

14. Maximum Power Spectral Density

Reference: FCC title 47 part 15 §15.407(a) / ISED RSS-247, Issue 3 (section 6.2),

Test method: KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F, ANSI C63.10-2013

Limits			
Frequency band	Condition	PSD limit	Maximum antenna gain ¹
5150 – 5250 MHz	Access point, indoor	17 dBm/MHz	6 dBi
5150 – 5250 MHz	Access point, outdoor	17 dBm/MHz	6 dBi
5150 – 5250 MHz	Access point, fixed point to point	17 dBm/MHz	23 dBi
5150 – 5250 MHz	Client	11 dBm/MHz	6 dBi
5250 – 5350 MHz	All devices	11 dBm/MHz	6 dBi
5470 – 5725 MHz	All devices	11 dBm/MHz	6 dBi
5725 – 5850 MHz	All device	30 dBm/500 kHz	6 dBi

Note 1: The power density limit must be reduced by amount in dB that the gain exceeds the maximum allowed gain

Test procedure
1. EUT transmitter is activated in test mode under normal conditions
2. The spectrum analyzer is set to rms detection with a span over the emission bandwidth
3. The resolution bandwidth is set to 1 MHz / 500 kHz and video bandwidth to ≥ 3 MHz
4. The number of sweep points is set to $\geq 2 \times \text{span} / \text{RBW}$ and the sweep time is set to auto
5. Trace averaging is set to 100
6. The maximum of the emission envelope is determined
7. The duty cycle ($10 \times \text{Log}_{10}(1/\text{Duty cycle})$) correction is added to the measurement result

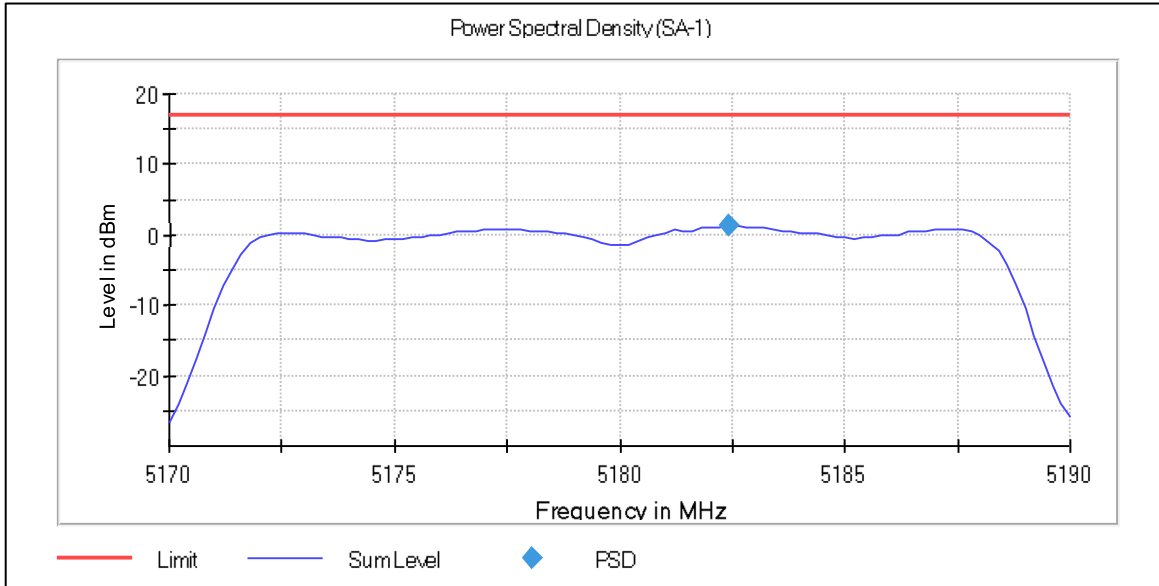
Power Spectral Density, Summary, results U-NII-1

Mode / modulation	Channel	DUT Frequency (MHz)	Nominal BW (MHz)	PSD (dBm)	Limit Max (dBm/MHz)	Result
U-NII-1, 802.11a, ch36, 20 MHz, 24 Mbps	36	5182.400000	20	1.194	17.0	PASS
U-NII-1, 802.11a, ch44, 20 MHz, 24 Mbps	44	5217.000000	20	2.929	17.0	PASS
U-NII-1, 802.11a, ch48, 20 MHz, 24 Mbps	48	5242.800000	20	2.781	17.0	PASS
U-NII-1, 802.11n, ch36, 20 MHz, MCS1	36	5182.400000	20	-0.174	17.0	PASS
U-NII-1, 802.11n, ch44, 20 MHz, MCS1	44	5222.600000	20	1.778	17.0	PASS
U-NII-1, 802.11n, ch48, 20 MHz, MCS1	48	5242.400000	20	1.549	17.0	PASS
U-NII-1, 802.11n, ch38, 40 MHz, MCS0	36+40	5194.800000	40	-3.029	17.0	PASS
U-NII-1, 802.11n, ch46, 40 MHz, MCS0	44+48	5214.400000	40	-1.971	17.0	PASS
U-NII-1, 802.11ac, ch36, 20 MHz, MCS2	36	5182.400000	20	-0.222	17.0	PASS
U-NII-1, 802.11ac, ch44, 20 MHz, MCS2	44	5222.400000	20	2.045	17.0	PASS
U-NII-1, 802.11ac, ch48, 20 MHz, MCS2	48	5242.600000	20	1.554	17.0	PASS
U-NII-1, 802.11ac, ch38, 40 MHz, MCS5	36+40	5195.200000	40	-3.029	17.0	PASS

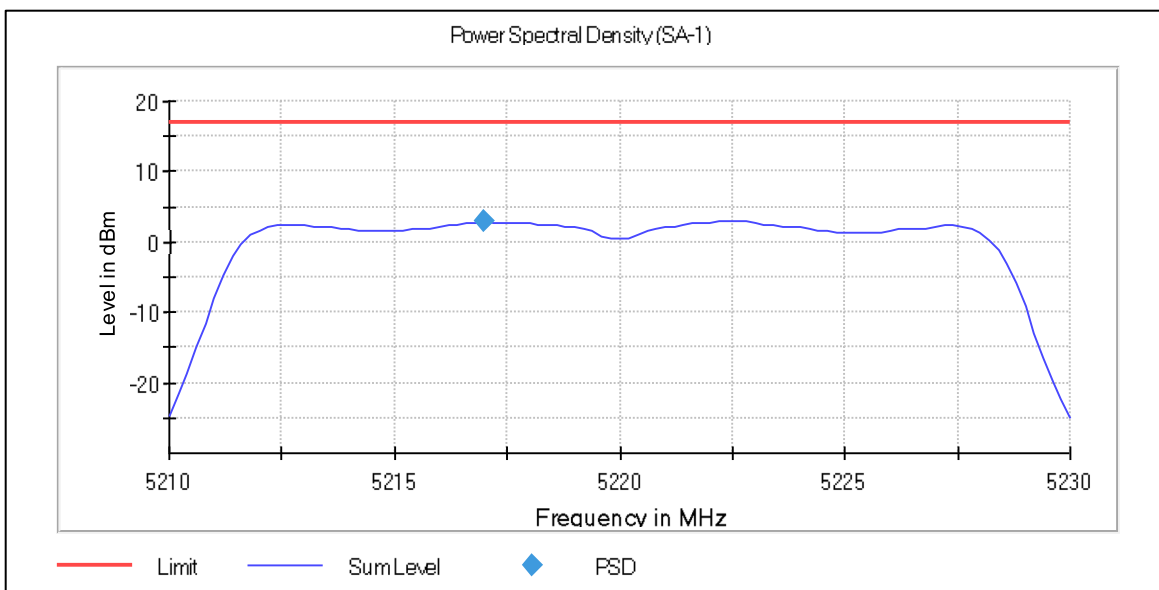
Mode / modulation	Channel	DUT Frequency (MHz)	Nominal BW (MHz)	PSD (dBm)	Limit Max (dBm/MHz)	Result
U-NII-1, 802.11ac, ch46, 40 MHz, MCS5	44+48	5214.400000	40	-2.178	17.0	PASS
U-NII-1, 802.11ac, ch42, 80 MHz, MCS0	36+40+44+48	5225.345912	80	-7.351	17.0	PASS
U-NII-1, 802.11ax HE-SU, ch36, 20 MHz, MCS2	36	5182.200000	20	0.627	17.0	PASS
U-NII-1, 802.11ax HE-SU, ch44, 20 MHz, MCS2	44	5217.800000	20	2.067	17.0	PASS
U-NII-1, 802.11ax HE-SU, ch48, 20 MHz, MCS2	48	5237.800000	20	1.486	17.0	PASS
U-NII-1, 802.11ax HE-SU, ch38, 40 MHz, MCS1	36+40	5195.200000	40	-2.818	17.0	PASS
U-NII-1, 802.11ax HE-SU, ch46, 40 MHz, MCS1	44+48	5224.800000	40	-1.775	17.0	PASS
U-NII-1, 802.11ax HE-SU, ch42, 80 MHz, MCS0	36+40+44+48	5225.345912	80	-6.643	17.0	PASS
U-NII-1, 802.11ax HE-TB Full RU, ch36, 20 MHz, MCS0	36	5182.400000	20	-4.343	17.0	PASS
U-NII-1, 802.11ax HE-TB Full RU, ch44, 20 MHz, MCS0	44	5217.400000	20	-4.187	17.0	PASS
U-NII-1, 802.11ax HE-TB Full RU, ch48, 20 MHz, MCS0	48	5242.000000	20	-4.462	17.0	PASS
U-NII-1, 802.11ax HE-TB Full RU, ch38, 40 MHz, MCS0	36+40	5205.200000	40	-9.083	17.0	PASS
U-NII-1, 802.11ax HE-TB Full RU, ch46, 40 MHz, MCS0	44+48	5214.800000	40	-7.261	17.0	PASS
U-NII-1, 802.11ax HE-TB Full RU, ch42, 80 MHz, MCS0	36+40+44+48	5232.389937	80	-18.399	17.0	PASS
RBW = 1 MHz						

Test result U-NII-1:

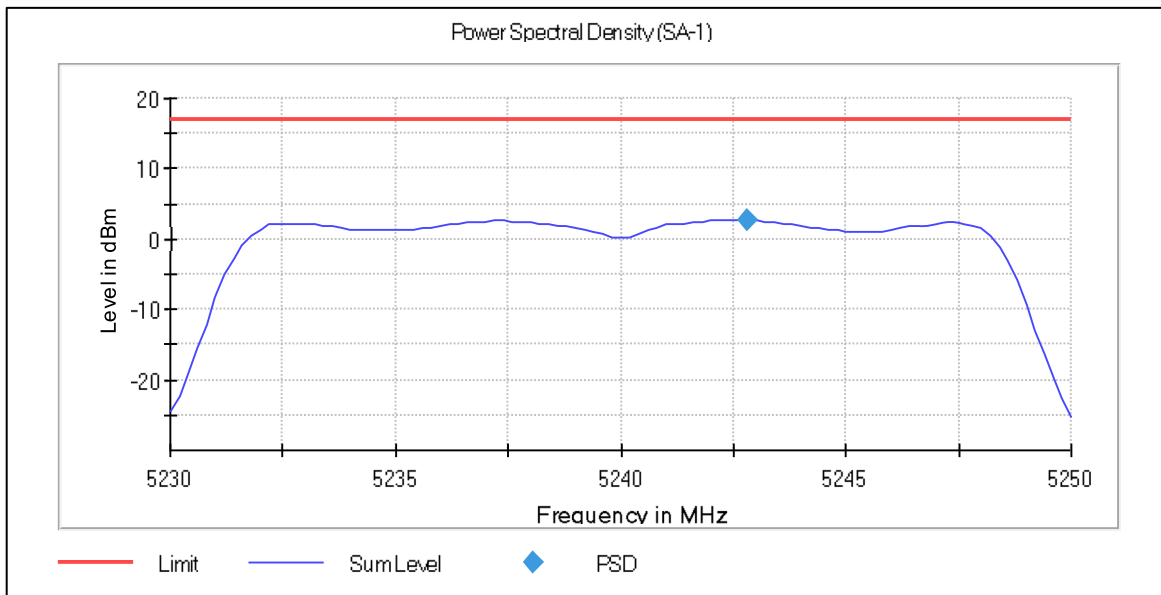
Power Spectral Density, UNII-1, 802.11a, 20 MHz, 24Mbps, ch36



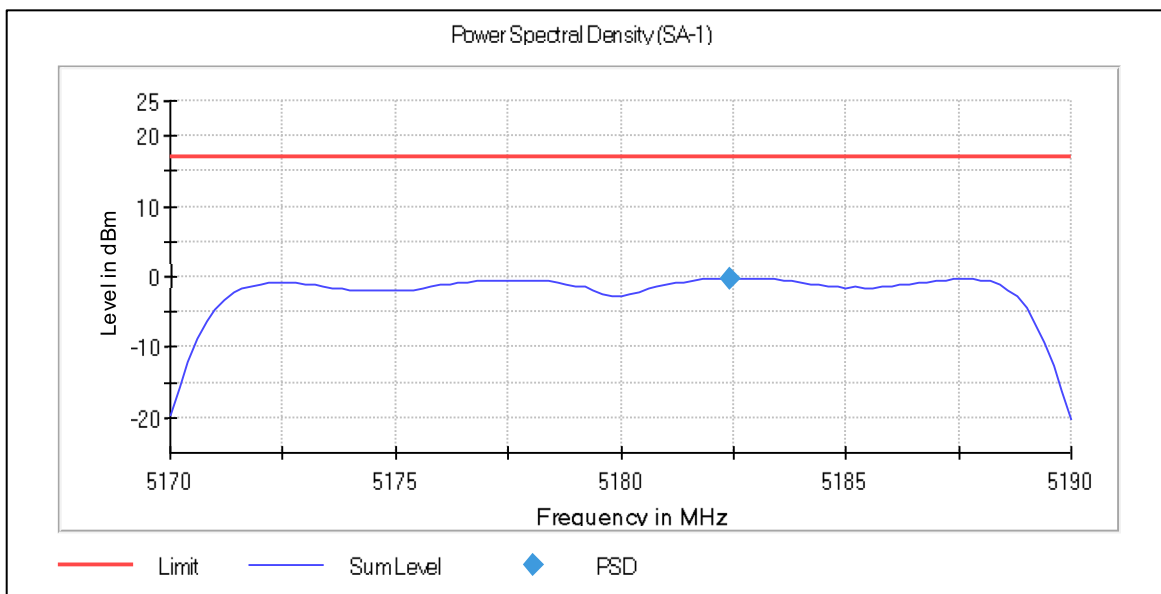
Power Spectral Density, UNII-1, 802.11a, 20 MHz, 24Mbps, ch44



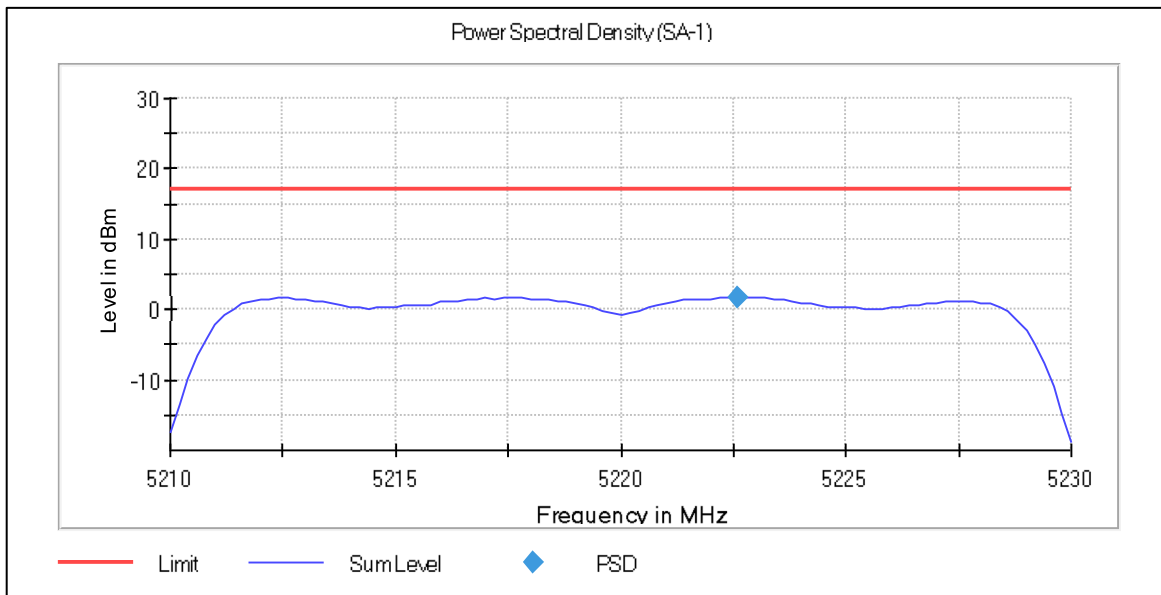
Power Spectral Density, UNII-1, 802.11a, 20 MHz, 24Mbps, ch48



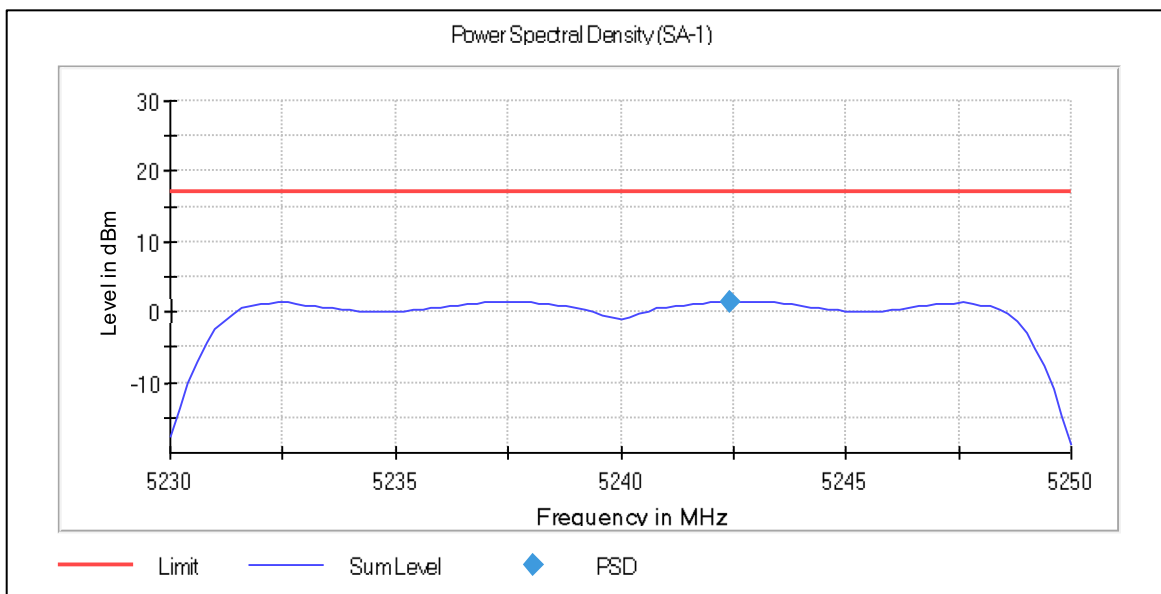
Power Spectral Density, UNII-1, 802.11n, 20 MHz, MCS1, ch36



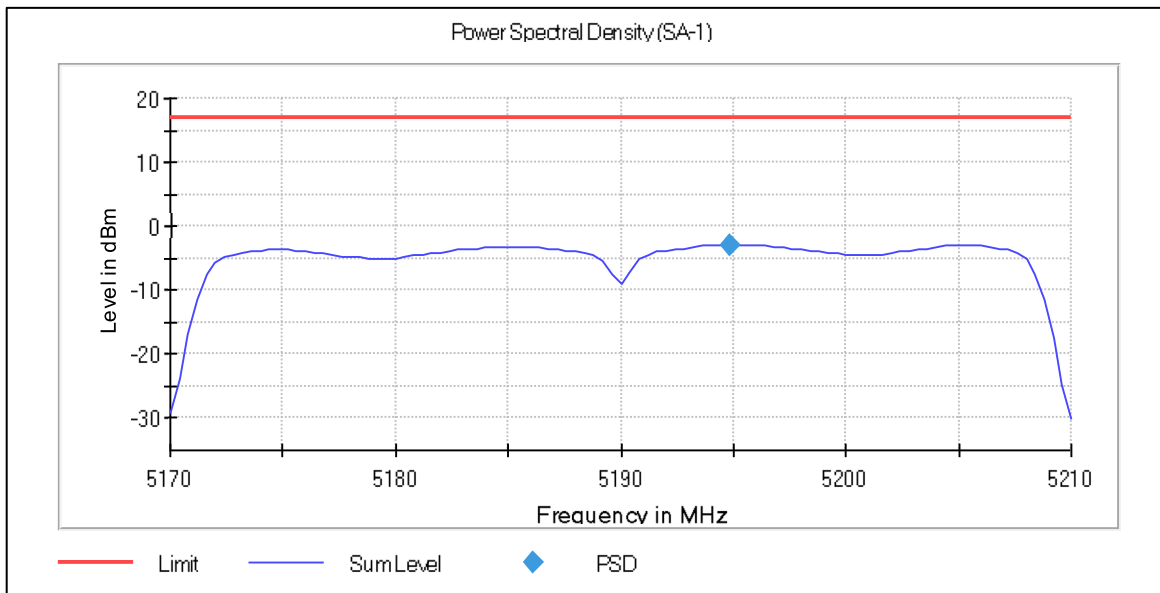
Power Spectral Density, UNII-1, 802.11n, 20 MHz, MCS1, ch44



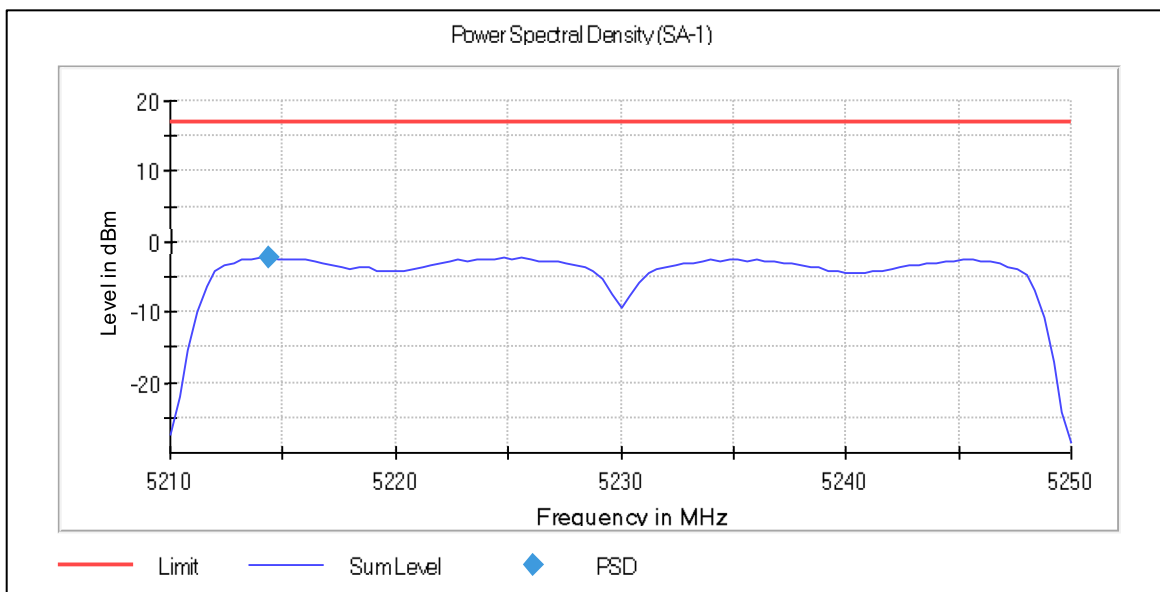
Power Spectral Density, UNII-1, 802.11n, 20 MHz, MCS1, ch48



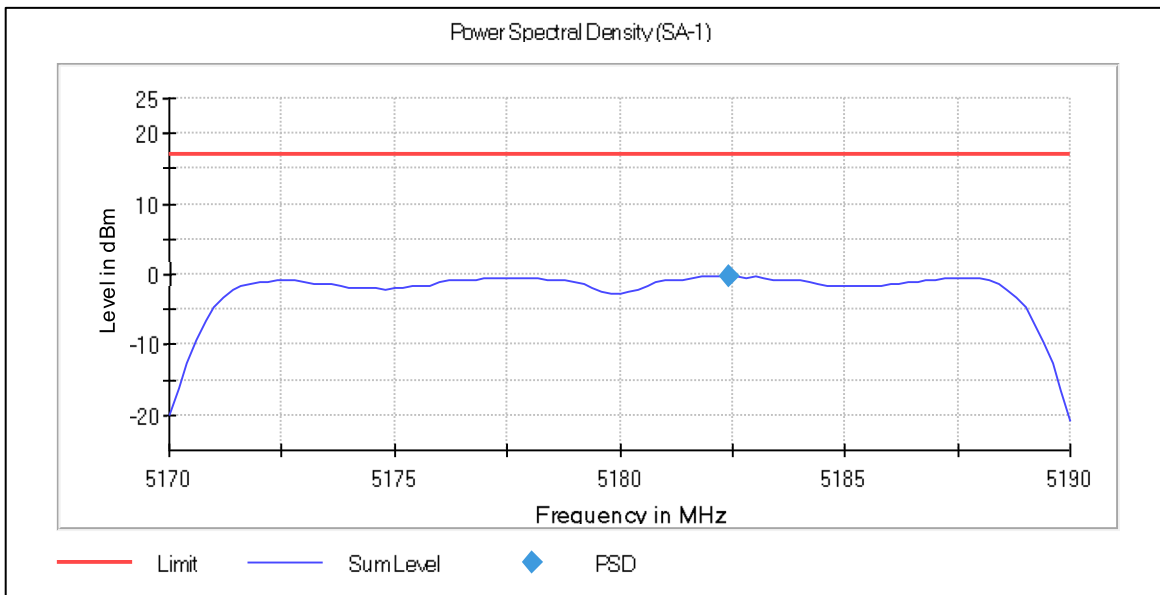
Power Spectral Density, UNII-1, 802.11n, 40 MHz, MCS0, ch38



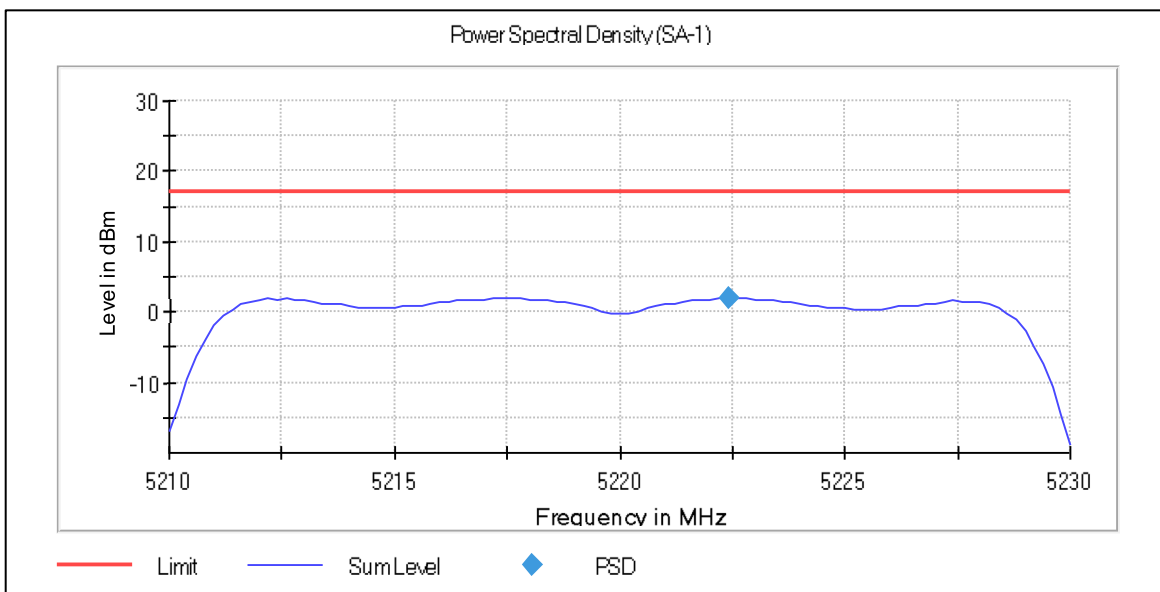
Power Spectral Density, UNII-1, 802.11n, 40 MHz, MCS0, ch46



