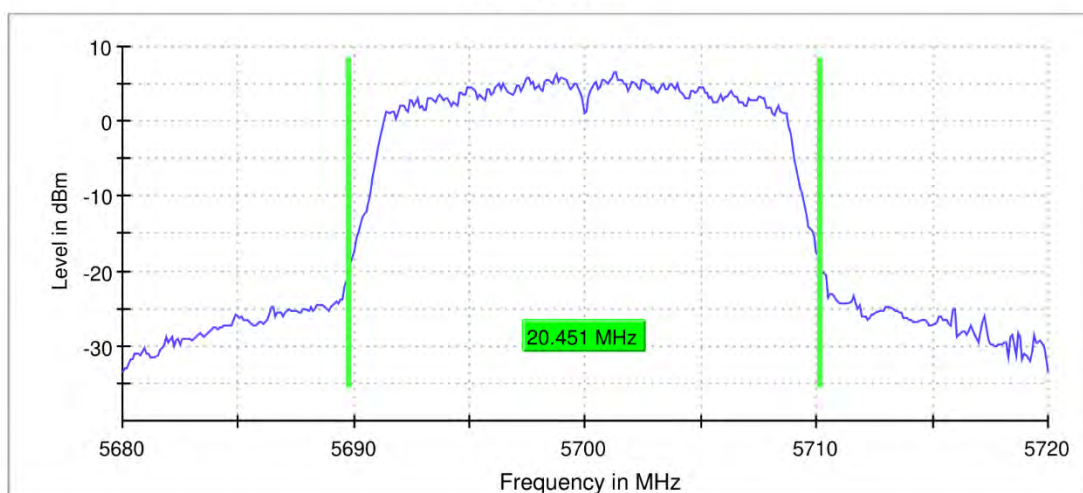


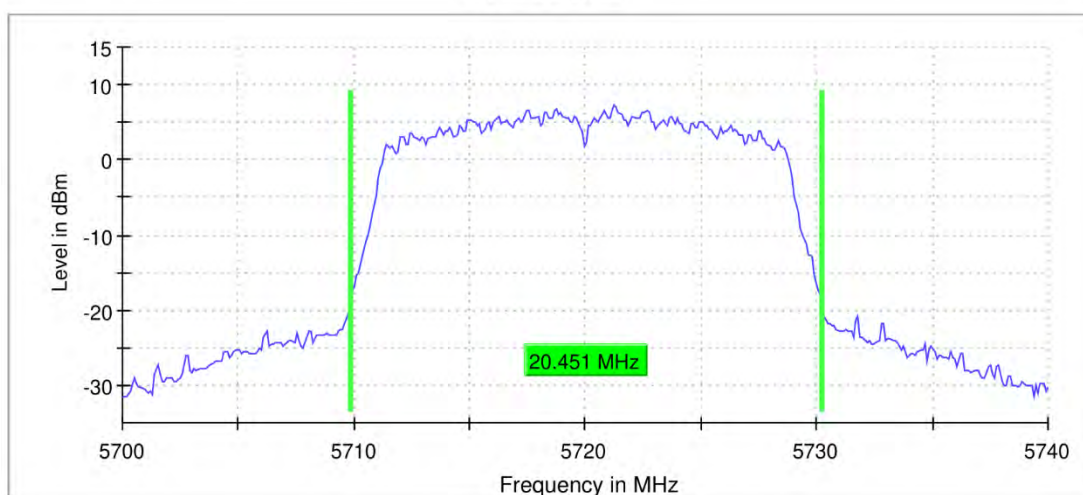


26 dB Bandwidth



11N20_ANT8_5720

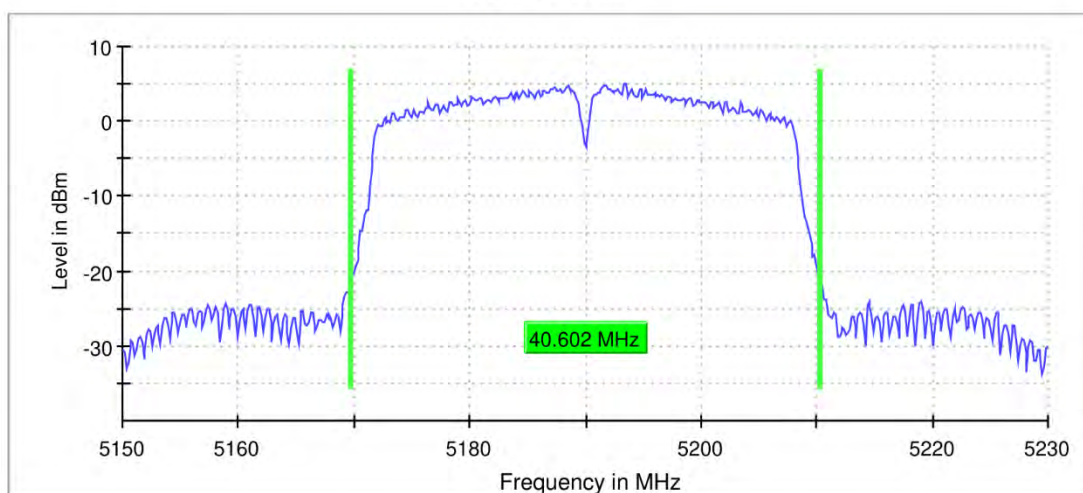
26 dB Bandwidth



11N40_ANT8_5190

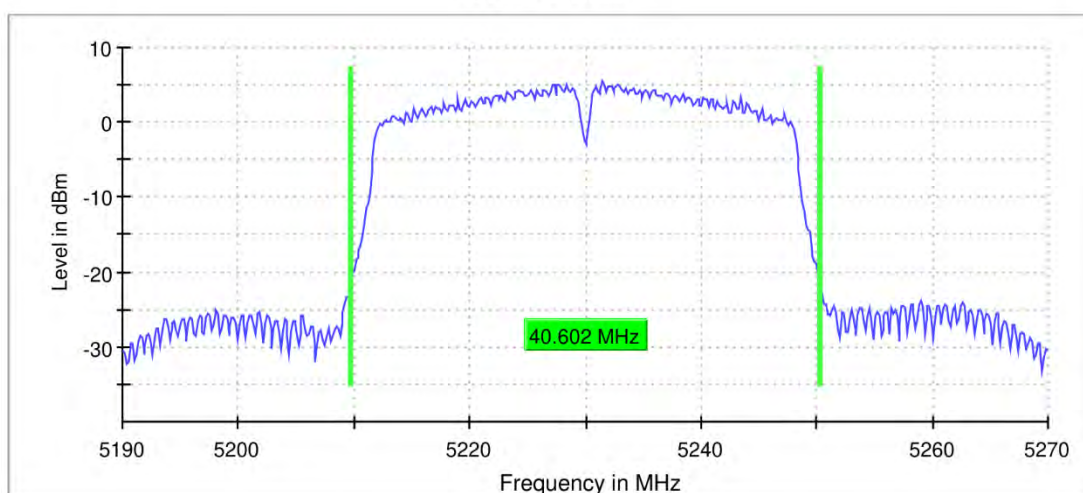


26 dB Bandwidth



11N40_ANT8_5230

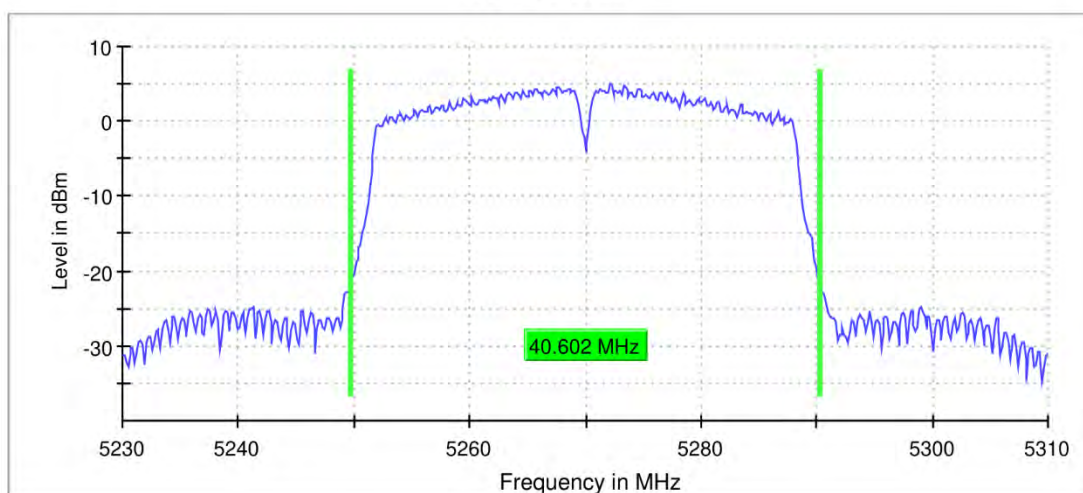
26 dB Bandwidth



11N40_ANT8_5270

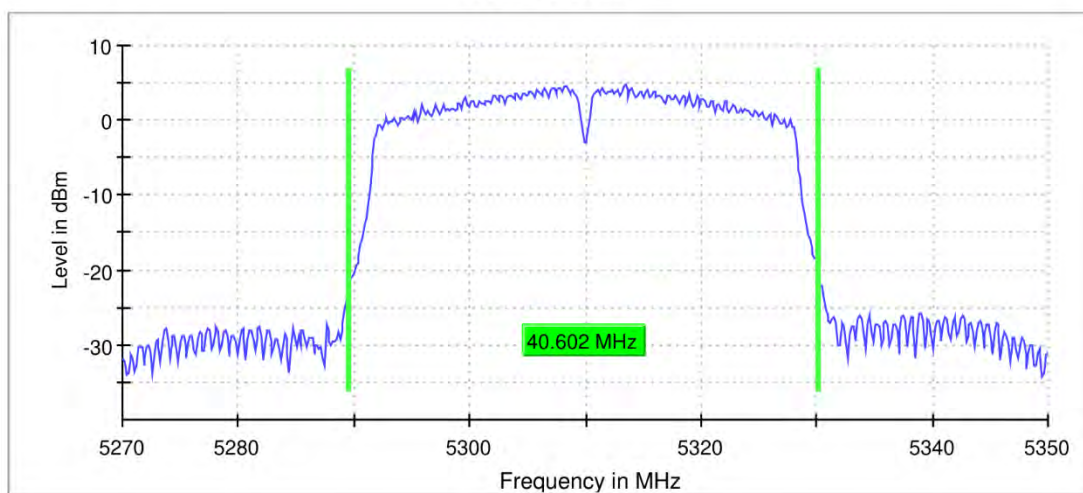


26 dB Bandwidth



11N40_ANT8_5310

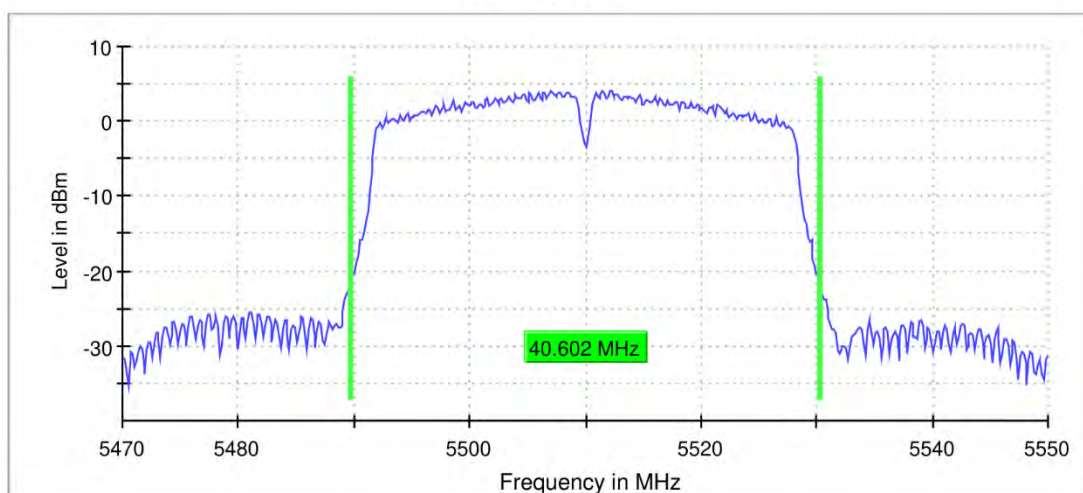
26 dB Bandwidth



11N40_ANT8_5510

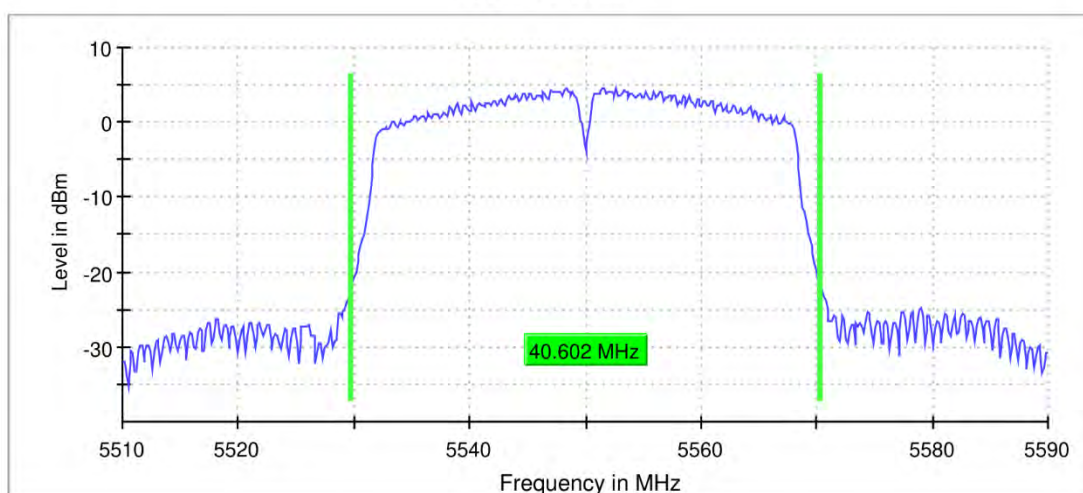


26 dB Bandwidth



11N40_ANT8_5550

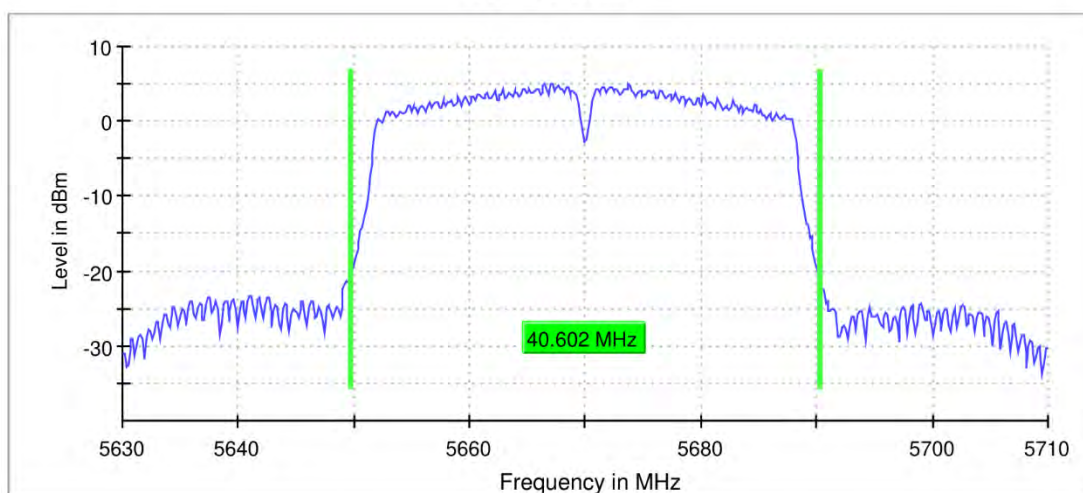
26 dB Bandwidth



11N40_ANT8_5670

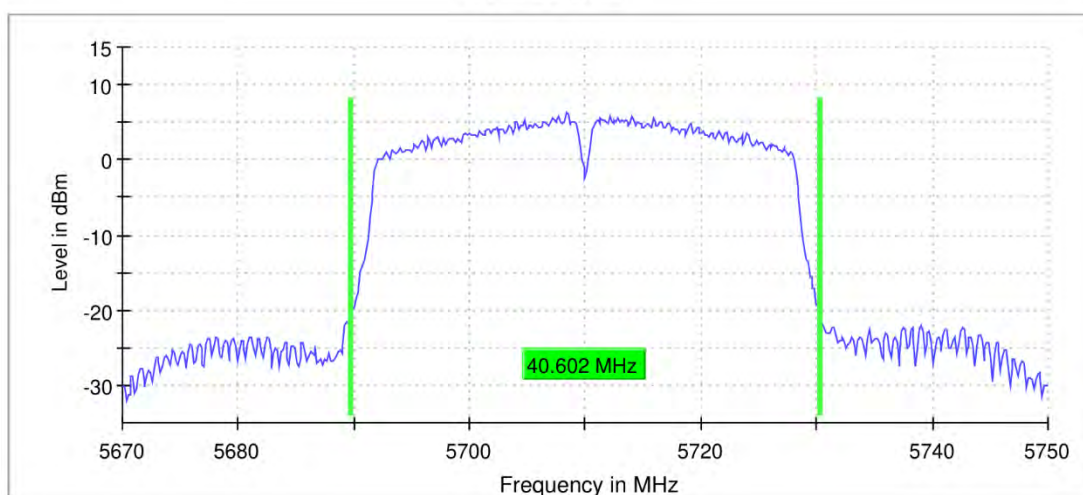


26 dB Bandwidth



11N40_ANT8_5710

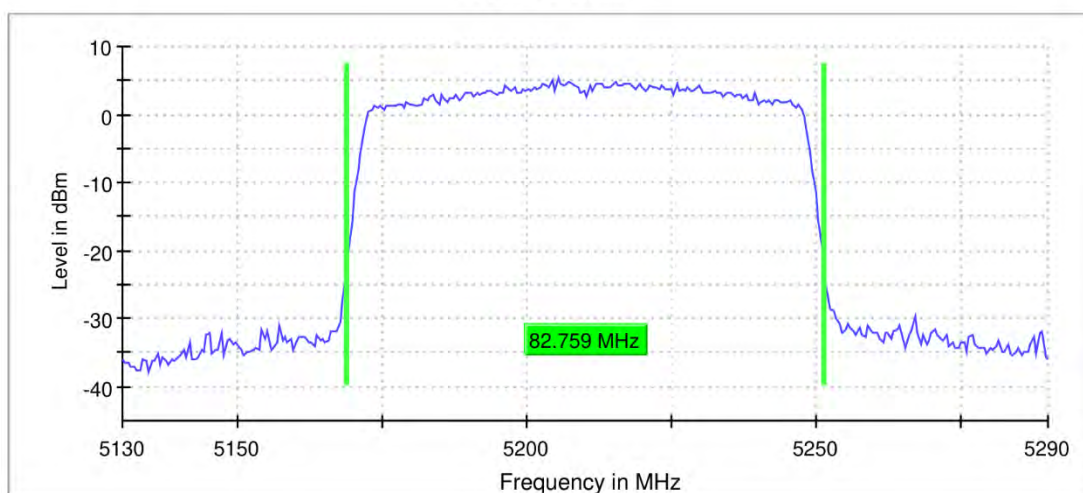
26 dB Bandwidth



11AC80_ANT8_5210

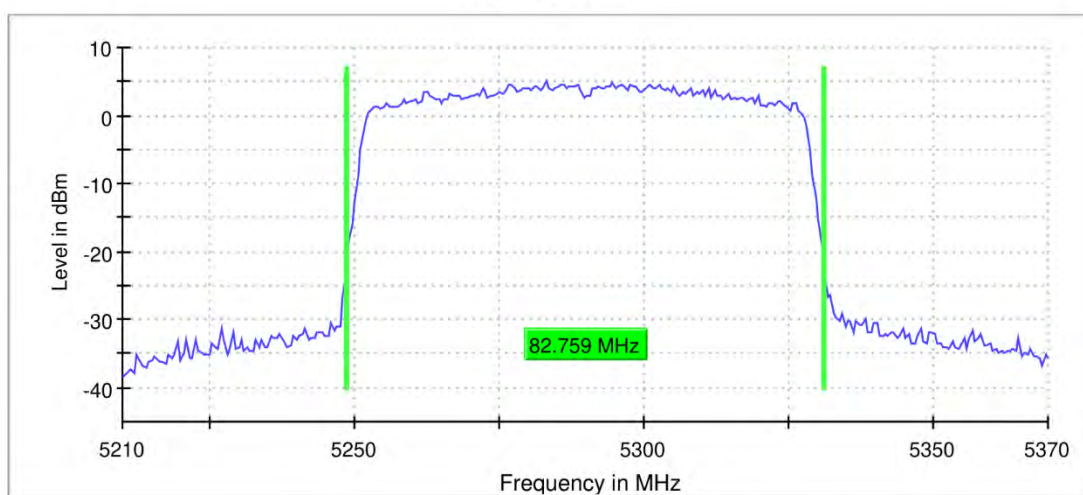


26 dB Bandwidth



11AC80_ANT8_5290

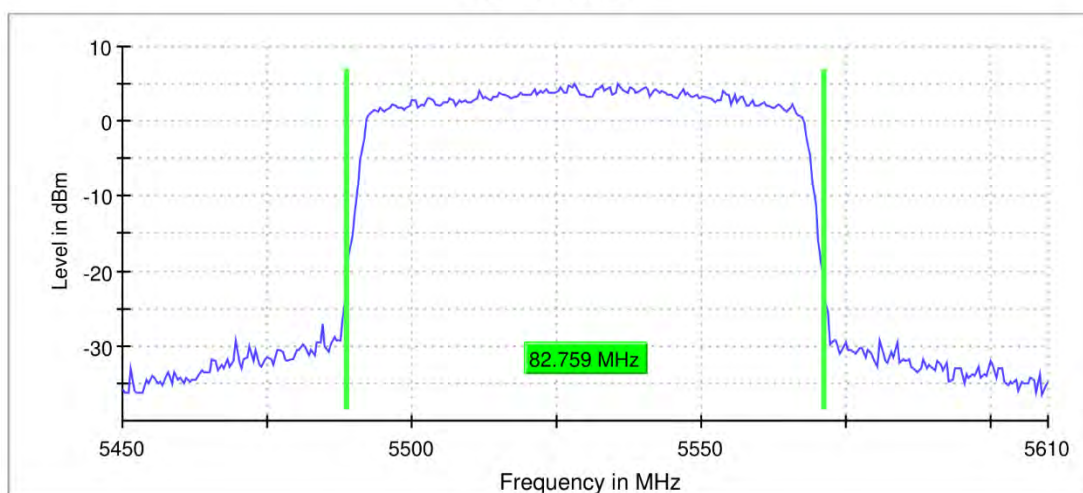
26 dB Bandwidth



11AC80_ANT8_5530

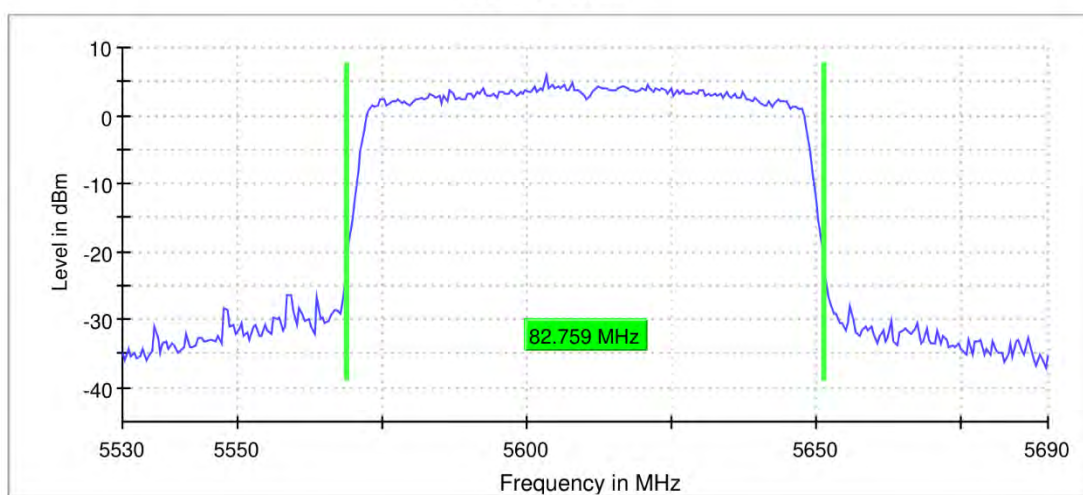


26 dB Bandwidth



11AC80_ANT8_5610

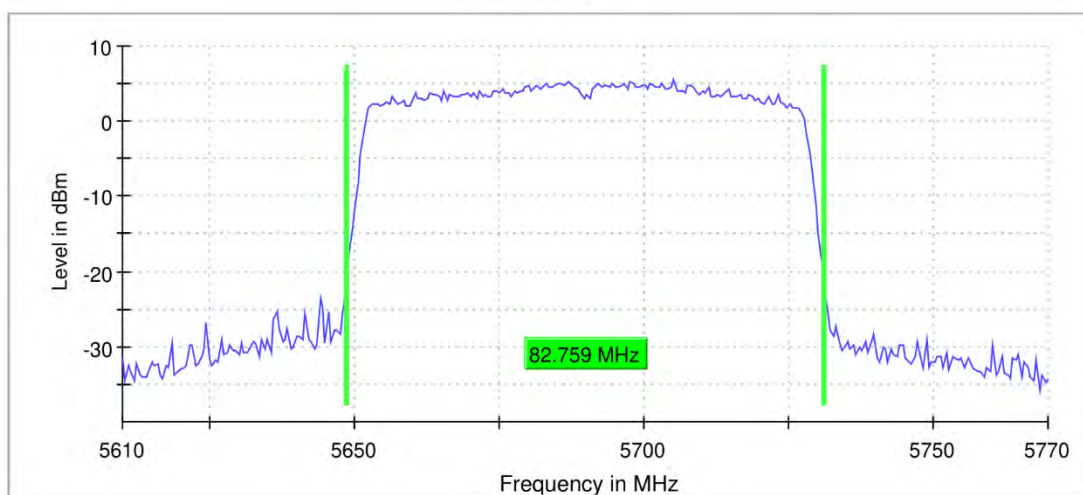
26 dB Bandwidth



11AC80_ANT8_5690



26 dB Bandwidth



20M

RBW200 KHz

VBW 1 MHz

40M

RBW500 KHz

VBW 2 MHz

80M

RBW 1.000 MHz

VBW 3.000 MHz



OCCUPIED CHANNEL BANDWIDTH

TEST RESULT

TestMode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	ANT8	5180	16.742	5171.629	5188.371	---	---
	ANT8	5200	16.541	5191.729	5208.270	---	---
