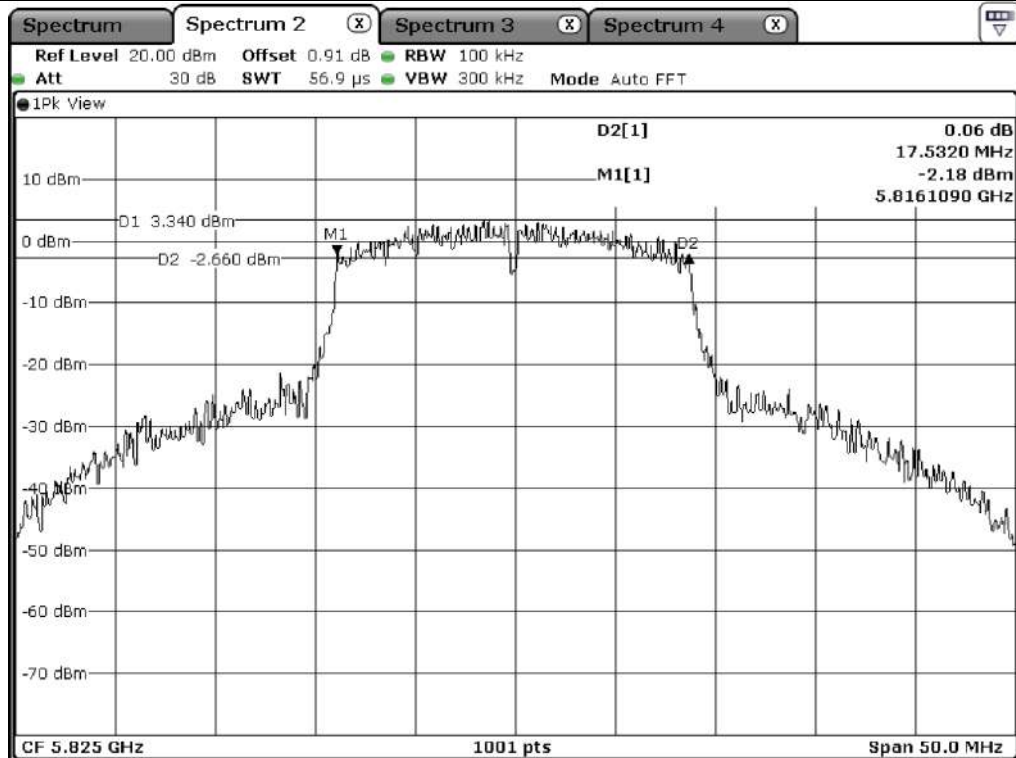
-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 745.00	17.53
	Middle	5 785.00	17.13
	High	5 825.00	17.53





Middle Channel (5 785 MHz)

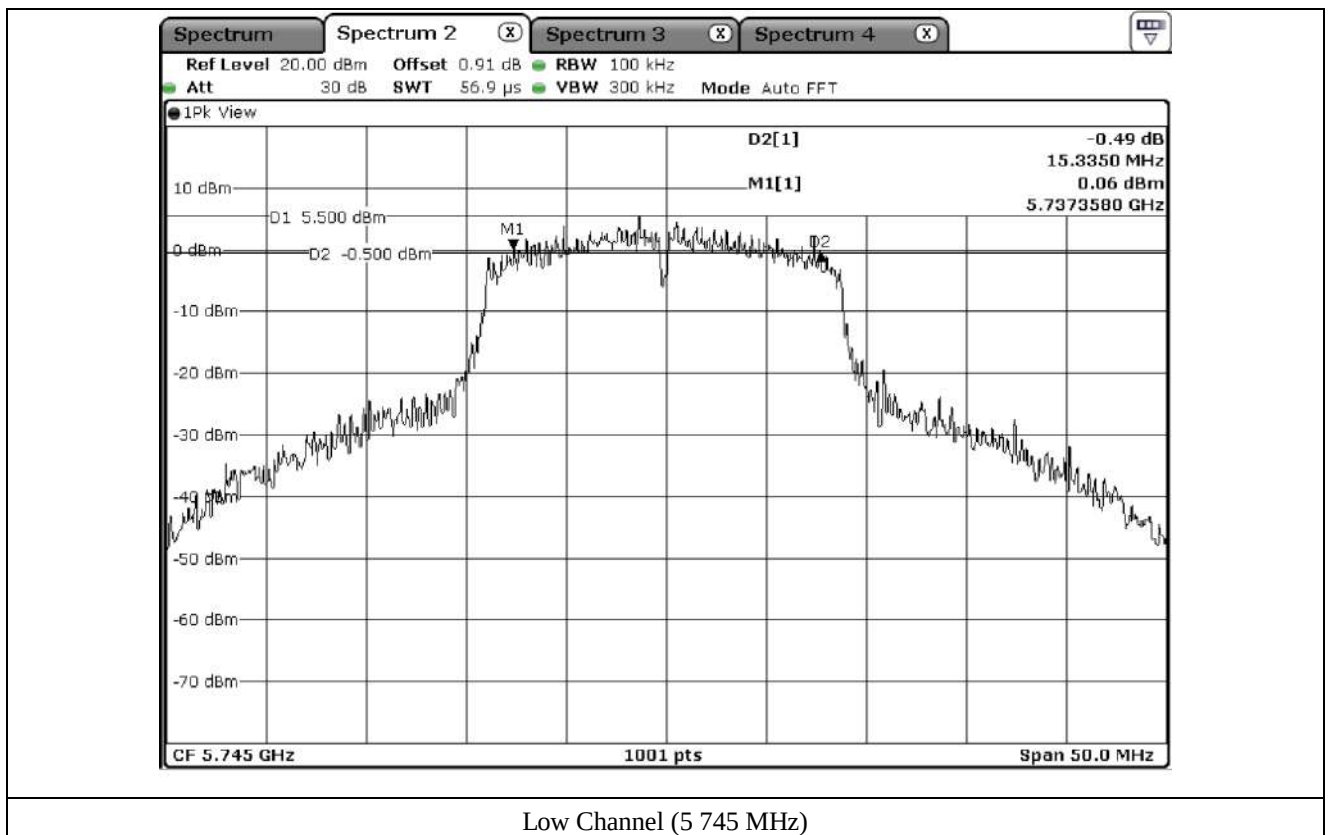


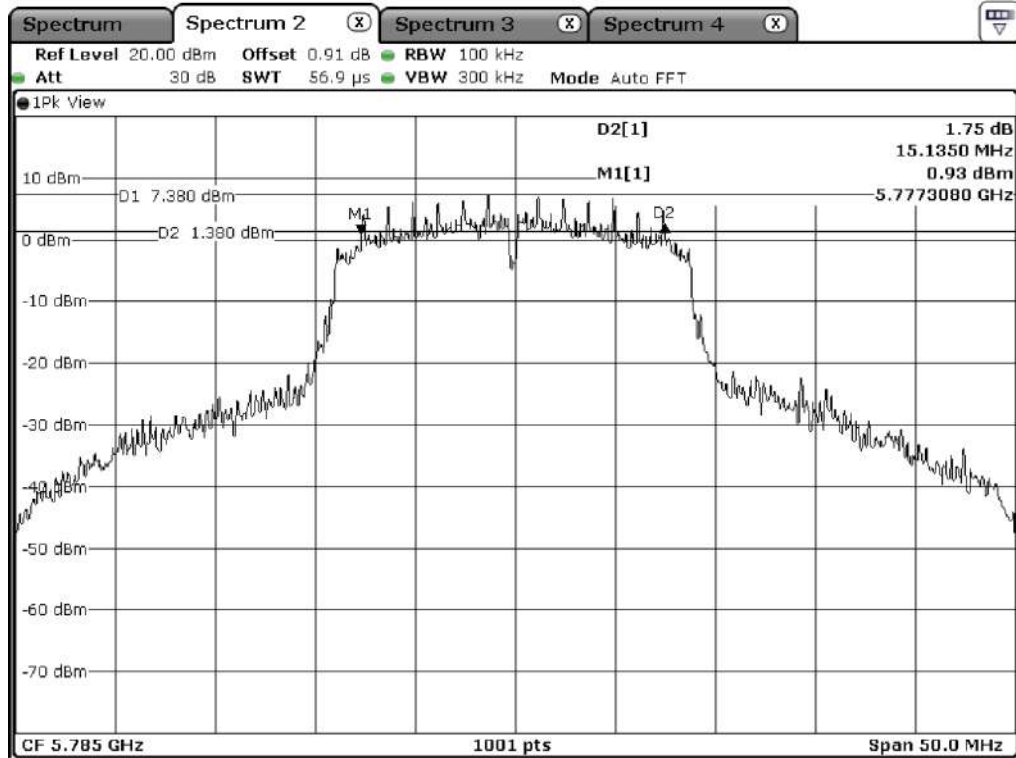
High Channel (5 825 MHz)

8.5.2 Test data for Antenna 1

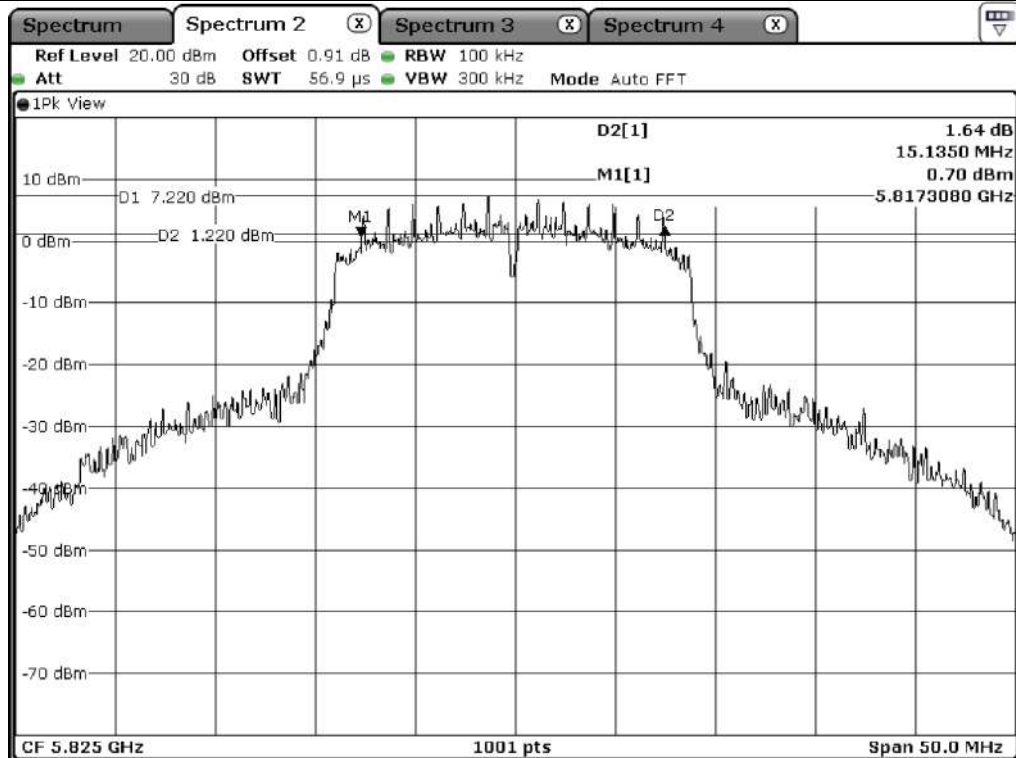
-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 745.00	15.33
	Middle	5 785.00	15.14
	High	5 825.00	15.14





Middle Channel (5 785 MHz)

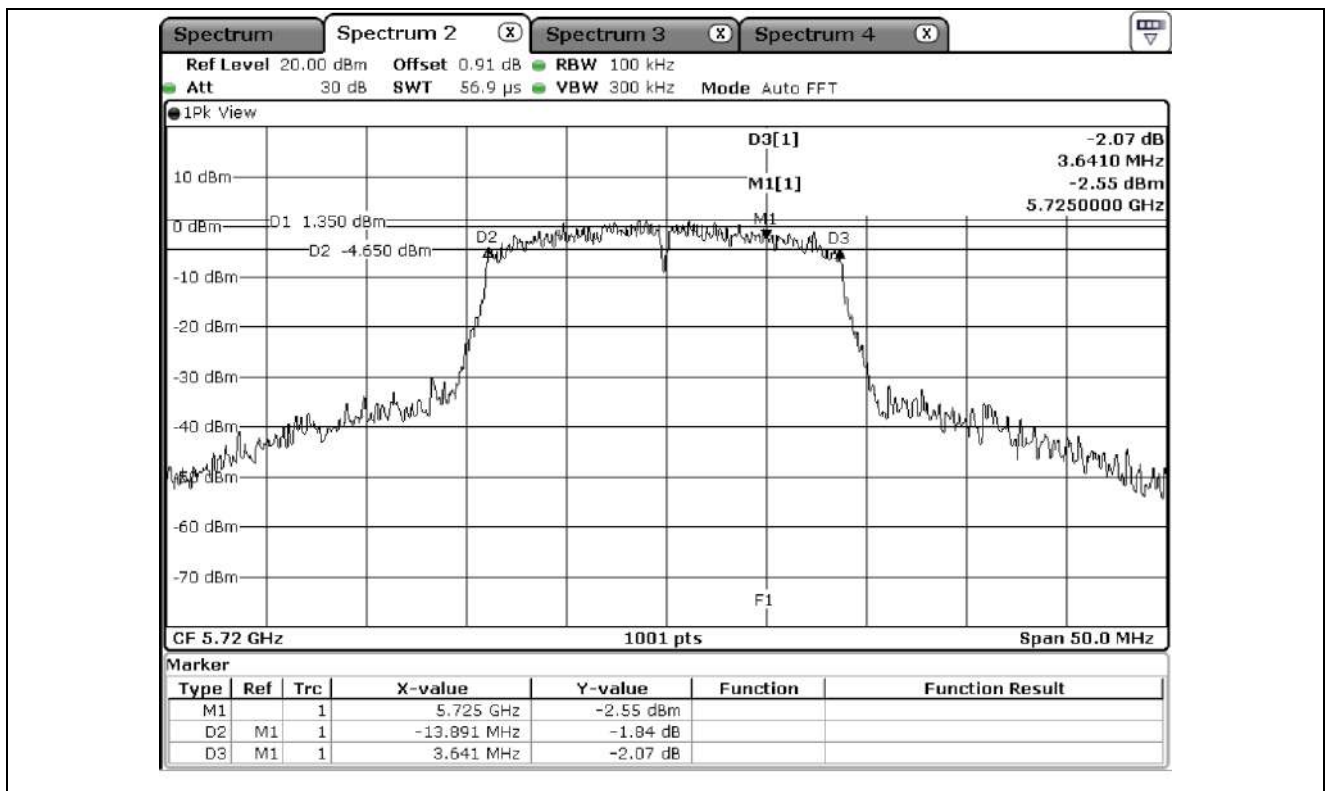


High Channel (5 825 MHz)

8.5.3 Test data for Staddle Channel_Antenna 0

-. Test Result : Pass

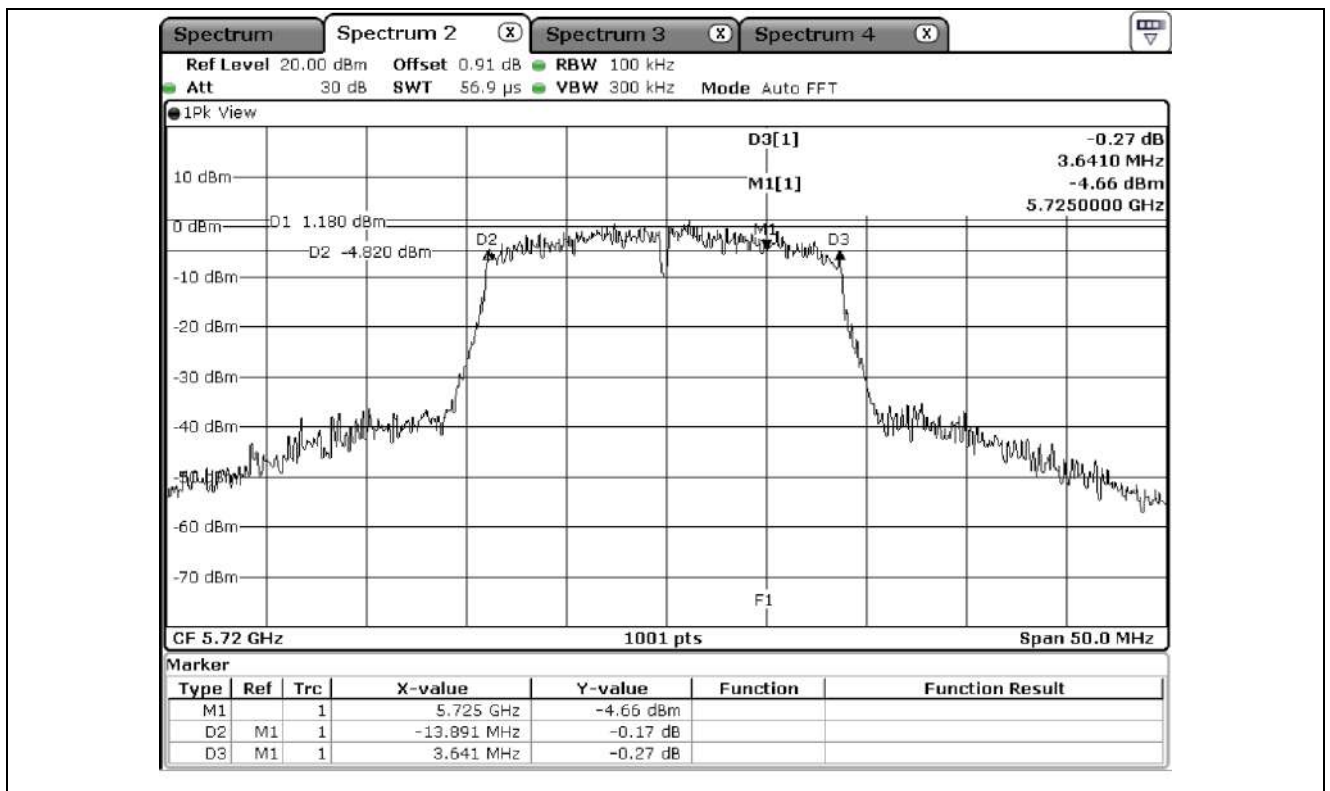
FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 470 ~ 5 725	5 720.00	13.89
5 725 ~ 5 850	5 720.00	3.64



8.5.4 Test data for Staddle Channel_Antenna 1

-. Test Result : Pass

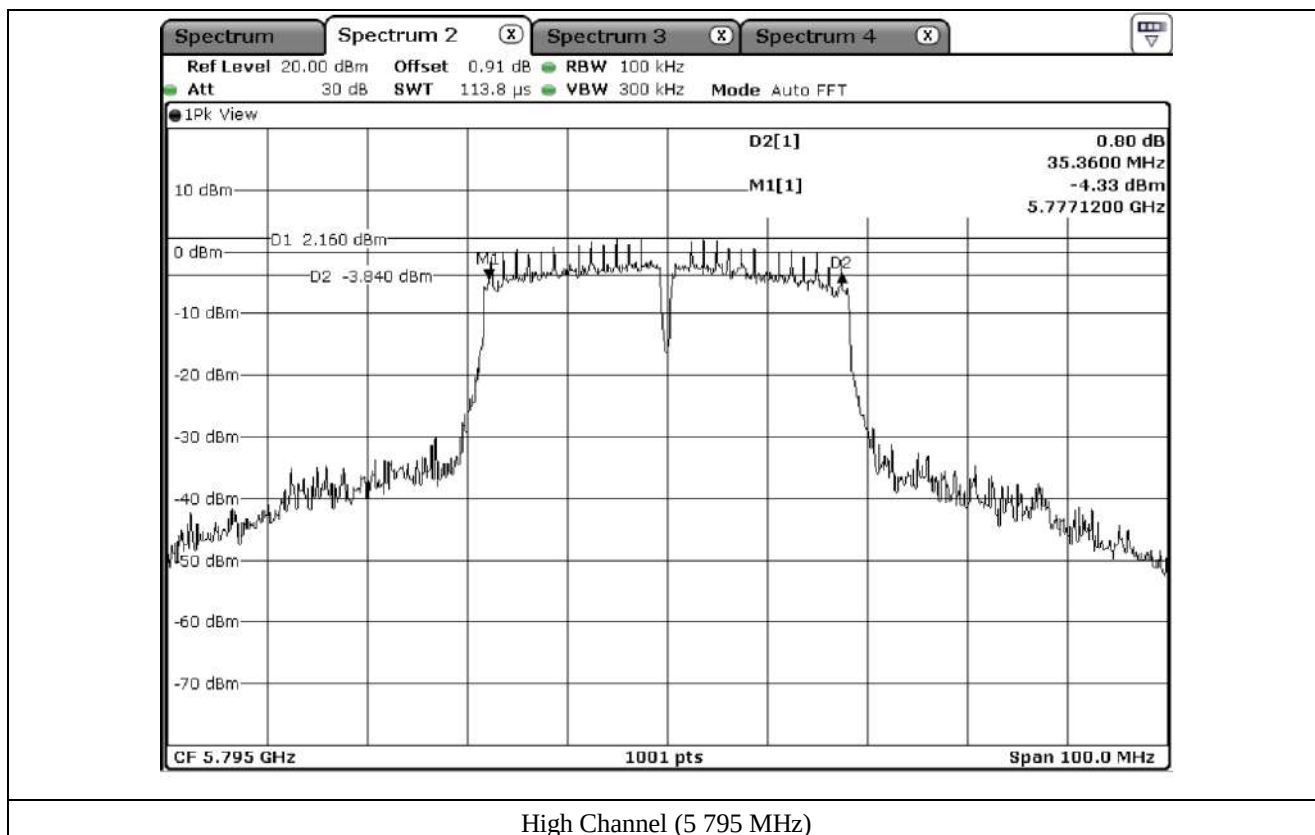
FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 470 ~ 5 725	5 720.00	13.89
5 725 ~ 5 850	5 720.00	3.64



-. Test Result : Pass

The screenshot shows a spectrum analyzer interface with the following details:

- Tabs:** Spectrum 1 (selected), Spectrum 2, Spectrum 3, Spectrum 4.
- Parameters:**
 - Ref Level: 20.00 dBm
 - Att: 30 dB
 - Offset: 0.91 dB
 - SWT: 113.8 μ s
 - RBW: 100 kHz
 - VBW: 300 kHz
 - Mode: Auto FFT
- View:** 1Pk View
- Plot:**
 - Y-axis: Power in dBm, ranging from -70 to 10.
 - X-axis: Frequency in GHz, ranging from 5.755 to 5.855.
 - Signal: A signal with a peak at 35.1600 MHz and a noise floor around -2.61 dBm.
 - Annotations: D1 (1.910 dBm), D2 (-4.090 dBm), M1, D2[1] (0.28 dB), M1[1] (-2.61 dBm).
- Status Bar:** CF 5.755 GHz, 1001 pts, Span 100.0 MHz.
- Bottom Label:** Low Channel (5 755 MHz)

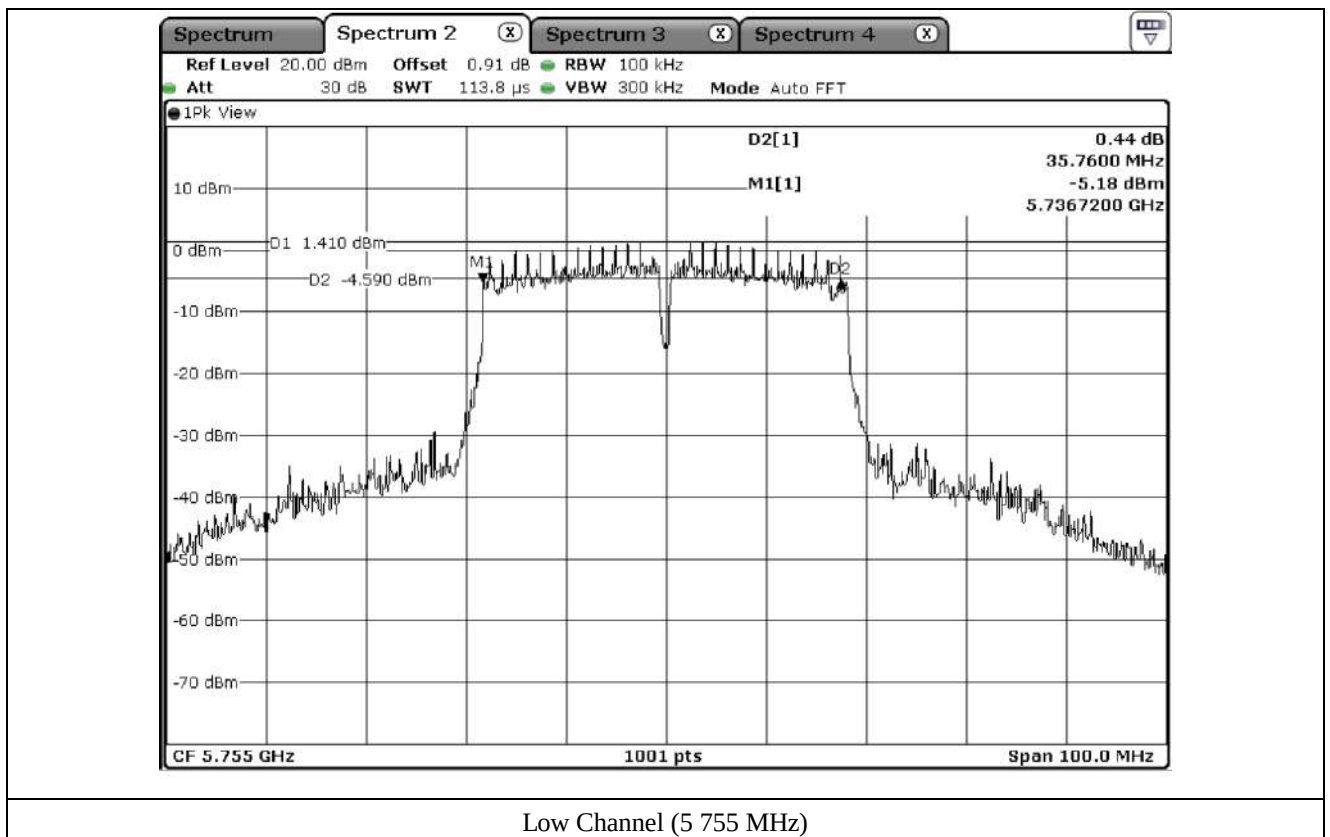


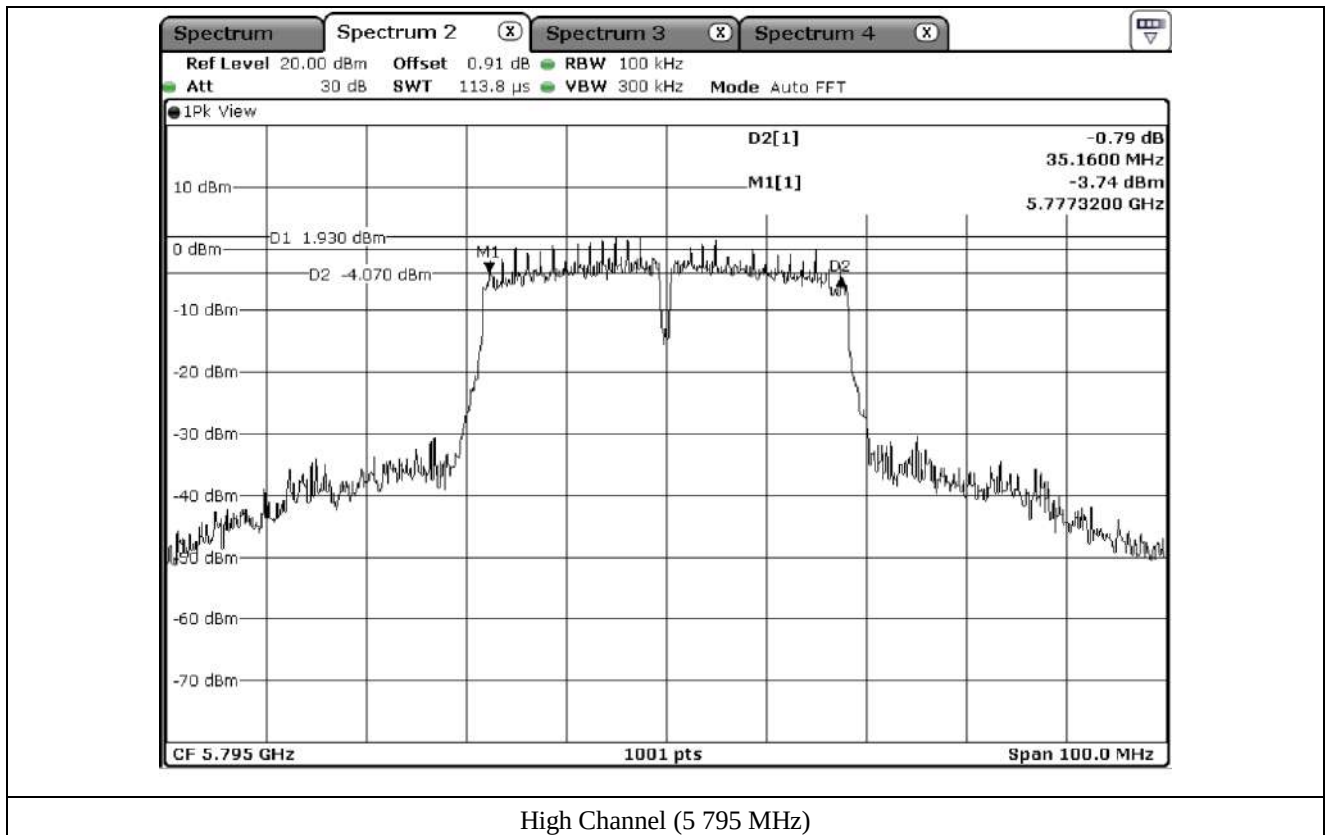
8.6.2 Test data for Antenna 1

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Low	5 755.00	35.76
	High	5 795.00	35.16

Remark: See next page for measurement data.