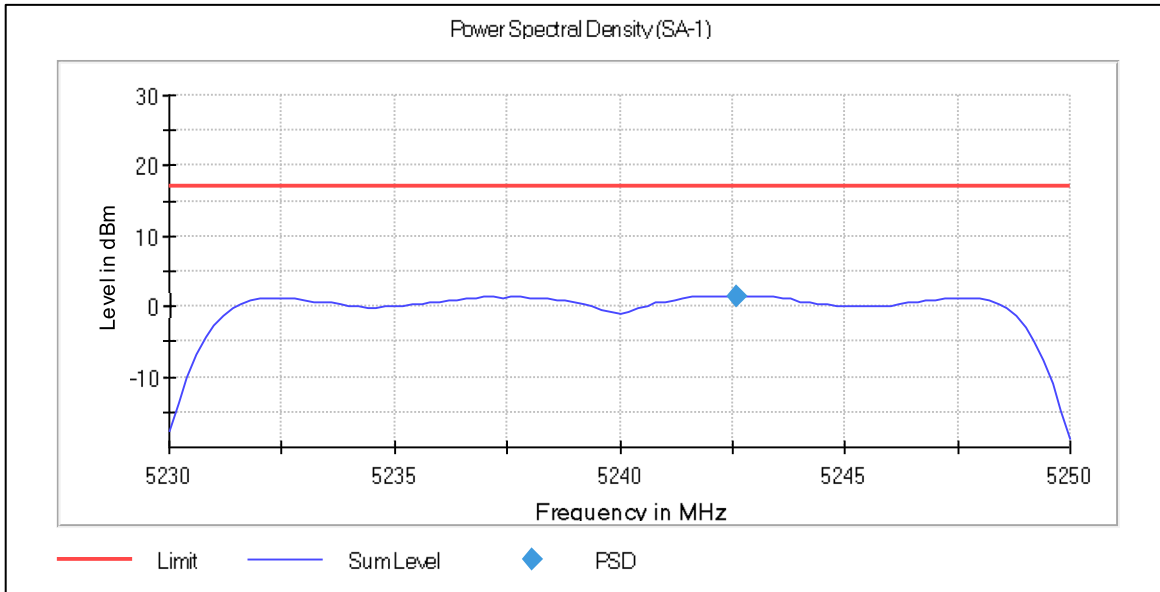
Power Spectral Density, UNII-1, 802.11ac, 20 MHz, MCS2, ch36



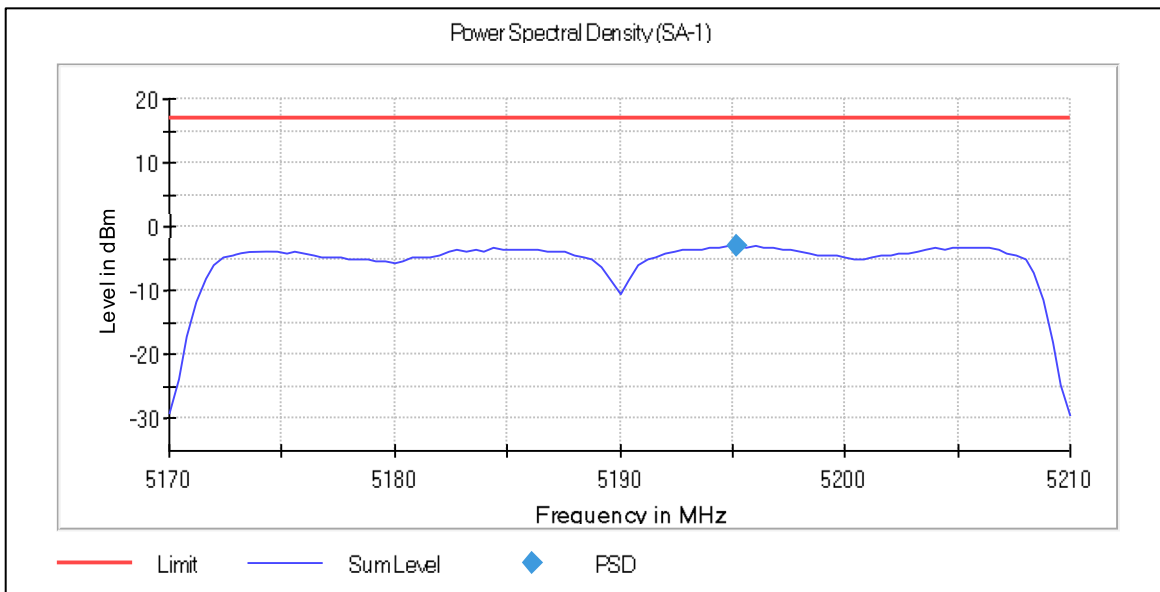
Power Spectral Density, UNII-1, 802.11ac, 20 MHz, MCS2, ch44



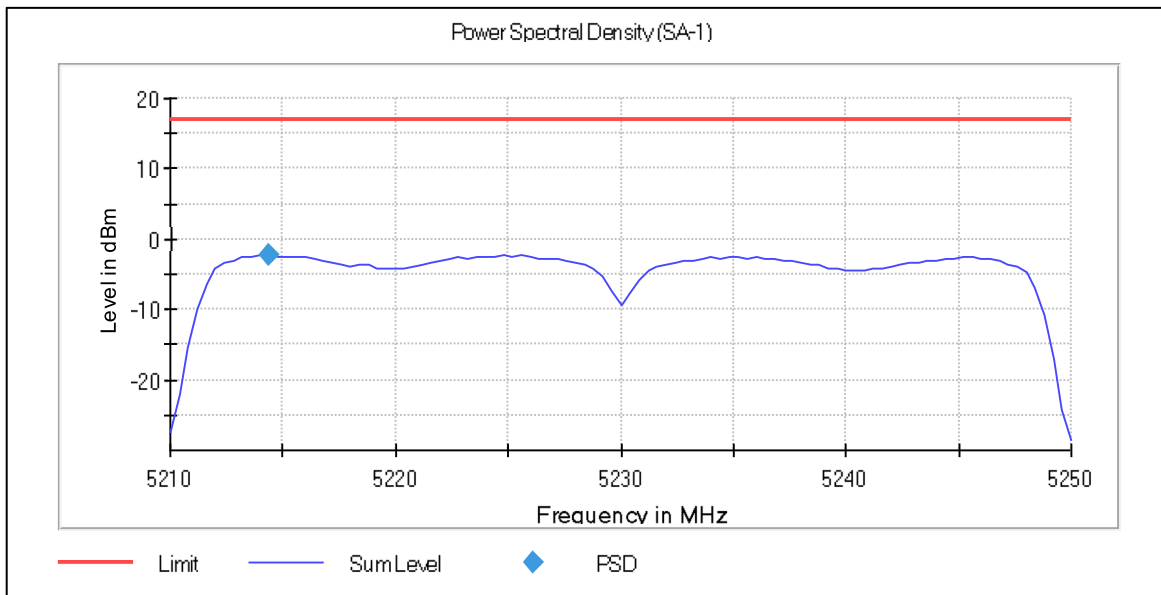
Power Spectral Density, UNII-1, 802.11ac, 20 MHz, MCS2, ch48



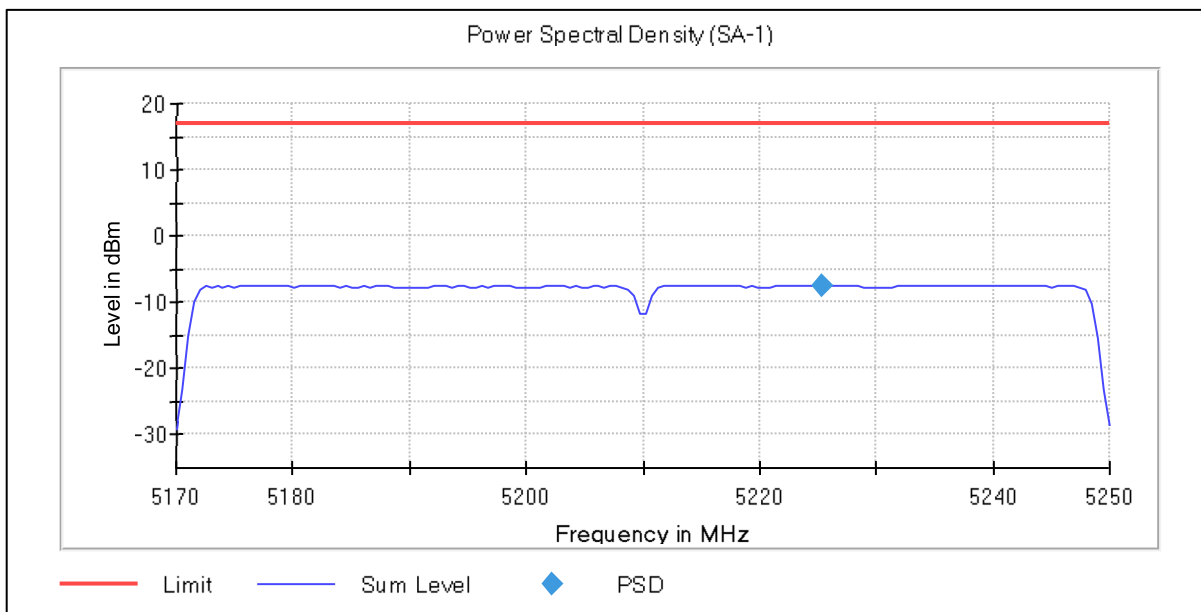
Power Spectral Density, UNII-1, 802.11ac, 40 MHz, MCS5, ch38



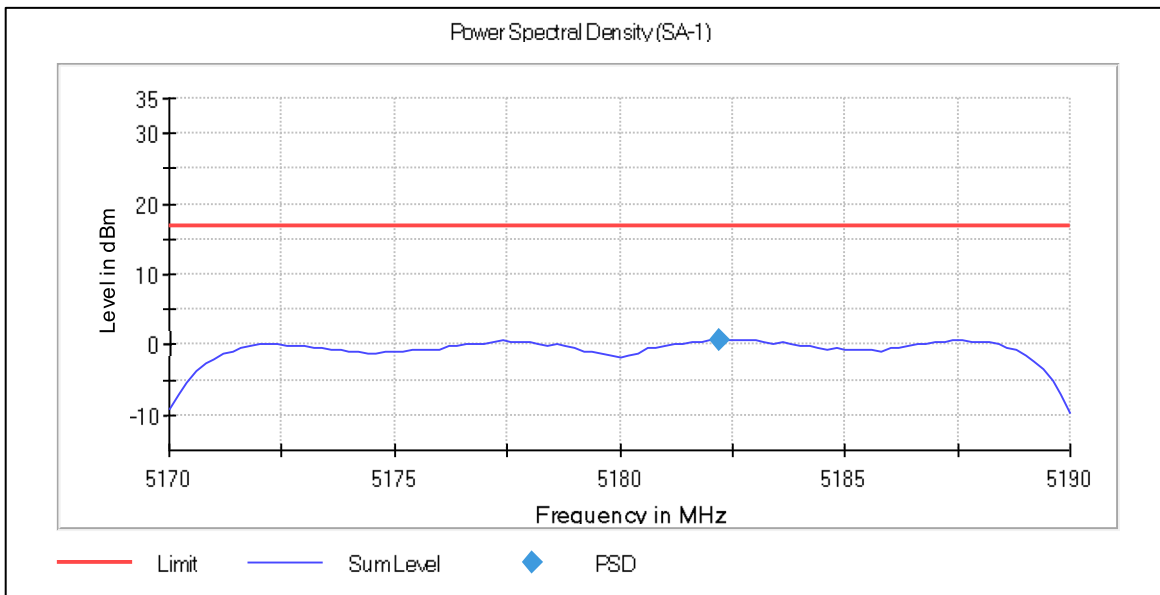
Power Spectral Density, UNII-1, 802.11ac, 40 MHz, MCS5, ch46



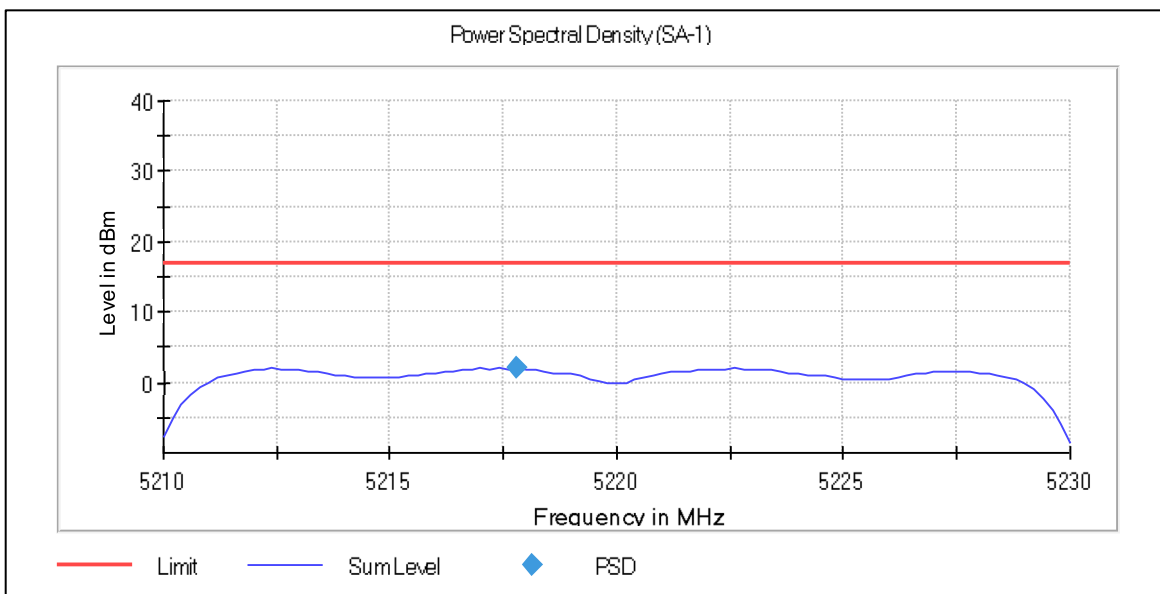
Power Spectral Density, UNII-1, 802.11ac, 80 MHz, MCS0, ch42



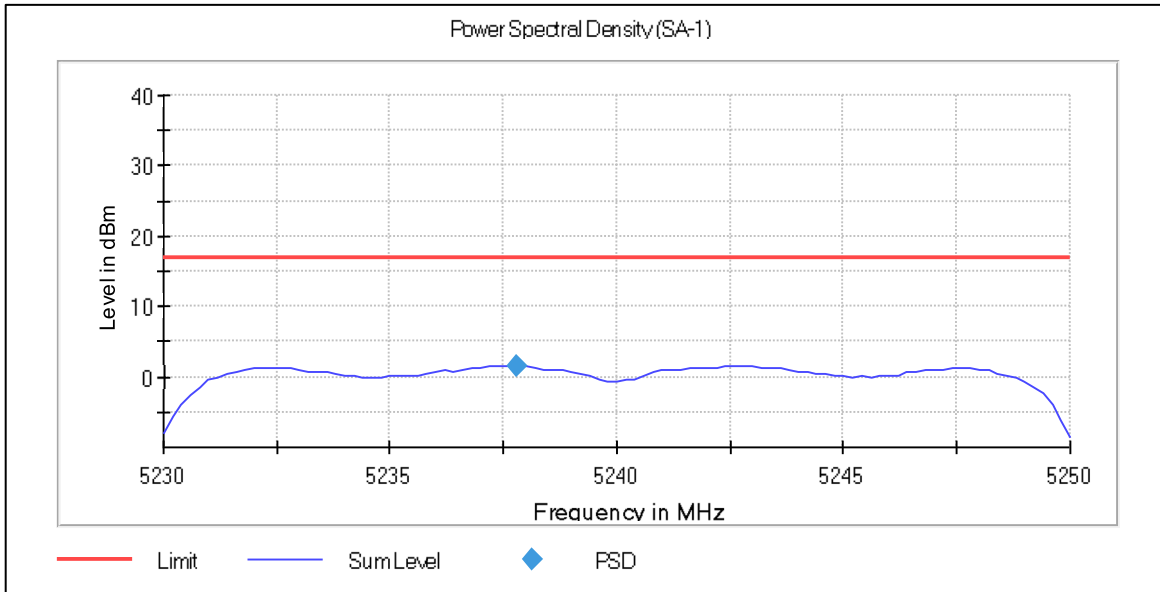
Power Spectral Density, UNII-1, 802.11ax HE-SU, 20 MHz, MCS2, ch36



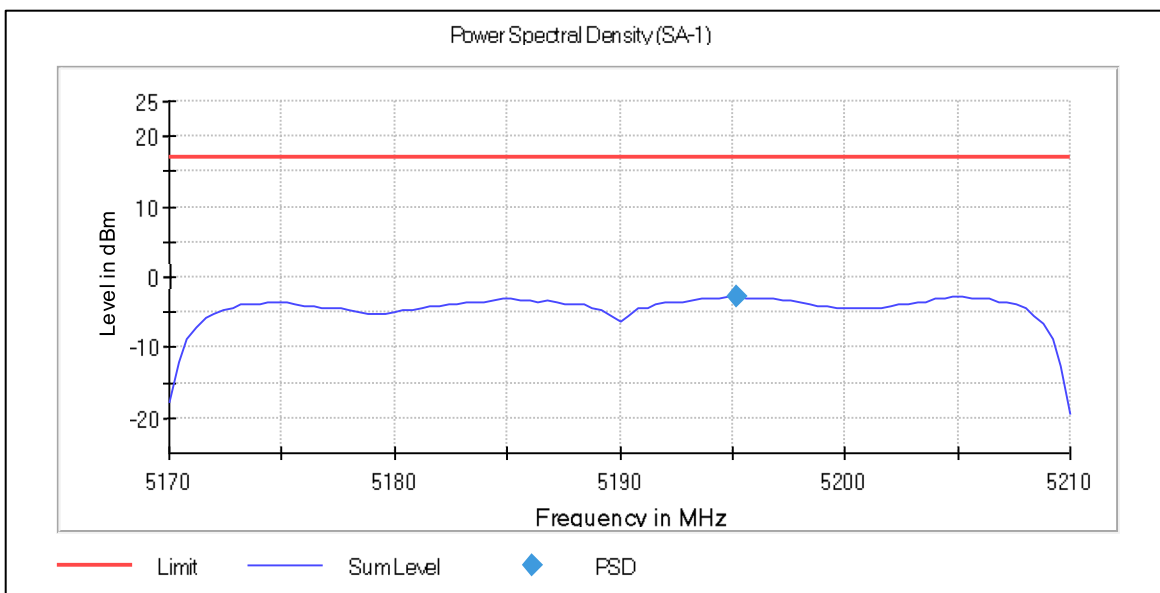
Power Spectral Density, UNII-1, 802.11ax HE-SU, 20 MHz, MCS2, ch44



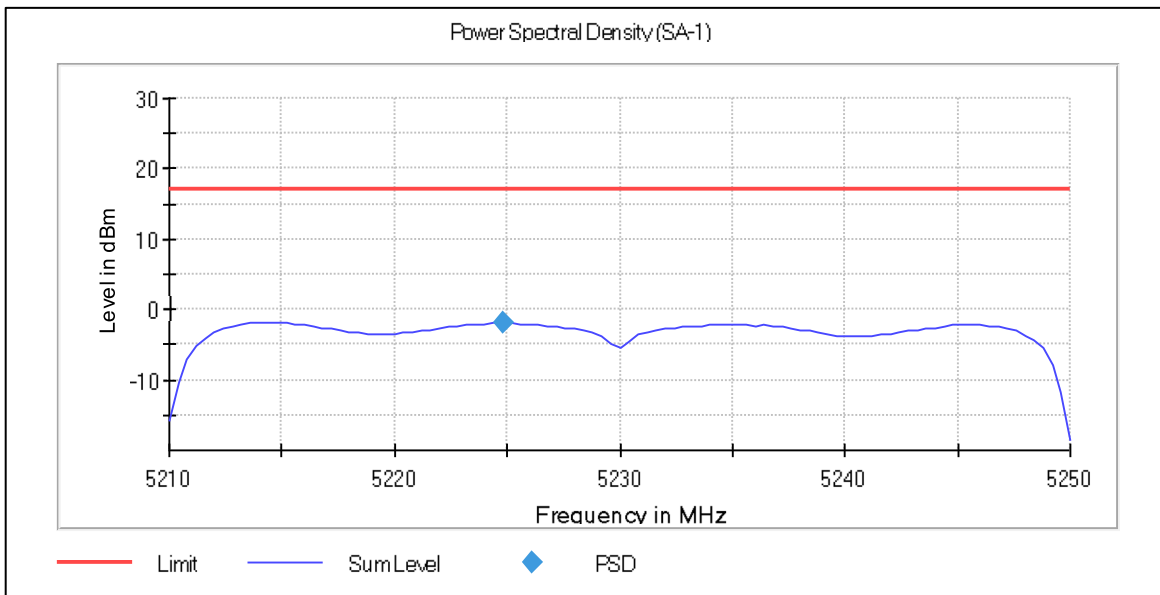
Power Spectral Density, UNII-1, 802.11ax HE-SU, 20 MHz, MCS2, ch48



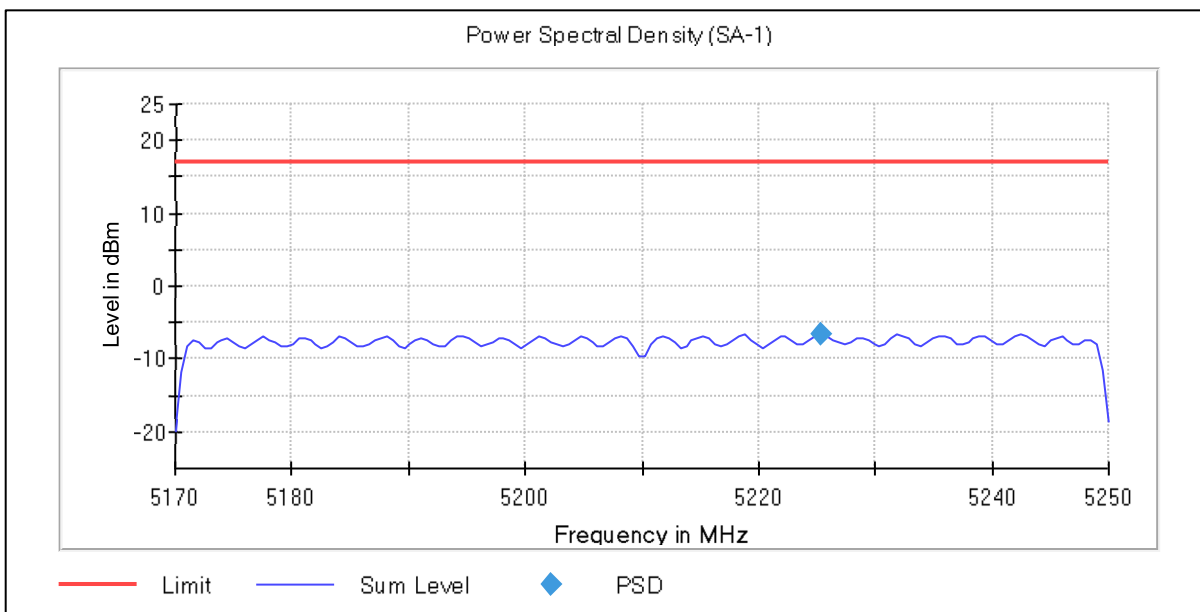
Power Spectral Density, UNII-1, 802.11ax HE-SU, 40 MHz, MCS1, ch38



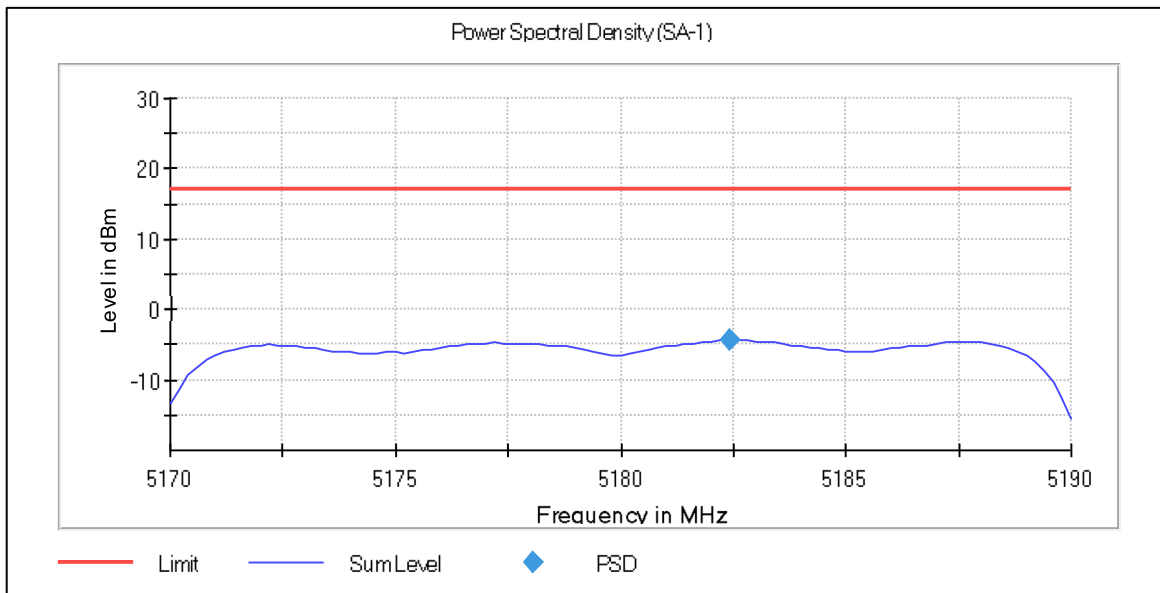
Power Spectral Density, UNII-1, 802.11ax HE-SU, 40 MHz, MCS1, ch46



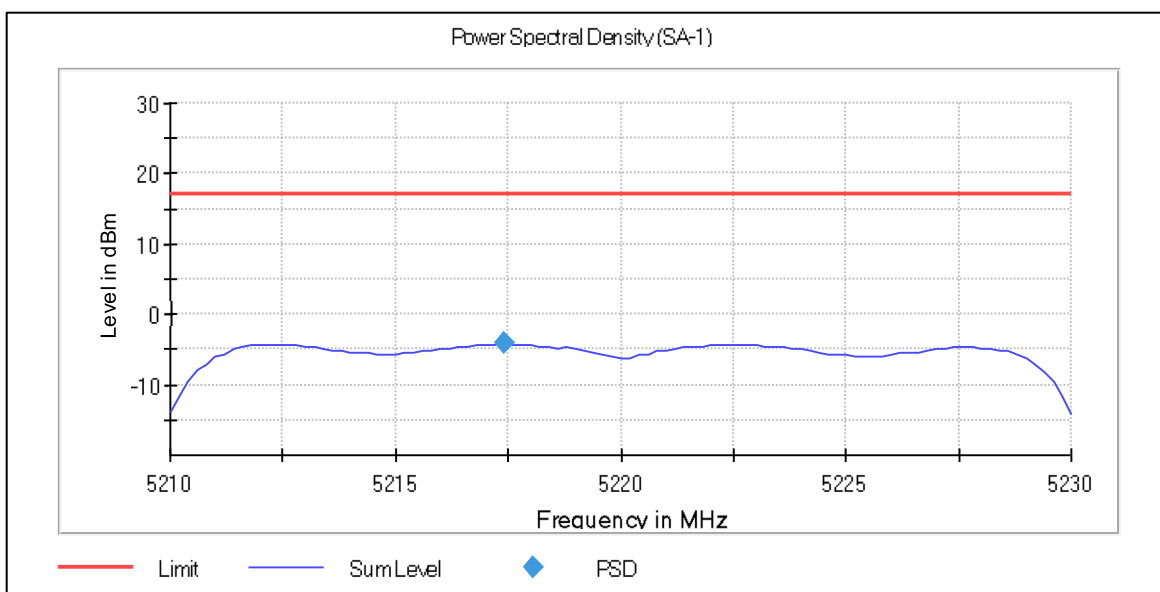
Power Spectral Density, UNII-1, 802.11ax HE-SU, 80 MHz, MCS0, ch42



