

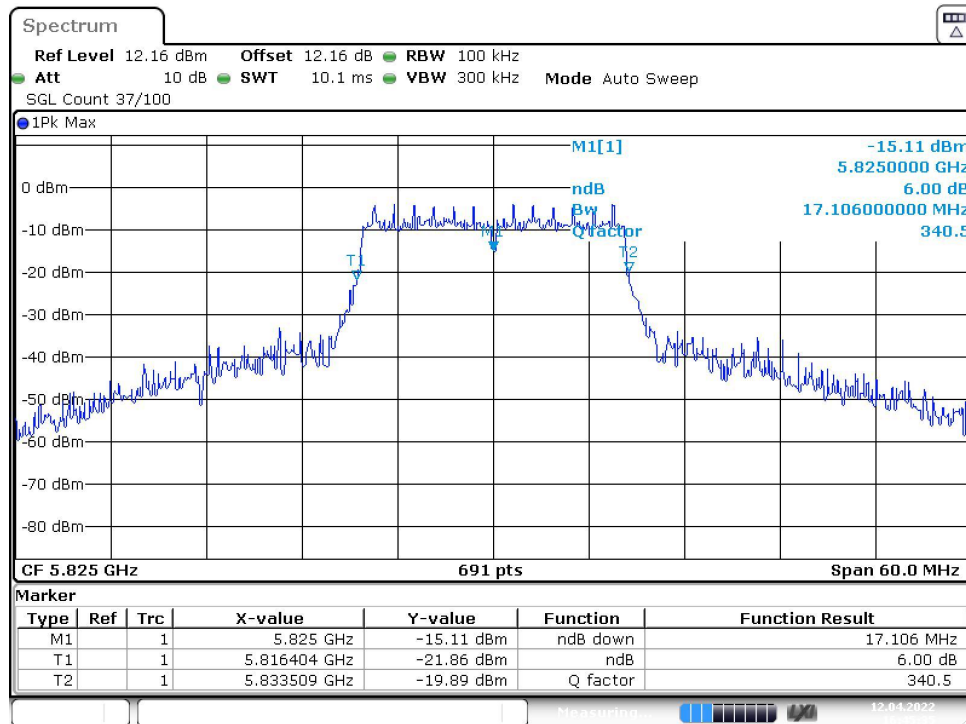


Fig. 23 Occupied 6dB Bandwidth (802.11a, 5825MHz)

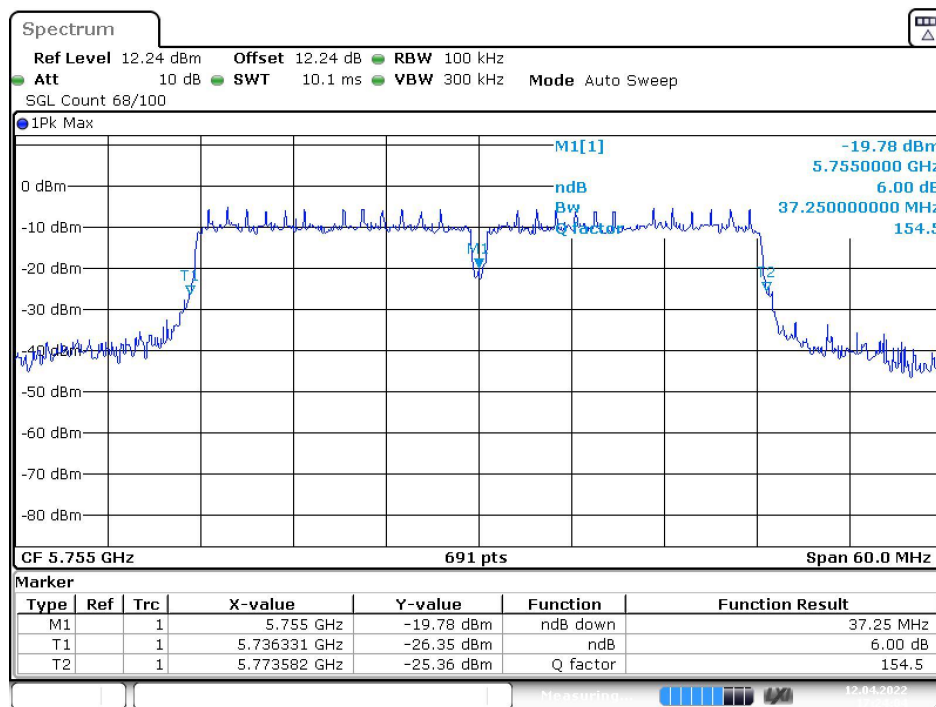
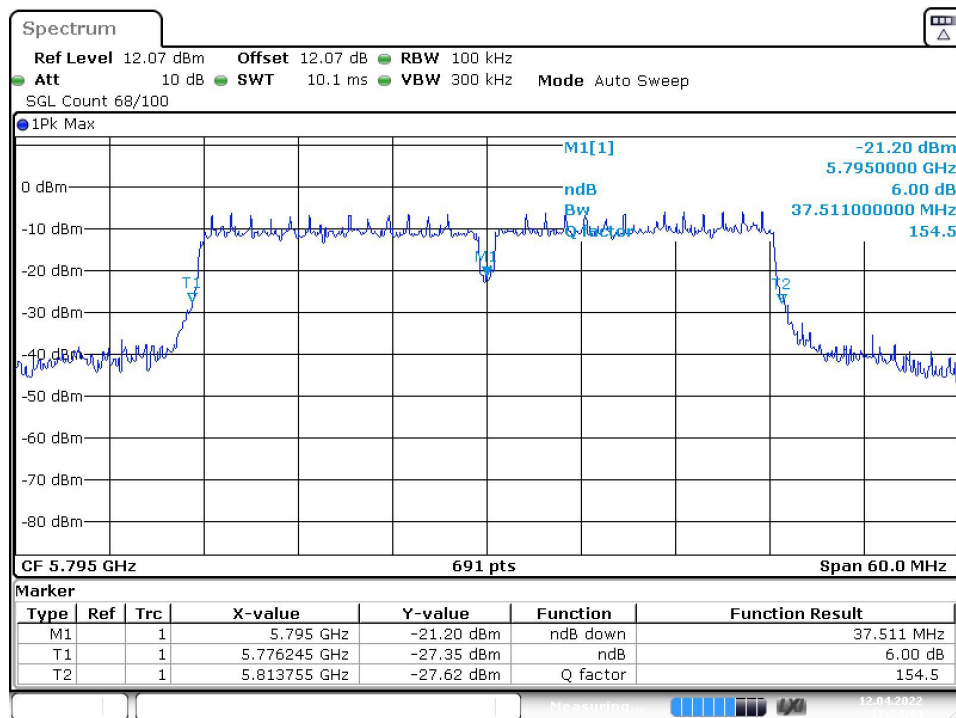
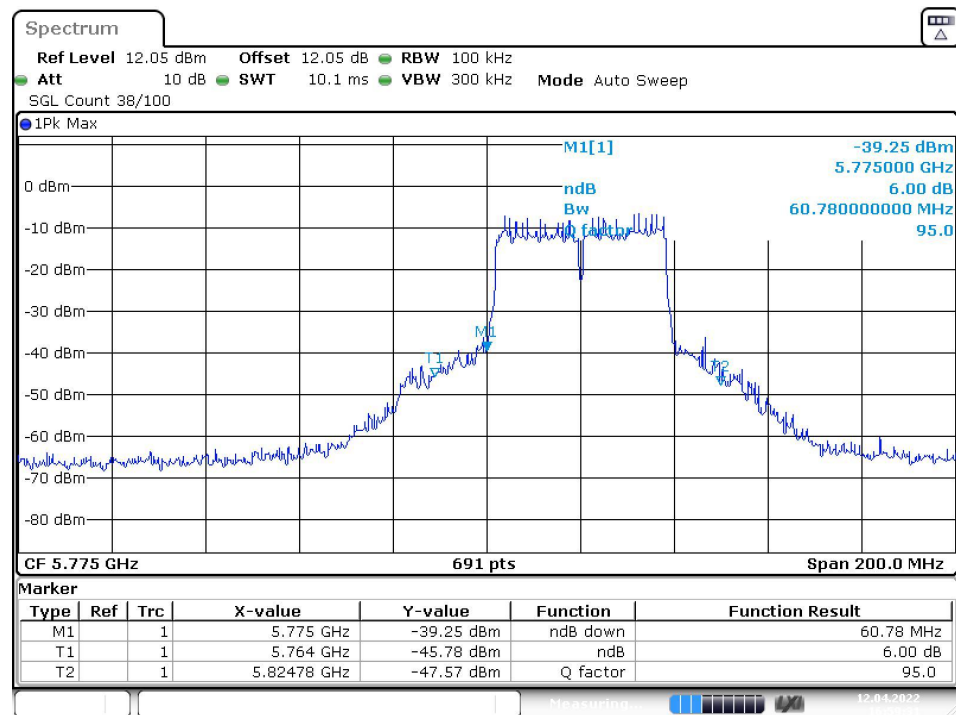