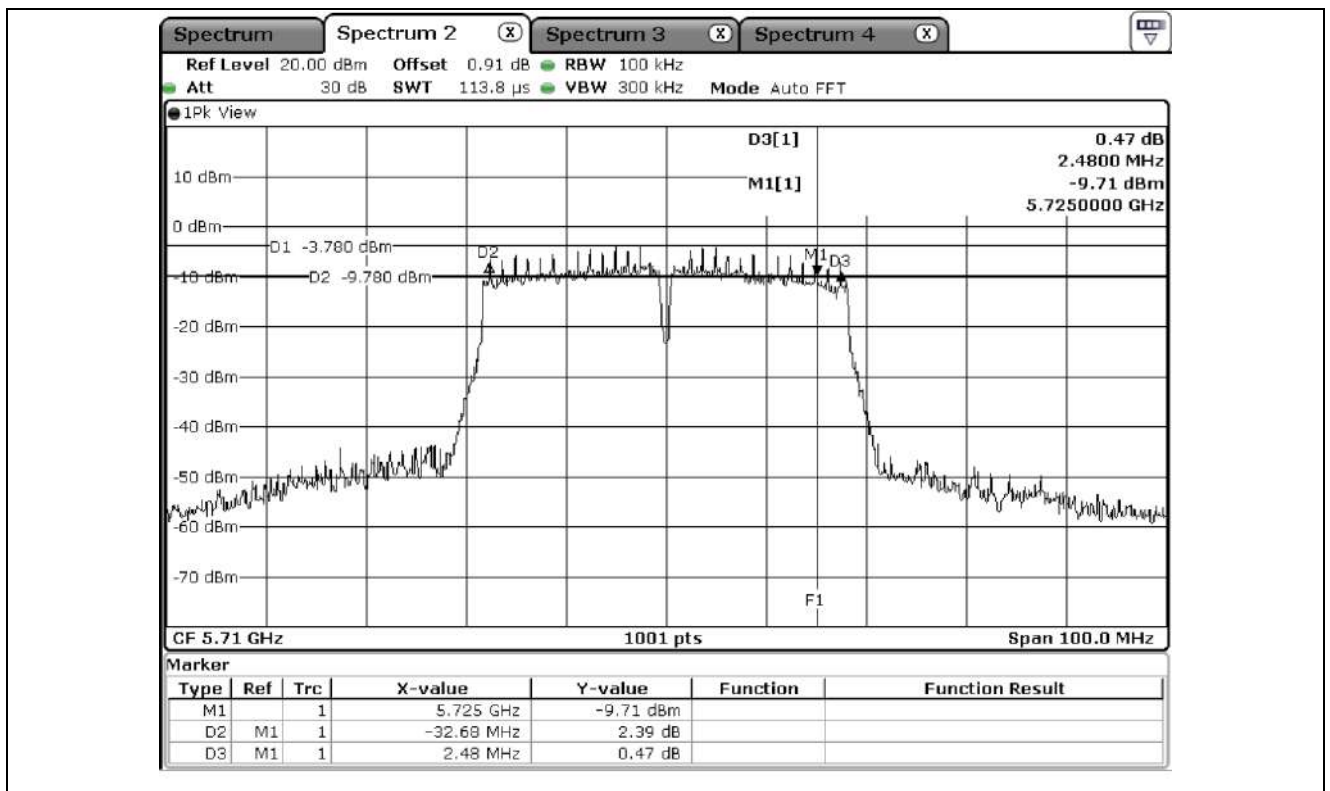




8.6.3 Test data for Staddle Channel_Antenna 0

-. Test Result : Pass

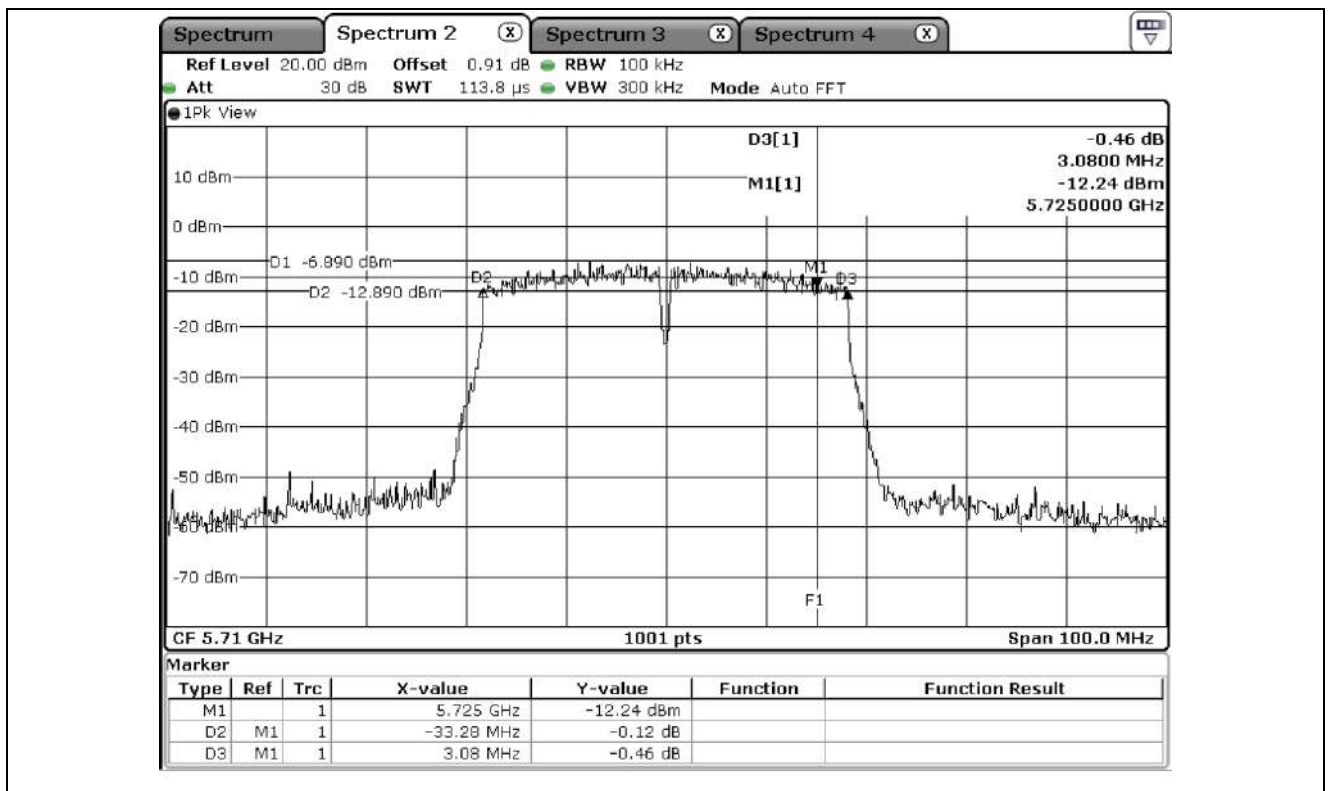
FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 470 ~ 5 725	5 710.00	32.68
5 725 ~ 5 850	5 710.00	2.48



8.6.4 Test data for Staddle Channel_Antenna 1

-. Test Result : Pass

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 470 ~ 5 725	5 710.00	33.28
5 725 ~ 5 850	5 710.00	3.08

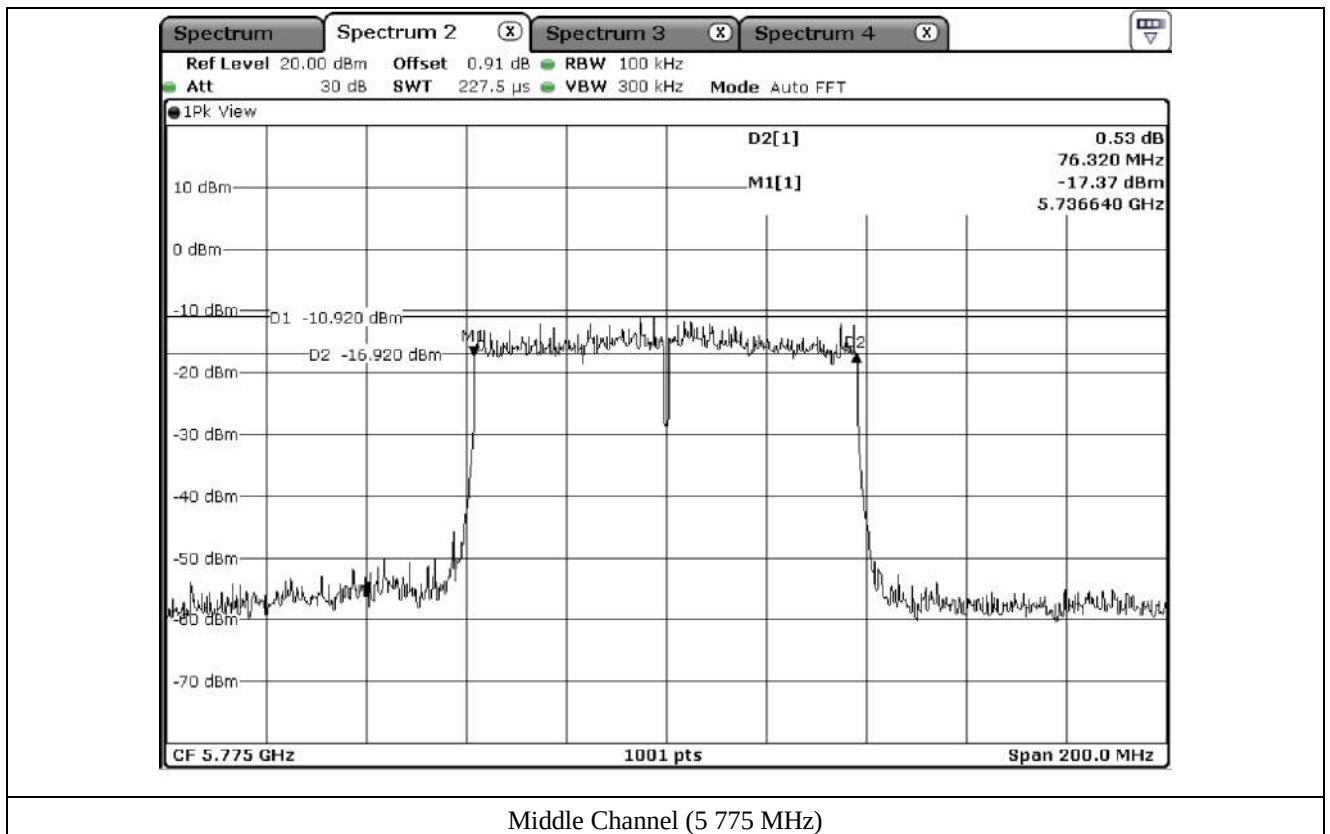


8.7.2 Test data for Antenna 1

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 725 ~ 5 850	Middle	5 775.00	76.32

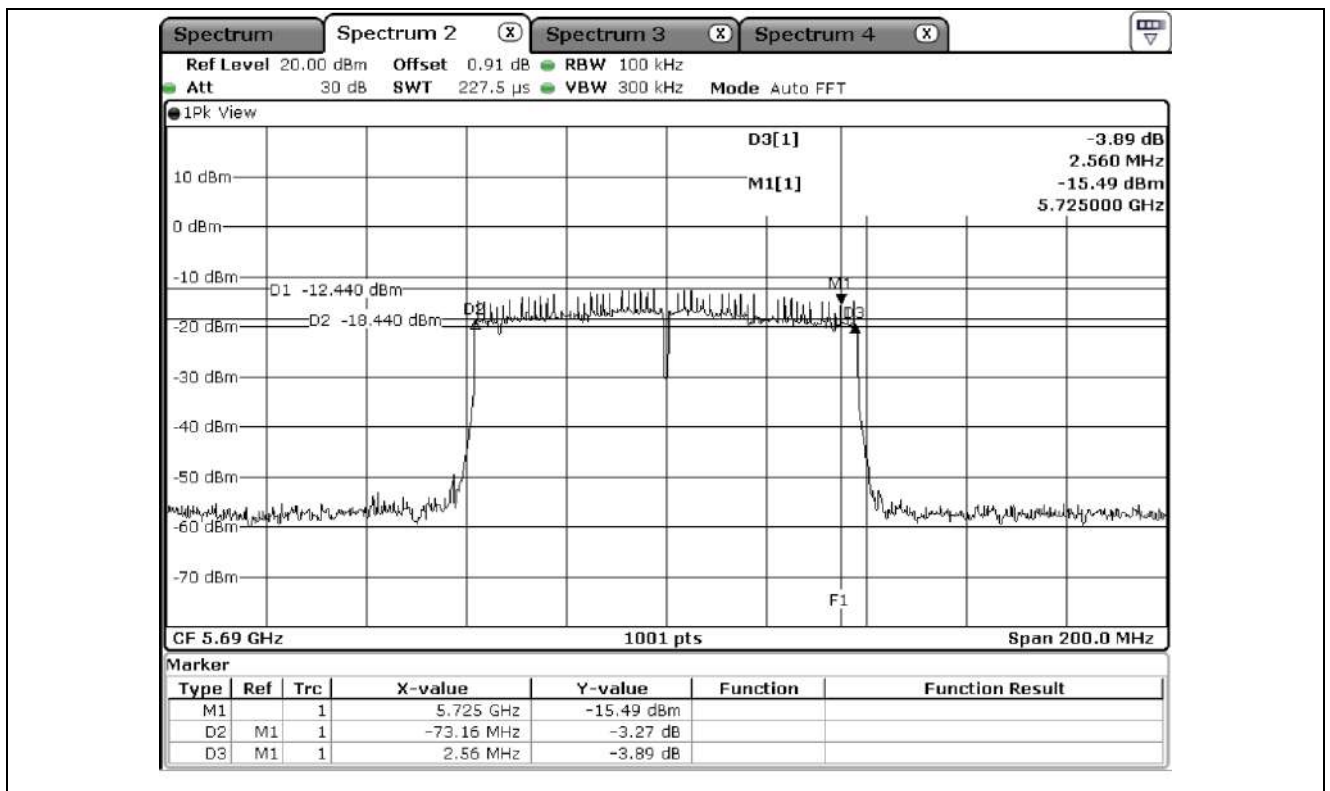
Remark: See next page for measurement data.



8.7.3 Test data for Staddle Channel_Antenna 0

-. Test Result : Pass

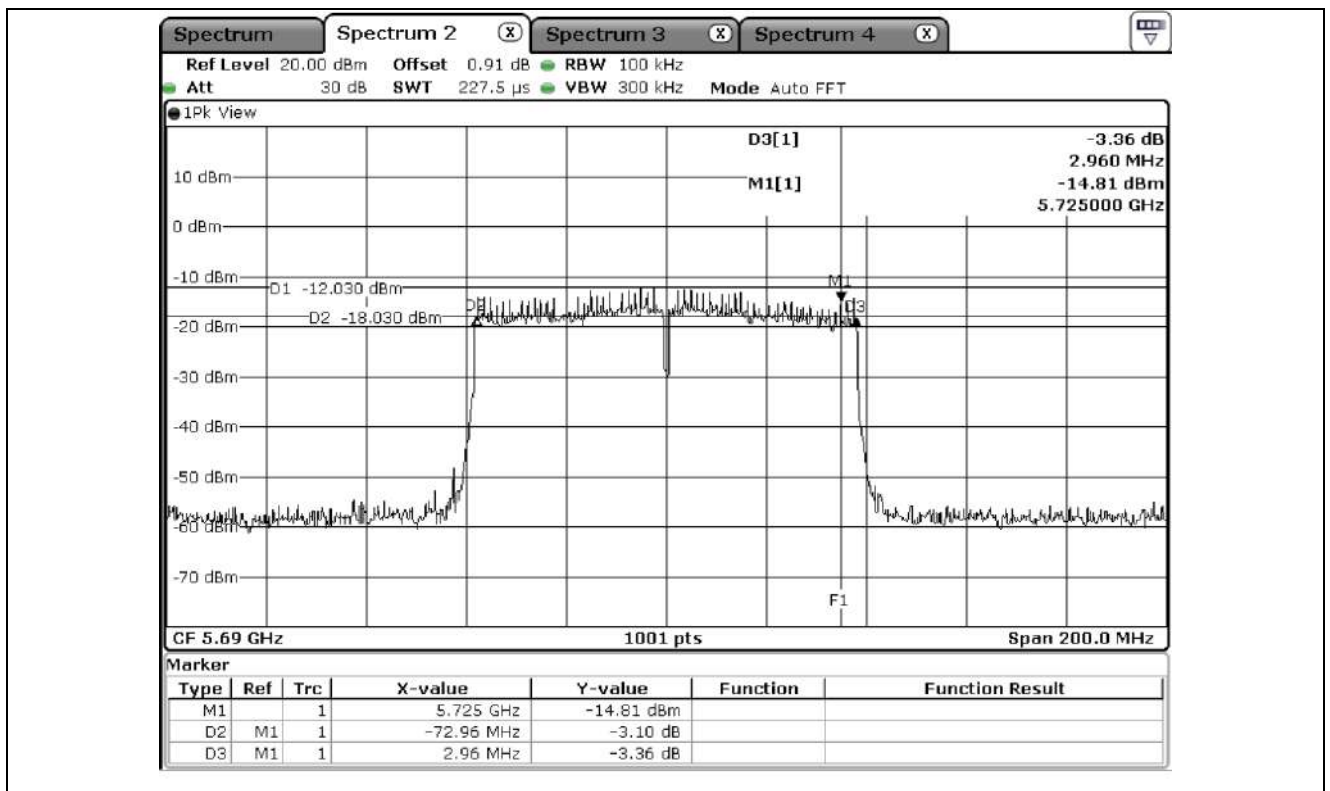
FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 470 ~ 5 725	5 690.00	73.16
5 725 ~ 5 850	5 690.00	2.56



8.7.4 Test data for Staddle Channel_Antenna 1

-. Test Result : Pass

FREQUENCY RANGE (MHz)	FREQUENCY (MHz)	6 dB Bandwidth (MHz)
5 470 ~ 5 725	5 690.00	72.96
5 725 ~ 5 850	5 690.00	2.96



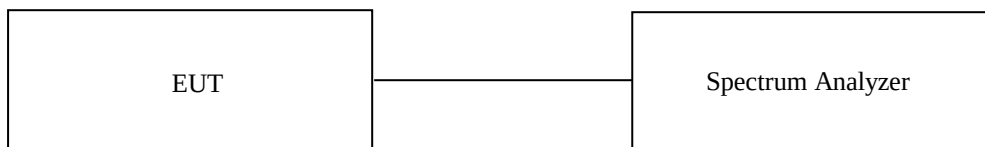
9. MAXIMUM PEAK OUTPUT POWER

9.1 Operating environment

Temperature : 24 °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

March 29, 2021 ~ April 13, 2021

9.4 Test data for 802.11a RLAN Mode

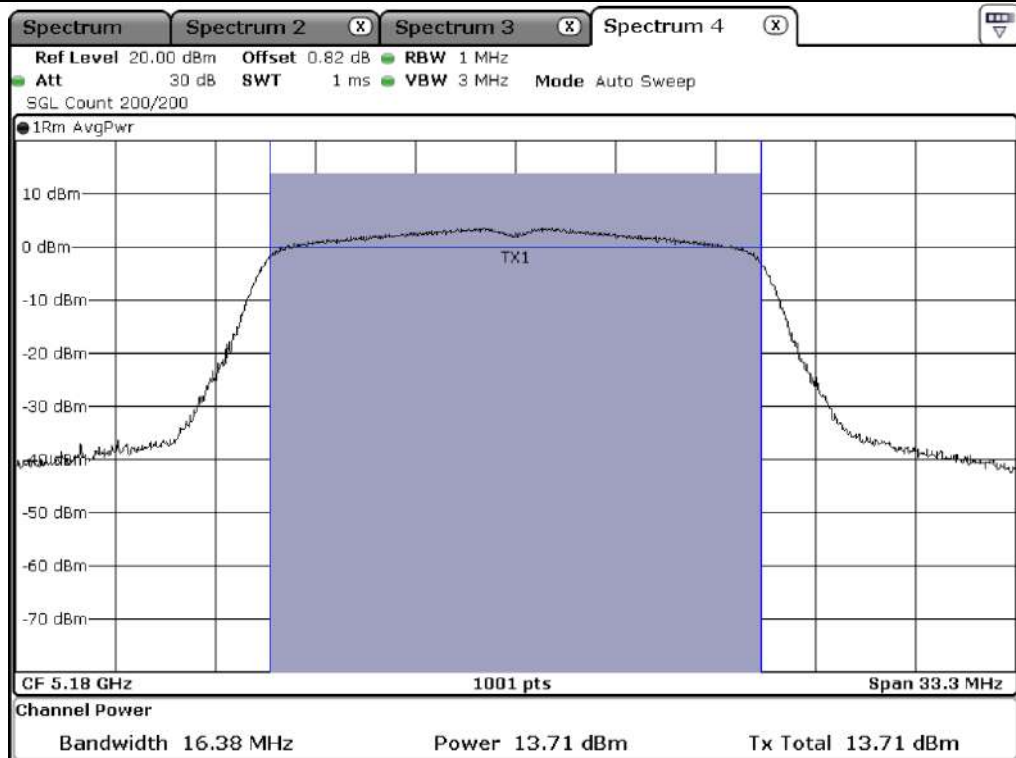
9.4.1 Test data for Antenna 0

-. Test Result : Pass

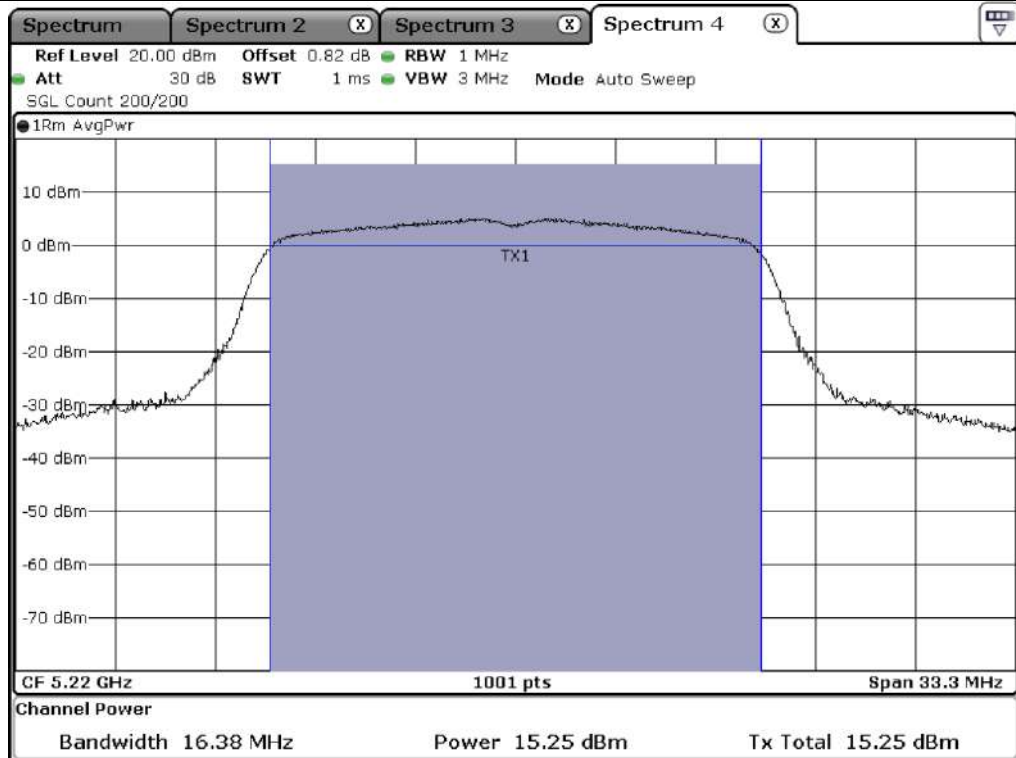
-. Duty Cycle : 90.73 % (UNII 1) / 91.33 % (UNII 2A) / 92.00 % (UNII 2C) / 92.00 % (UNII 3)

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	MEASURED VALUE (dBm)	Duty Factor (dB)	Total Value (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Low	5 180.00	13.71	0.42	14.13	24.00	9.87
	Middle	5 220.00	15.25	0.42	15.67	24.00	8.33
	High	5 240.00	12.53	0.42	12.95	24.00	11.05
5 250 ~ 5 350	Low	5 260.00	16.29	0.39	16.68	24.00	7.32
	Middle	5 300.00	15.47	0.39	15.86	24.00	8.14
	High	5 320.00	15.48	0.39	15.87	24.00	8.13
5 470 ~ 5 725	Low	5 500.00	17.52	0.36	17.88	24.00	6.12
	Middle	5 580.00	16.78	0.36	17.14	24.00	6.86
	High	5 700.00	16.97	0.36	17.33	24.00	6.67
5 725 ~ 5 850	Low	5 745.00	18.99	0.36	19.35	30.00	10.65
	Middle	5 785.00	19.01	0.36	19.37	30.00	10.63
	High	5 825.00	18.78	0.36	19.14	30.00	10.86

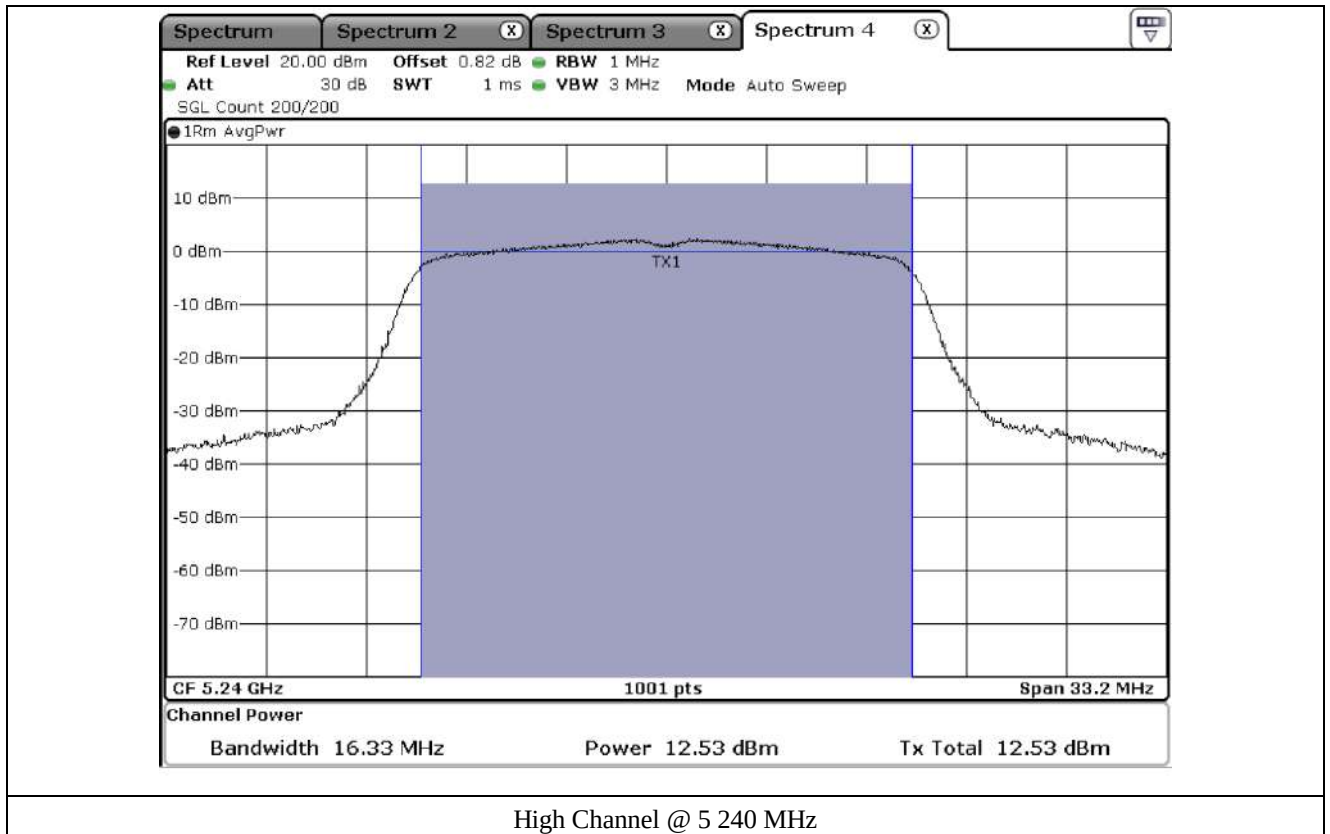
Remark : Margin = Limit –Total Value (=Measured Value +Duty Factor)

