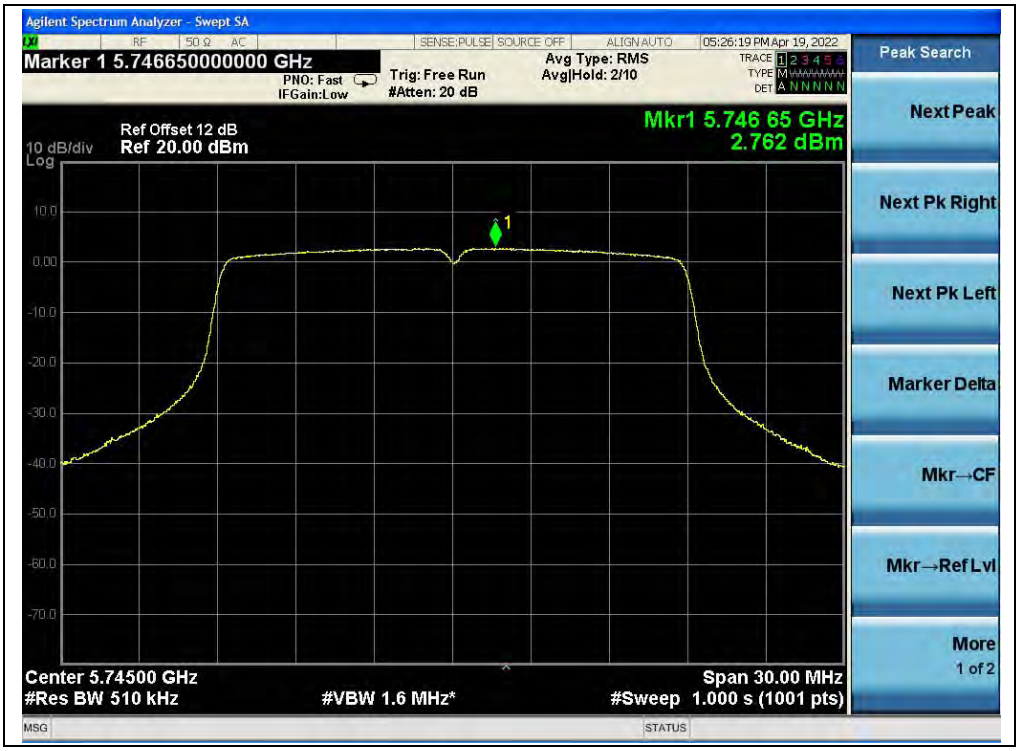
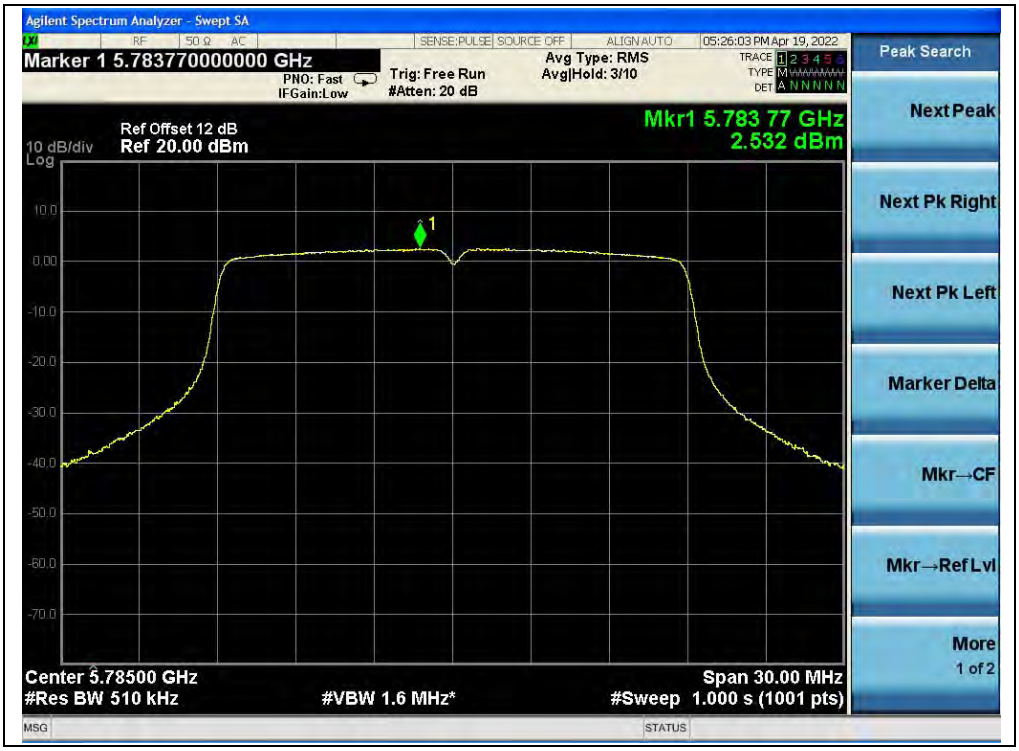


(Channel 149, 5745MHz, 802.11n (HT20), ANT0)



(Channel 157, 5785MHz, 802.11n (HT20), ANT0)

(Channel 165, 5825MHz, 802.11n (HT20), ANT0)

802.11n (HT40) Mode

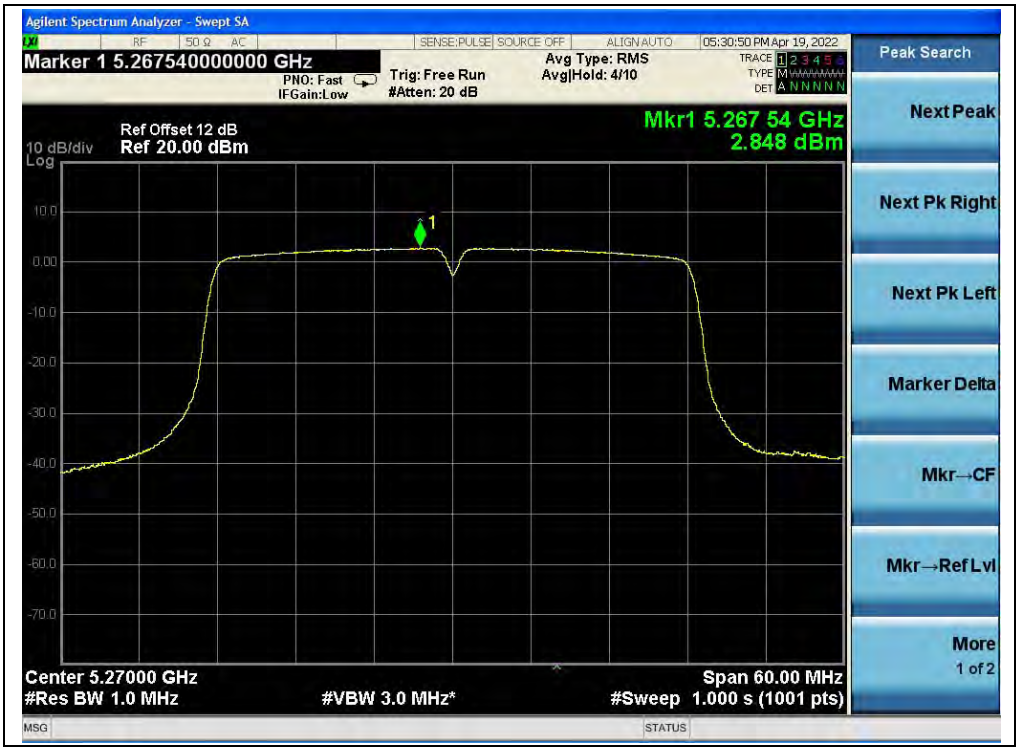
A.Test Verdict:

Frequency (MHz)	Measured PPSD (dBm/MHz)		Duty Factor	Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
	ANT0	ANT1				
5190	2.61	1.98	0.02	5.34	11	PASS
5230	2.95	2.57		5.79		
5270	2.85	2.82		5.87		
5310	2.83	2.74		5.82		
5510	1.53	1.03		4.32		
5630	2.55	1.41		5.05		
5710	3.32	2.18		5.82		
Frequency (MHz)	Measured PPSD (dBm/500KHz)		Duty Factor	Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
	ANT0	ANT1				
5710	0.43	-0.71	0.02	2.93	30	PASS
5755	0.52	-0.85		2.92		
5795	-0.06	-0.73		2.65		
Note: Directional gain = 2.7dBi +10log(2) = 5.71dBi＜6dBi, so the limit shall be 11dBm/MHz for 5.18-5.24GHz, 5.260-5.320GHz, 5.500-5.720GHz band and 30dBm/500KHz for 5.745-5.825GHz band.						

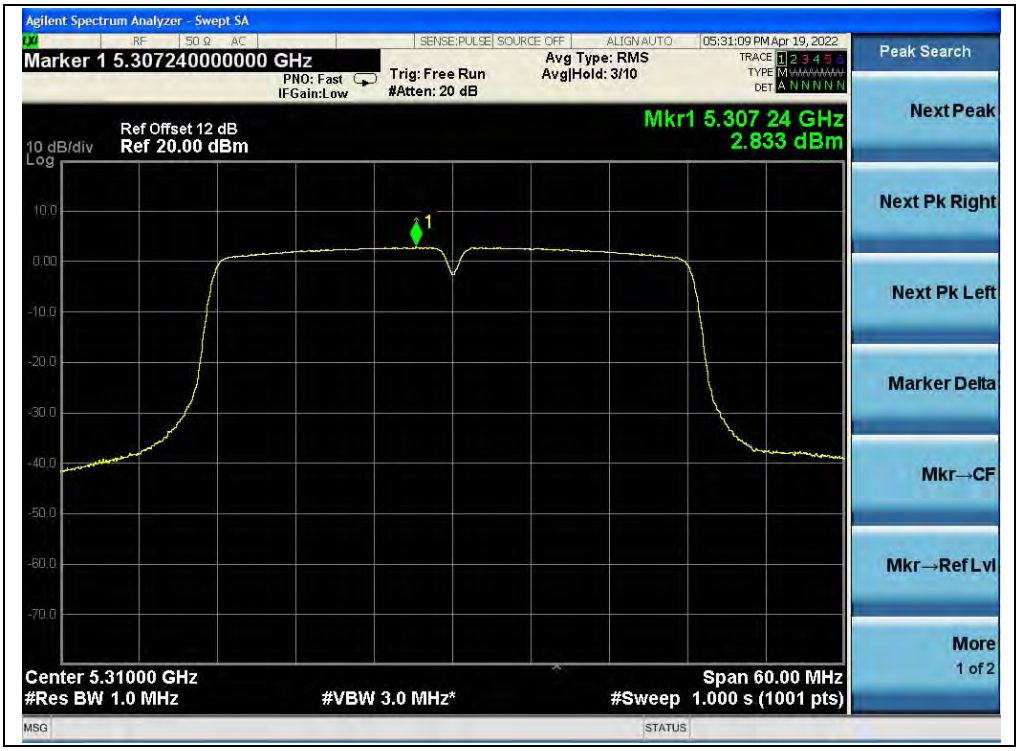
B.Test Plot:

