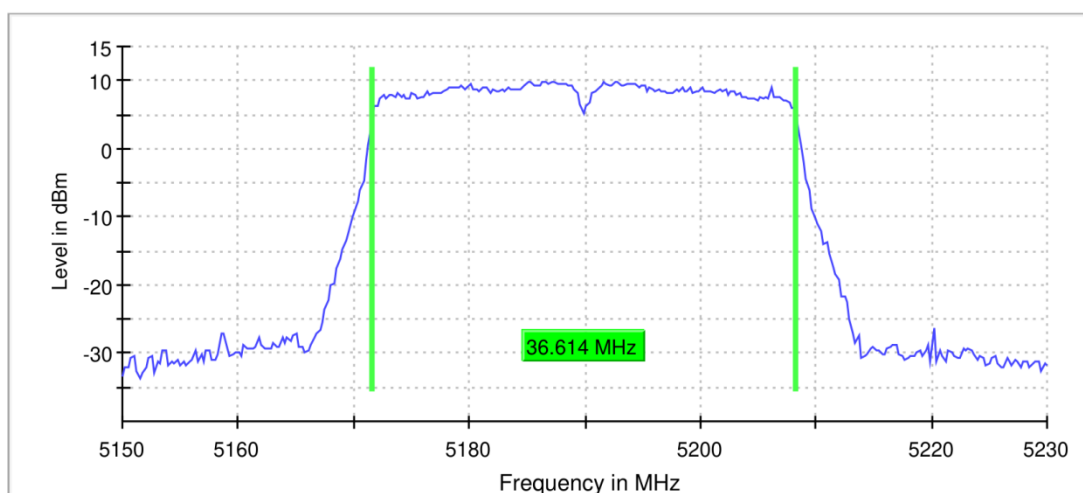


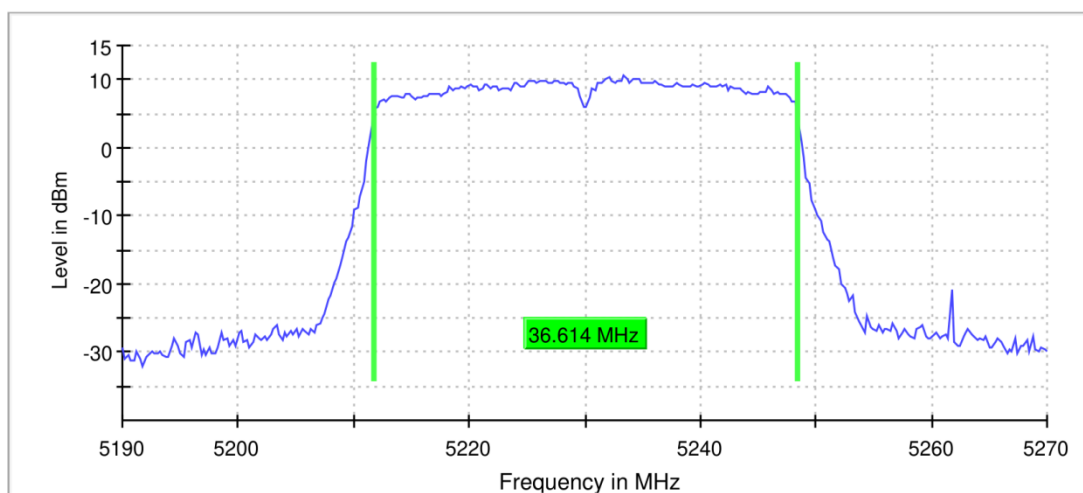


99 % Bandwidth



11N40 _ANT6_5230

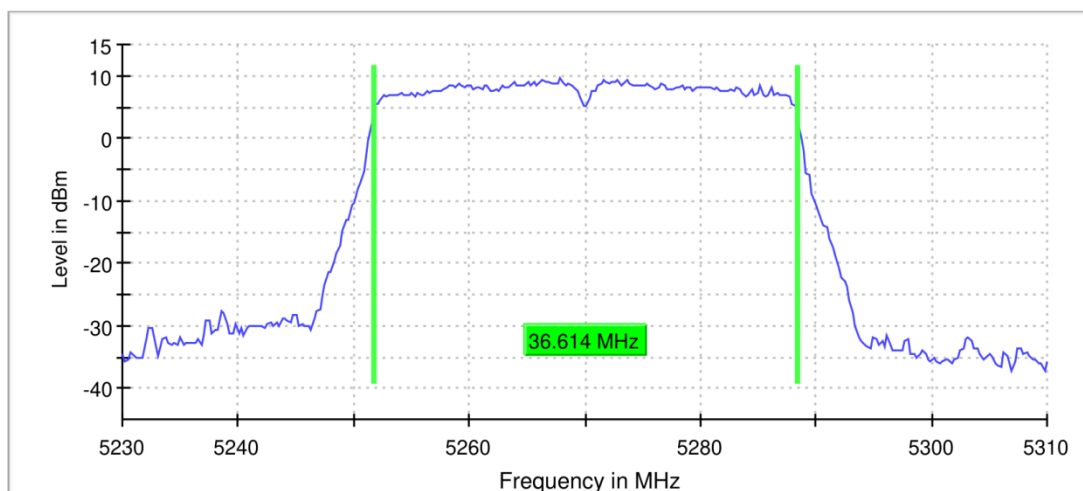
99 % Bandwidth



11N40 _ANT6_5270

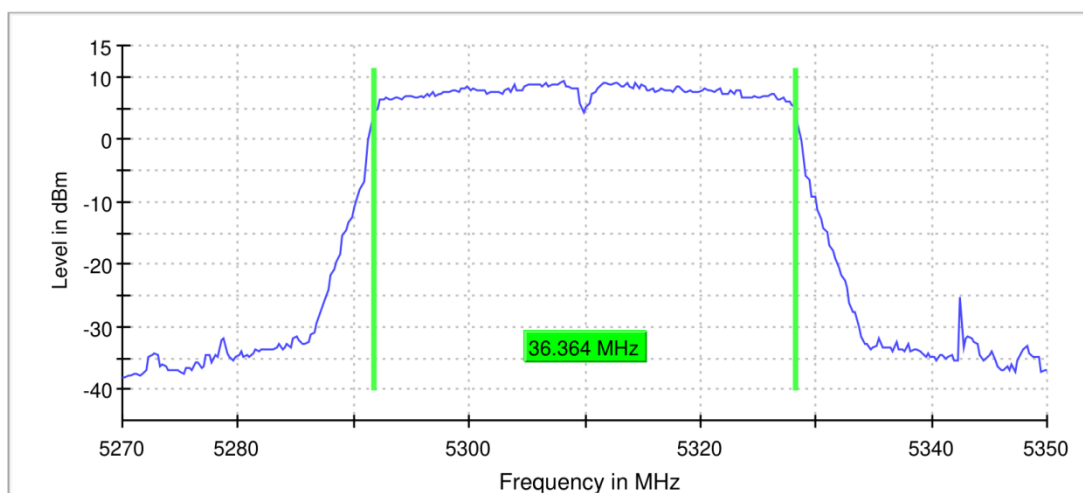


99 % Bandwidth



11N40 _ANT6_5310

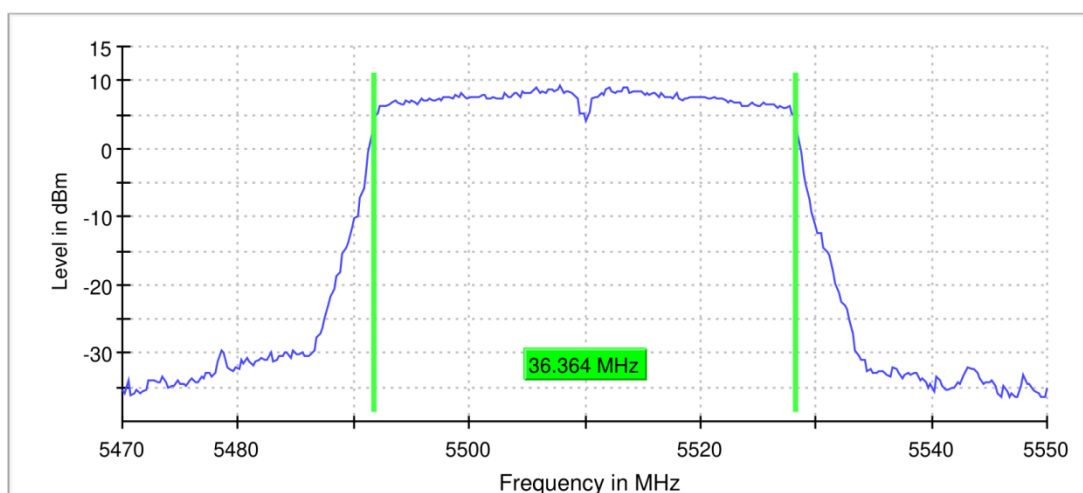
99 % Bandwidth



11N40 _ANT6_5510

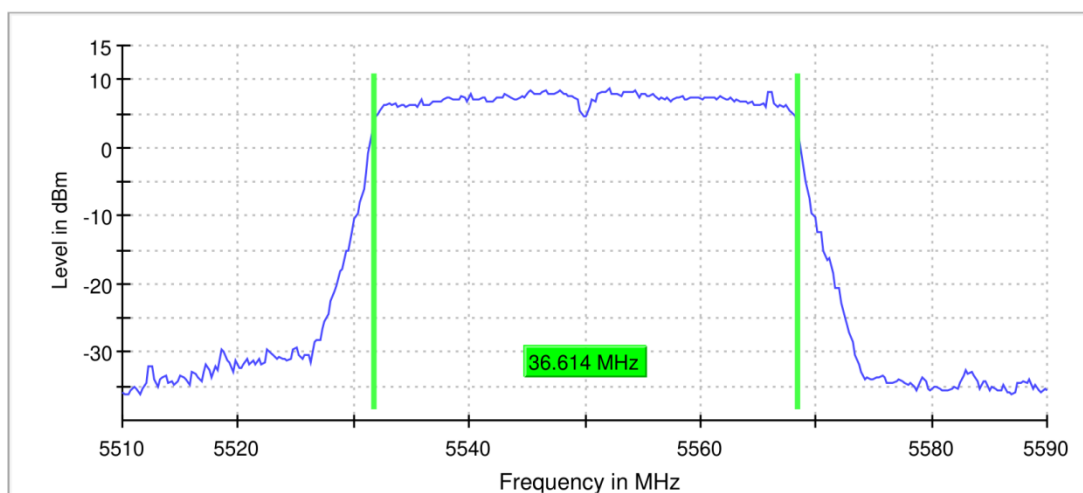


99 % Bandwidth



11N40 _ANT6_5550

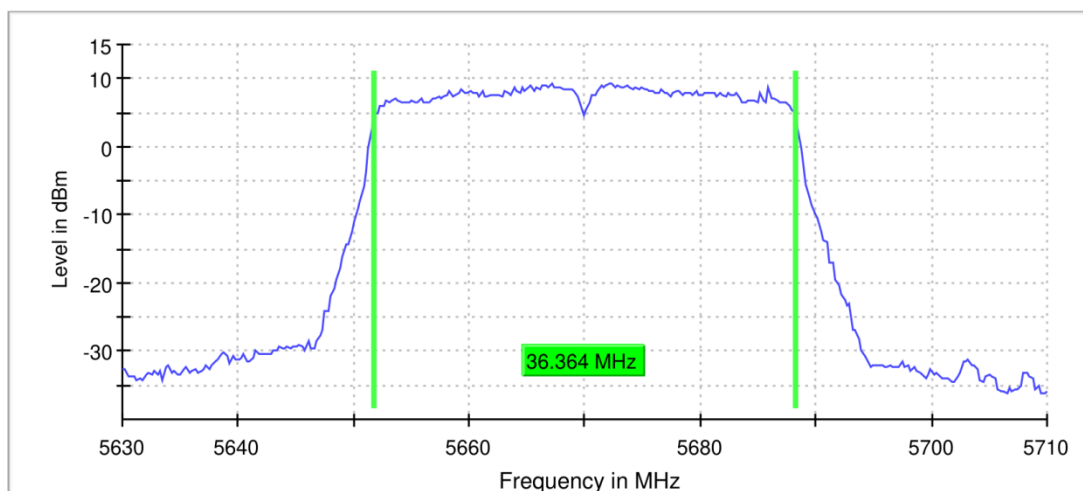
99 % Bandwidth



11N40 _ANT6_5670

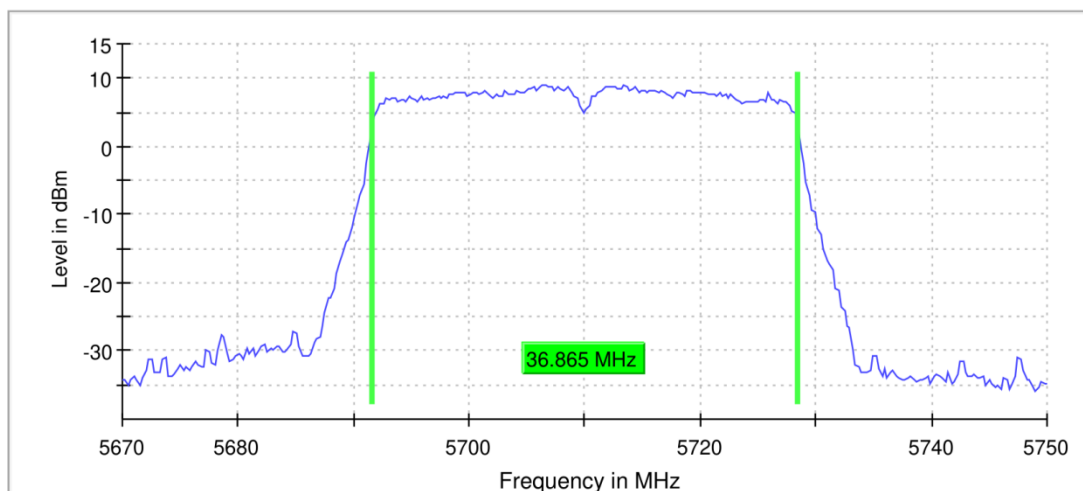


99 % Bandwidth



11N40 _ANT6_5710

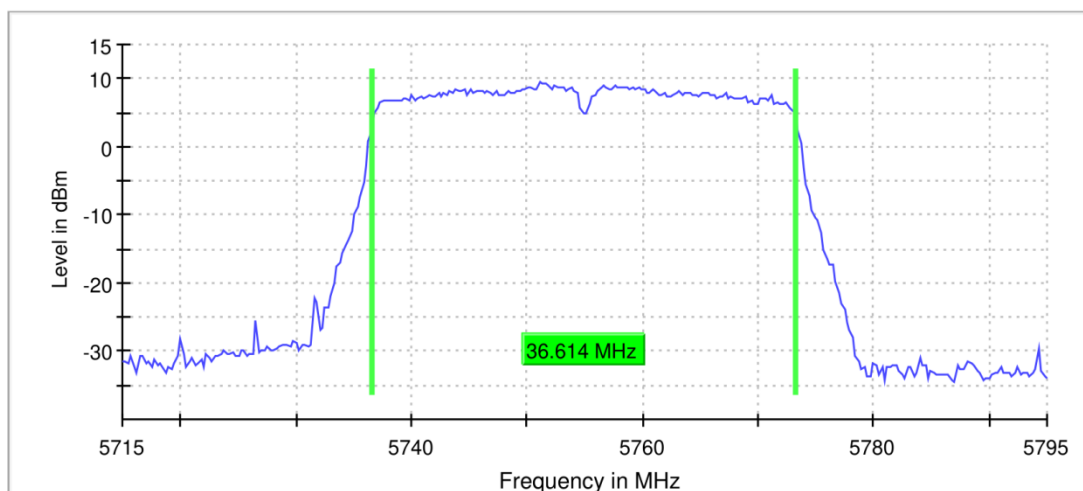
99 % Bandwidth



11N40 _ANT6_5755

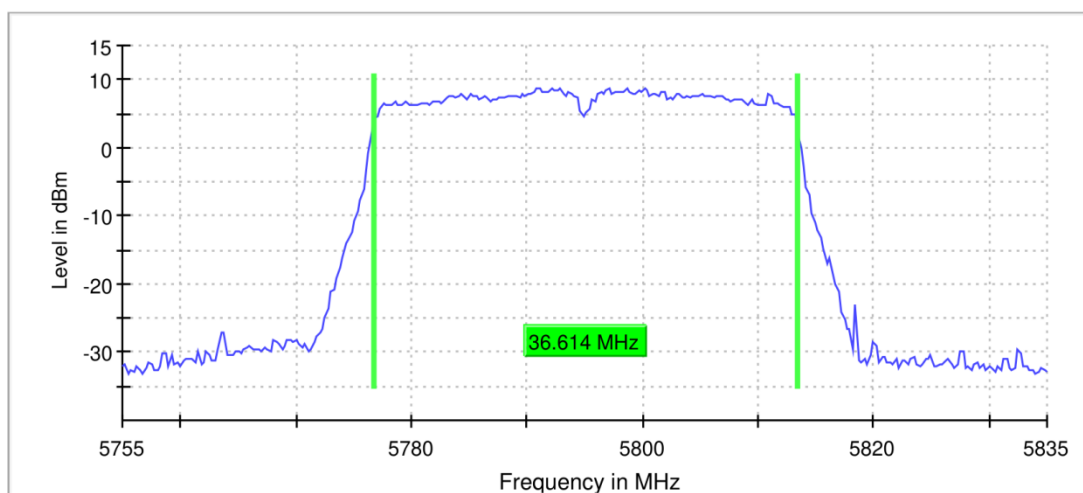


99 % Bandwidth



11N40 _ANT6_5795

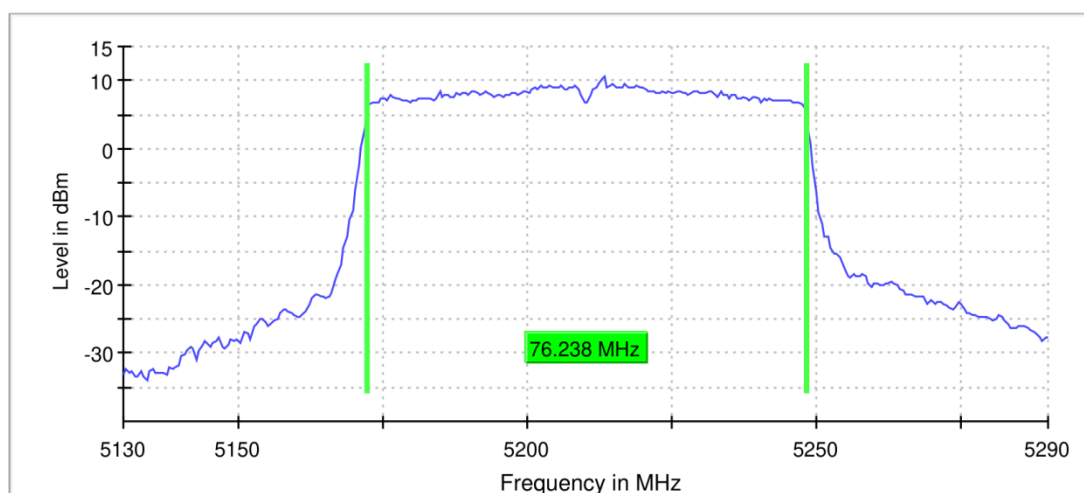
99 % Bandwidth



11AC80 _ANT6_5210

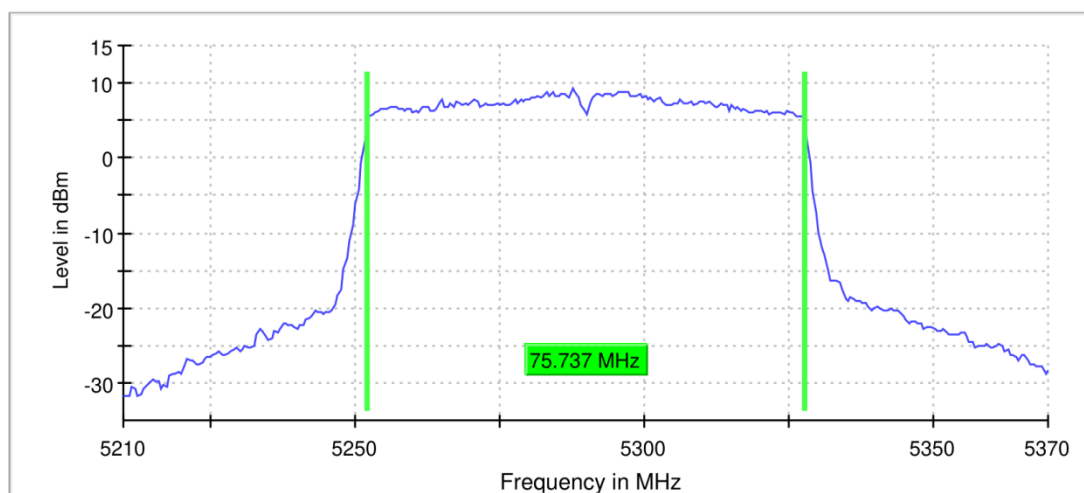


99 % Bandwidth



11AC80 _ANT6_5290

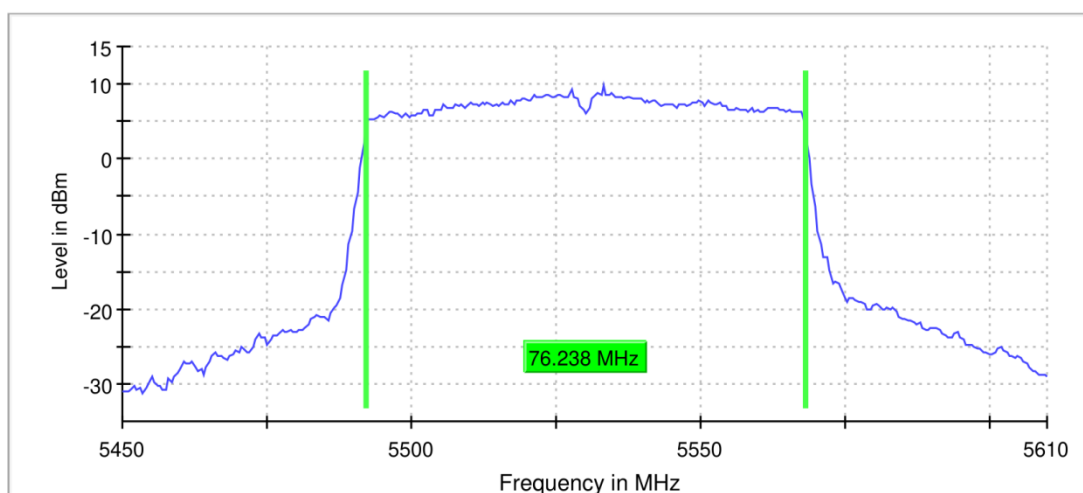
99 % Bandwidth