	ANT8	5240	16.541	5231.729	5248.270	---	---
	ANT8	5260	16.642	5251.629	5268.271	---	---
	ANT8	5300	16.541	5291.729	5308.270	---	---
	ANT8	5320	16.541	5311.729	5328.270	---	---
	ANT8	5500	16.642	5491.629	5508.271	---	---
	ANT8	5580	16.541	5571.729	5588.270	---	---
	ANT8	5700	16.642	5691.729	5708.371	---	---
	ANT8	5720	16.642	5711.729	5728.371	---	---
11N20	ANT8	5180	17.744	5171.128	5188.872	---	---
	ANT8	5200	17.744	5191.128	5208.872	---	---
	ANT8	5240	17.744	5231.128	5248.872	---	---
	ANT8	5260	17.744	5251.128	5268.872	---	---
	ANT8	5300	17.644	5291.228	5308.872	---	---
	ANT8	5320	17.744	5311.128	5328.872	---	---
	ANT8	5500	17.744	5491.128	5508.872	---	---
	ANT8	5580	17.744	5571.128	5588.872	---	---
	ANT8	5700	17.744	5691.128	5708.872	---	---
	ANT8	5720	17.744	5711.128	5728.872	---	---
11N40	ANT8	5190	36.364	5171.818	5208.182	---	---
	ANT8	5230	36.364	5211.818	5248.182	---	---
	ANT8	5270	36.364	5251.818	5288.182	---	---
	ANT8	5310	36.364	5291.818	5328.182	---	---
	ANT8	5510	36.364	5491.818	5528.182	---	---
	ANT8	5550	36.364	5531.818	5568.182	---	---
	ANT8	5670	36.364	5651.818	5688.182	---	---
	ANT8	5710	36.364	5691.818	5728.182	---	---
11AC80	ANT8	5210	75.737	5172.132	5247.869	---	---
	ANT8	5290	75.737	5252.132	5327.869	---	---
	ANT8	5530	75.737	5492.132	5567.869	---	---



Test Report No.: PSU-QBJ2409140110RF07

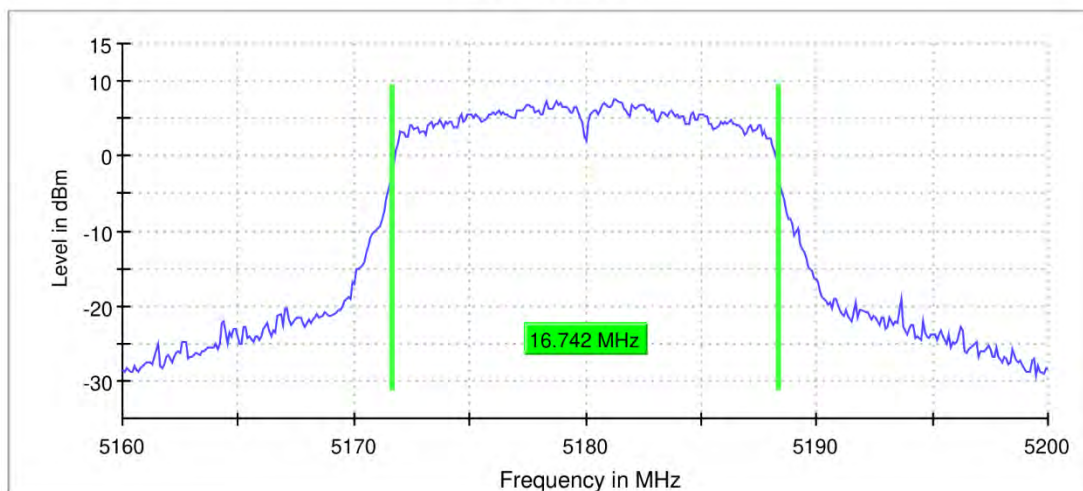
	ANT8	5610	75.737	5572.132	5647.869	---	---
	ANT8	5690	75.737	5652.132	5727.869	---	---