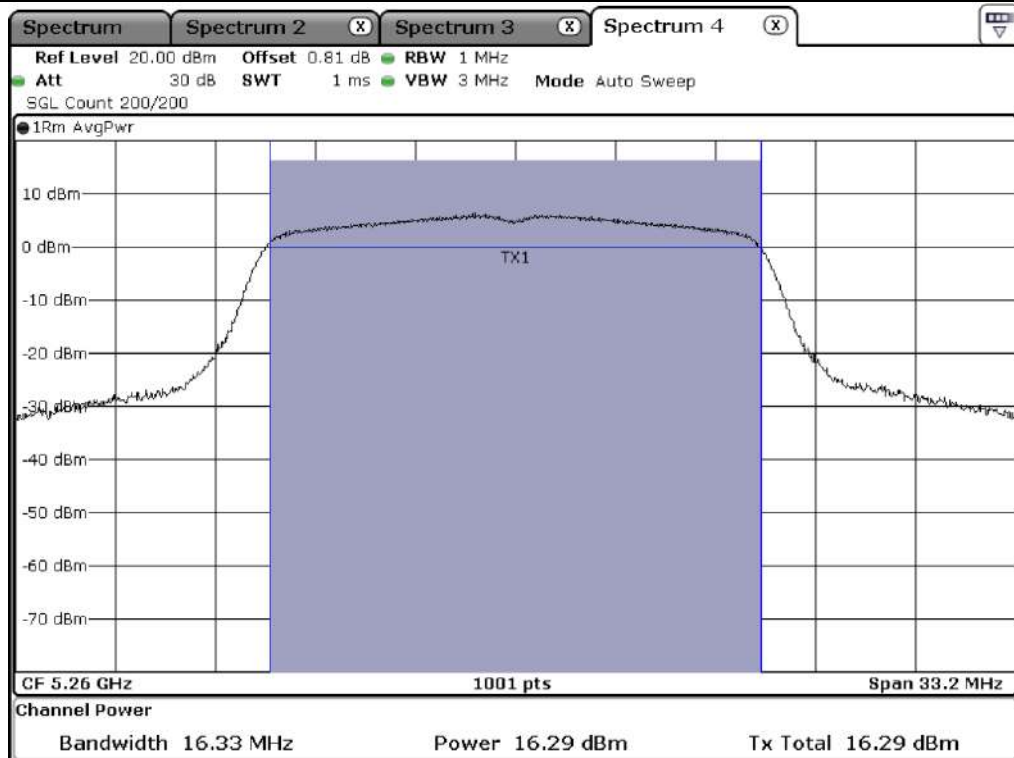


Low Channel @ 5 180 MHz

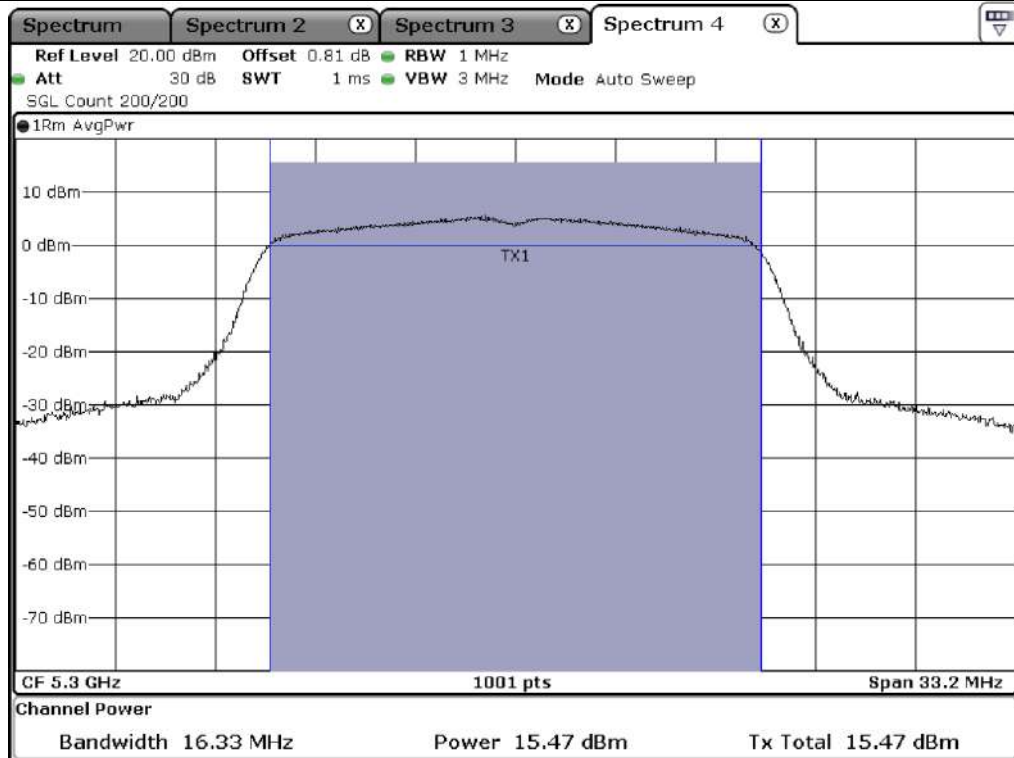


Middle Channel @ 5 220 MHz

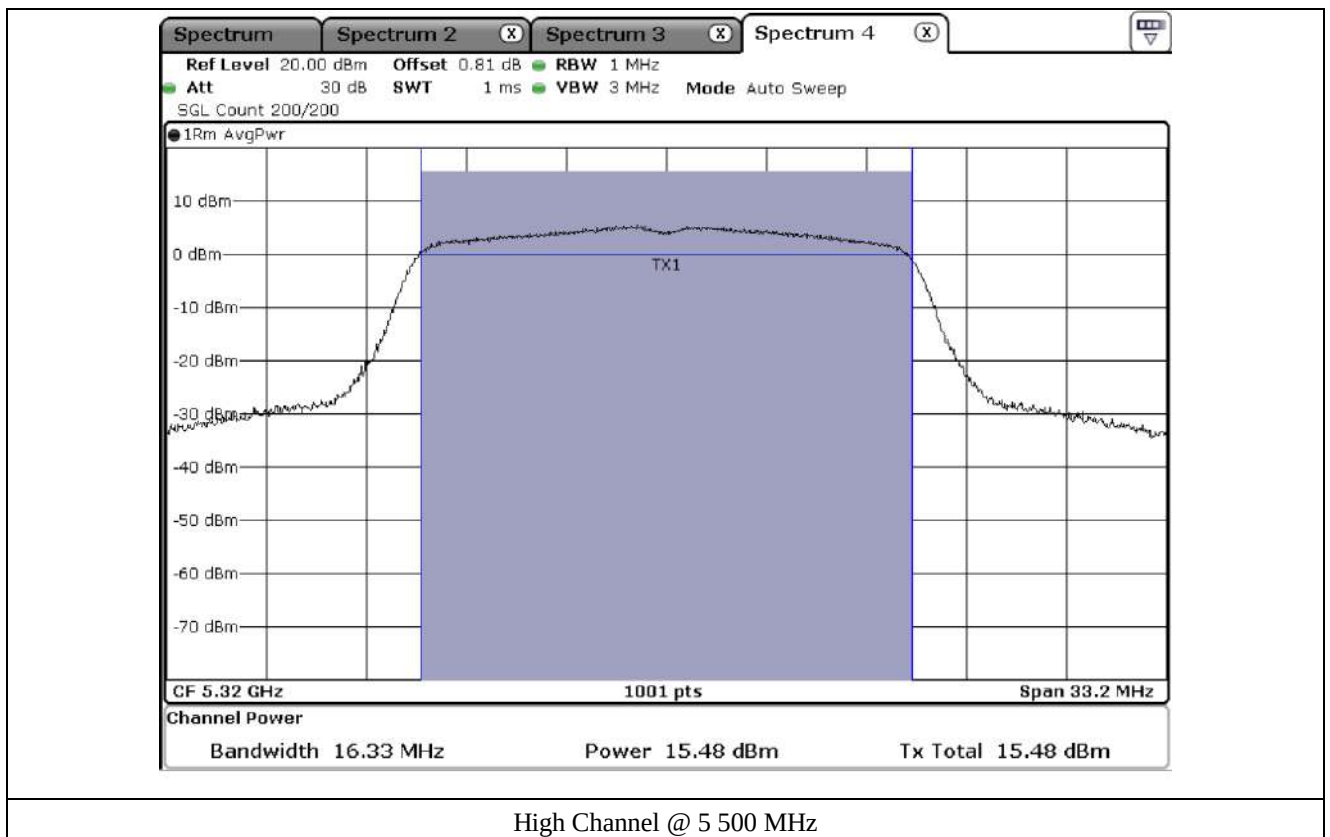


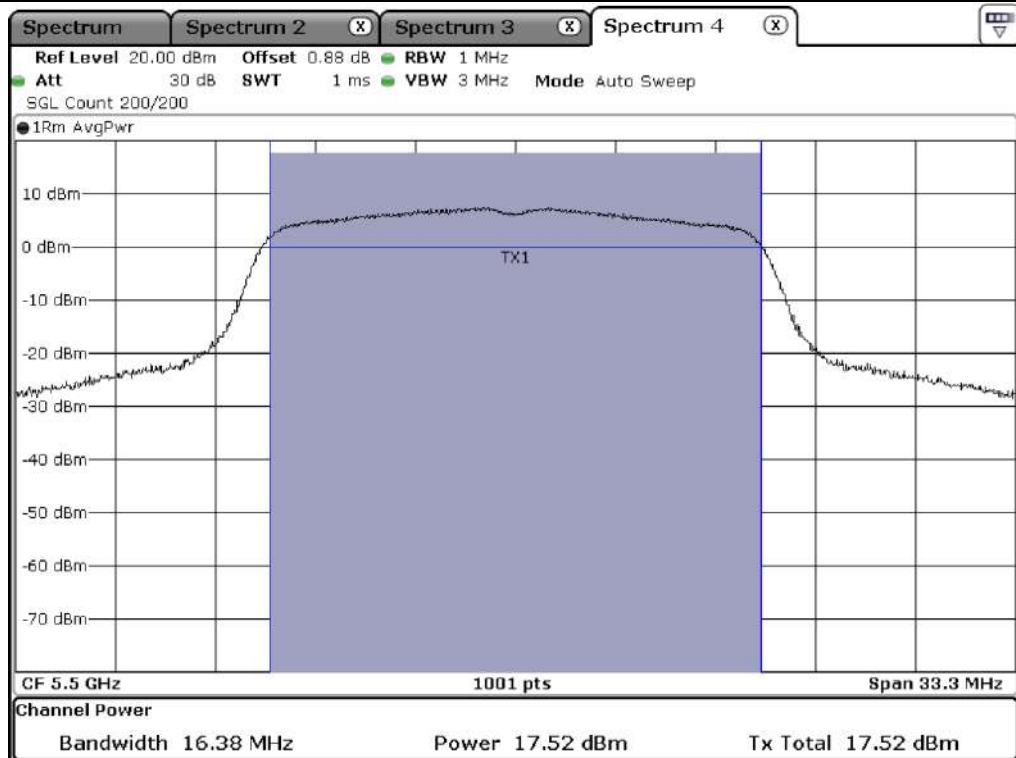


Low Channel @ 5 260 MHz

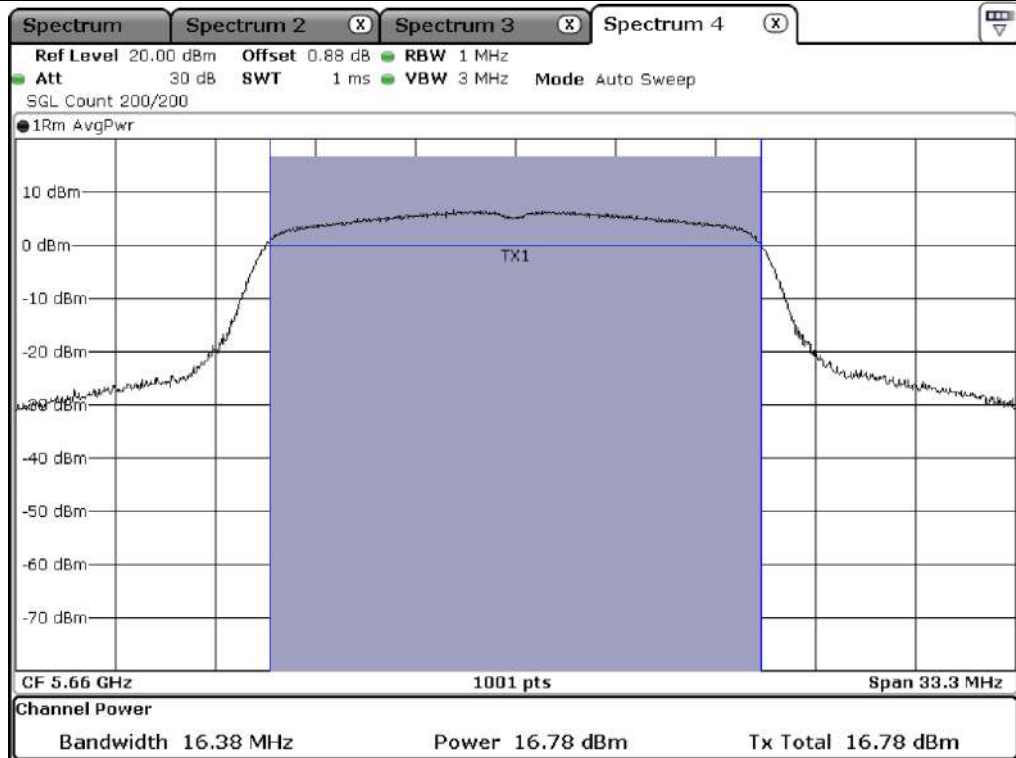


Middle Channel @ 5 300 MHz

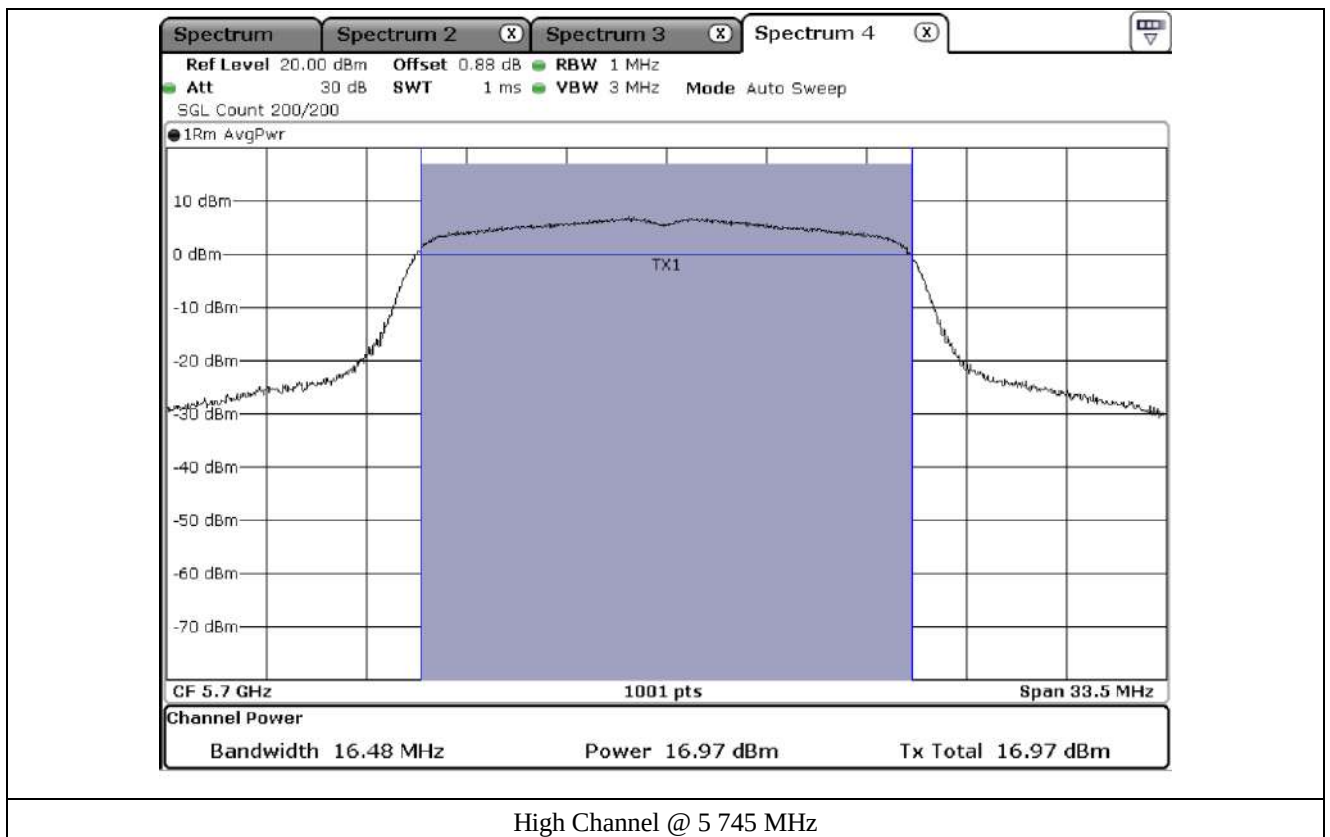


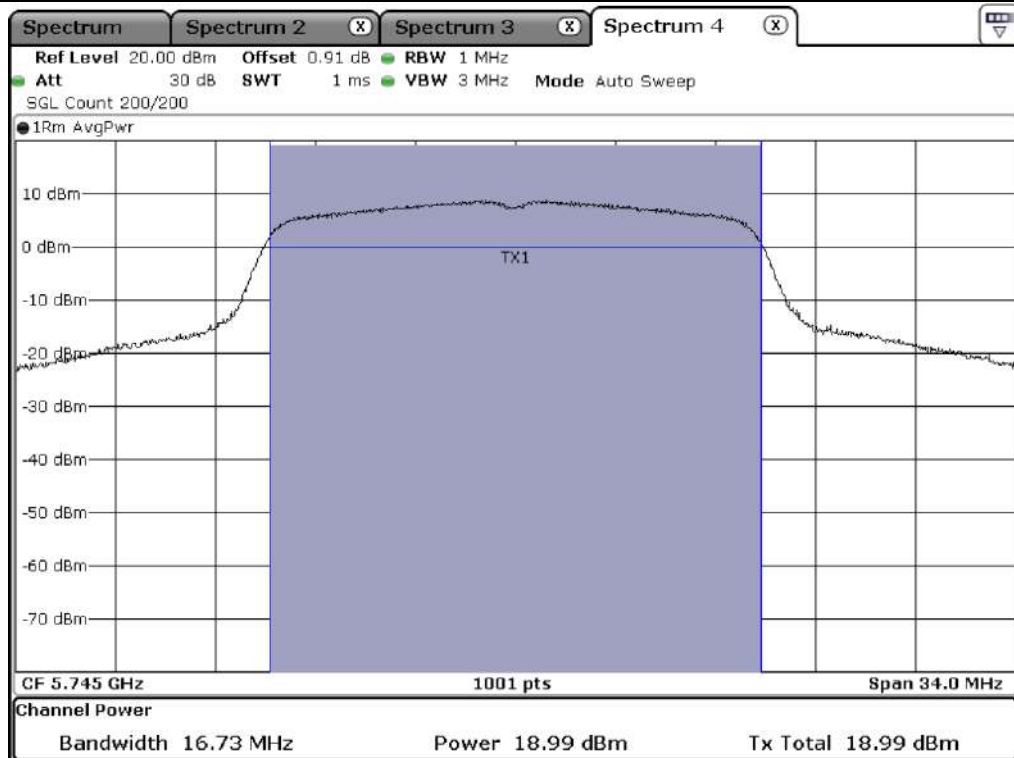


Low Channel @ 5 580 MHz

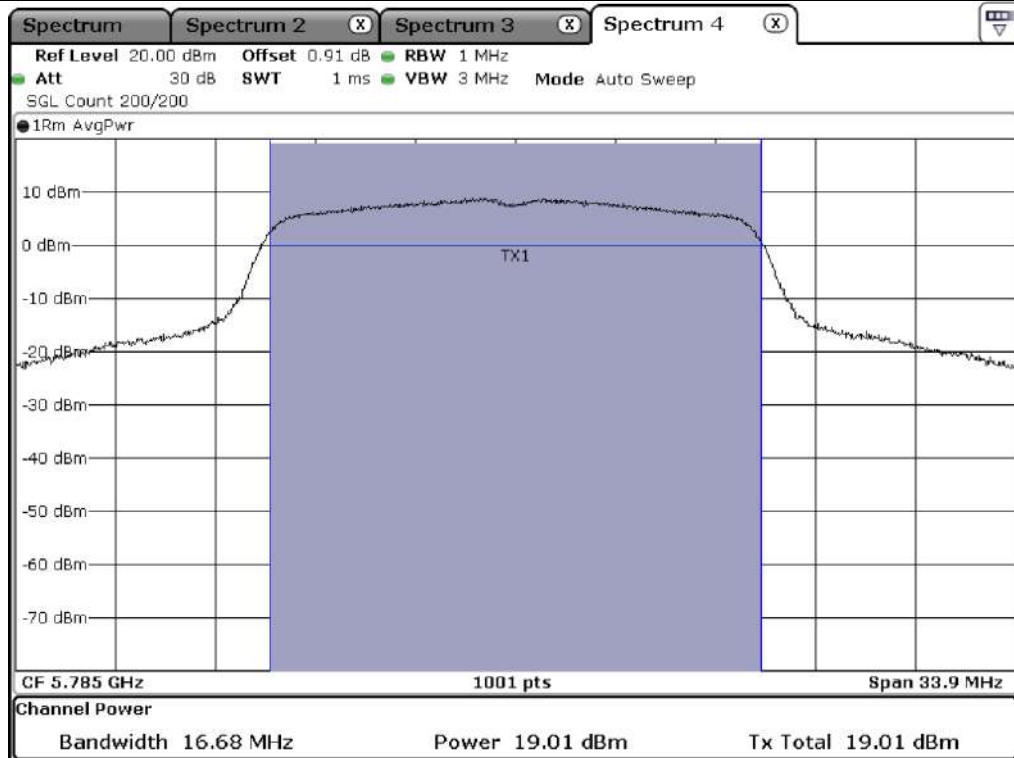


Middle Channel @ 5 700 MHz

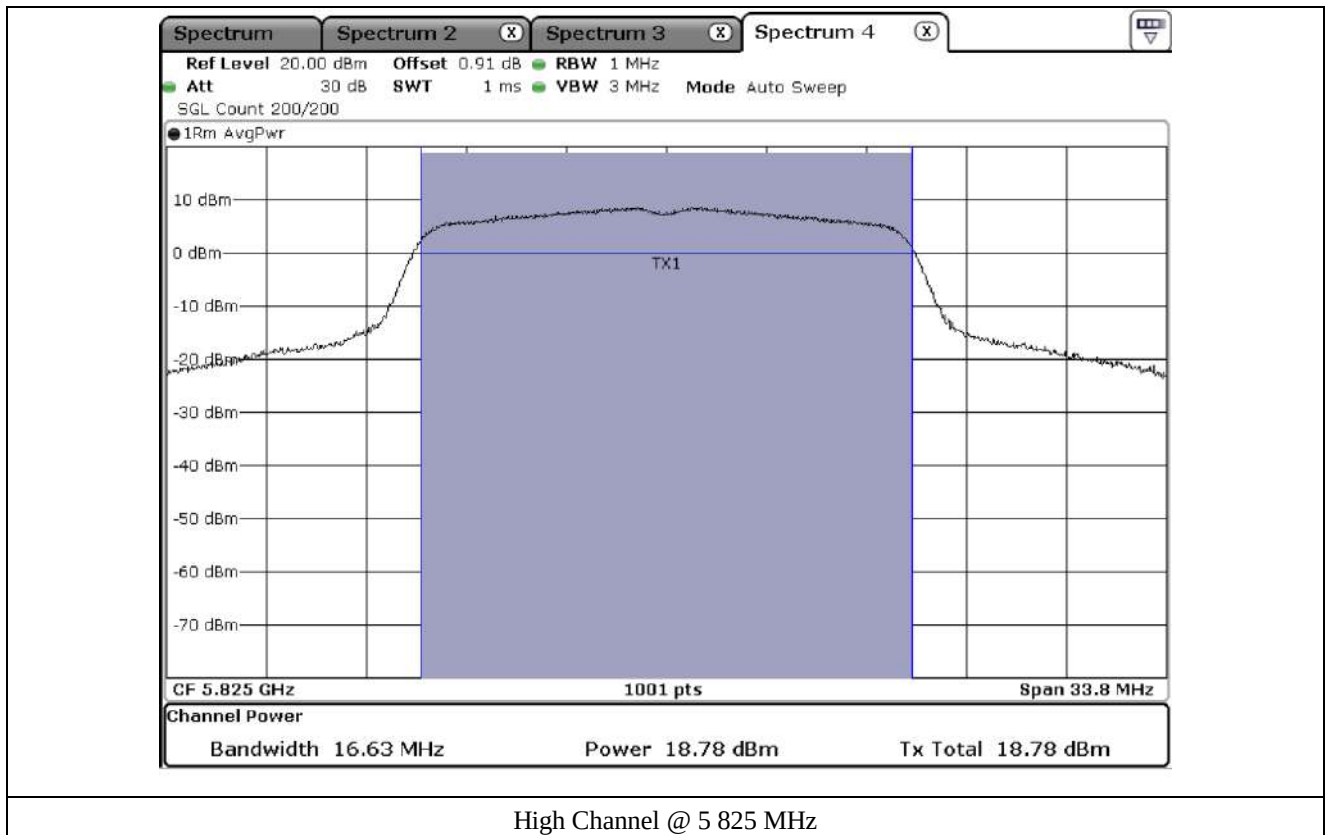




Low Channel @ 5 745 MHz



Middle Channel @ 5 785 MHz



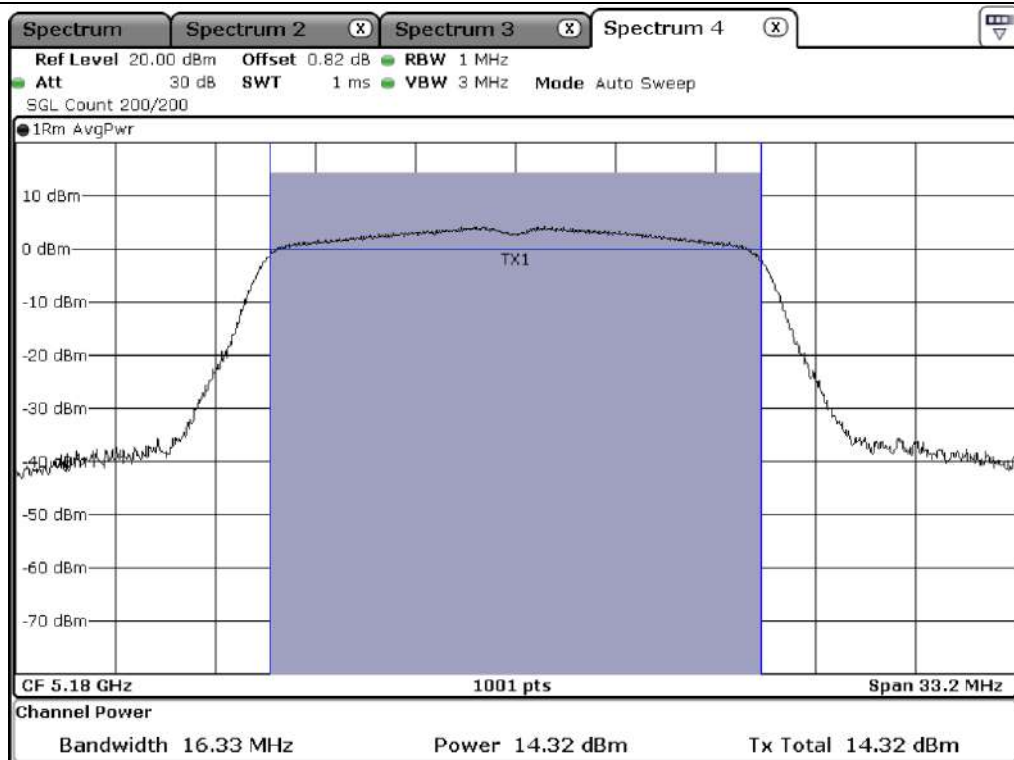
9.4.2 Test data for Antenna 1

-. Test Result : Pass

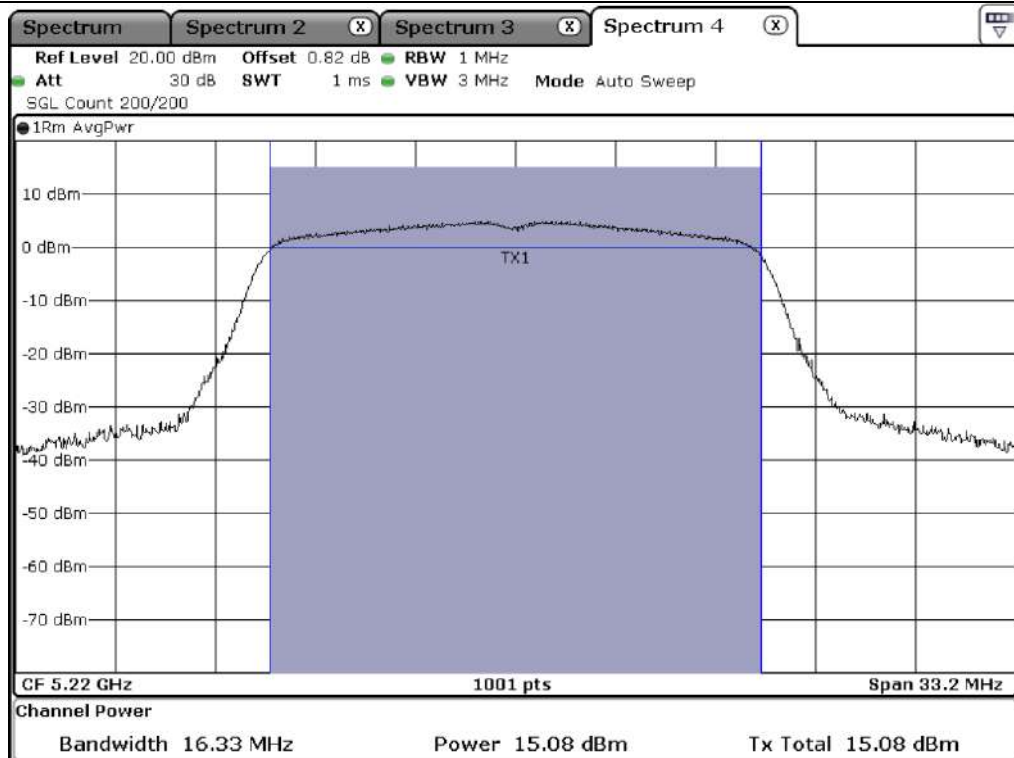
-. Duty Cycle : 91.89 % (UNII 1) / 91.89 % (UNII 2A) / 92.62 % (UNII 2C) / 91.95 % (UNII 3)

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	MEASURED VALUE (dBm)	Duty Factor (dB)	Total Value (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Low	5 180.00	14.32	0.37	14.69	24.00	9.31
	Middle	5 220.00	15.08	0.37	15.45	24.00	8.55
	High	5 240.00	15.07	0.37	15.44	24.00	8.56
5 250 ~ 5 350	Low	5 260.00	15.24	0.37	15.61	24.00	8.39
	Middle	5 300.00	14.35	0.37	14.72	24.00	9.28
	High	5 320.00	14.63	0.37	15.00	24.00	9.00
5 470 ~ 5 725	Low	5 500.00	17.74	0.33	18.07	24.00	5.93
	Middle	5 580.00	18.04	0.33	18.37	24.00	5.63
	High	5 700.00	17.23	0.33	17.56	24.00	6.44
5 725 ~ 5 850	Low	5 745.00	18.67	0.36	19.03	30.00	10.97
	Middle	5 785.00	18.75	0.36	19.11	30.00	10.89
	High	5 825.00	18.34	0.36	18.70	30.00	11.30

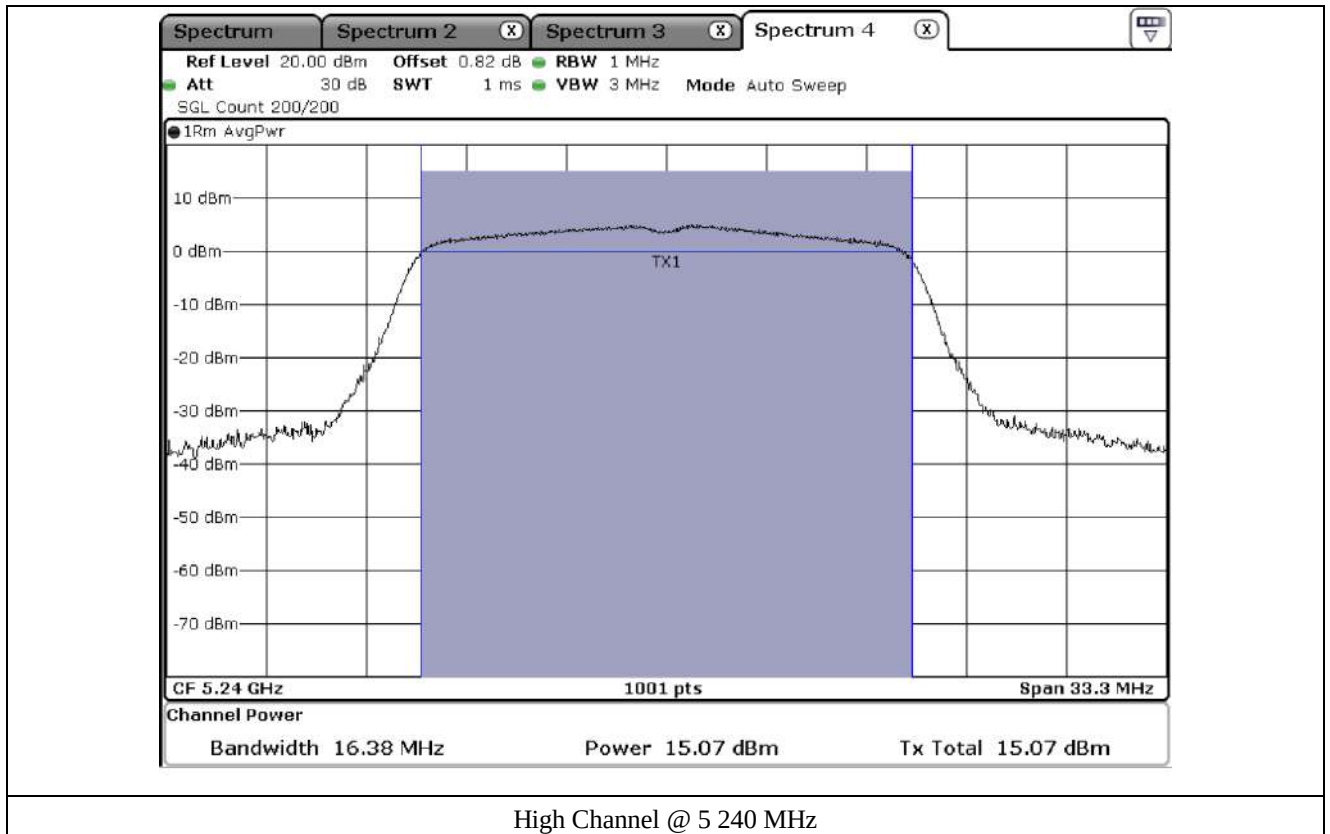
Remark : Margin = Limit –Total Value (=Measured Value +Duty Factor)