11AC80 _ANT6_5530

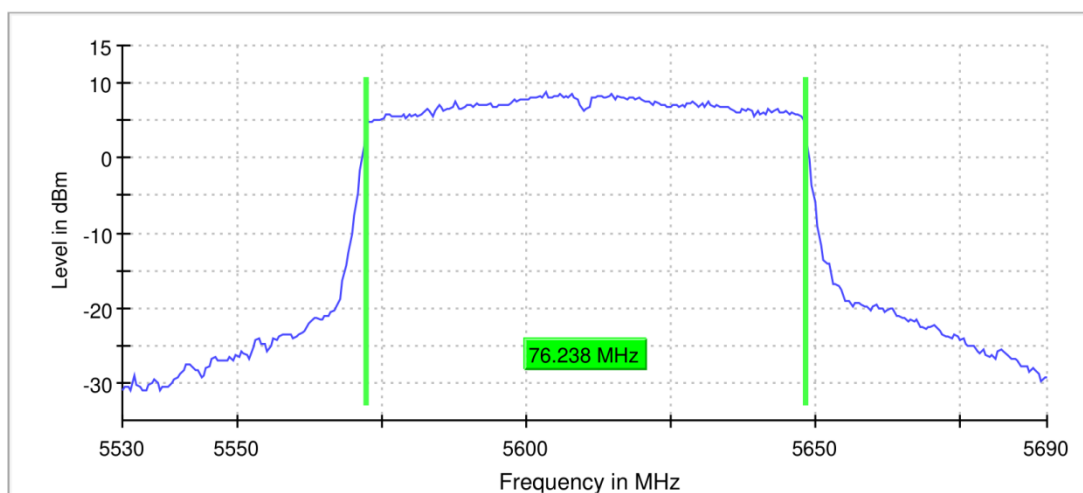


99 % Bandwidth

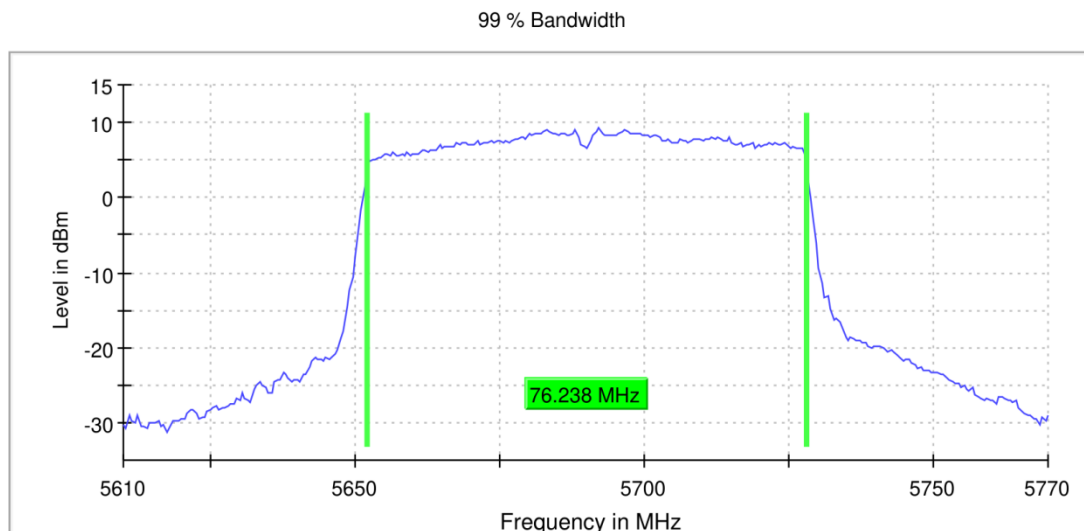


11AC80 _ANT6_5610

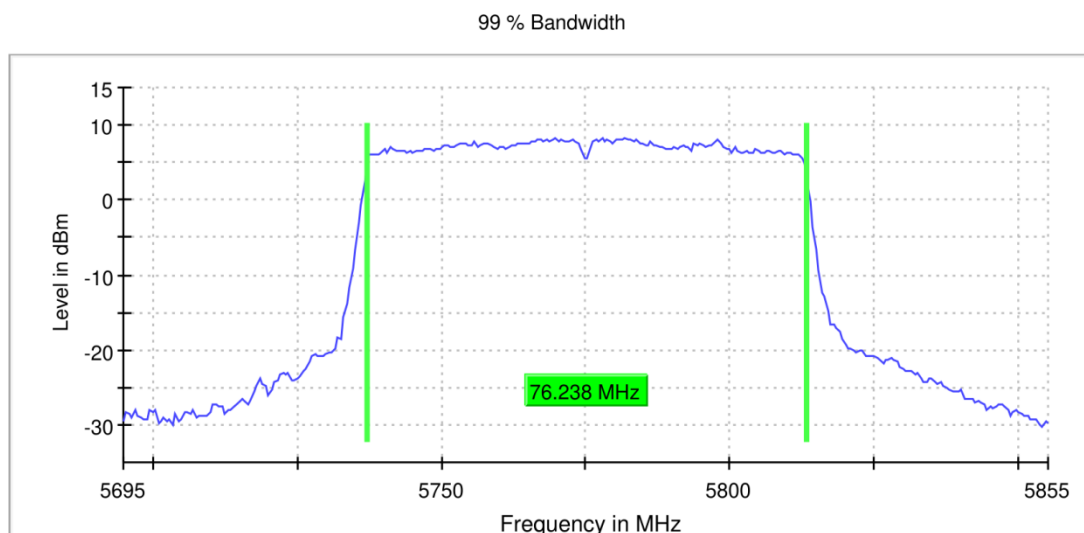
99 % Bandwidth



11AC80 _ANT6_5690



11AC80 _ANT6_5775



20M

RBW 200.000 kHz

VBW 1.000 MHz

40M

RBW 500.000 kHz

VBW 2.000 MHz

80M

RBW 1.000 MHz

VBW 3.000 MHz



MIN EMISSION BANDWIDTH

TEST RESULT B4

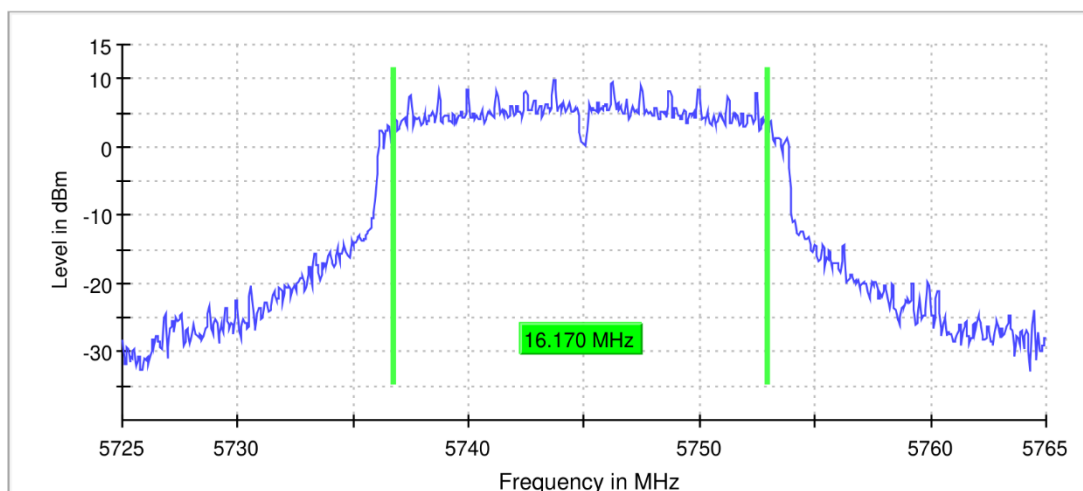
TestMode	Antenna	Frequency [MHz]	6db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11A	ANT6	5745	16.170	5736.765	5752.935	0.5	PASS
	ANT6	5785	16.170	5776.765	5792.935	0.5	PASS
	ANT6	5825	15.920	5817.015	5832.935	0.5	PASS
11N20	ANT6	5745	16.370	5736.765	5753.135	0.5	PASS
	ANT6	5785	16.370	5776.765	5793.135	0.5	PASS
	ANT6	5825	16.370	5816.514	5832.884	0.5	PASS
11N40	ANT6	5755	35.872	5737.064	5772.936	0.5	PASS
	ANT6	5795	36.123	5777.064	5813.187	0.5	PASS
11AC80	ANT6	5775	75.274	5737.363	5812.637	0.5	PASS