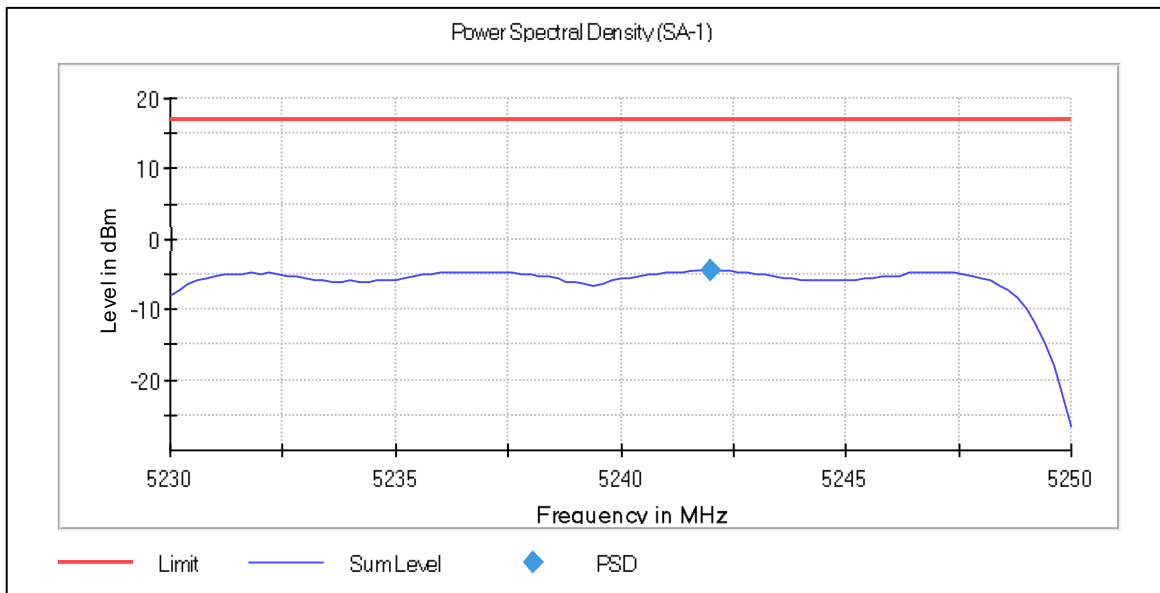
Power Spectral Density, UNII-1, 802.11ax HE-TB Full RU, 20 MHz, MCS0, ch36



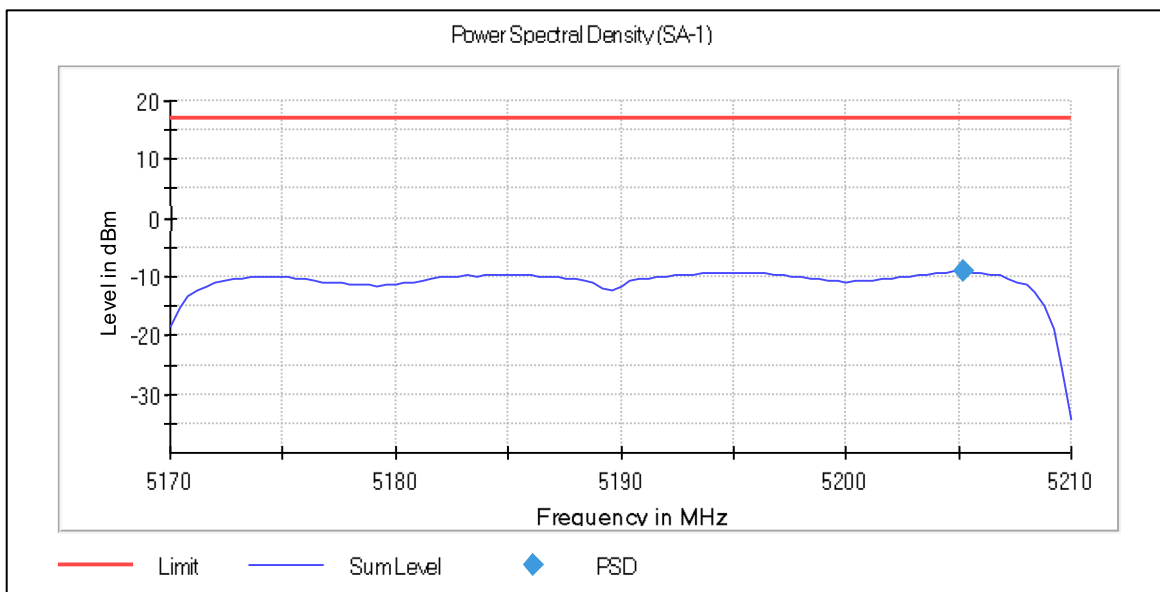
Power Spectral Density, UNII-1, 802.11ax HE-TB Full RU, 20 MHz, MCS0, ch44



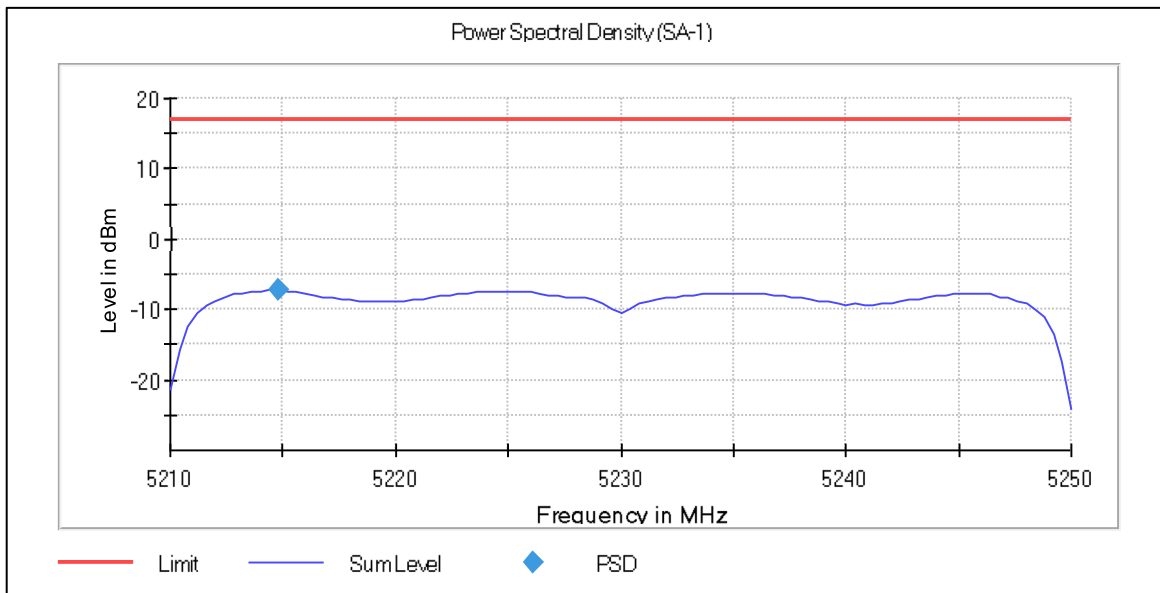
Power Spectral Density, UNII-1, 802.11ax HE-TB Full RU, 20 MHz, MCS0, ch48



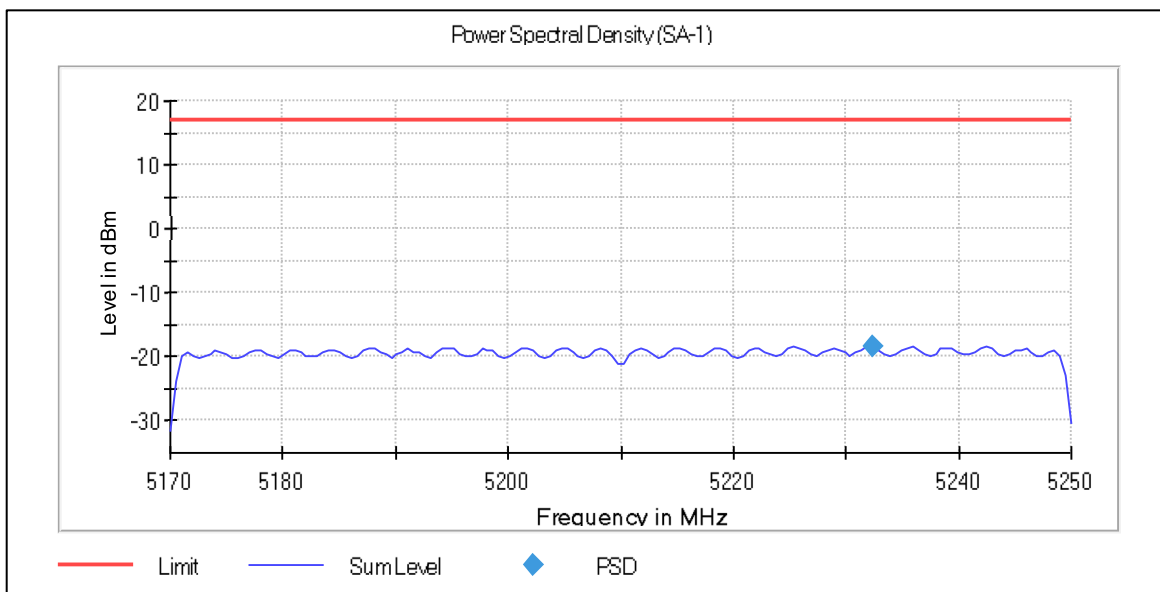
Power Spectral Density, UNII-1, 802.11ax HE-TB Full RU, 40 MHz, MCS0, ch38



Power Spectral Density, UNII-1, 802.11ax HE-TB Full RU, 40 MHz, MCS0, ch46



Power Spectral Density, UNII-1, 802.11ax HE-TB Full RU, 80 MHz, MCS0, ch42

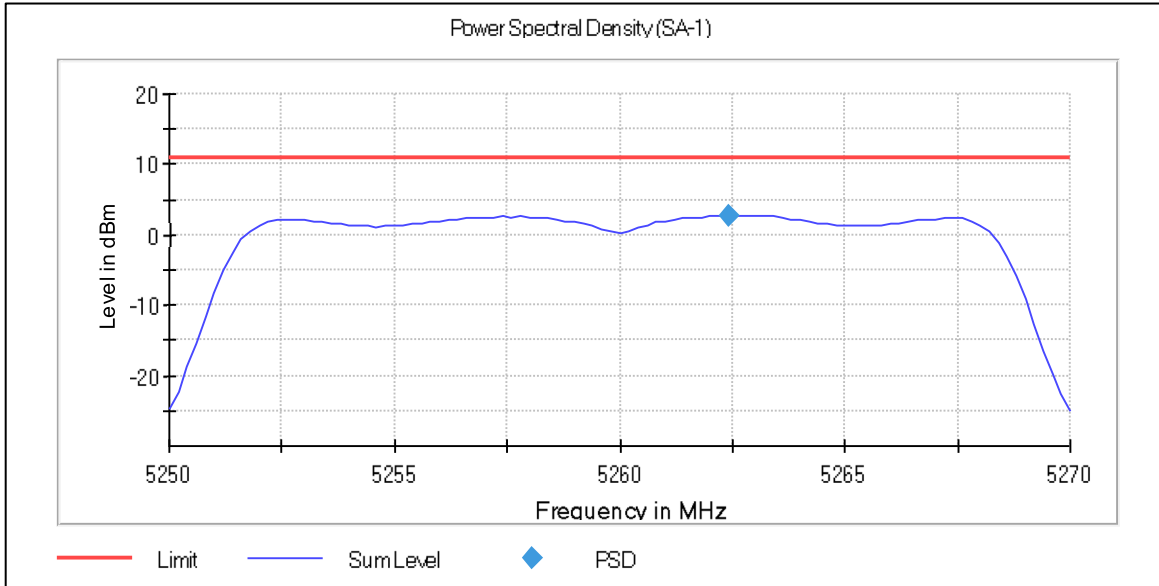


Power Spectral Density, Summary, results U-NII-2A

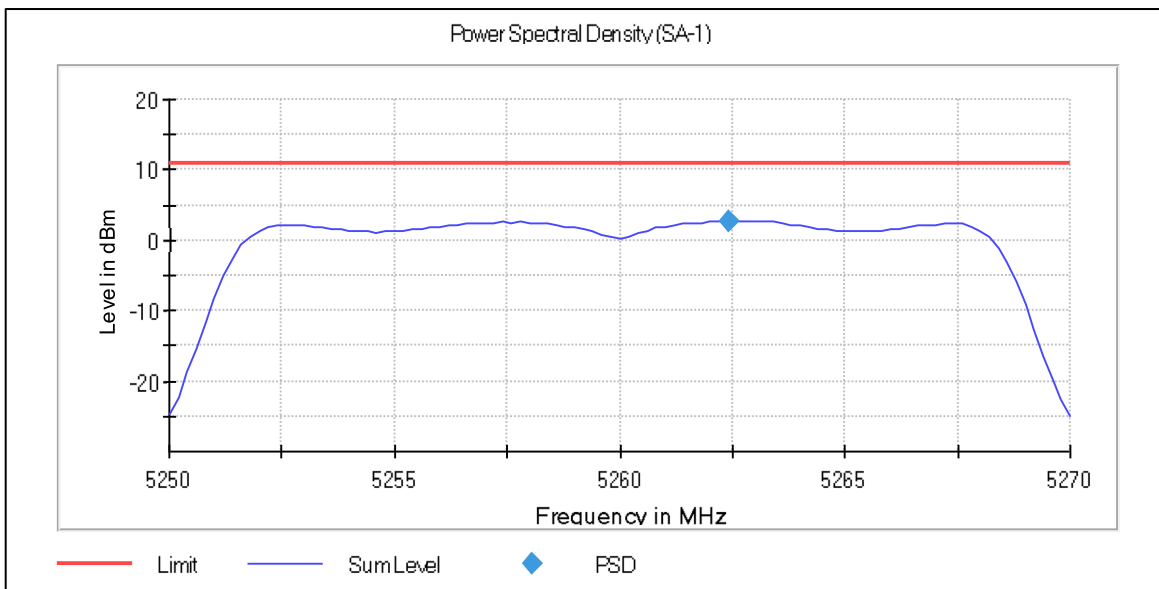
Mode / modulation	Channel	DUT Frequency (MHz)	Nominal BW (MHz)	PSD (dBm)	Limit Max (dBm/MHz)	Result
U-NII-2A, 802.11a, ch52, 20 MHz, 6 Mbps	52	5262.400000	20	2.770	11.0	PASS
U-NII-2A, 802.11a, ch56, 20 MHz, 6 Mbps	56	5282.600000	20	2.914	11.0	PASS
U-NII-2A, 802.11a, ch64, 20 MHz, 6 Mbps	64	5322.600000	20	1.959	11.0	PASS
U-NII-2A, 802.11n, ch52, 20 MHz, MCS4	52	5262.800000	20	1.188	11.0	PASS
U-NII-2A, 802.11n, ch56, 20 MHz, MCS4	56	5282.200000	20	1.686	11.0	PASS
U-NII-2A, 802.11n, ch64, 20 MHz, MCS4	64	5323.000000	20	0.544	11.0	PASS
U-NII-2A, 802.11n, ch54, 40 MHz, MCS4	52+56	5265.200000	40	-3.289	11.0	PASS
U-NII-2A, 802.11n, ch62, 40 MHz, MCS4	60+64	5294.800000	40	-4.964	11.0	PASS
U-NII-2A, 802.11ac, ch52, 20 MHz, MCS0	52	5257.600000	20	1.432	11.0	PASS
U-NII-2A, 802.11ac, ch56, 20 MHz, MCS0	56	5277.600000	20	1.590	11.0	PASS
U-NII-2A, 802.11ac, ch64, 20 MHz, MCS0	64	5322.600000	20	0.661	11.0	PASS
U-NII-2A, 802.11ac, ch54, 40 MHz, MCS1	52+56	5264.400000	40	-3.453	11.0	PASS
U-NII-2A, 802.11ac, ch62, 40 MHz, MCS1	60+64	5315.200000	40	-5.140	11.0	PASS
U-NII-2A, 802.11ac, ch58, 80 MHz, MCS0	52+56+60+64	5254.528302	80	-8.590	11.0	PASS
U-NII-2A, 802.11ax HE-SU, ch52, 20 MHz, MCS0	52	5262.600000	20	1.313	11.0	PASS
U-NII-2A, 802.11ax HE-SU, ch56, 20 MHz, MCS0	56	5282.600000	20	1.978	11.0	PASS
U-NII-2A, 802.11ax HE-SU, ch64, 20 MHz, MCS0	64	5322.400000	20	0.675	11.0	PASS
U-NII-2A, 802.11ax HE-SU, ch54, 40 MHz, MCS0	52+56	5264.000000	40	-3.273	11.0	PASS
U-NII-2A, 802.11ax HE-SU, ch62, 40 MHz, MCS0	60+64	5314.800000	40	-4.839	11.0	PASS
U-NII-2A, 802.11ax HE-SU, ch58, 80 MHz, MCS0	52+56+60+64	5274.654088	80	-7.928	11.0	PASS
U-NII-2A, 802.11ax HE-TB Full RU, ch52, 20 MHz, MCS0	52	5262.800000	20	-4.074	11.0	PASS
U-NII-2A, 802.11ax HE-TB Full RU, ch56, 20 MHz, MCS0	56	5282.000000	20	-4.197	11.0	PASS
U-NII-2A, 802.11ax HE-TB Full RU, ch64, 20 MHz, MCS0	64	5322.400000	20	-4.267	11.0	PASS
U-NII-2A, 802.11ax HE-TB Full RU, ch54, 40 MHz, MCS0	52+56	5265.200000	40	-8.041	11.0	PASS
U-NII-2A, 802.11ax HE-TB Full RU, ch62, 40 MHz, MCS0	60+64	5314.800000	40	-8.633	11.0	PASS
U-NII-2A, 802.11ax HE-TB Full RU, ch58, 80 MHz, MCS0	52+56+60+64	5257.547170	80	-18.449	11.0	PASS
RBW = 1 MHz						

Test result U-NII-2A:

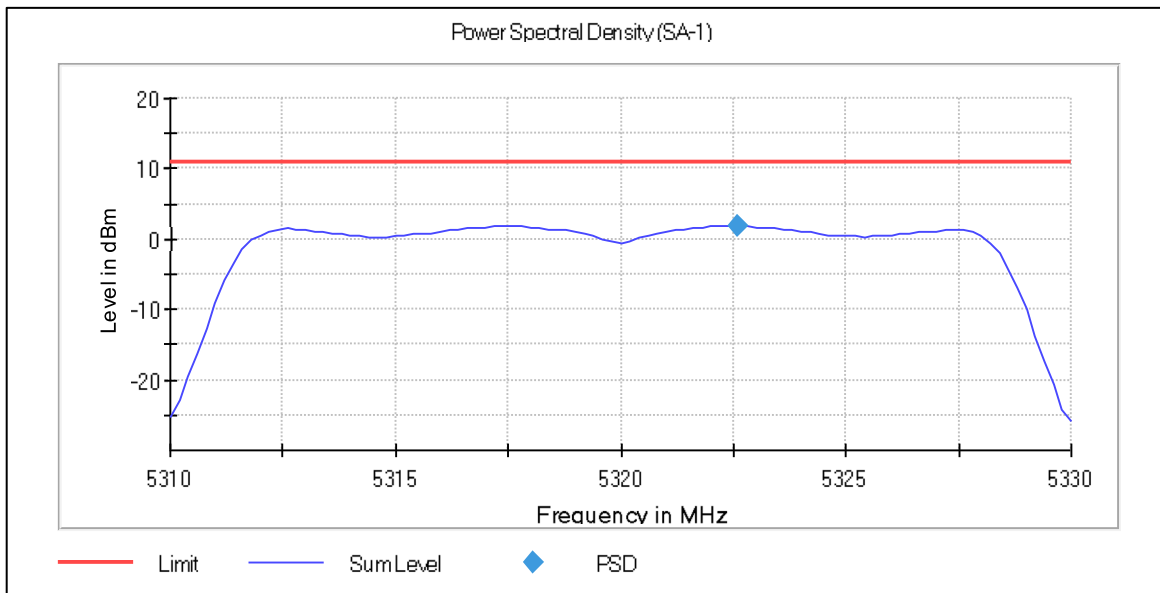
Power Spectral Density, U-NII-2A, 802.11a, 20 MHz, 6Mbps, ch52



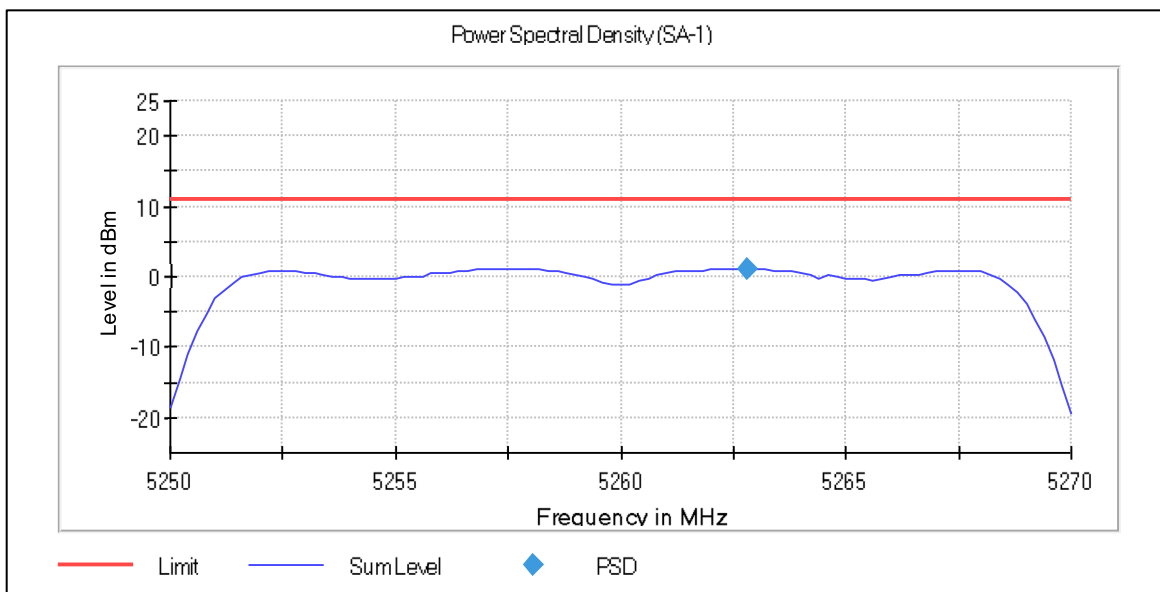
Power Spectral Density, U-NII-2A, 802.11a, 20 MHz, 6Mbps, ch56



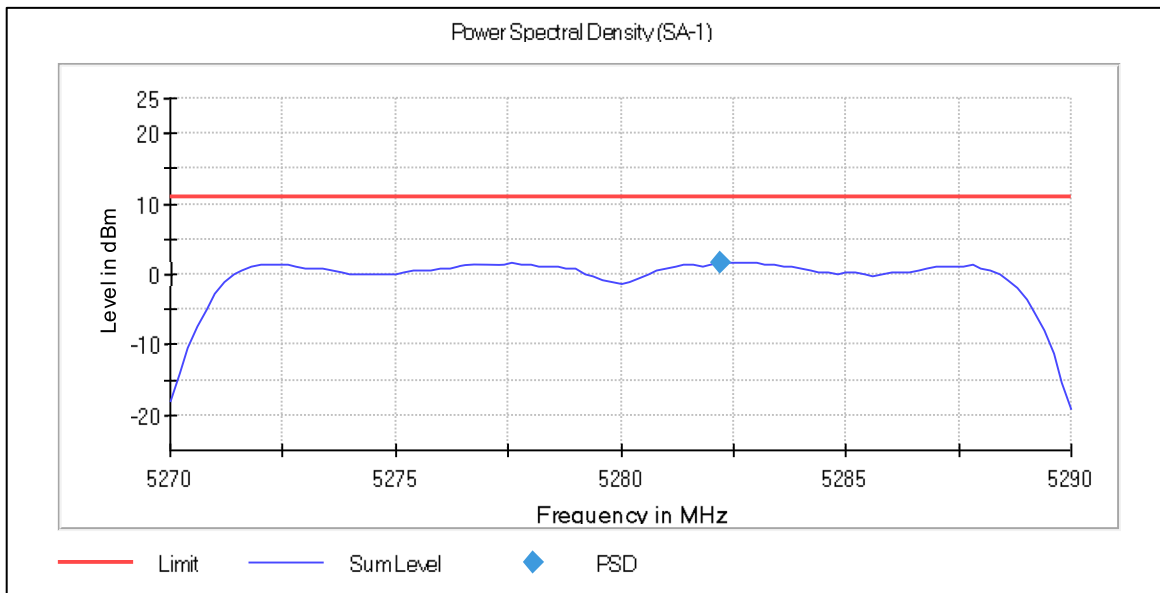
Power Spectral Density, U-NII-2A, 802.11a, 20 MHz, 6Mbps, ch64



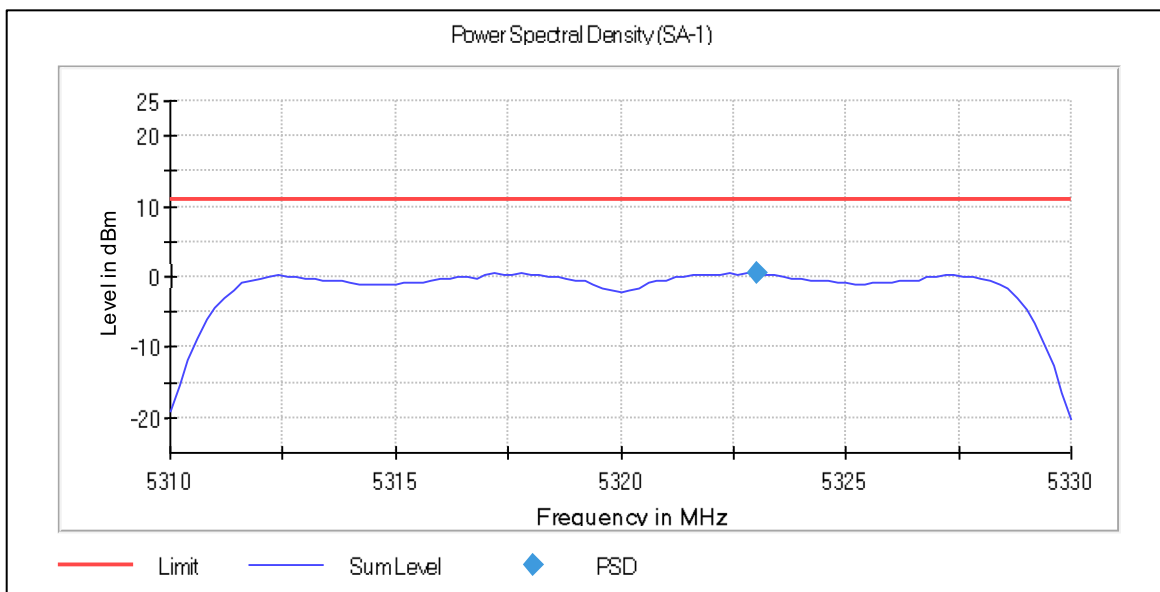
Power Spectral Density, U-NII-2A, 802.11n, 20 MHz, MCS4, ch52