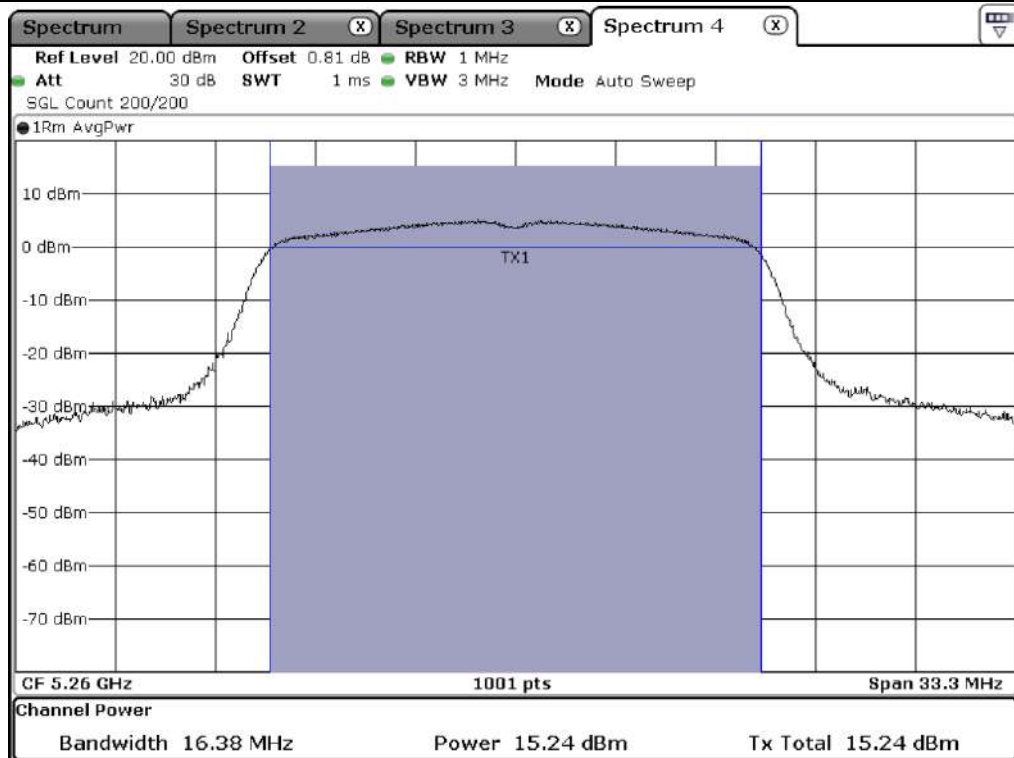


Low Channel @ 5 180 MHz

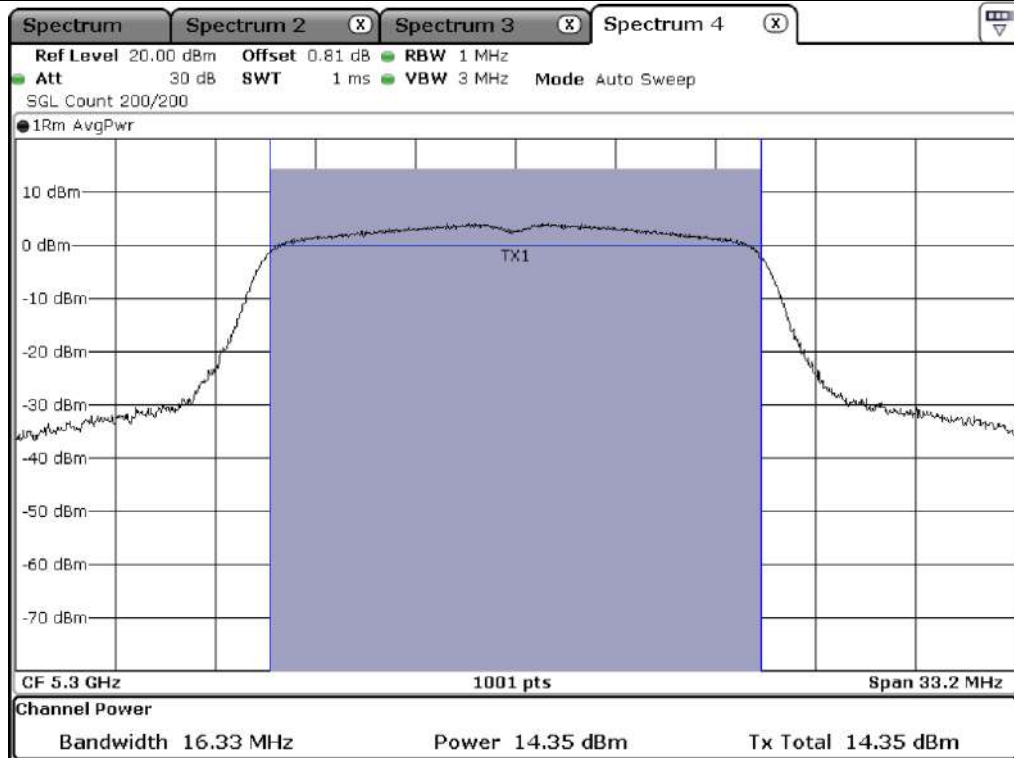


Middle Channel @ 5 220 MHz

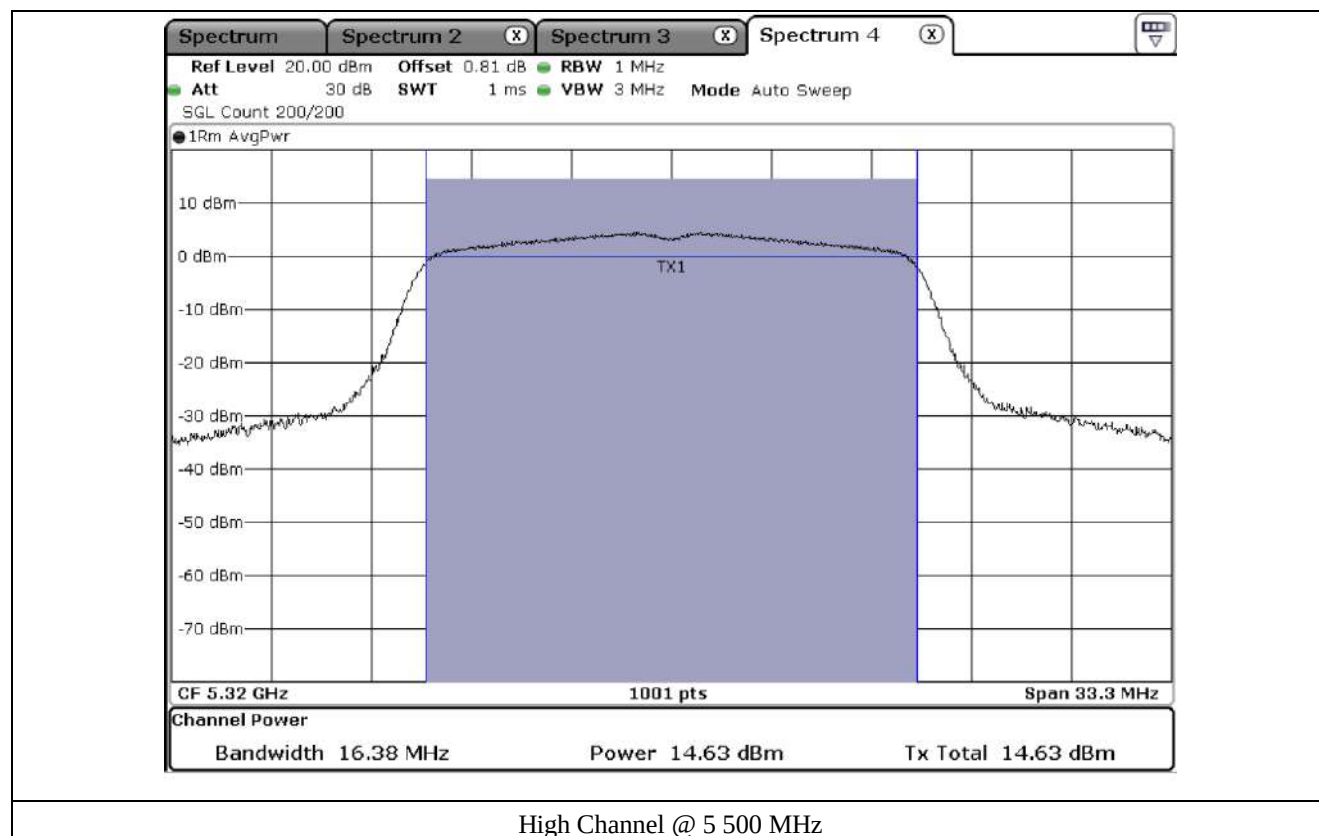


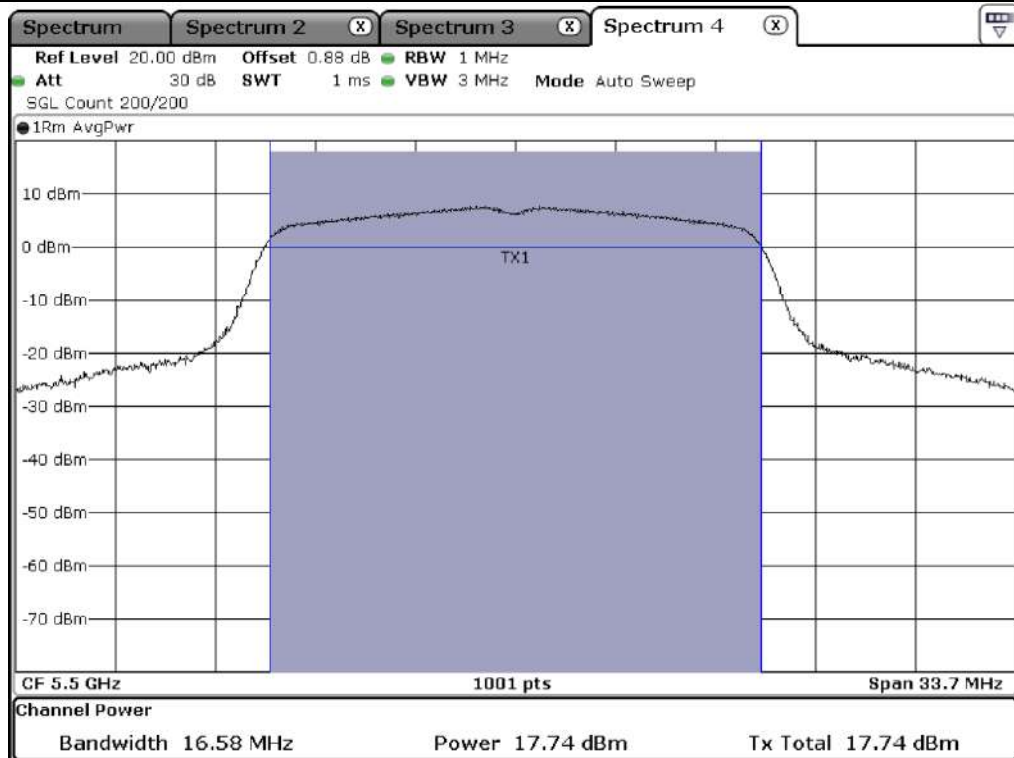


Low Channel @ 5 260 MHz

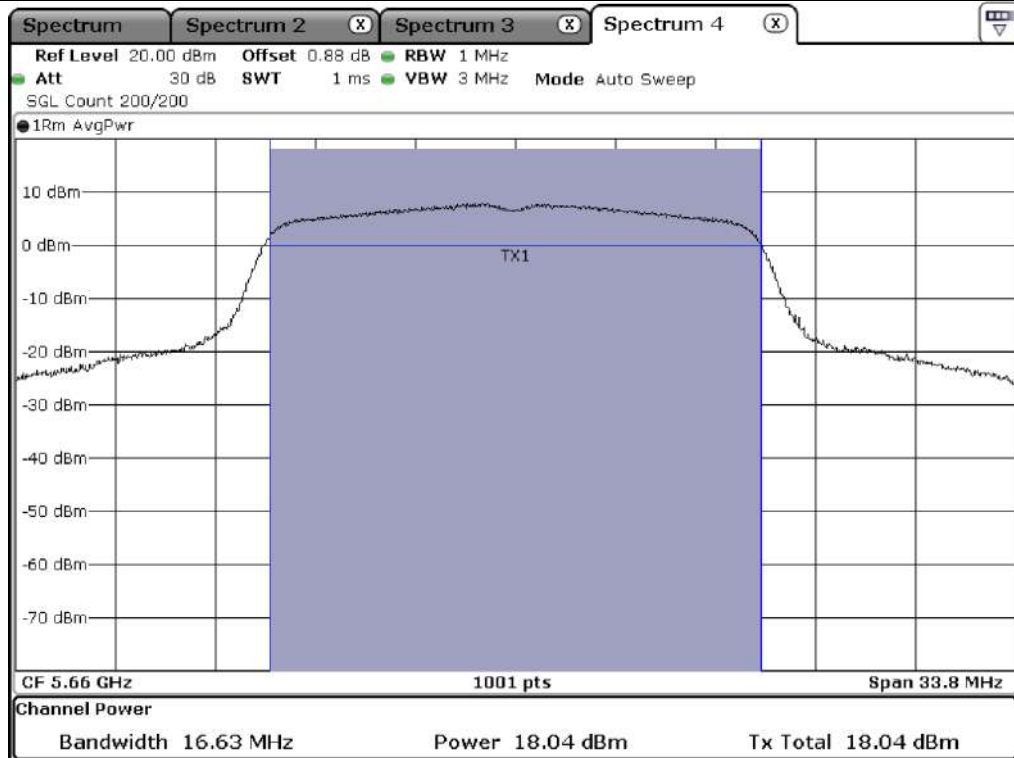


Middle Channel @ 5 300 MHz

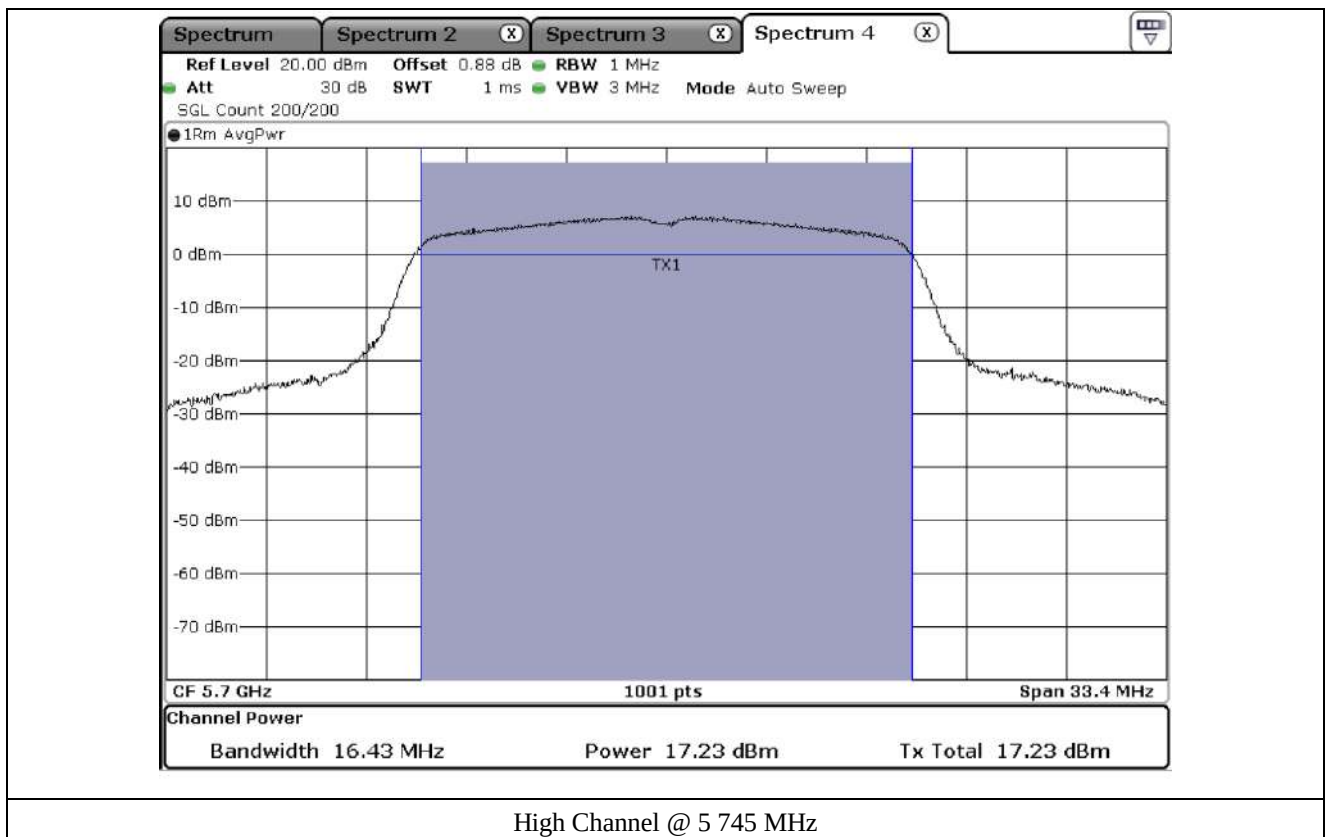


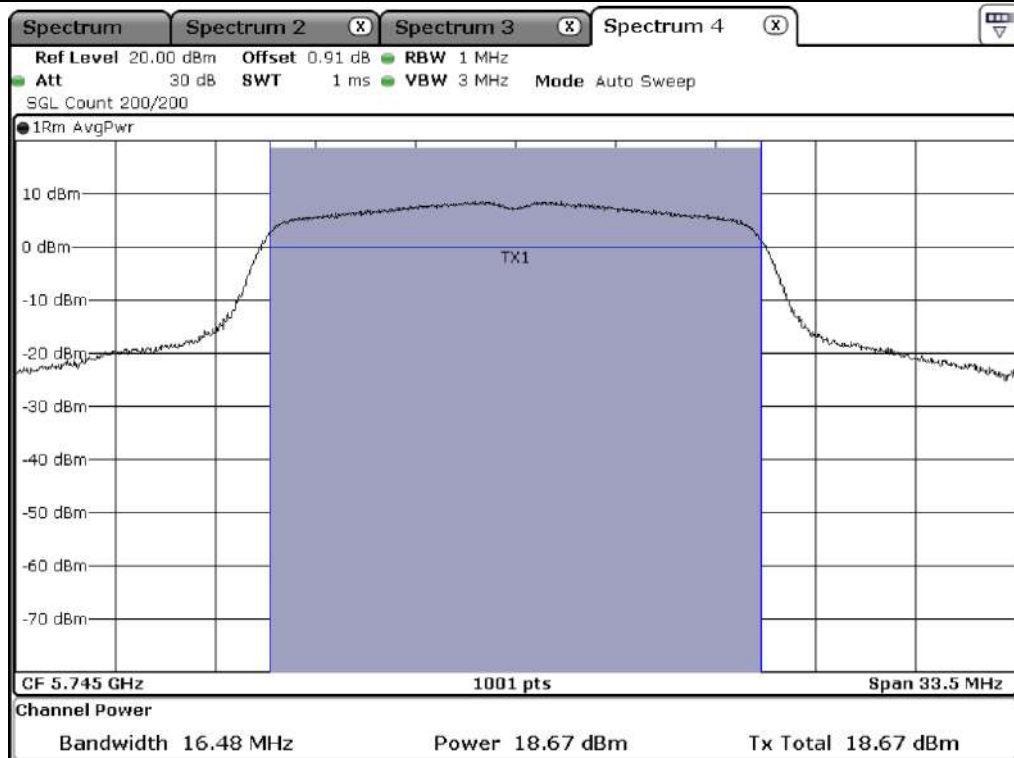


Low Channel @ 5 580 MHz

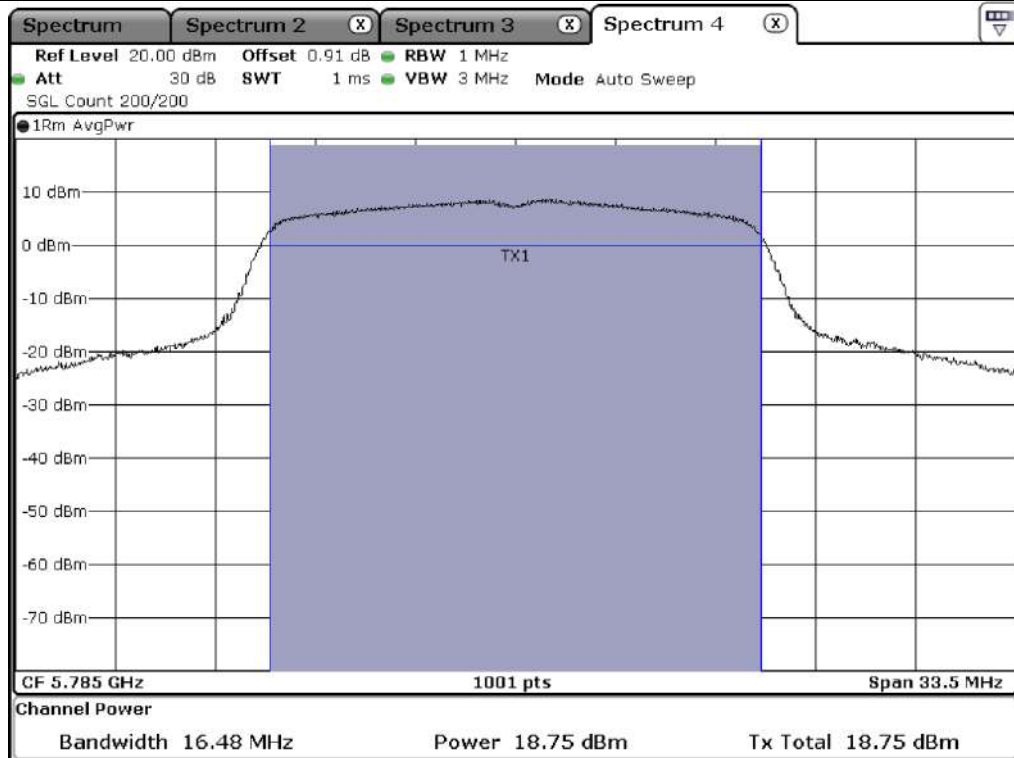


Middle Channel @ 5 700 MHz

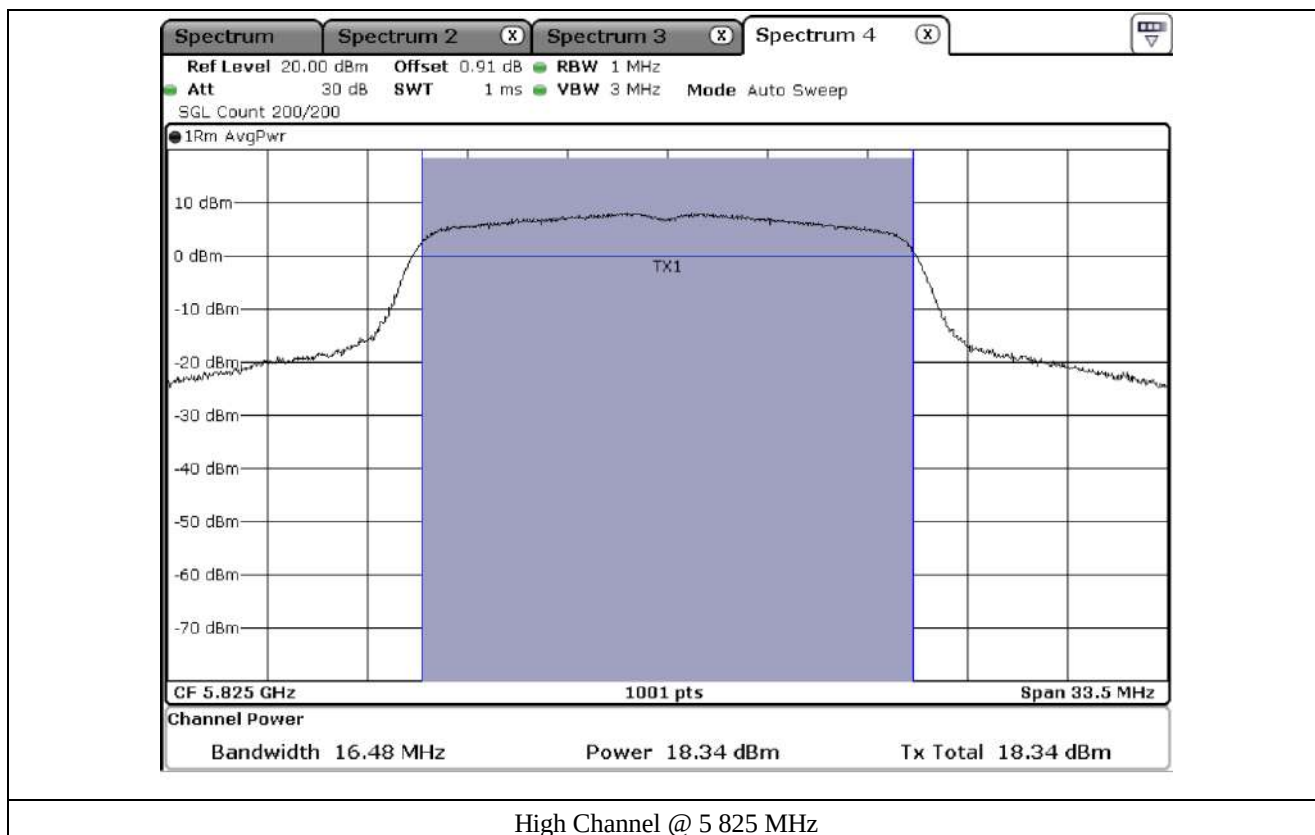




Low Channel @ 5 745 MHz



Middle Channel @ 5 785 MHz



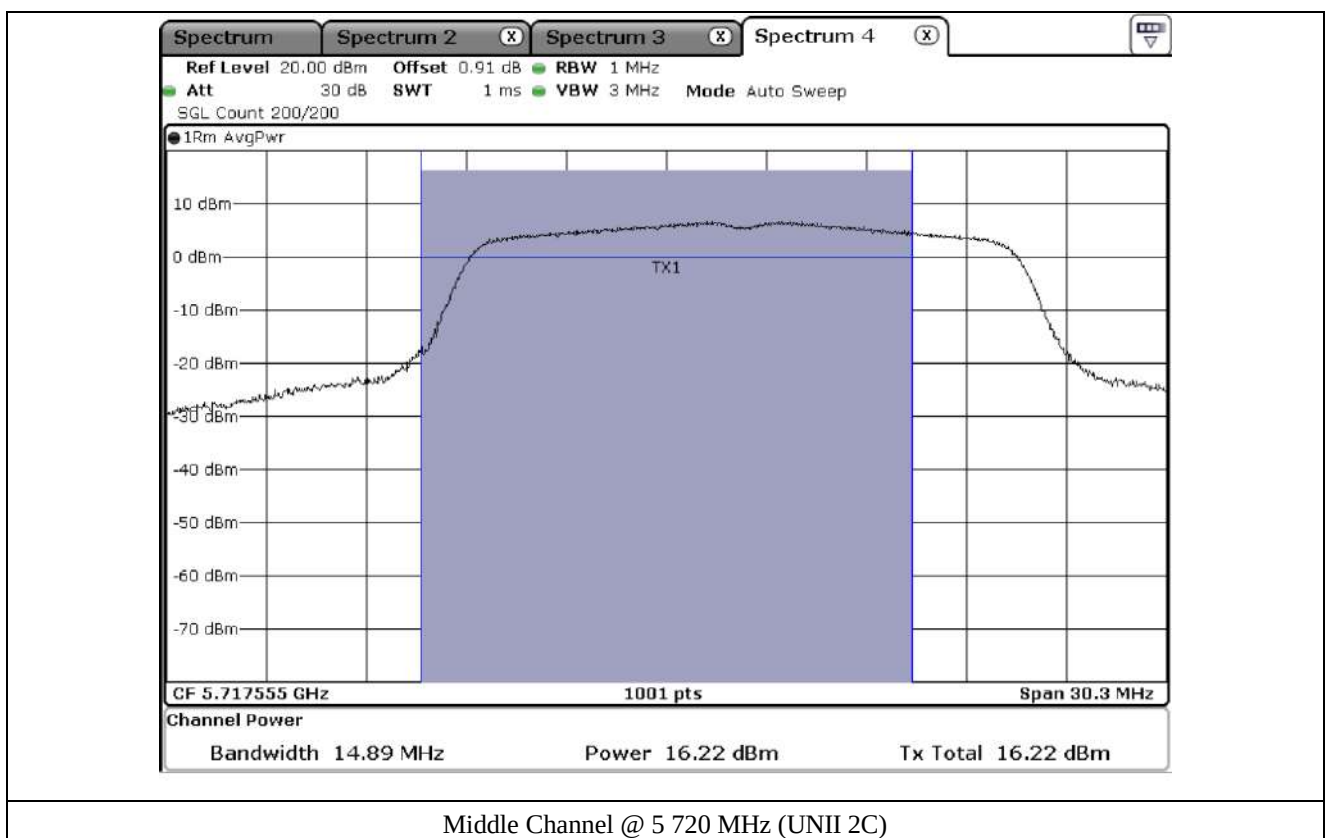
9.4.3 Test data for Staddle Channel_Antenna 0

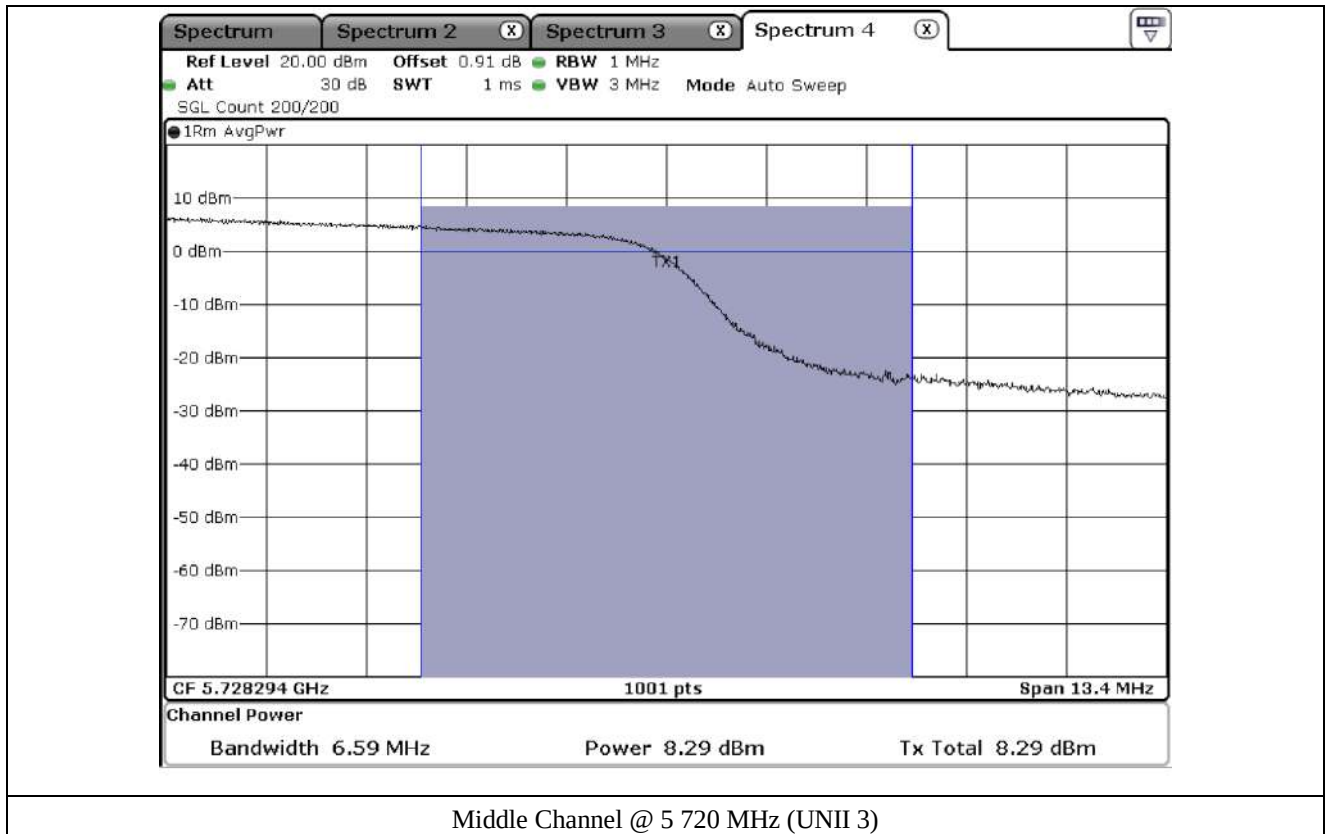
-. Test Result : Pass

-. Duty Cycle : 91.95 %

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	MEASURED VALUE (dBm)	Duty Factor (dB)	Total Value (dBm)	LIMIT (dBm)	MARGIN (dB)
5 470 ~ 5 725	Middle	5 720.00	16.22	0.36	16.58	24.00	7.42
5 725 ~ 5 850	Middle	5 720.00	8.29	0.36	8.65	30.00	21.35

Remark : Margin = Limit –Total Value (=Measured Value +Duty Factor)





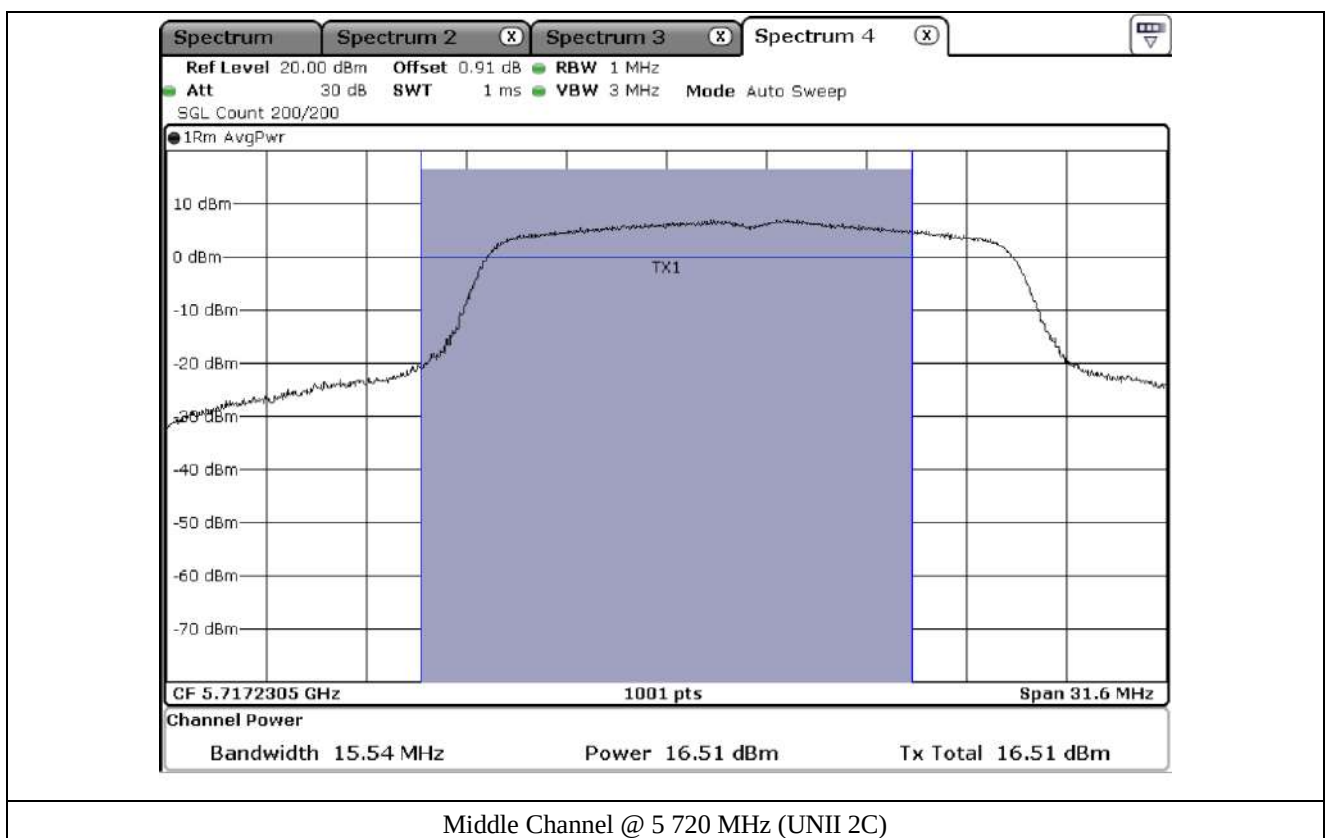
9.4.4 Test data for Staddle Channel_Antenna 1