TEST GRAPHS B4

11A _ANT6_5745

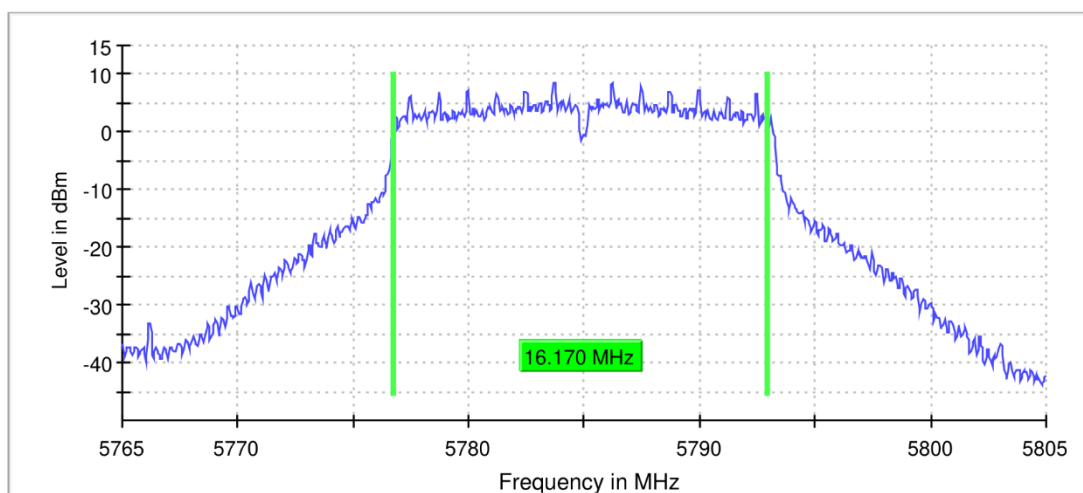


6 dB Bandwidth



11A _ANT6_5785

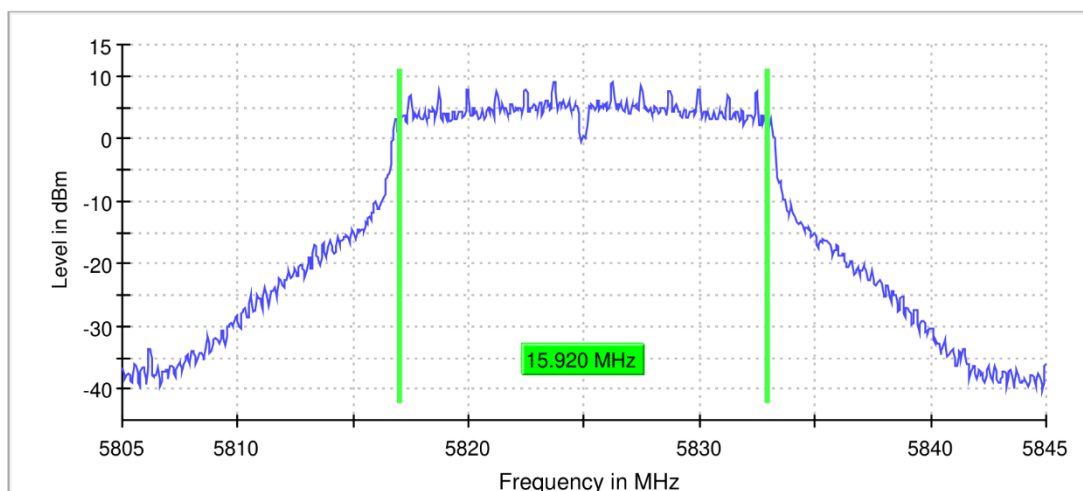
6 dB Bandwidth



11A _ANT6_5825

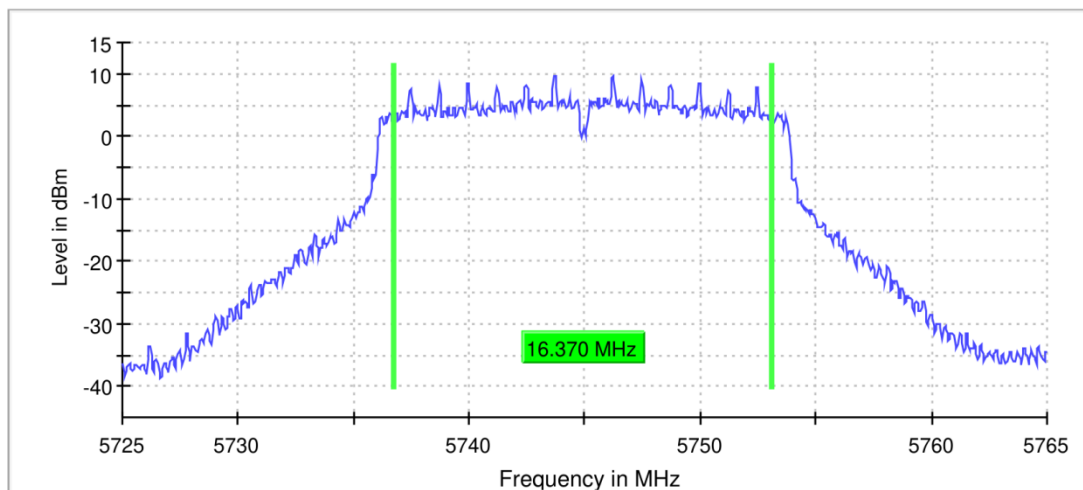


6 dB Bandwidth



11N20 _ANT6_5745

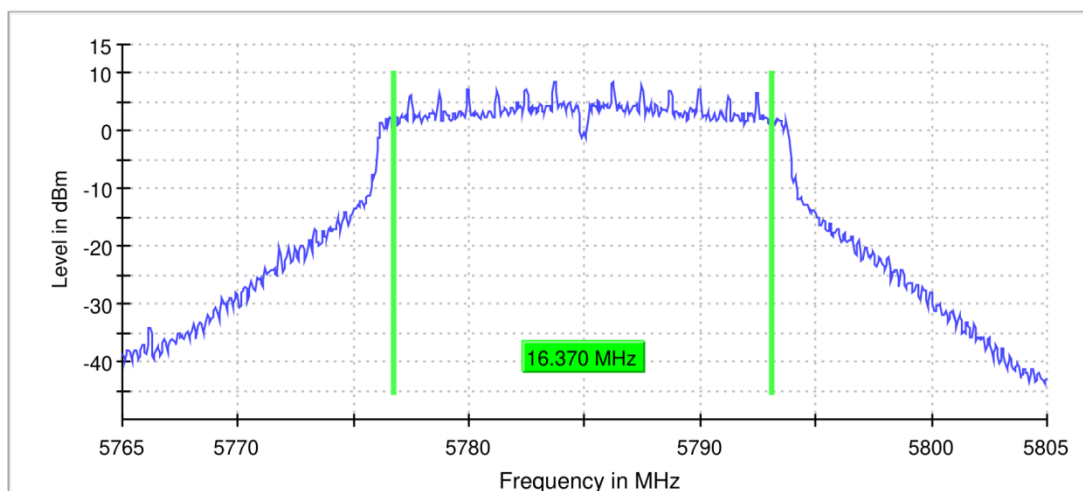
6 dB Bandwidth



11N20_ANT6_5785

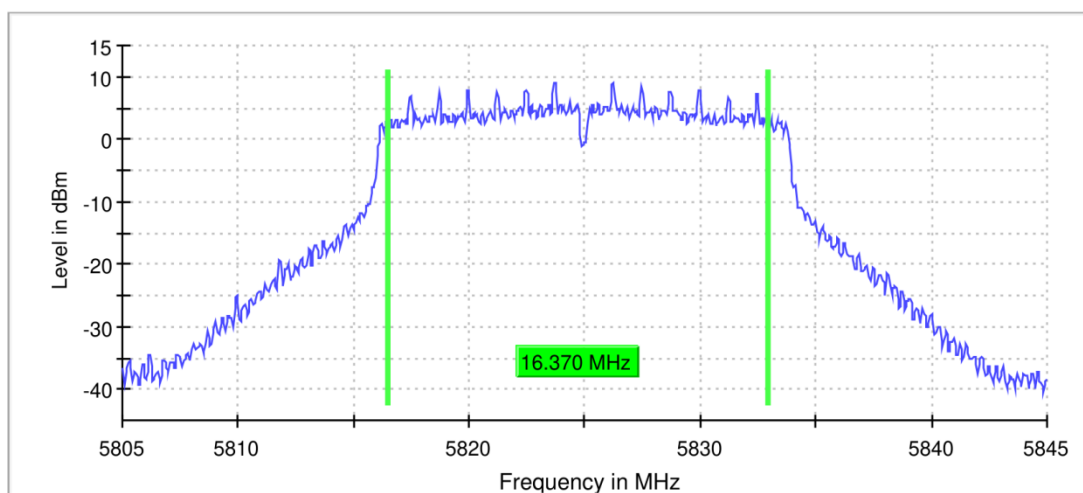


6 dB Bandwidth



11N20_ANT6_5825

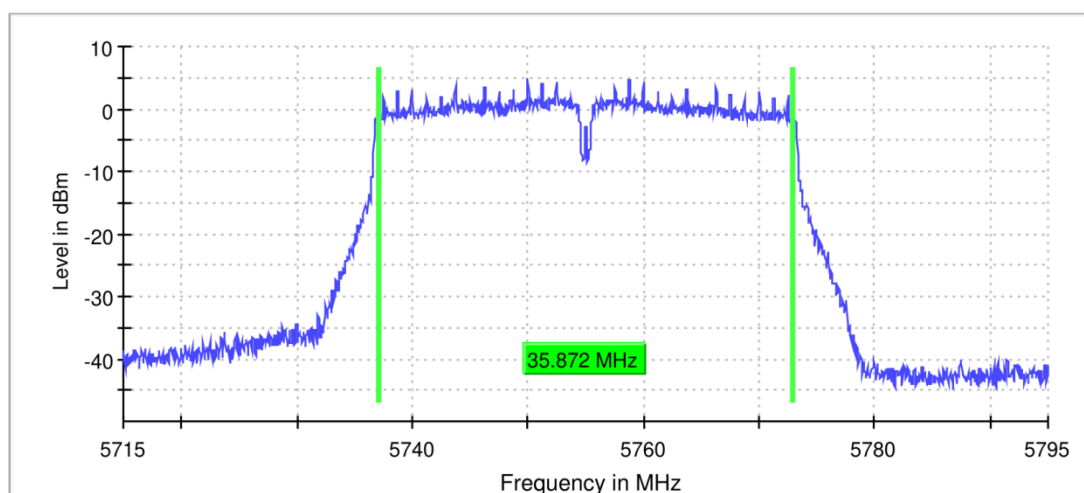
6 dB Bandwidth



11N40_ANT6_5755

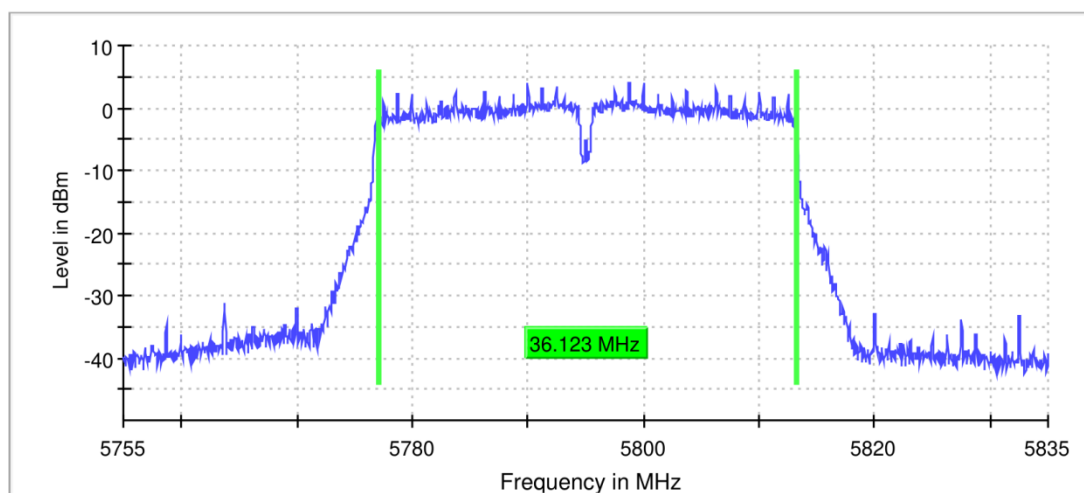


6 dB Bandwidth

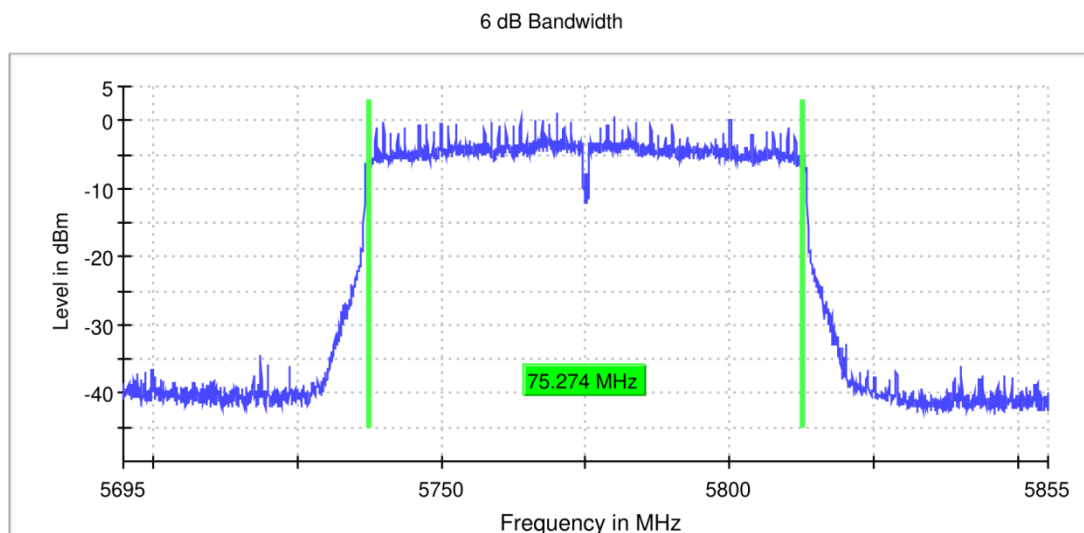


11N40_ANT6_5795

6 dB Bandwidth



11AC80_ANT6_5775



20M

RBW 100.000 kHz

VBW 300.000 kHz

40M

RBW 100.000 kHz

VBW 300.000 kHz

80M

RBW 100.000 kHz

VBW 300.000 kHz

DUTY CYCLE

TEST RESULT

TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	dutycycle factor
11A	ANT6	5180	2.0225	2.0665	97.87	0.09
	ANT6	5745	2.0315	2.0655	98.35	0.07

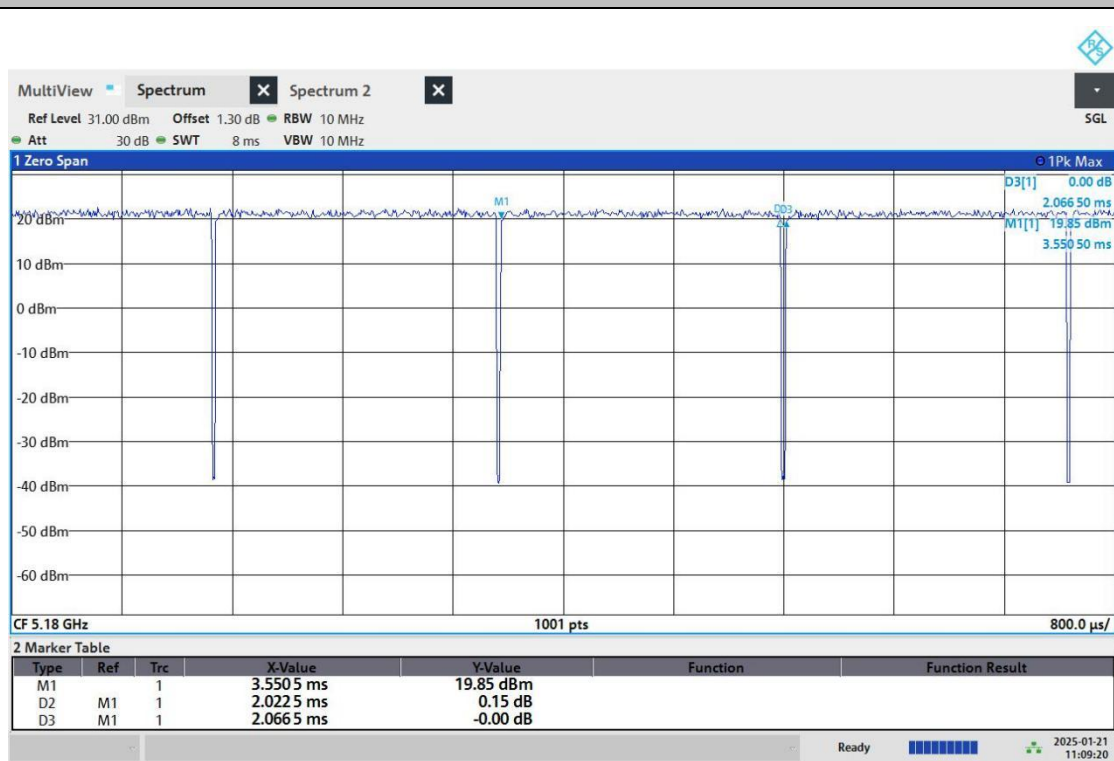


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11N20SISO	ANT6	5180	1.8865	1.9305	97.7 2	0.1
	ANT6	5745	1.8955	1.9295	98.2 4	0.08
11N40SISO	ANT6	5190	0.928	0.9665	96.0 2	0.18
	ANT6	5755	0.929	0.9675	96.0 2	0.18
11AC80SISO	ANT6	5210	0.456	0.492	92.6 8	0.33
	ANT6	5775	0.456	0.492	92.6 8	0.33