TEST GRAPHS

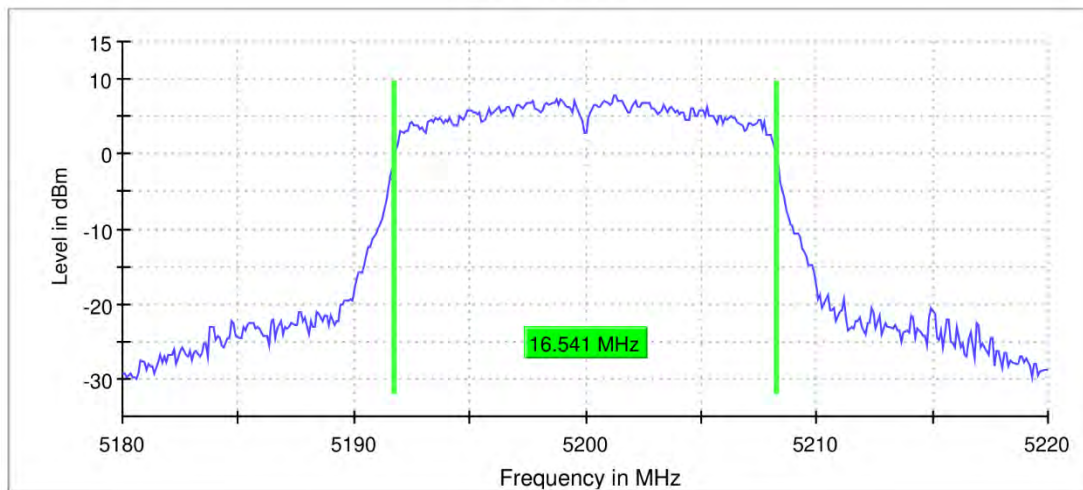
11A_ANT8_5180

99 % Bandwidth



11A_ANT8_5200

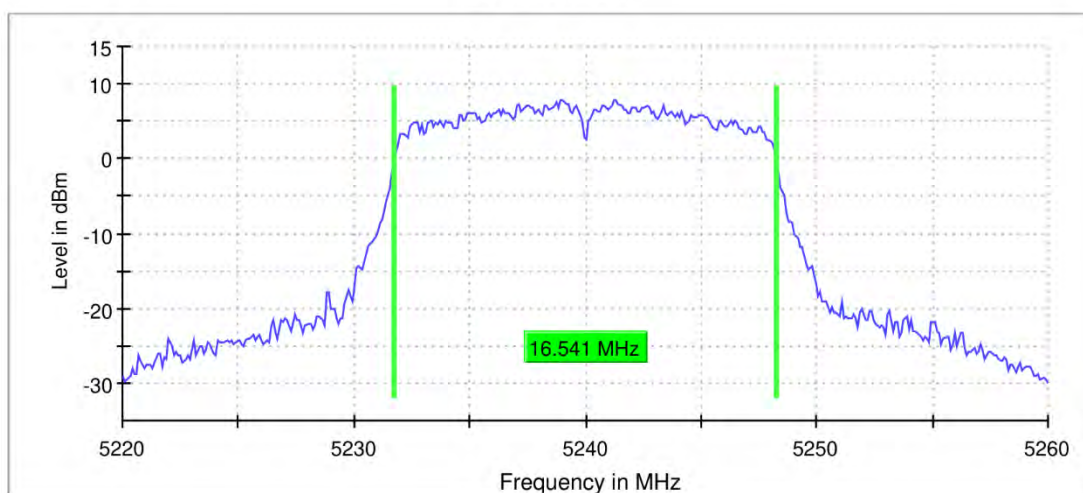
99 % Bandwidth



11A_ANT8_5240

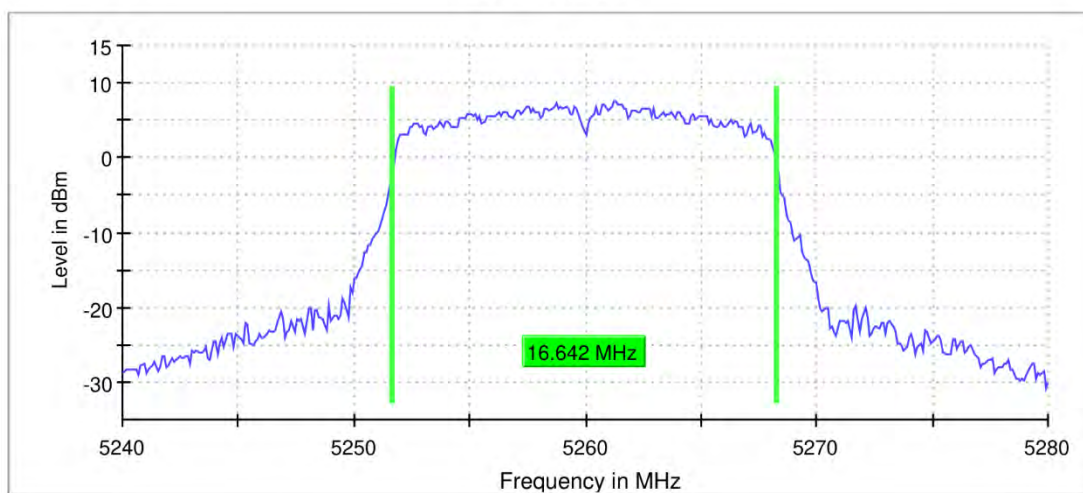


99 % Bandwidth



11A_ANT8_5260

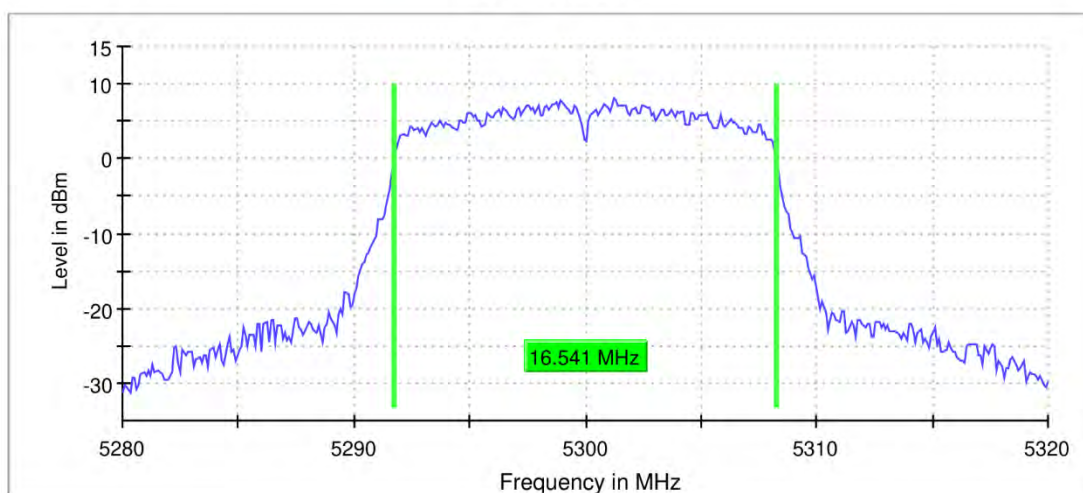
99 % Bandwidth



11A_ANT8_5300

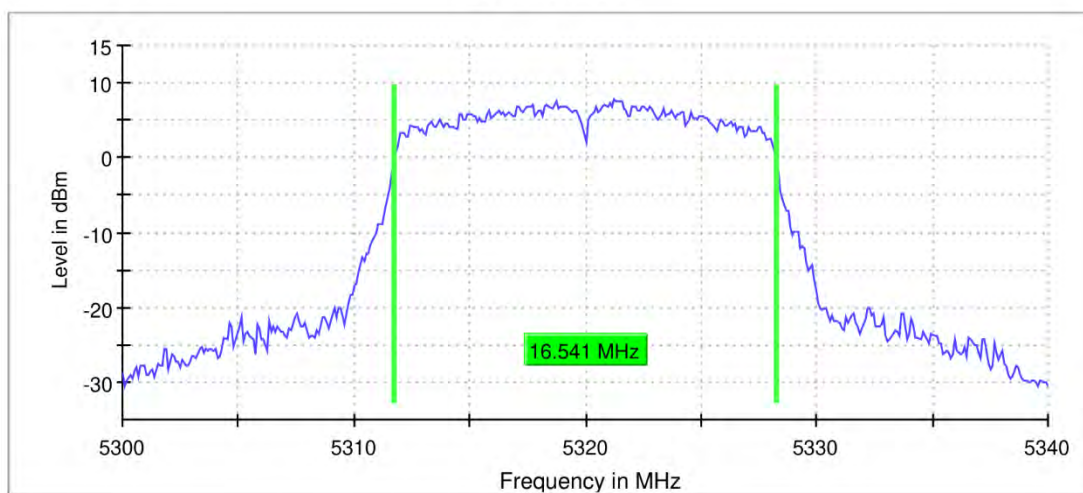


99 % Bandwidth



11A_ANT8_5320

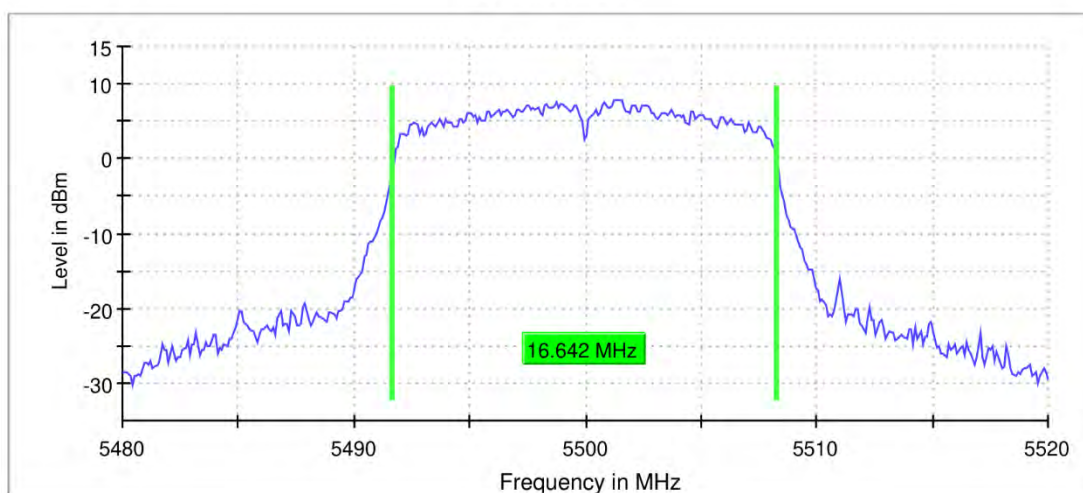
99 % Bandwidth



11A_ANT8_5500

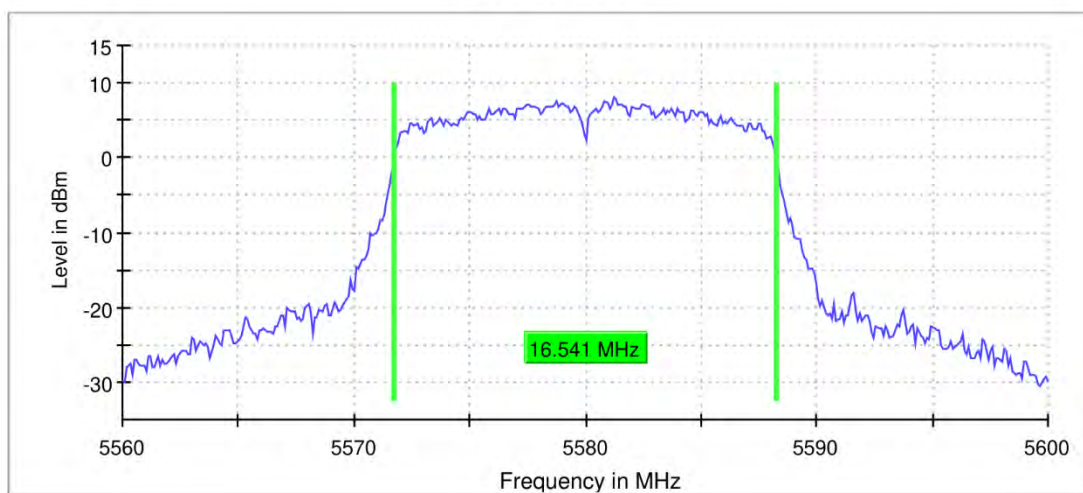


99 % Bandwidth



11A_ANT8_5580