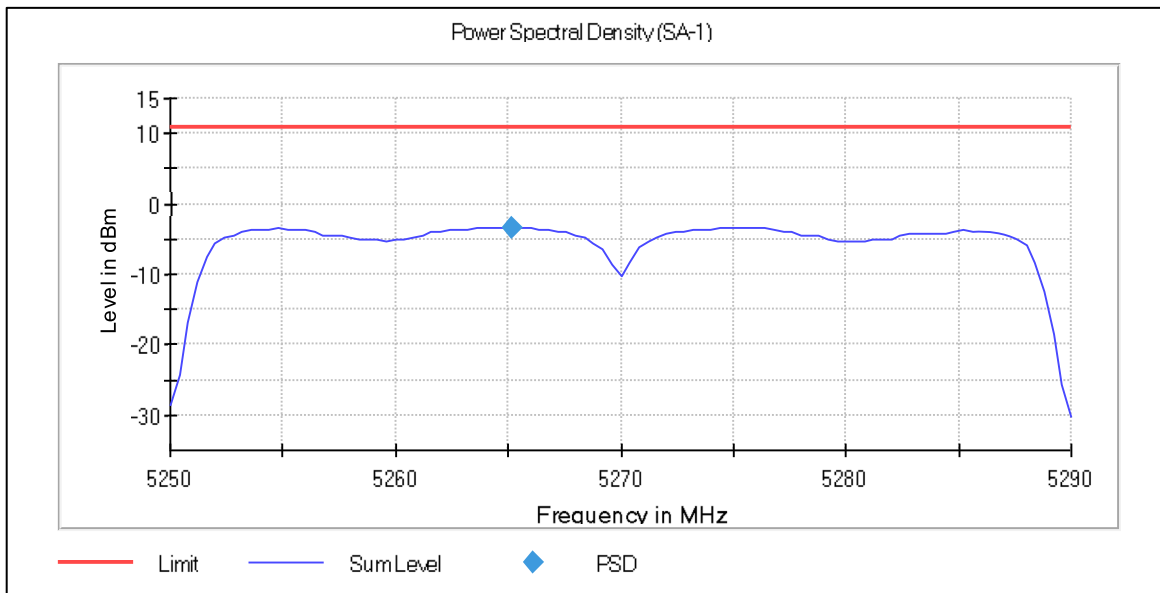
Power Spectral Density, U-NII-2A, 802.11n, 20 MHz, MCS4, ch56



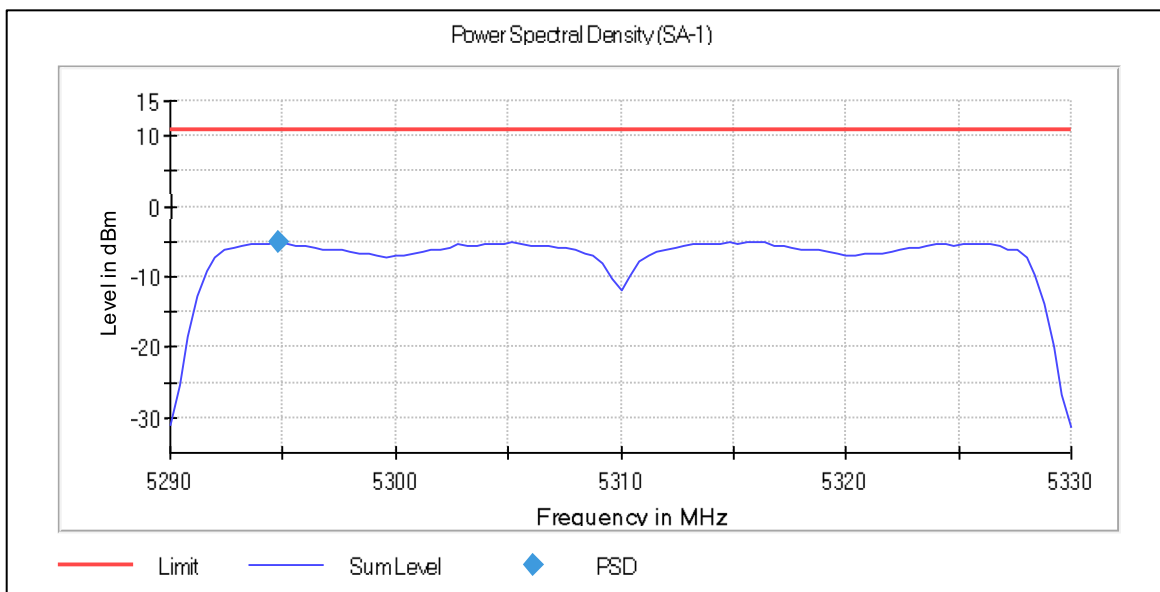
Power Spectral Density, U-NII-2A, 802.11n, 20 MHz, MCS4, ch64



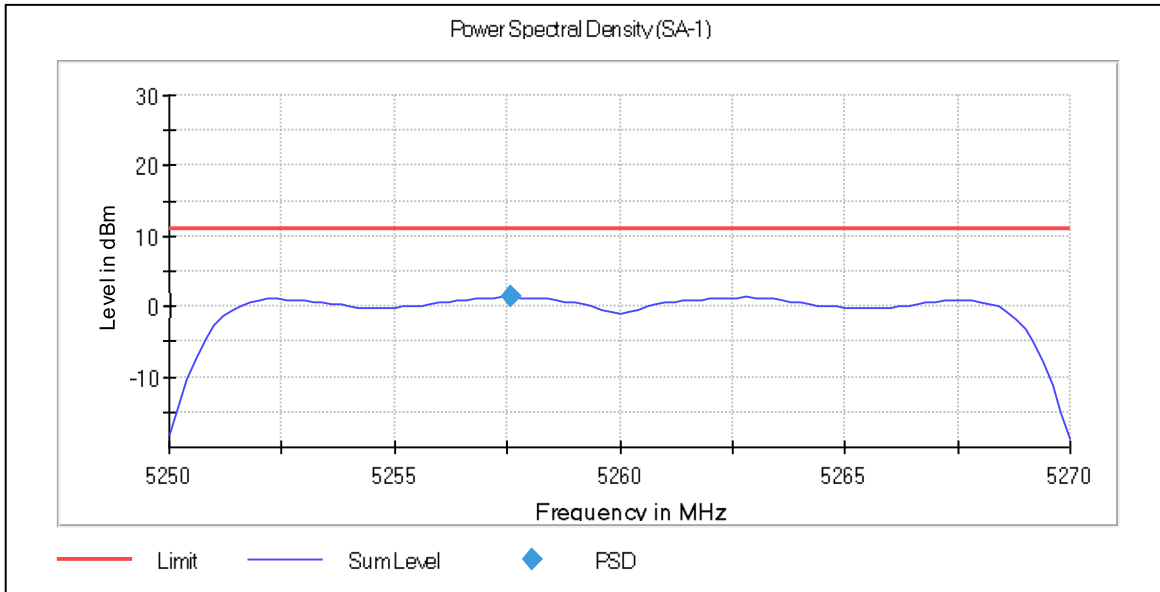
Power Spectral Density, U-NII-2A, 802.11n, 40 MHz, MCS4, ch54



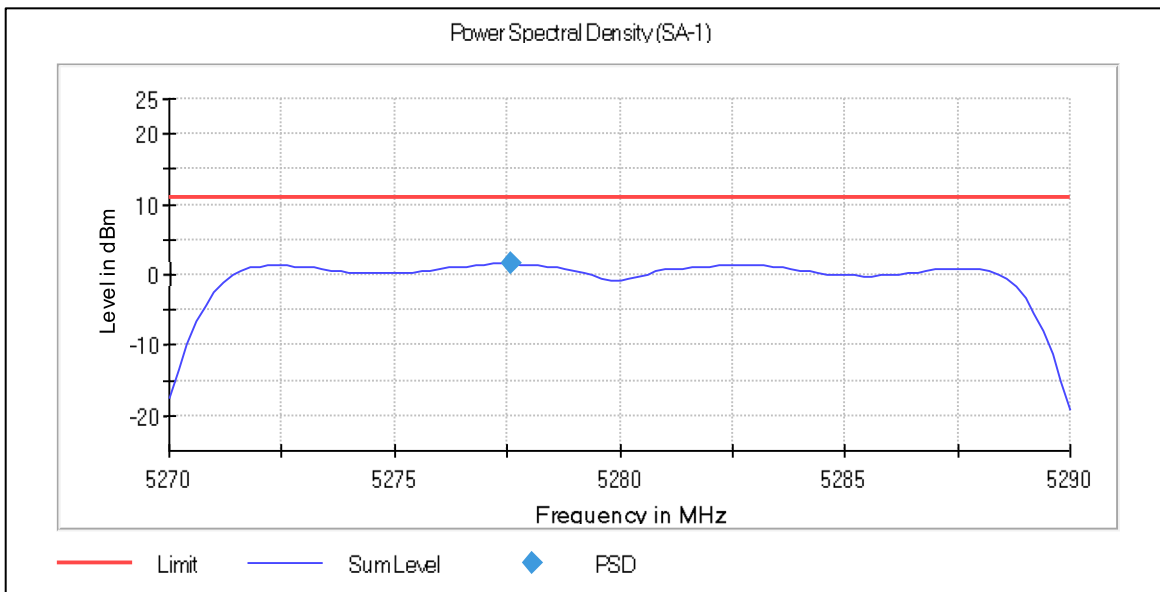
Power Spectral Density, U-NII-2A, 802.11n, 40 MHz, MCS4, ch62



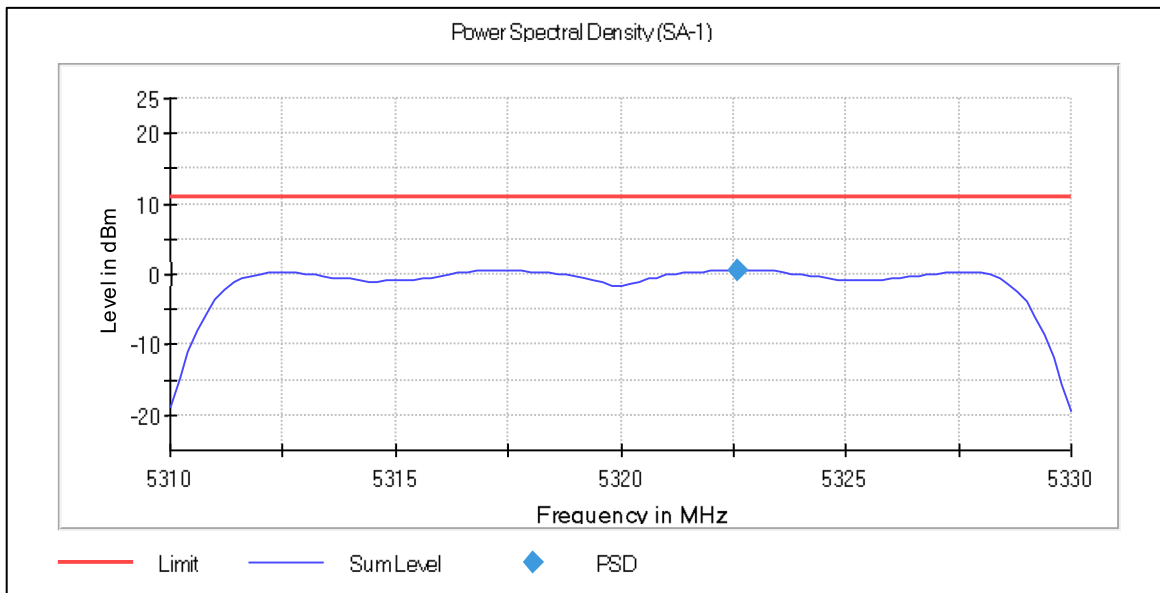
Power Spectral Density, U-NII-2A, 802.11ac, 20 MHz, MCS0, ch52



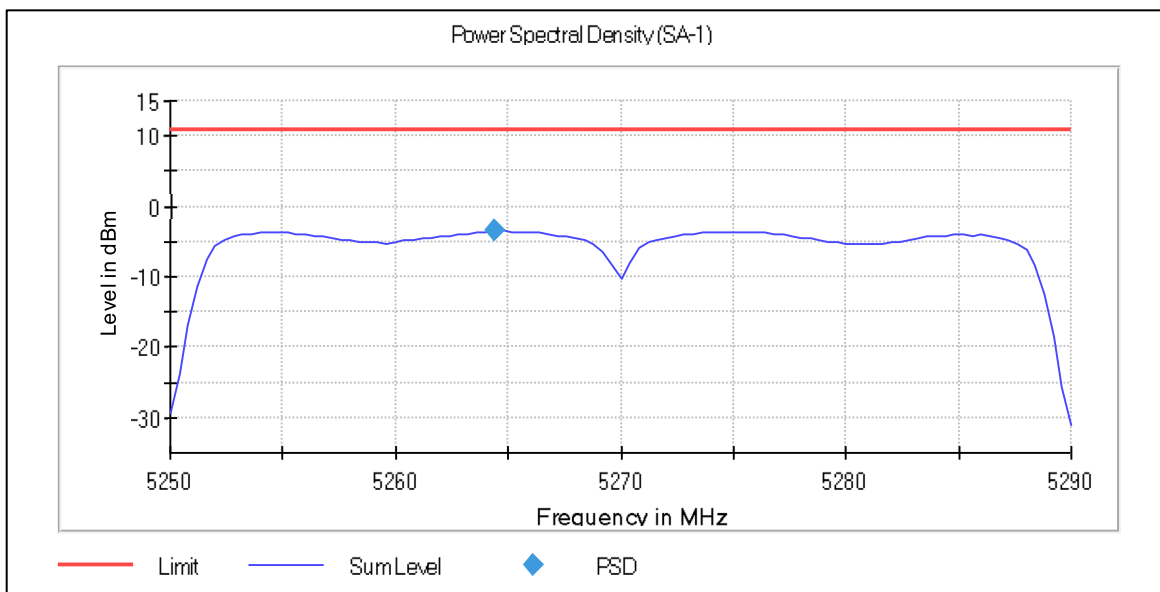
Power Spectral Density, U-NII-2A, 802.11ac, 20 MHz, MCS0, ch56



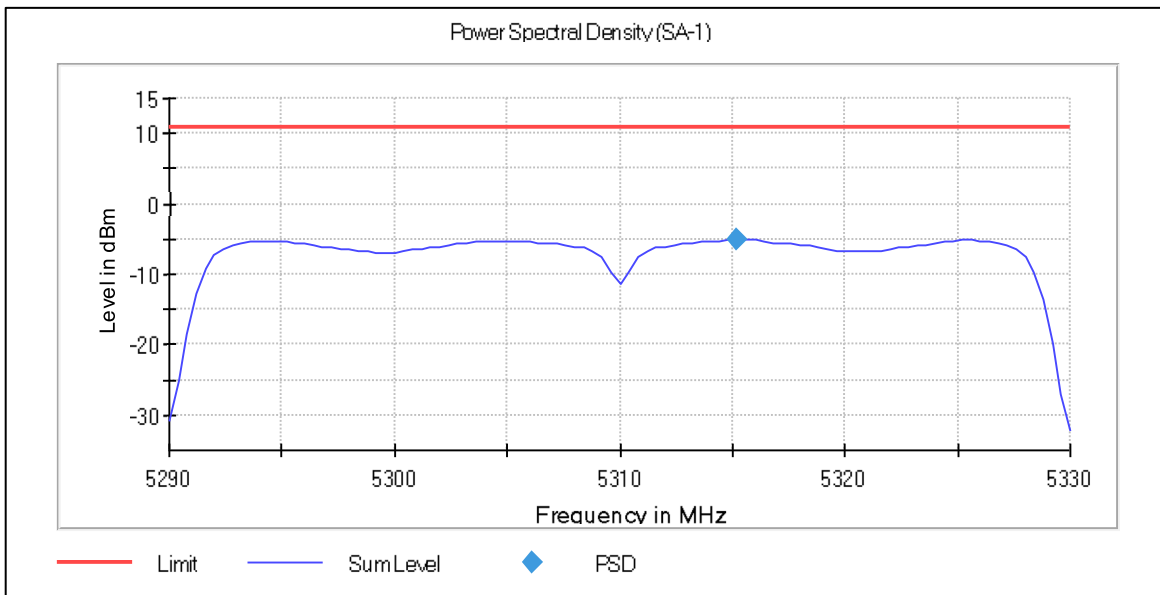
Power Spectral Density, U-NII-2A, 802.11ac, 20 MHz, MCS0, ch64



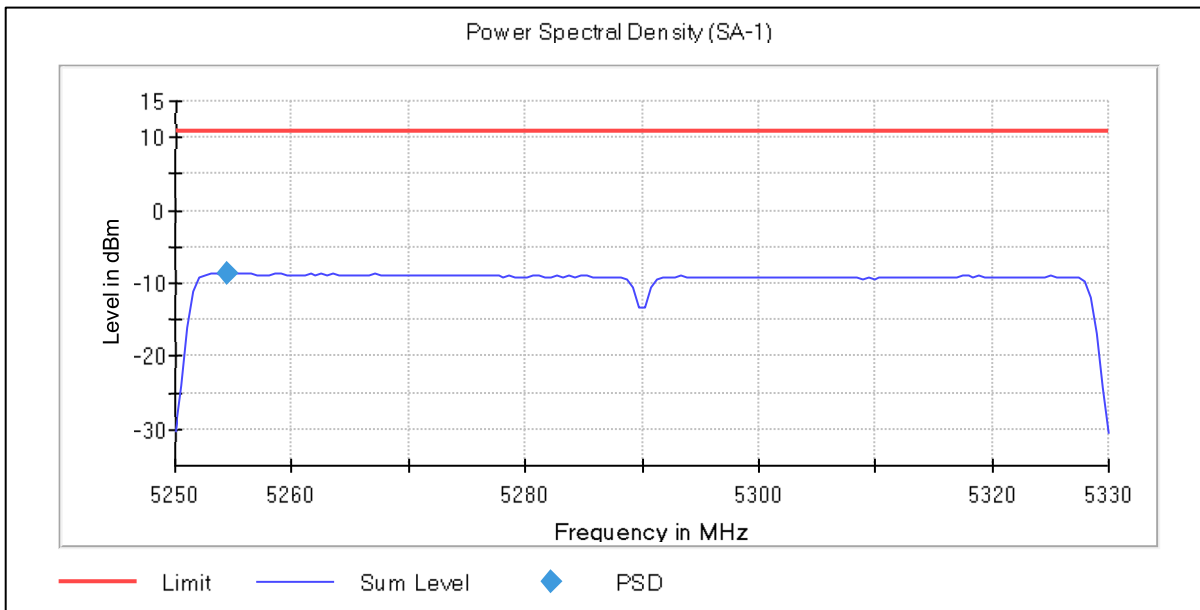
Power Spectral Density, U-NII-2A, 802.11ac, 40 MHz, MCS1, ch54



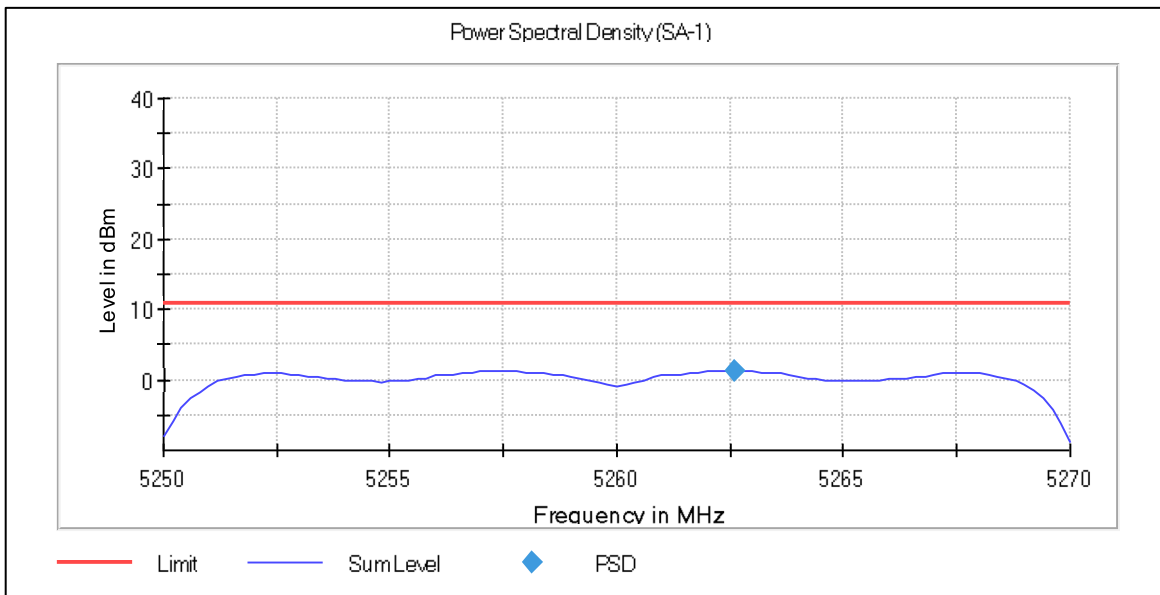
Power Spectral Density, U-NII-2A, 802.11ac, 40 MHz, MCS1, ch62



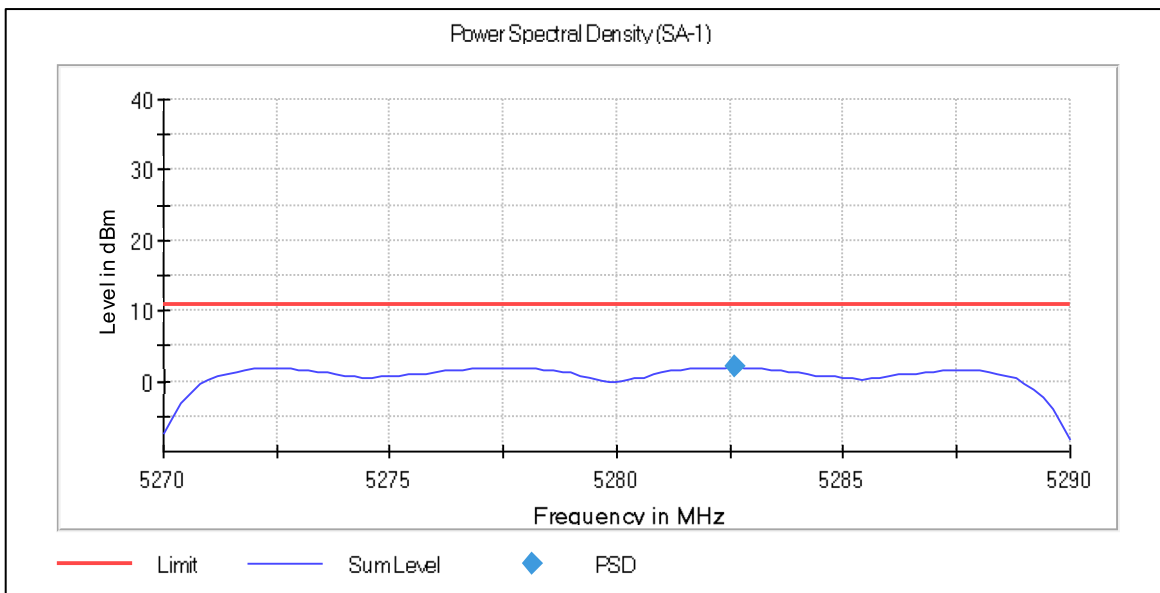
Power Spectral Density, U-NII-2A, 802.11ac, 80 MHz, MCS0, ch58



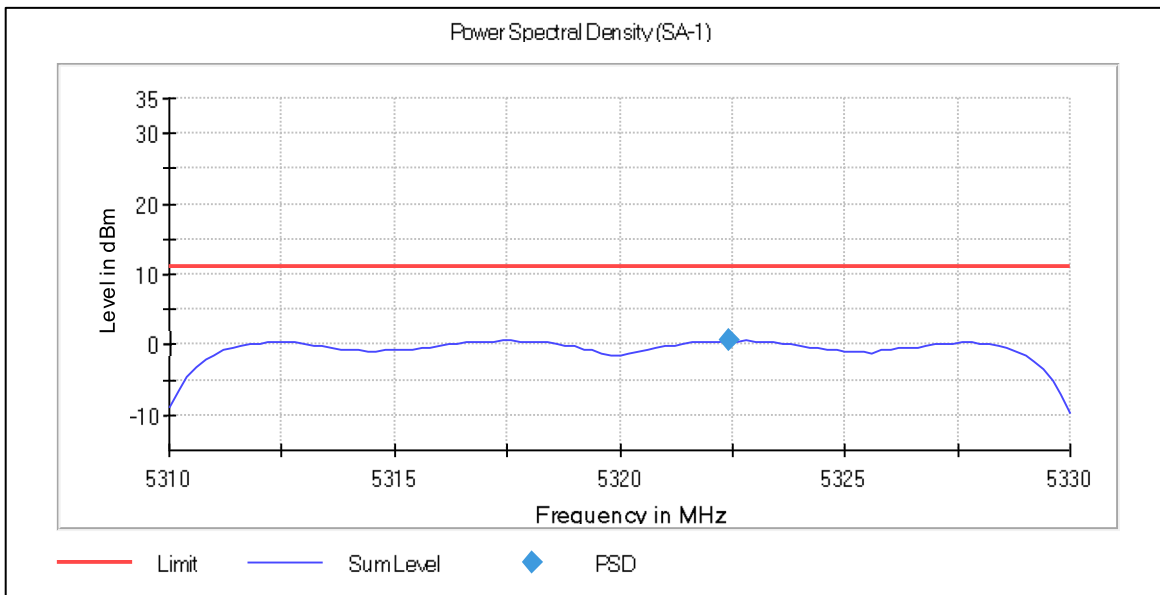
Power Spectral Density, U-NII-2A, 802.11ax HE-SU, 20 MHz, MCS0, ch52



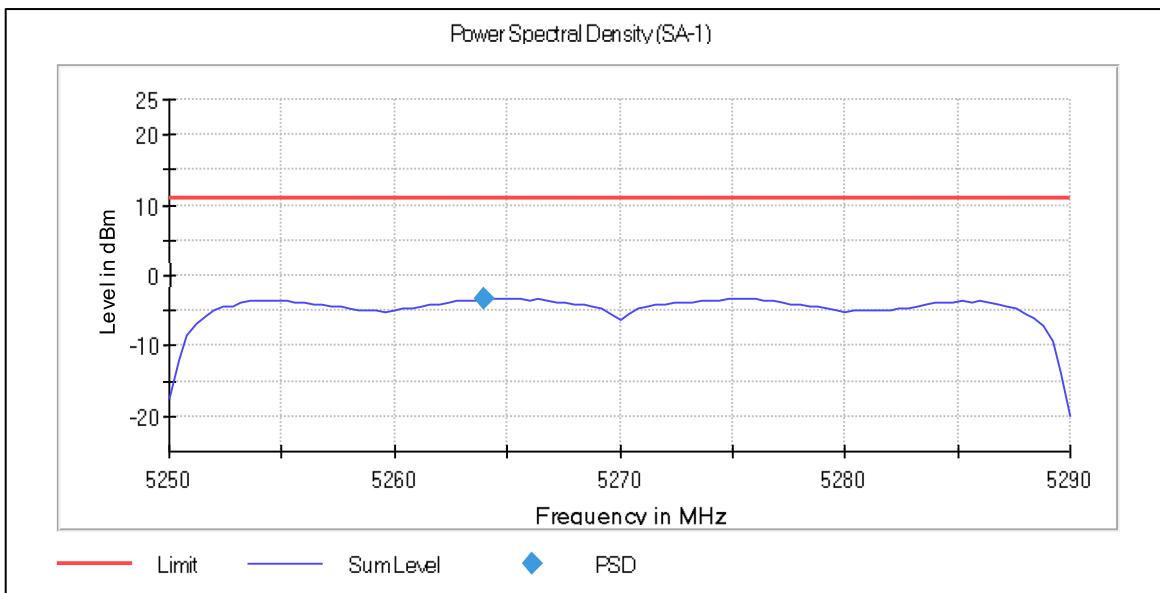
Power Spectral Density, U-NII-2A, 802.11ax HE-SU, 20 MHz, MCS0, ch56