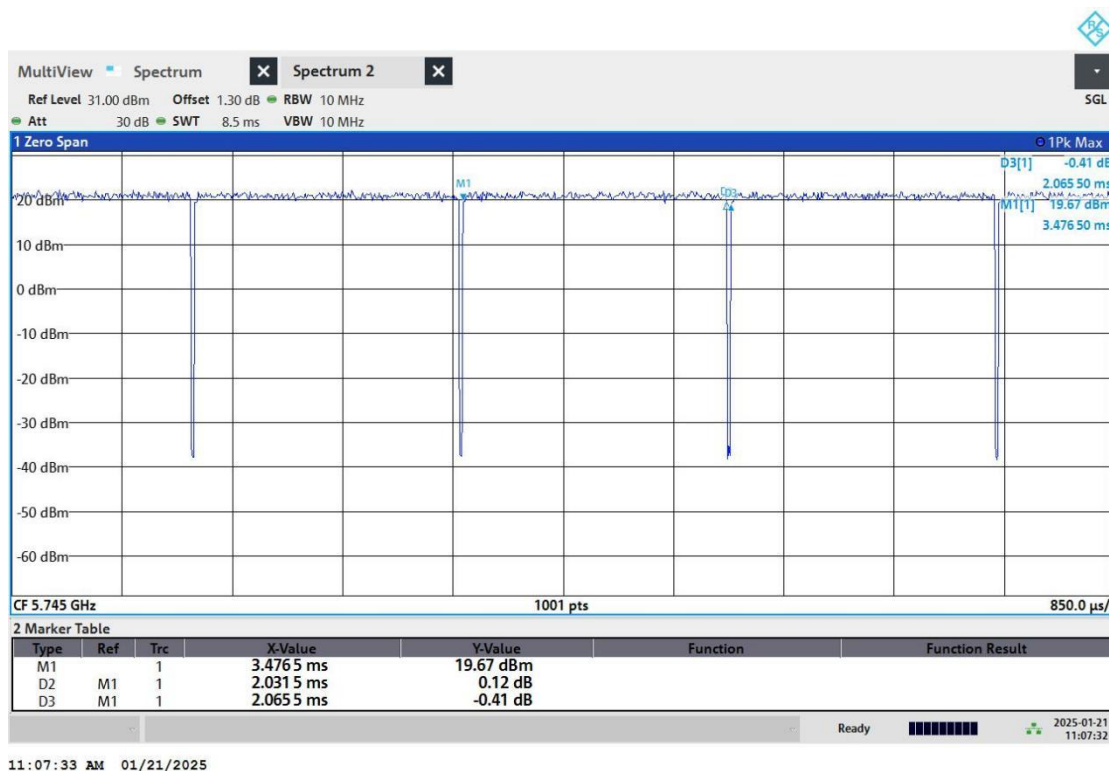
TEST GRAPHS

11A _ANT6_5180

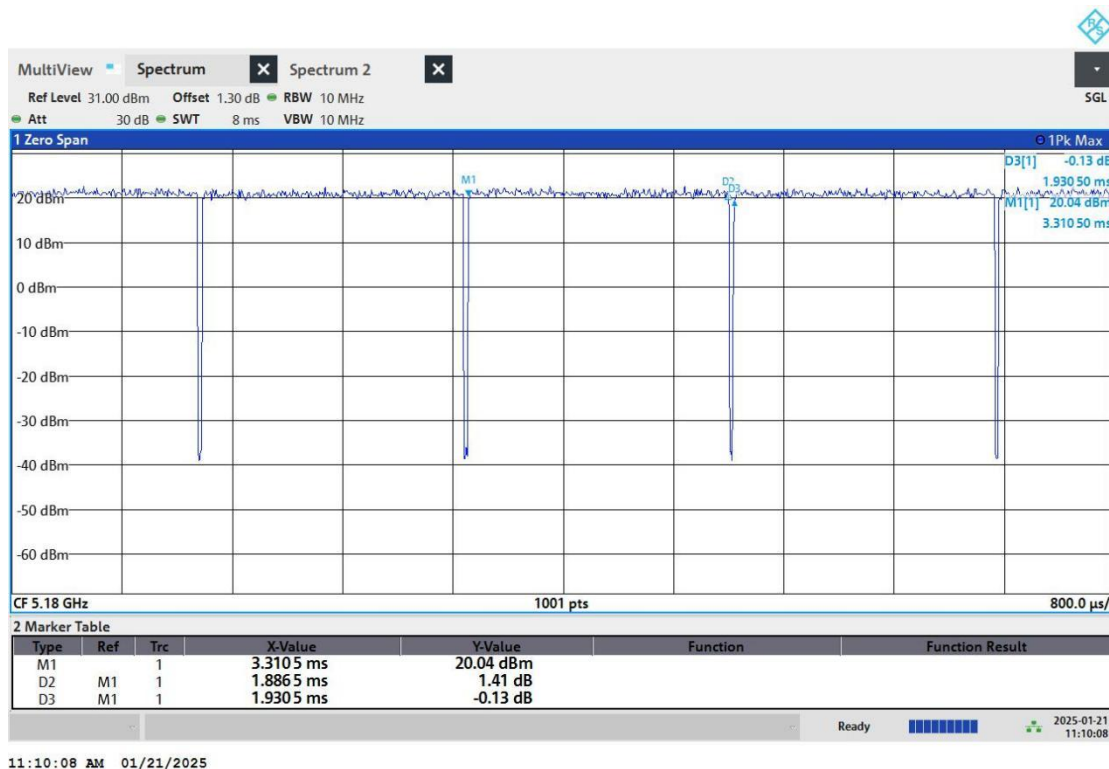


11:09:20 AM 01/21/2025

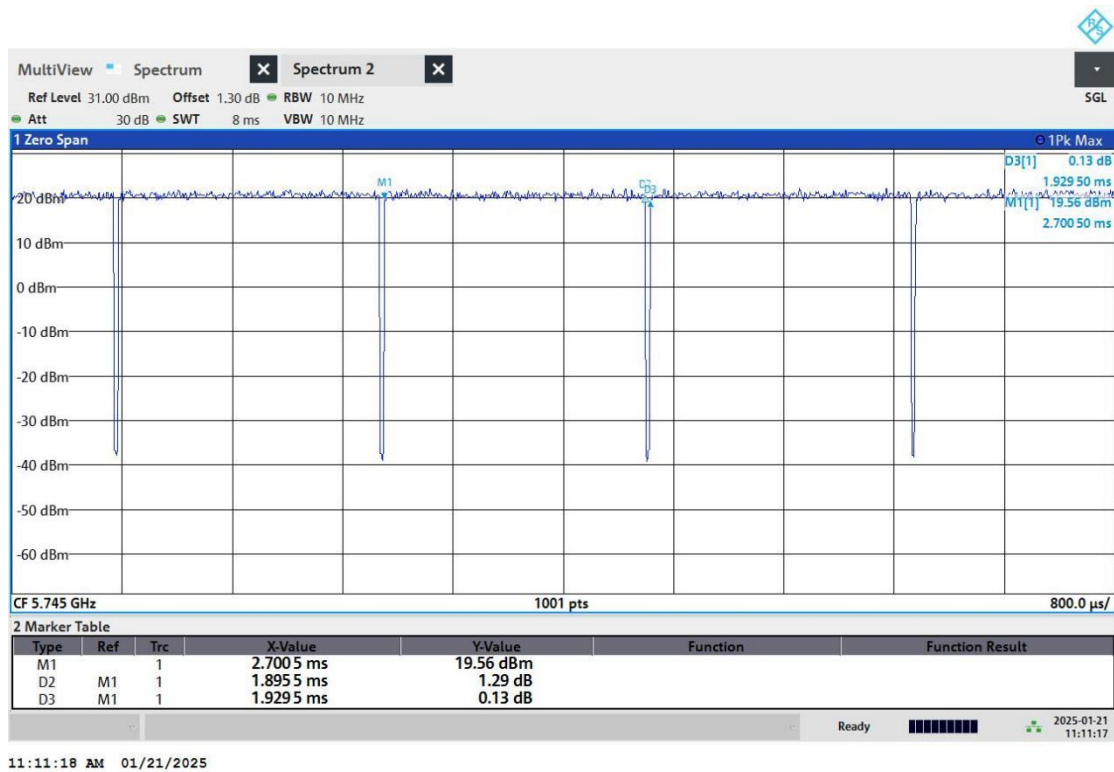
Band4-11A _ANT6_5745



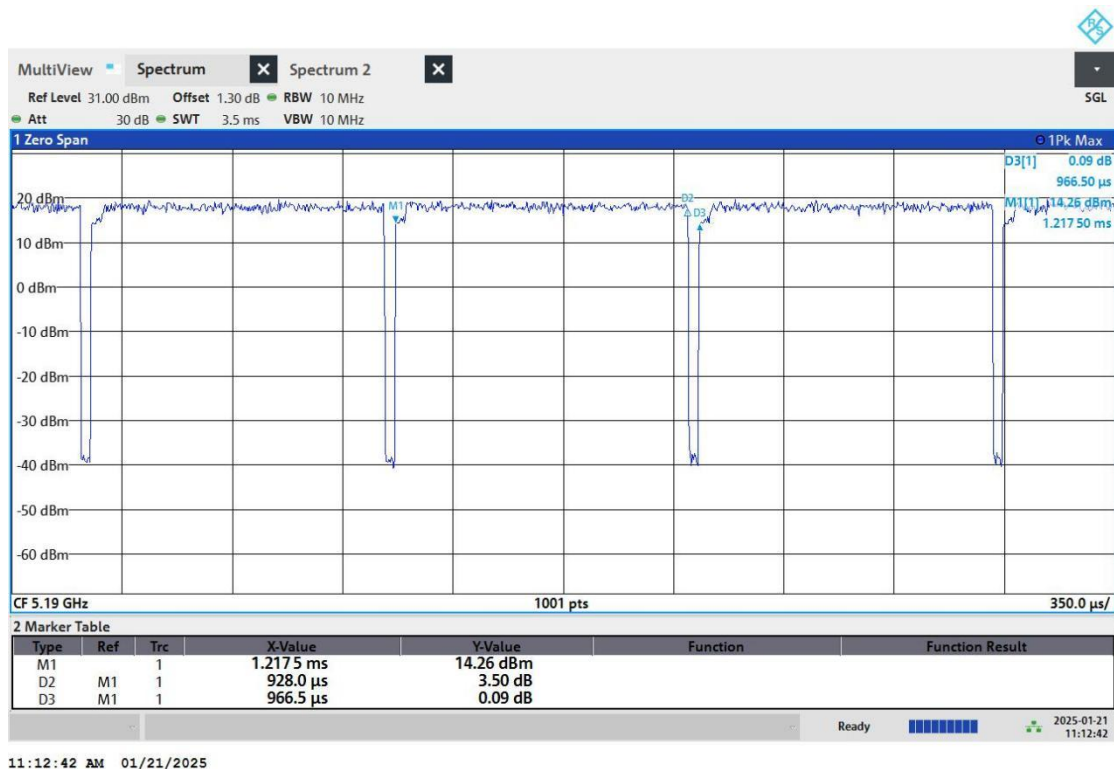
11N20SISO_ANT6 _5180



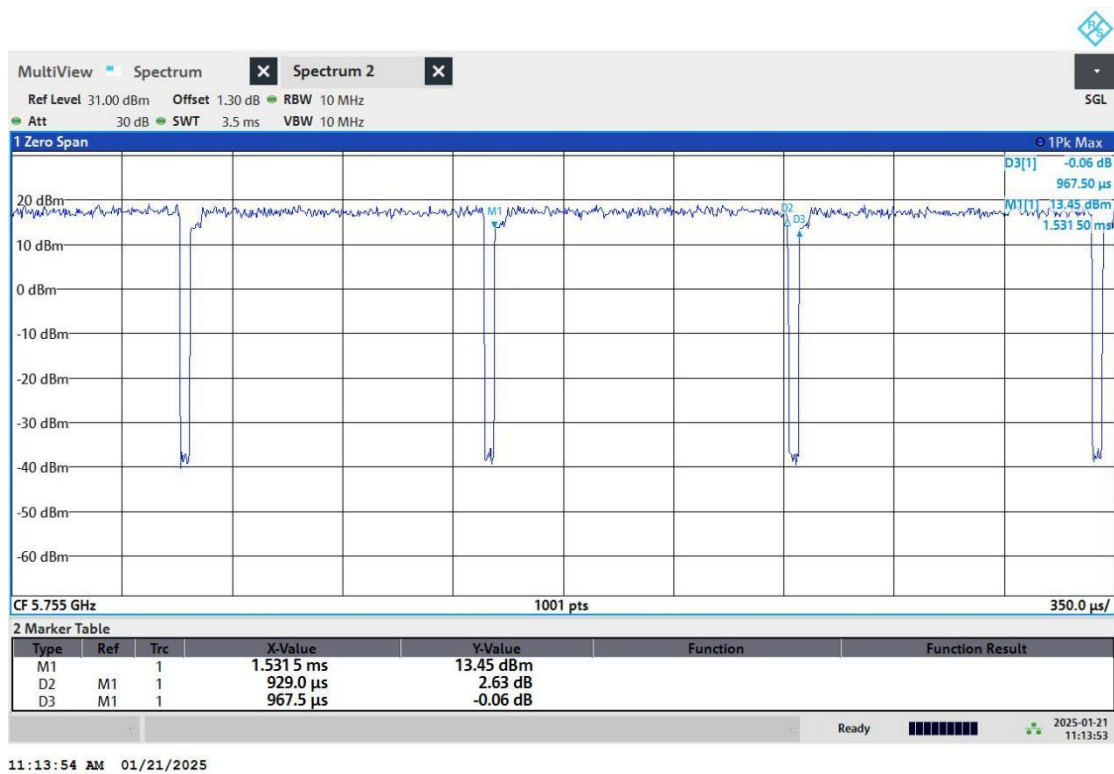
Band4-11N20SISO_ANT6 _5745



11N40SISO_ANT6 _5190



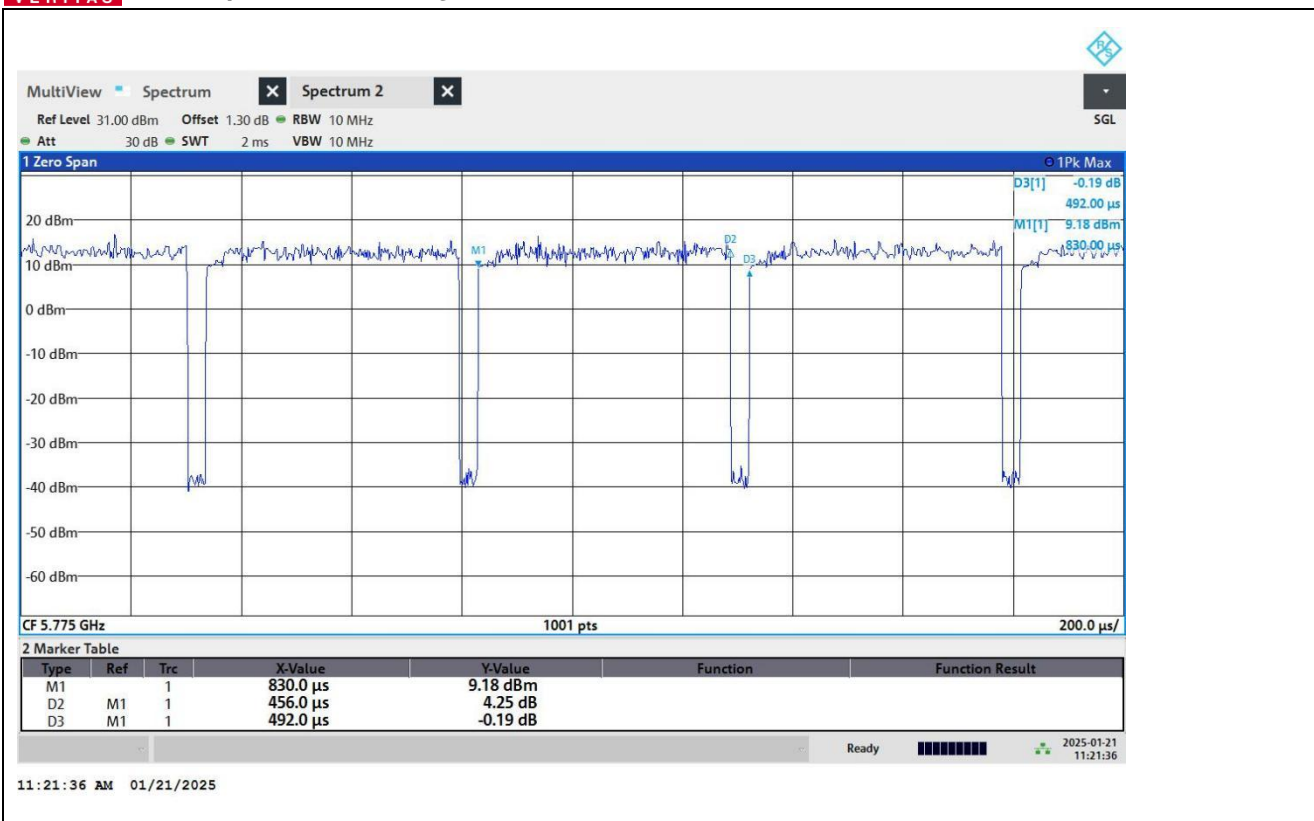
Band4-11N40SISO_ANT6 _5755



11AC80SISO_ANT6_5210



Band4-11AC80SISO_ANT6_5775





MAXIMUM CONDUCTED OUTPUT POWER

TEST RESULT

BV Power Table For_U-NII-1									
Test Mode	TX Mod.	Freq. (MHz)	Ant.	Maximum Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	EIRP (dBm)	FCC EIRP Limit	Verdict	Power Setting
11A	SISO	5180	ANT6	19.28	≤24.00	19.58	≤36.00	Pass	18
		5200	ANT6	19.24	≤24.00	19.54	≤36.00	Pass	18
		5240	ANT6	19.40	≤24.00	19.70	≤36.00	Pass	18
11N20	SISO	5180	ANT6	19.25	≤24.00	19.55	≤36.00	Pass	18
		5200	ANT6	19.14	≤24.00	19.44	≤36.00	Pass	18
		5240	ANT6	19.42	≤24.00	19.72	≤36.00	Pass	18
11N40	SISO	5190	ANT6	18.33	≤24.00	18.63	≤36.00	Pass	17
		5230	ANT6	18.65	≤24.00	18.95	≤36.00	Pass	17
11AC20	SISO	5180	ANT6	18.15	≤24.00	18.45	≤36.00	Pass	17
		5200	ANT6	18.26	≤24.00	18.56	≤36.00	Pass	17
		5240	ANT6	18.58	≤24.00	18.88	≤36.00	Pass	17
11AC40	SISO	5190	ANT6	18.02	≤24.00	18.32	≤36.00	Pass	16.5
		5230	ANT6	18.28	≤24.00	18.58	≤36.00	Pass	16.5
11AC80	SISO	5210	ANT6	17.20	≤24.00	17.50	≤36.00	Pass	15.5
Note:The Maximum Conducted Power with duty cycle factor.									

BV Power Table For_U-NII-2A									
Test Mode	TX Mod.	Freq. (MHz)	Ant.	Maximum Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	EIRP (dBm)	FCC EIRP Limit	Verdict	Power Setting
11A	SISO	5260	ANT6	18.78	≤24.00	18.18	≤30.00	Pass	17.5
		5300	ANT6	19.07	≤24.00	18.47	≤30.00	Pass	17.5
		5320	ANT6	18.77	≤24.00	18.17	≤30.00	Pass	17.5
11N20	SISO	5260	ANT6	18.83	≤24.00	18.23	≤30.00	Pass	17.5
		5300	ANT6	19.08	≤24.00	18.48	≤30.00	Pass	17.5
		5320	ANT6	18.73	≤24.00	18.13	≤30.00	Pass	17.5



11N40	SISO	5270	ANT6	17.89	≤24.00	17.29	≤30.00	Pass	16.5
		5310	ANT6	17.72	≤24.00	17.12	≤30.00	Pass	16.5
11AC20	SISO	5260	ANT6	18.14	≤24.00	17.54	≤30.00	Pass	17
		5300	ANT6	18.40	≤24.00	17.80	≤30.00	Pass	17
		5320	ANT6	18.14	≤24.00	17.54	≤30.00	Pass	17
11AC40	SISO	5270	ANT6	17.85	≤24.00	17.25	≤30.00	Pass	16.5
		5310	ANT6	17.70	≤24.00	17.10	≤30.00	Pass	16.5
11AC80	SISO	5290	ANT6	16.44	≤24.00	15.84	≤30.00	Pass	15

Note: The Maximum Conducted Power with duty cycle factor.

BV Power Table For_U-NII-2C									
Test Mode	TX Mod.	Freq. (MHz)	Ant.	Maximum Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	EIRP (dBm)	FCC EIRP Limit	Verdict	Power Setting
11A	SISO	5500	ANT6	18.32	≤24.00	18.12	≤30.00	Pass	17
		5580	ANT6	18.00	≤24.00	17.80	≤30.00	Pass	17
		5700	ANT6	18.33	≤24.00	18.13	≤30.00	Pass	17
		5720	ANT6	18.41	≤24.00	18.21	≤30.00	Pass	17
11N20	SISO	5500	ANT6	18.33	≤24.00	18.13	≤30.00	Pass	17
		5580	ANT6	17.95	≤24.00	17.75	≤30.00	Pass	17
		5700	ANT6	18.32	≤24.00	18.12	≤30.00	Pass	17
		5720	ANT6	18.42	≤24.00	18.22	≤30.00	Pass	17
11N40	SISO	5510	ANT6	17.30	≤24.00	17.10	≤30.00	Pass	16