(Channel 38, 5190MHz, 802.11n (HT40), ANT0)

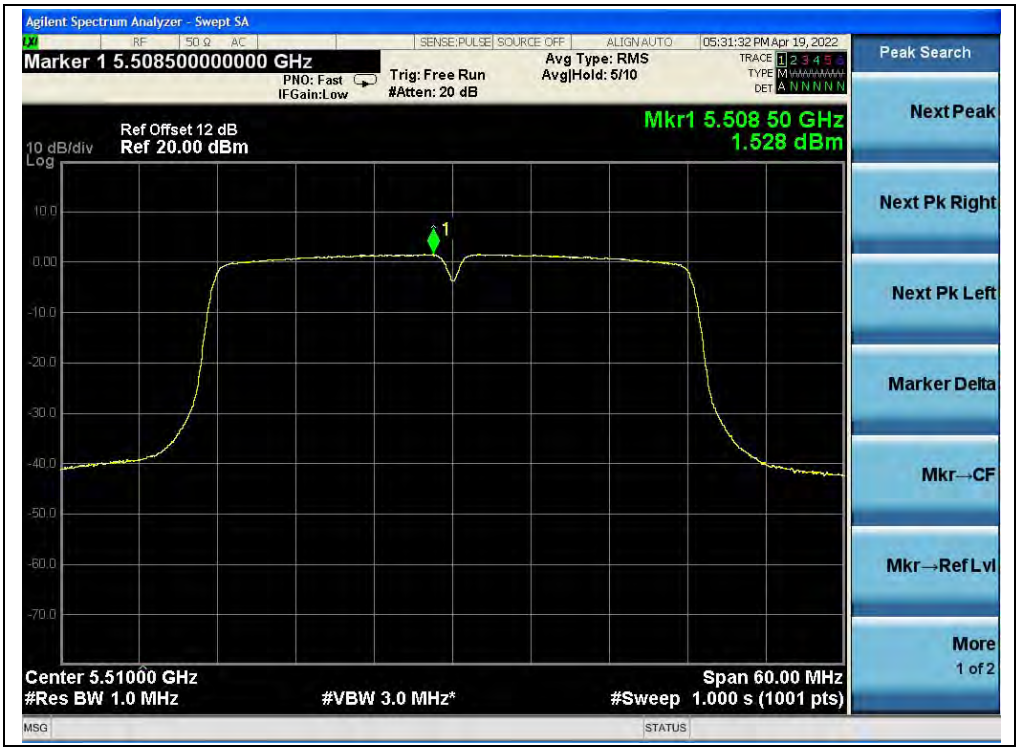
(Channel 46, 5230MHz, 802.11n (HT40), ANT0)



(Channel 54, 5270MHz, 802.11n (HT40), ANT0)



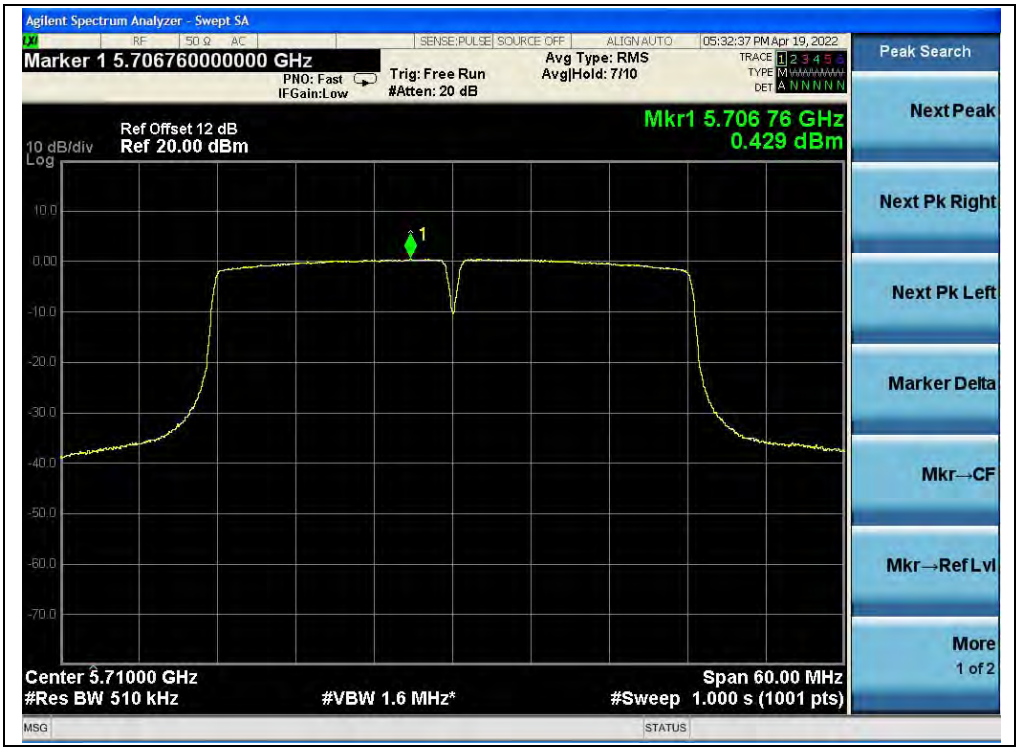
(Channel 62, 5310MHz, 802.11n (HT40), ANT0)



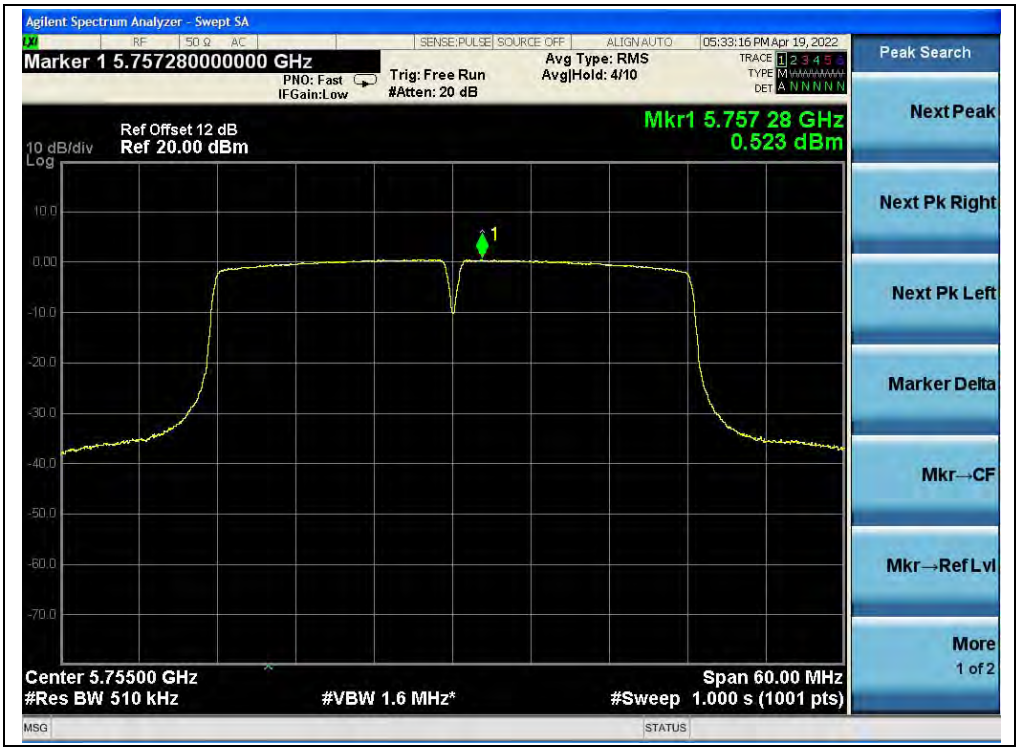
(Channel 102, 5510MHz, 802.11n (HT40), ANT0)

(Channel 126, 5630 MHz, 802.11n (HT40), ANT0)

(Channel 142, 5710MHz, 802.11n (HT40), ANT0)



(Channel 142, 5710MHz, 802.11n (HT40), ANT0)



(Channel 151, 5755MHz, 802.11n (HT40), ANT0)

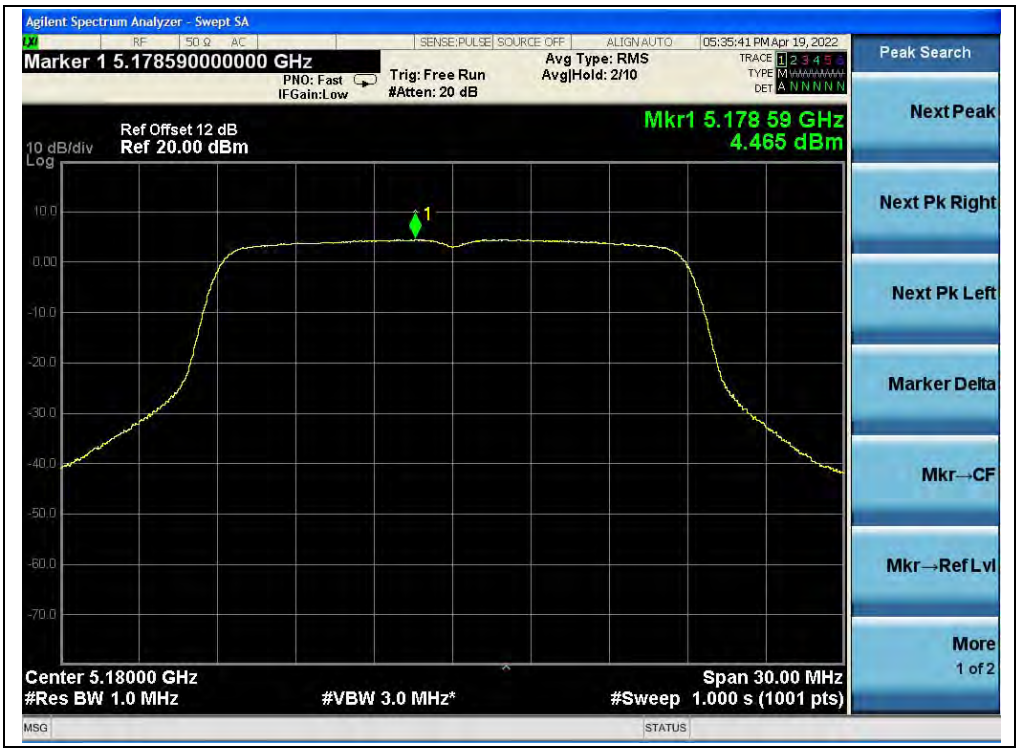
(Channel 159, 5795MHz, 802.11n (HT40), ANT0)