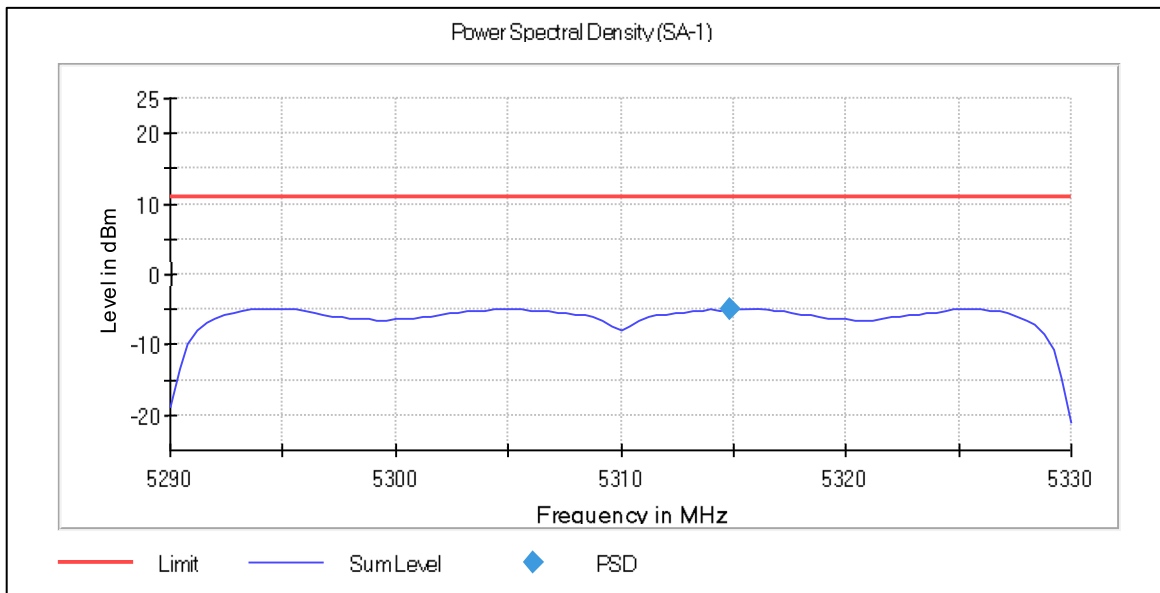
Power Spectral Density, U-NII-2A, 802.11ax HE-SU, 20 MHz, MCS0, ch64



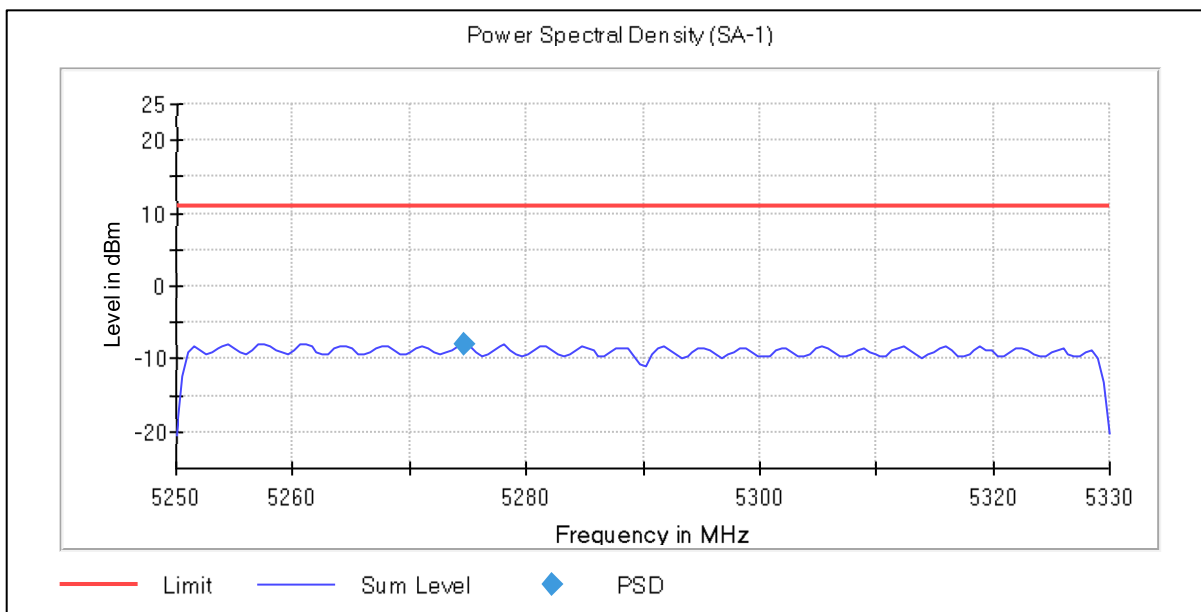
Power Spectral Density, U-NII-2A, 802.11ax HE-SU, 40 MHz, MCS0, ch54



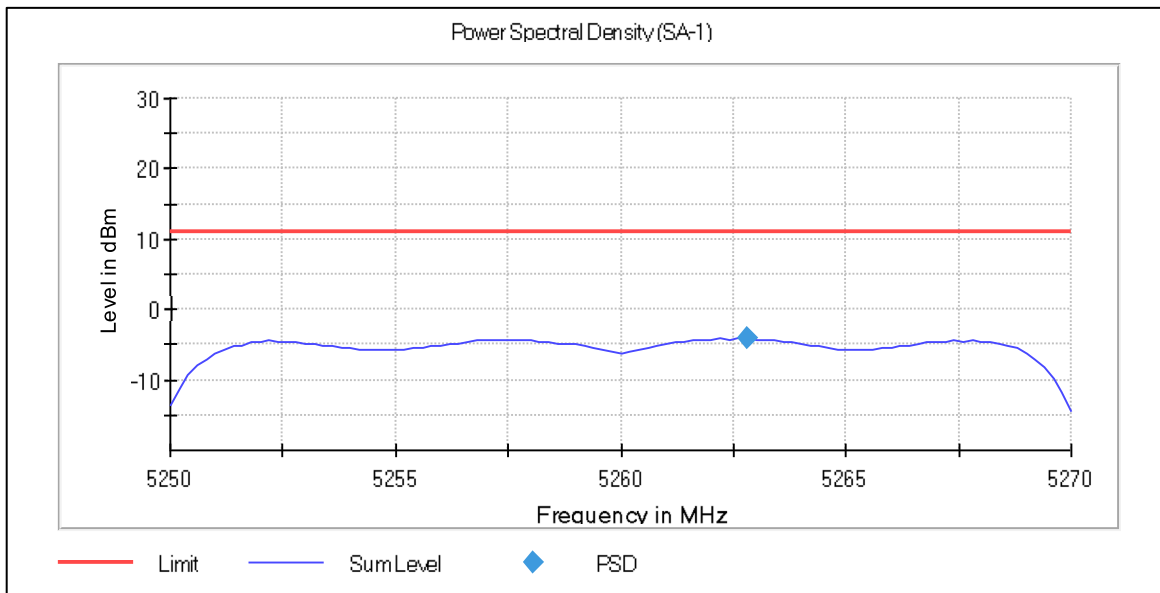
Power Spectral Density, U-NII-2A, 802.11ax HE-SU, 40 MHz, MCS0, ch62



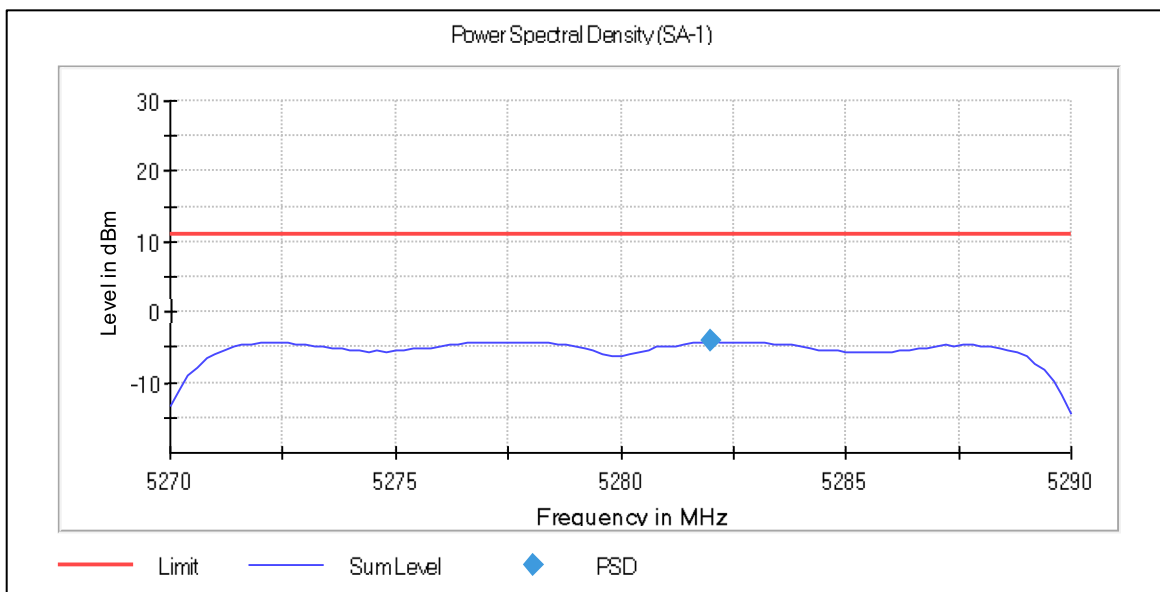
Power Spectral Density, U-NII-2A, 802.11ax HE-SU, 80 MHz, MCS0, ch58



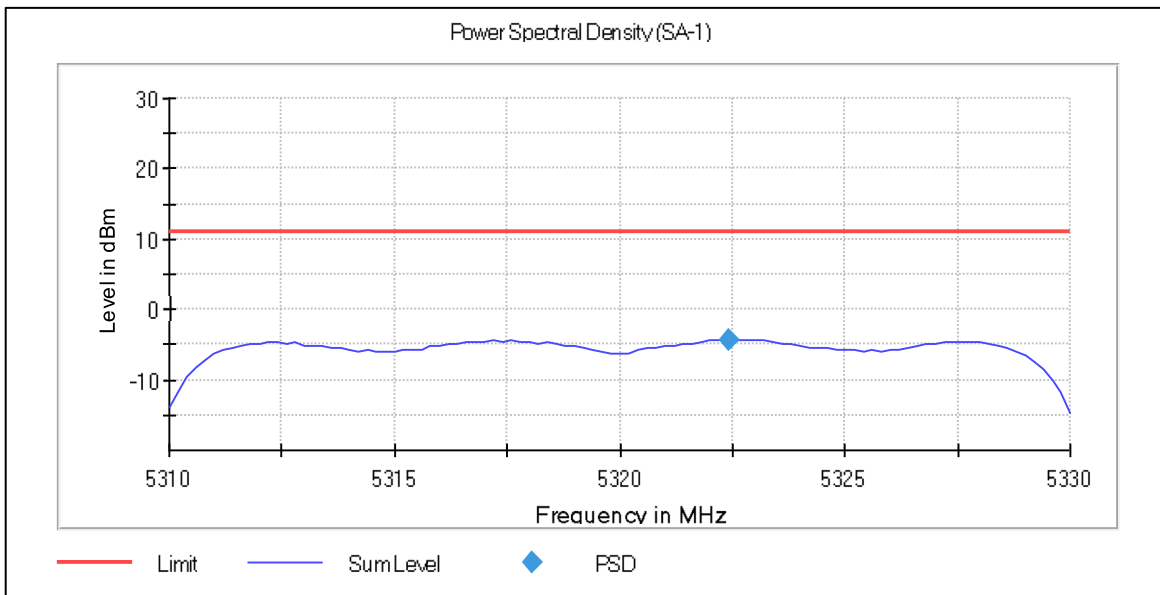
Power Spectral Density, U-NII-2A, 802.11ax HE-TB Full RU, 20 MHz, MCS0, ch52



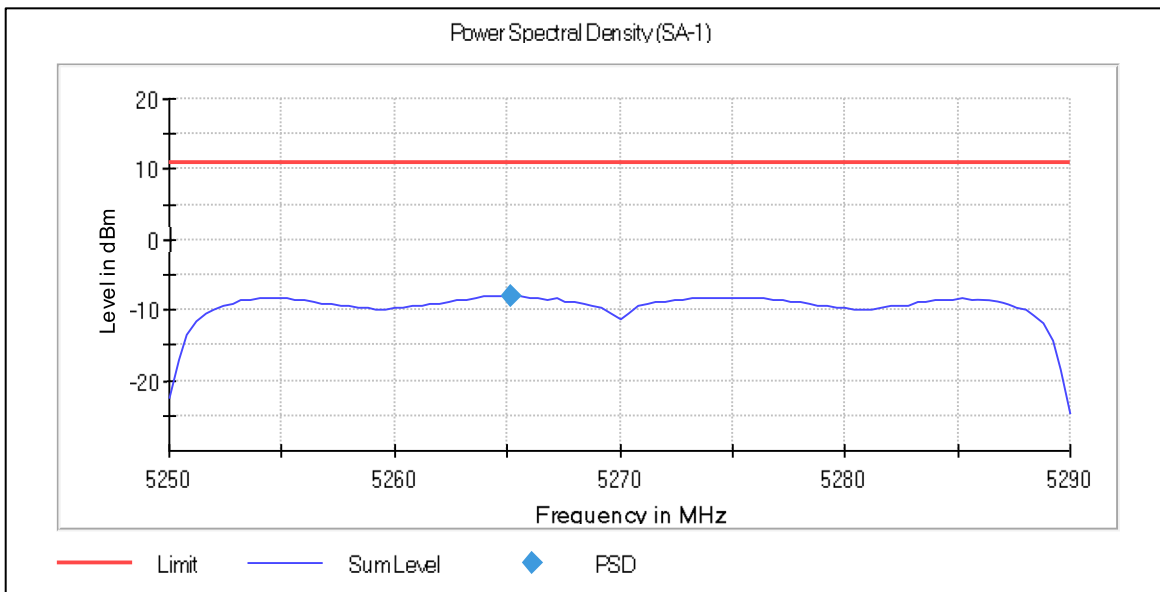
Power Spectral Density, U-NII-2A, 802.11ax HE-TB Full RU, 20 MHz, MCS0, ch56



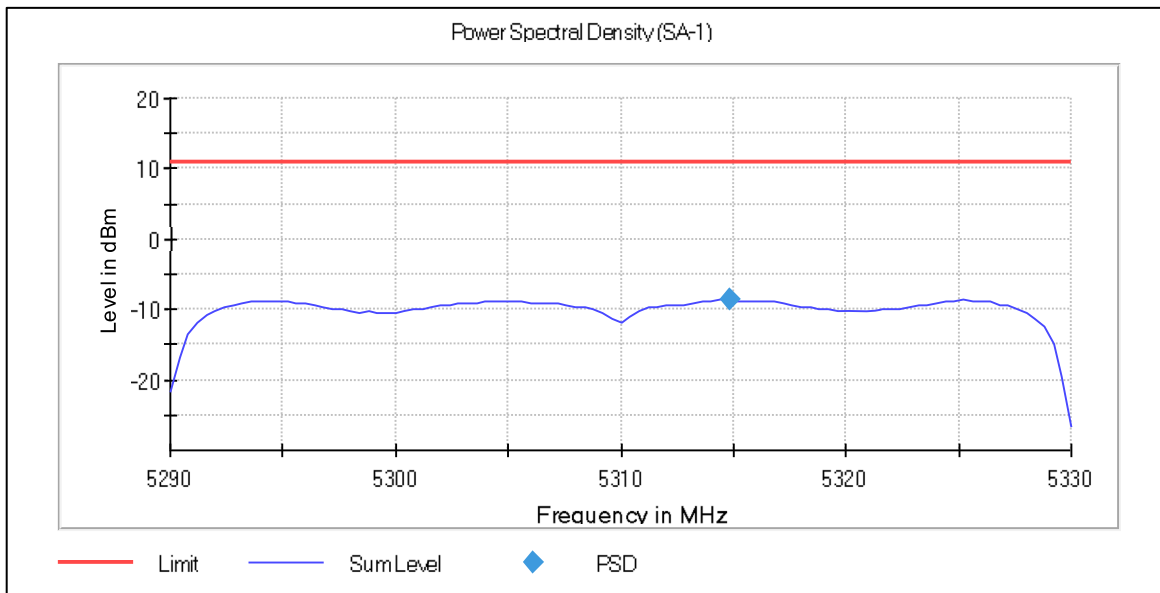
Power Spectral Density, U-NII-2A, 802.11ax HE-TB Full RU, 20 MHz, MCS0, ch64



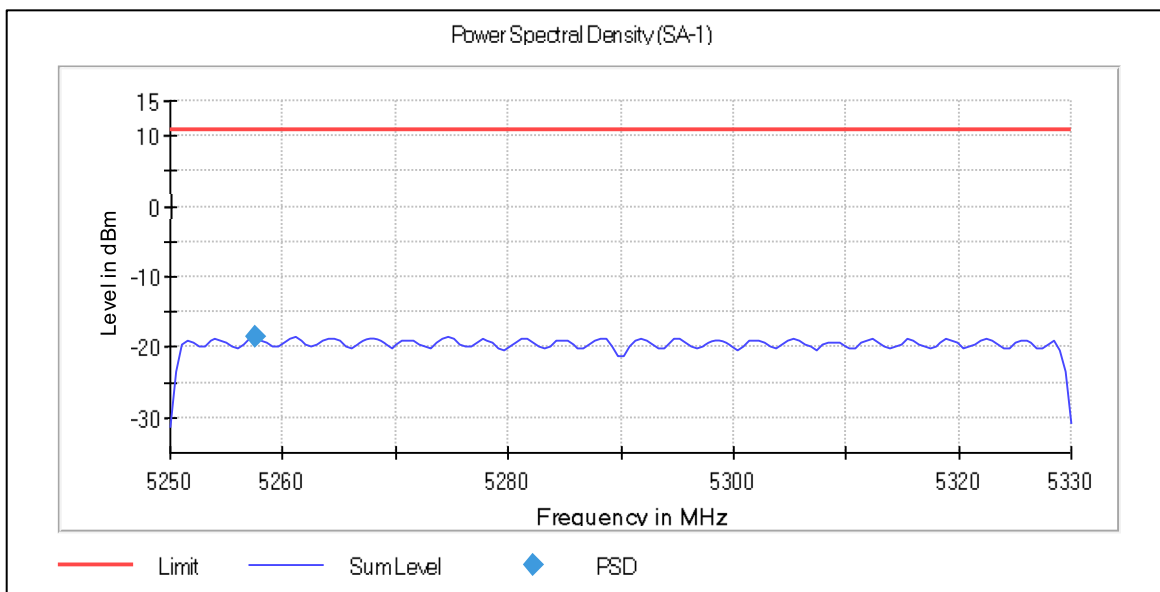
Power Spectral Density, U-NII-2A, 802.11ax HE-TB Full RU, 40 MHz, MCS0, ch54



Power Spectral Density, U-NII-2A, 802.11ax HE-TB Full RU, 40 MHz, MCS0, ch62



Power Spectral Density, U-NII-2A, 802.11ax HE-TB Full RU, 80 MHz, MCS0, ch58



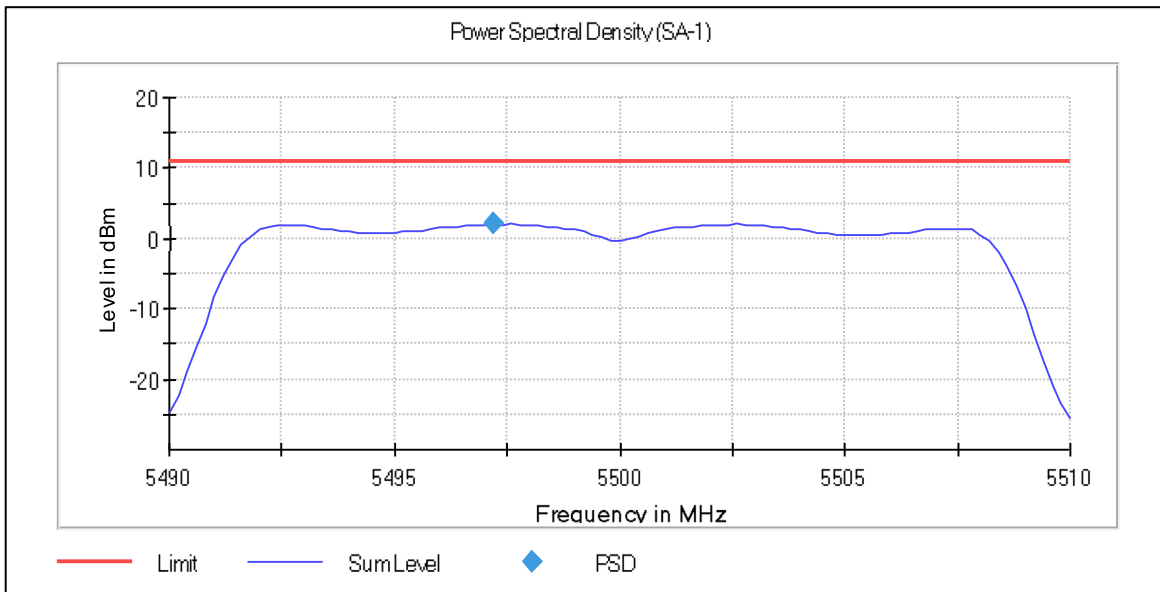
Power Spectral Density, Summary, results U-NII-2C

Mode / modulation	Channel	DUT Frequency (MHz)	Nominal BW (MHz)	PSD (dBm)	Limit Max (dBm/MHz)	Result
U-NII-2C, 802.11a, ch100, 20 MHz, 6 Mbps	100	5497.200000	20	2.048	11.0	PASS
U-NII-2C, 802.11a, ch120, 20 MHz, 6 Mbps	120	5597.800000	20	3.756	11.0	PASS
U-NII-2C, 802.11a, ch144, 20 MHz, 6 Mbps	144	5722.400000	20	3.271	11.0	PASS
U-NII-2C, 802.11n, ch100, 20 MHz, MCS3	100	5497.400000	20	0.637	11.0	PASS
U-NII-2C, 802.11n, ch120, 20 MHz, MCS3	120	5602.600000	20	2.326	11.0	PASS
U-NII-2C, 802.11n, ch144, 20 MHz, MCS3	144	5722.600000	20	1.987	11.0	PASS
U-NII-2C, 802.11n, ch102, 40 MHz, MCS0	100+104	5494.000000	40	-4.870	11.0	PASS
U-NII-2C, 802.11n, ch126, 40 MHz, MCS0	124+128	5634.800000	40	-2.328	11.0	PASS
U-NII-2C, 802.11n, ch142, 40 MHz, MCS0	140+144	5714.400000	40	-2.964	11.0	PASS
U-NII-2C, 802.11ac, ch100, 20 MHz, MCS0	100	5497.400000	20	0.654	11.0	PASS
U-NII-2C, 802.11ac, ch120, 20 MHz, MCS0	120	5602.400000	20	2.405	11.0	PASS
U-NII-2C, 802.11ac, ch144, 20 MHz, MCS0	144	5722.400000	20	2.028	11.0	PASS
U-NII-2C, 802.11ac, ch102, 40 MHz, MCS0	100+104	5494.000000	40	-4.880	11.0	PASS
U-NII-2C, 802.11ac, ch126, 40 MHz, MCS0	124+128	5636.000000	40	-2.490	11.0	PASS
U-NII-2C, 802.11ac, ch142, 40 MHz, MCS0	140+144	5715.200000	40	-3.032	11.0	PASS
U-NII-2C, 802.11ac, ch106, 80 MHz, MCS0	100+104+108+112	5565.471698	80	-11.082	11.0	PASS
U-NII-2C, 802.11ac, ch122, 80 MHz, MCS0	116+120+124+128	5632.893082	80	-8.634	11.0	PASS
U-NII-2C, 802.11ac, ch138, 80 MHz, MCS0	132+136+140+144	5675.660377	80	-7.383	11.0	PASS
U-NII-2C, 802.11ax HE-SU, ch100, 20 MHz, MCS0	100	5497.200000	20	0.709	11.0	PASS
U-NII-2C, 802.11ax HE-SU, ch120, 20 MHz, MCS0	120	5597.400000	20	2.446	11.0	PASS
U-NII-2C, 802.11ax HE-SU, ch144, 20 MHz, MCS0	144	5722.400000	20	2.081	11.0	PASS
U-NII-2C, 802.11ax HE-SU, ch102, 40 MHz, MCS2	100+104	5494.800000	40	-4.849	11.0	PASS
U-NII-2C, 802.11ax HE-SU, ch126, 40 MHz, MCS2	124+128	5635.200000	40	-2.429	11.0	PASS
U-NII-2C, 802.11ax HE-SU, ch142, 40 MHz, MCS2	140+144	5714.800000	40	-2.796	11.0	PASS
U-NII-2C, 802.11ax HE-SU, ch106, 80 MHz, MCS0	100+104+108+112	5562.452830	80	-10.342	11.0	PASS
U-NII-2C, 802.11ax HE-SU, ch122, 80 MHz, MCS0	116+120+124+128	5625.345912	80	-7.417	11.0	PASS
U-NII-2C, 802.11ax HE-SU, ch138, 80 MHz, MCS0	132+136+140+144	5705.345912	80	-6.417	11.0	PASS

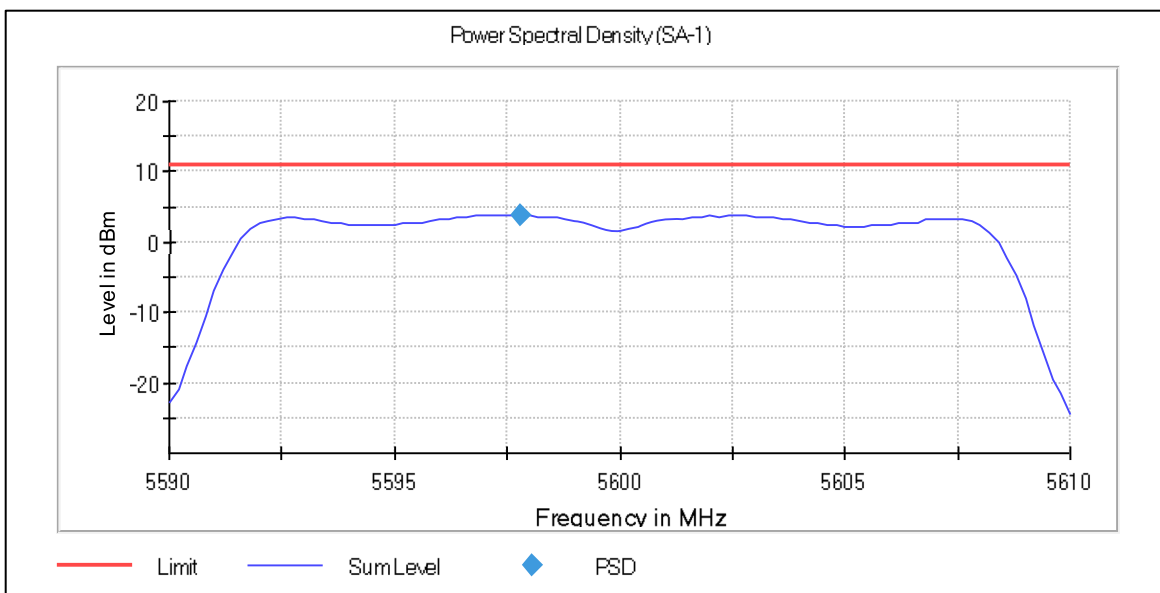
Mode / modulation	Channel	DUT Frequency (MHz)	Nominal BW (MHz)	PSD (dBm)	Limit Max (dBm/MHz)	Result
U-NII-2C, 802.11ax HE-TB Full RU, ch100, 20 MHz, MCS0	100	5502.600000	20	-6.809	11.0	PASS
U-NII-2C, 802.11ax HE-TB Full RU, ch120, 20 MHz, MCS0	120	5602.000000	20	-3.618	11.0	PASS
U-NII-2C, 802.11ax HE-TB Full RU, ch144, 20 MHz, MCS0	144	5722.000000	20	-3.632	11.0	PASS
U-NII-2C, 802.11ax HE-TB Full RU, ch102, 40 MHz, MCS0	100+104	5494.400000	40	-13.768	11.0	PASS
U-NII-2C, 802.11ax HE-TB Full RU, ch126, 40 MHz, MCS0	124+128	5624.800000	40	-6.606	11.0	PASS
U-NII-2C, 802.11ax HE-TB Full RU, ch142, 40 MHz, MCS0	140+144	5725.600000	40	-6.641	11.0	PASS
U-NII-2C, 802.11ax HE-TB Full RU, ch106, 80 MHz, MCS0	100+104+108+112	5561.949686	80	-18.688	11.0	PASS
U-NII-2C, 802.11ax HE-TB Full RU, ch106, 80 MHz, MCS0	116+120+124+128	5631.886792	80	-15.134	11.0	PASS
U-NII-2C, 802.11ax HE-TB Full RU, ch106, 80 MHz, MCS0	132+136+140+144	5667.106918	80	-18.218	11.0	PASS
RBW = 1 MHz						