		5550	ANT6	17.06	≤24.00	16.86	≤30.00	Pass	16
		5670	ANT6	17.70	≤24.00	17.50	≤30.00	Pass	16
		5710	ANT6	17.51	≤24.00	17.31	≤30.00	Pass	16
11AC20	SISO	5500	ANT6	17.26	≤24.00	17.06	≤30.00	Pass	16
		5580	ANT6	16.99	≤24.00	16.79	≤30.00	Pass	16
		5700	ANT6	17.25	≤24.00	17.05	≤30.00	Pass	16
		5720	ANT6	17.37	≤24.00	17.17	≤30.00	Pass	16
11AC40	SISO	5510	ANT6	17.26	≤24.00	17.06	≤30.00	Pass	16
		5550	ANT6	17.01	≤24.00	16.81	≤30.00	Pass	16
		5670	ANT6	17.66	≤24.00	17.46	≤30.00	Pass	16
		5710	ANT6	17.46	≤24.00	17.26	≤30.00	Pass	16
11AC80	SISO	5530	ANT6	16.30	≤24.00	16.10	≤30.00	Pass	15



		5610	ANT6	16.16	≤24.00	15.96	≤30.00	Pass	15
		5690	ANT6	16.69	≤24.00	15.49	≤30.00	Pass	15

Note: The Maximum Conducted Power with duty cycle factor.

BV Power Table For_U-NII-3

Test Mode	TX Mod.	Freq. (MHz)	Ant.	Maximum Conducted Power (dBm)	Conducted Power Limit (dBm)	EIRP (dBm)	Verdict	Power Setting
11A	SISO	5745	ANT6	19.19	≤30.00	18.79	Pass	18
		5785	ANT6	18.21	≤30.00	17.81	Pass	18
		5825	ANT6	18.75	≤30.00	18.35	Pass	18
11N20	SISO	5745	ANT6	19.13	≤30.00	18.73	Pass	18
		5785	ANT6	17.96	≤30.00	17.56	Pass	18
		5825	ANT6	18.62	≤30.00	18.22	Pass	18
11N40	SISO	5755	ANT6	17.74	≤30.00	17.34	Pass	16.5
		5795	ANT6	17.23	≤30.00	16.83	Pass	16.5
11AC20	SISO	5745	ANT6	18.42	≤30.00	18.02	Pass	17
		5785	ANT6	17.05	≤30.00	16.65	Pass	17
		5825	ANT6	17.91	≤30.00	17.51	Pass	17
11AC40	SISO	5755	ANT6	17.63	≤30.00	17.23	Pass	16.5
		5795	ANT6	17.21	≤30.00	16.81	Pass	16.5
11AC80	SISO	5775	ANT6	16.35	≤30.00	15.95	Pass	15.5

Note: The Maximum Conducted Power with duty cycle factor.



MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

TestMode	Antenna	Frequency [MHz]	Result [dBm/MHz]	PSD Limit [dBm/MHz]	Verdict
11A	ANT6	5180	8.679	≤ 11.00	Pass
	ANT6	5200	8.527	≤ 11.00	Pass
	ANT6	5240	8.657	≤ 11.00	Pass
	ANT6	5260	7.951	≤ 11.00	Pass
	ANT6	5300	8.140	≤ 11.00	Pass
	ANT6	5320	7.729	≤ 11.00	Pass
	ANT6	5500	7.537	≤ 11.00	Pass
	ANT6	5580	7.204	≤ 11.00	Pass
	ANT6	5700	7.517	≤ 11.00	Pass
	ANT6	5720	7.590	≤ 11.00	Pass
	ANT6	5745	5.566	≤ 30.00	Pass
	ANT6	5785	4.247	≤ 30.00	Pass
	ANT6	5825	4.974	≤ 30.00	Pass
11N20	ANT6	5180	7.987	≤ 11.00	Pass
	ANT6	5200	8.035	≤ 11.00	Pass
	ANT6	5240	8.094	≤ 11.00	Pass
	ANT6	5260	7.411	≤ 11.00	Pass
	ANT6	5300	7.681	≤ 11.00	Pass
	ANT6	5320	7.293	≤ 11.00	Pass
	ANT6	5500	7.152	≤ 11.00	Pass
	ANT6	5580	6.639	≤ 11.00	Pass
	ANT6	5700	7.016	≤ 11.00	Pass
	ANT6	5720	7.158	≤ 11.00	Pass
	ANT6	5745	5.000	≤ 30.00	Pass
	ANT6	5785	3.815	≤ 30.00	Pass
	ANT6	5825	4.566	≤ 30.00	Pass
11N40	ANT6	5190	4.215	≤ 11.00	Pass
	ANT6	5230	4.564	≤ 11.00	Pass

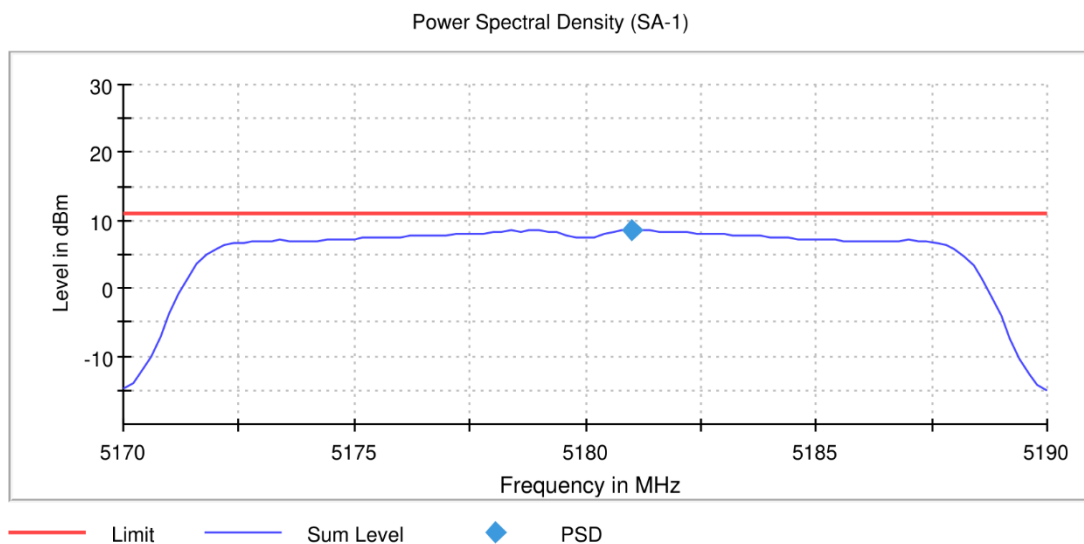


	ANT6	5270	3.712	≤ 11.00	Pass
	ANT6	5310	3.591	≤ 11.00	Pass
	ANT6	5510	3.345	≤ 11.00	Pass
	ANT6	5550	2.911	≤ 11.00	Pass
	ANT6	5670	3.399	≤ 11.00	Pass
	ANT6	5710	3.319	≤ 11.00	Pass
	ANT6	5755	0.597	≤ 30.00	Pass
	ANT6	5795	0.096	≤ 30.00	Pass
11AC80	ANT6	5210	-0.152	≤ 11.00	Pass
	ANT6	5290	-0.981	≤ 11.00	Pass
	ANT6	5530	-0.752	≤ 11.00	Pass
	ANT6	5610	-0.871	≤ 11.00	Pass
	ANT6	5690	-0.604	≤ 11.00	Pass
	ANT6	5775	-4.069	≤ 30.00	Pass