802.11ac (VHT20) Mode

A.Test Verdict:

Frequency (MHz)	Measured PPSD (dBm/MHz)		Duty Factor	Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
	ANT0	ANT1				
5180	4.47	3.33	0.02	6.97	11	PASS
5220	4.60	4.02		7.35		
5240	4.43	4.23		7.36		
5260	4.34	4.33		7.37		
5300	4.38	4.56		7.50		
5320	4.36	4.13		7.28		
5500	3.13	2.87		6.03		
5600	3.80	2.66		6.30		
5720	4.95	3.77		7.43		
Frequency (MHz)	Measured PPSD (dBm/500KHz)		Duty Factor	Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
	ANT0	ANT1				
5720	2.04	0.82	0.02	4.50	30	PASS
5745	2.08	0.67		4.46		
5785	1.73	1.06		4.44		
5825	1.12	0.88		4.03		
Note: Directional gain = 2.7dBi +10log(2) = 5.71dBi＜6dBi, so the limit shall be 11dBm/MHz for 5.18-5.24GHz, 5.260-5.320GHz, 5.500-5.720GHz band and 30dBm/500KHz for 5.745-5.825GHz band.						

B.Test Plot:



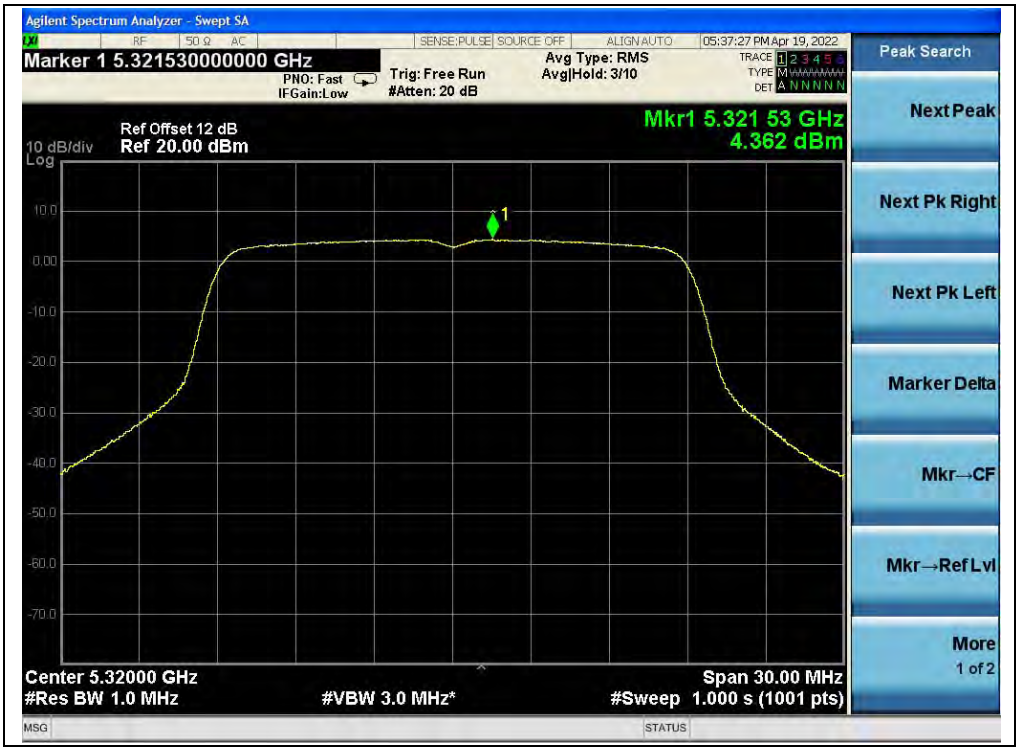
(Channel 36, 5180MHz, 802.11ac (VHT20), ANT0)

(Channel 44, 5220MHz, 802.11ac (VHT20), ANT0)

(Channel 48, 5240MHz, 802.11ac (VHT20), ANT0)

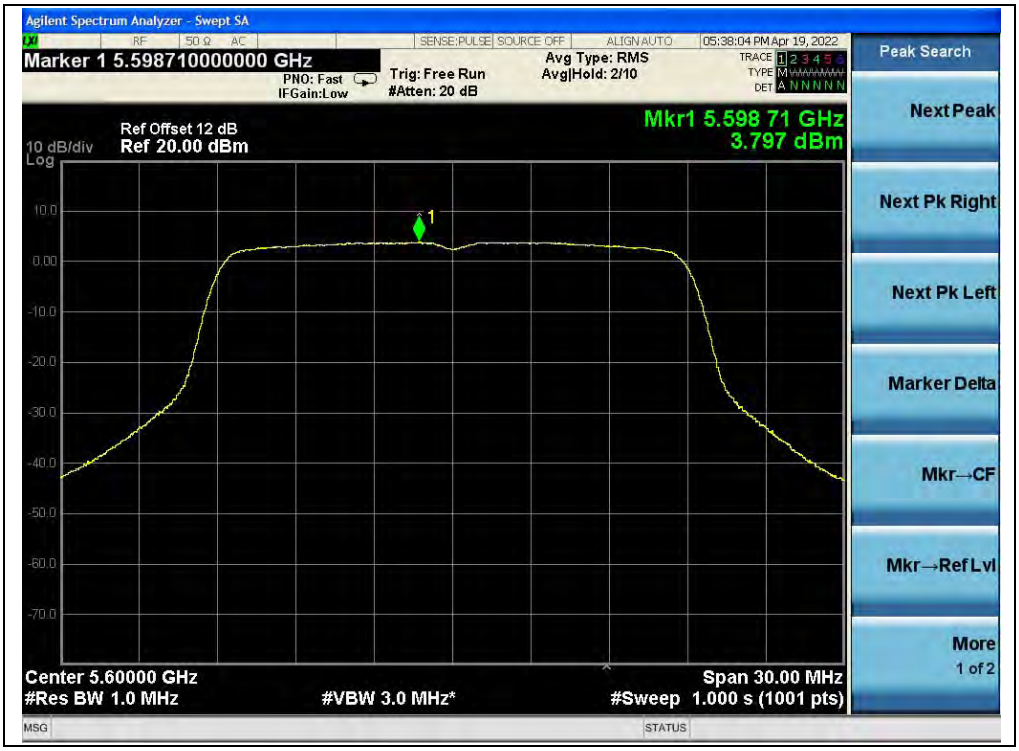
(Channel 52, 5260MHz, 802.11ac (VHT20), ANT0)

(Channel 60, 5300MHz, 802.11ac (VHT20), ANT0)



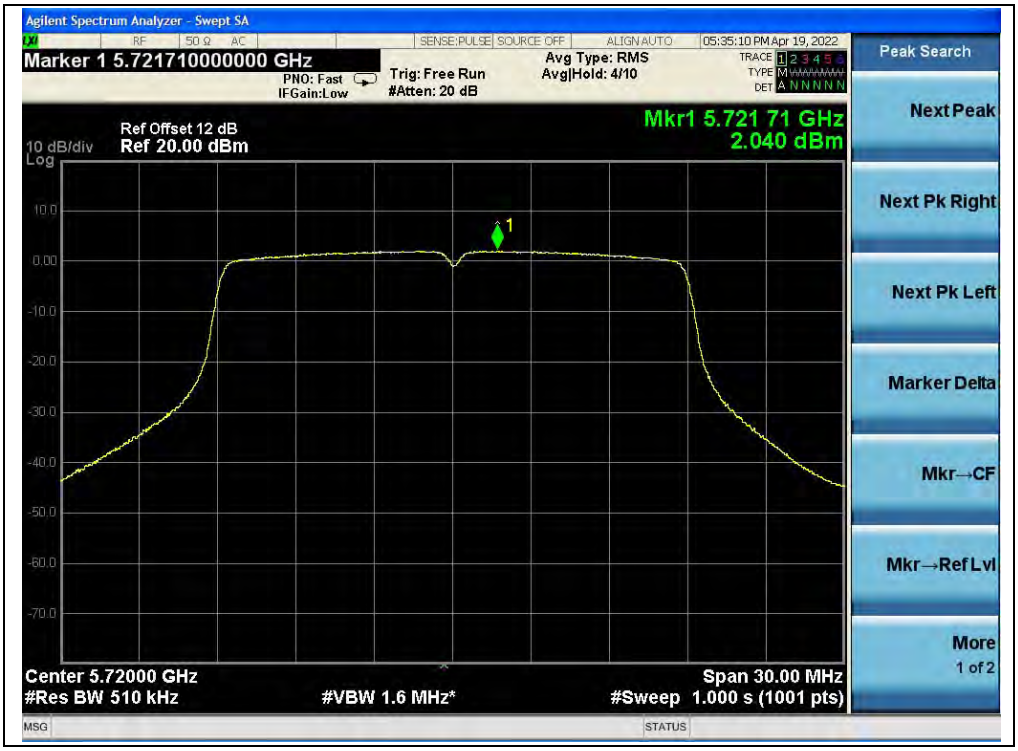
(Channel 64, 5320MHz, 802.11ac (VHT20), ANT0)

(Channel 100, 5500MHz, 802.11ac (VHT20), ANT0)



(Channel 120, 5600MHz, 802.11ac (VHT20), ANT0)