Fig. 24 Occupied 6dB Bandwidth (802.11n-HT40, 5755MHz)



Date: 12.APR.2022 17:24:44

Fig. 25 Occupied 6dB Bandwidth (802.11n-HT40, 5795MHz)



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Fig. 26 Occupied 6dB Bandwidth (802.11ac-VHT80, 5775MHz)

A.6. 99% Occupied Bandwidth (conducted)

Measurement Limit:

Standard	Limit (MHz)
FCC 47 CFR Part 15.403	/

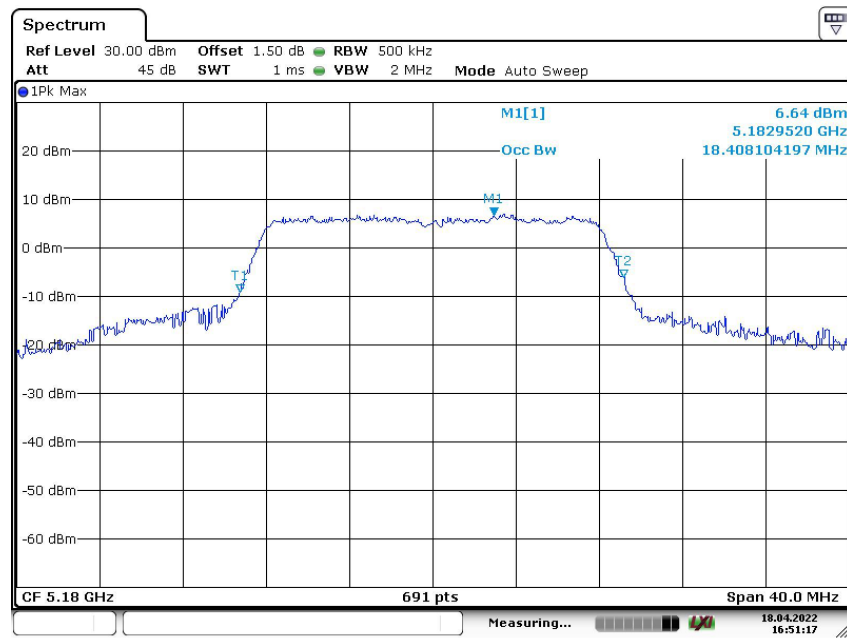
The measurement is made according to KDB 789033

Measurement Result:

Mode	Channel	99% Occupied Bandwidth(MHz)		Conclusion
802.11a	5180MHz(Ch36)	Fig.27	18.408	/
	5220MHz(Ch44)	Fig.28	18.003	/
	5240MHz(Ch48)	Fig.29	17.656	/
	5260MHz(Ch52)	Fig.30	17.598	/
	5280MHz(Ch56)	Fig.31	17.829	/
	5320MHz(Ch64)	Fig.32	18.003	/
	5500MHz(Ch100)	Fig.33	17.713	/
	5580MHz(Ch116)	Fig.34	17.713	/
	5700MHz(Ch140)	Fig.35	17.945	/
802.11n-HT40	5190MHz(Ch38)	Fig.36	36.469	/
	5230MHz(Ch46)	Fig.37	36.469	/
	5270MHz(Ch54)	Fig.38	36.469	/
	5310MHz(Ch62)	Fig.39	36.469	/
	5510MHz(Ch102)	Fig.40	36.469	/
	5550MHz(Ch110)	Fig.41	36.469	/
	5670MHz(Ch134)	Fig.42	36.469	/
802.11 ac-VHT80	5210MHz(Ch42)	Fig.43	75.716	/
	5290MHz(Ch58)	Fig.44	75.716	/
	5530MHz(Ch106)	Fig.45	75.716	/
	5610MHz(Ch122)	Fig.46	75.716	/

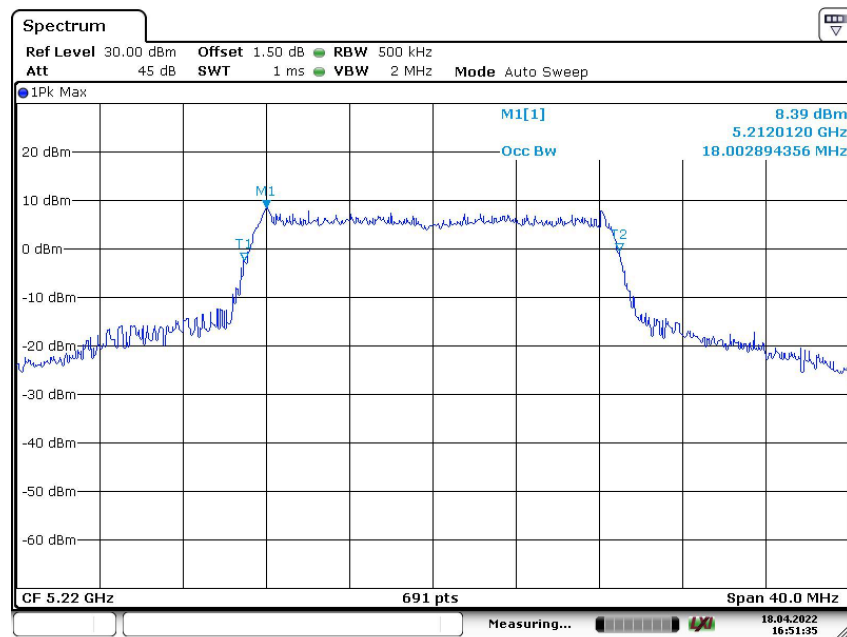
See below for test graphs.

Conclusion: PASS



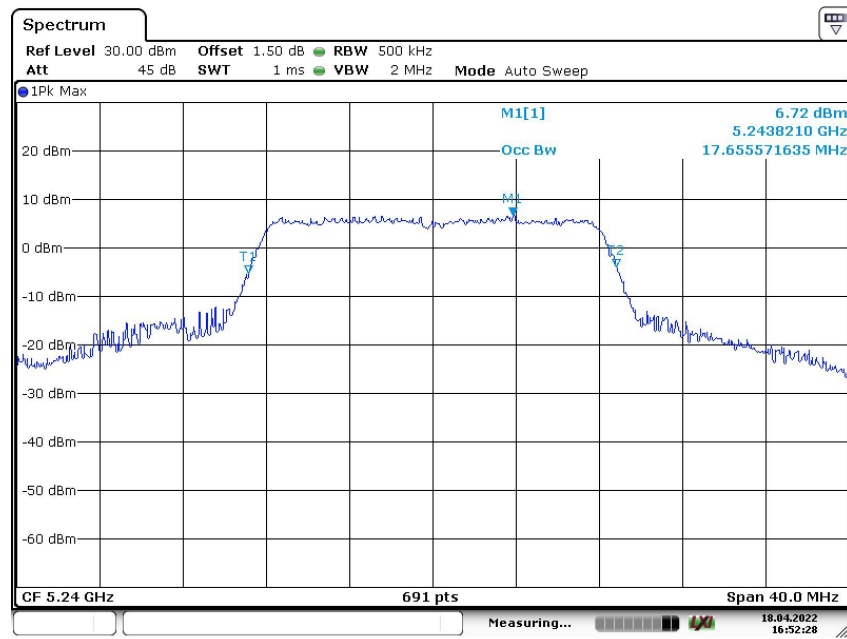
Date: 18.APR.2022 16:51:17

Fig. 27 99% Occupied Bandwidth (802.11a, 5180MHz)