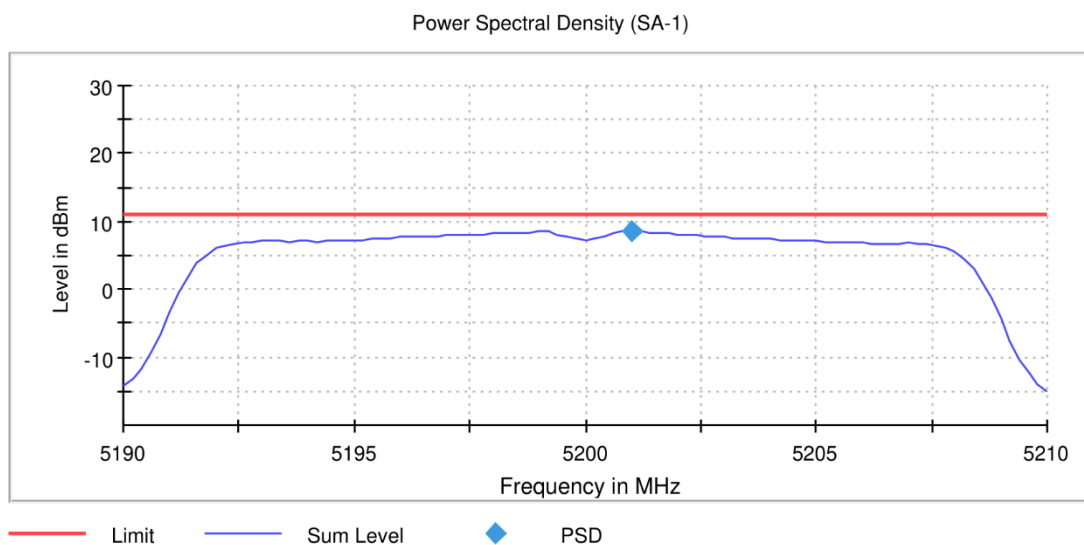


TEST GRAPHS

11A_ANT6_5180



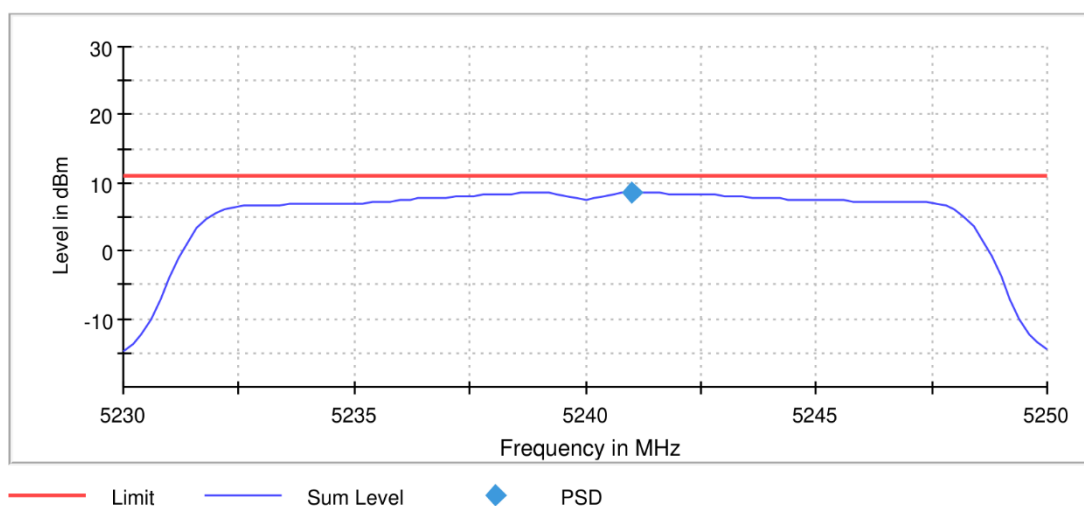
11A _ANT6_5200



11A _ANT6_5240

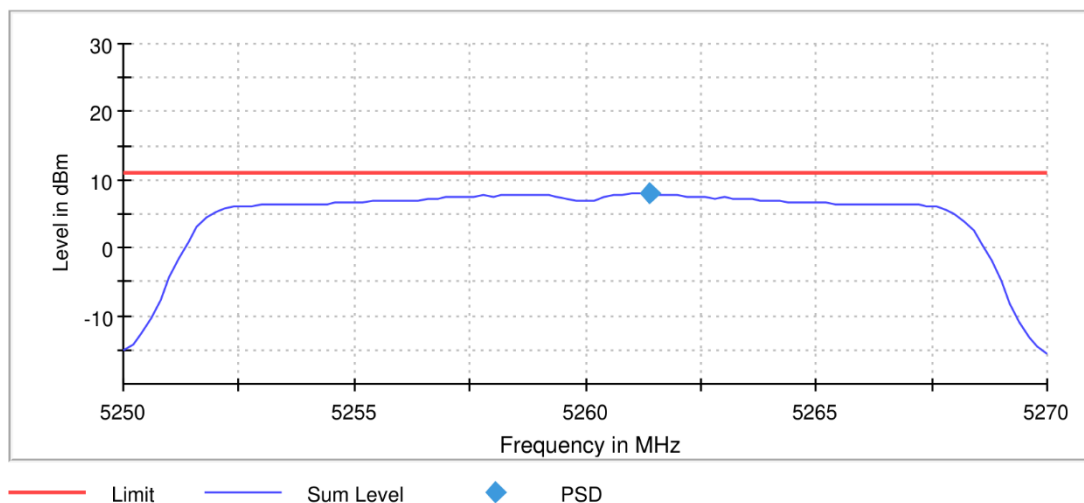


Power Spectral Density (SA-1)



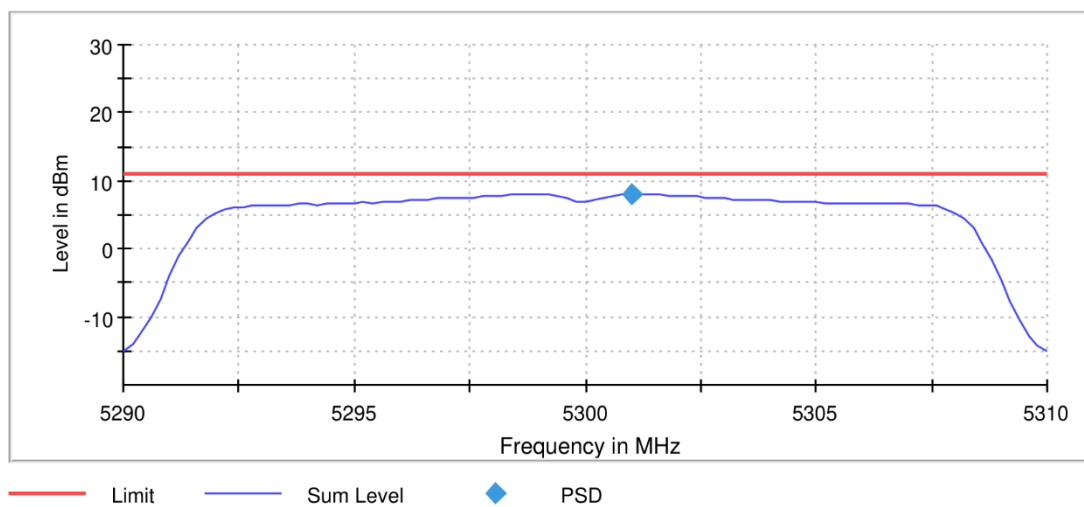
11A _ANT6_5260

Power Spectral Density (SA-1)



11A _ANT6_5300

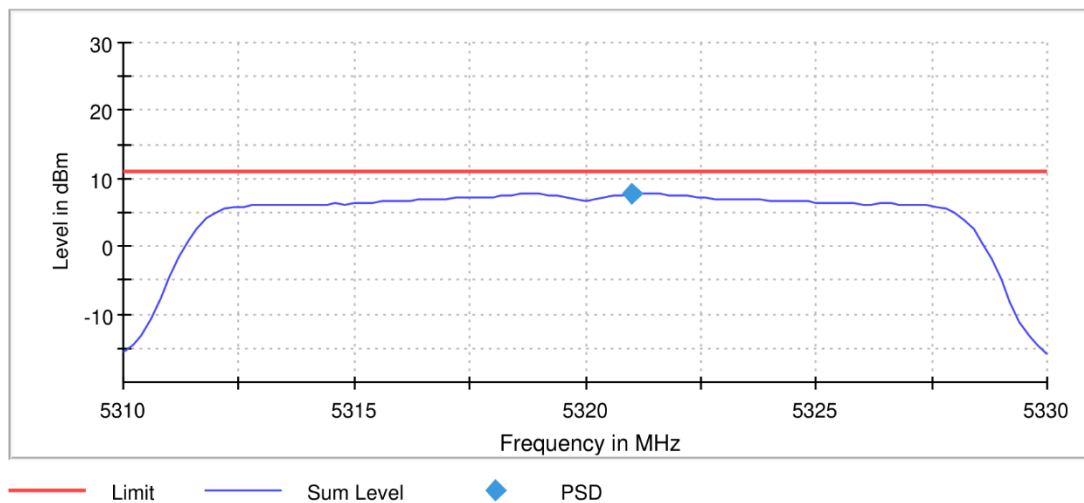
Power Spectral Density (SA-1)





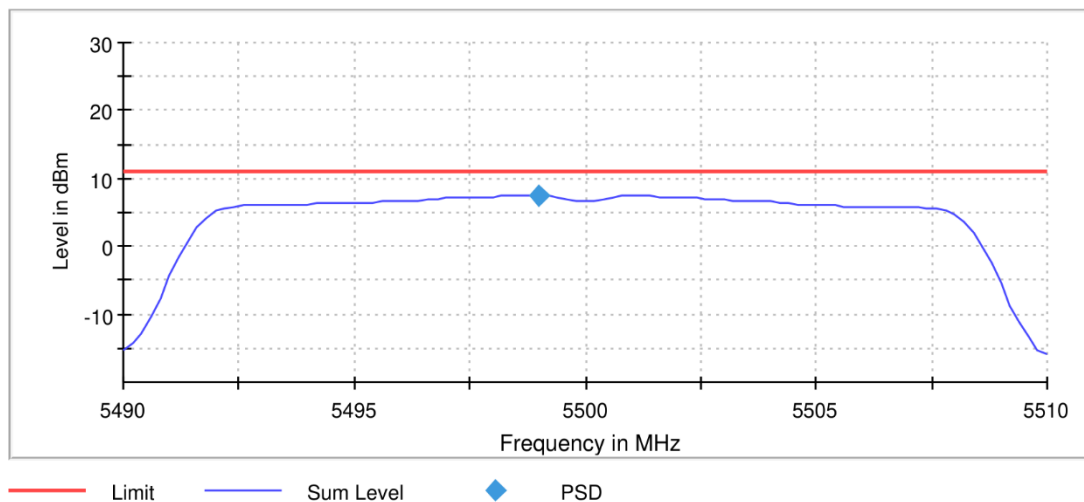
11A _ANT6_5320

Power Spectral Density (SA-1)



11A _ANT6_5500

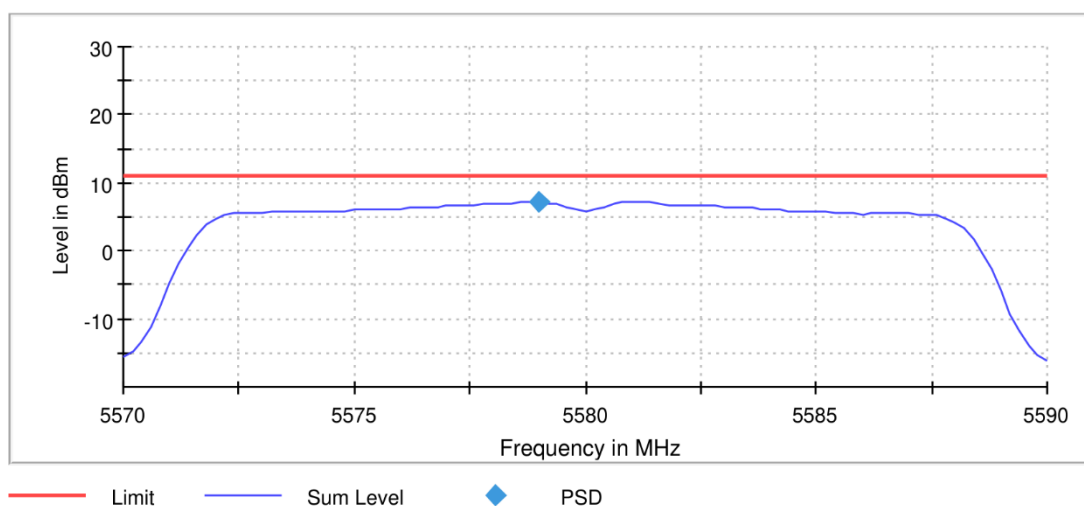
Power Spectral Density (SA-1)



11A _ANT6_5580

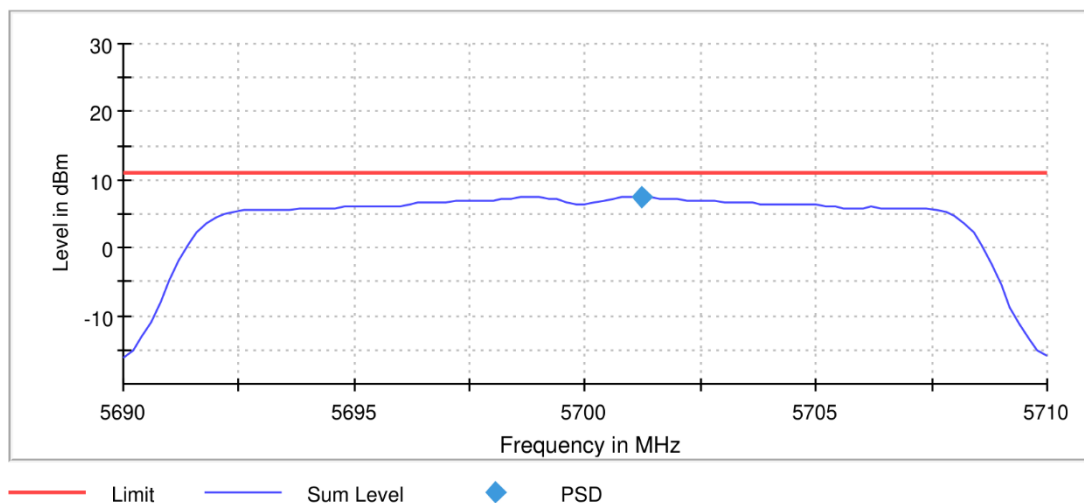


Power Spectral Density (SA-1)



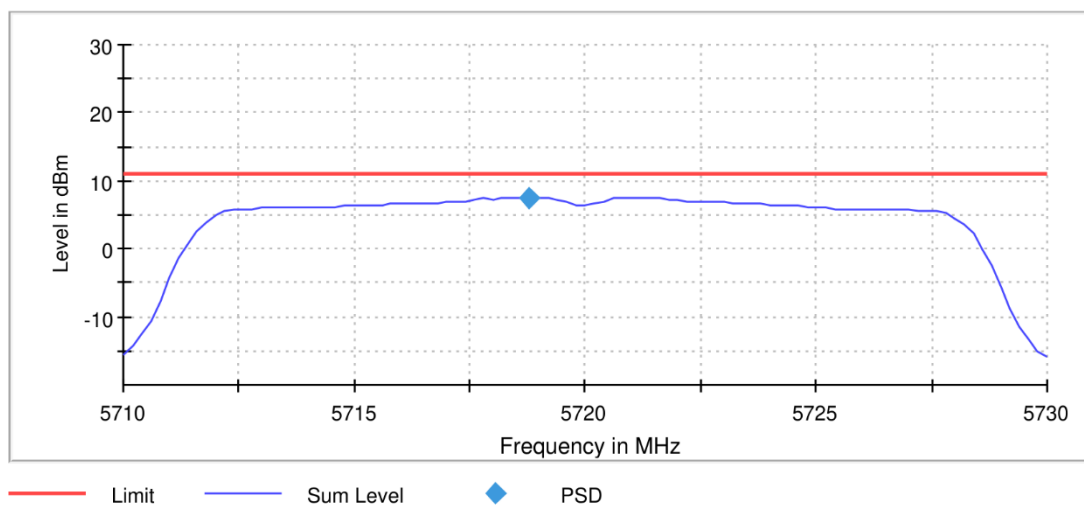
11A _ANT6_5700

Power Spectral Density (SA-1)



11A _ANT6_5720

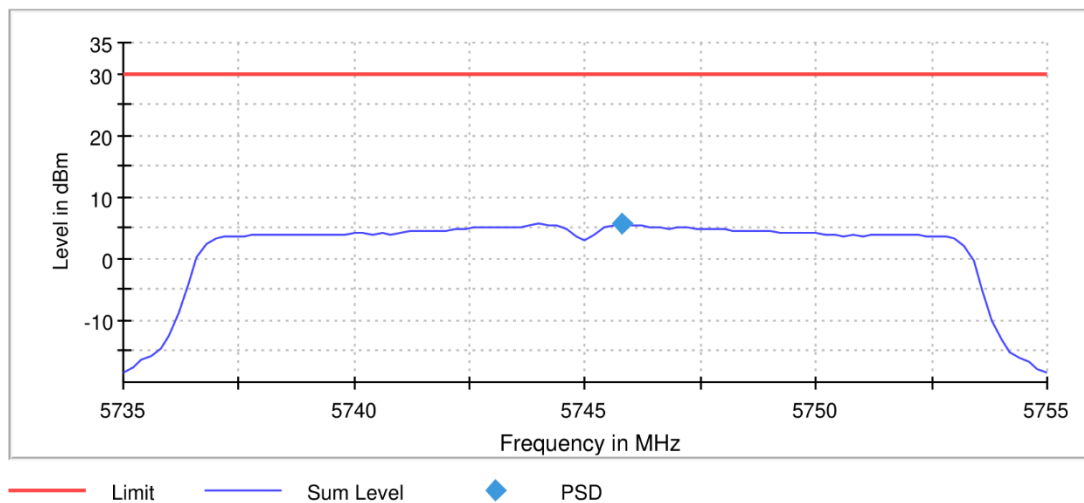
Power Spectral Density (SA-1)