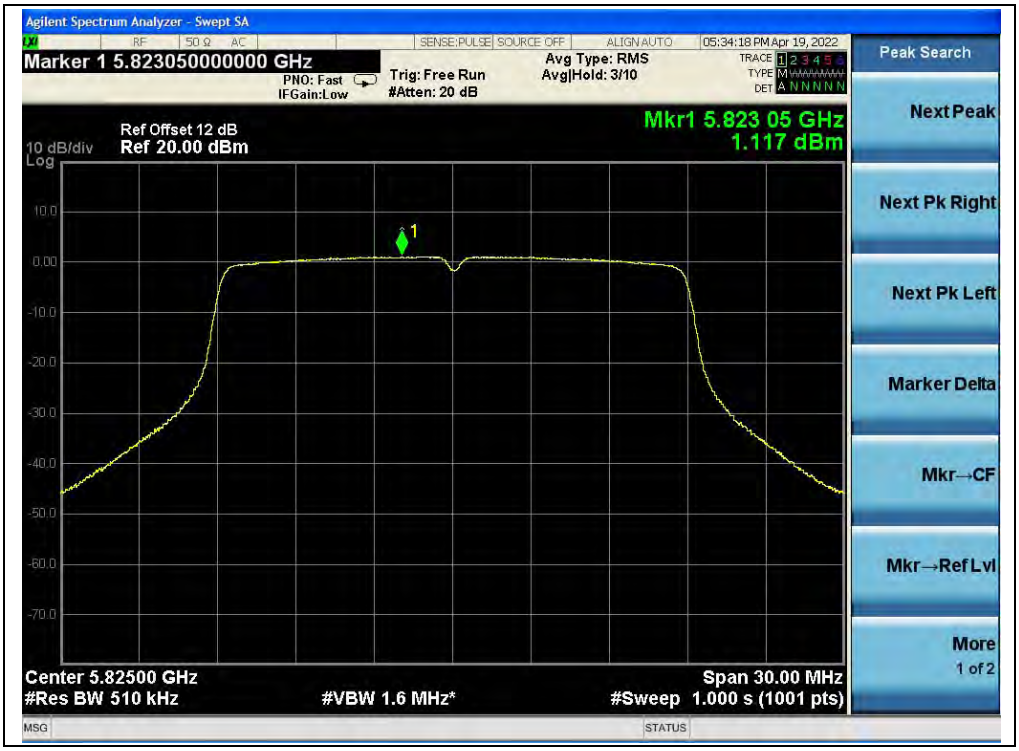
(Channel 144, 5720MHz, 802.11ac (VHT20), ANT0)



(Channel 144, 5720MHz, 802.11ac(VHT20), ANT0)

(Channel 149, 5745MHz, 802.11ac (VHT20), ANT0)

(Channel 157, 5785MHz, 802.11ac (VHT20), ANT0)



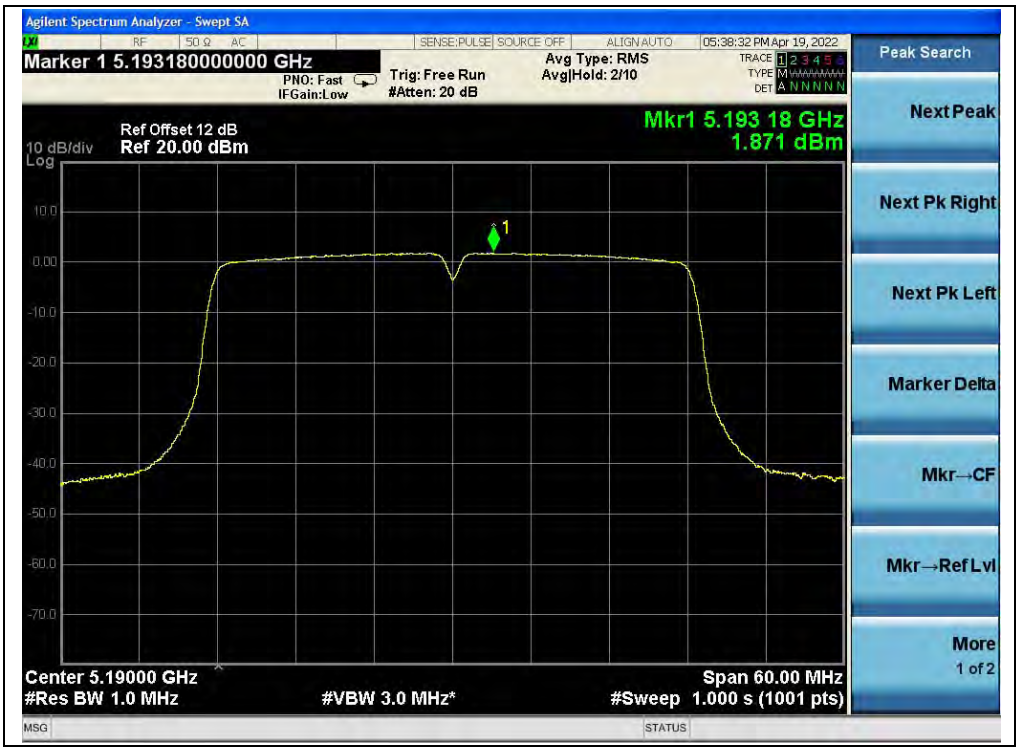
(Channel 165, 5825MHz, 802.11ac (VHT20), ANT0)

802.11ac (VHT40) Mode

A.Test Verdict:

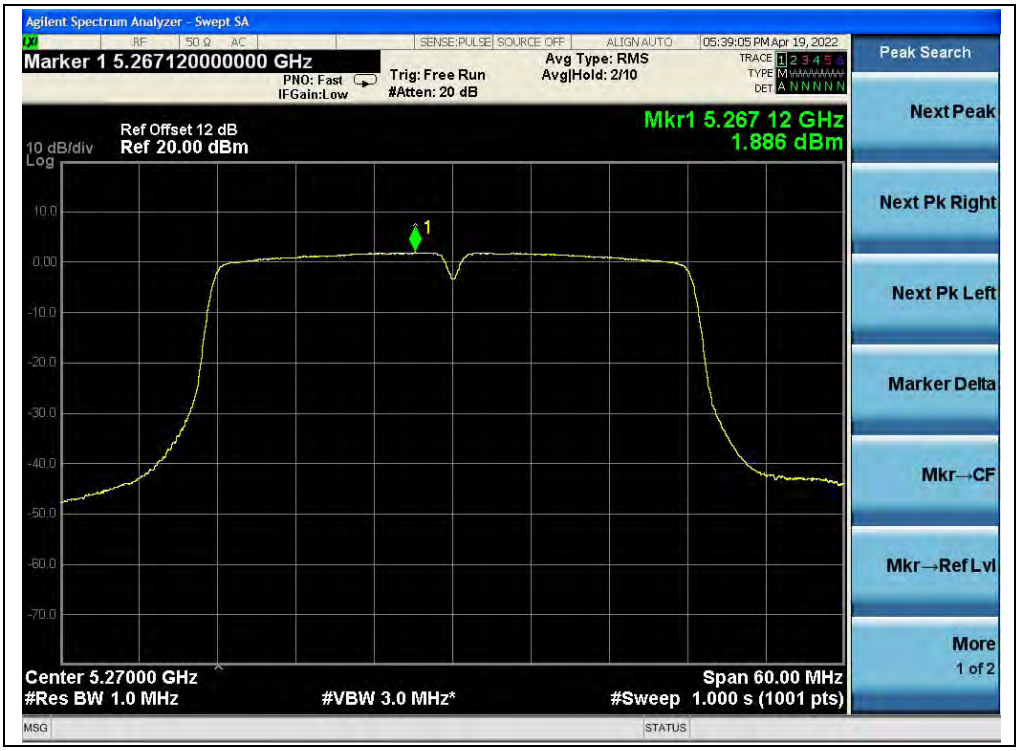
Frequency (MHz)	Measured PPSD (dBm/MHz)		Duty Factor	Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
	ANT0	ANT1				
5190	1.87	1.19	0.02	4.57	11	PASS
5230	2.07	1.64		4.89		
5270	1.89	1.79		4.87		
5310	1.84	1.92		4.91		
5510	0.58	0.20		3.42		
5630	1.81	0.57		4.26		
5710	2.51	1.25		4.96		
Frequency (MHz)	Measured PPSD (dBm/500KHz)		Duty Factor	Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
	ANT0	ANT1				
5710	-0.45	-1.58	0.02	2.05	30	PASS
5755	-0.51	-1.77		1.94		
5795	-1.01	-1.59		1.74		
Note: Directional gain = 2.7dBi +10log(2) = 5.71dBi＜6dBi, so the limit shall be 11dBm/MHz for 5.18-5.24GHz, 5.260-5.320GHz, 5.500-5.720GHz band and 30dBm/500KHz for 5.745-5.825GHz band.						

B.Test Plot:

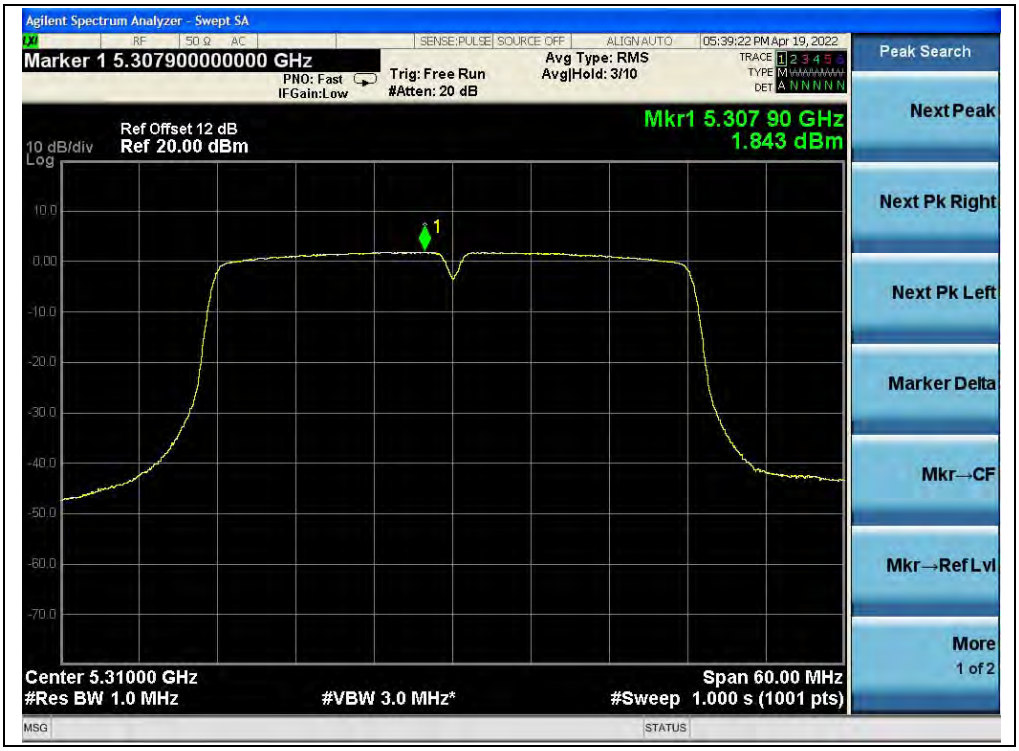


(Channel 38, 5190MHz, 802.11ac (VHT40), ANT0)