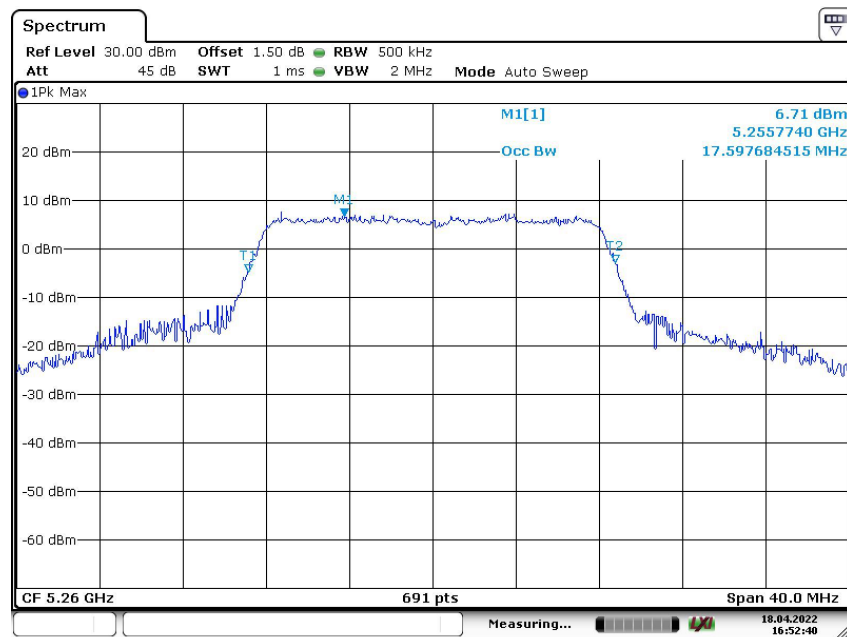
Date: 18.APR.2022 16:51:36

Fig. 28 99% Occupied Bandwidth (802.11a, 5220MHz)



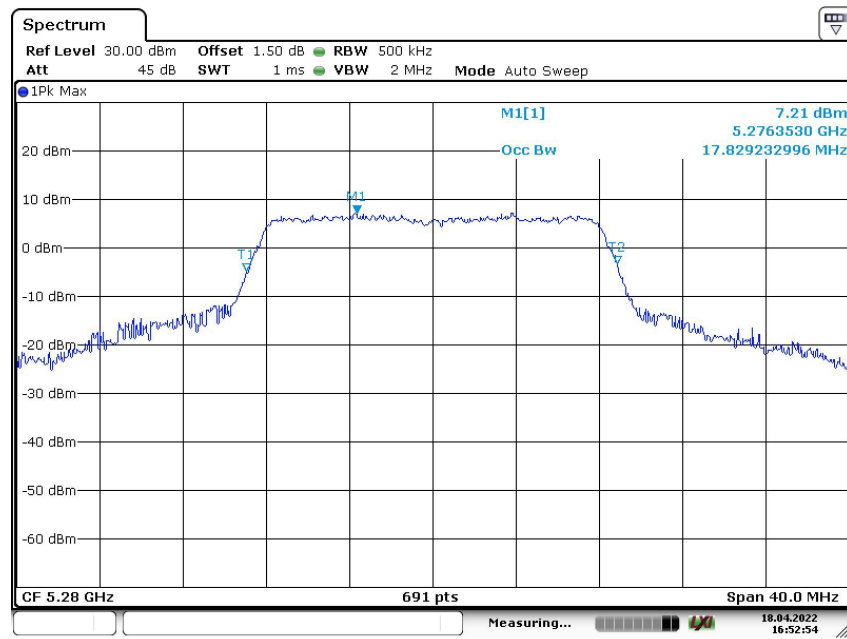
Date: 18.APR.2022 16:52:28

Fig. 29 99% Occupied Bandwidth (802.11a, 5240MHz)



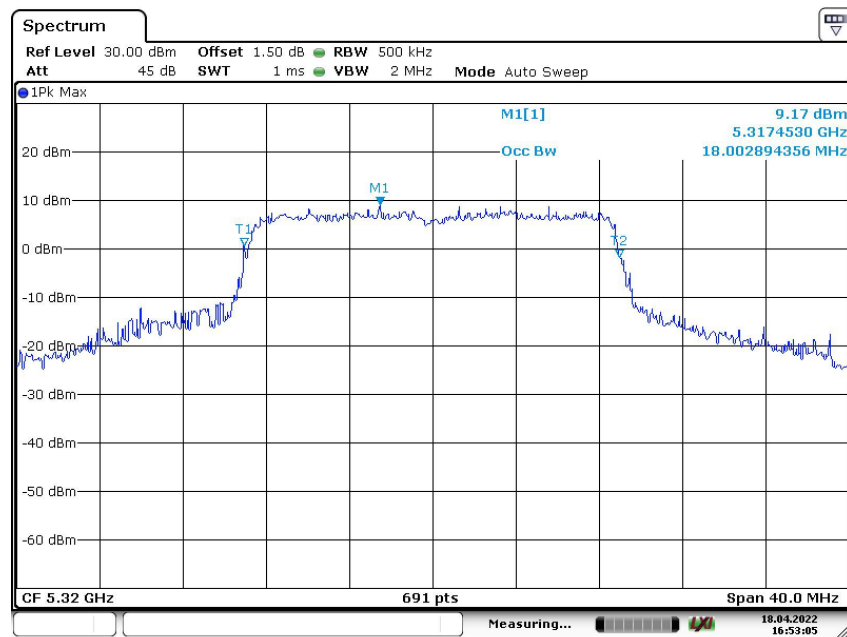
Date: 18.APR.2022 16:52:41

Fig. 30 99% Occupied Bandwidth (802.11a, 5260MHz)



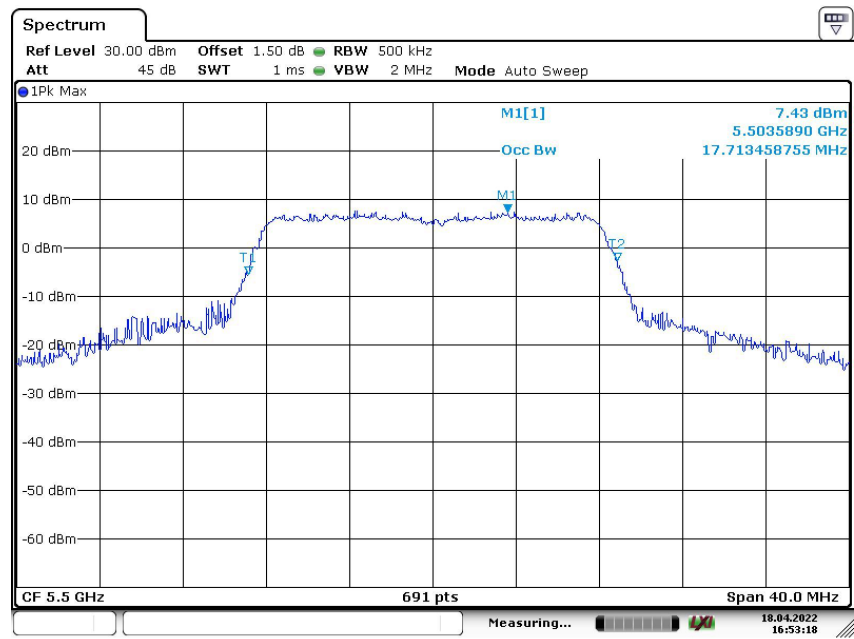
Date: 18.APR.2022 16:52:55

Fig. 31 99% Occupied Bandwidth (802.11a, 5280MHz)