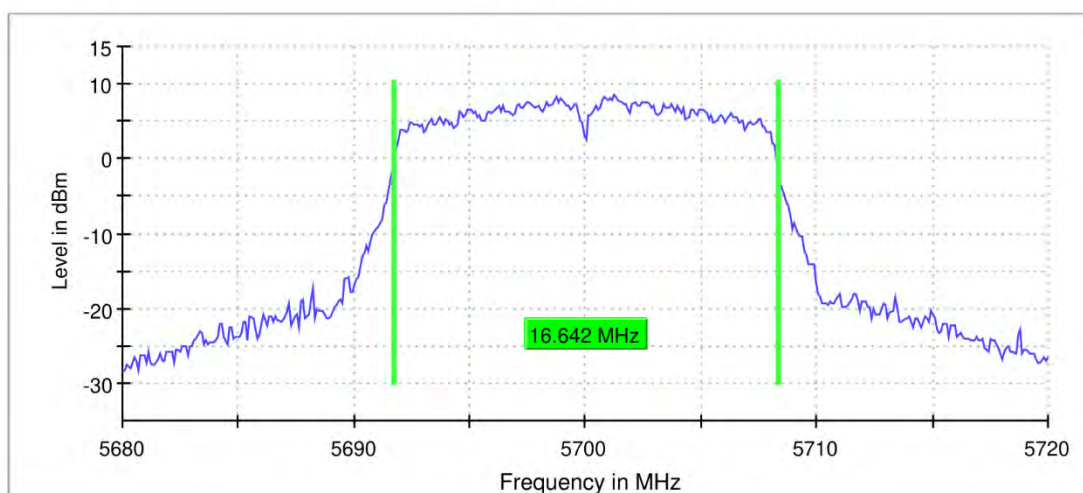
99 % Bandwidth



11A_ANT8_5700

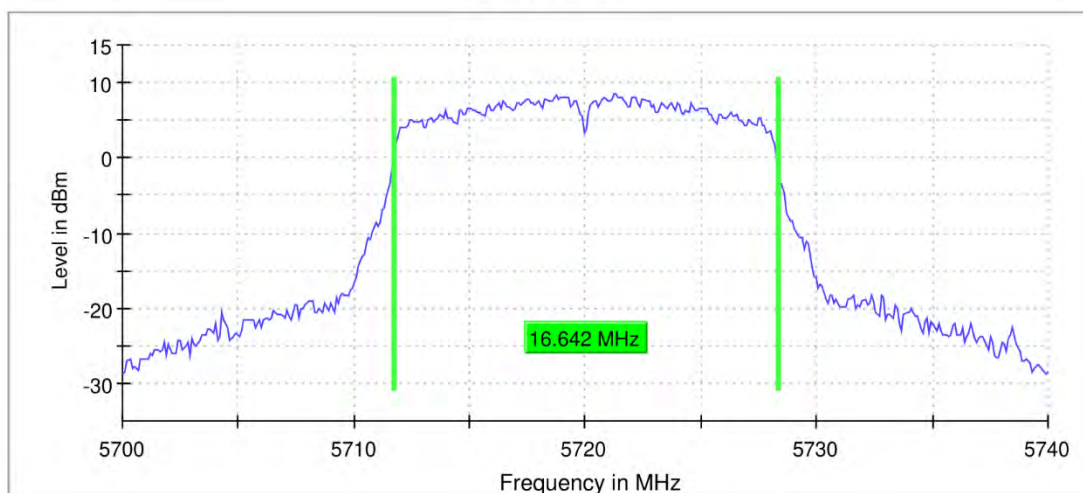


99 % Bandwidth



11A_ANT8_5720

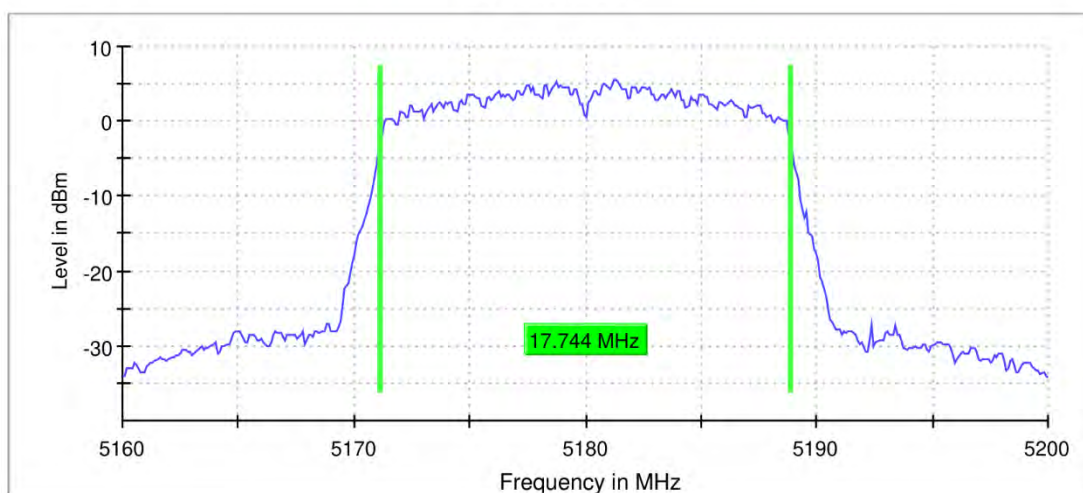
99 % Bandwidth



11N20_ANT8_5180

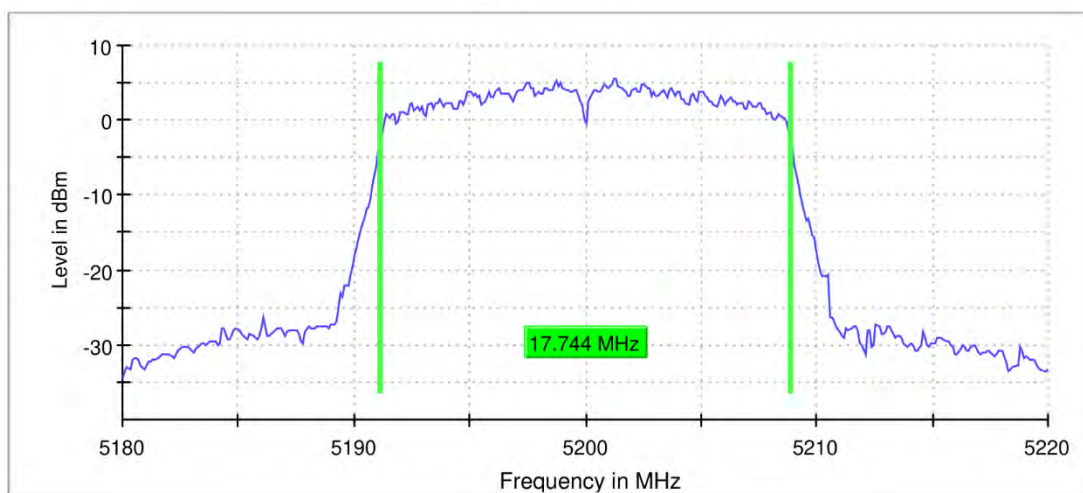


99 % Bandwidth



11N20_ANT8_5200

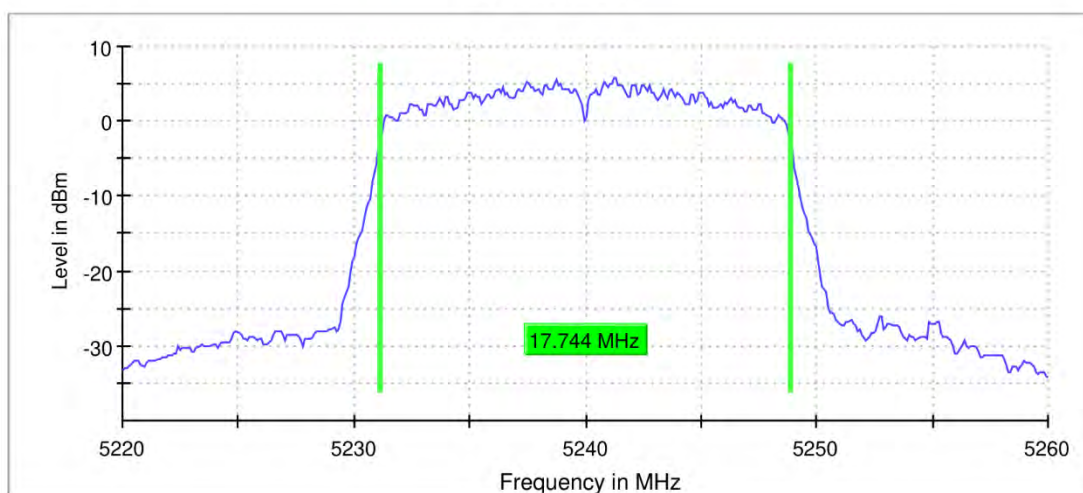
99 % Bandwidth



11N20_ANT8_5240

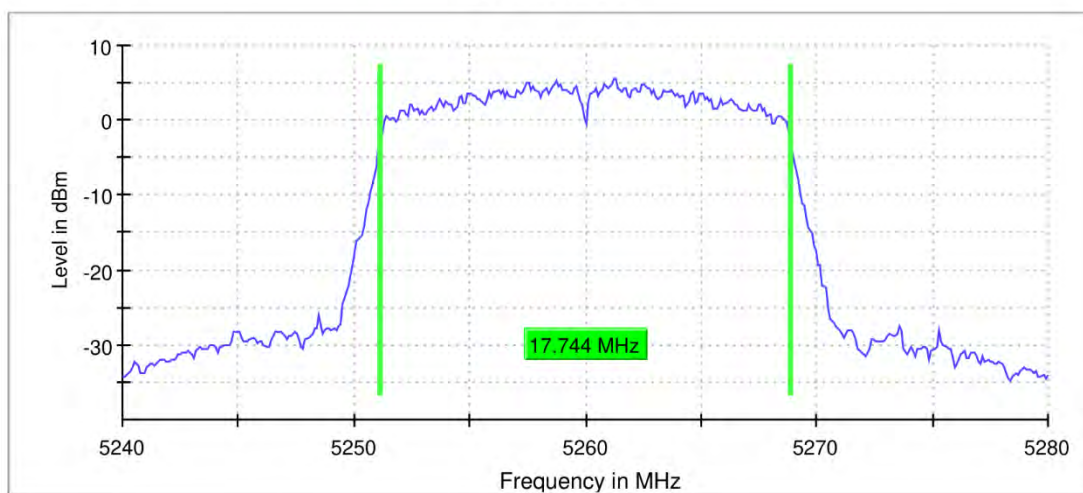


99 % Bandwidth



11N20_ANT8_5260

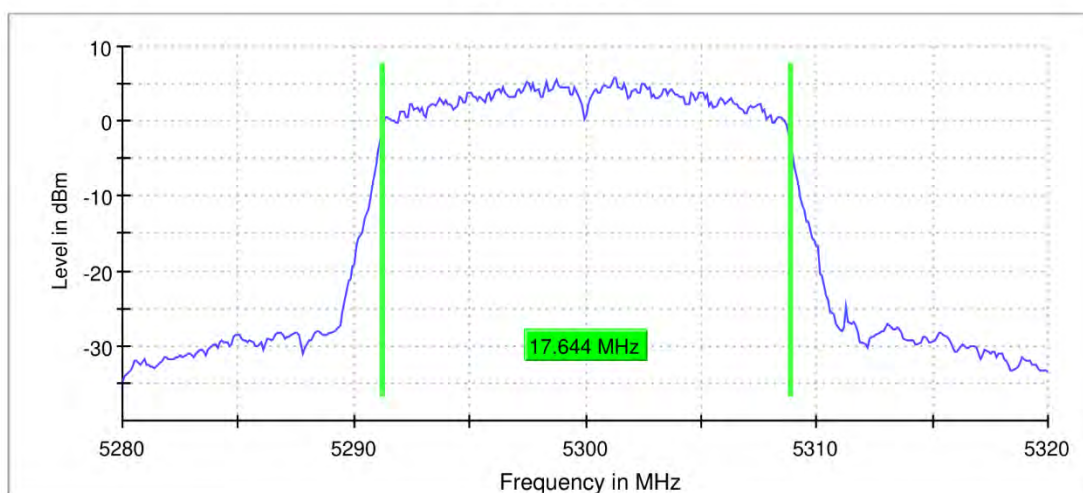
99 % Bandwidth



11N20_ANT8_5300

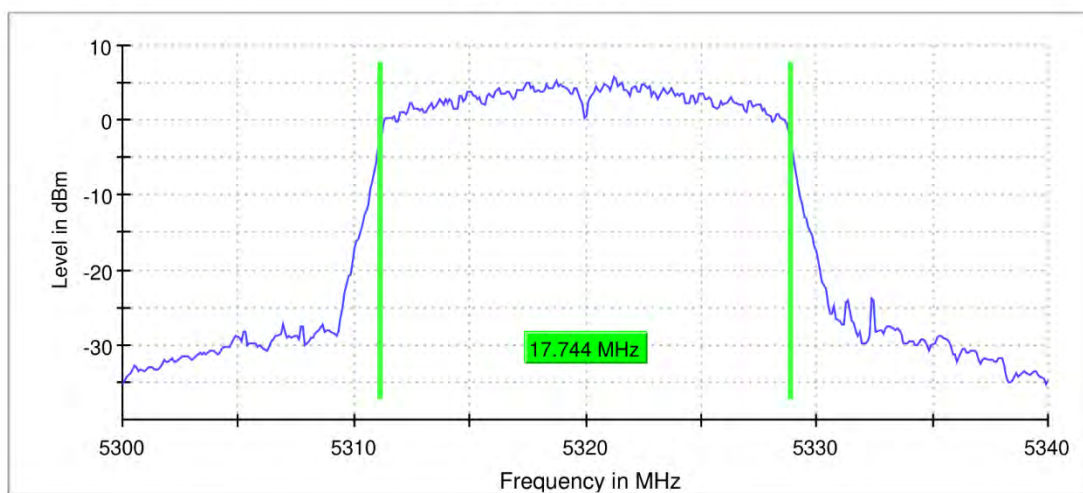


99 % Bandwidth