(Channel 46, 5230MHz, 802.11ac (VHT40), ANT0)



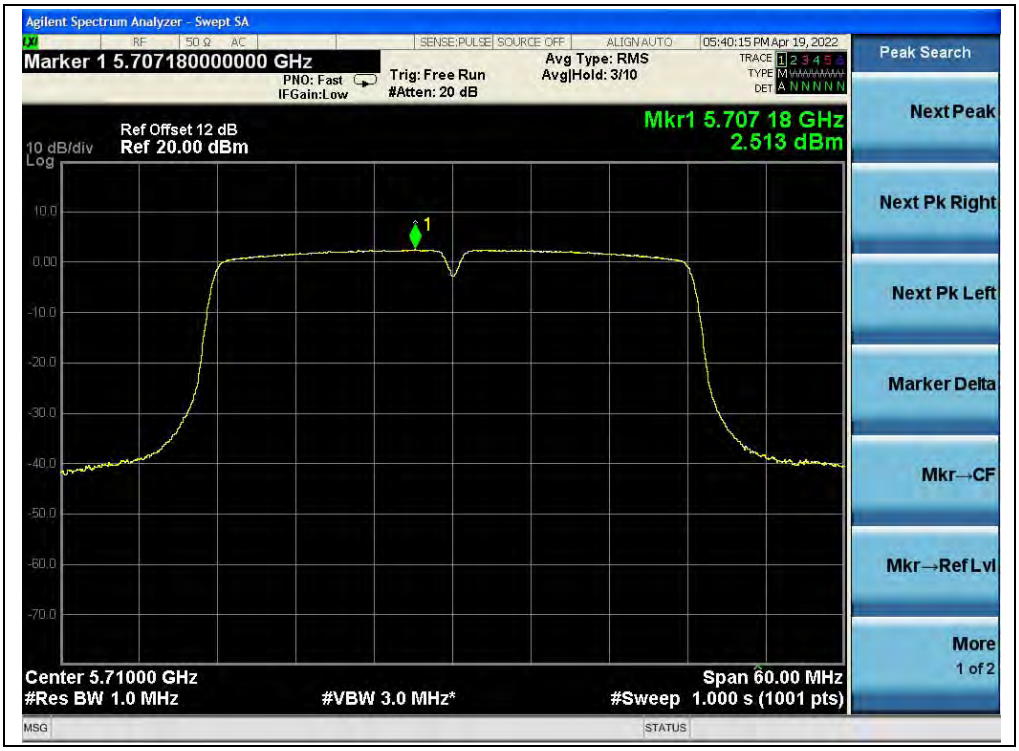
(Channel 54, 5270MHz, 802.11ac (VHT40), ANT0)



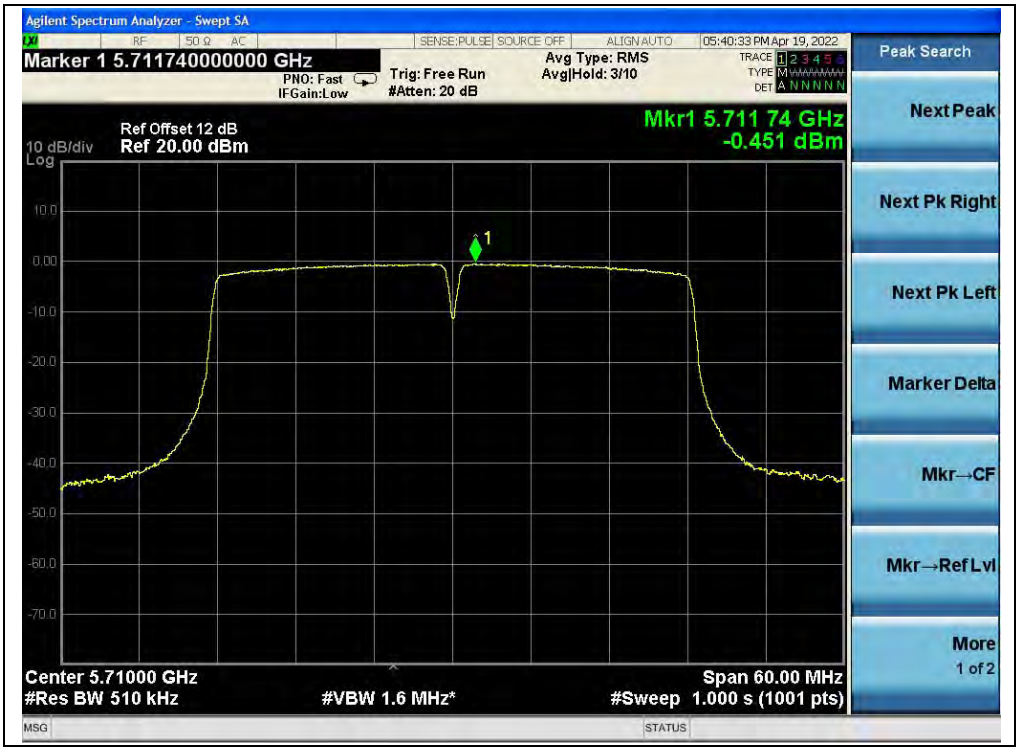
(Channel 62, 5310MHz, 802.11ac (VHT40), ANT0)

(Channel 102, 5510MHz, 802.11ac (VHT40), ANT0)

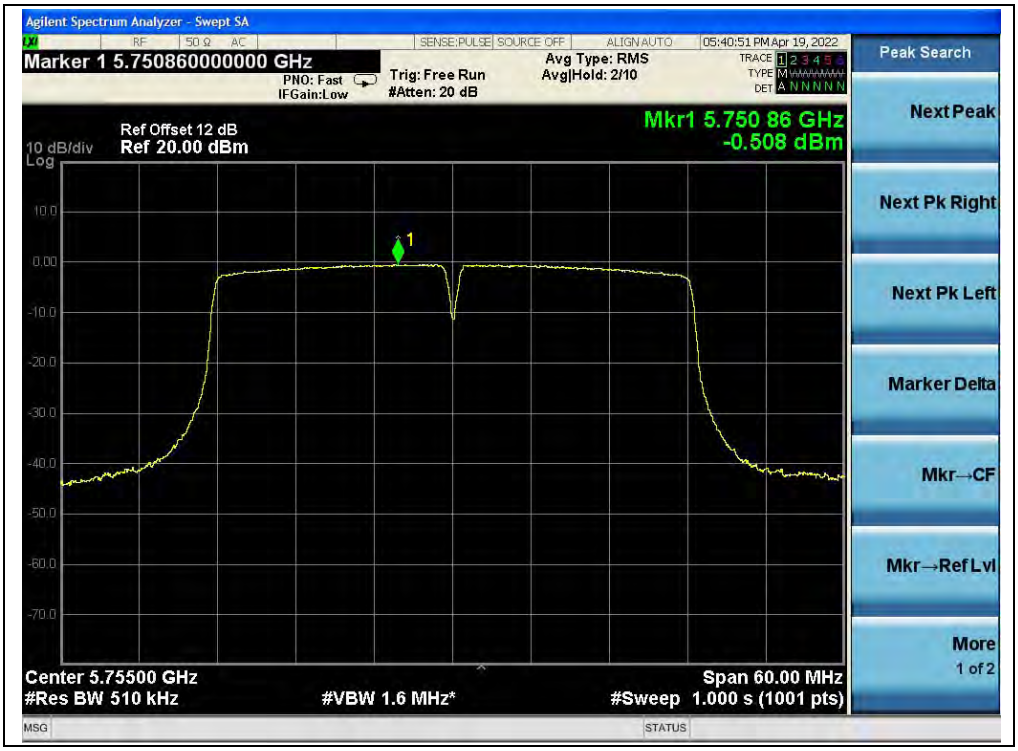
(Channel 126, 5630MHz, 802.11ac (VHT40), ANT0)



(Channel 142, 5710MHz, 802.11ac (VHT40), ANT0)



(Channel 142, 5710MHz, 802.11ac (VHT40), ANT0)



(Channel 151, 5755MHz, 802.11ac (VHT40), ANT0)

(Channel 159, 5795MHz, 802.11ac (VHT40), ANT0)

802.11ac (VHT80) Mode

A.Test Verdict:

Frequency (MHz)	Measured PPSD (dBm/MHz)		Duty Factor	Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
	ANT0	ANT1				
5210	-1.56	-2.02	0.00	1.23	11	PASS
5290	-1.74	-1.59		1.35		
5530	-2.77	-3.28		-0.01		
5610	-2.23	-3.25		0.30		
5690	-1.17	-2.29		1.32		
Frequency (MHz)	Measured PPSD (dBm/500KHz)		Duty Factor	Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
	ANT0	ANT1				
5690	-3.91	-5.19	0.00	-1.49	30	PASS
5775	-4.16	-5.01		-1.55		
Note: Directional gain = 2.7dBi +10log(2) = 5.71dBi＜6dBi, so the limit shall be 11dBm/MHz for 5.18-5.24GHz, 5.260-5.320GHz, 5.500-5.720GHz band and 30dBm/500KHz for 5.745-5.825GHz band.						

B.Test Plot:

(Channel 42, 5210MHz, 802.11ac (VHT80), ANT0)

(Channel 58, 5290MHz, 802.11ac (VHT80), ANT0)

(Channel 106, 5530MHz, 802.11ac (VHT80), ANT0)

(Channel 122, 5610MHz, 802.11ac (VHT80), ANT0)

(Channel 138, 5690MHz, 802.11ac (VHT80), ANT0)

(Channel 138, 5690MHz, 802.11ac (VHT80), ANT0)

(Channel 155, 5775MHz, 802.11ac (VHT80), ANT0)

802.11ax (HEW20) Mode

A.Test Verdict:

Frequency (MHz)	Measured PPSD (dBm/MHz)		Duty Factor	Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
	ANT0	ANT1				
5180	4.35	3.19	0.02	6.84	11	PASS
5220	4.41	3.85		7.17		
5240	4.27	4.16		7.25		
5260	4.21	4.28		7.28		
5300	4.22	4.42		7.35		
5320	4.15	4.12		7.17		
5500	2.84	2.75		5.83		
5600	3.65	2.61		6.19		
5720	4.78	3.50		7.22		
Frequency (MHz)	Measured PPSD (dBm/500KHz)		Duty Factor	Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
	ANT0	ANT1				
5720	1.81	0.55	0.02	4.26	30	PASS
5745	1.85	0.57		4.29		
5785	1.56	0.88		4.26		
5825	0.98	0.83		3.94		
Note: Directional gain = 2.7dBi +10log(2) = 5.71dBi＜6dBi, so the limit shall be 11dBm/MHz for 5.18-5.24GHz, 5.260-5.320GHz, 5.500-5.720GHz band and 30dBm/500KHz for 5.745-5.825GHz band.						