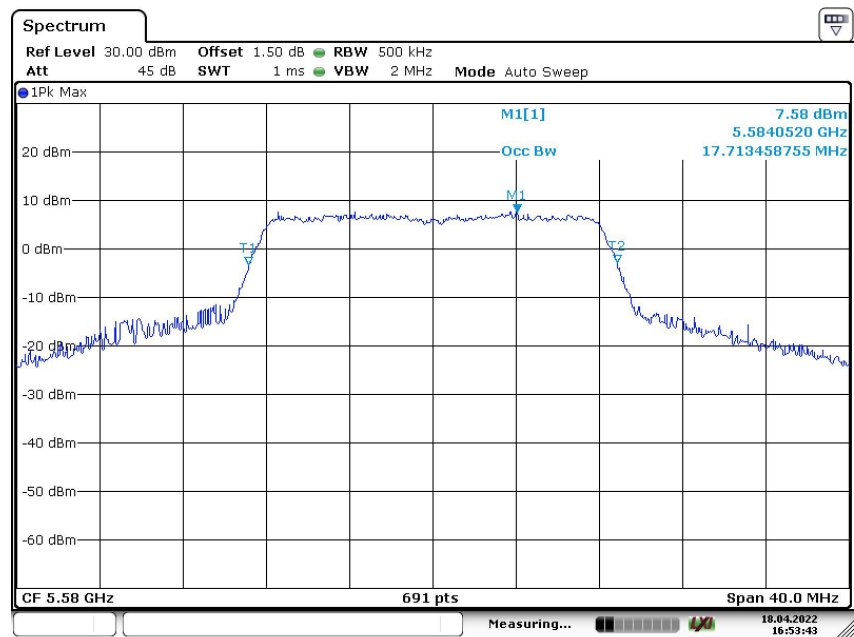
Date: 18.APR.2022 16:53:06

Fig. 32 99% Occupied Bandwidth (802.11a, 5320MHz)



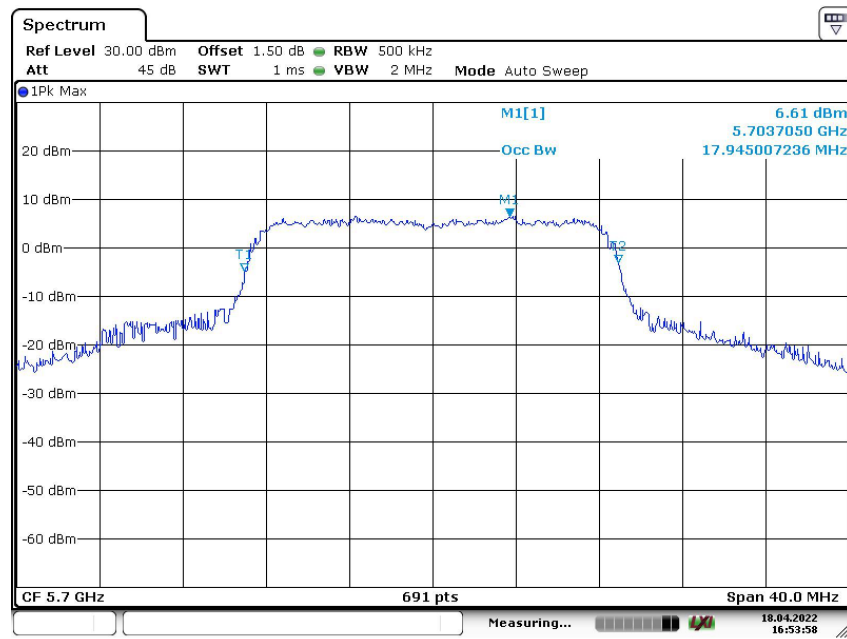
Date: 18.APR.2022 16:53:18

Fig. 33 99% Occupied Bandwidth (802.11a, 5500MHz)



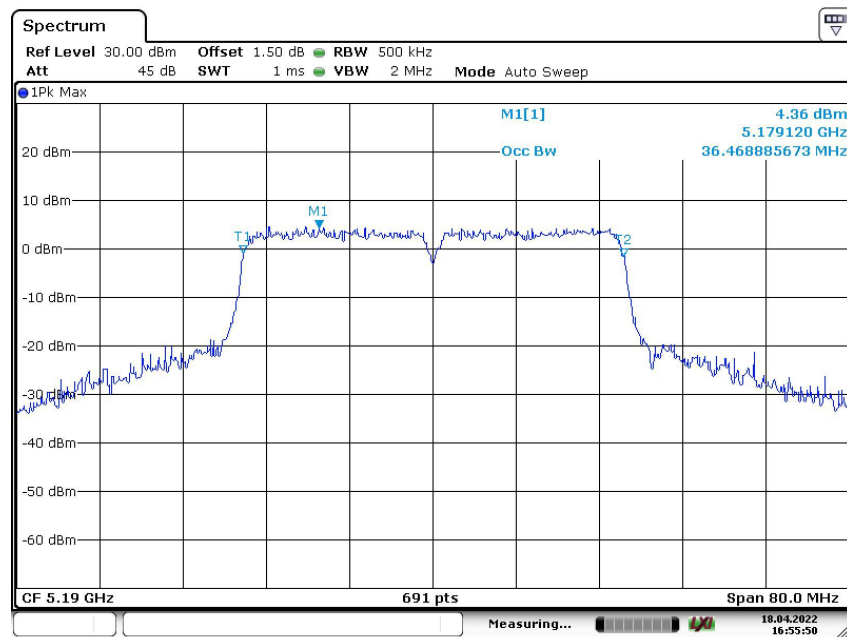
Date: 18.APR.2022 16:53:43

Fig. 34 99% Occupied Bandwidth (802.11a, 5580MHz)



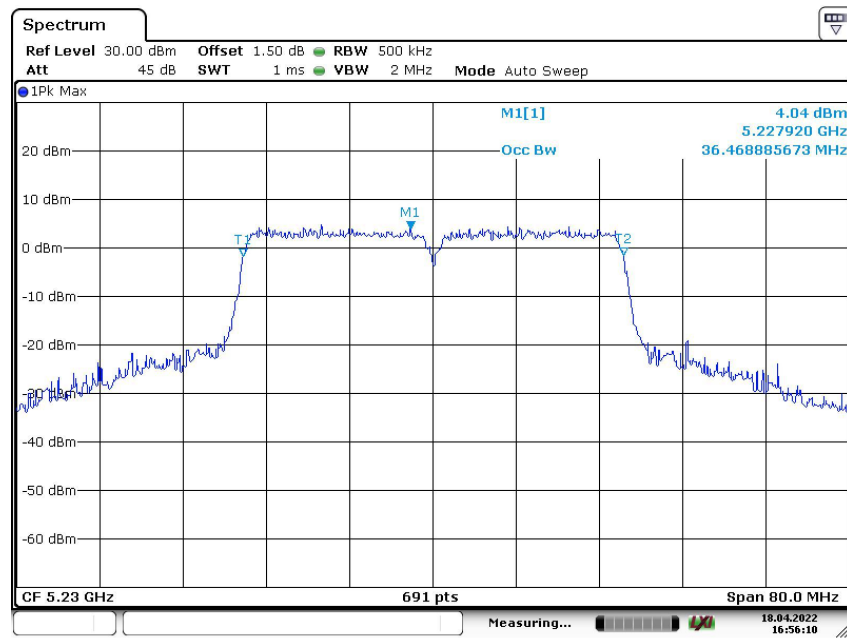
Date: 18.APR.2022 16:53:59

Fig. 35 99% Occupied Bandwidth (802.11a, 5700MHz)



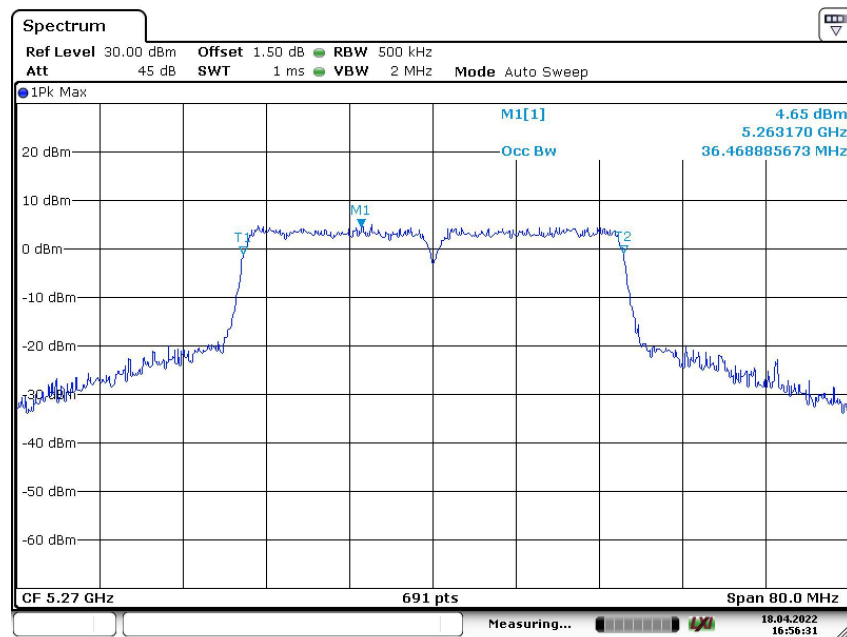
Date: 18.APR.2022 16:55:50

Fig. 36 99% Occupied Bandwidth (802.11n-HT40, 5190MHz)