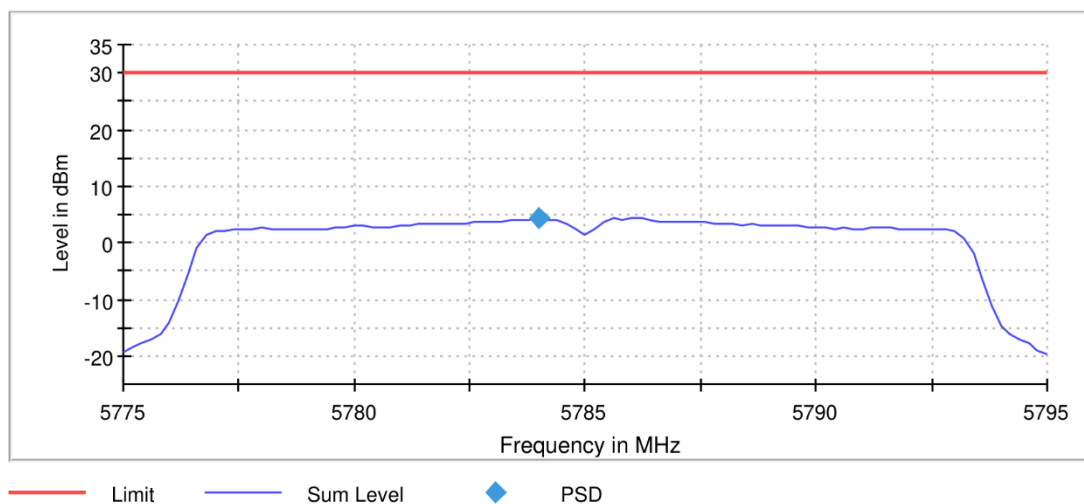
11A_ANT6_5745

Power Spectral Density (SA-1)



11A_ANT6_5785

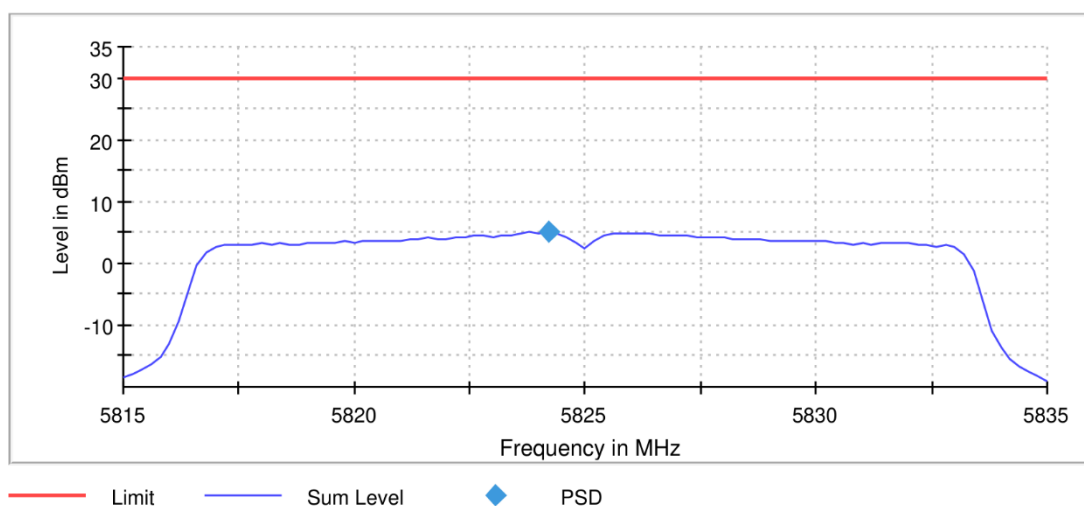
Power Spectral Density (SA-1)



11A_ANT6_5825

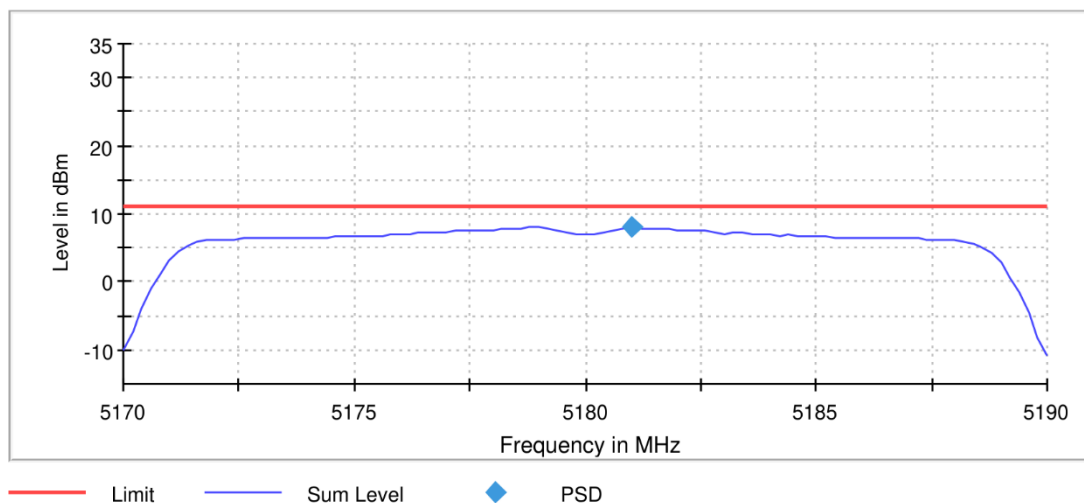


Power Spectral Density (SA-1)



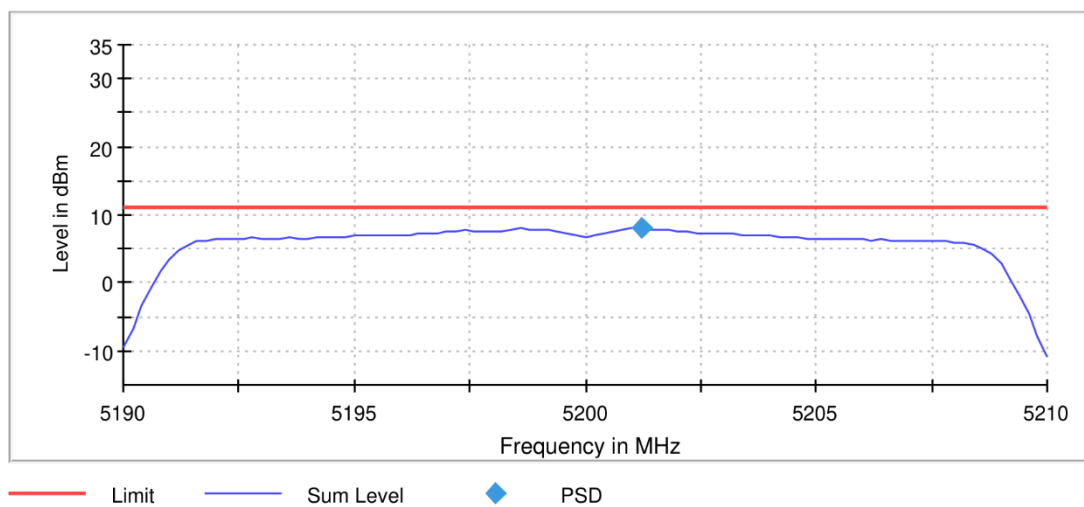
11N20_ANT6_5180

Power Spectral Density (SA-1)



11N20 _ANT6_5200

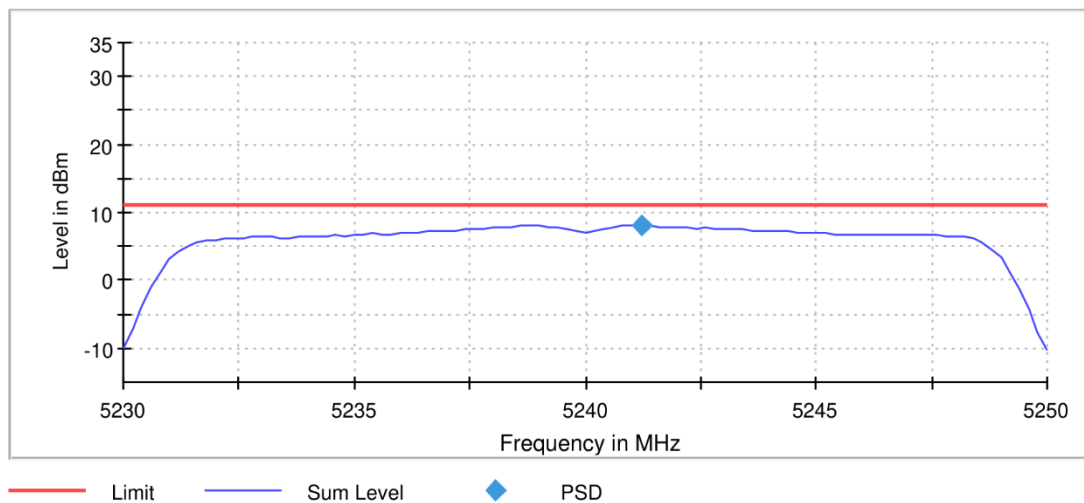
Power Spectral Density (SA-1)





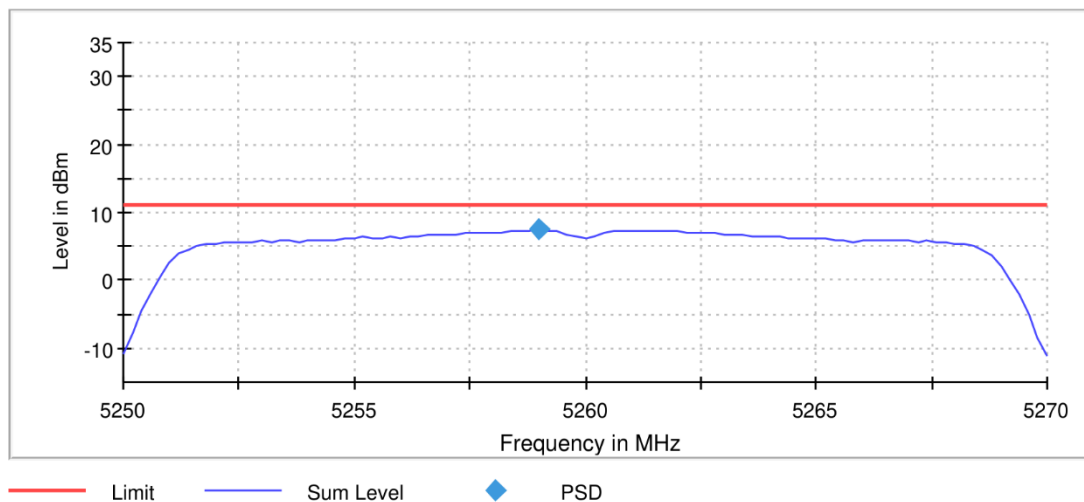
11N20 _ANT6_5240

Power Spectral Density (SA-1)



11N20 _ANT6_5260

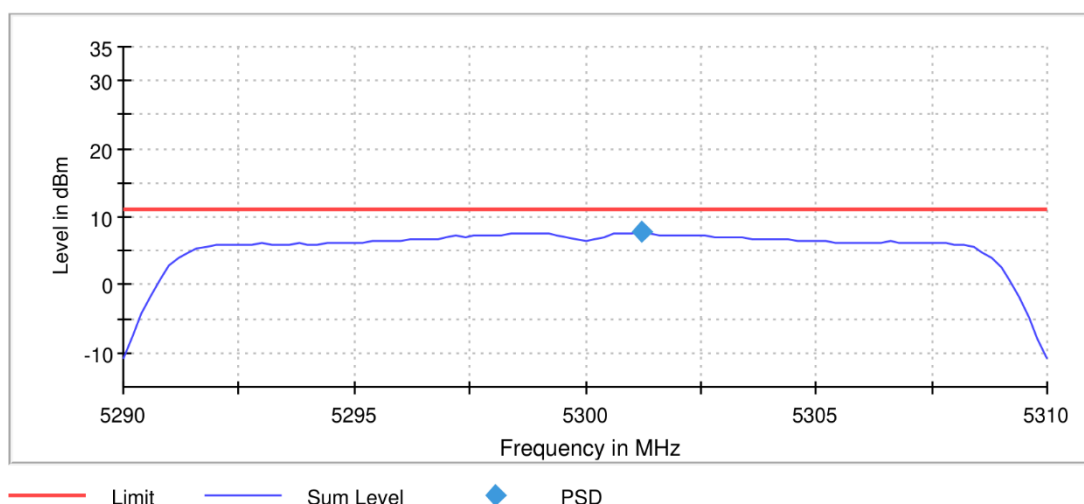
Power Spectral Density (SA-1)



11N20 _ANT6_5300

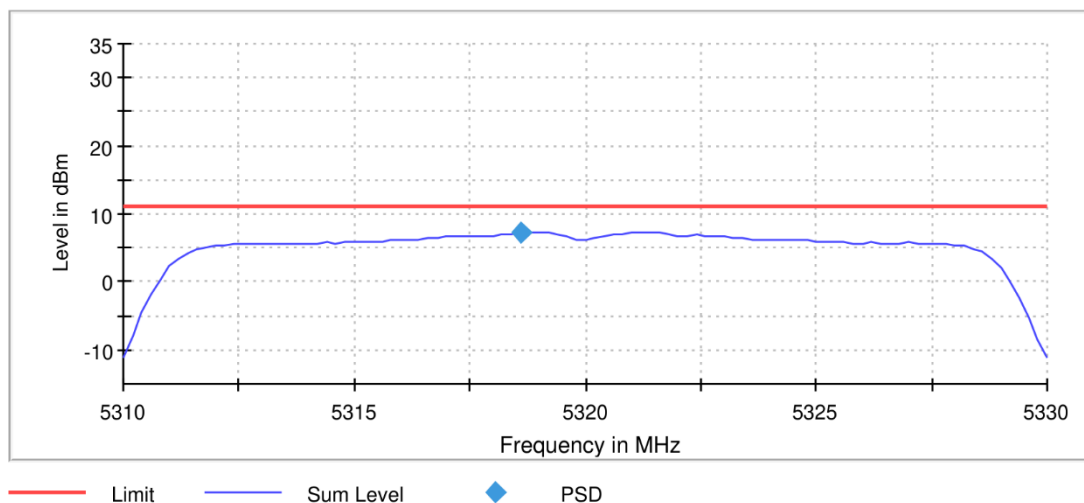


Power Spectral Density (SA-1)



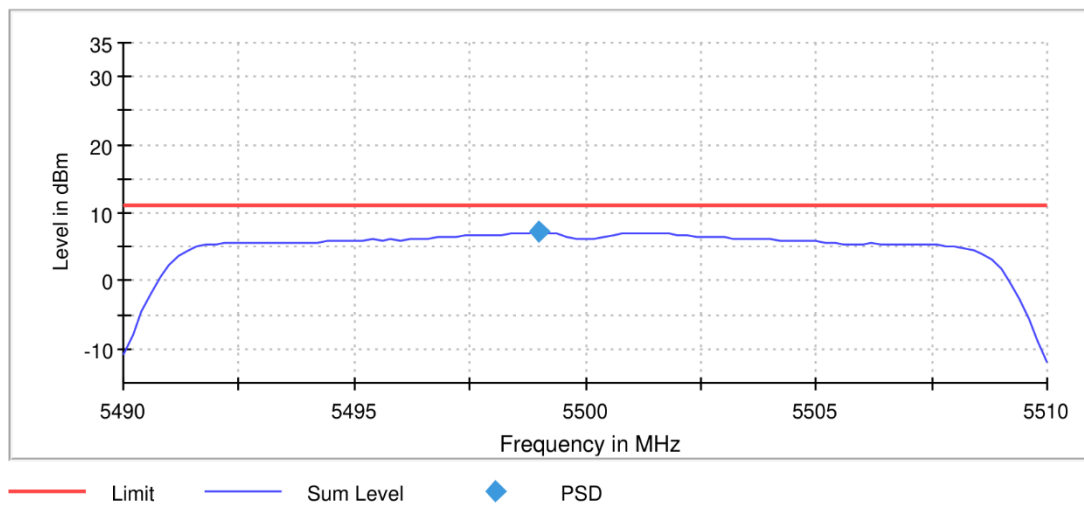
11N20 _ANT6_5320

Power Spectral Density (SA-1)