11N20_ANT8_5320

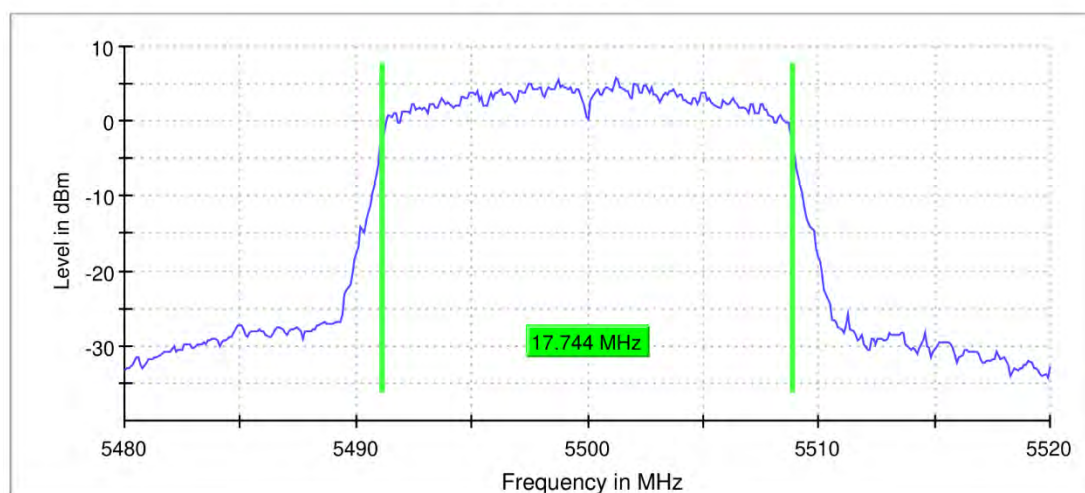
99 % Bandwidth



11N20_ANT8_5500

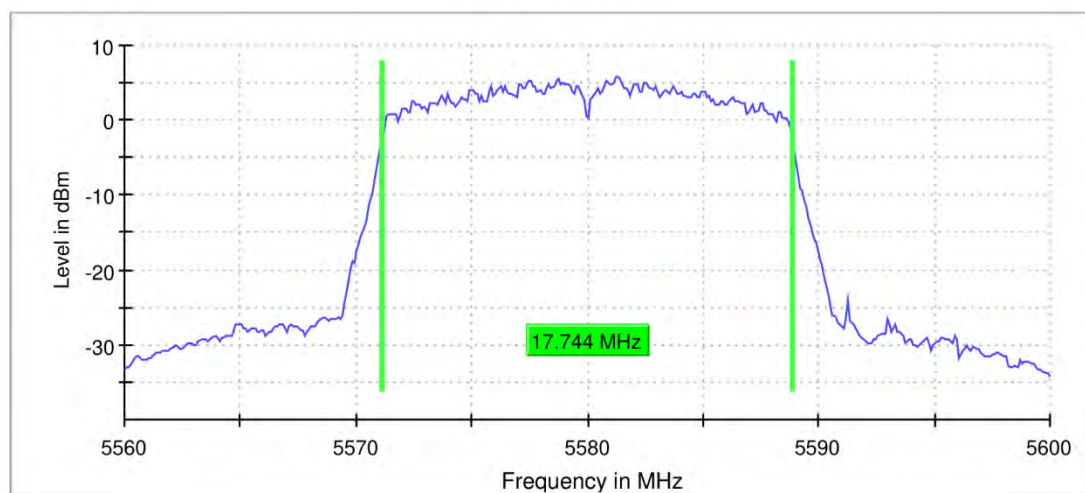


99 % Bandwidth



11N20_ANT8_5580

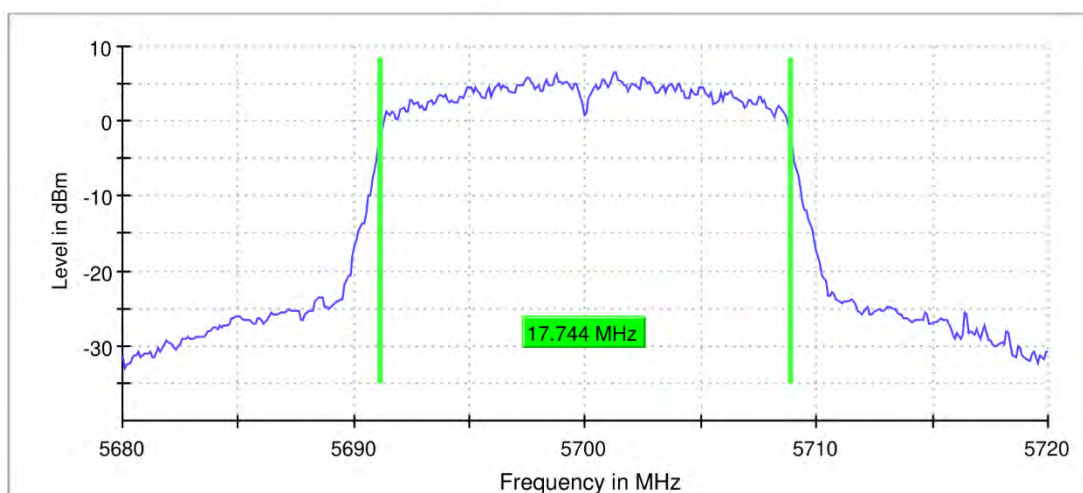
99 % Bandwidth



11N20_ANT8_5700

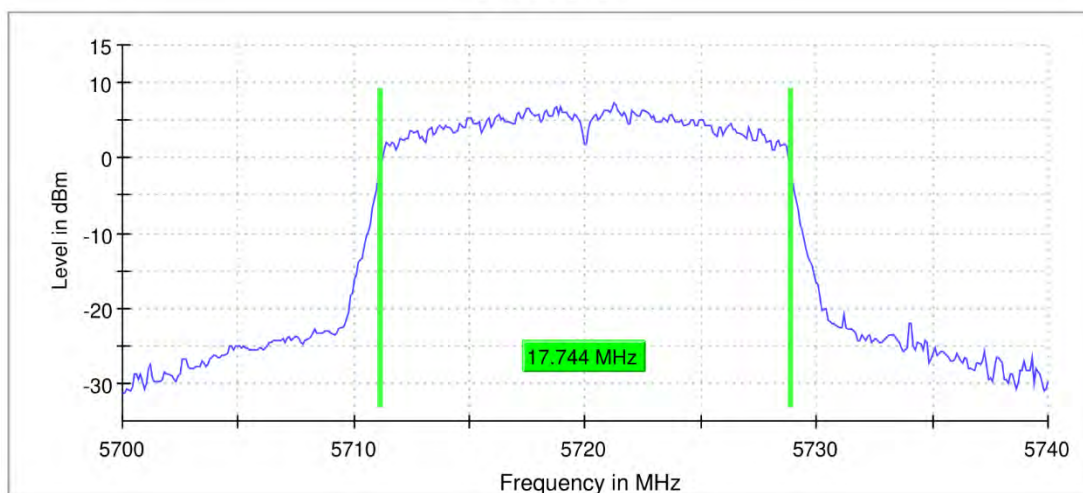


99 % Bandwidth



11N20_ANT8_5720

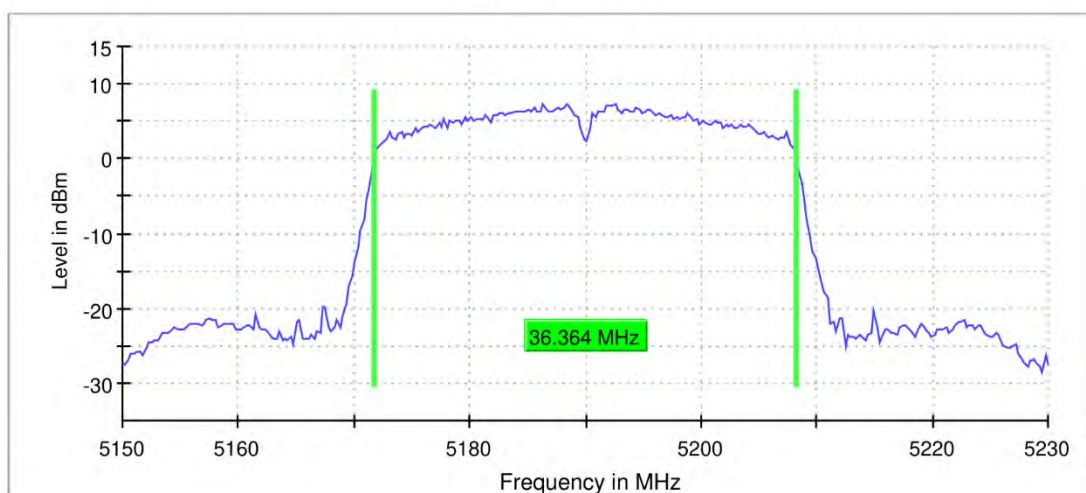
99 % Bandwidth



11N40_ANT8_5190

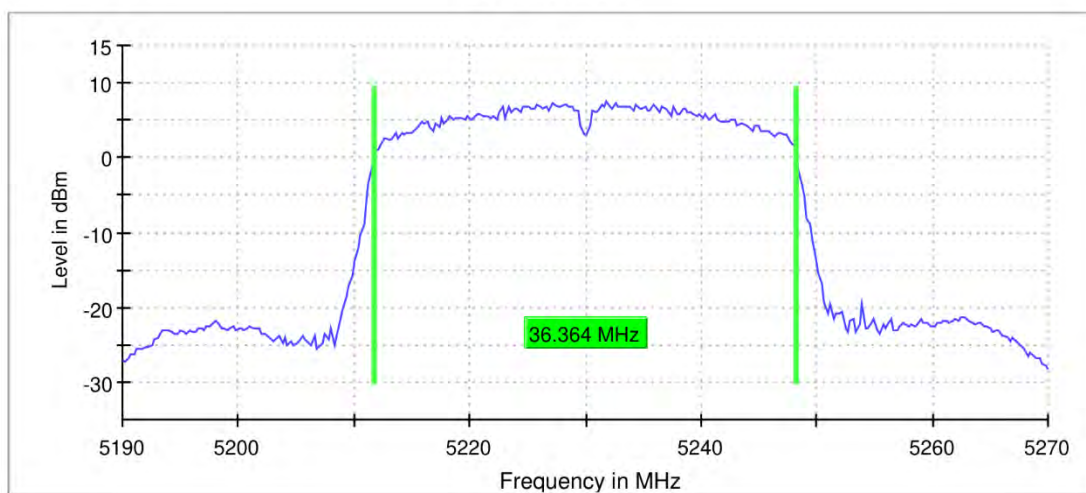


99 % Bandwidth



11N40_ANT8_5230

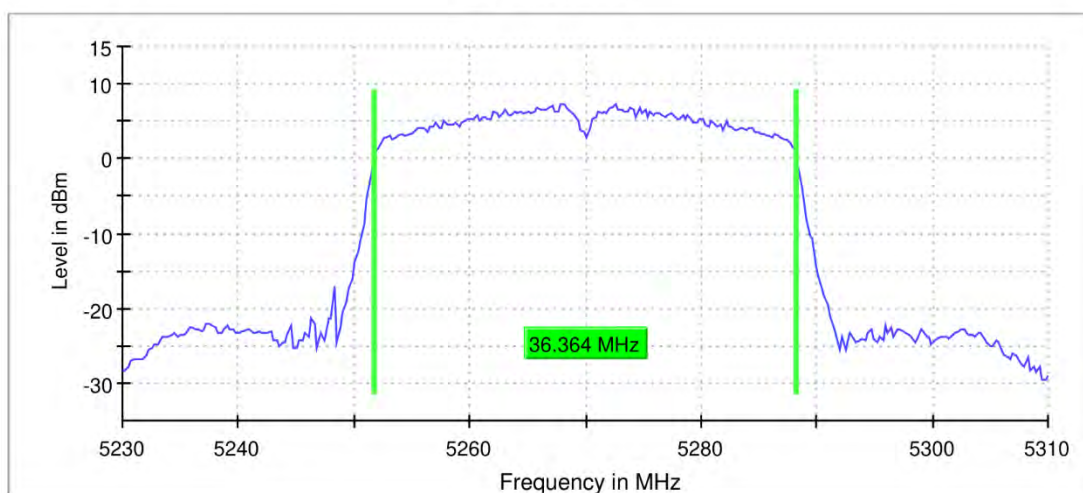
99 % Bandwidth



11N40_ANT8_5270