Test result U-NII-2C:

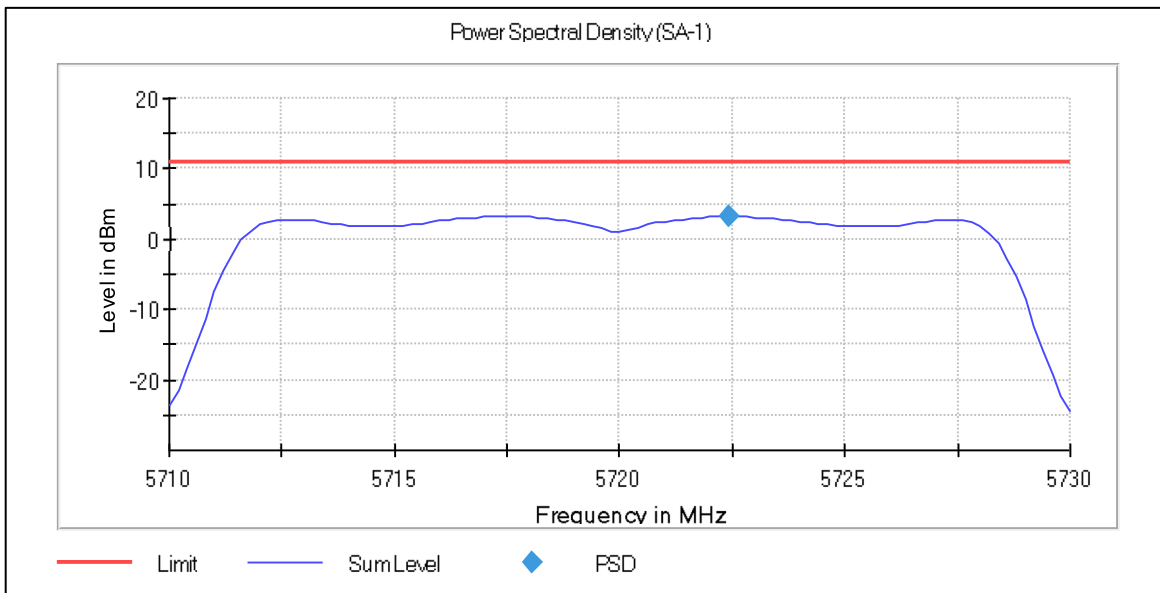
Power Spectral Density, U-NII-2C, 802.11a, 20 MHz, 6Mbps, ch100



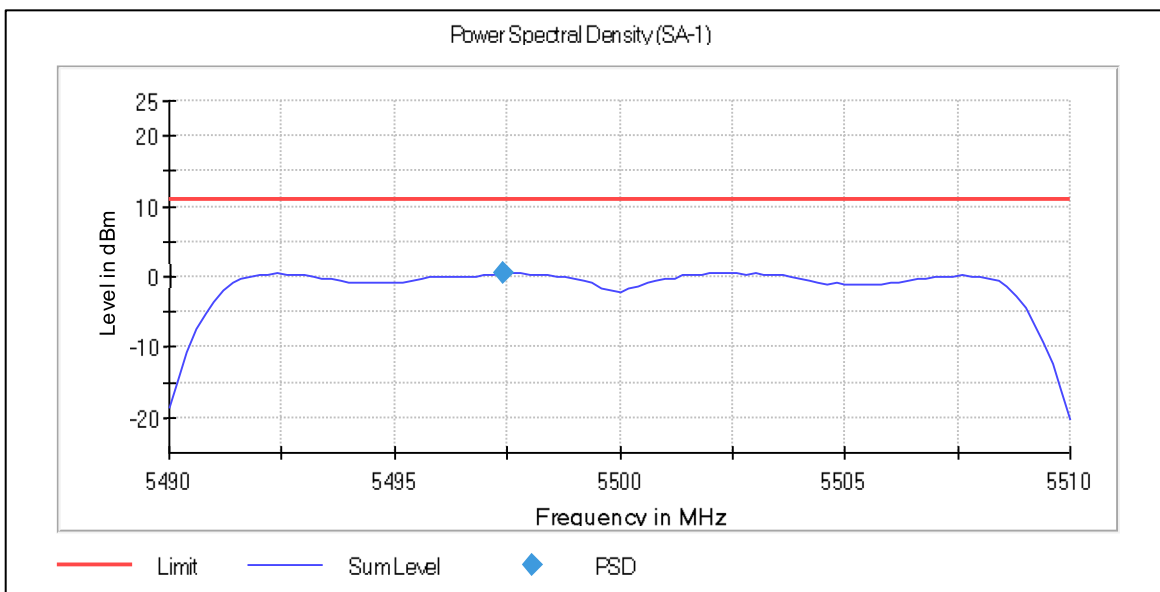
Power Spectral Density, U-NII-2C, 802.11a, 20 MHz, 6Mbps, ch120



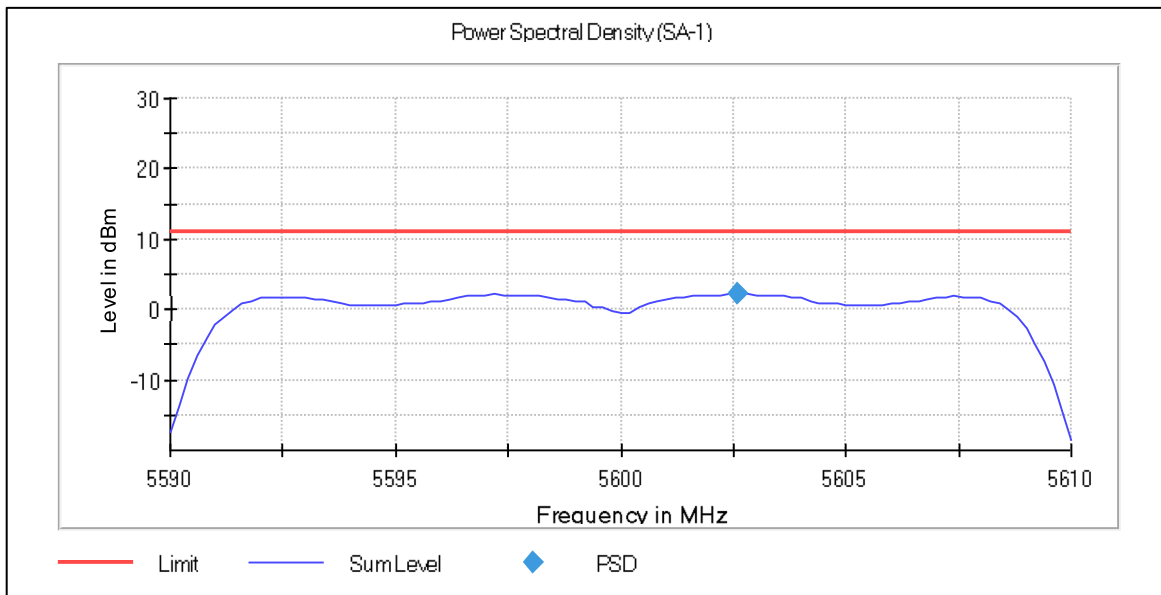
Power Spectral Density, U-NII-2C, 802.11a, 20 MHz, 6Mbps, ch144



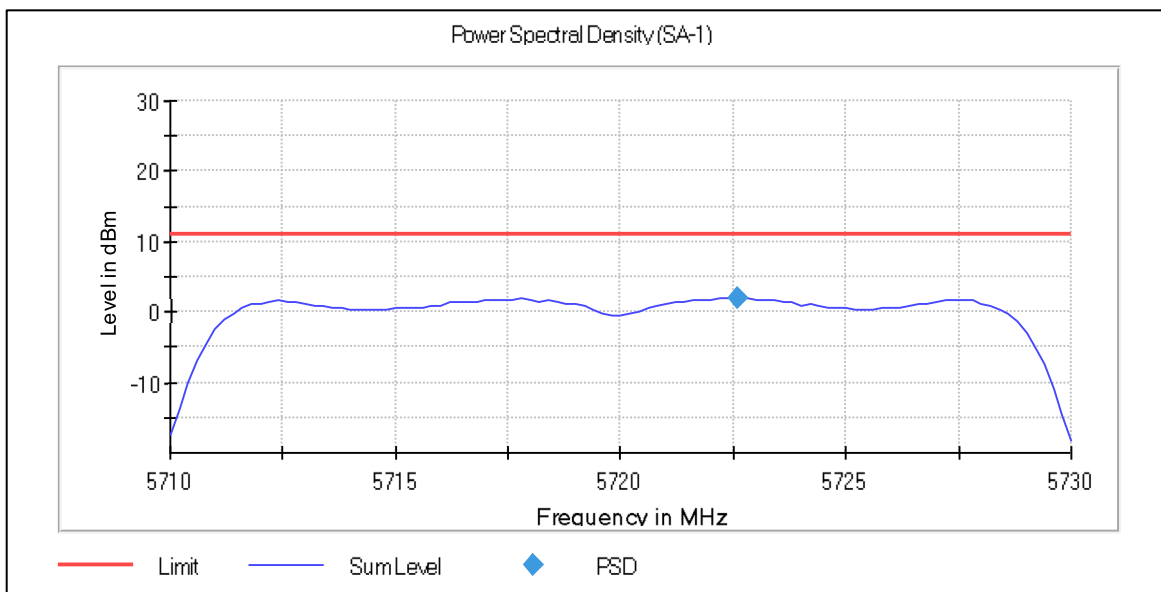
Power Spectral Density, U-NII-2C, 802.11n, 20 MHz, MCS3, ch100



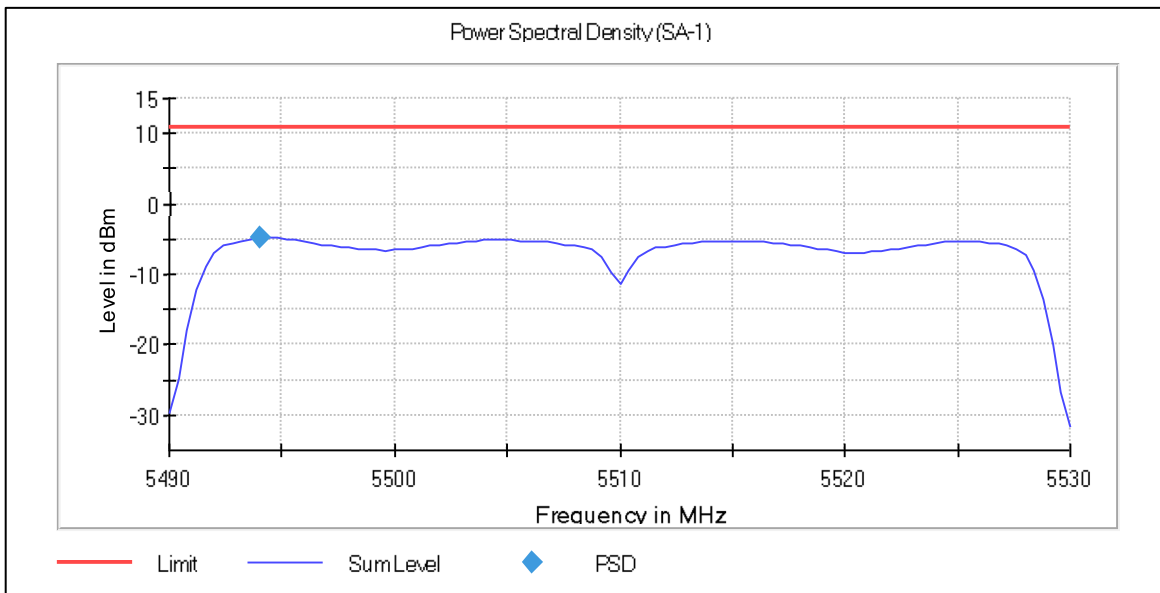
Power Spectral Density, U-NII-2C, 802.11n, 20 MHz, MCS3, ch120



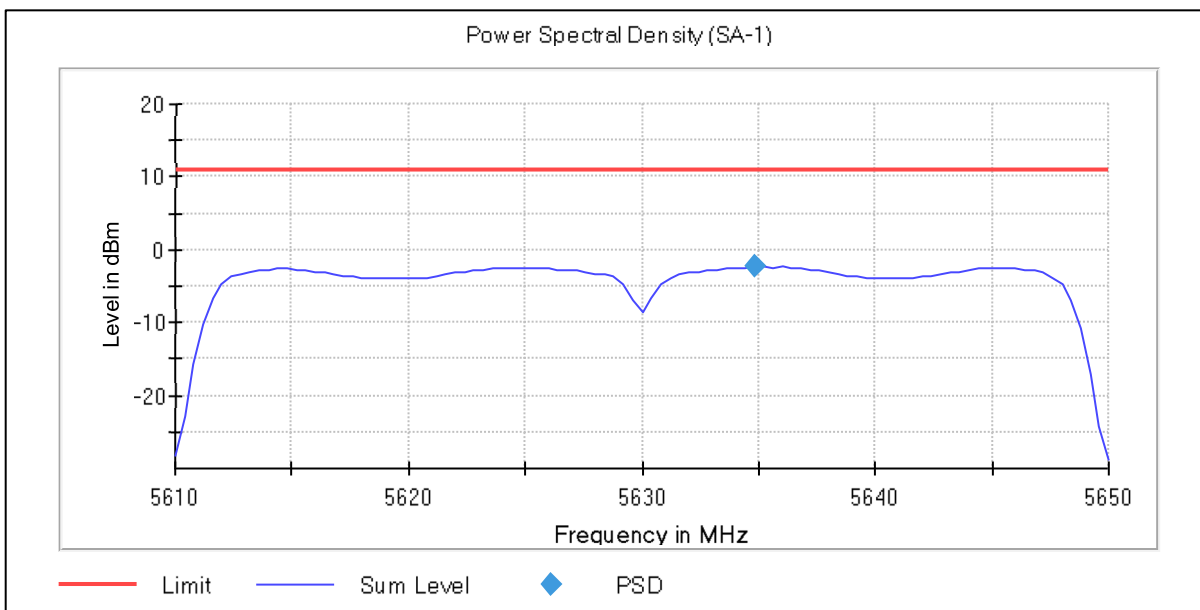
Power Spectral Density, U-NII-2C, 802.11n, 20 MHz, MCS3, ch144



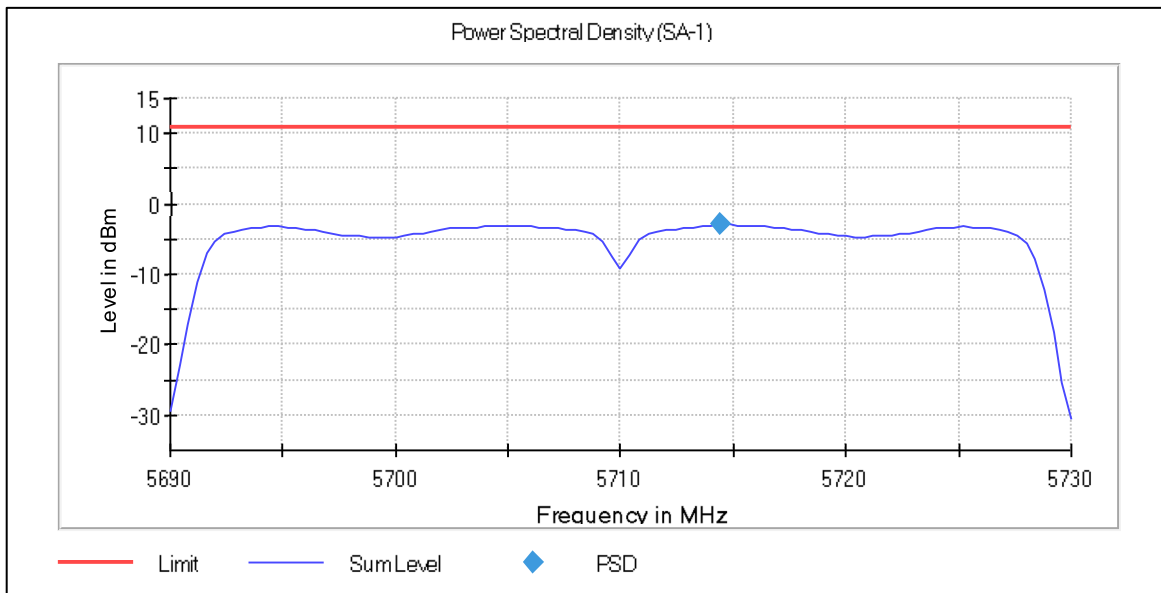
Power Spectral Density, U-NII-2C, 802.11n, 40 MHz, MCS0, ch102



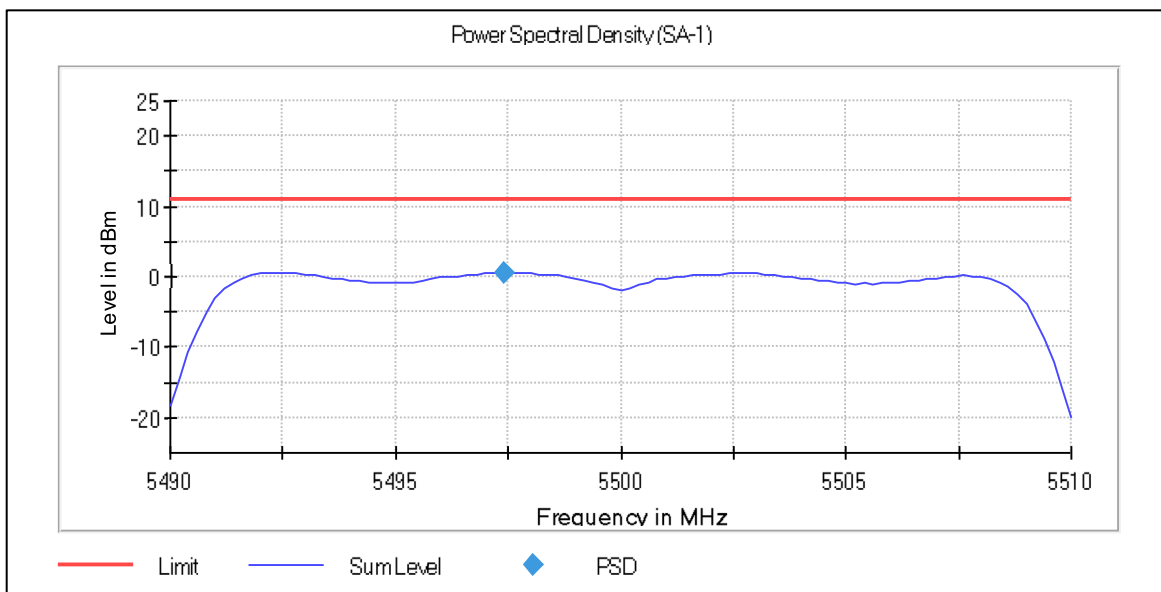
Power Spectral Density, U-NII-2C, 802.11n, 40 MHz, MCS0, ch126



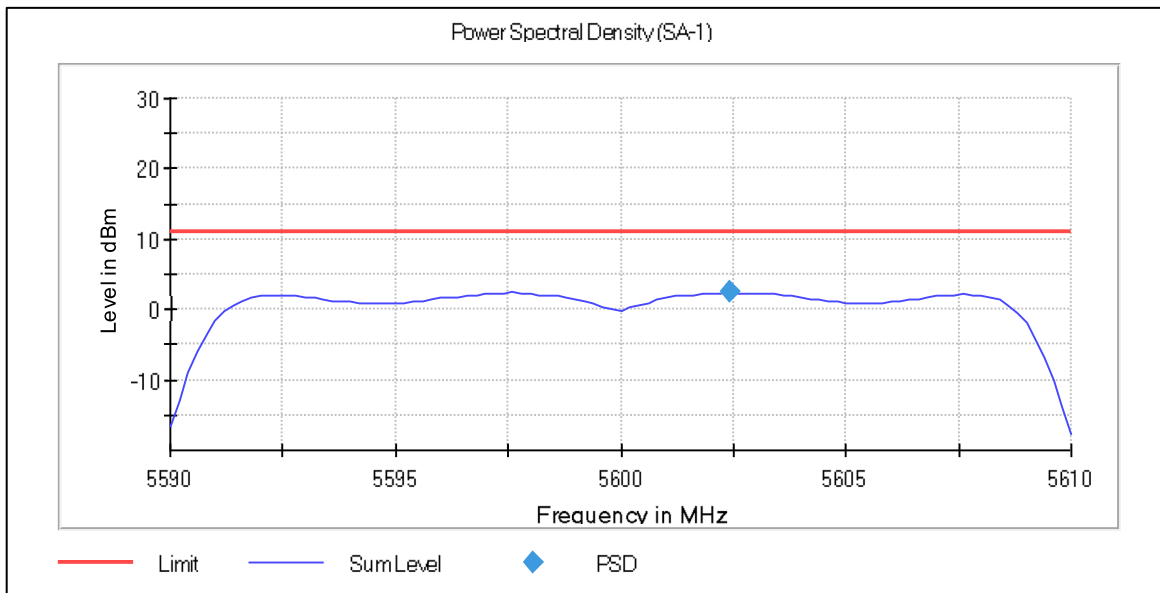
Power Spectral Density, U-NII-2C, 802.11n, 40 MHz, MCS0, ch142



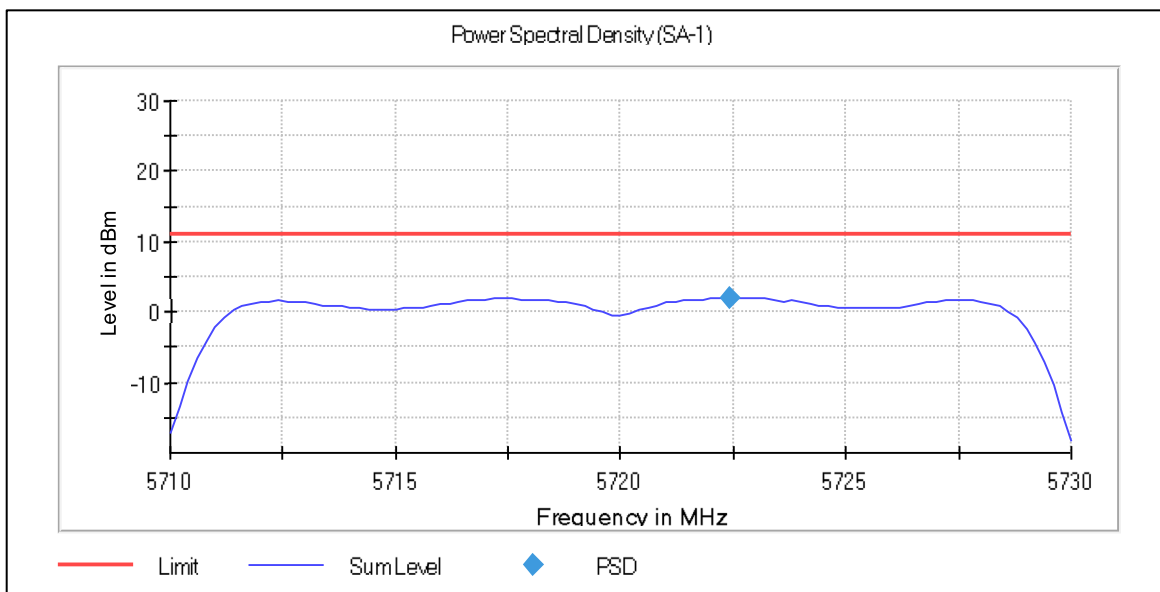
Power Spectral Density, U-NII-2C, 802.11ac, 20 MHz, MCS0, ch100



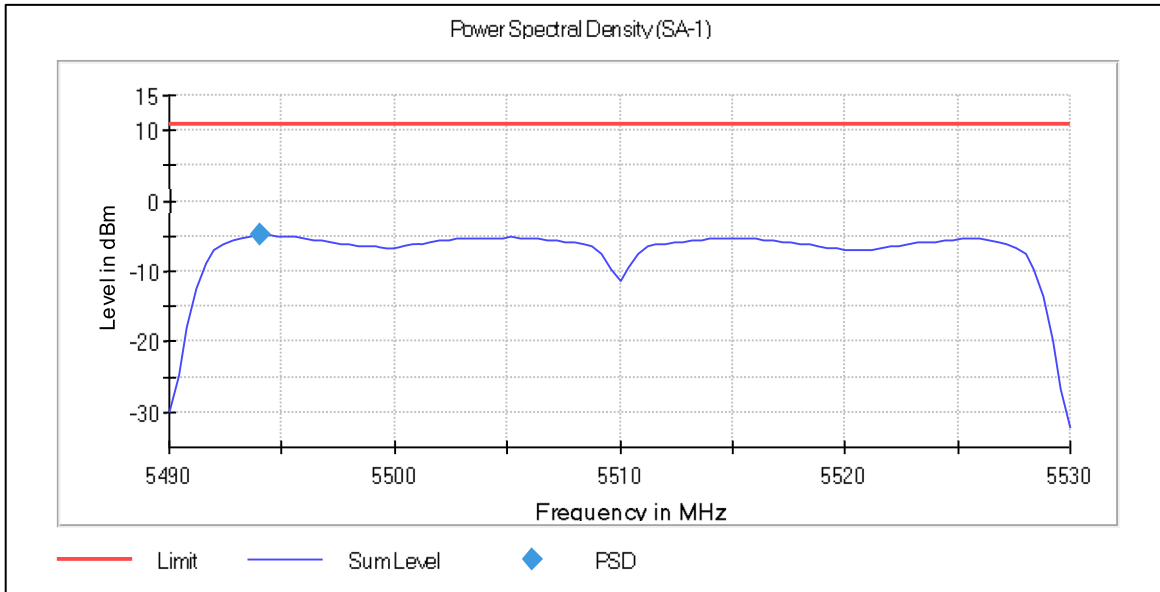
Power Spectral Density, U-NII-2C, 802.11ac, 20 MHz, MCS0, ch120



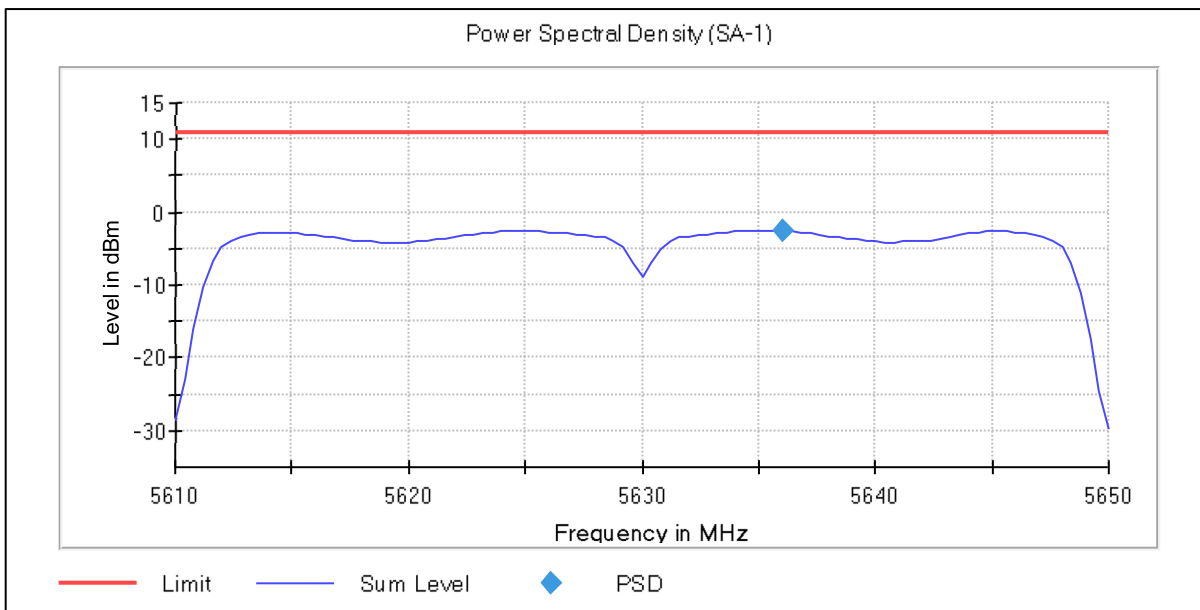
Power Spectral Density, U-NII-2C, 802.11ac, 20 MHz, MCS0, ch144