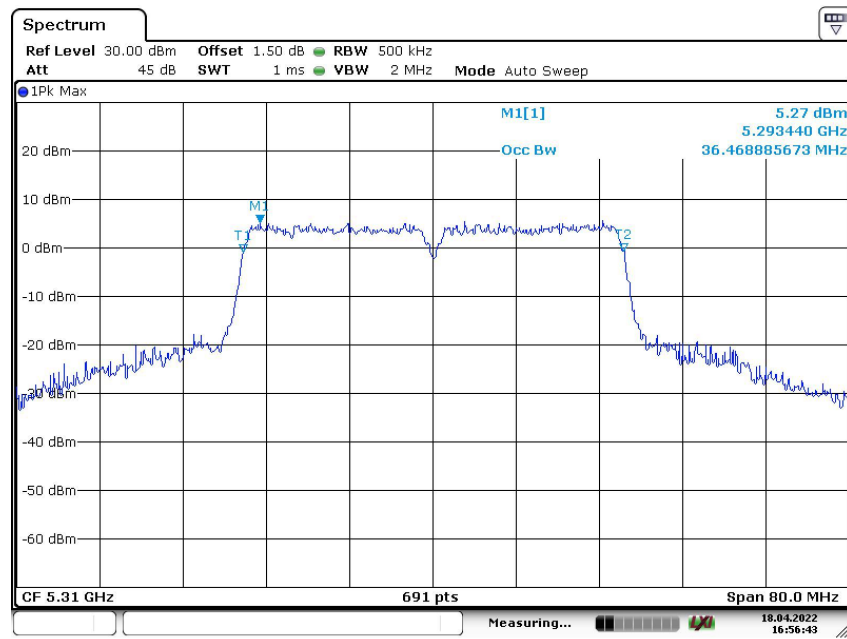
Date: 18.APR.2022 16:56:10

Fig. 37 99% Occupied Bandwidth (802.11n-HT40, 5230MHz)



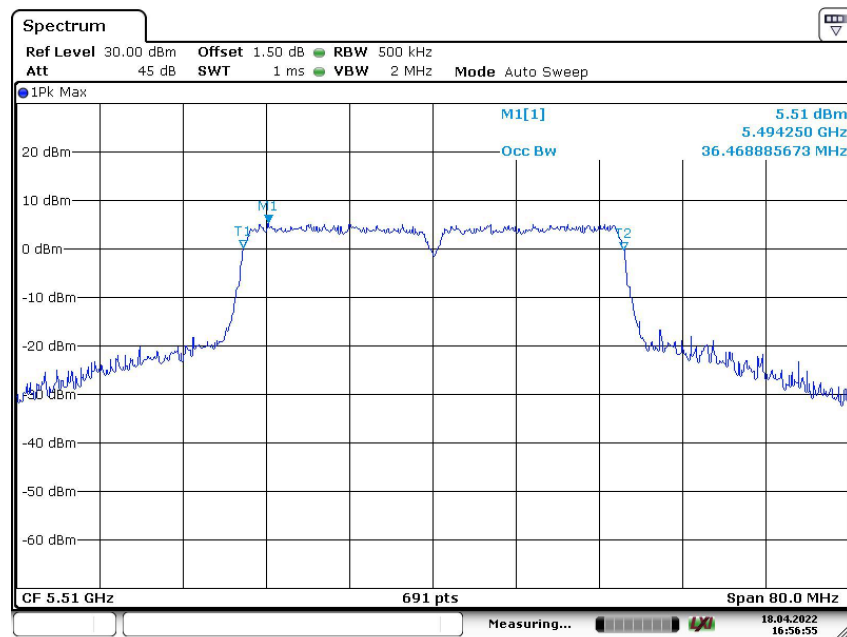
Date: 18.APR.2022 16:56:31

Fig. 38 99% Occupied Bandwidth (802.11n-HT40, 5270MHz)



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Fig. 39 99% Occupied Bandwidth (802.11n-HT40, 5310MHz)



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Fig. 40 99% Occupied Bandwidth (802.11n-HT40, 5510MHz)

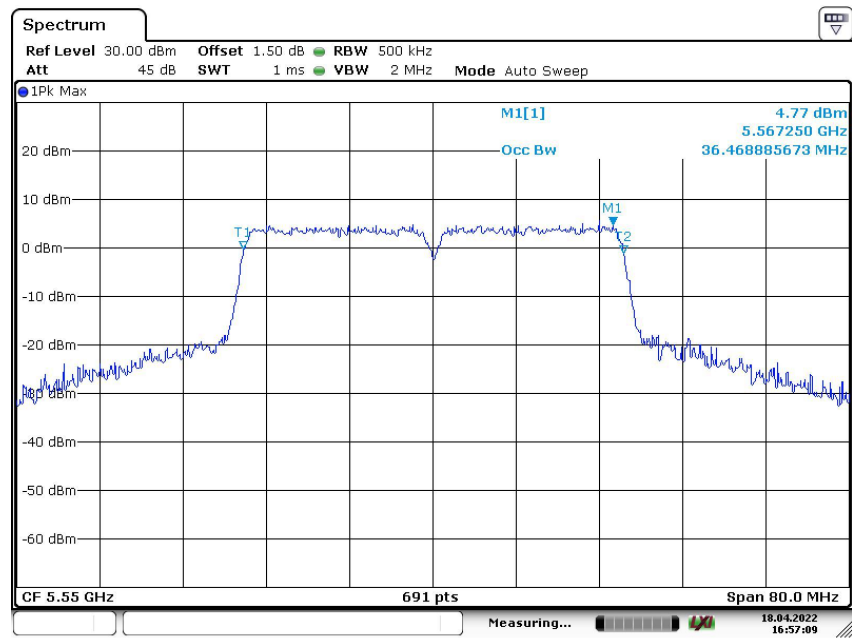


Fig. 41 99% Occupied Bandwidth (802.11n-HT40, 5550MHz)