B.Test Plot:

(Channel 36, 5180MHz, 802.11ax (HEW20), ANT0)

(Channel 44, 5220MHz, 802.11ax (HEW20), ANT0)

(Channel 48, 5240MHz, 802.11ax (HEW20), ANT0)

(Channel 52, 5260MHz, 802.11ax (HEW20), ANT0)

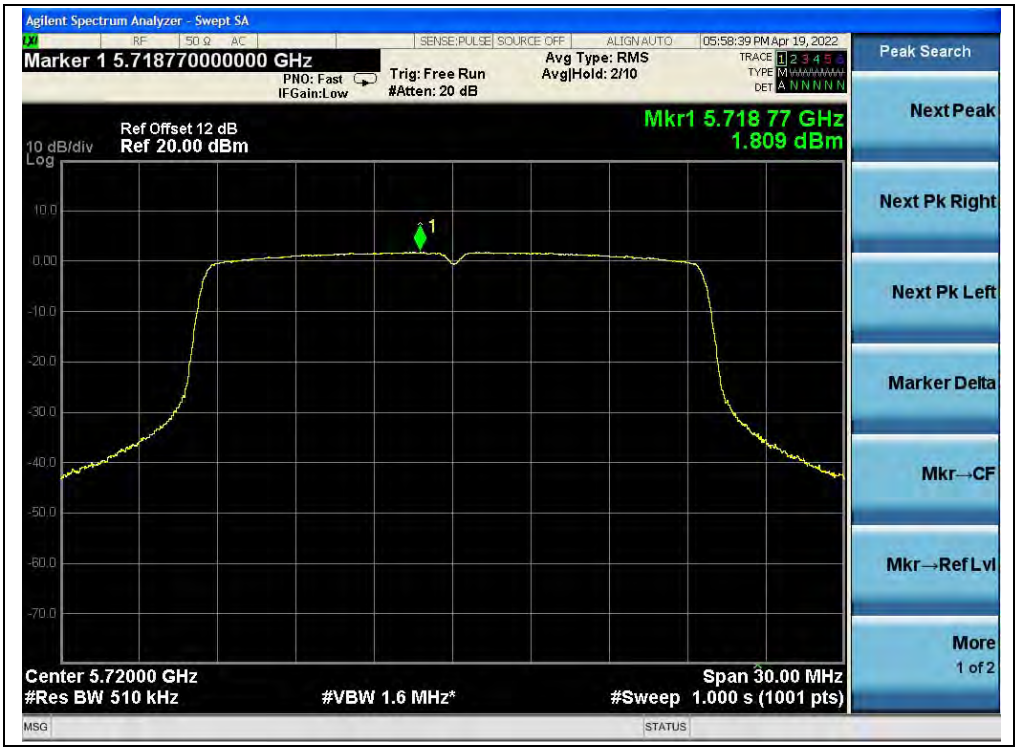
(Channel 60, 5300MHz, 802.11ax (HEW20), ANT0)

(Channel 64, 5320MHz, 802.11ax (HEW20), ANT0)

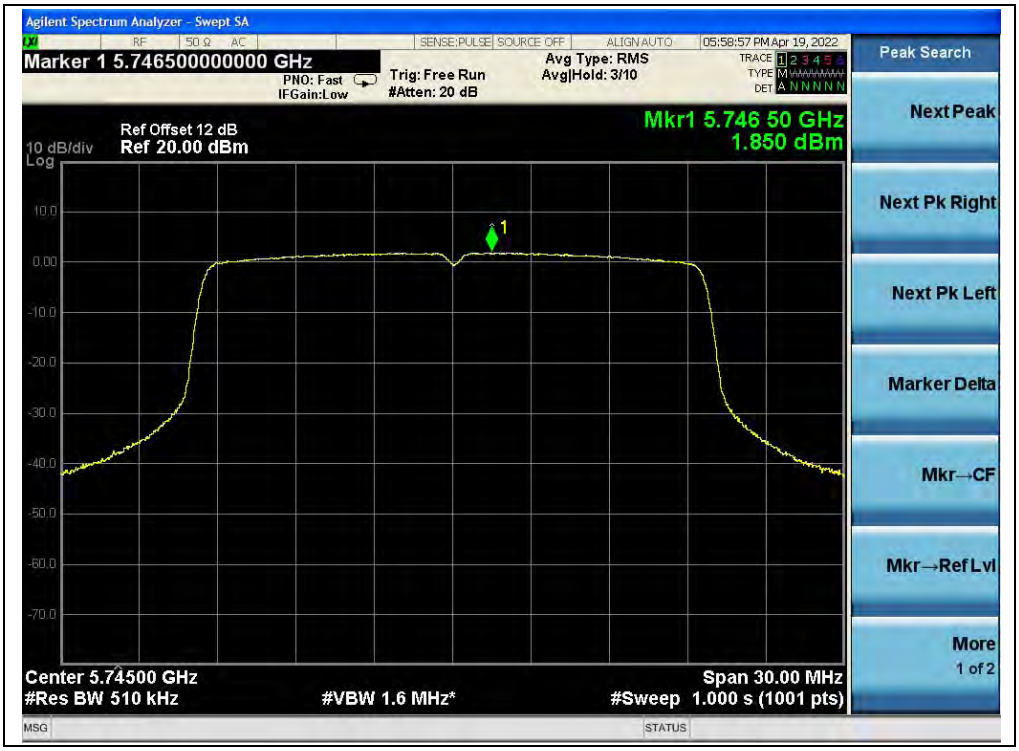
(Channel 100, 5500MHz, 802.11ax (HEW20), ANT0)

(Channel 120, 5600MHz, 802.11ax (HEW20), ANT0)

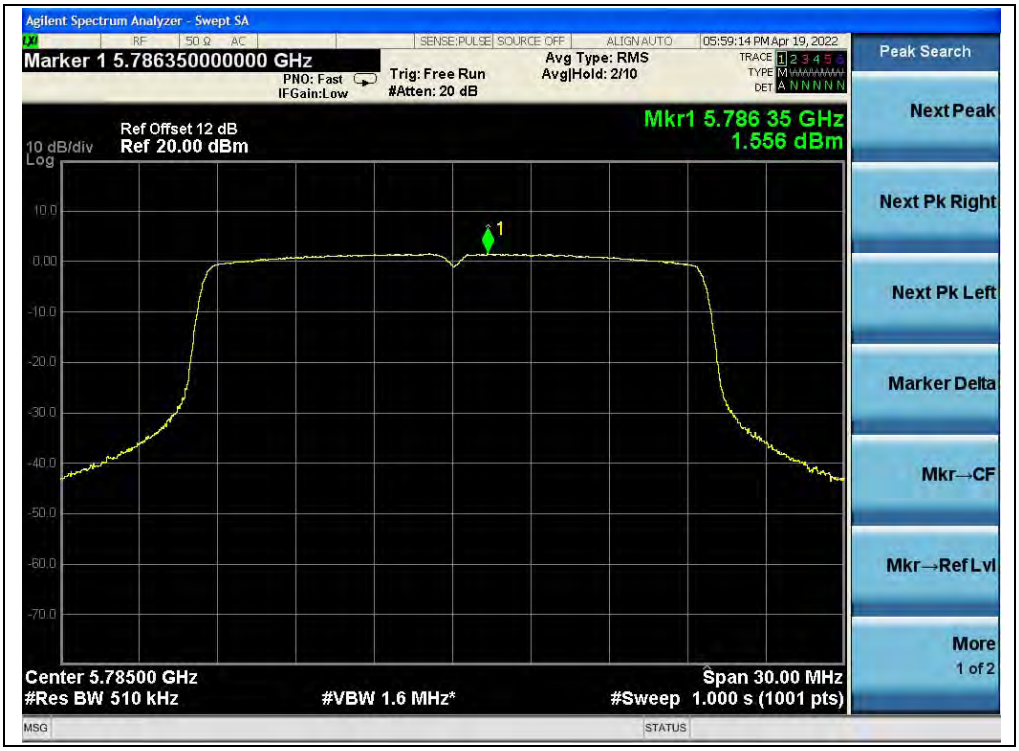
(Channel 144, 5720MHz, 802.11ax (HEW20), ANT0)



(Channel 144, 5720MHz, 802.11ax (HEW20), ANT0)



(Channel 149, 5745MHz, 802.11ax (HEW20), ANT0)



(Channel 157, 5785MHz, 802.11ax (HEW20), ANT0)

(Channel 165, 5825MHz, 802.11ax (HEW20), ANT0)

802.11ax (HEW20) RU26 Mode

A.Test Verdict:

Frequency (MHz)	Measured PPSD (dBm/MHz)		Duty Factor	Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
	ANT0	ANT1				
5180	7.43	5.16	0.00	9.45	11	PASS
5220	7.39	5.64		9.61		
5240	7.12	6.13		9.66		
5260	7.12	6.23		9.71		
5300	6.89	6.35		9.64		
5320	7.01	6.18		9.63		
5500	5.98	4.67		8.38		
5600	6.68	4.71		8.82		
5720	7.64	5.42		9.68		
Frequency (MHz)	Measured PPSD (dBm/500KHz)		Duty Factor	Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
	ANT0	ANT1				
5720	4.83	2.62	0.00	6.87	30	PASS
5745	4.78	2.57		6.82		
5785	4.51	2.69		6.70		
5825	3.99	2.74		6.42		
Note: Directional gain = 2.7dBi +10log(2) = 5.71dBi＜6dBi, so the limit shall be 11dBm/MHz for 5.18-5.24GHz, 5.260-5.320GHz, 5.500-5.720GHz band and 30dBm/500KHz for 5.745-5.825GHz band.						