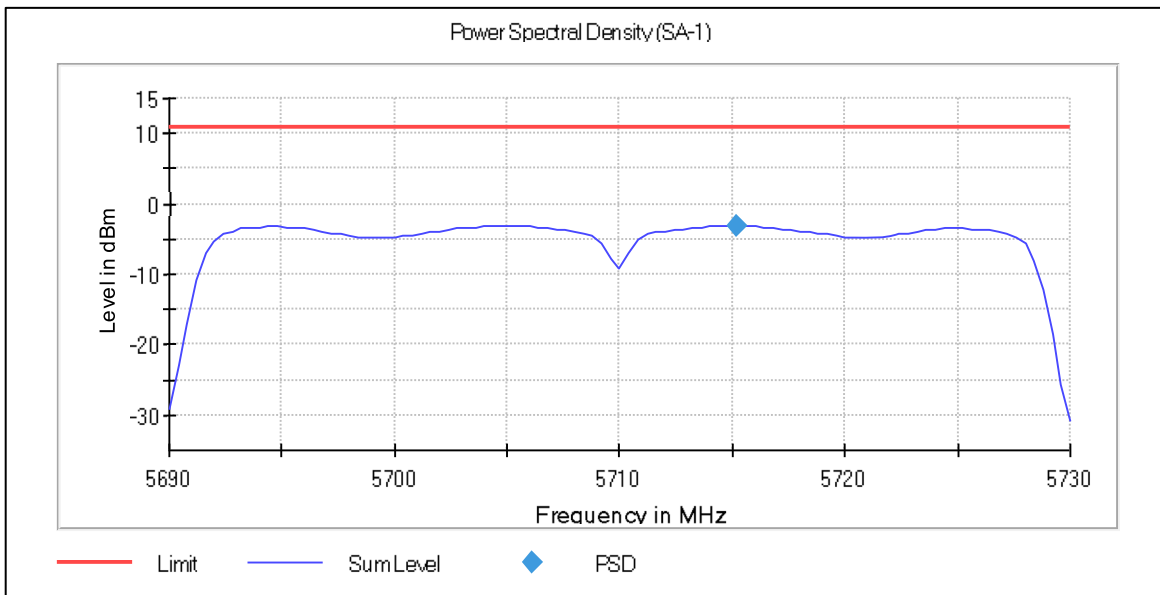
Power Spectral Density, U-NII-2C, 802.11ac, 40 MHz, MCS0, ch102



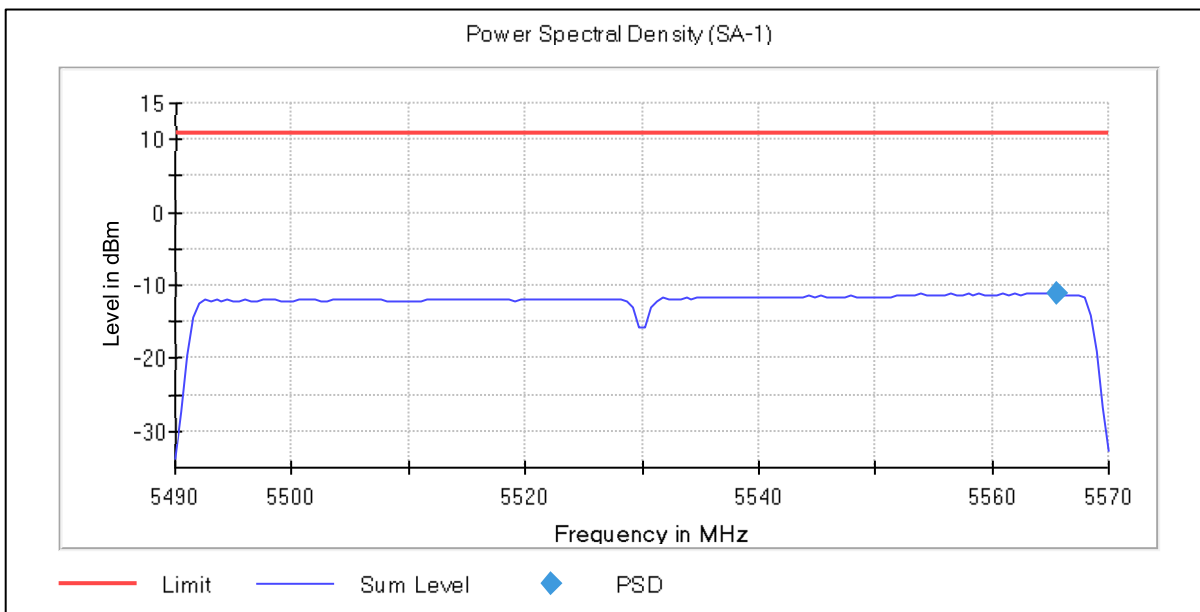
Power Spectral Density, U-NII-2C, 802.11ac, 40 MHz, MCS0, ch126



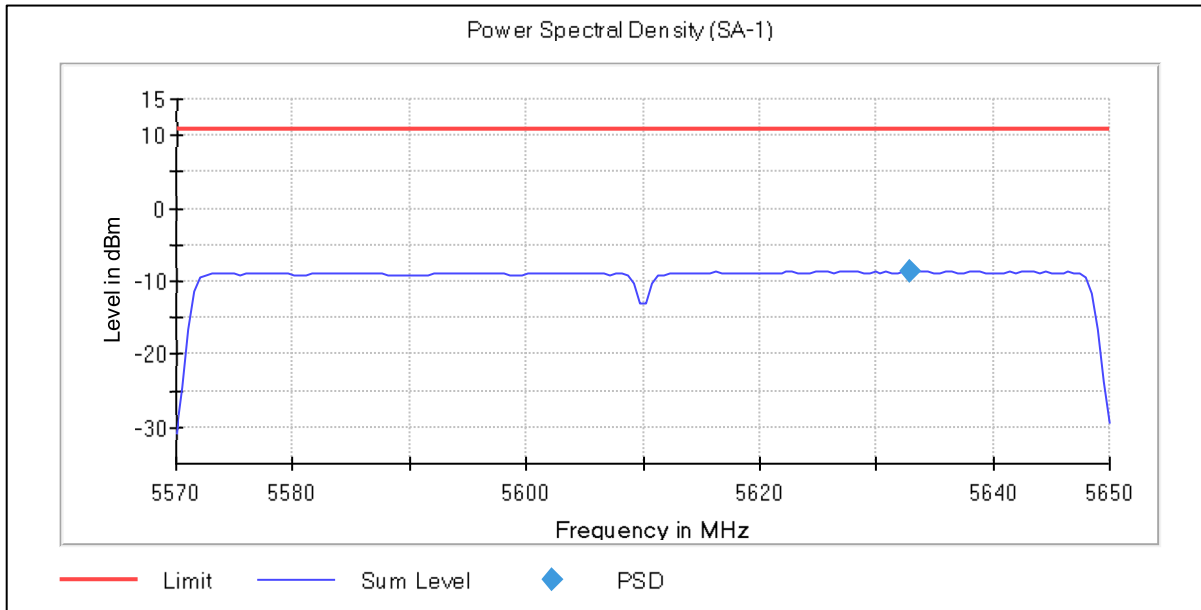
Power Spectral Density, U-NII-2C, 802.11ac, 40 MHz, MCS0, ch142



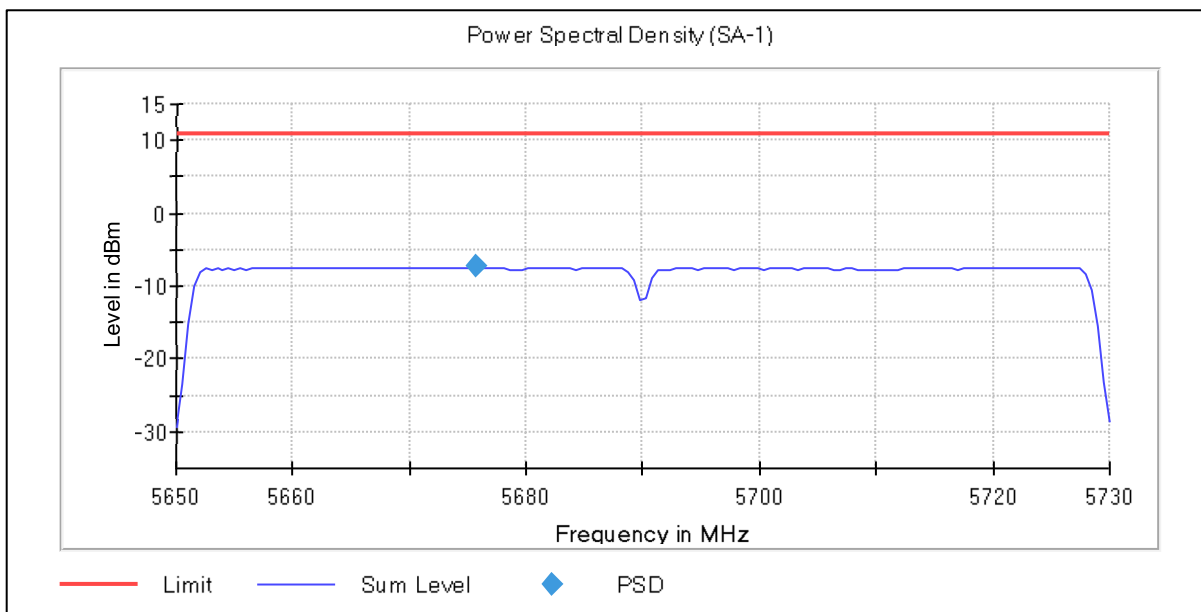
Power Spectral Density, U-NII-2C, 802.11ac, 80 MHz, MCS0, ch106



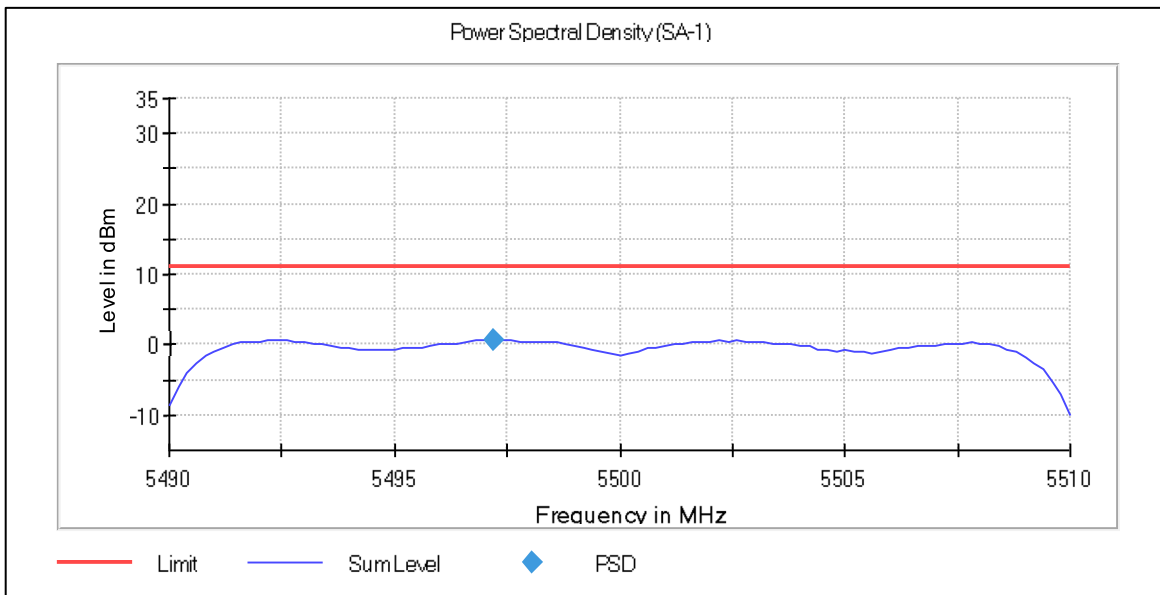
Power Spectral Density, U-NII-2C, 802.11ac, 80 MHz, MCS0, ch122



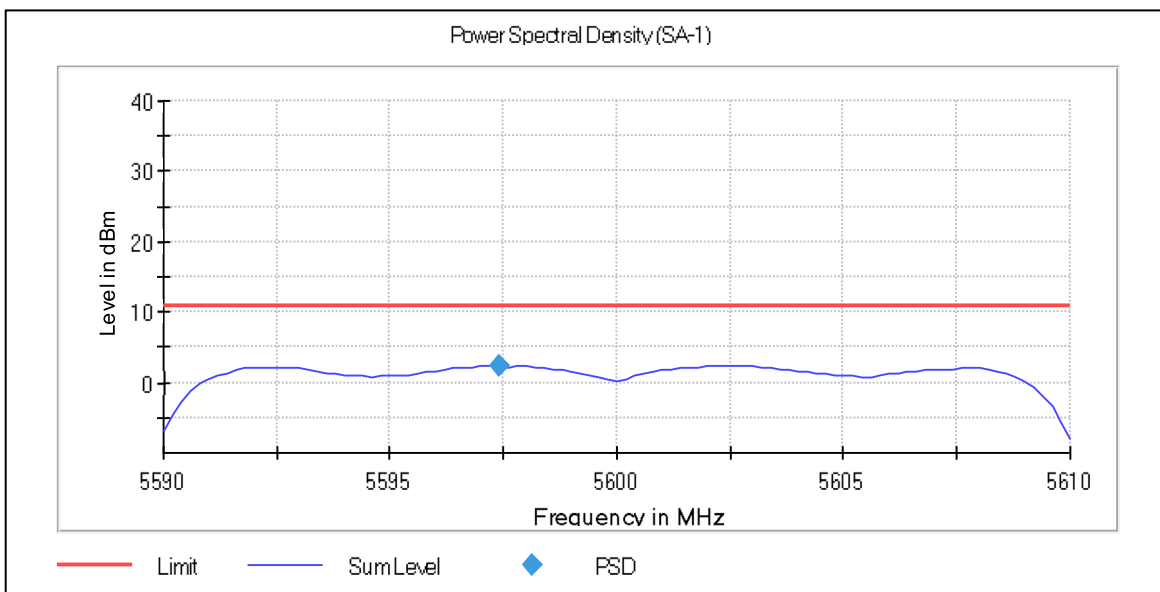
Power Spectral Density, U-NII-2C, 802.11ac, 80 MHz, MCS0, ch138



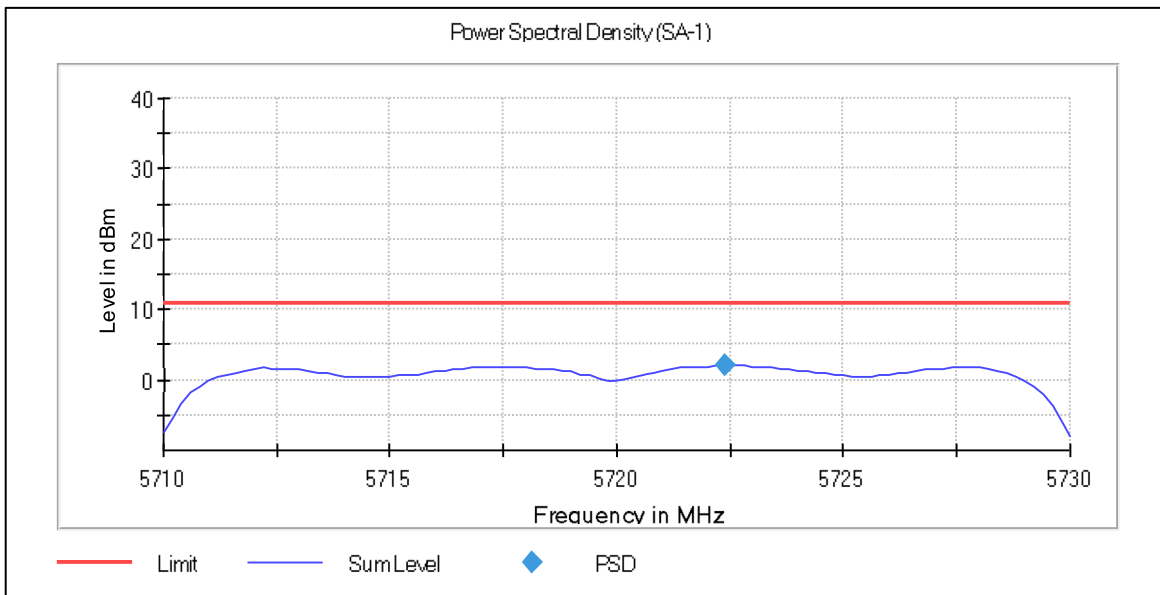
Power Spectral Density, U-NII-2C, 802.11ax HE-SU, 20 MHz, MCS0, ch100



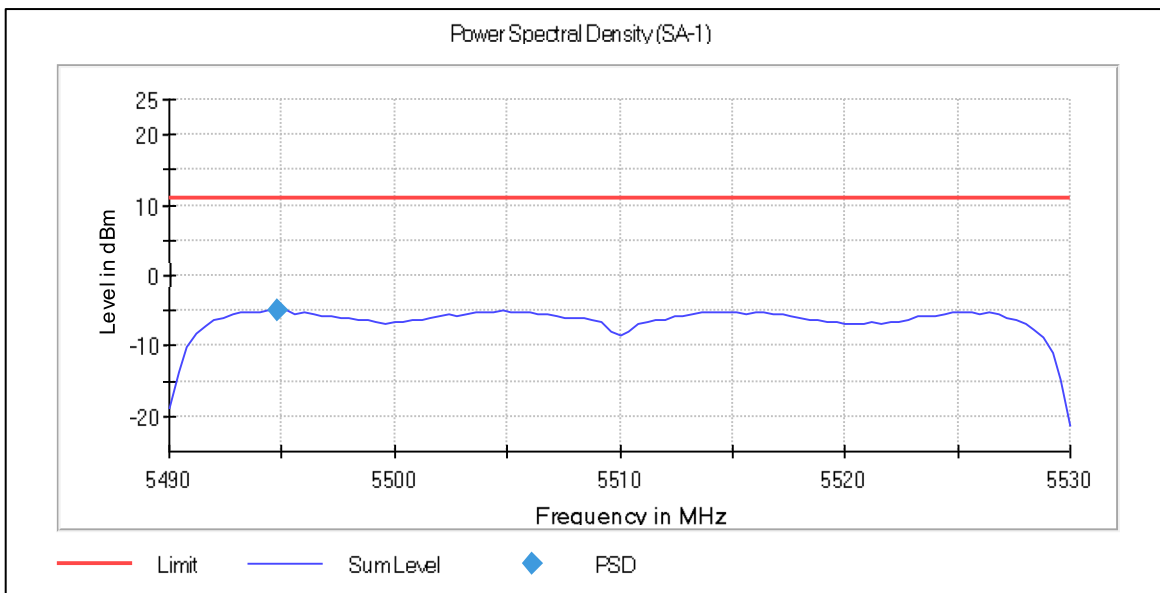
Power Spectral Density, U-NII-2C, 802.11ax HE-SU, 20 MHz, MCS0, ch120



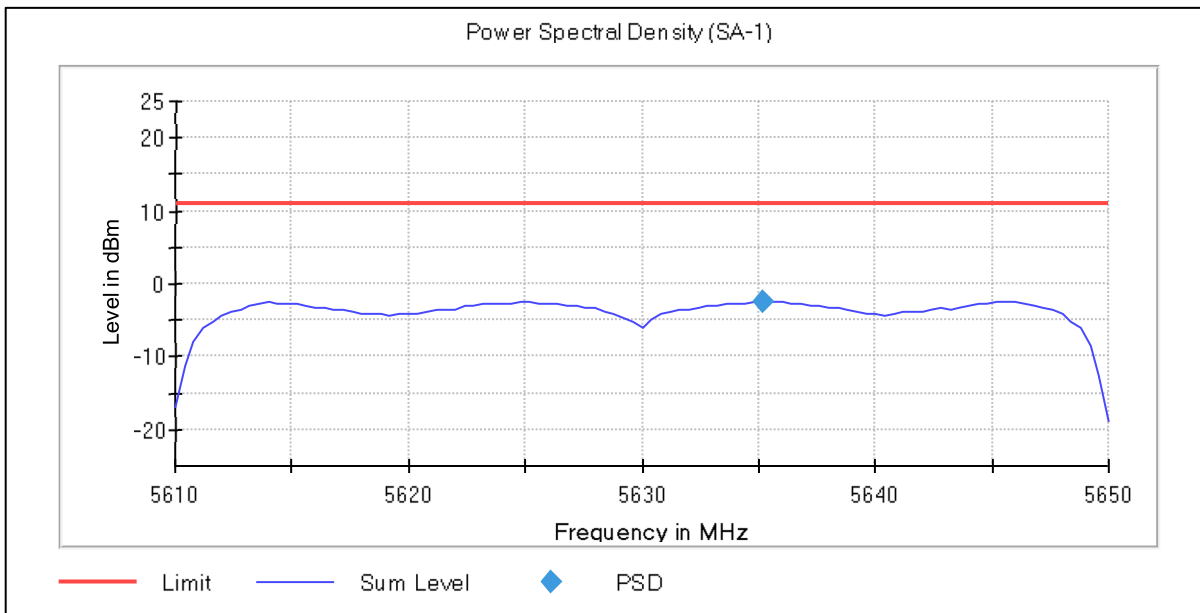
Power Spectral Density, U-NII-2C, 802.11ax HE-SU, 20 MHz, MCS0, ch144



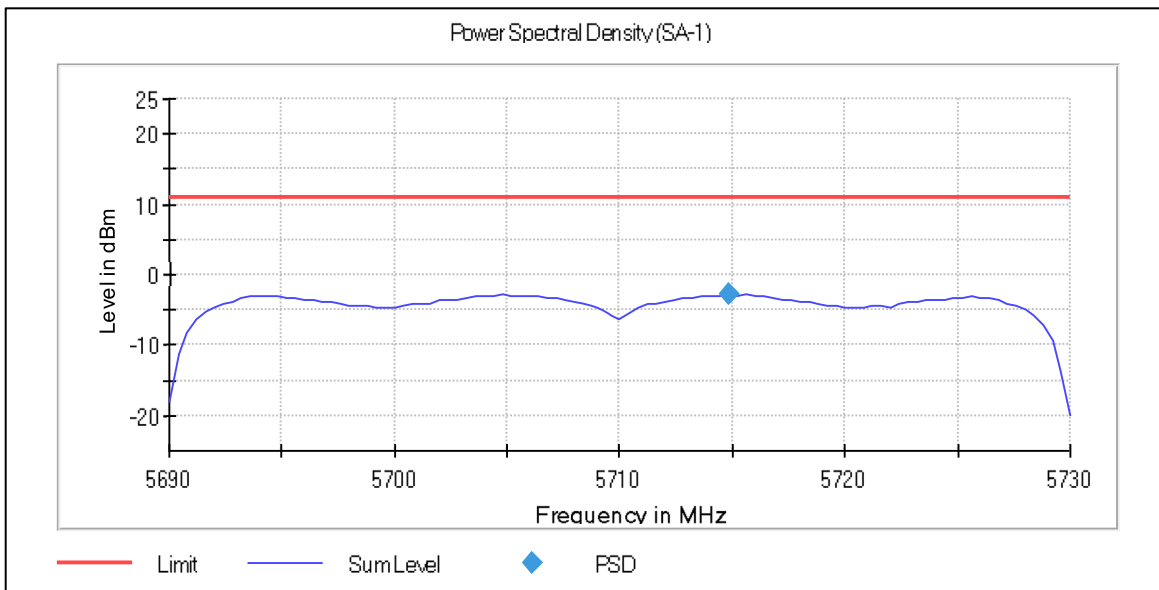
Power Spectral Density, U-NII-2C, 802.11ax HE-SU, 40 MHz, MCS2, ch102



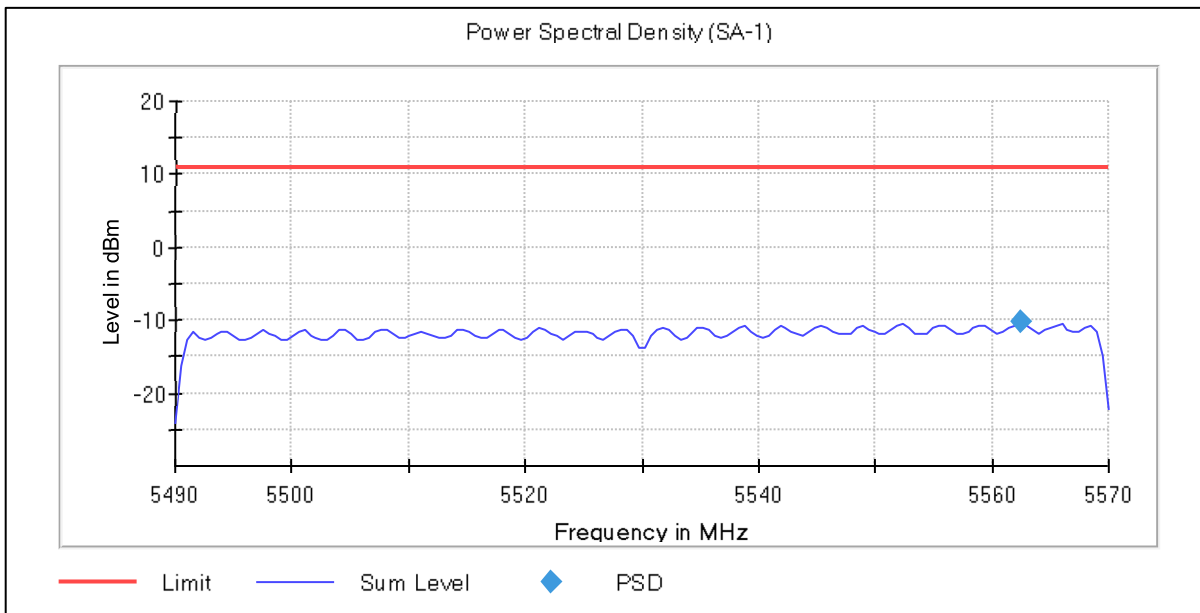
Power Spectral Density, U-NII-2C, 802.11ax HE-SU, 40 MHz, MCS2, ch126



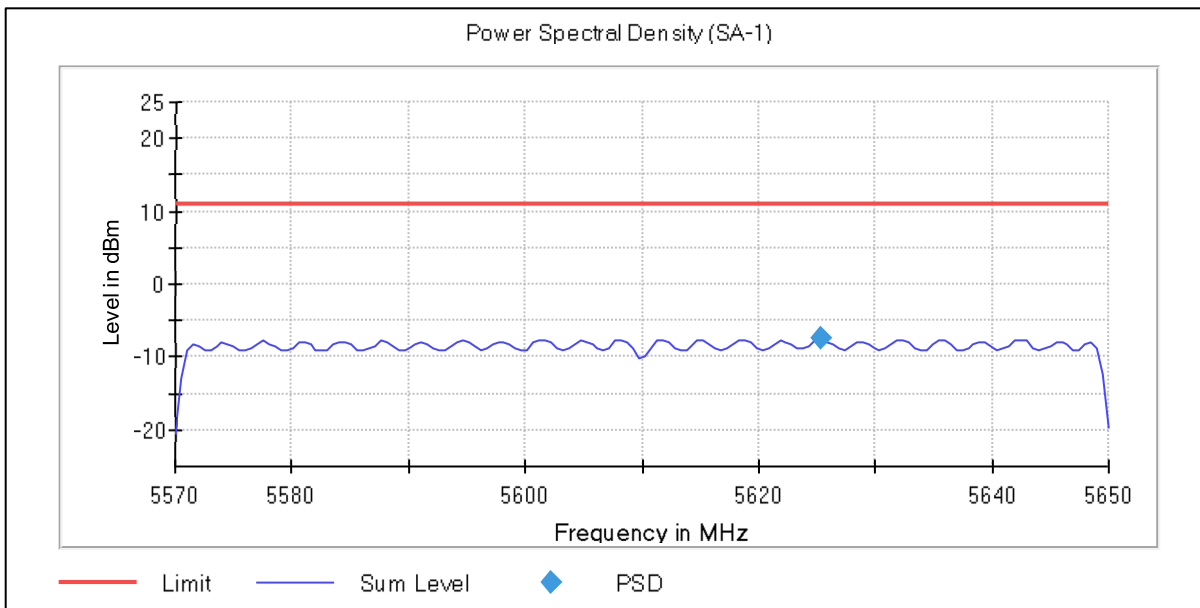
Power Spectral Density, U-NII-2C, 802.11ax HE-SU, 40 MHz, MCS2, ch142