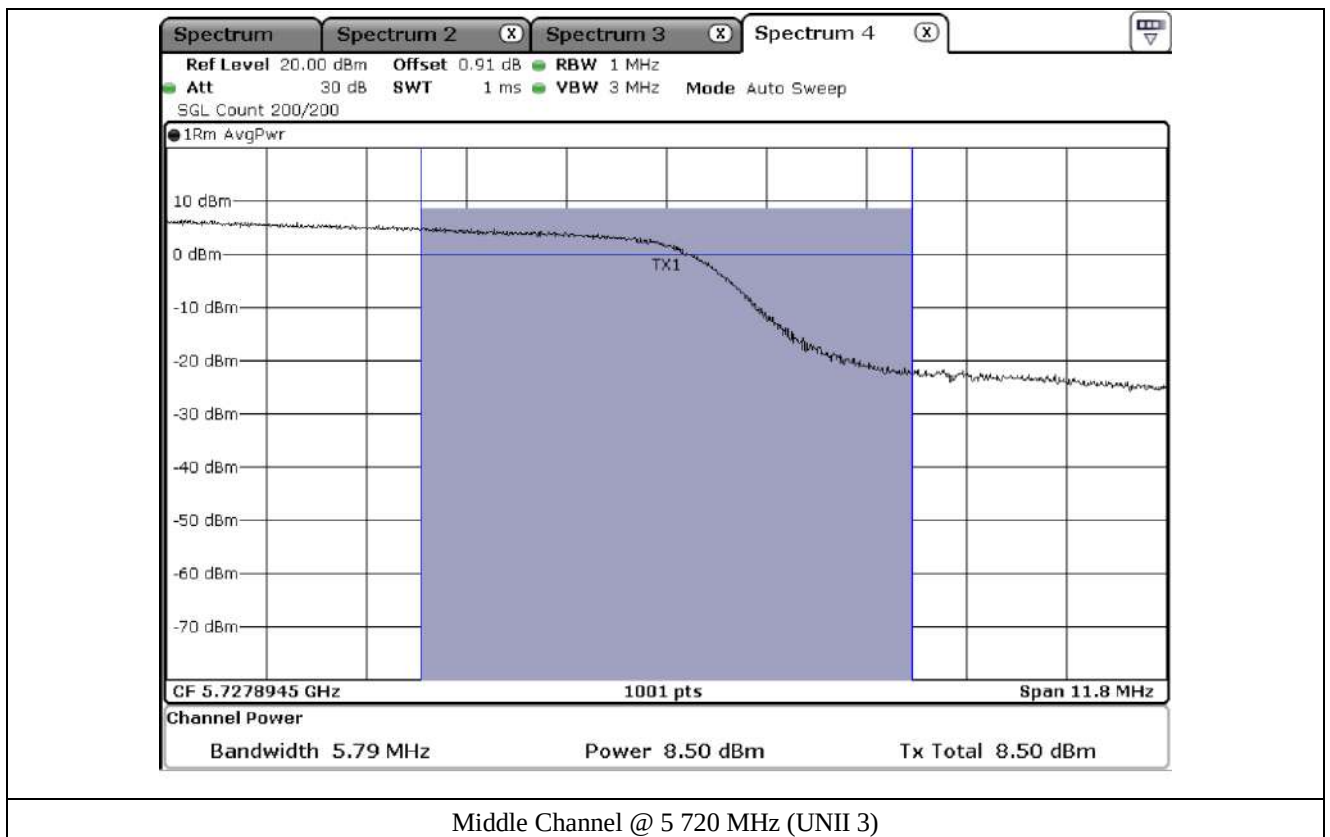
-. Test Result : Pass

-. Duty Cycle : 91.33 %

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	MEASURED VALUE (dBm)	Duty Factor (dB)	Total Value (dBm)	LIMIT (dBm)	MARGIN (dB)
5 470 ~ 5 725	Middle	5 720.00	16.51	0.39	16.90	24.00	7.10
5 725 ~ 5 850	Middle	5 720.00	8.50	0.39	8.89	30.00	21.11

Remark : Margin = Limit –Total Value (=Measured Value +Duty Factor)





9.5 Test data for 802.11n_HT20 RLAN Mode

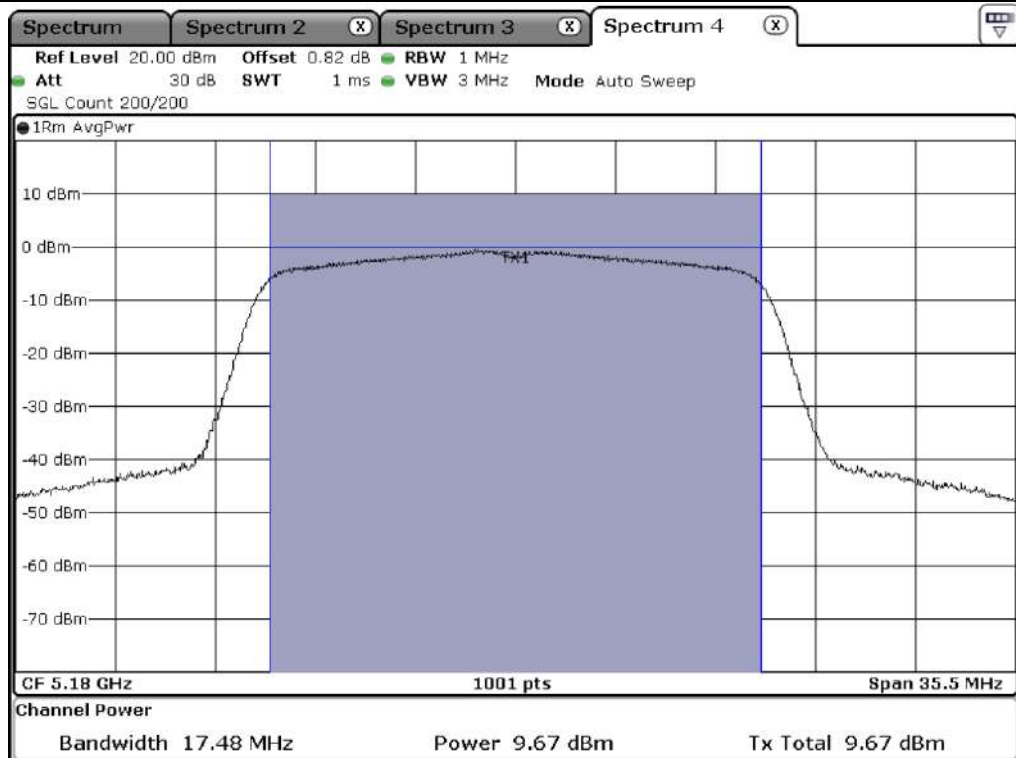
9.5.1 Test data for Antenna 0

-. Test Result : Pass

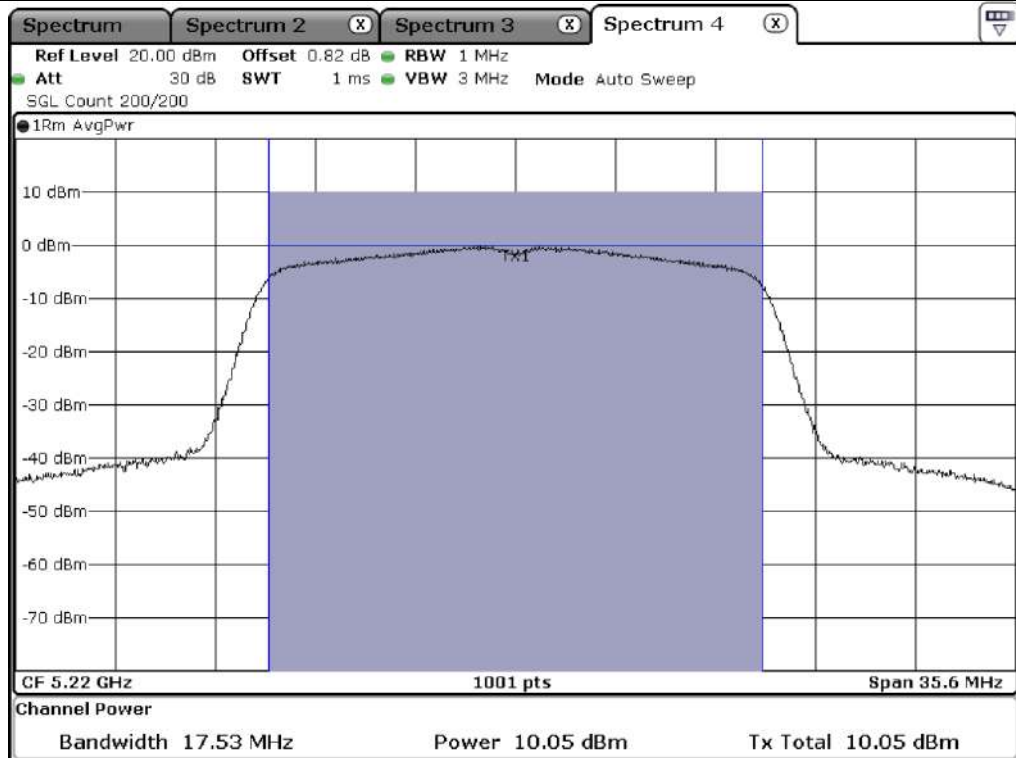
-. Duty Cycle : 84.42 % (UNII 1) / 85.71 % (UNII 2A) / 84.62 % (UNII 2C) / 84.62 % (UNII 3)

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	MEASURED VALUE (dBm)	Duty Factor (dB)	Total Value (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Low	5 180.00	9.67	0.74	10.41	24.00	13.59
	Middle	5 220.00	10.05	0.74	10.79	24.00	13.21
	High	5 240.00	10.07	0.74	10.81	24.00	13.19
5 250 ~ 5 350	Low	5 260.00	14.49	0.67	15.16	24.00	8.84
	Middle	5 300.00	12.79	0.67	13.46	24.00	10.54
	High	5 320.00	12.73	0.67	13.40	24.00	10.60
5 470 ~ 5 725	Low	5 500.00	14.63	0.73	15.36	24.00	8.64
	Middle	5 580.00	13.89	0.73	14.62	24.00	9.38
	High	5 700.00	14.06	0.73	14.79	24.00	9.21
5 725 ~ 5 850	Low	5 745.00	17.19	0.73	17.92	30.00	12.08
	Middle	5 785.00	17.27	0.73	18.00	30.00	12.00
	High	5 825.00	17.13	0.73	17.86	30.00	12.14

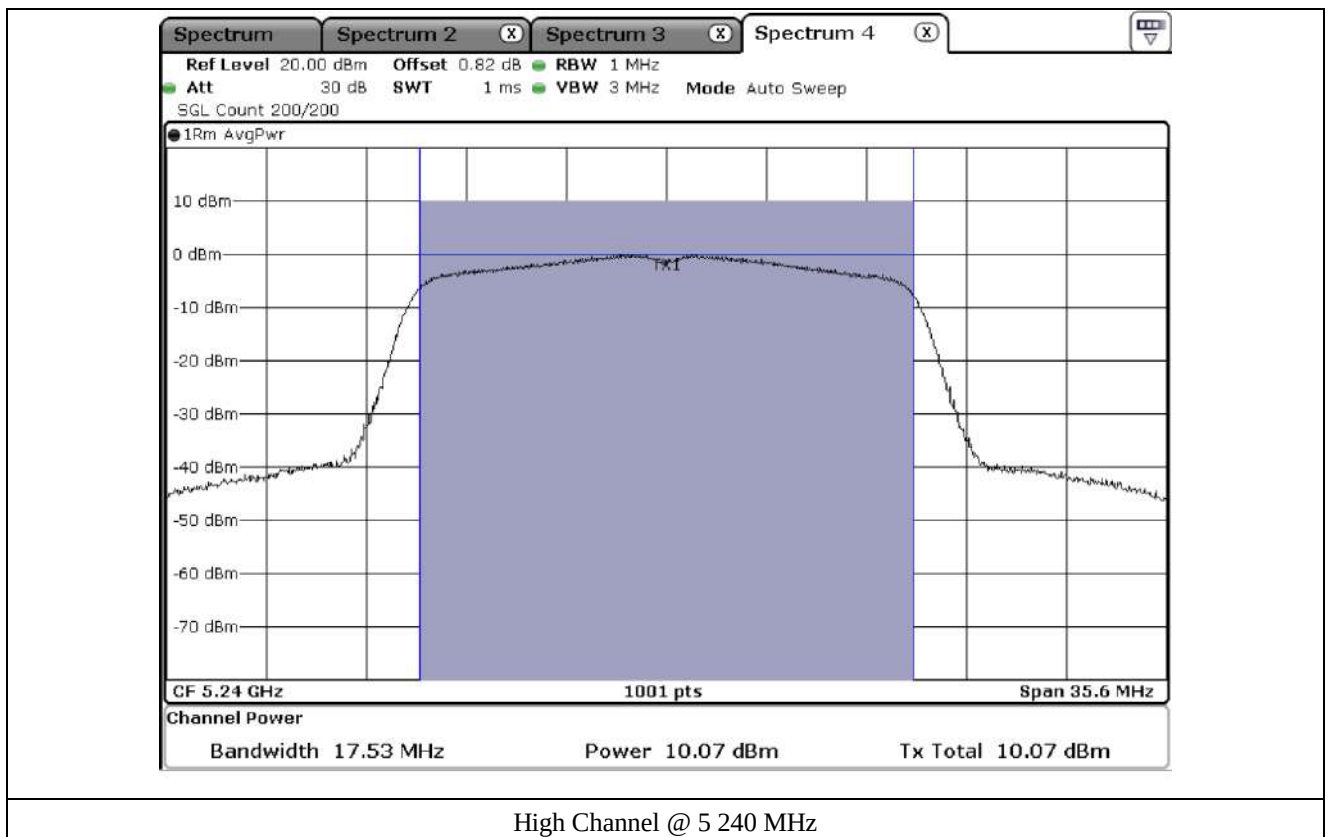
Remark : Margin = Limit –Total Value (=Measured Value +Duty Factor)