B.Test Plot:

(Channel 36, 5180MHz, 802.11ax (HEW20) RU26, ANT0)

(Channel 44, 5220MHz, 802.11ax (HEW20) RU26, ANT0)

(Channel 48, 5240MHz, 802.11ax (HEW20) RU26, ANT0)

(Channel 52, 5260MHz, 802.11ax (HEW20) RU26, ANT0)

(Channel 60, 5300MHz, 802.11ax (HEW20) RU26, ANT0)

(Channel 64, 5320MHz, 802.11ax (HEW20) RU26, ANT0)

(Channel 100, 5500MHz, 802.11ax (HEW20) RU26, ANT0)

(Channel 120, 5600MHz, 802.11ax (HEW20) RU26, ANT0)

(Channel 144, 5720MHz, 802.11ax (HEW20) RU26, ANT0)

(Channel 144, 5720MHz, 802.11ax (HEW20) RU26, ANT0)

(Channel 149, 5745MHz, 802.11ax (HEW20) RU26, ANT0)

(Channel 157, 5785MHz, 802.11ax (HEW20) RU26, ANT0)

(Channel 165, 5825MHz, 802.11ax (HEW20) RU26, ANT0)

802.11ax (HEW20) RU52 Mode

A.Test Verdict:

Frequency (MHz)	Measured PPSD (dBm/MHz)		Duty Factor	Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
	ANT0	ANT1				
5180	6.61	4.47	0.00	8.68	11	PASS
5220	6.63	5.02		8.91		
5240	6.44	5.43		8.97		
5260	6.44	5.68		9.09		
5300	6.33	5.46		8.93		
5320	4.44	5.16		7.83		
5500	5.16	3.83		7.56		
5600	6.26	3.74		8.19		
5720	6.82	4.72		8.91		
Frequency (MHz)	Measured PPSD (dBm/500KHz)		Duty Factor	Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
	ANT0	ANT1				
5720	3.92	1.81	0.00	6.00	30	PASS
5745	3.90	1.66		5.93		
5785	3.56	1.90		5.82		
5825	3.06	1.86		5.51		
Note: Directional gain = 2.7dBi +10log(2) = 5.71dBi＜6dBi, so the limit shall be 11dBm/MHz for 5.18-5.24GHz, 5.260-5.320GHz, 5.500-5.720GHz band and 30dBm/500KHz for 5.745-5.825GHz band.						

B.Test Plot:

(Channel 36, 5180MHz, 802.11ax (HEW20) RU52, ANT0)

(Channel 44, 5220MHz, 802.11ax (HEW20) RU52, ANT0)

(Channel 48, 5240MHz, 802.11ax (HEW20) RU52, ANT0)

(Channel 52, 5260MHz, 802.11ax (HEW20) RU52, ANT0)

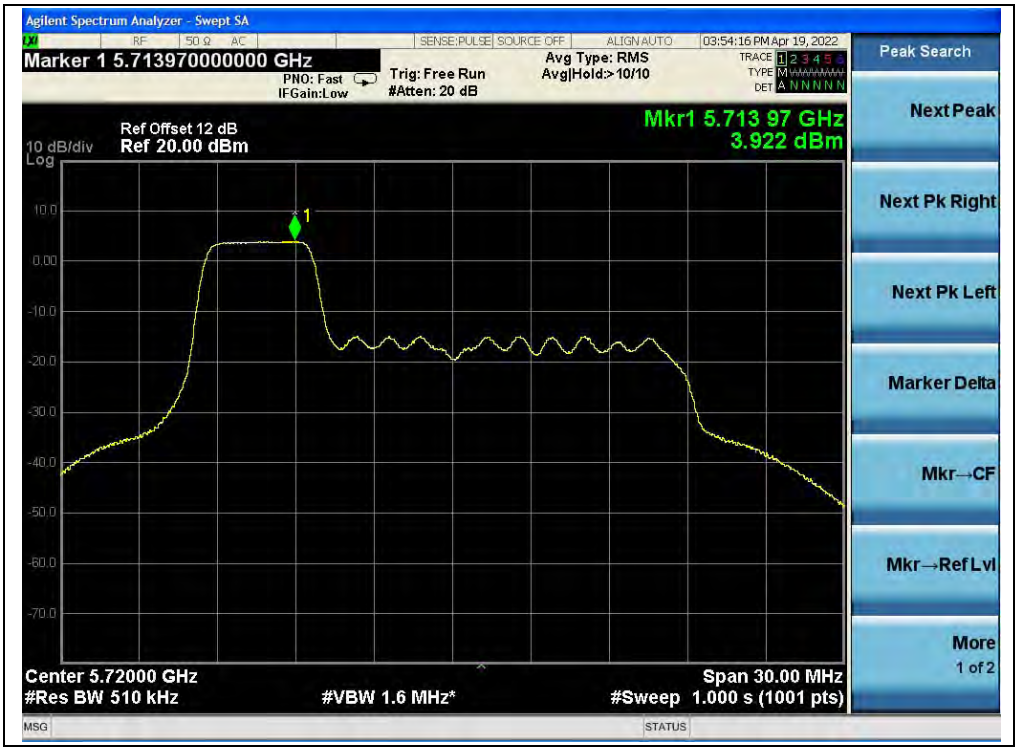
(Channel 60, 5300MHz, 802.11ax (HEW20) RU52, ANT0)

(Channel 64, 5320MHz, 802.11ax (HEW20) RU52, ANT0)

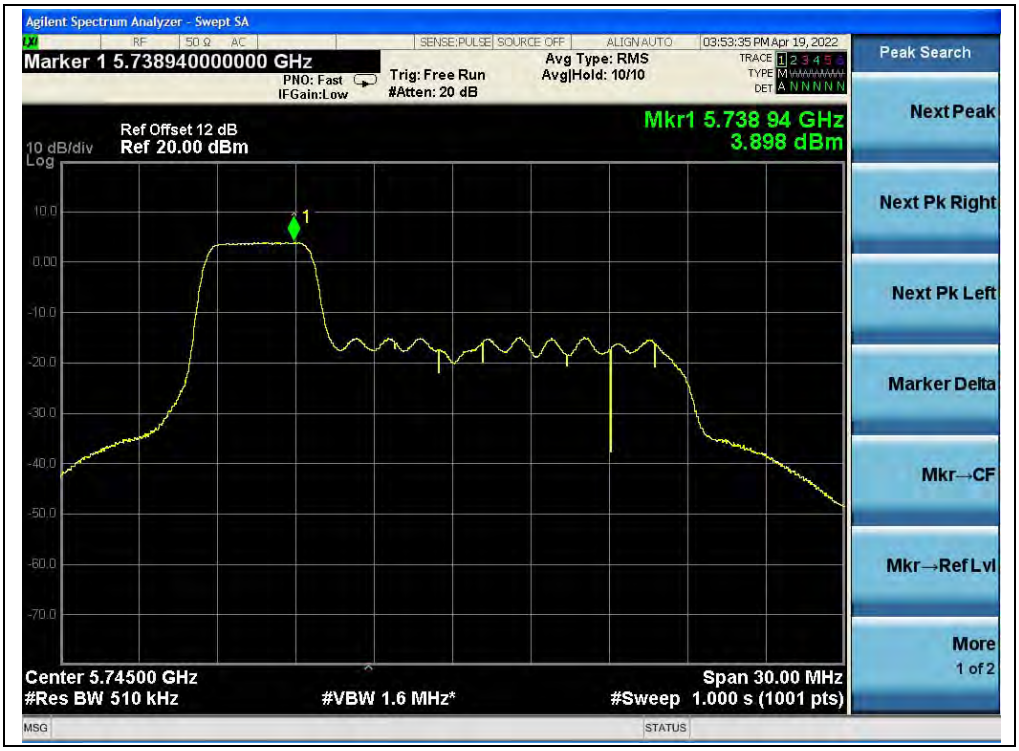
(Channel 100, 5500MHz, 802.11ax (HEW20) RU52, ANT0)

(Channel 120, 5600MHz, 802.11ax (HEW20) RU52, ANT0)

(Channel 144, 5720MHz, 802.11ax (HEW20) RU52, ANT0)

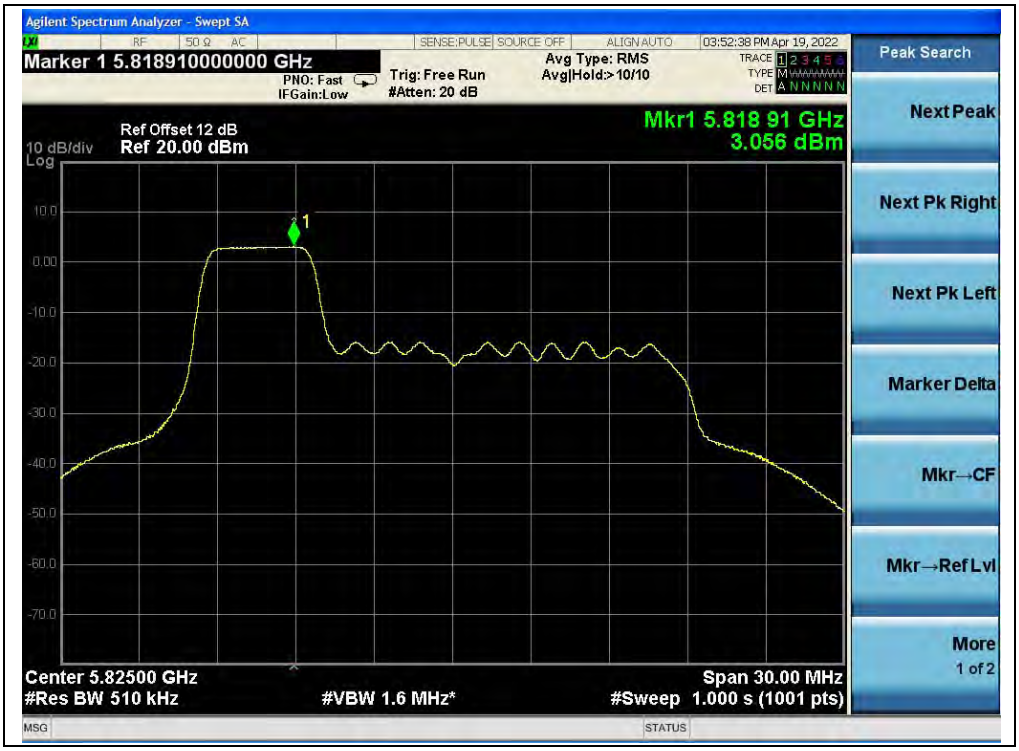


(Channel 144, 5720MHz, 802.11ax (HEW20) RU52, ANT0)



(Channel 149, 5745MHz, 802.11ax (HEW20) RU52, ANT0)

(Channel 157, 5785MHz, 802.11ax (HEW20) RU52, ANT0)



(Channel 165, 5825MHz, 802.11ax (HEW20) RU52, ANT0)

802.11ax (HEW20) RU106 Mode

A.Test Verdict:

Frequency (MHz)	Measured PPSD (dBm/MHz)		Duty Factor	Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
	ANT0	ANT1				
5180	5.16	2.34	0.00	6.99	11	PASS
5220	4.94	3.02		7.10		
5240	4.75	3.23		7.07		
5260	4.90	3.48		7.26		
5300	4.57	3.75		7.19		
5320	4.30	3.48		6.92		
5500	3.27	1.91		5.65		
5600	4.03	1.83		6.08		
5720	5.10	2.70		7.07		
Frequency (MHz)	Measured PPSD (dBm/500KHz)		Duty Factor	Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
	ANT0	ANT1				
5720	2.15	-0.18	0.00	4.15	30	PASS
5745	2.37	-0.34		4.25		
5785	1.87	0.00		4.07		
5825	1.00	-0.10		3.52		
Note: Directional gain = 2.7dBi +10log(2) = 5.71dBi＜6dBi, so the limit shall be 11dBm/MHz for 5.18-5.24GHz, 5.260-5.320GHz, 5.500-5.720GHz band and 30dBm/500KHz for 5.745-5.825GHz band.						