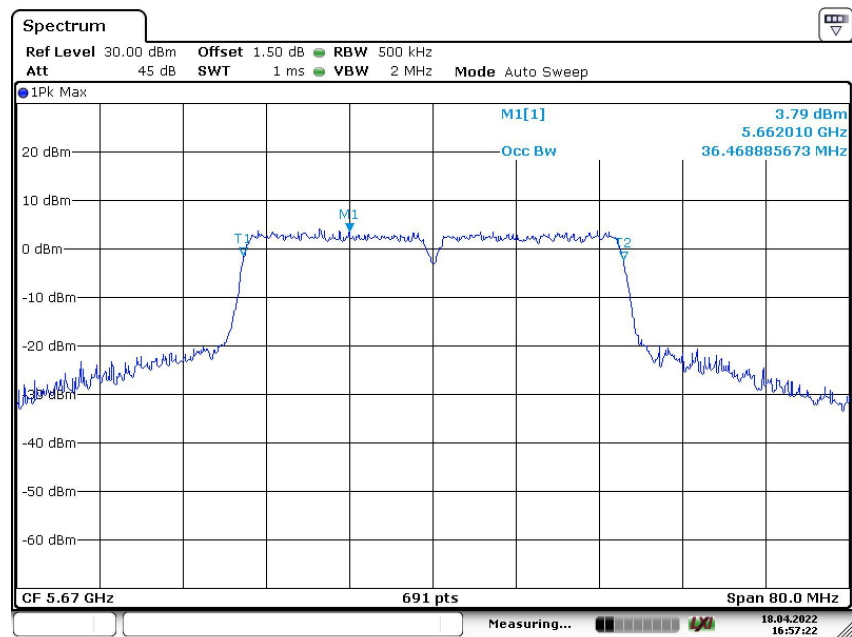
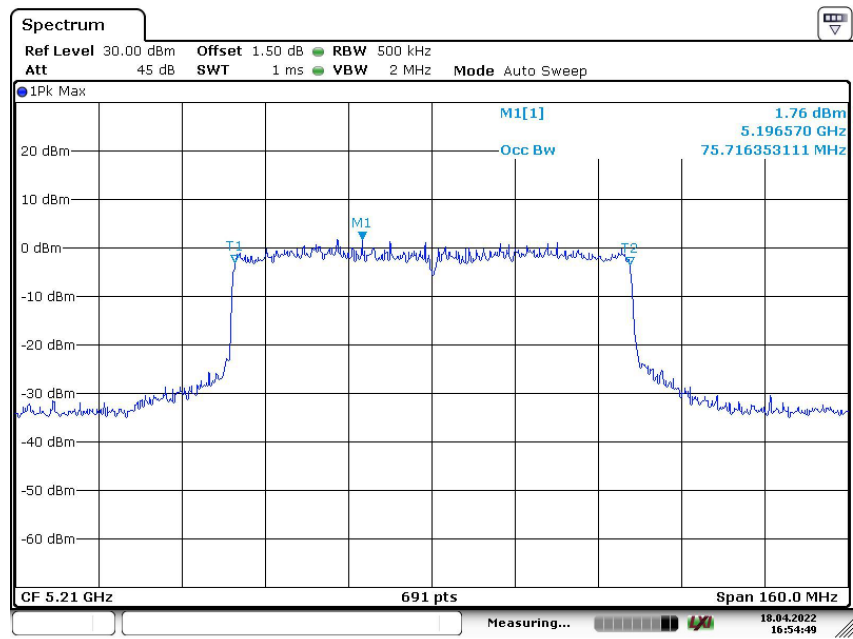
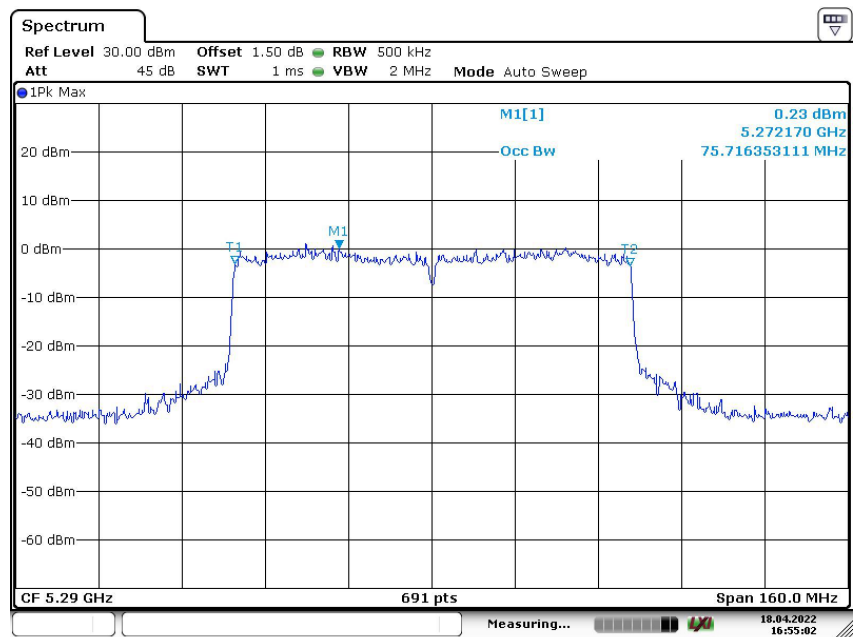


Fig. 42 99% Occupied Bandwidth (802.11n-HT40, 5670MHz)



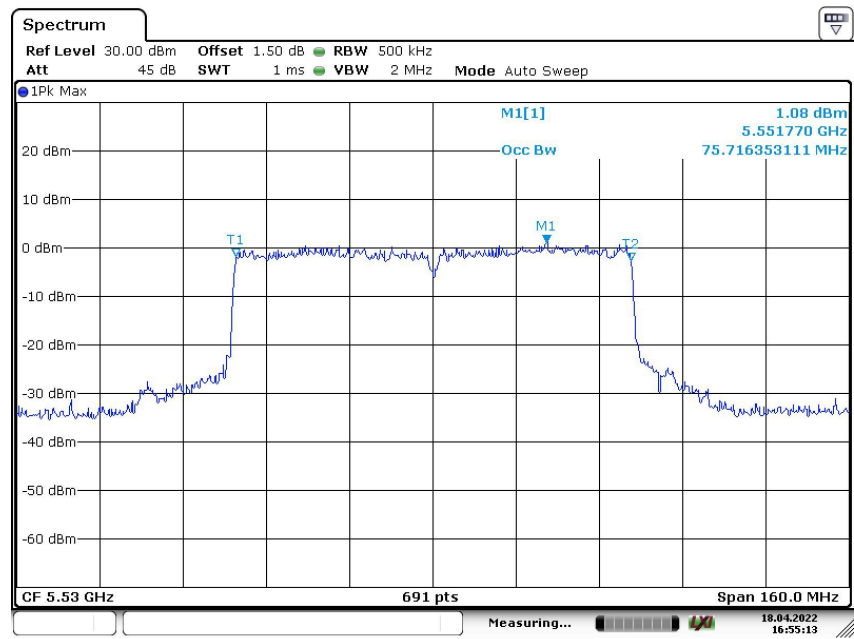
Date: 18.APR.2022 16:54:49

Fig. 43 99% Occupied Bandwidth (802.11ac-VHT80, 5210MHz)



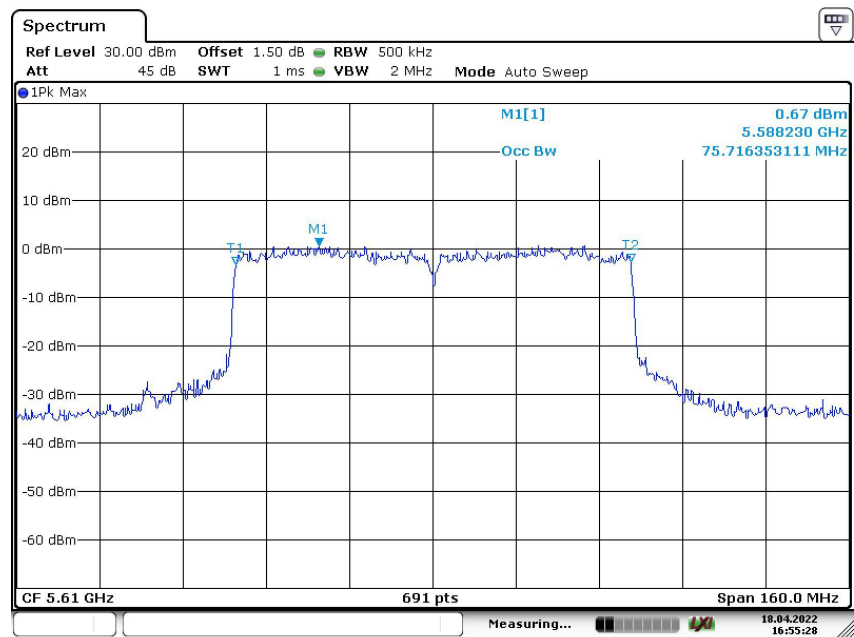
Date: 18.APR.2022 16:55:02

Fig. 44 99% Occupied Bandwidth (802.11ac-VHT80, 5290MHz)



Date: 18.APR.2022 16:55:14

Fig. 45 99% Occupied Bandwidth (802.11ac-VHT80, 5530MHz)



Date: 18.APR.2022 16:55:29

Fig. 46 99% Occupied Bandwidth (802.11ac-VHT80, 5610MHz)

A.7. Dynamic Frequency Selection

Measurement Limit:

Standard	Test Items	Limit
FCC 47 CFR Part 15.407 (h)	Channel Move Time	< 10 s
	Channel Closing Transmission Time	< 200 ms + 60 ms

The measurement is made according to KDB 905462.