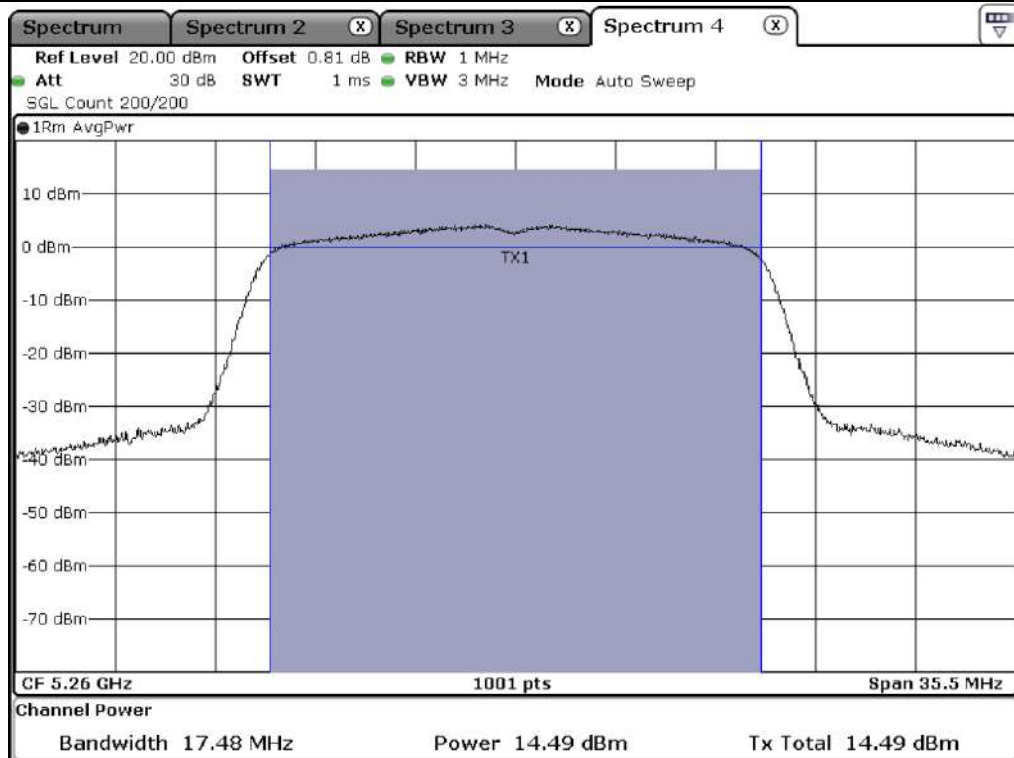


Low Channel @ 5 180 MHz

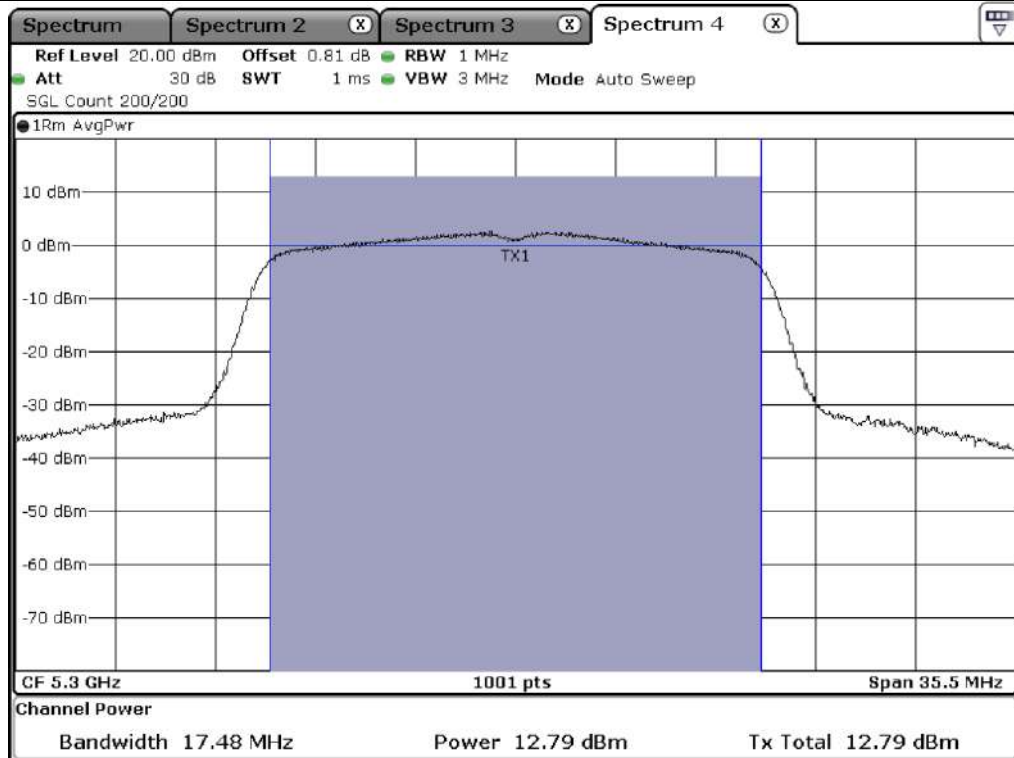


Middle Channel @ 5 220 MHz

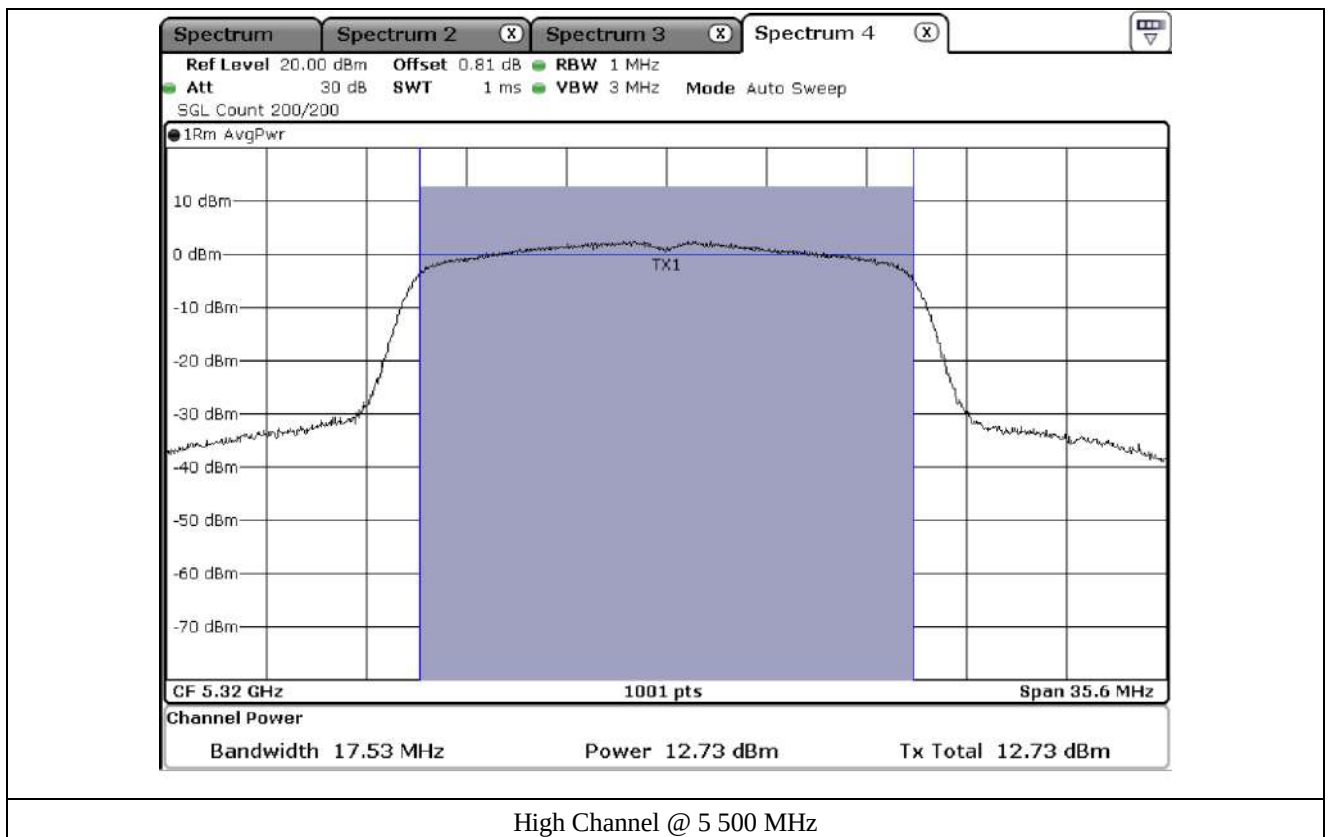


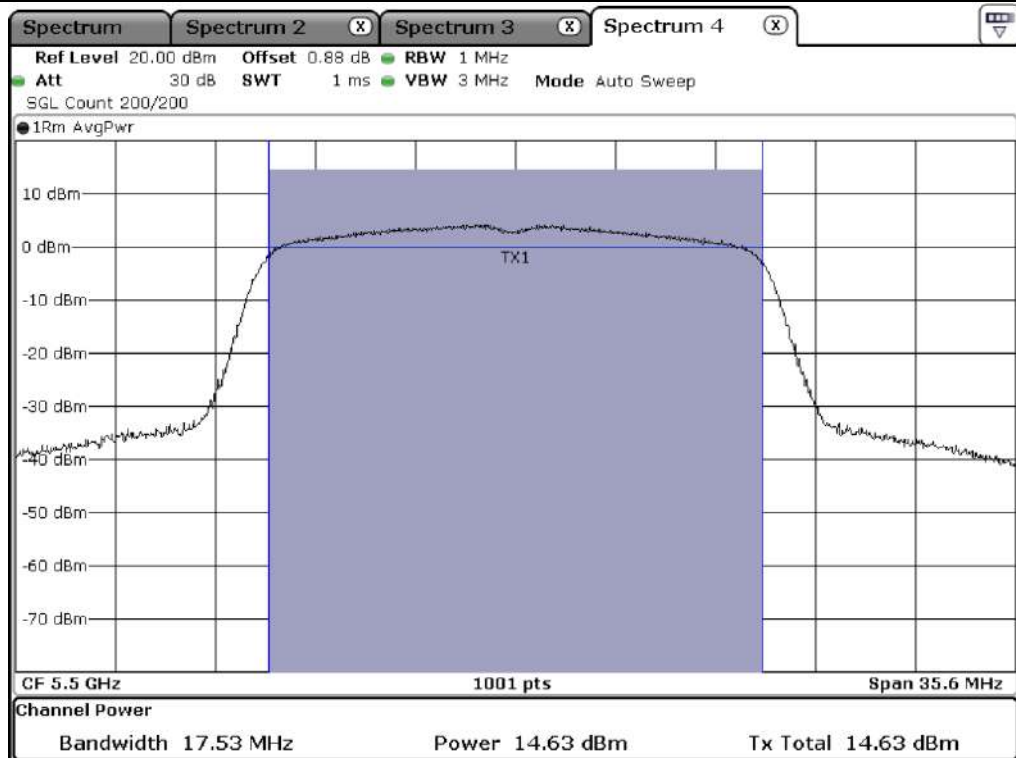


Low Channel @ 5 260 MHz

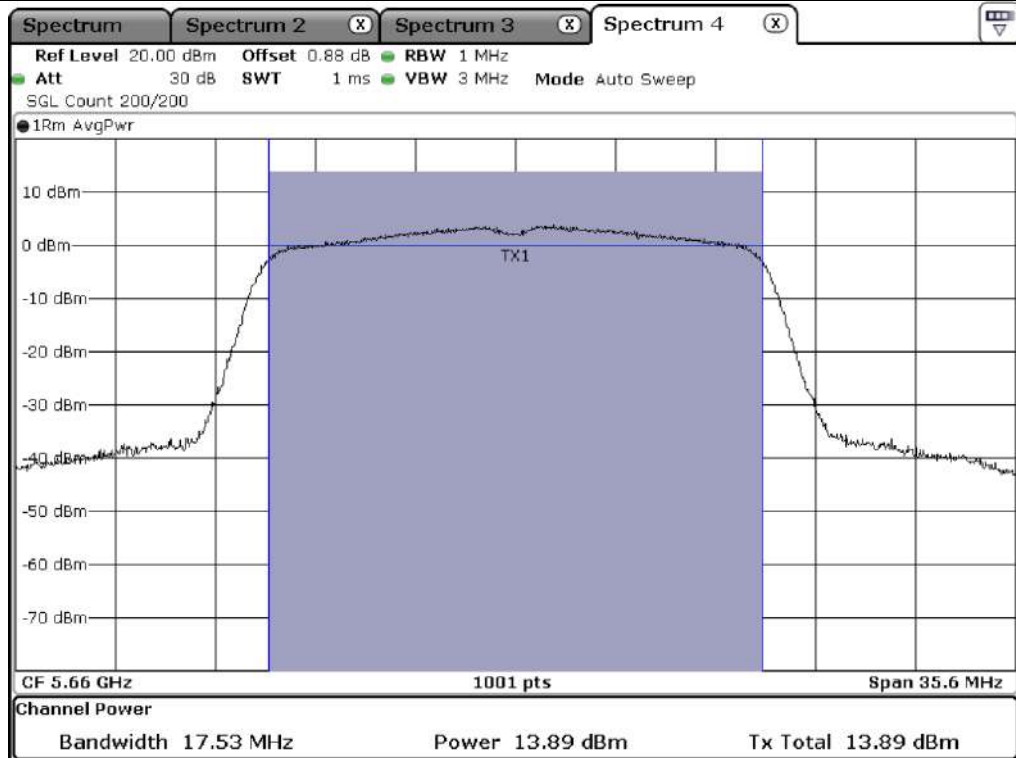


Middle Channel @ 5 300 MHz

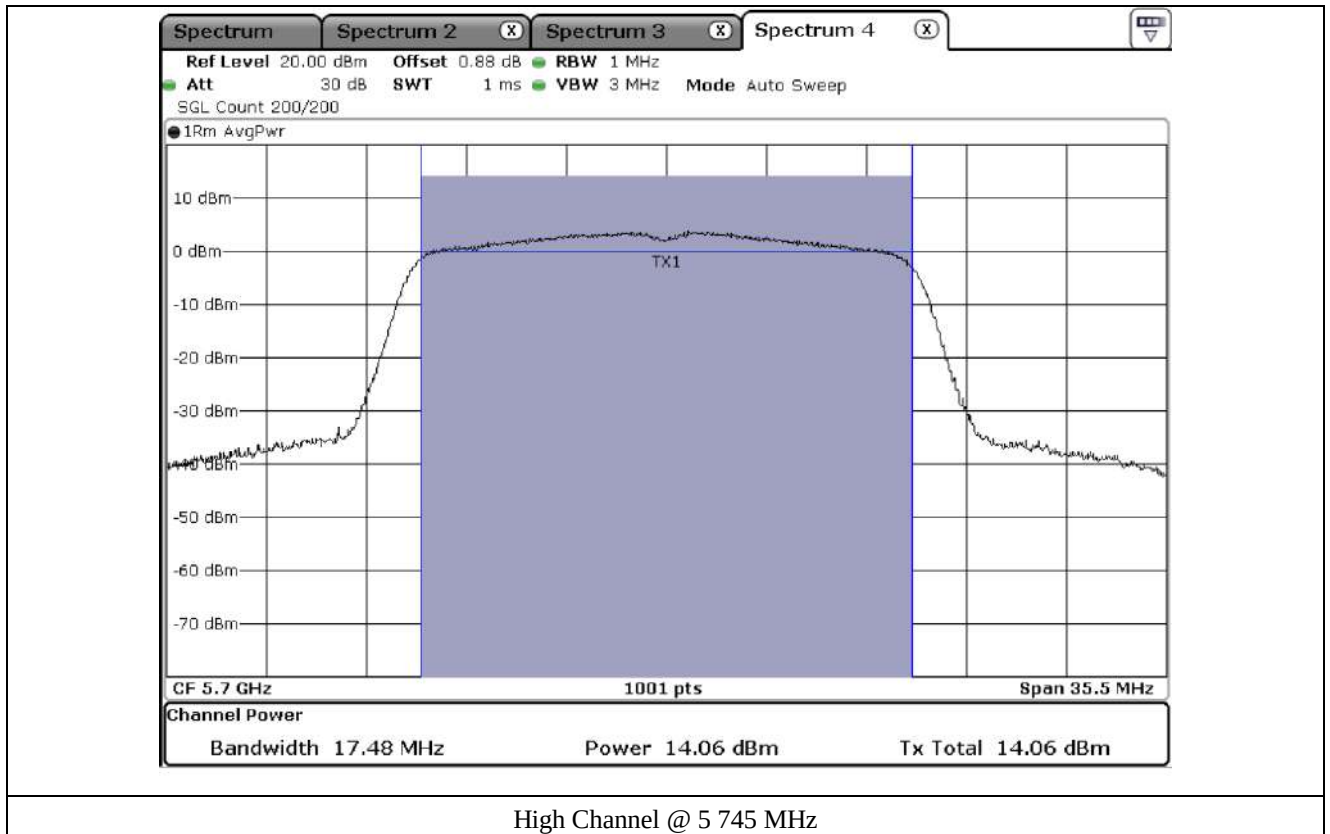


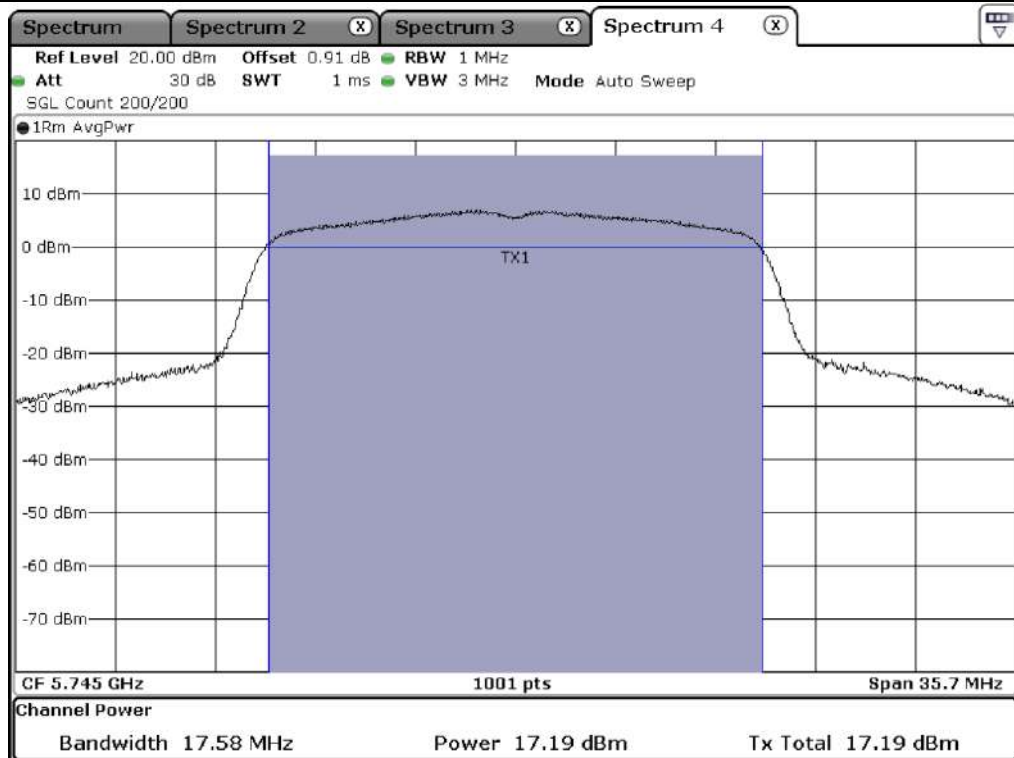


Low Channel @ 5 580 MHz

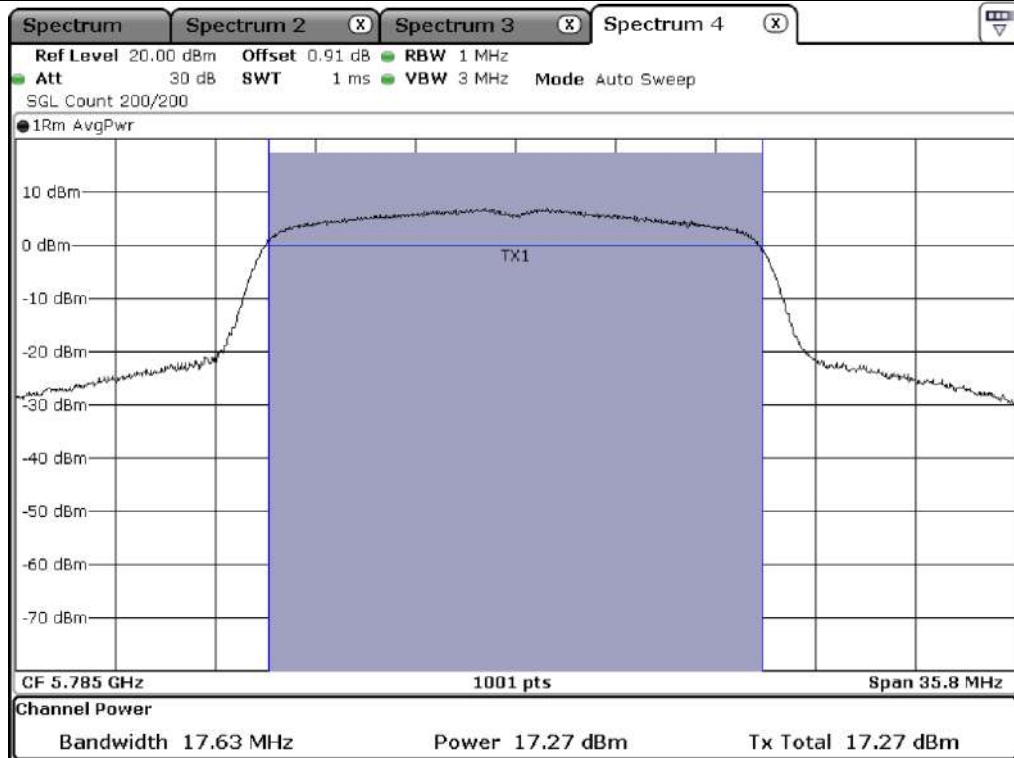


Middle Channel @ 5 700 MHz

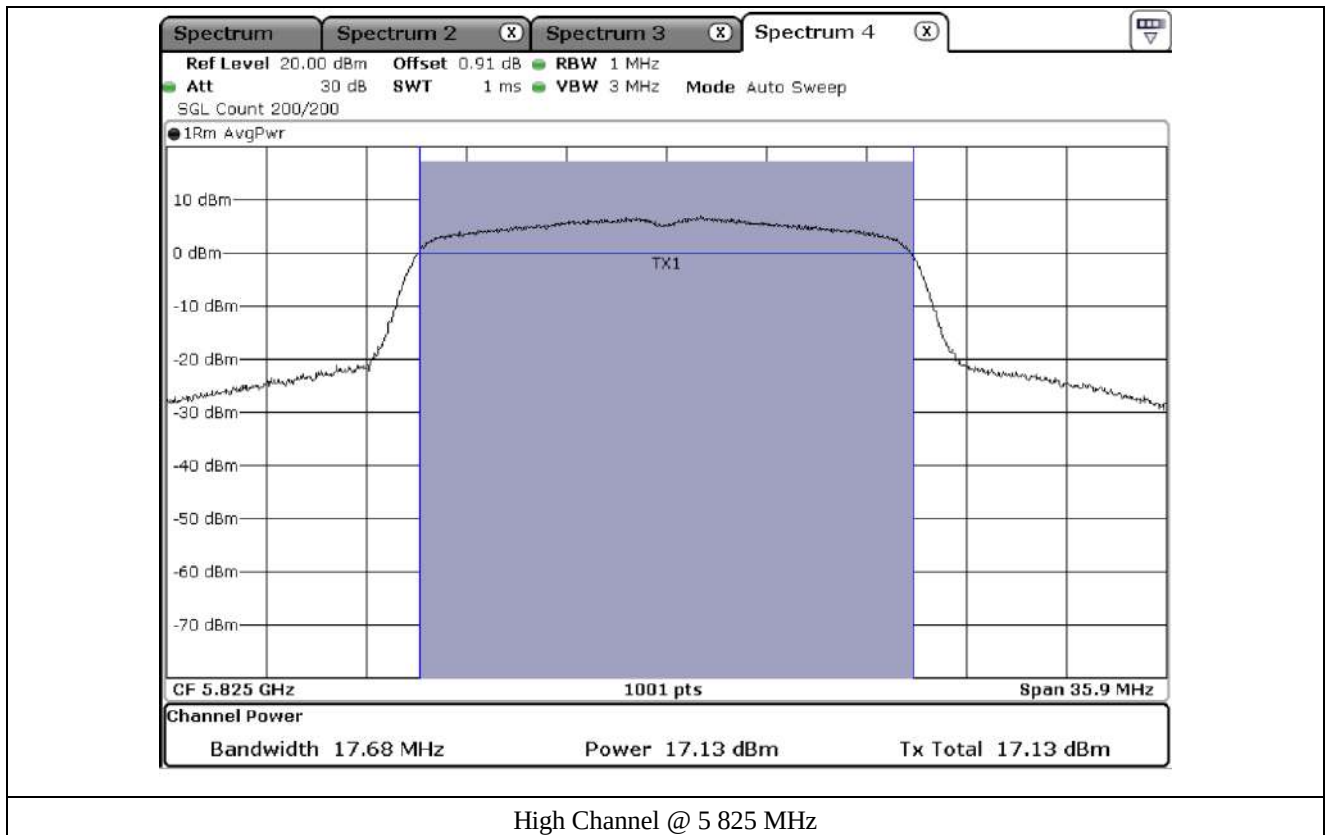




Low Channel @ 5 745 MHz



Middle Channel @ 5 785 MHz



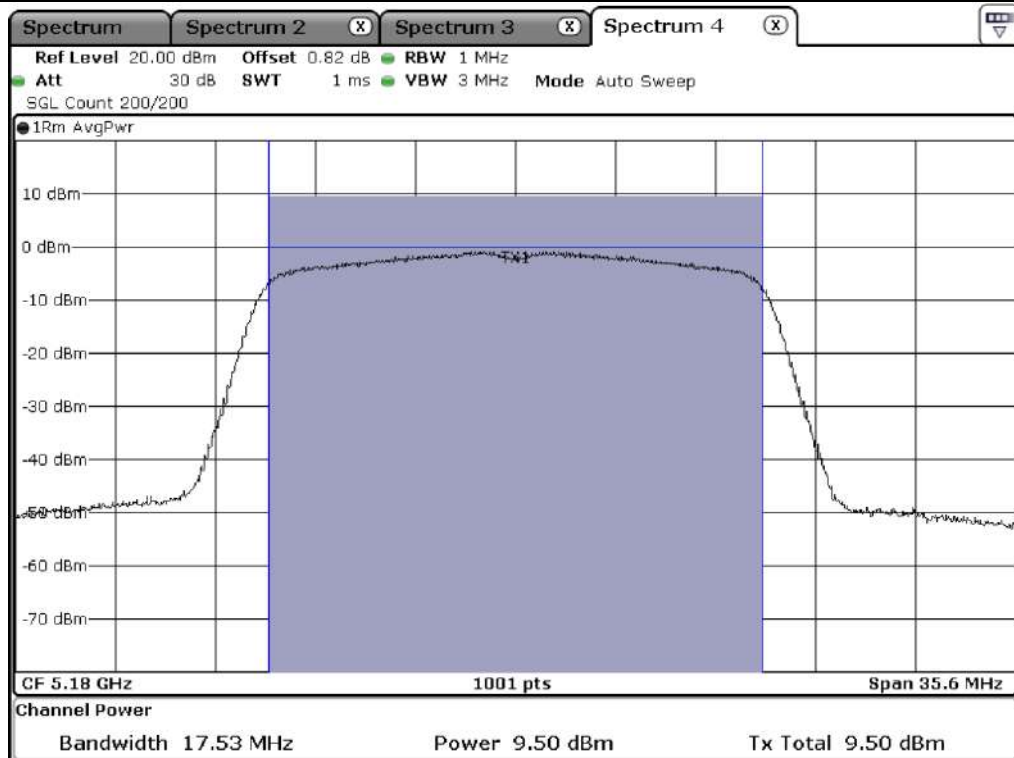
9.5.2 Test data for Antenna 1

-. Test Result : Pass

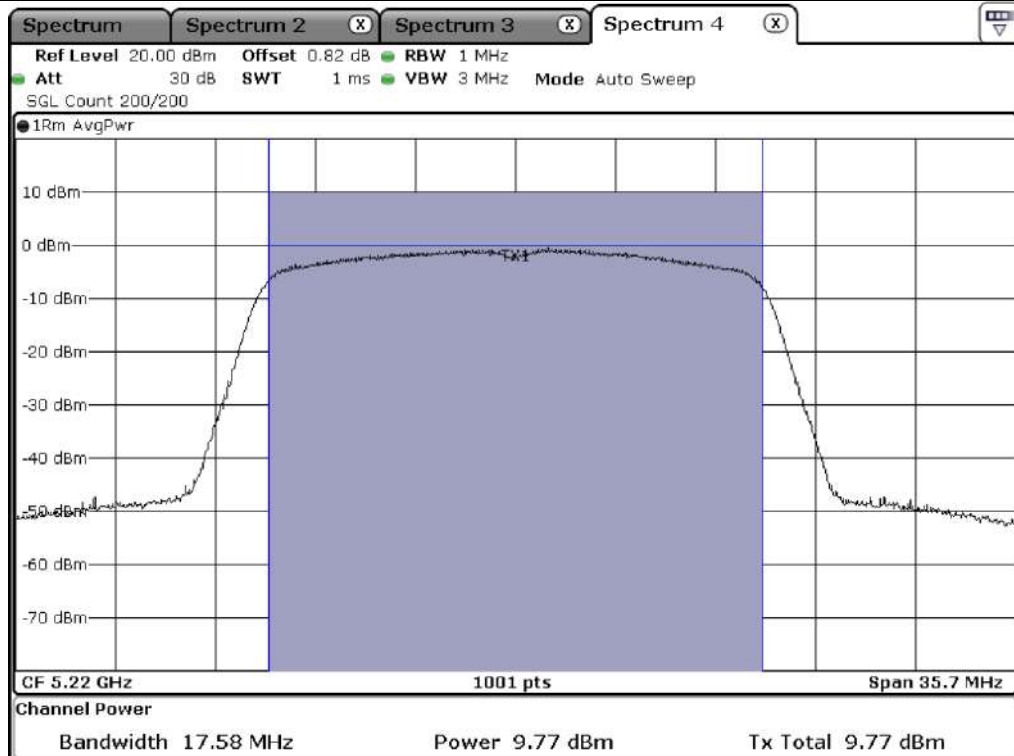
-. Duty Cycle : 84.62 % (UNII 1) / 84.42 % (UNII 2A) / 83.12 % (UNII 2C) / 83.33 % (UNII 3)

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	MEASURED VALUE (dBm)	Duty Factor (dB)	Total Value (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Low	5 180.00	9.50	0.73	10.23	24.00	13.77
	Middle	5 220.00	9.77	0.73	10.50	24.00	13.50
	High	5 240.00	9.91	0.73	10.64	24.00	13.36
5 250 ~ 5 350	Low	5 260.00	12.22	0.74	12.96	24.00	11.04
	Middle	5 300.00	10.06	0.74	10.80	24.00	13.20
	High	5 320.00	10.35	0.74	11.09	24.00	12.91
5 470 ~ 5 725	Low	5 500.00	14.22	0.80	15.02	24.00	8.98
	Middle	5 580.00	14.49	0.80	15.29	24.00	8.71
	High	5 700.00	13.98	0.80	14.78	24.00	9.22
5 725 ~ 5 850	Low	5 745.00	16.87	0.79	17.66	30.00	12.34
	Middle	5 785.00	17.06	0.79	17.85	30.00	12.15
	High	5 825.00	16.70	0.79	17.49	30.00	12.51

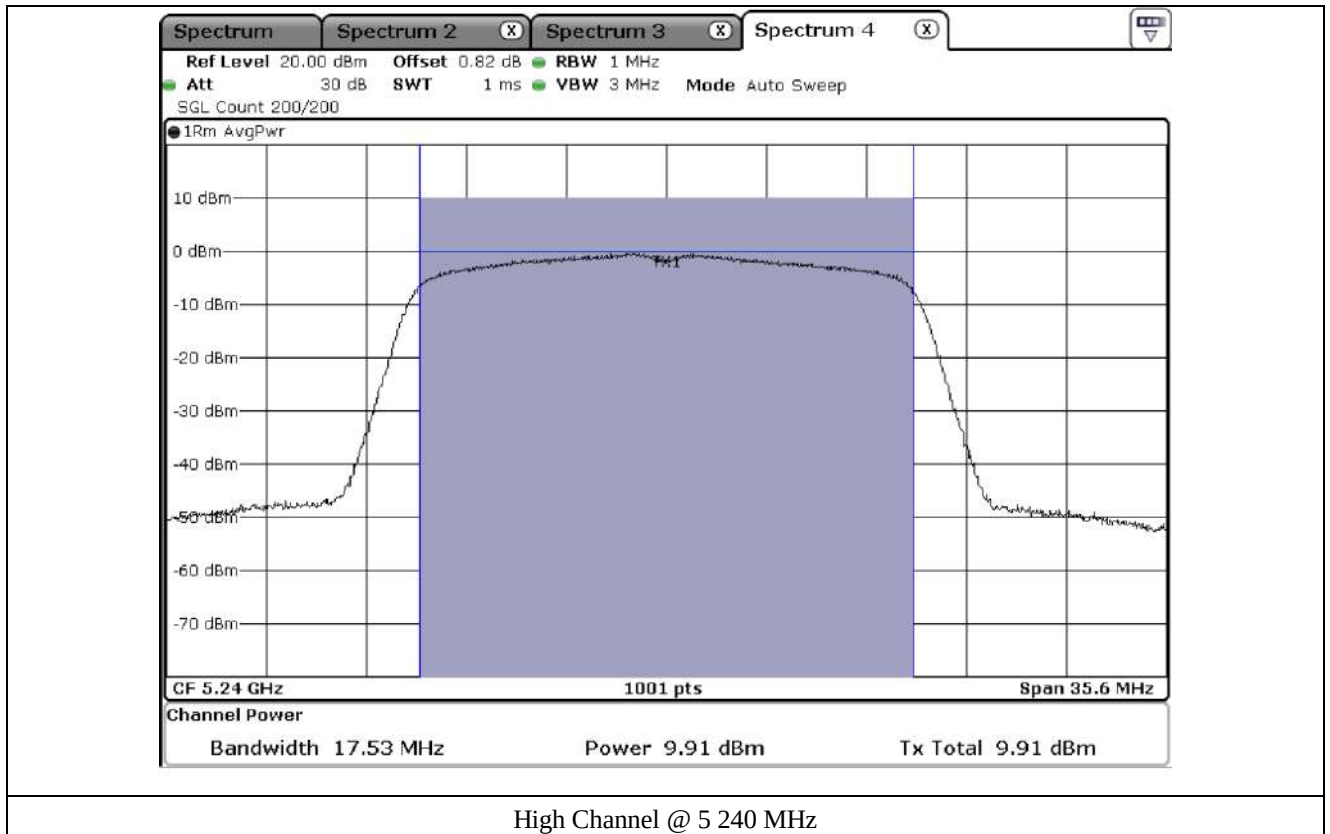
Remark : Margin = Limit –Total Value (=Measured Value +Duty Factor)

