



Agencia de Regulacion y Control de las Telecomunicaciones (ARCOTEL)

February 27, 2018

To whom it may concern:

Declaration

We, **Intel® Corporation** hereby declare that our equipment **Intel®NUC, model:NUC7JY, brand: Intel** will be configured to operate with the following specifications:

Mode	Fundamental Range (MHz)		Channel Number
802.11b	2412-2472		13
802.11g			13
802.11n-HT20			13
802.11n-HT40	2422-2462		9
BT	2402-2480		79
BLE	2402-2480		40
Mode	UNII Band	Fundamental Range (MHz)	Channel Number
802.11a	I	5180-5240	4
	II	5260-5320	4
	III	5500-5700	11
802.11n-HT20/ 802.11ac-VHT20	I	5180-5240	4
	II	5260-5320	4
	III	5500-5700	11
802.11n-HT40/ 802.11ac-VHT40	I	5190-5230	2
	II	5270-5310	2
	III	5510-5670	5
802.11ac-VHT80	I	5210	1
	II	5290	1
	III	5530-5610	2
	IV	5745-5825	5
	IV	5745-5825	5
	IV	5755-5795	2
	IV	5775	1

Mode	Modulation	Data Rate (Mbps)
802.11b	DSSS (DBPSK/DQPSK/CCK)	Up to 11
802.11g	OFDM (BPSK/QPSK/16QAM/64QAM)	Up to 54
802.11n-HT20		Up to 144.4
802.11n-HT40		Up to 300
BT	FHSS (GFSK, π /4DQPSK, 8-DPSK)	1/2/3
BLE	GFSK	1
Mode	Modulation	Data Rate (Mbps)
802.11a	OFDM (BPSK/QPSK/16QAM/64QAM)	Up to 54
802.11n-HT20	OFDM (BPSK/QPSK/16QAM/64QAM)	Up to 144.4

802.11n-HT40	OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)	Up to 300
802.11ac-HT20		Up to 173.3
802.11ac-HT40		Up to 400
802.11ac-VHT80		Up to 866.7

802.11 b/g/n-HT20 Channel List					
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
1	2412	6	2437	11	2462
2	2417	7	2442	12	2467
3	2422	8	2447	13	2472
4	2427	9	2452		
5	2432	10	2457		

802.11n-HT40 Channel List					
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
3	2422	6	2437	9	2452
4	2427	7	2442	10	2457
5	2432	9	2452	11	2462

BT Channel List							
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
00	2402	20	2422	40	2442	60	2462
01	2403	21	2423	41	2443	61	2463
02	2404	22	2424	42	2444	62	2464
03	2405	23	2425	43	2445	63	2465
04	2406	24	2426	44	2446	64	2466
05	2407	25	2427	45	2447	65	2467
06	2408	26	2428	46	2448	66	2468
07	2409	27	2429	47	2449	67	2469
08	2410	28	2430	48	2450	68	2470
09	2411	29	2431	49	2451	69	2471
10	2412	30	2432	50	2452	70	2472
11	2413	31	2433	51	2453	71	2473
12	2414	32	2434	52	2454	72	2474
13	2415	33	2435	53	2455	73	2475
14	2416	34	2436	54	2456	74	2476
15	2417	35	2437	55	2457	75	2477
16	2418	36	2438	56	2458	76	2478
17	2419	37	2439	57	2459	77	2479
18	2420	38	2440	58	2460	78	2480
19	2421	39	2441	59	2461		

BLE Channel List							
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
37	2402	09	2422	18	2442	28	2462
00	2404	10	2424	19	2444	29	2464
01	2406	38	2426	20	2446	30	2466
02	2408	11	2428	21	2448	31	2468
03	2410	12	2430	22	2450	32	2470
04	2412	13	2432	23	2452	33	2472
05	2414	14	2434	24	2454	34	2474
06	2416	15	2436	25	2456	35	2476
07	2418	16	2438	26	2458	36	2478
08	2420	17	2440	27	2460	39	2480

Channel List					
802.11a/802.11n-HT20/802.11ac-VHT20					
UNII Band	Channel Number	Frequency (MHz)	UNII Band	Channel Number	Frequency (MHz)
IV	149	5745	IV	161	5805
	153	5765		165	5825
	157	5785			

Channel List					
802.11n-HT40/802.11ac-VHT40					
UNII Band	Channel Number	Frequency (MHz)	UNII Band	Channel Number	Frequency (MHz)
IV	151	5755	IV	159	5795

Channel List		
802.11ac-VHT80		
UNII Band	Channel Number	Frequency (MHz)
IV	155	5775

Channel List					
802.11a/802.11n-HT20/802.11ac-VHT20					
UNII Band	Channel Number	Frequency (MHz)	UNII Band	Channel Number	Frequency (MHz)
I	36	5180	III	100	5500
	40	5200		104	5520
	44	5220		108	5540
	48	5240		112	5560
II	52	5260		116	5580
	56	5280		120	5600
	60	5300		124	5620
	64	5320		128	5640
				132	5660
				136	5680
				140	5700

Channel List					
802.11n-HT40/802.11ac-VHT40					
UNII Band	Channel Number	Frequency (MHz)	UNII Band	Channel Number	Frequency (MHz)
I	38	5190	III	102	5510
	46	5230		110	5550
II	54	5270		118	5590
	62	5310		126	5630
				134	5670

Channel List					
802.11ac-VHT80					
UNII Band	Channel Number	Frequency (MHz)	UNII Band	Channel Number	Frequency (MHz)
I	42	5210	III	106	5530
II	58	5290		122	5610

This declaration is issued for the purpose of applying for type approval certification for the above-identified product with ARCOTEL.

If you have any questions or concerns about the information in this declaration, please feel free to contact the undersigned.

Sincerely,



Name : Neelima Velagapudi
Title : Product Regulatory Engineer
Phone : +1 503-696-0354
Email : neelima.velagapudi@intel.com
2200 Mission College Blvd, Santa Clara, CA 95054-1549, USA.