1). Parameters of DFS test signal:

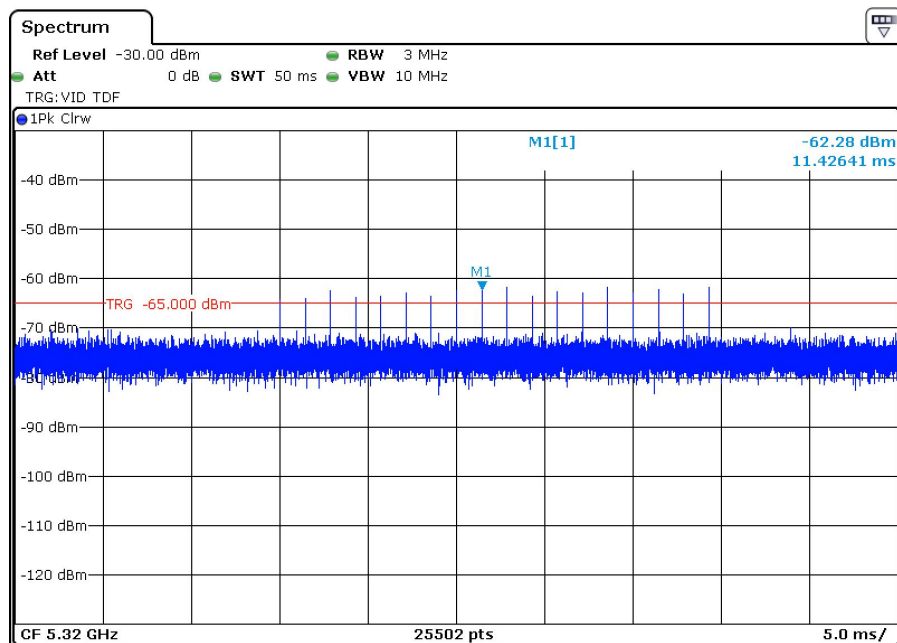
Interference threshold values, master or client incorporation in service monitoring. For device Power less than 23dBm (E.I.R.P.), the threshold level is -62 dBm at the antenna port after Correction for antenna gain and procedural adjustments.

Because of conducted measurement performed, the calibration power from radar signal generator to antenna port of DFS test equipment is -62 dBm.

Maximum Transmit Power	Value
> 200 mW	-64 dBm
< 200 mW	-62 dBm

2). Parameters of the reference DFS test signal:

Pulse width W (μs)	Pulse repetition frequency PRF (PPS)	Pulses per burst (PPB)
1	700	18



Radar Signal (Type 0)

**Measurement Results:****Channel Move Time & Channel Closing Transmission Time:**

Mode	Channel	Test Results	Conclusion
802.11a	5320MHz(Ch64)	Fig.47	P
802.11ac-VHT80	5530MHz(Ch106)	Fig.48	P

Non-Occupancy Period:

Mode	Channel	Test Results	Conclusion
802.11a	5320MHz(Ch64)	Fig.49	P
802.11ac-VHT80	5530MHz(Ch106)	Fig.50	P

See below for test graphs.

Conclusion: PASS

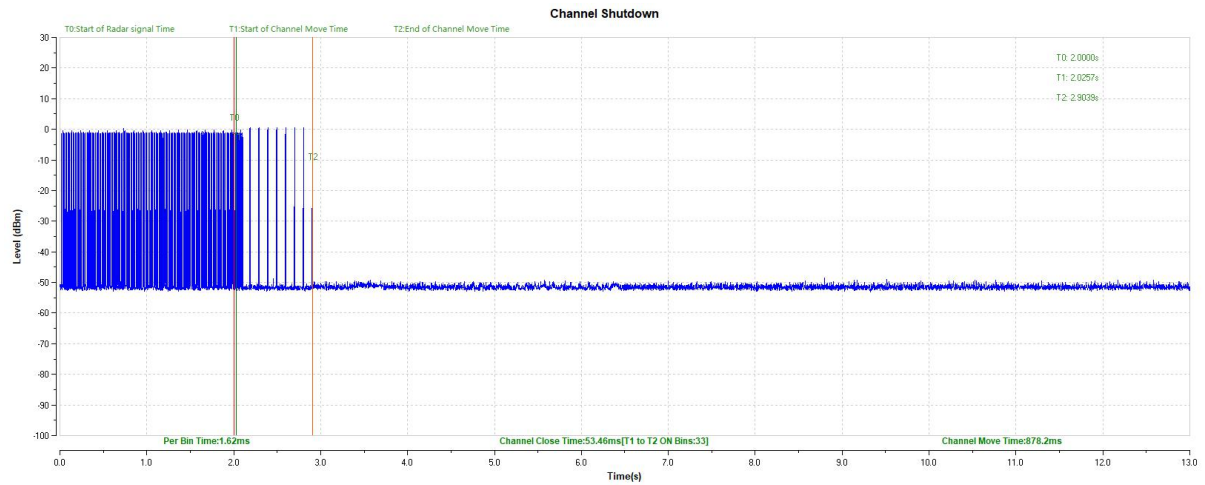


Fig. 47 Channel Move Time & Channel Closing Transmission Time (802.11a Frequency Band: 5250MHz ~ 5350MHz)

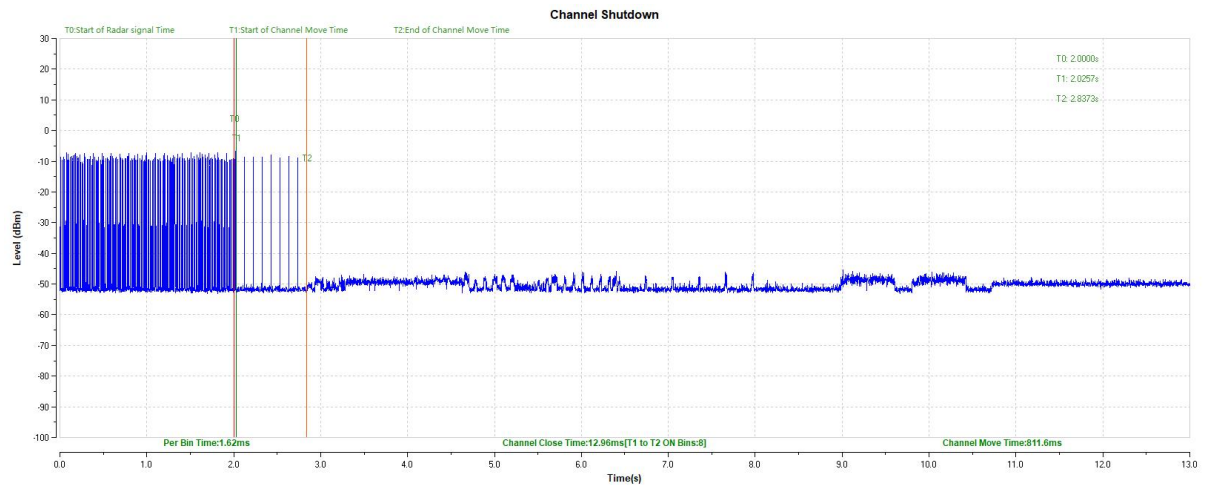


Fig. 48 Channel Move Time & Channel Closing Transmission Time (802.11ac-VHT80 Frequency Band: 5470MHz~5725MHz)

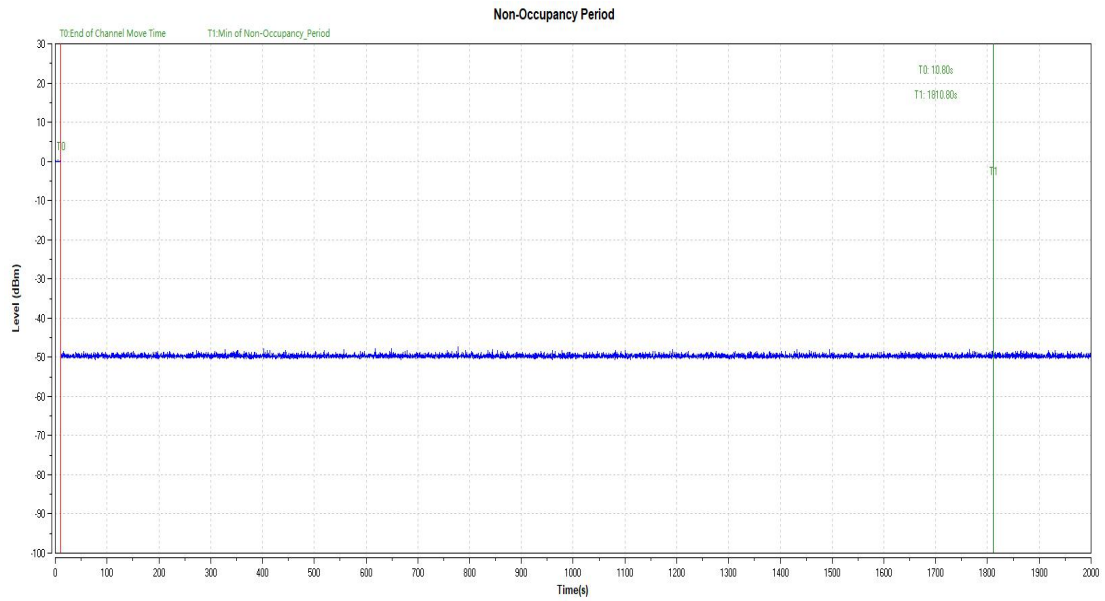


Fig. 49 Non-Occupancy Period (802.11a Frequency Band: 5250MHz ~ 5350MHz)