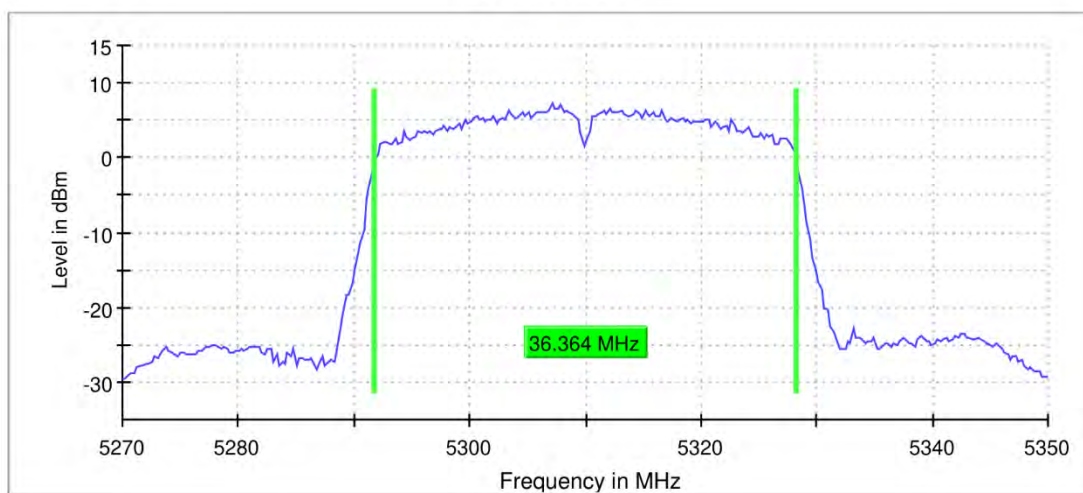


99 % Bandwidth



11N40_ANT8_5310

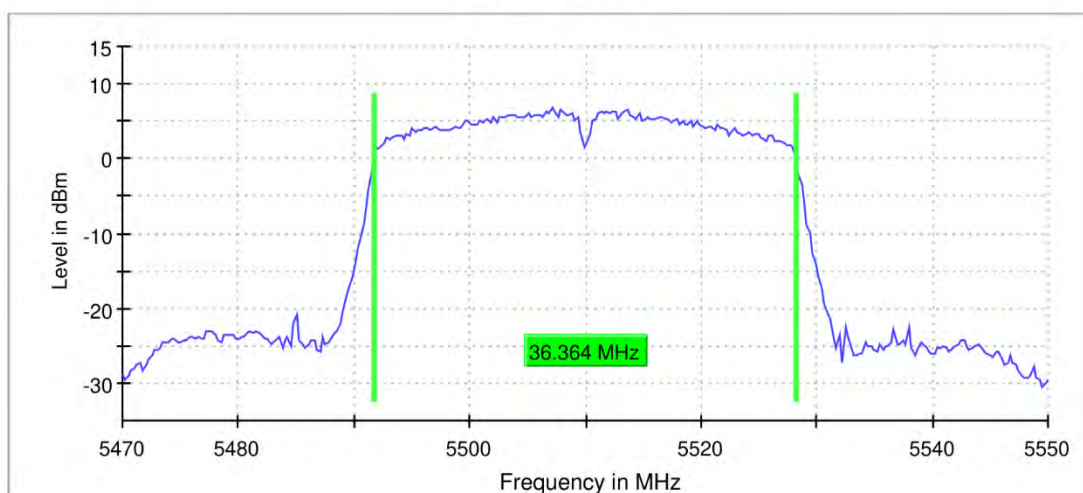
99 % Bandwidth



11N40_ANT8_5510

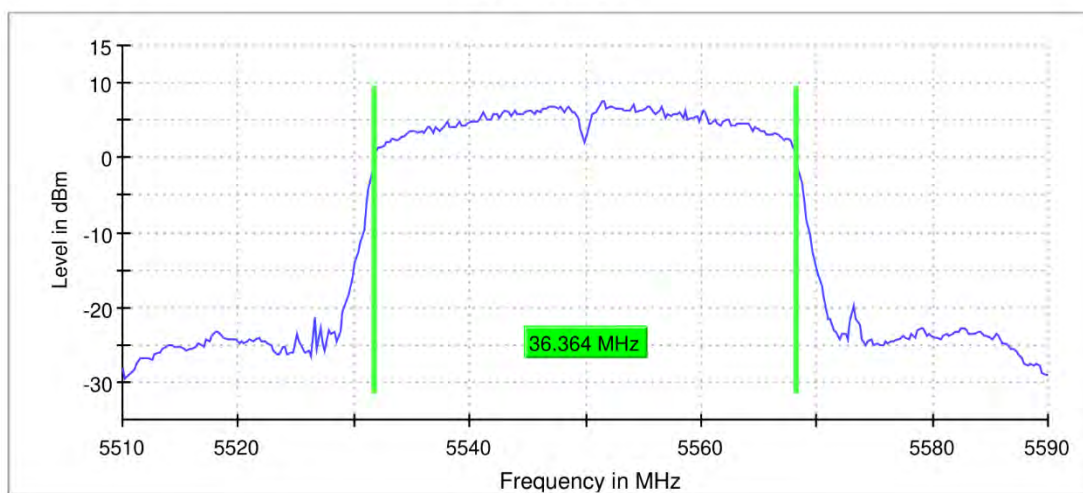


99 % Bandwidth



11N40_ANT8_5550

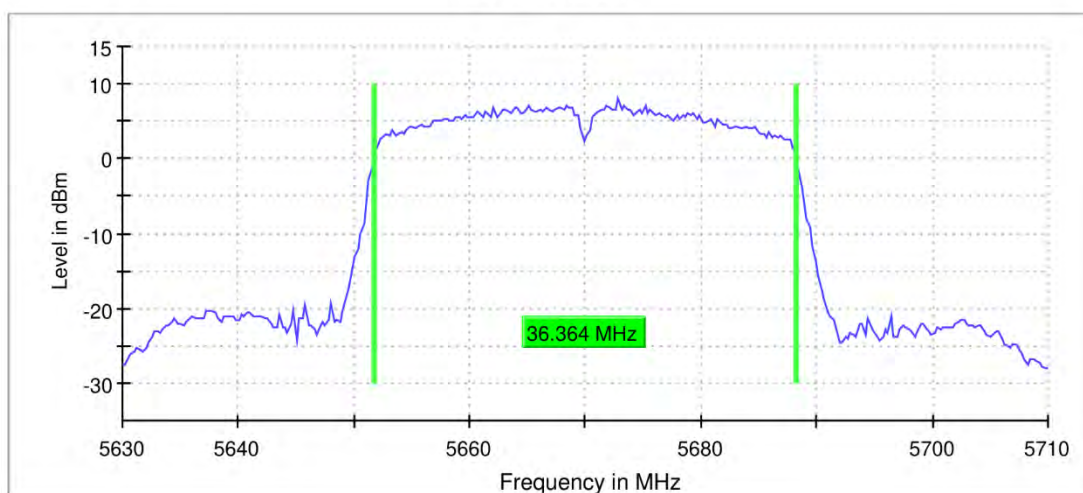
99 % Bandwidth



11N40_ANT8_5670

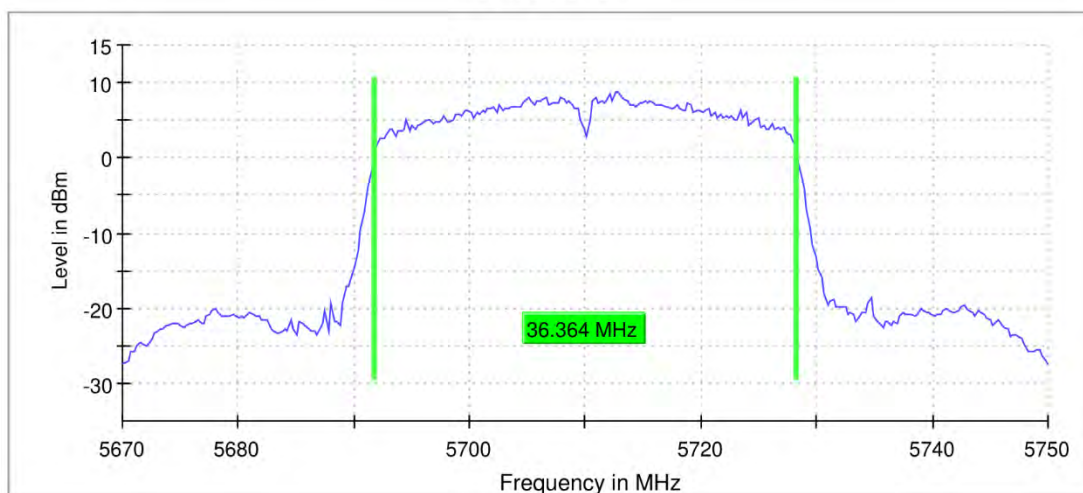


99 % Bandwidth



11N40_ANT8_5710

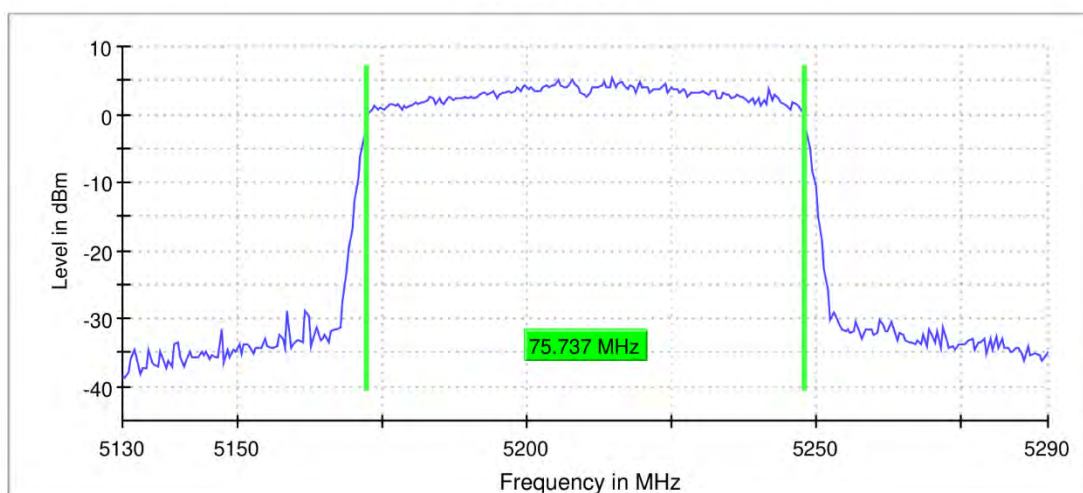
99 % Bandwidth



11AC80_ANT8_5210

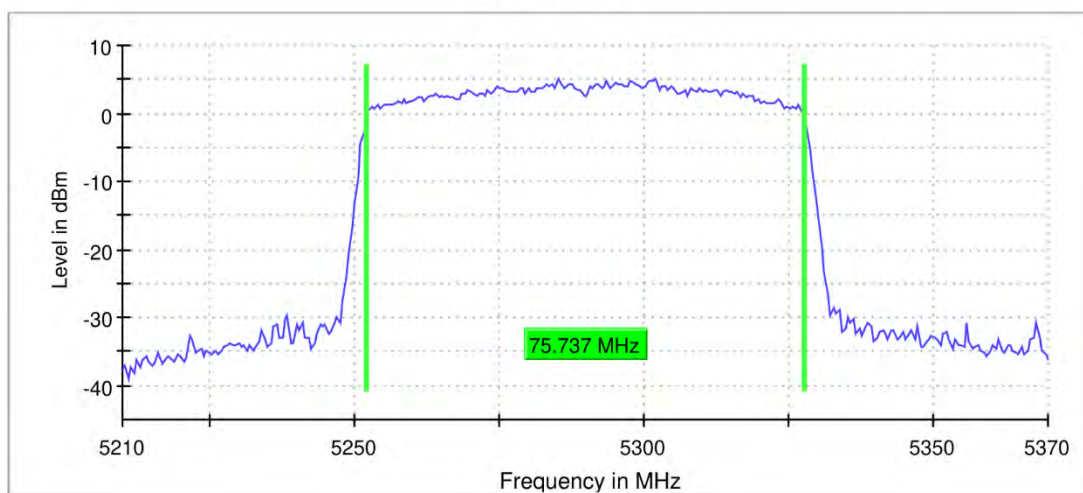


99 % Bandwidth



11AC80_ANT8_5290

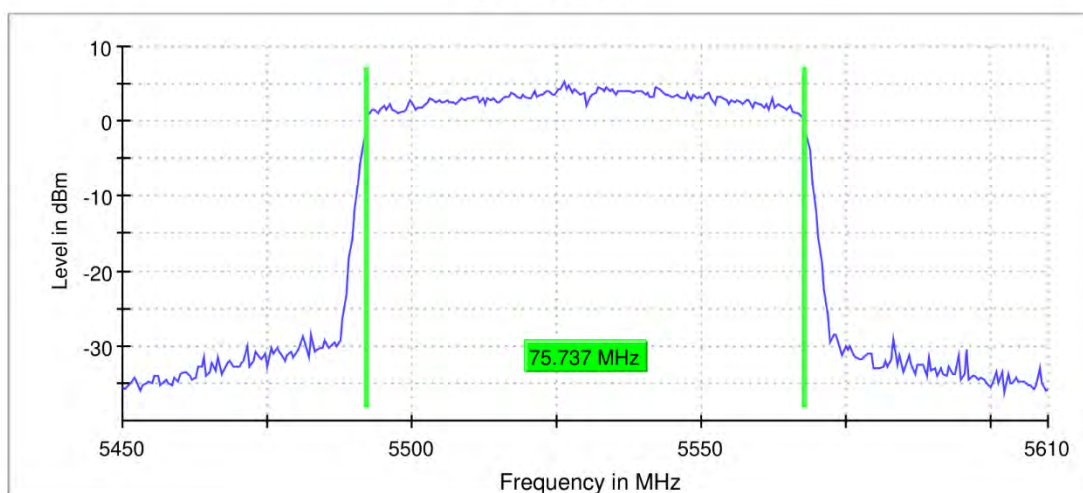