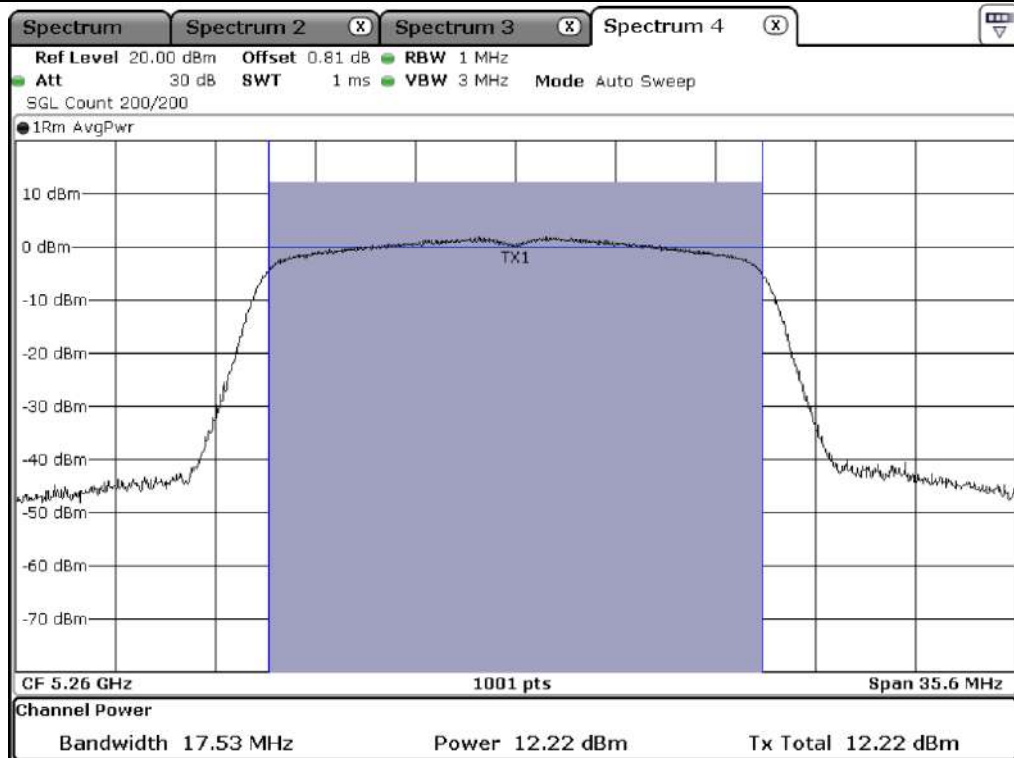


Low Channel @ 5.180 MHz

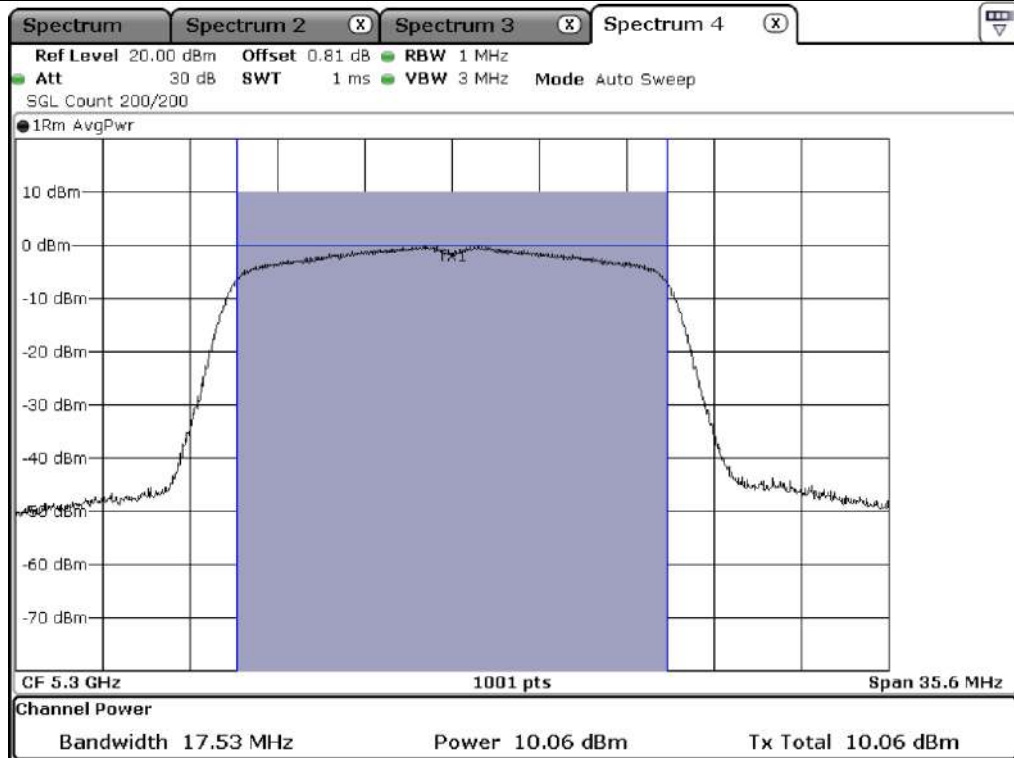


Middle Channel @ 5.220 MHz

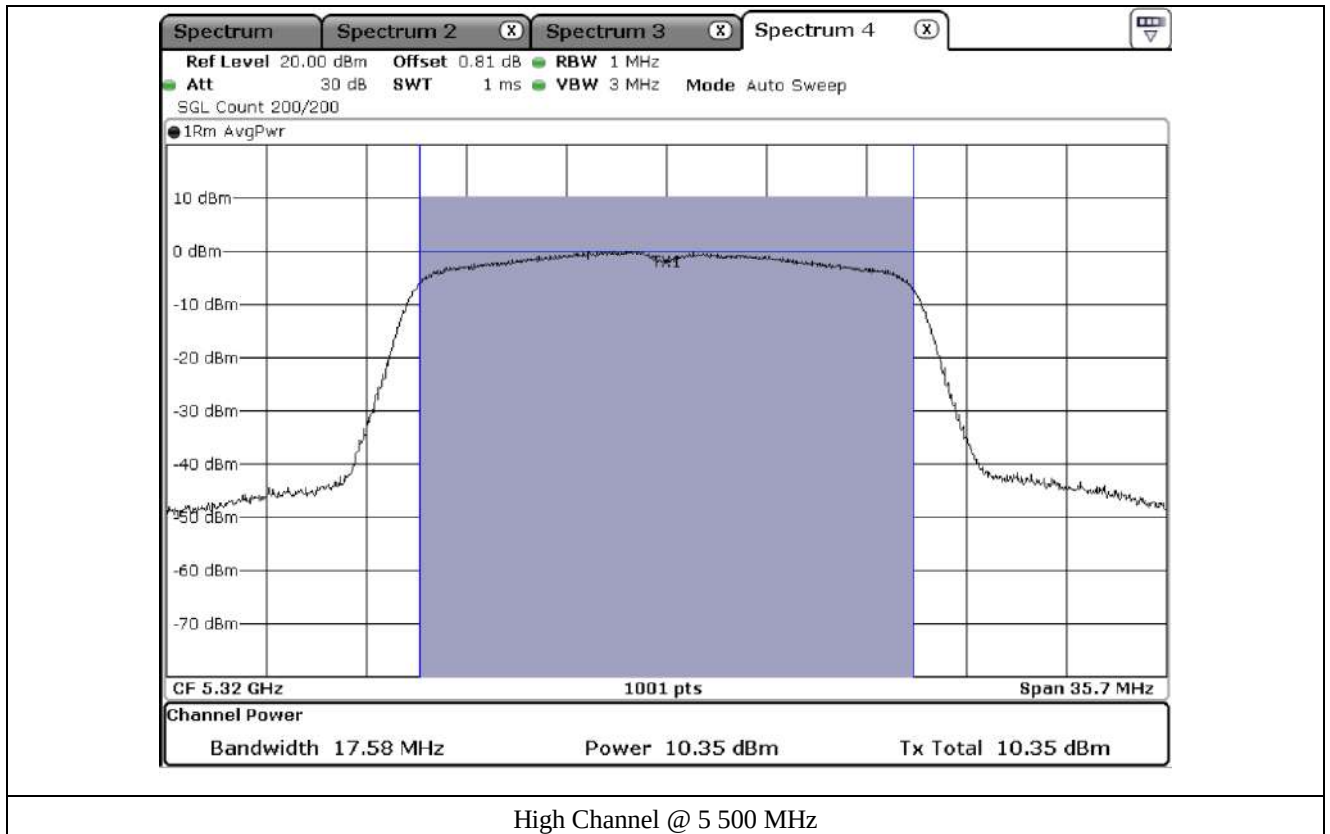


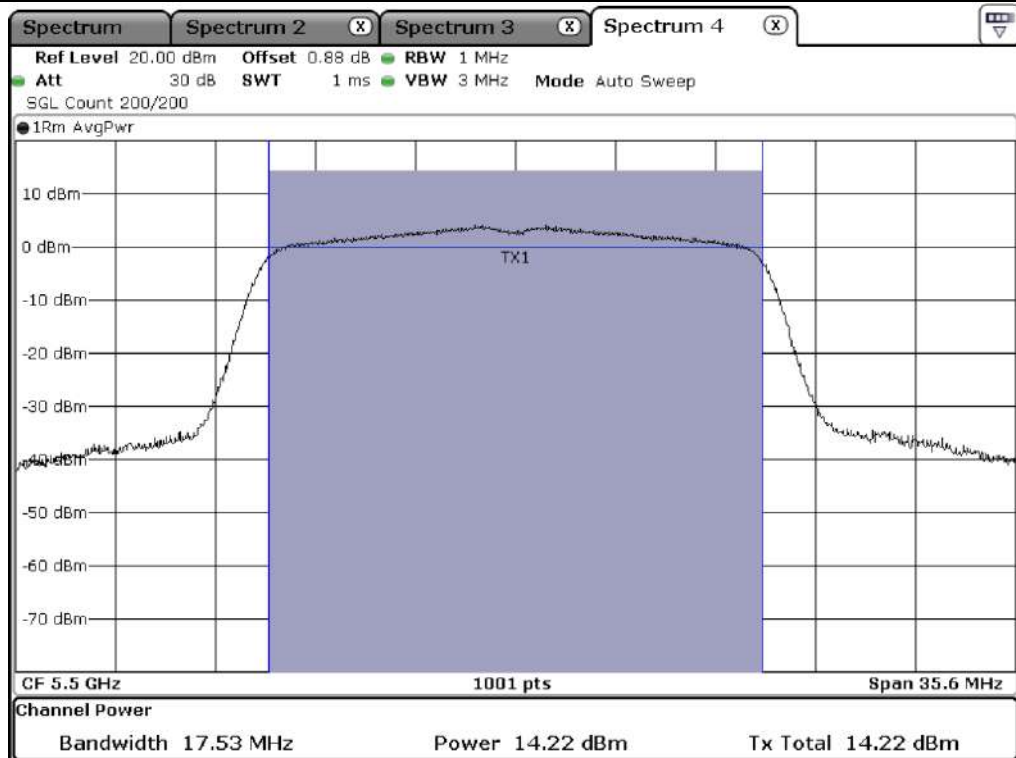


Low Channel @ 5 260 MHz

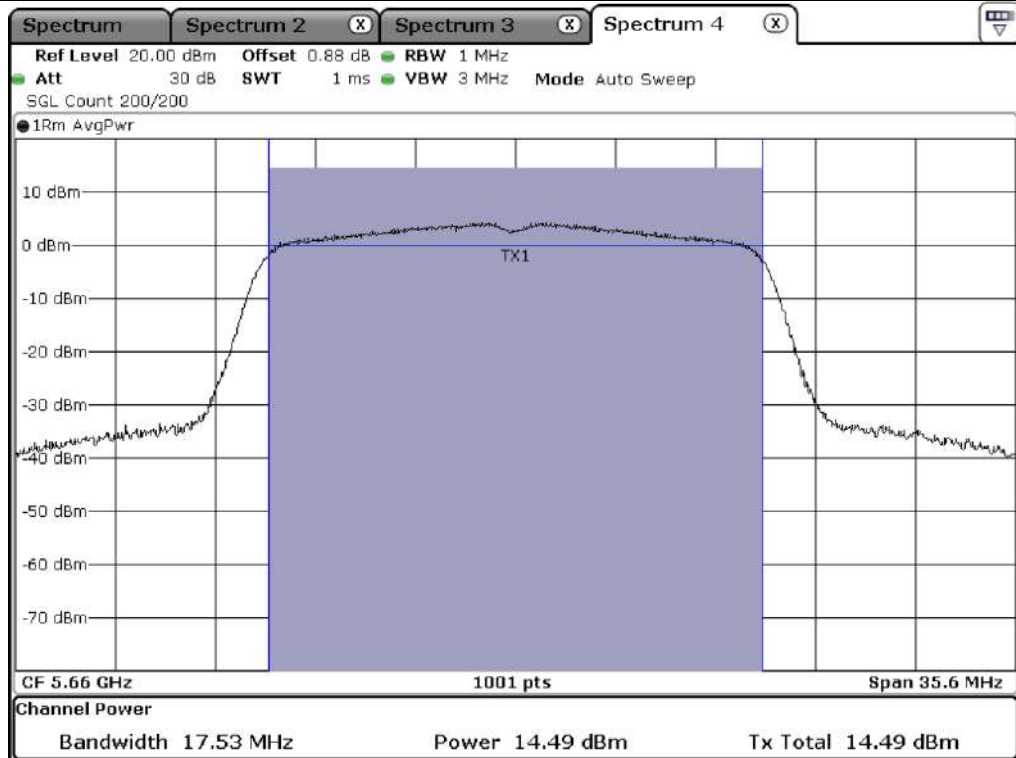


Middle Channel @ 5 300 MHz

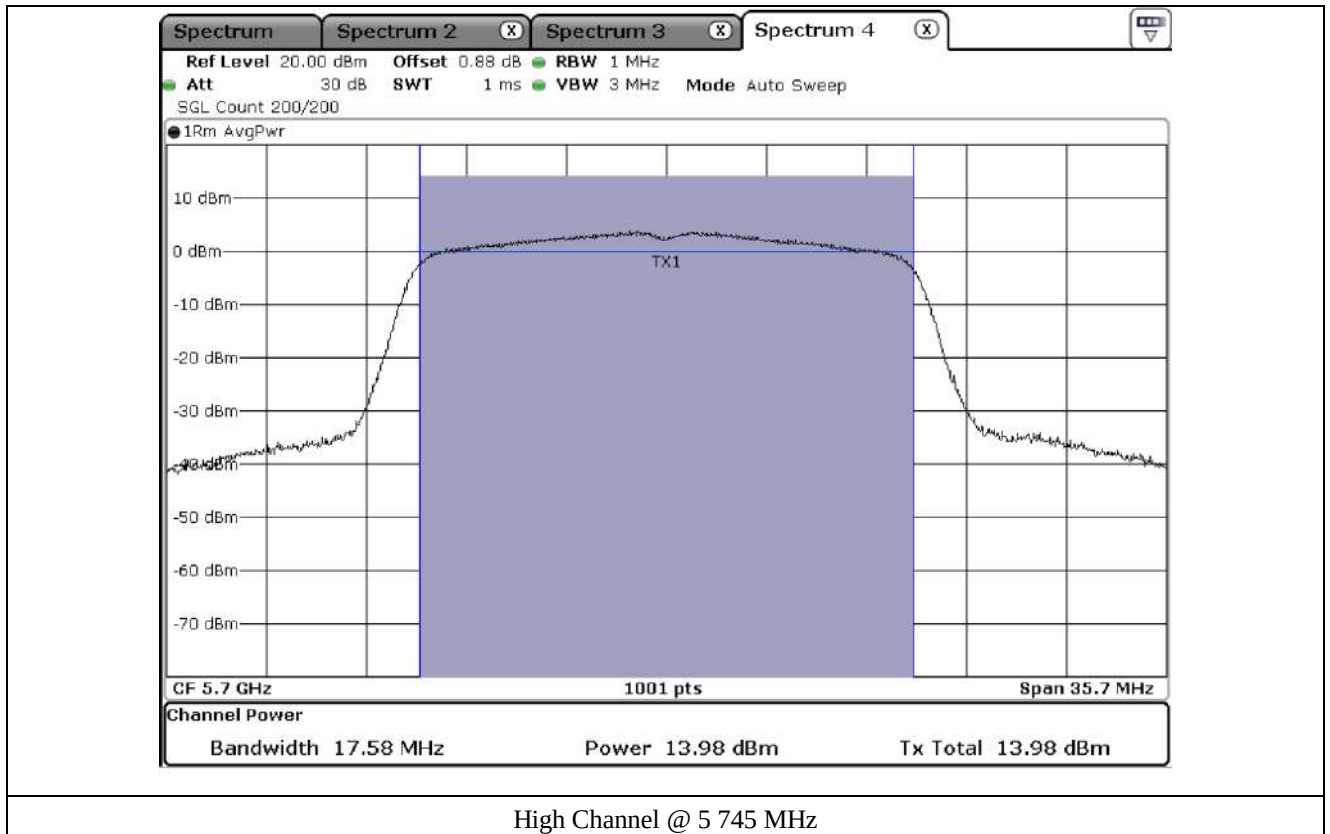


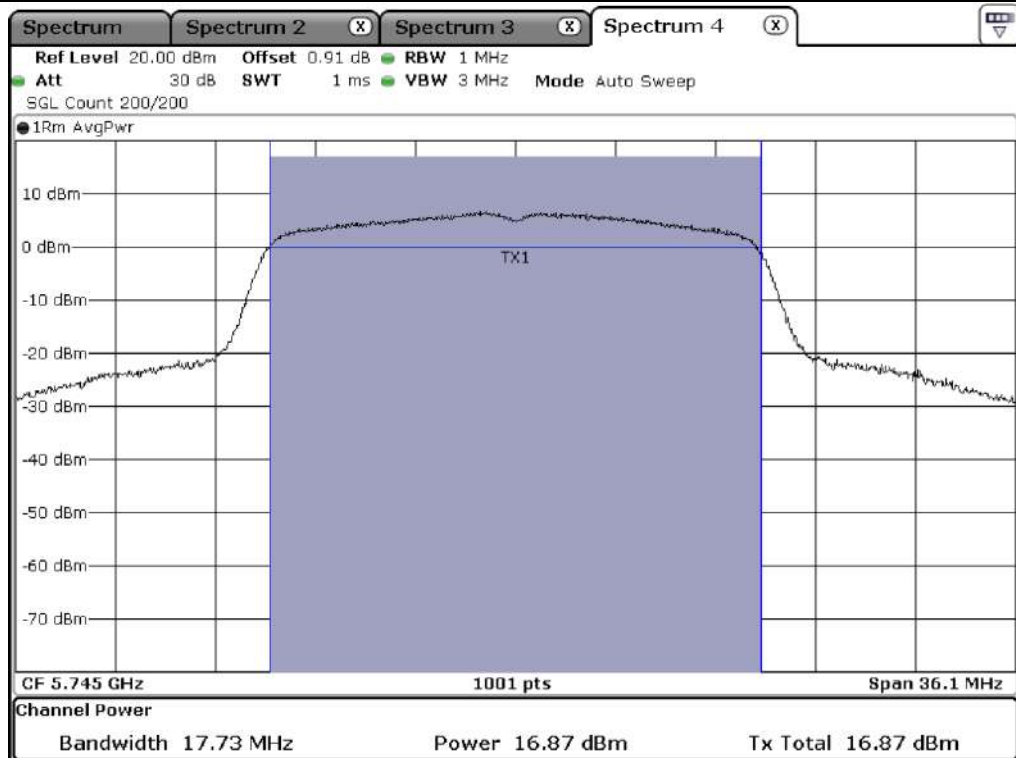


Low Channel @ 5 580 MHz

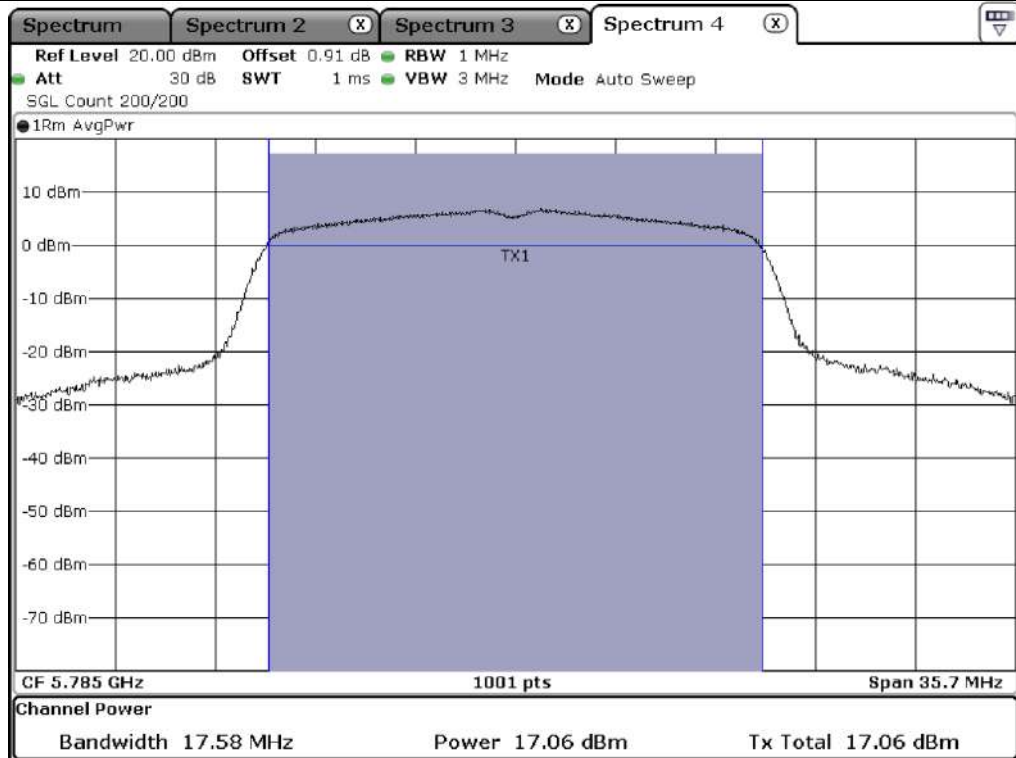


Middle Channel @ 5 700 MHz

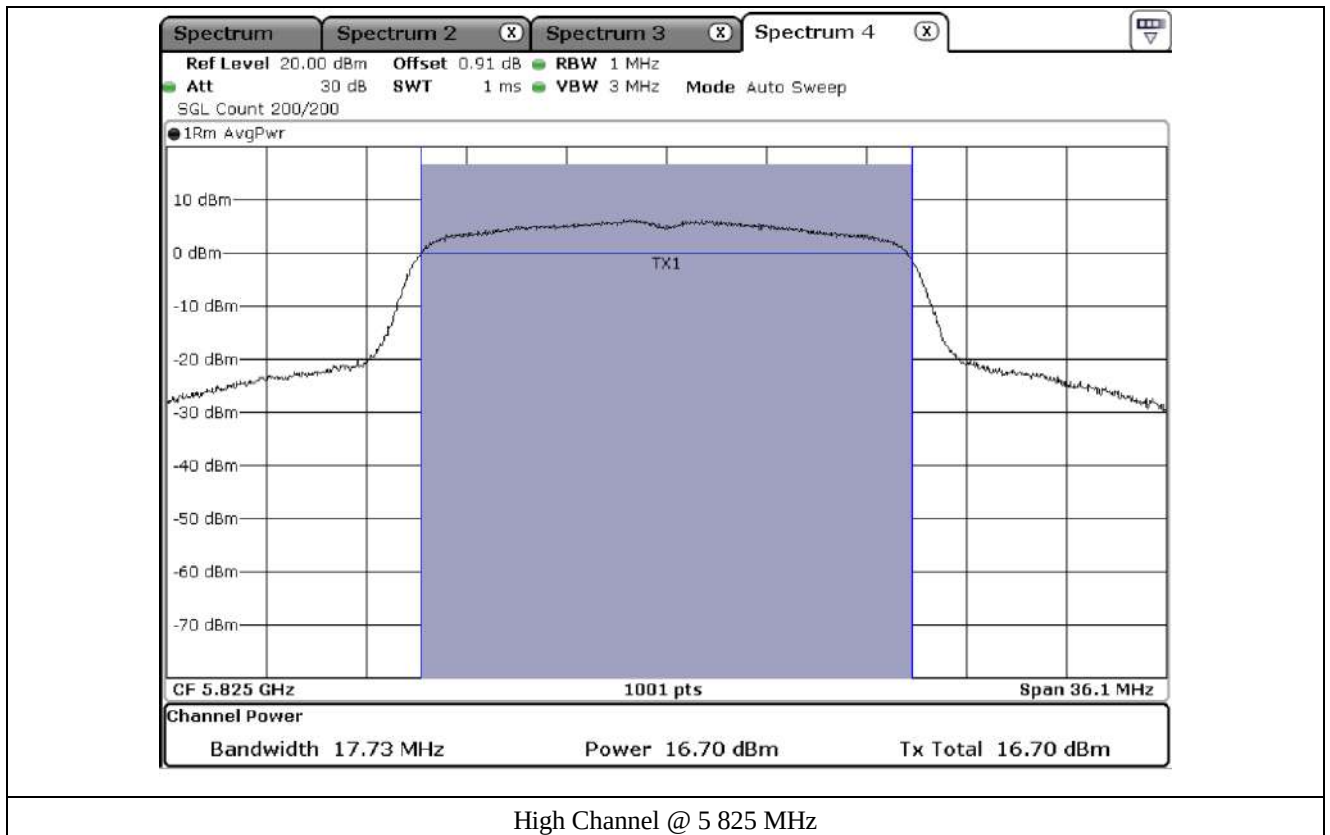




Low Channel @ 5 745 MHz



Middle Channel @ 5 785 MHz



9.5.3 Test data for Multiple Transmit

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	MEASURED VALUE (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Low	5 180.00	13.33	24.00	10.67
	Middle	5 220.00	13.66	24.00	10.34
	High	5 240.00	13.74	24.00	10.26
5 250 ~ 5 350	Low	5 260.00	17.21	24.00	6.79
	Middle	5 300.00	15.34	24.00	8.66
	High	5 320.00	15.41	24.00	8.59
5 470 ~ 5 725	Low	5 500.00	18.20	24.00	5.80
	Middle	5 580.00	17.98	24.00	6.02
	High	5 700.00	17.80	24.00	6.20
5 725 ~ 5 850	Low	5 745.00	20.80	30.00	9.20
	Middle	5 785.00	20.94	30.00	9.06
	High	5 825.00	20.69	30.00	9.31

Remark : Margin = Limit – Measured Value

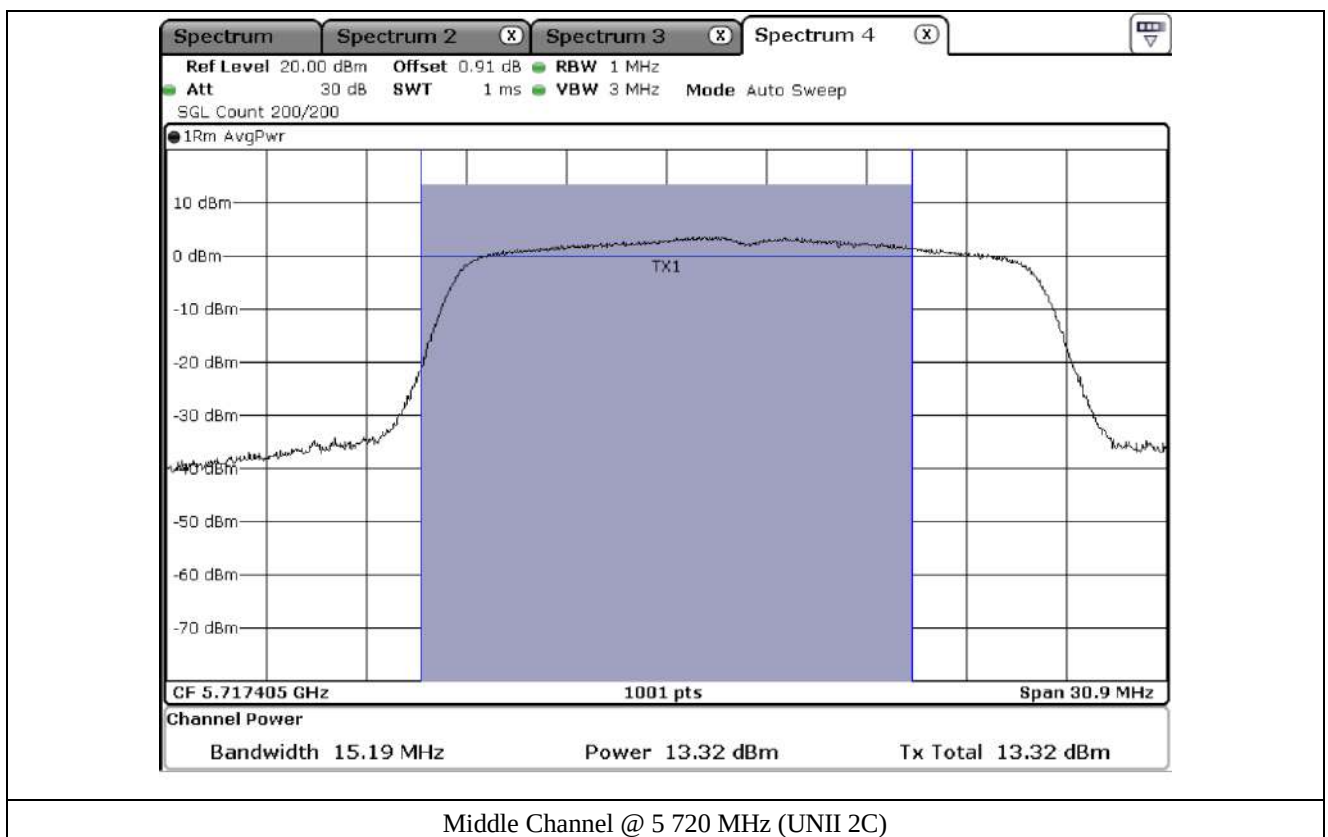
9.5.3 Test data for Staddle Channel_Antenna 0

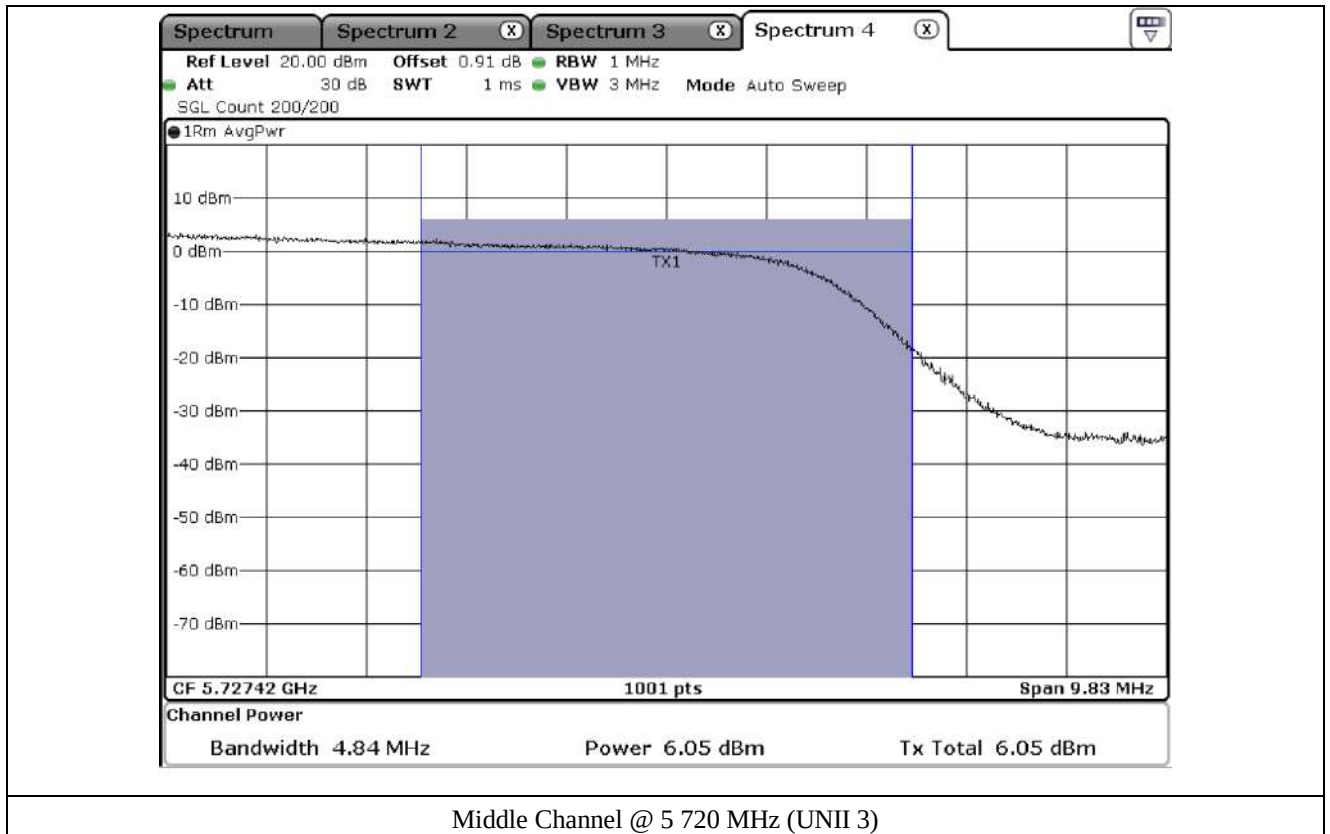
-. Test Result : Pass

-. Duty Cycle : 84.42 %

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	MEASURED VALUE (dBm)	Duty Factor (dB)	Total Value (dBm)	LIMIT (dBm)	MARGIN (dB)
5 470 ~ 5 725	Middle	5 720.00	13.32	0.74	14.06	24.00	9.94
5 725 ~ 5 850	Middle	5 720.00	6.05	0.74	6.79	30.00	23.21

Remark : Margin = Limit –Total Value (=Measured Value +Duty Factor)





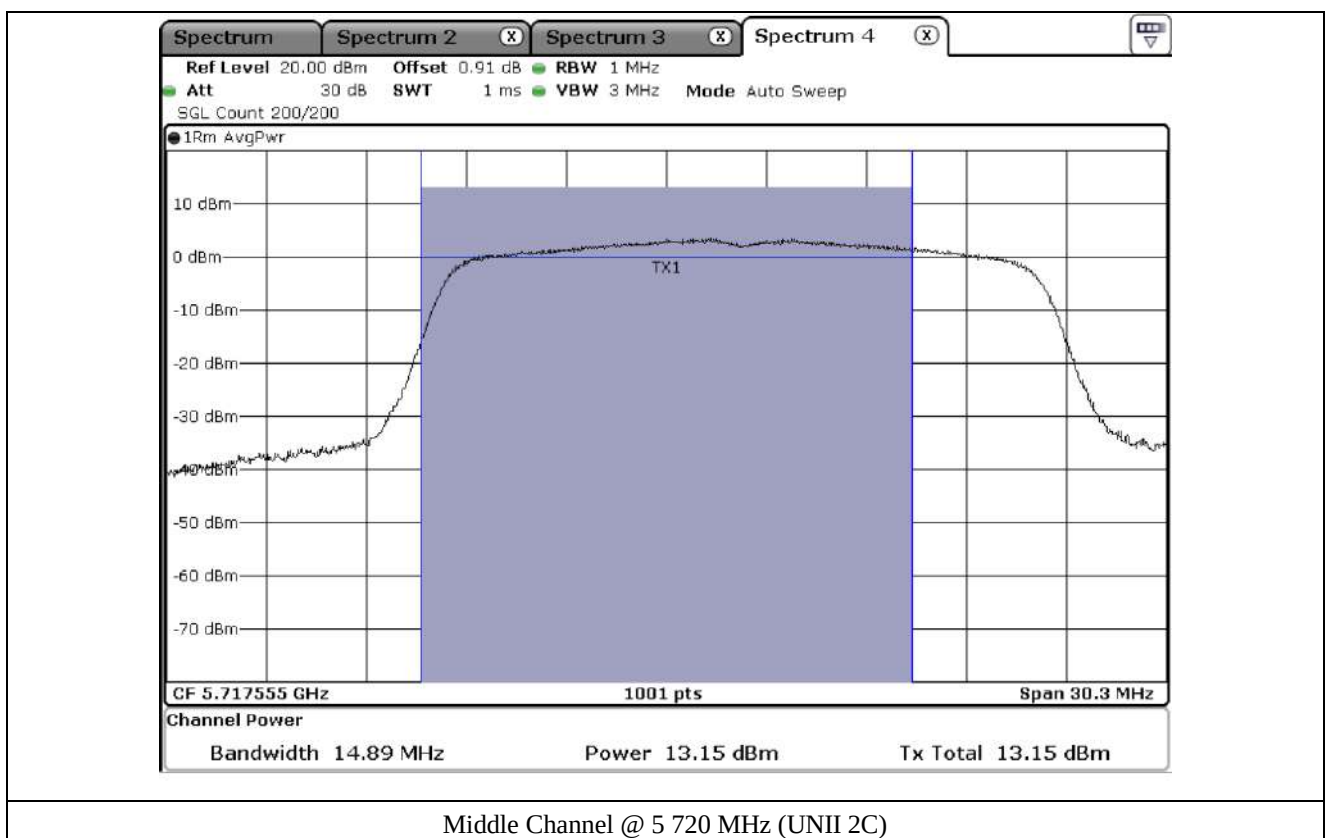
9.5.4 Test data for Staddle Channel_Antenna 1

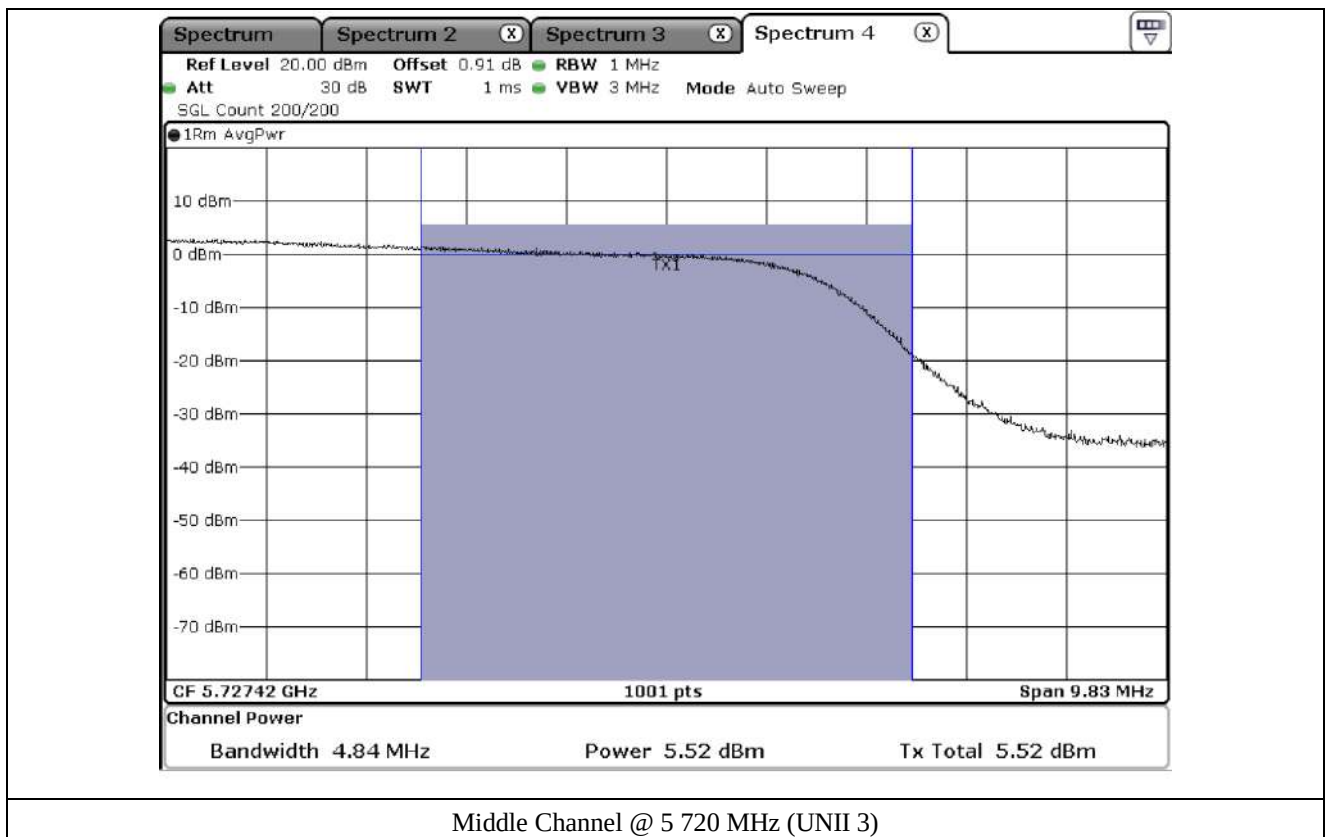
-. Test Result : Pass

-. Duty Cycle : 84.42 %

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	MEASURED VALUE (dBm)	Duty Factor (dB)	Total Value (dBm)	LIMIT (dBm)	MARGIN (dB)
5 470 ~ 5 725	Middle	5 720.00	13.15	0.74	13.89	24.00	10.11
5 725 ~ 5 850	Middle	5 720.00	5.52	0.74	6.26	30.00	23.74

Remark : Margin = Limit –Total Value (=Measured Value +Duty Factor)





9.5.6 Test data for Staddle Channel_Multiple Transmit

-. Test Result : Pass

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	MEASURED VALUE (dBm)	LIMIT (dBm)	MARGIN (dB)
5 470 ~ 5 725	Middle	5 720.00	16.99	24.00	7.01
5 725 ~ 5 850	Middle	5 720.00	9.54	30.00	20.46

Remark 1 : Margin = Limit – Measured Value (=Receiver Reading + Cable Loss)

Remark 2 : Calculated Output Power= $10\log(10^{(\text{Antenna1 Output Power}/10)} + 10^{(\text{Antenna2 Output Power}/10)})$

9.6 Test data for 802.11n_HT40 RLAN Mode

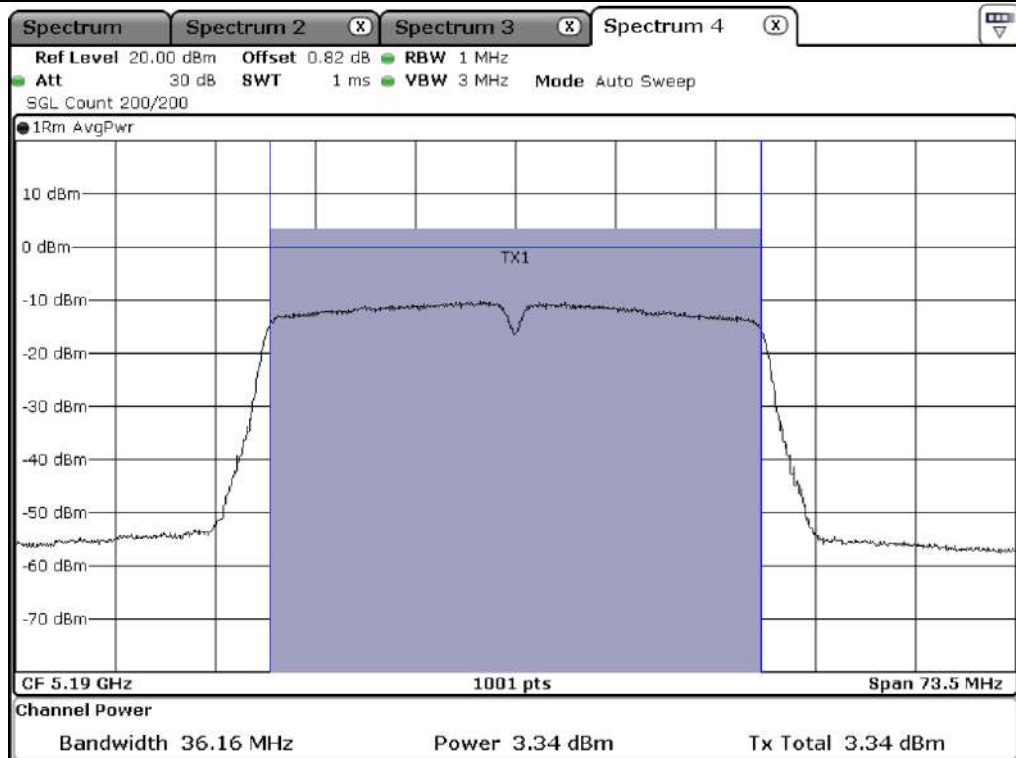
9.6.1 Test data for Antenna 0

-. Test Result : Pass

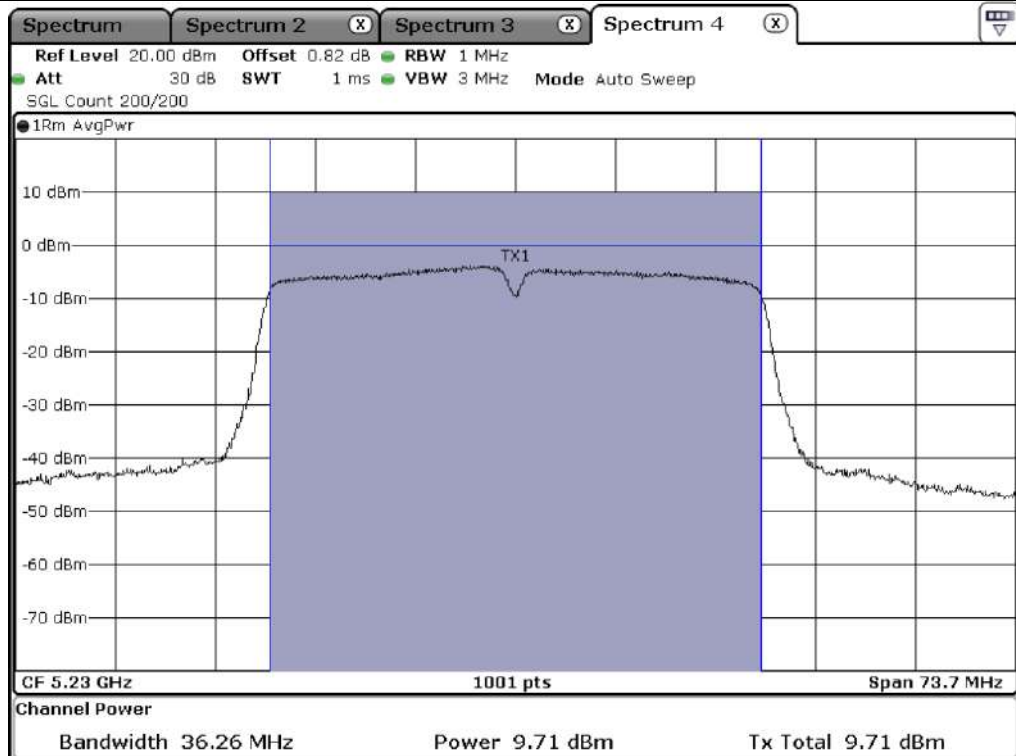
-. Duty Cycle : 73.33 % (UNII 1) / 73.33 % (UNII 2A) / 73.33 % (UNII 2C) / 71.11 % (UNII 3)

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	MEASURED VALUE (dBm)	Duty Factor (dB)	Total Value (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Low	5 190.00	3.34	1.35	4.69	24.00	19.31
	High	5 230.00	9.71	1.35	11.06	24.00	12.94
5 250 ~ 5 350	Low	5 270.00	17.13	1.35	18.48	24.00	5.52
	High	5 310.00	4.88	1.35	6.23	24.00	17.77
5 470 ~ 5 725	Low	5 510.00	9.17	1.35	10.52	24.00	13.48
	Middle	5 550.00	14.58	1.35	15.93	24.00	8.07
	High	5 670.00	14.37	1.35	15.72	24.00	8.28
5 725 ~ 5 850	Low	5 755.00	14.57	1.48	16.05	30.00	13.95
	High	5 795.00	14.62	1.48	16.10	30.00	13.90

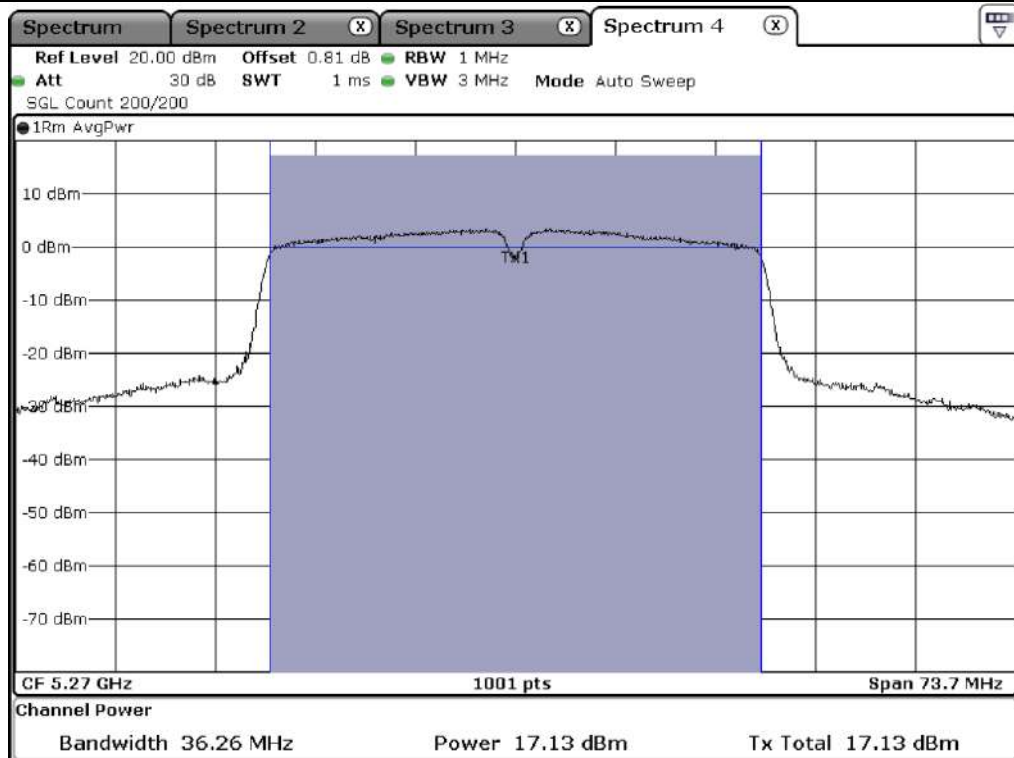
Remark : Margin = Limit –Total Value (=Measured Value +Duty Factor)