B.Test Plot:

(Channel 36, 5180MHz, 802.11ax (HEW20) RU106, ANT0)

(Channel 44, 5220MHz, 802.11ax (HEW20) RU106, ANT0)

(Channel 48, 5240MHz, 802.11ax (HEW20) RU106, ANT0)

(Channel 52, 5260MHz, 802.11ax (HEW20) RU106, ANT0)

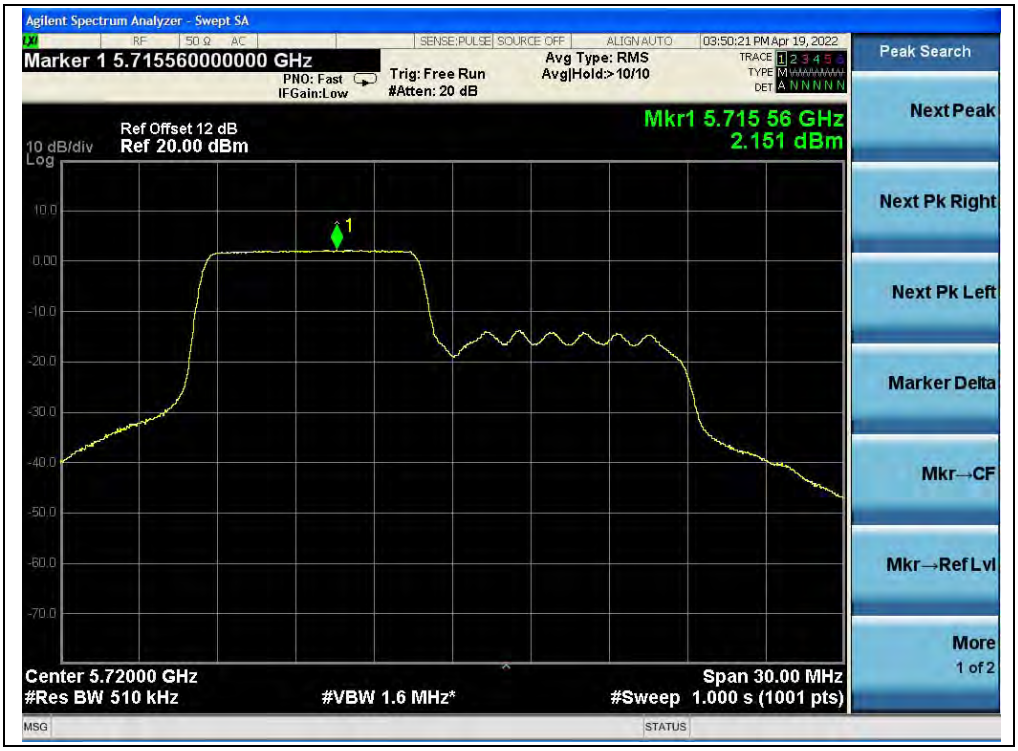
(Channel 60, 5300MHz, 802.11ax (HEW20) RU106, ANT0)

(Channel 64, 5320MHz, 802.11ax (HEW20) RU106, ANT0)

(Channel 100, 5500MHz, 802.11ax (HEW20) RU106, ANT0)

(Channel 120, 5600MHz, 802.11ax (HEW20) RU106, ANT0)

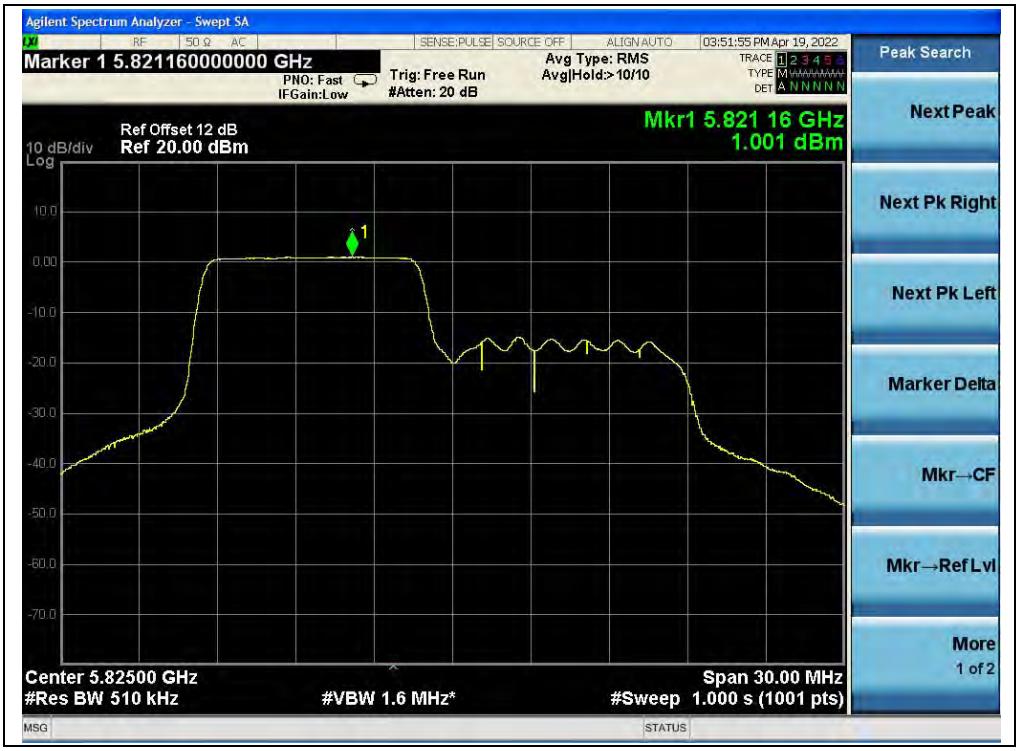
(Channel 144, 5720MHz, 802.11ax (HEW20) RU106, ANT0)



(Channel 144, 5720MHz, 802.11ax (HEW20) RU106, ANT0)

(Channel 149, 5745MHz, 802.11ax (HEW20) RU106, ANT0)

(Channel 157, 5785MHz, 802.11ax (HEW20) RU106, ANT0)



(Channel 165, 5825MHz, 802.11ax (HEW20) RU106, ANT0)

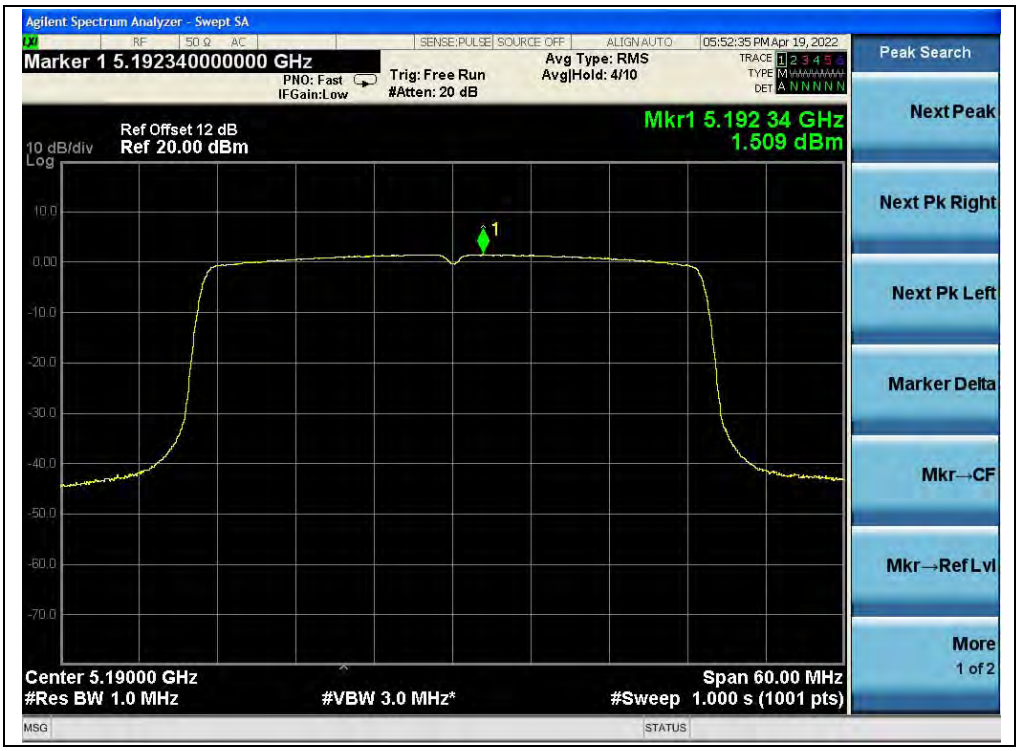
802.11ax (HEW40) Mode

A.Test Verdict:

Frequency (MHz)	Measured PPSD (dBm/MHz)		Duty Factor	Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
	ANT0	ANT1				
5190	1.51	0.64	0.02	4.13	11	PASS
5230	1.78	1.28		4.57		
5270	1.60	1.42		4.54		
5310	1.61	1.46		4.57		
5510	0.38	-0.23		3.12		
5630	1.02	-0.40		3.40		
5710	2.18	0.76		4.56		
Frequency (MHz)	Measured PPSD (dBm/500KHz)		Duty Factor	Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
	ANT0	ANT1				
5710	-0.74	-2.12	0.02	1.65	30	PASS
5755	-0.95	-2.24		1.48		
5795	-1.51	-2.14		1.22		

Note: Directional gain = 2.7dBi +10log(2) = 5.71dBi＜6dBi, so the limit shall be 11dBm/MHz for 5.18-5.24GHz, 5.260-5.320GHz, 5.500-5.720GHz band and 30dBm/500KHz for 5.745-5.825GHz band.

B.Test Plot:



(Channel 38, 5190MHz, 802.11ax (HEW40), ANT0)

(Channel 46, 5230MHz, 802.11ax (HEW40), ANT0)