99 % Bandwidth



11AC80_ANT8_5530

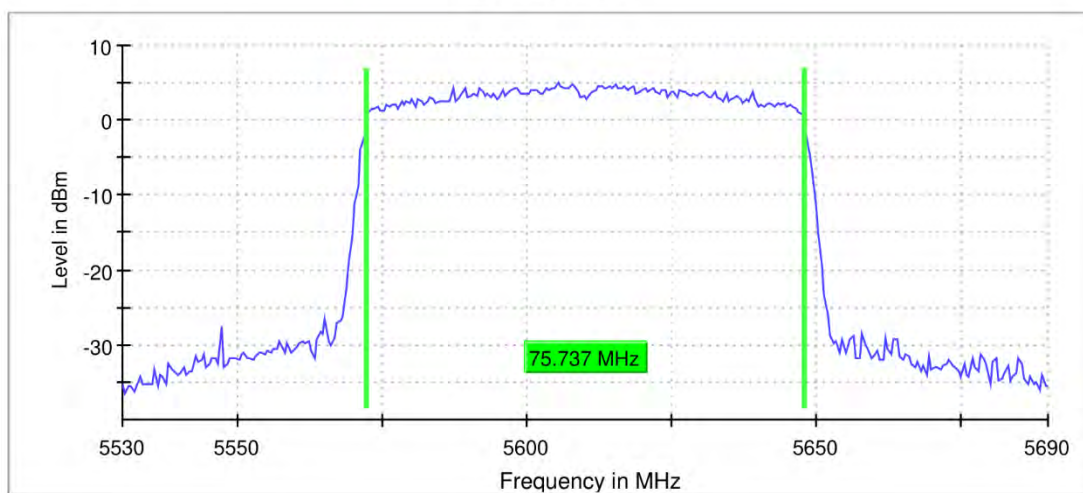


99 % Bandwidth



11AC80_ANT8_5610

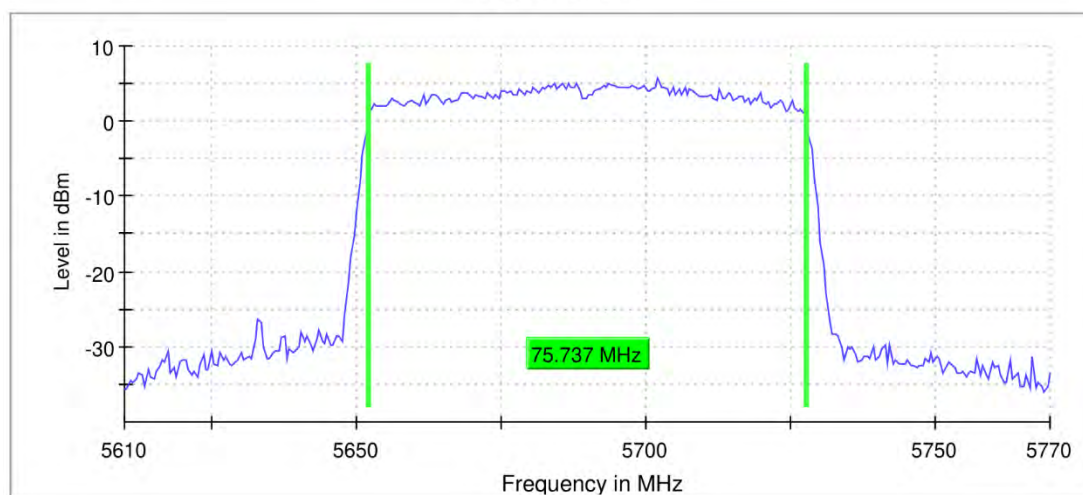
99 % Bandwidth



11AC80_ANT8_5690



99 % Bandwidth



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



DUTY CYCLE

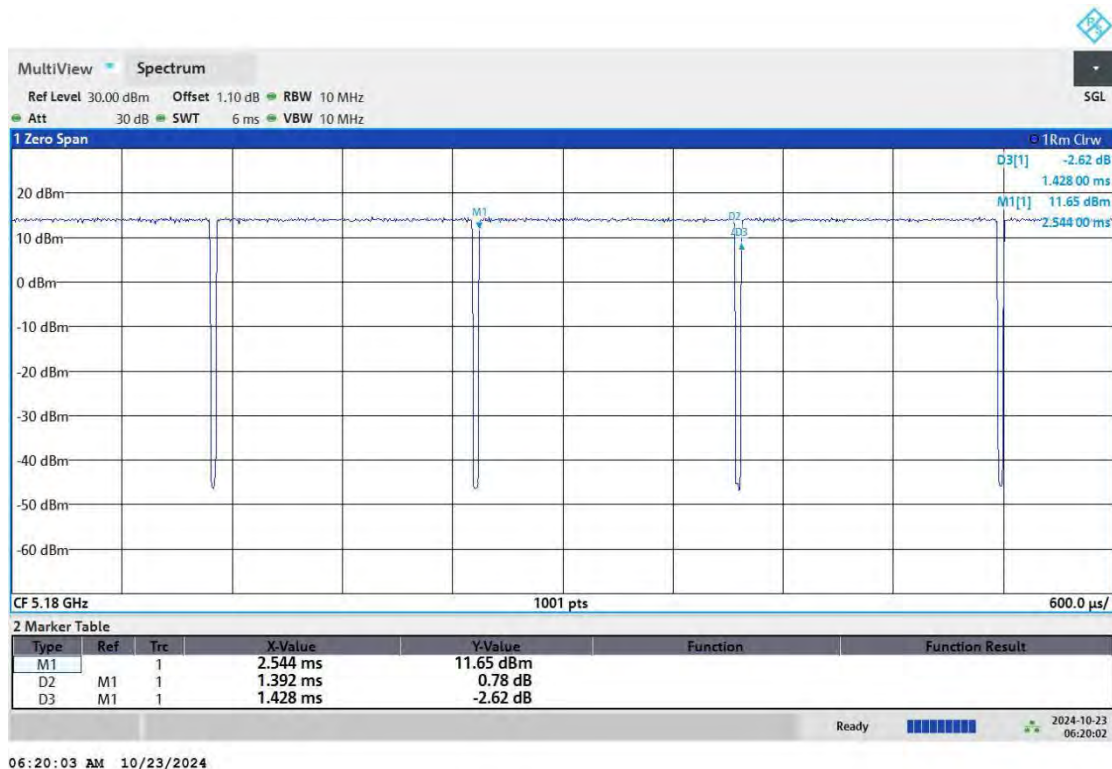
TEST RESULT

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	dutycycle factor
11A	ANT8	5180	1.392	1.428	97.48	0.11
11N20SISO	ANT8	5180	1.296	1.338	96.86	0.14
11N40SISO	ANT8	5190	0.642	0.681	94.27	0.26
11AC80SISO	ANT8	5210	0.3225	0.3585	89.96	0.46