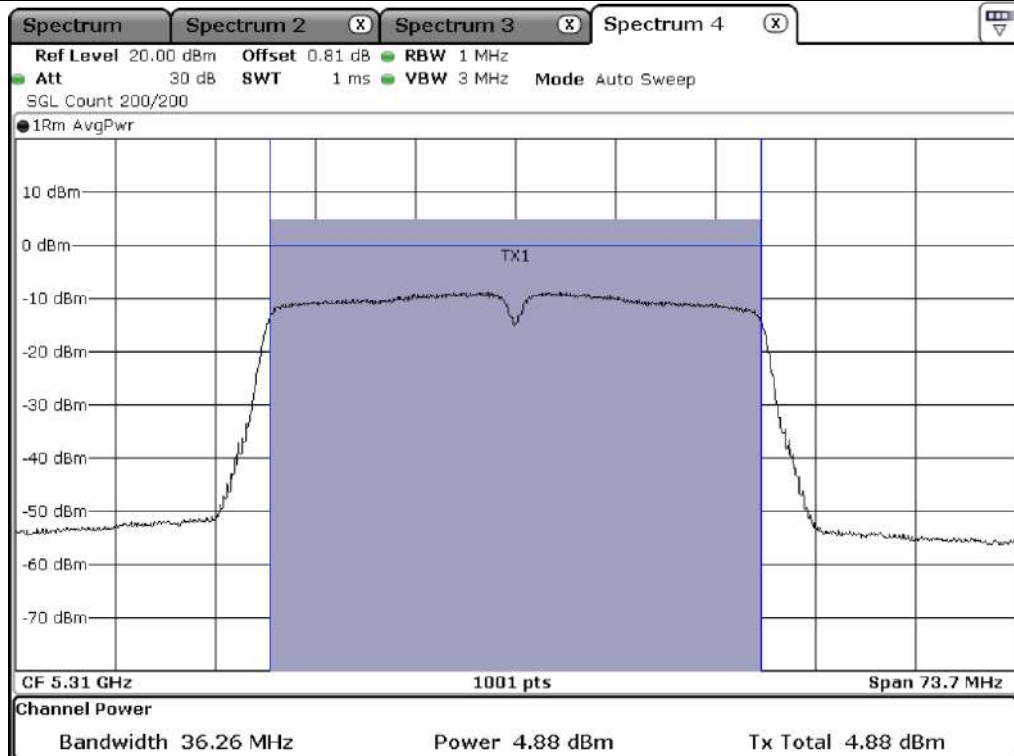
Low Channel @ 5 190 MHz



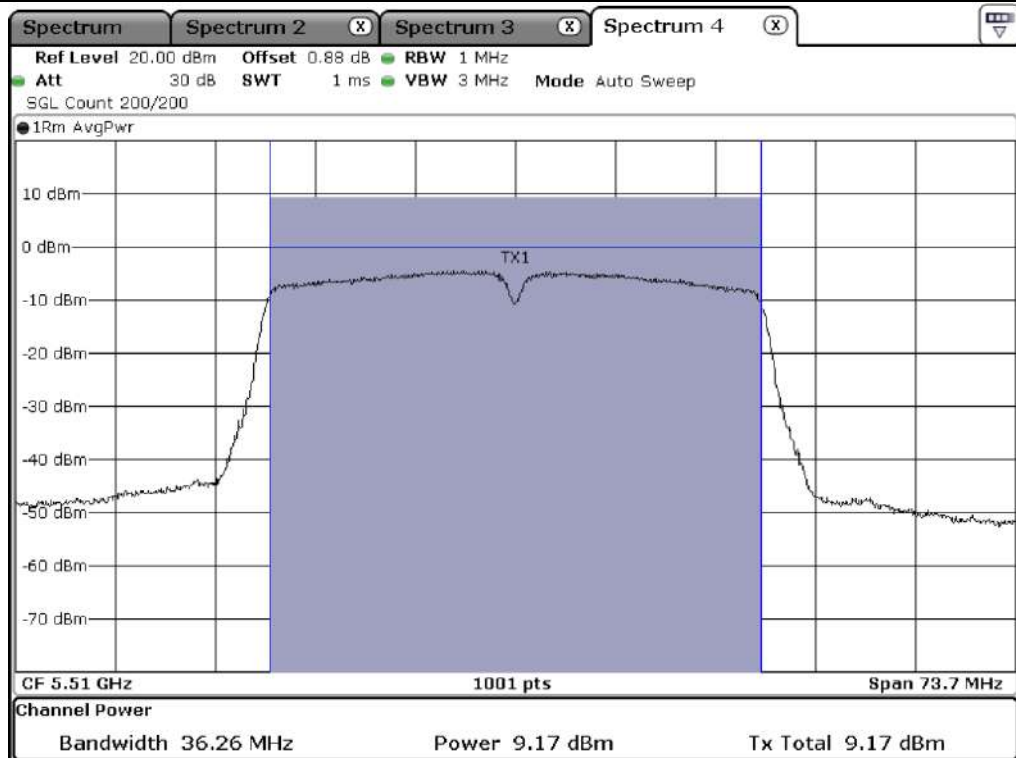
High Channel @ 5 230 MHz



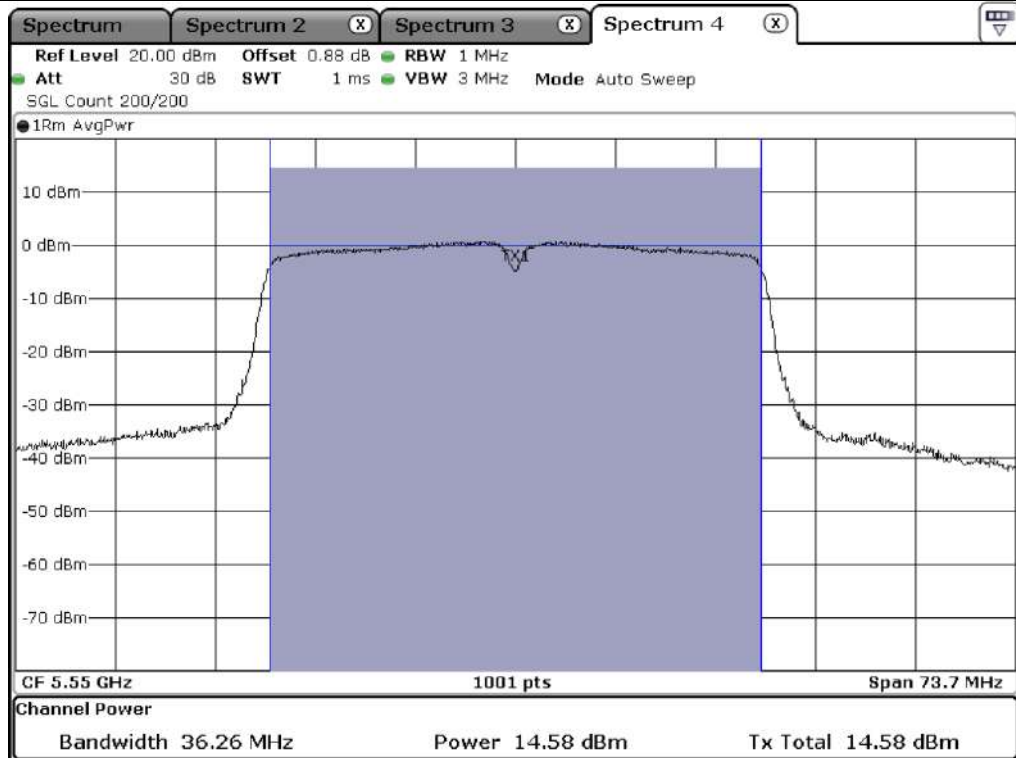
Low Channel @ 5 270 MHz



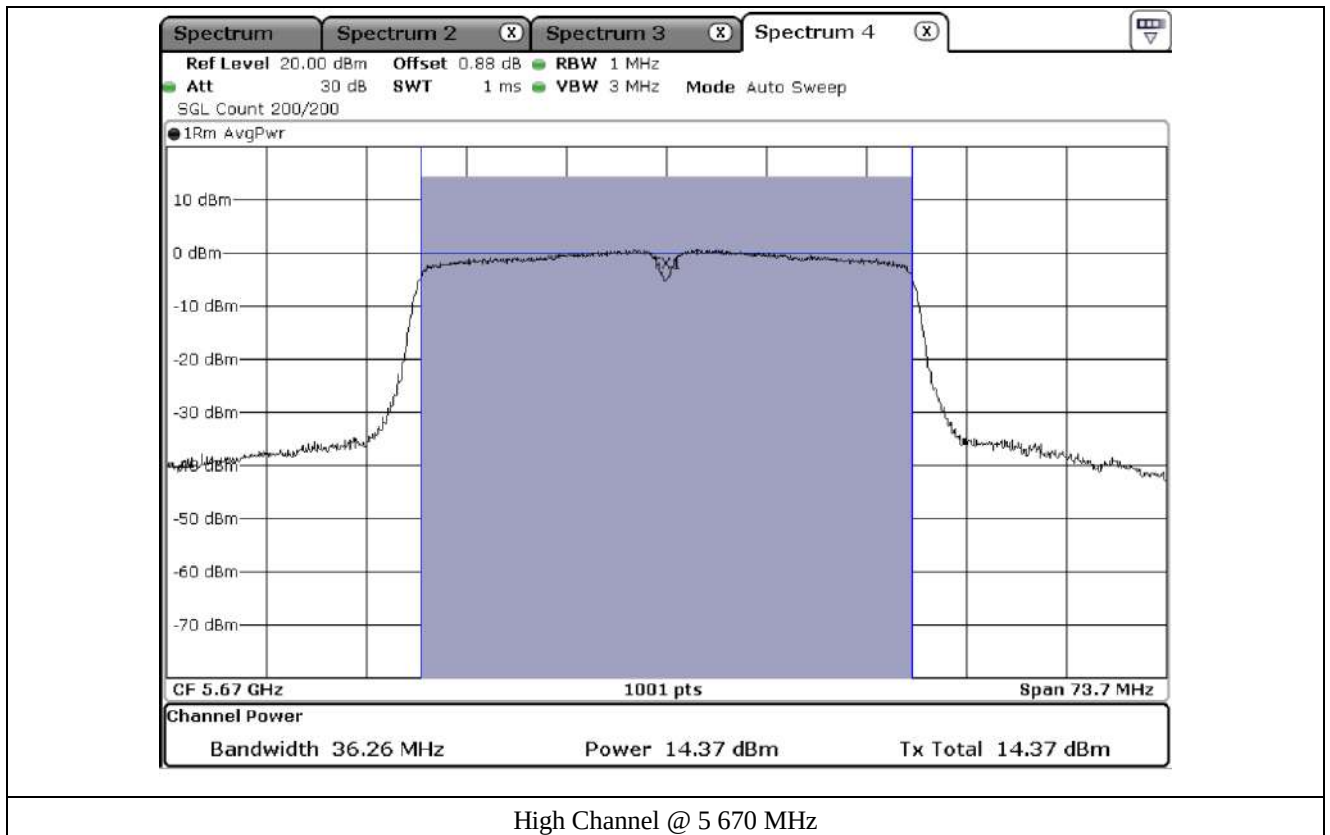
High Channel @ 5 310 MHz

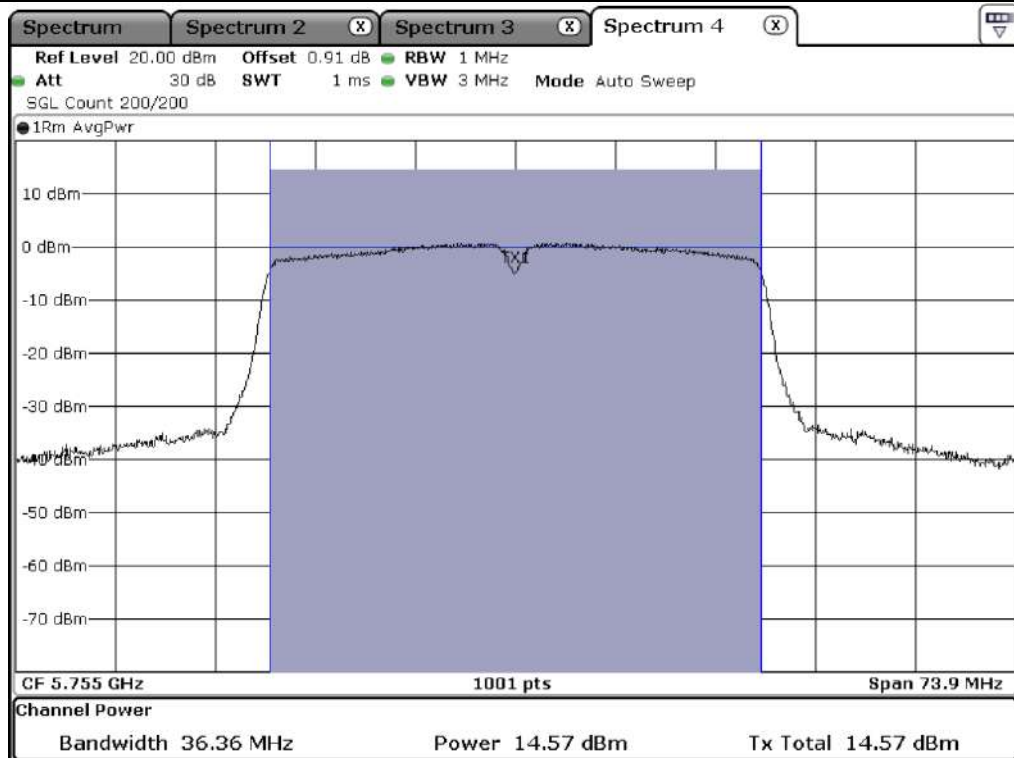


Low Channel @ 5 510 MHz

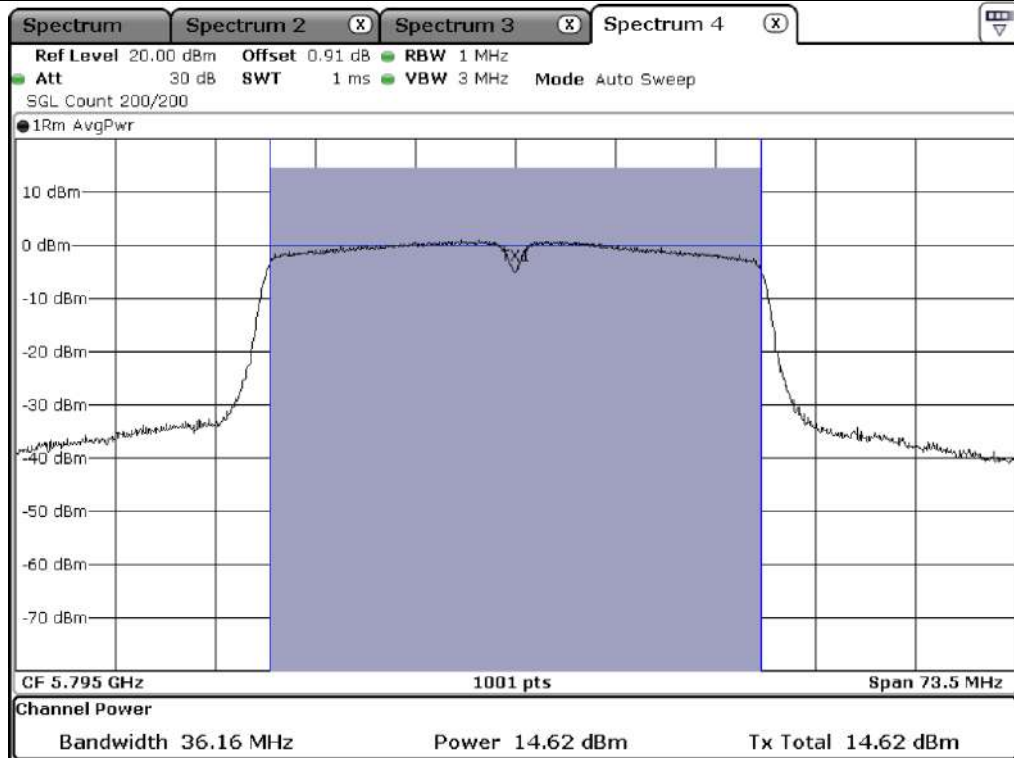


Middle Channel @ 5 550 MHz





Low Channel @ 5 755 MHz



High Channel @ 5 795 MHz

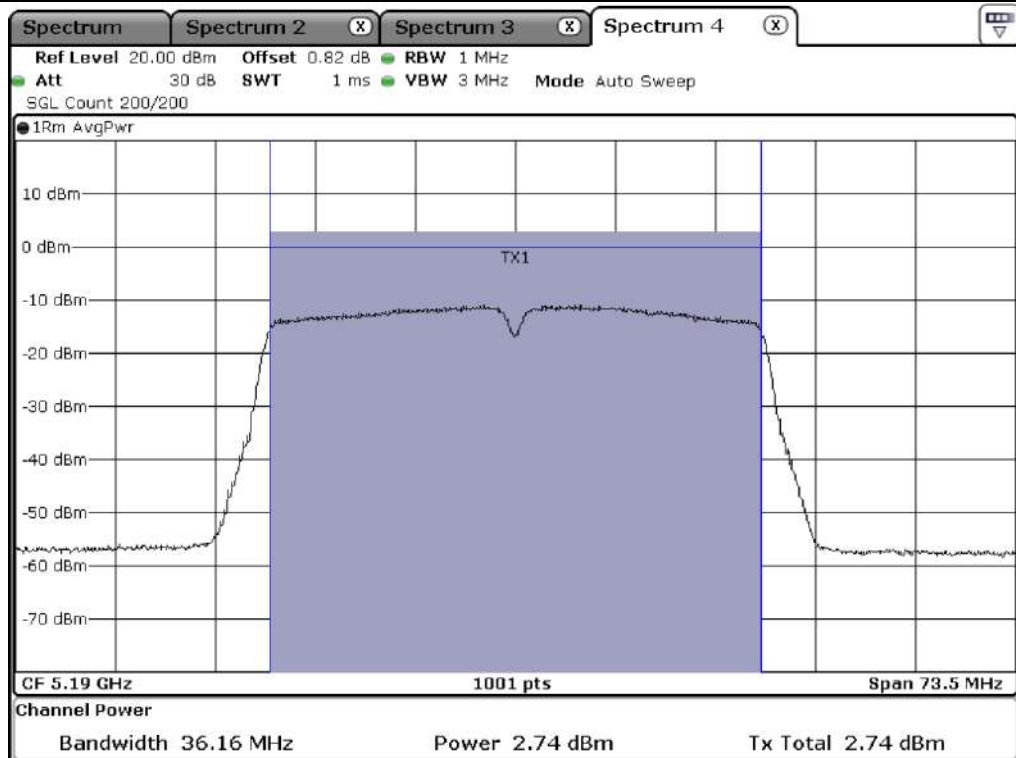
9.6.2 Test data for Antenna 1

-. Test Result : Pass

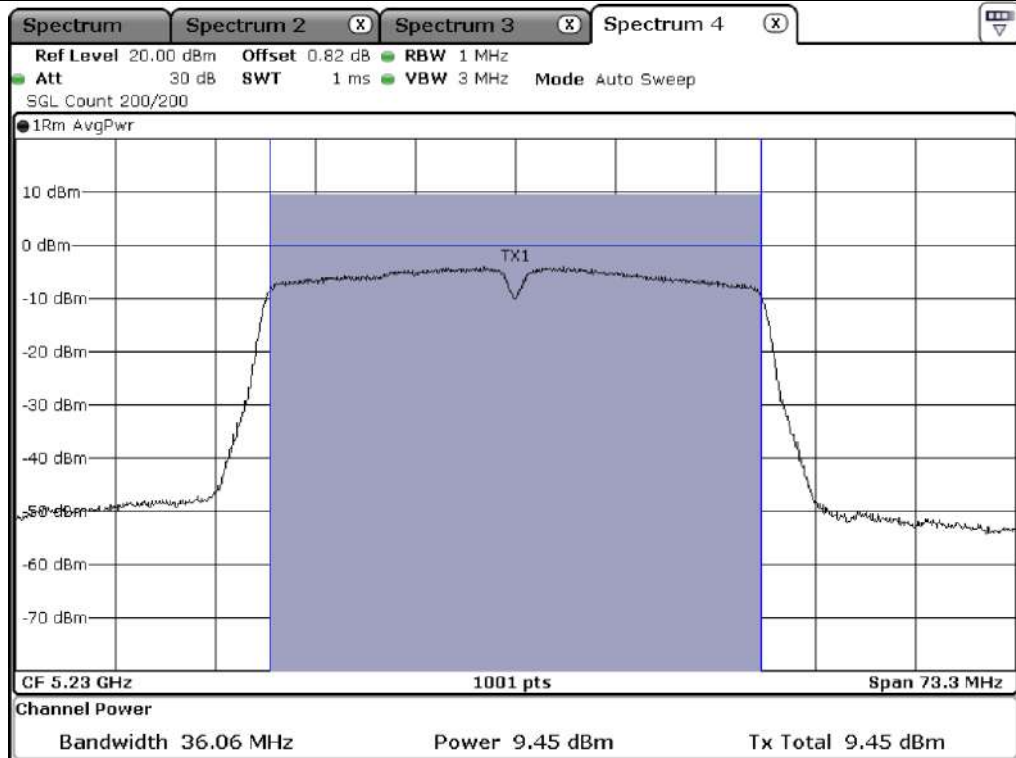
-. Duty Cycle : 70.45 % (UNII 1) / 73.33 % (UNII 2A) / 73.33 % (UNII 2C) / 75.00 % (UNII 3)

FREQUENCY RANGE (MHz)	CHANNEL	FREQUENCY (MHz)	MEASURED VALUE (dBm)	Duty Factor (dB)	Total Value (dBm)	LIMIT (dBm)	MARGIN (dB)
5 150 ~ 5 250	Low	5 190.00	2.74	1.52	4.26	24.00	19.74
	High	5 230.00	9.45	1.52	10.97	24.00	13.03
5 250 ~ 5 350	Low	5 270.00	15.80	1.35	17.15	24.00	6.85
	High	5 310.00	3.45	1.35	4.80	24.00	19.20
5 470 ~ 5 725	Low	5 510.00	8.66	1.35	10.01	24.00	13.99
	Middle	5 550.00	14.83	1.35	16.18	24.00	7.82
	High	5 670.00	14.82	1.35	16.17	24.00	7.83
5 725 ~ 5 850	Low	5 755.00	14.16	1.25	15.41	30.00	14.59
	High	5 795.00	14.35	1.25	15.60	30.00	14.40

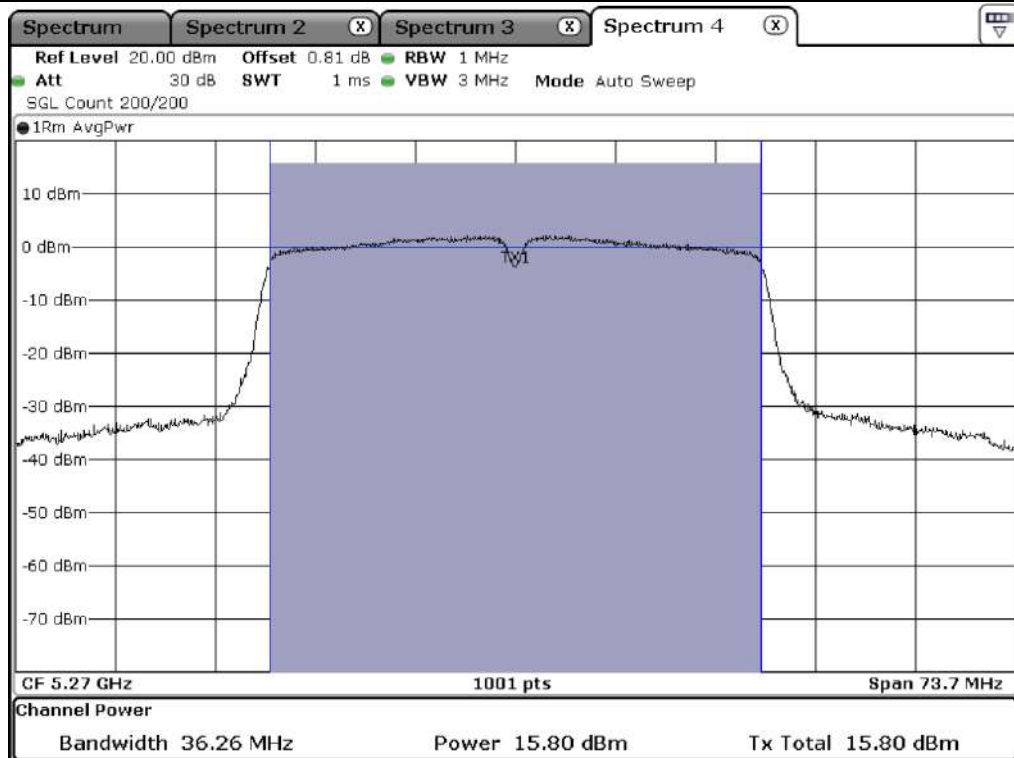
Remark : Margin = Limit –Total Value (=Measured Value +Duty Factor)



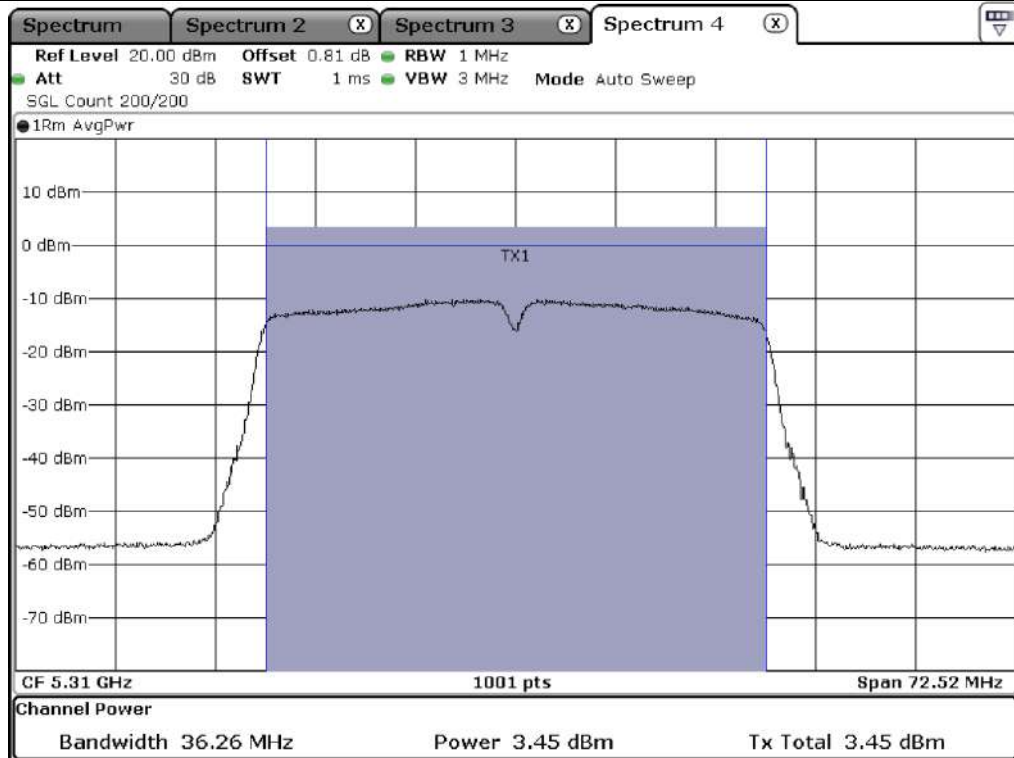
Low Channel @ 5 190 MHz



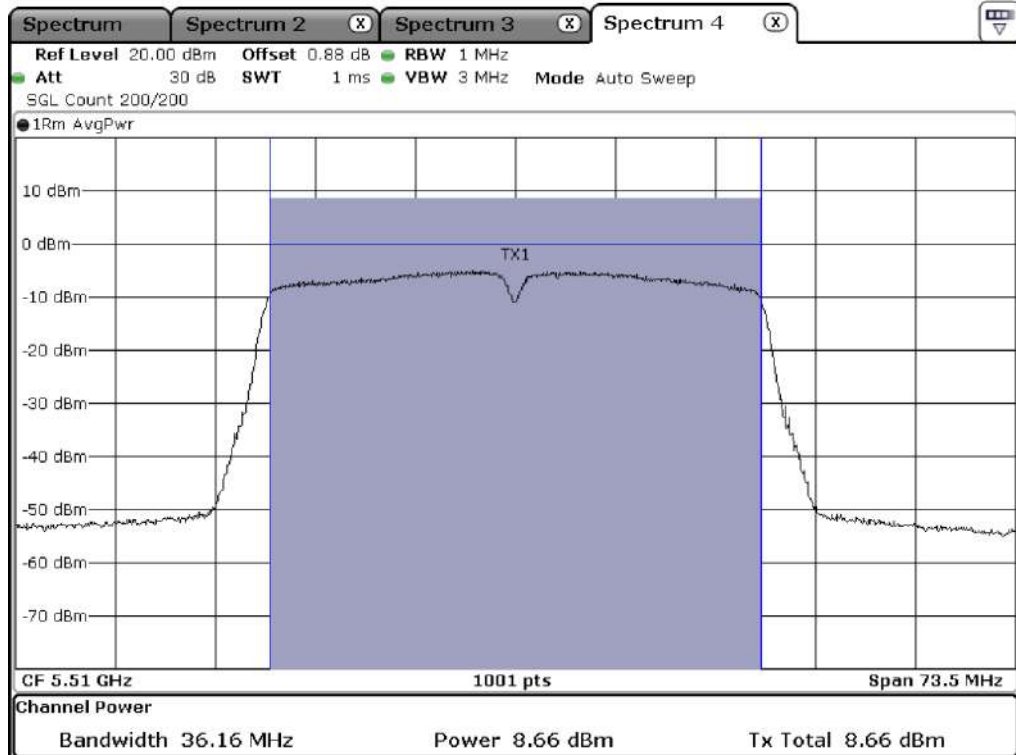
High Channel @ 5 230 MHz



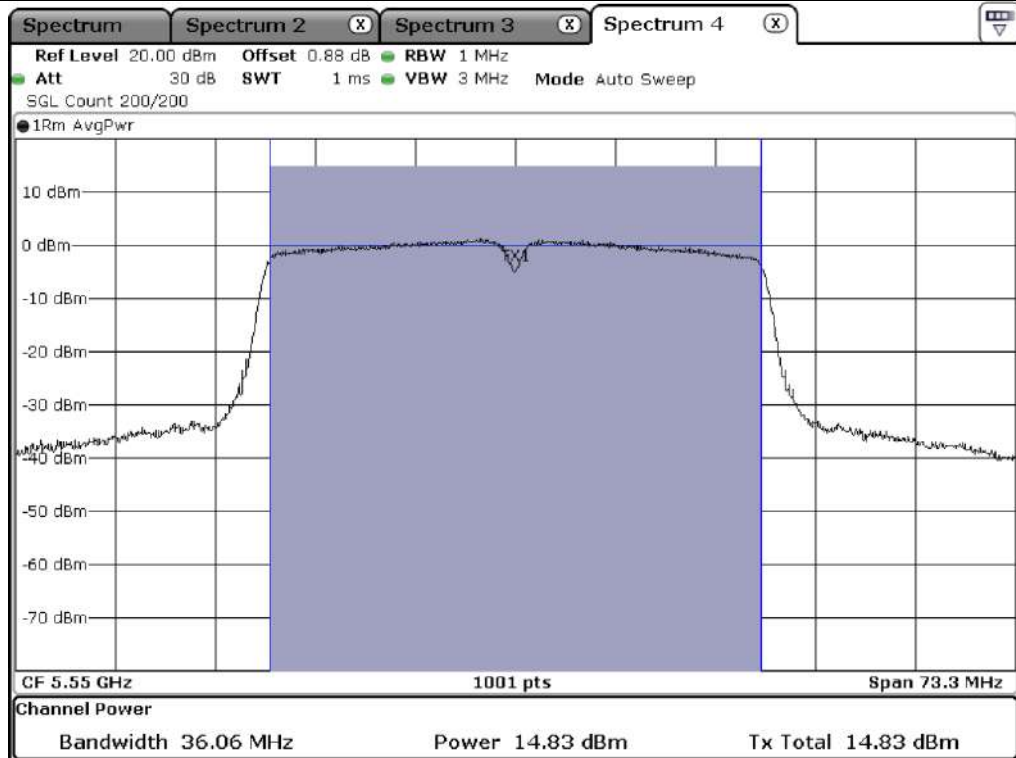
Low Channel @ 5 270 MHz



High Channel @ 5 310 MHz



Low Channel @ 5 510 MHz



Middle Channel @ 5 550 MHz