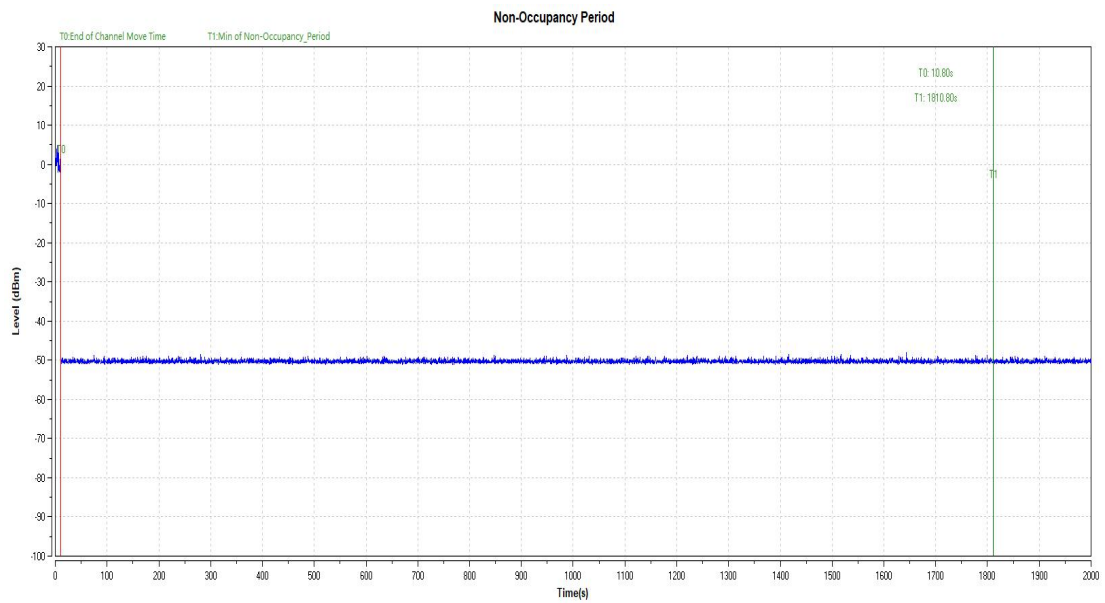


Fig. 50 Non-Occupancy Period (802.11ac-VHT80 Frequency Band: 5470MHz~5725MHz)

A.8. Band Edges Compliance

Measurement Limit:

Standard	Limit (dBuV/m)	
FCC 47 CFR Part 15.209	Peak	74
	Average	54

The measurement is made according to KDB 789033

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

Measurement Result:

Mode	Channel	Test Results	Conclusion
802.11a	5180 MHz(CH36)	Fig.51	P
	5320 MHz(CH64)	Fig.52	P
	5500 MHz(CH100)	Fig.53	P
	5700 MHz(CH140)	Fig.54	P
	5745 MHz(CH149)	Fig.55	P
	5825 MHz(CH165)	Fig.56	P
802.11n-HT40	5190 MHz(CH38)	Fig.57	P
	5310 MHz(CH62)	Fig.58	P
	5510 MHz(CH102)	Fig.59	P
	5670 MHz(CH134)	Fig.60	P
	5755 MHz(CH151)	Fig.61	P
	5795 MHz(CH159)	Fig.62	P
802.11ac-VHT80	5210 MHz(CH42)	Fig.63	P
	5290 MHz(CH58)	Fig.64	P
	5530 MHz(CH106)	Fig.65	P
	5775 MHz(CH155)	Fig.66	P

See below for test graphs.

Conclusion: PASS

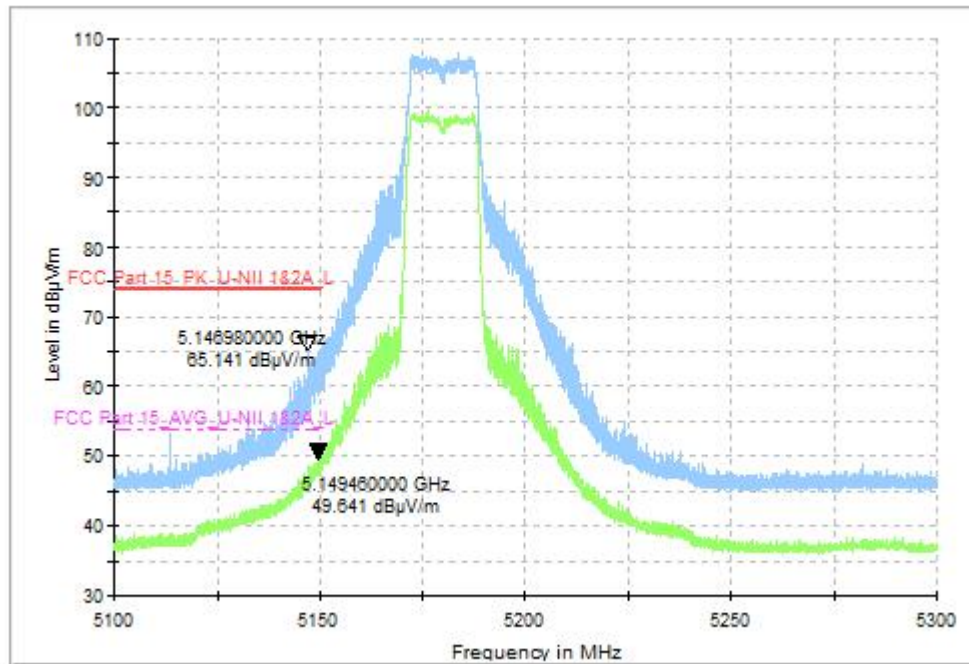


Fig. 51 Band Edges (802.11a, CH36 5180MHz)

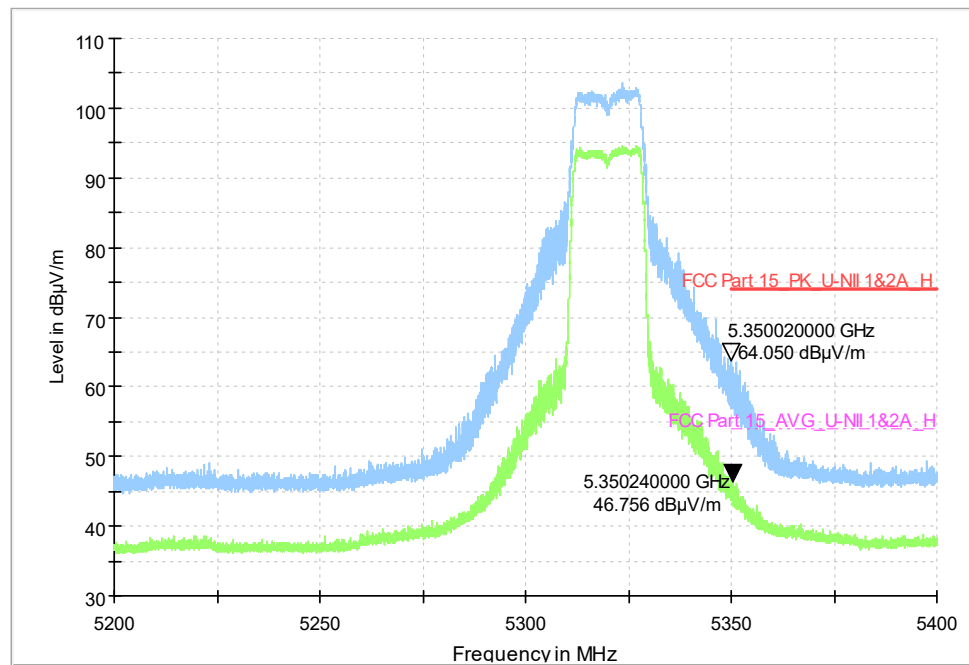


Fig. 52 Band Edges (802.11a, CH64 5320MHz)