11N20 _ANT6_5500

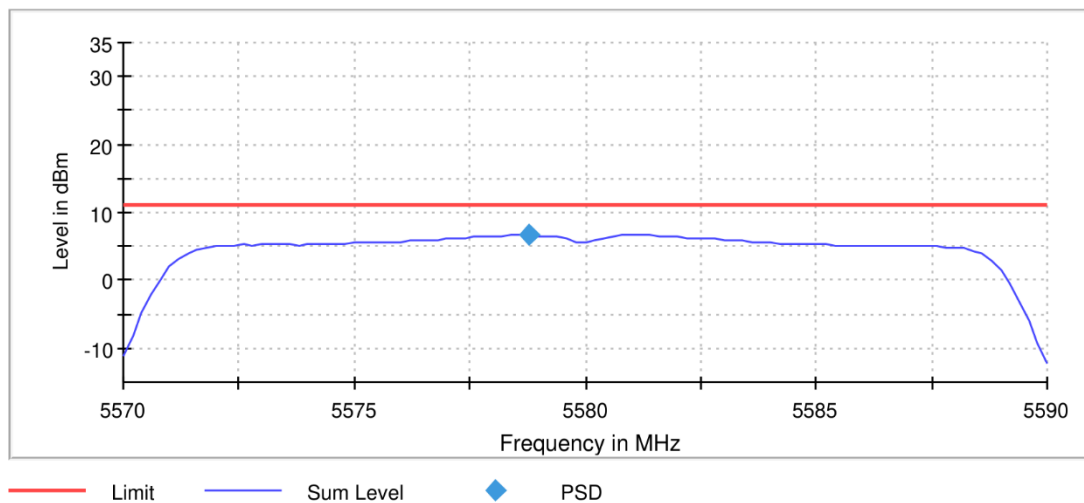
Power Spectral Density (SA-1)





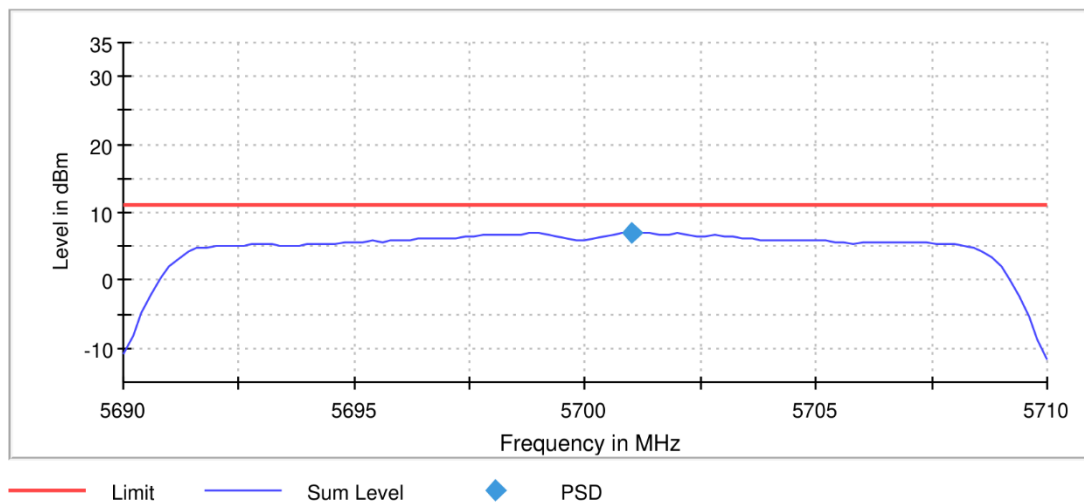
11N20_ANT6_5580

Power Spectral Density (SA-1)



11N20_ANT6_5700

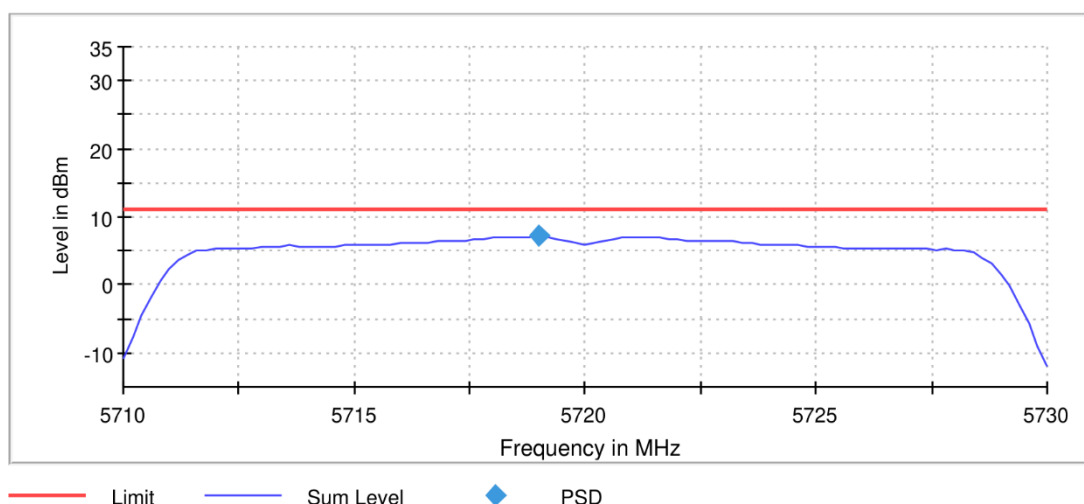
Power Spectral Density (SA-1)



11N20 _ANT6_5720

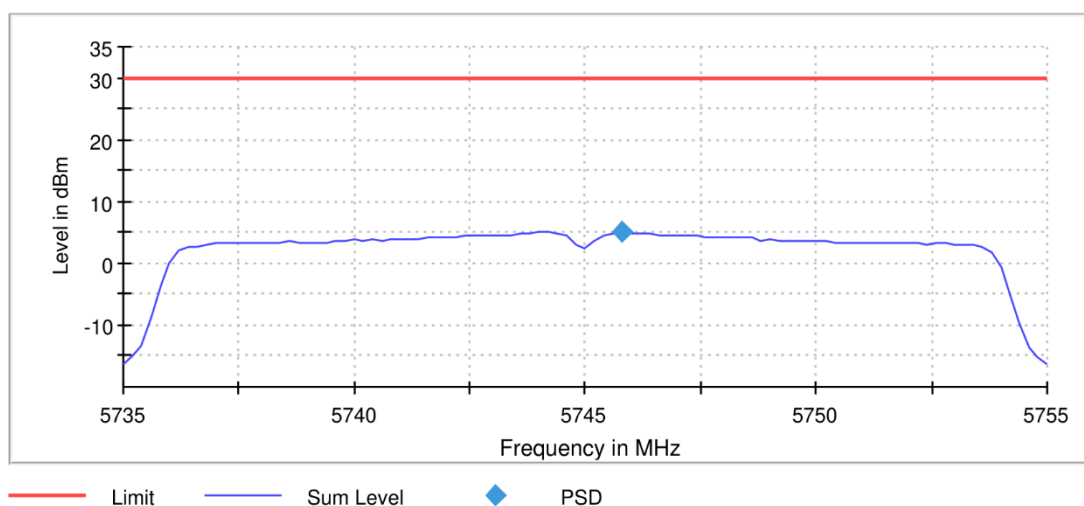


Power Spectral Density (SA-1)



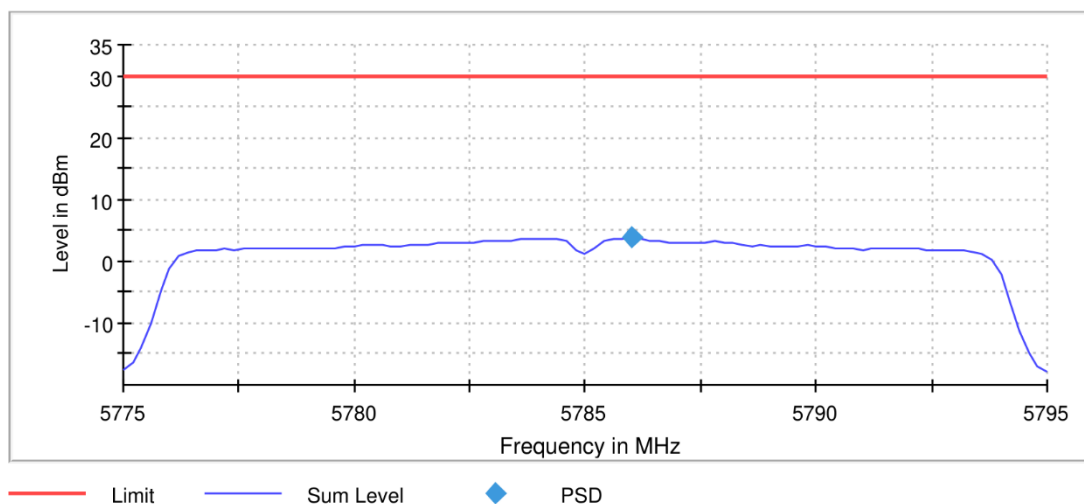
11N20 _ANT6_5745

Power Spectral Density (SA-1)



11N20 _ANT6_5785

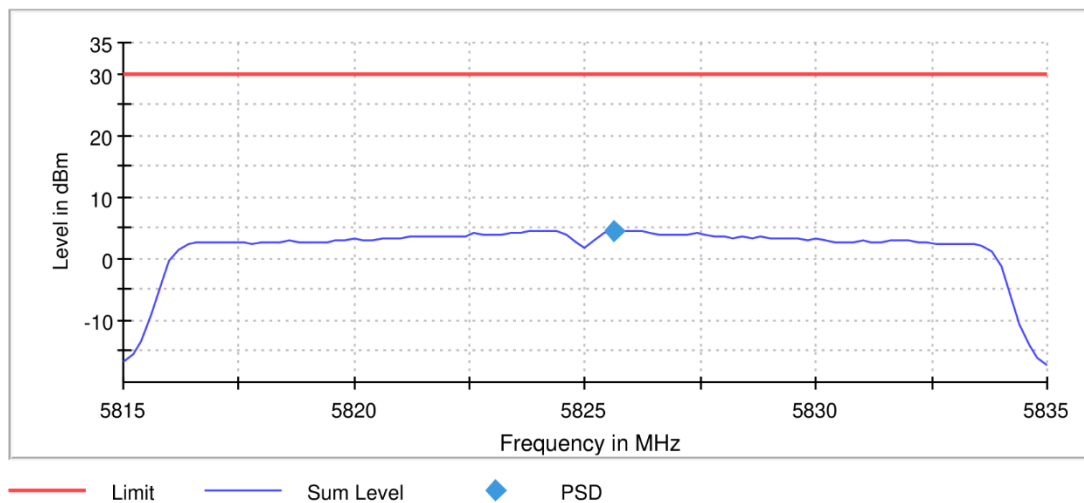
Power Spectral Density (SA-1)





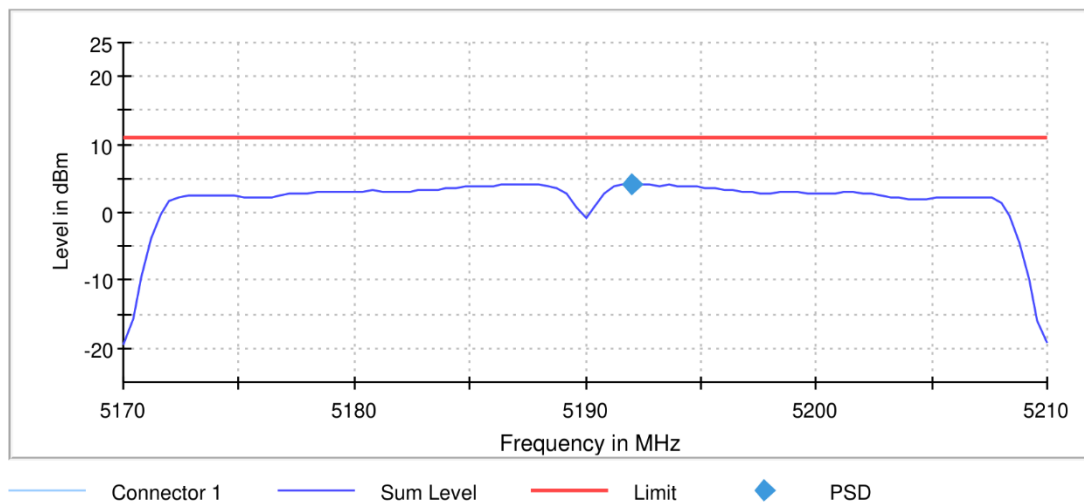
11N20 _ANT6_5825

Power Spectral Density (SA-1)



11N40 _ANT6_5190

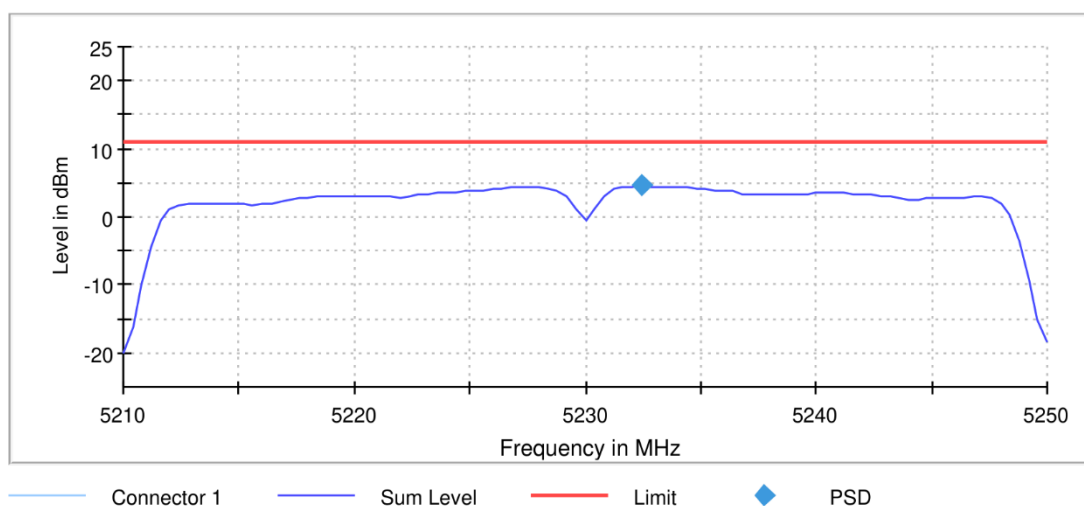
Power Spectral Density (SA-1)



11N40 _ANT6_5230

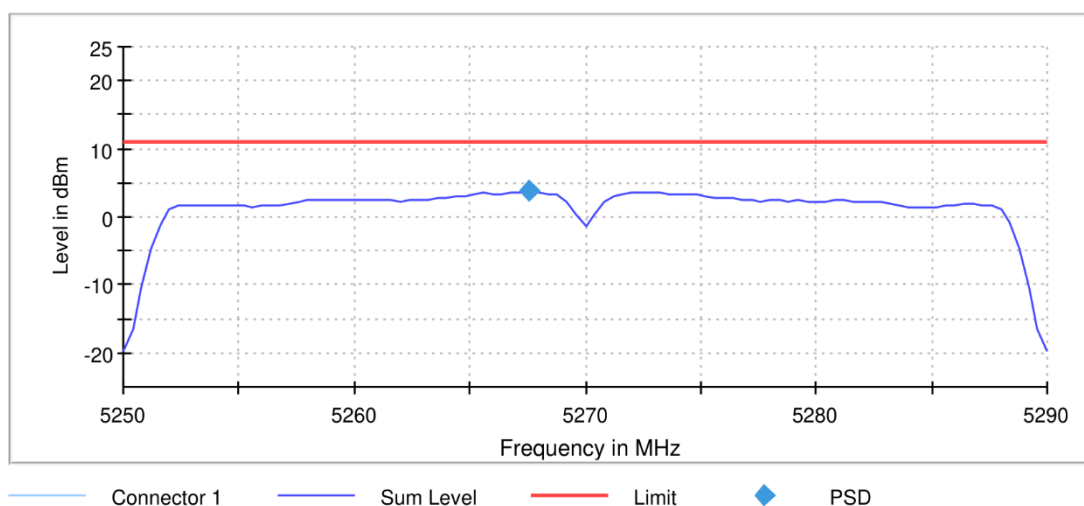


Power Spectral Density (SA-1)



11N40 _ANT6_5270

Power Spectral Density (SA-1)



11N40 _ANT6_5310

Power Spectral Density (SA-1)