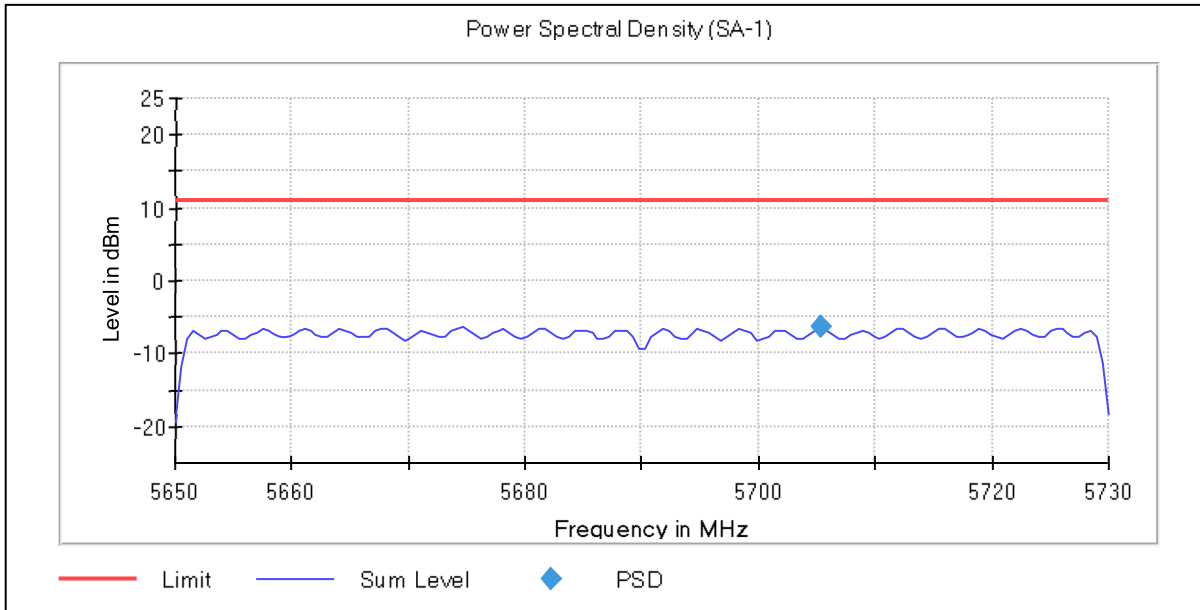
Power Spectral Density, U-NII-2C, 802.11ax HE-SU, 80 MHz, MCS0, ch106



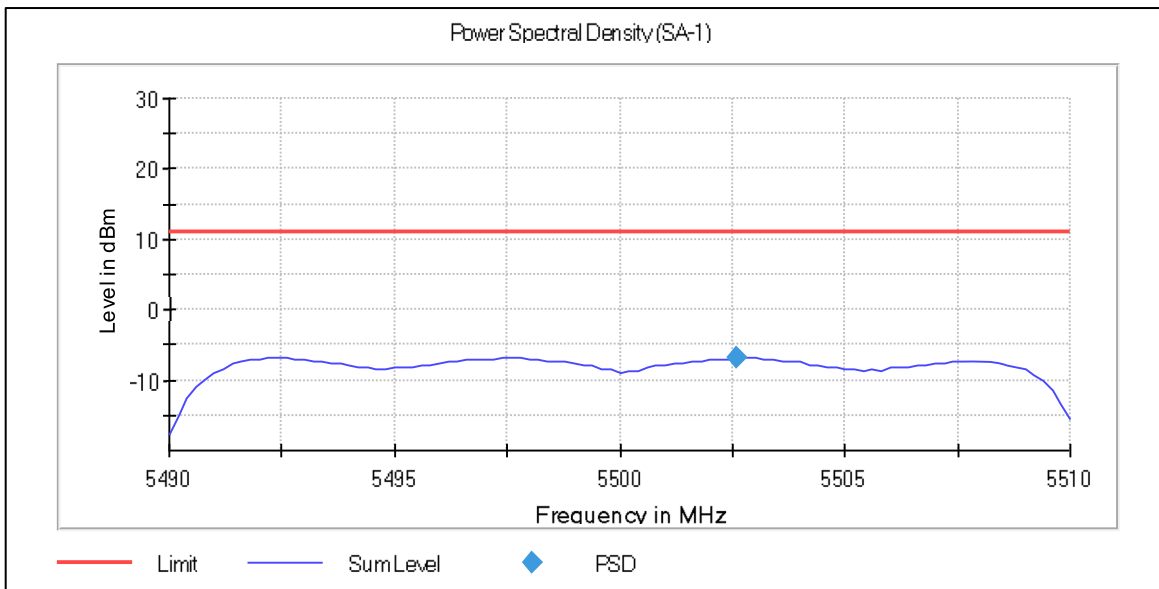
Power Spectral Density, U-NII-2C, 802.11ax HE-SU, 80 MHz, MCS0, ch122



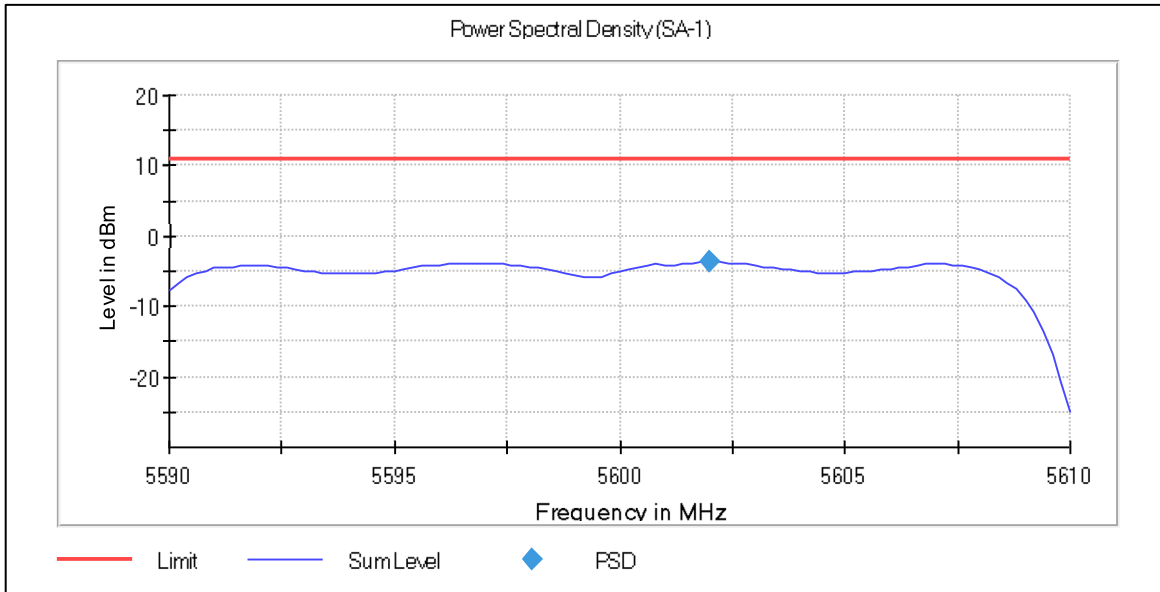
Power Spectral Density, U-NII-2C, 802.11ax HE-SU, 80 MHz, MCS0, ch138



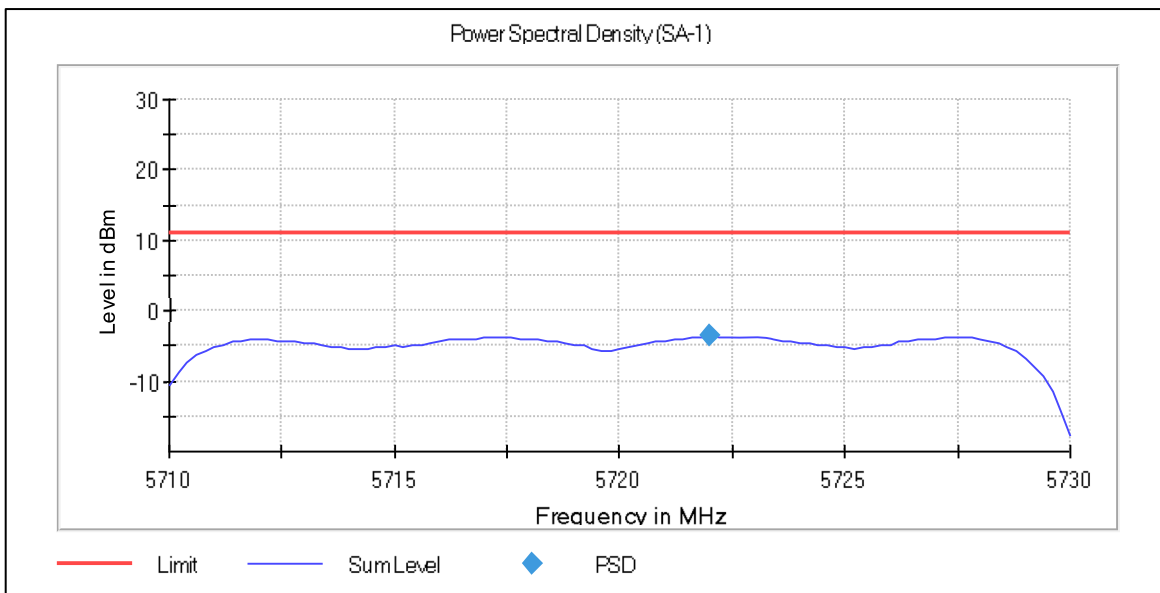
Power Spectral Density, U-NII-2C, 802.11ax HE-TB Full RU, 20 MHz, MCS0, ch100



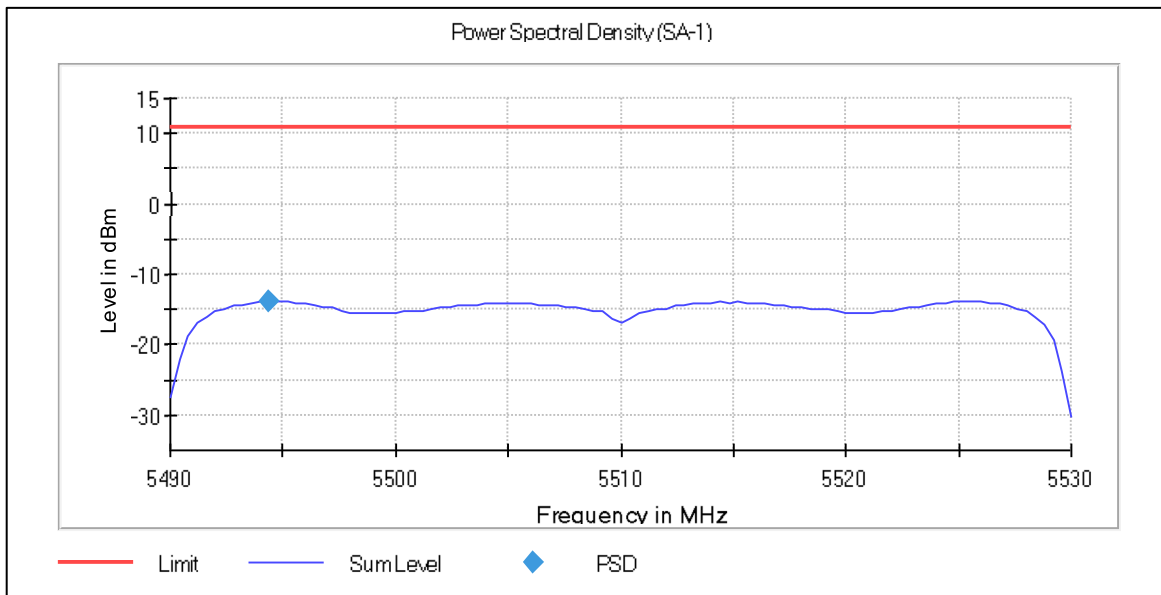
Power Spectral Density, U-NII-2C, 802.11ax HE-TB Full RU, 20 MHz, MCS0, ch120



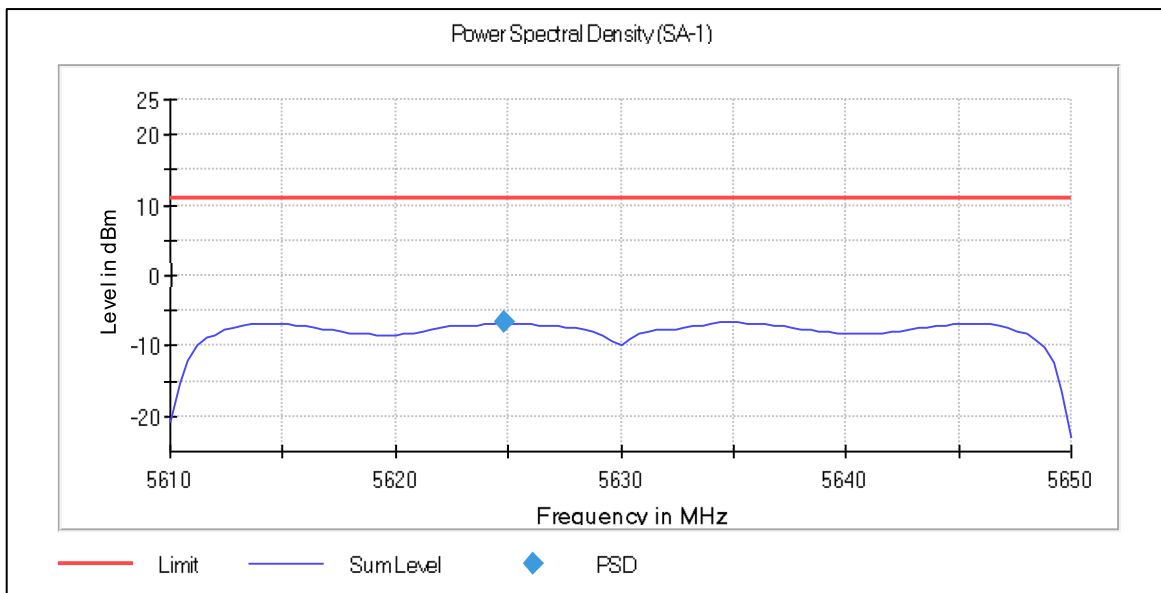
Power Spectral Density, U-NII-2C, 802.11ax HE-TB Full RU, 20 MHz, MCS0, ch144



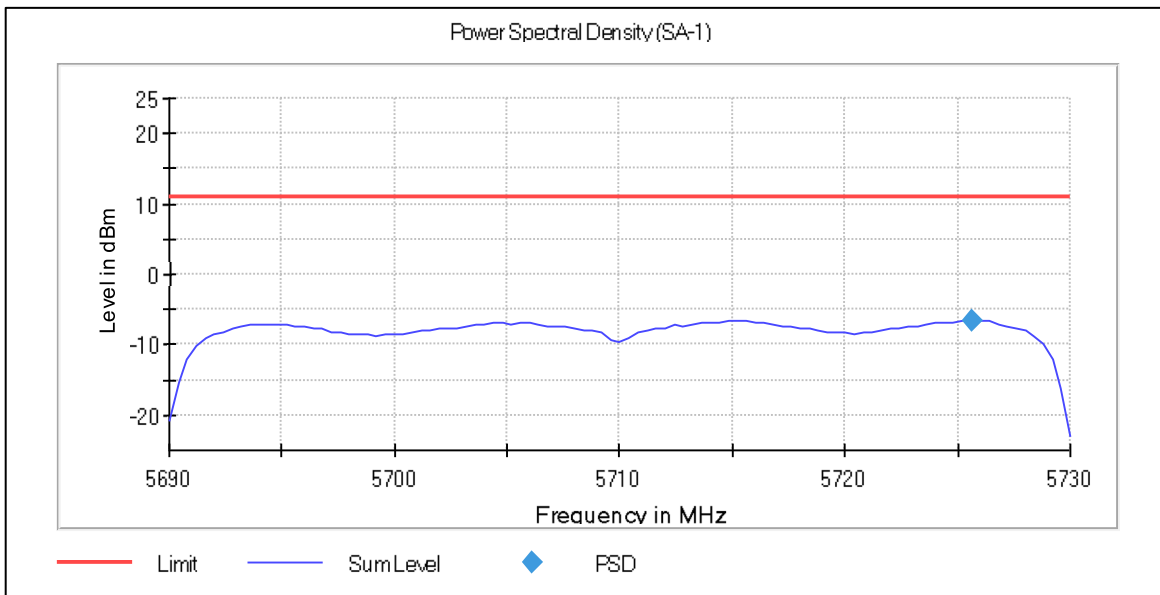
Power Spectral Density, U-NII-2C, 802.11ax HE-TB Full RU, 40 MHz, MCS0, ch102



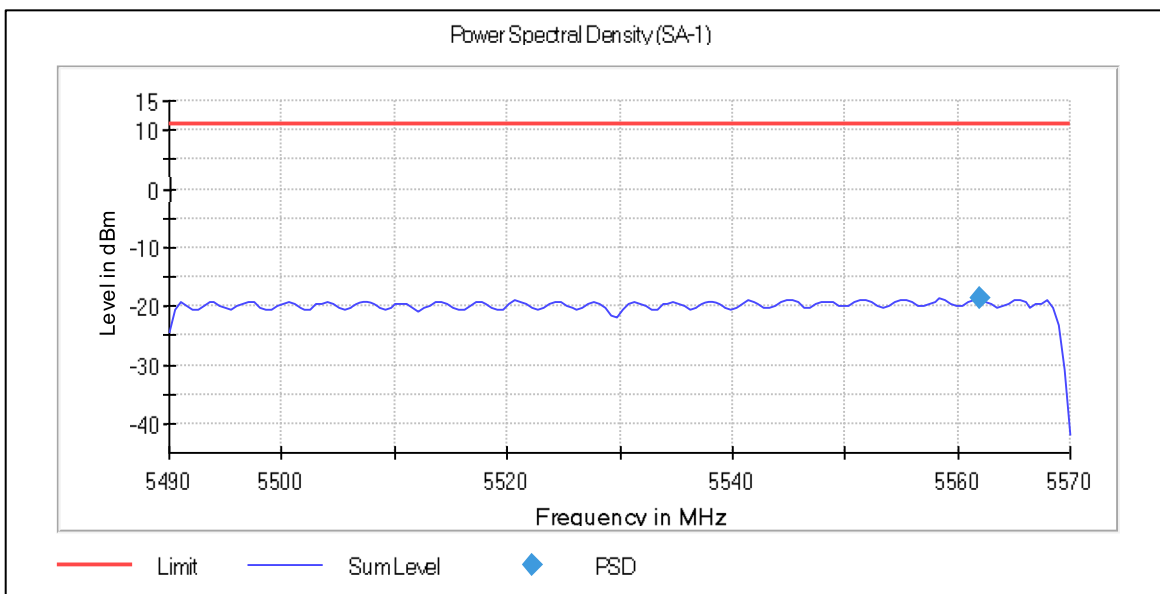
Power Spectral Density, U-NII-2C, 802.11ax HE-TB Full RU, 40 MHz, MCS0, ch126



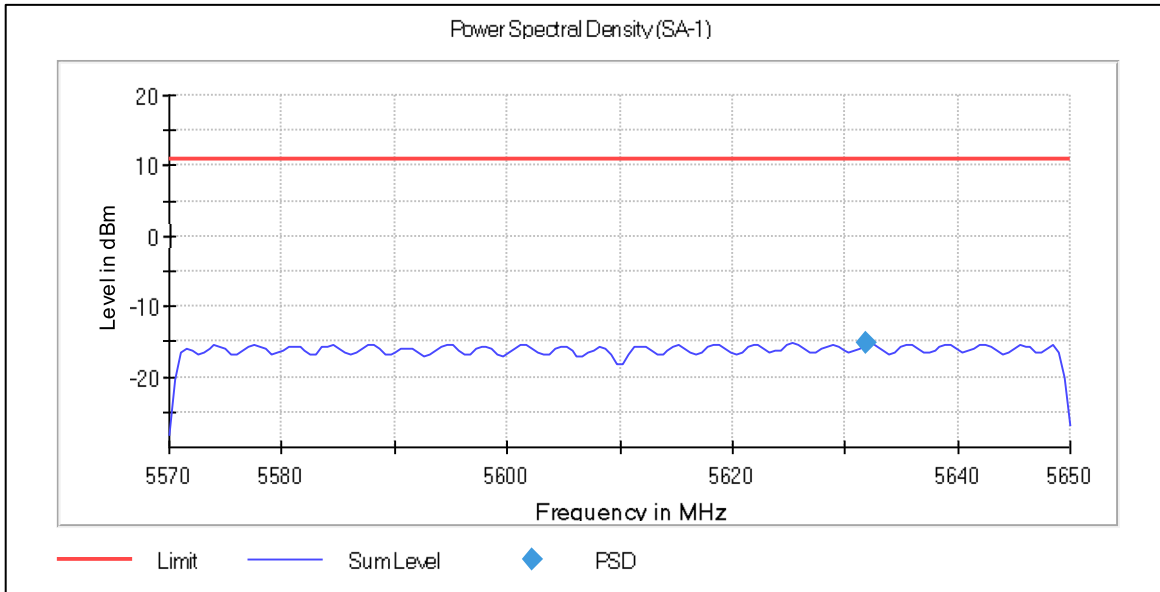
Power Spectral Density, U-NII-2C, 802.11ax HE-TB Full RU, 40 MHz, MCS0, ch142



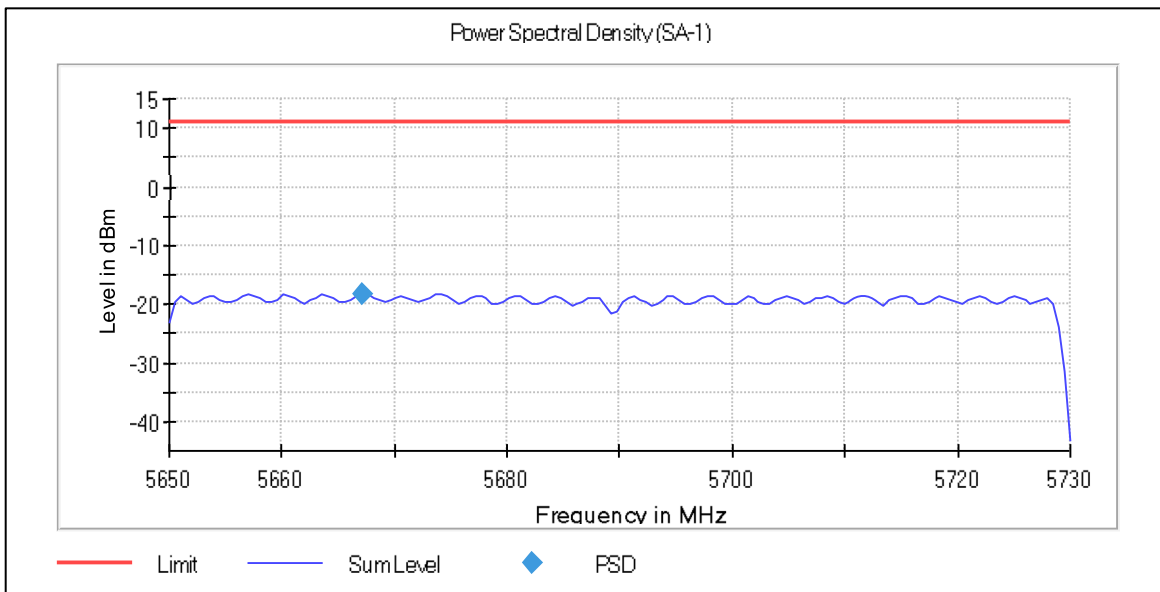
Power Spectral Density, U-NII-2C, 802.11ax HE-TB Full RU, 80 MHz, MCS0, ch106



Power Spectral Density, U-NII-2C, 802.11ax HE-TB Full RU, 80 MHz, MCS0, ch122



Power Spectral Density, U-NII-2C, 802.11ax HE-TB Full RU, 80 MHz, MCS0, ch106



Power Spectral Density, Summary, results U-NII-3

Mode / modulation	Channel	DUT Frequency (MHz)	Nominal BW (MHz)	PSD (dBm)	Limit Max (dBm/MHz)	Result
U-NII-3, 802.11a, ch149, 20 MHz, 6 Mbps	149	5747.600000	20	1.697	30.0	PASS
U-NII-3, 802.11a, ch157, 20 MHz, 6 Mbps	157	5787.600000	20	2.181	30.0	PASS
U-NII-3, 802.11a, ch165, 20 MHz, 6 Mbps	165	5827.400000	20	1.689	30.0	PASS
U-NII-3, 802.11n, ch149, 20 MHz, MCS3	149	5737.400000	20	0.868	30.0	PASS
U-NII-3, 802.11n, ch157, 20 MHz, MCS3	157	5787.600000	20	1.015	30.0	PASS
U-NII-3, 802.11n, ch165, 20 MHz, MCS3	165	5827.600000	20	0.317	30.0	PASS
U-NII-3, 802.11n, ch151, 40 MHz, MCS0	149+153	5759.905660	40	-3.818	30.0	PASS
U-NII-3, 802.11n, ch159, 40 MHz, MCS0	157+161	5789.842767	40	-3.922	30.0	PASS
U-NII-3, 802.11ac, ch149, 20 MHz, MCS0	149	5747.600000	20	0.691	30.0	PASS
U-NII-3, 802.11ac, ch157, 20 MHz, MCS0	157	5787.800000	20	0.877	30.0	PASS
U-NII-3, 802.11ac, ch165, 20 MHz, MCS0	165	5822.400000	20	0.339	30.0	PASS
U-NII-3, 802.11ac, ch151, 40 MHz, MCS0	149+153	5750.094340	40	-3.879	30.0	PASS
U-NII-3, 802.11ac, ch159, 40 MHz, MCS0	157+161	5800.660377	40	-3.806	30.0	PASS
U-NII-3, 802.11ac, ch155, 80 MHz, MCS0	149+153+157 +161	5801.457680	80	-6.677	30.0	PASS
U-NII-3, 802.11ax HE-SU, ch149, 20 MHz, MCS0	149	5737.200000	20	0.632	30.0	PASS
U-NII-3, 802.11ax HE-SU, ch157, 20 MHz, MCS0	157	5787.800000	20	0.769	30.0	PASS
U-NII-3, 802.11ax HE-SU, ch165, 20 MHz, MCS0	165	5822.400000	20	0.288	30.0	PASS
U-NII-3, 802.11ax HE-SU, ch151, 40 MHz, MCS0	149+153	5759.905660	40	-3.769	30.0	PASS
U-NII-3, 802.11ax HE-SU, ch159, 40 MHz, MCS0	157+161	5801.163522	40	-3.700	30.0	PASS
U-NII-3, 802.11ax HE-SU, ch106, 80 MHz, MCS0	149+153+157 +161	5766.347962	80	-6.585	30.0	PASS
U-NII-3, 802.11ax HE-TB Full RU, ch149, 20 MHz, MCS0	149	5742.800000	20	-5.790	30.0	PASS
U-NII-3, 802.11ax HE-TB Full RU, ch157, 20 MHz, MCS0	157	5787.800000	20	-5.827	30.0	PASS
U-NII-3, 802.11ax HE-TB Full RU, ch165, 20 MHz, MCS0	165	5822.400000	20	-6.072	30.0	PASS
U-NII-3, 802.11ax HE-TB Full RU, ch151, 40 MHz, MCS0	149+153	5749.591195	40	-8.586	30.0	PASS
U-NII-3, 802.11ax HE-TB Full RU, ch126, 40 MHz, MCS0	157+161	5790.094340	40	-9.336	30.0	PASS
U-NII-3, 802.11ax HE-TB Full RU, ch106, 80 MHz, MCS0	149+153+157 +161	5800.203762	80	-19.359	30.0	PASS
RBW = 0.5 MHz						