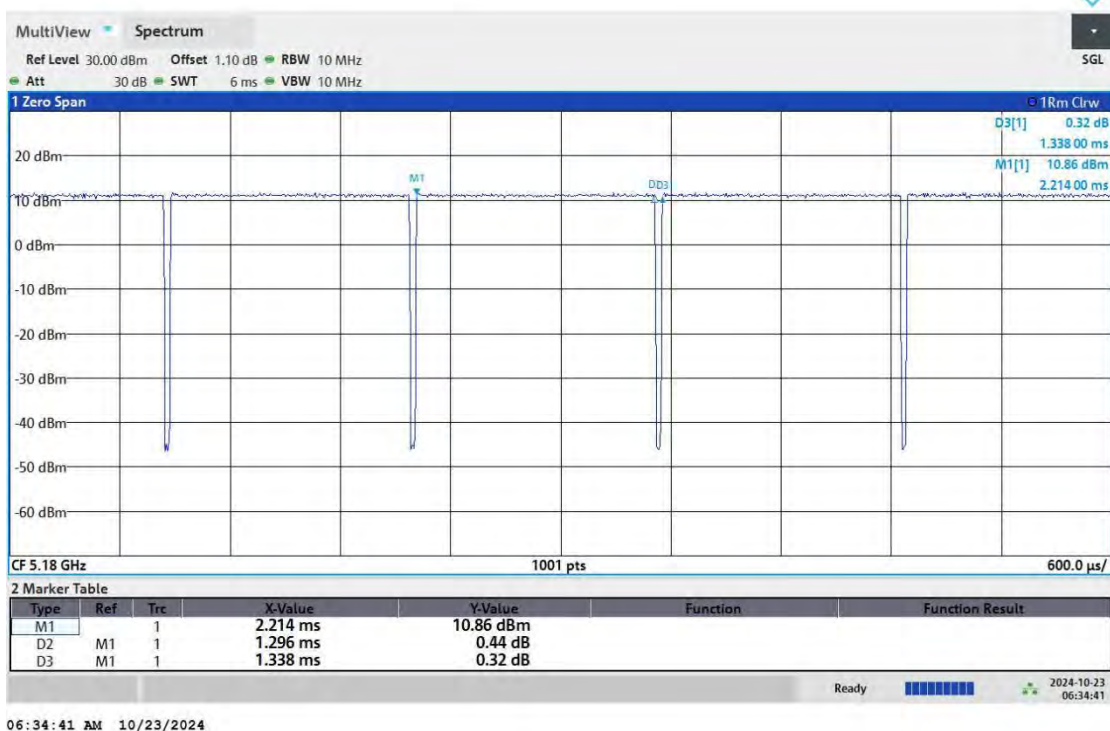


TEST GRAPHS

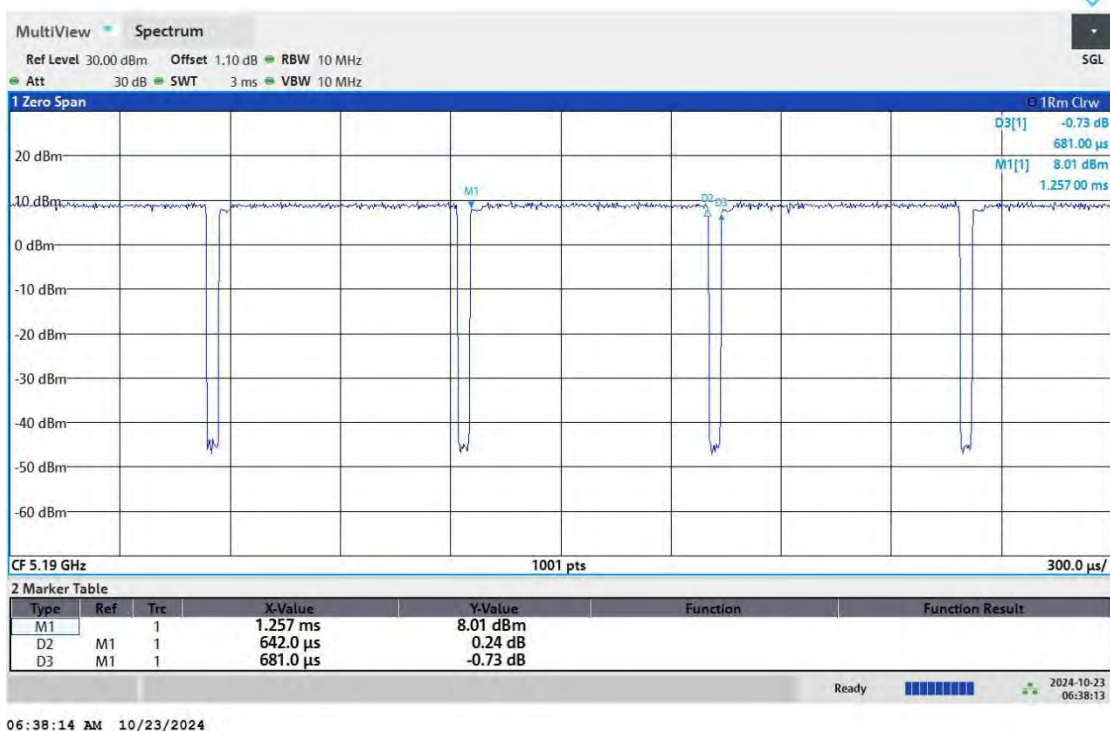
11A_ANT8_5180



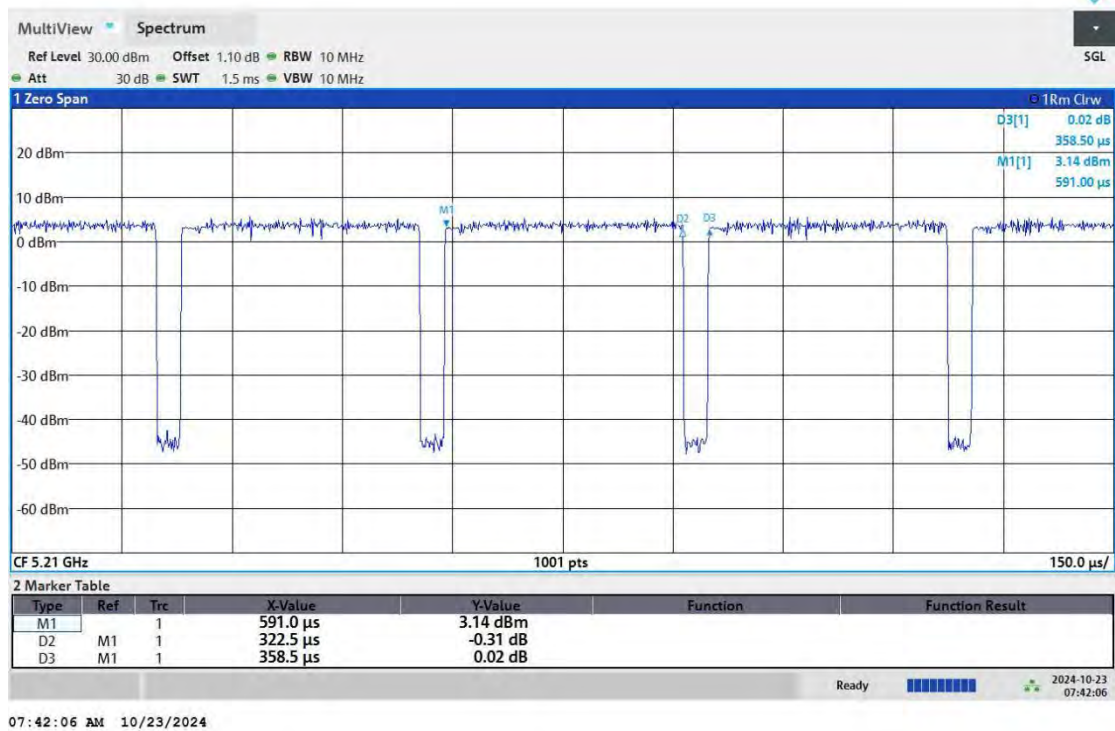
11N20SISO_ANT8_5180



11N40SISO_ANT8_5190



11AC80SISO_ANT8_5210





MAXIMUM CONDUCTED OUTPUT POWER

TEST RESULT

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	ANT8	12.90	≤24.00	10.80	≤36.00	Pass	12
		5200	ANT8	12.79	≤24.00	10.69	≤36.00	Pass	12
		5240	ANT8	13.09	≤24.00	10.99	≤36.00	Pass	12
11N20	SISO	5180	ANT8	12.55	≤24.00	10.45	≤36.00	Pass	12
		5200	ANT8	12.53	≤24.00	10.43	≤36.00	Pass	12
		5240	ANT8	12.70	≤24.00	10.60	≤36.00	Pass	12
11N40	SISO	5190	ANT8	12.62	≤24.00	10.52	≤36.00	Pass	12
		5230	ANT8	12.70	≤24.00	10.60	≤36.00	Pass	12
11AC20	SISO	5180	ANT8	12.51	≤24.00	10.41	≤36.00	Pass	12
		5200	ANT8	12.83	≤24.00	10.73	≤36.00	Pass	12
		5240	ANT8	12.96	≤24.00	10.86	≤36.00	Pass	12
11AC40	SISO	5190	ANT8	12.51	≤24.00	10.41	≤36.00	Pass	12
		5230	ANT8	12.94	≤24.00	10.84	≤36.00	Pass	12
11AC80	SISO	5210	ANT8	12.53	≤24.00	10.43	≤36.00	Pass	12
Note:The Maximum Conducted Power with duty cycle factor.									



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	ANT8	13.01	≤24.00	11.51	≤30.00	Pass	12
		5300	ANT8	13.10	≤24.00	11.60	≤30.00	Pass	12
		5320	ANT8	12.13	≤24.00	10.63	≤30.00	Pass	12
11N20	SISO	5260	ANT8	12.58	≤24.00	11.08	≤30.00	Pass	12
		5300	ANT8	12.62	≤24.00	11.12	≤30.00	Pass	12
		5320	ANT8	12.67	≤24.00	11.17	≤30.00	Pass	12
11N40	SISO	5270	ANT8	12.65	≤24.00	11.15	≤30.00	Pass	12
		5310	ANT8	12.79	≤24.00	11.29	≤30.00	Pass	12
11AC20	SISO	5260	ANT8	12.82	≤24.00	11.32	≤30.00	Pass	12
		5300	ANT8	13.06	≤24.00	11.56	≤30.00	Pass	12
		5320	ANT8	12.93	≤24.00	11.43	≤30.00	Pass	12
11AC40	SISO	5270	ANT8	12.79	≤24.00	11.29	≤30.00	Pass	12
		5310	ANT8	13.04	≤24.00	11.54	≤30.00	Pass	12
11AC80	SISO	5210	ANT8	12.80	≤24.00	11.30	≤30.00	Pass	12
Note:The Maximum Conducted Power with duty cycle factor.									



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	ANT8	13.08	≤24.00	12.08	≤30.00	Pass	12
		5580	ANT8	13.12	≤24.00	12.12	≤30.00	Pass	12
		5700	ANT8	13.20	≤24.00	12.20	≤30.00	Pass	12
		5720	ANT8	13.48	≤24.00	12.48	≤30.00	Pass	12
11N20	SISO	5500	ANT8	12.52	≤24.00	11.52	≤30.00	Pass	12
		5580	ANT8	12.63	≤24.00	11.63	≤30.00	Pass	12
		5700	ANT8	13.15	≤24.00	12.15	≤30.00	Pass	12
		5720	ANT8	13.44	≤24.00	12.44	≤30.00	Pass	12
11N40	SISO	5510	ANT8	12.61	≤24.00	11.61	≤30.00	Pass	12
		5550	ANT8	12.58	≤24.00	11.58	≤30.00	Pass	12
		5670	ANT8	13.23	≤24.00	12.23	≤30.00	Pass	12
		5710	ANT8	13.41	≤24.00	12.41	≤30.00	Pass	12
11AC20	SISO	5500	ANT8	12.70	≤24.00	11.70	≤30.00	Pass	12
		5580	ANT8	12.79	≤24.00	11.79	≤30.00	Pass	12
		5700	ANT8	13.06	≤24.00	12.06	≤30.00	Pass	12
		5720	ANT8	13.82	≤24.00	12.82	≤30.00	Pass	12
11AC40	SISO	5510	ANT8	12.51	≤24.00	11.51	≤30.00	Pass	12
		5550	ANT8	12.52	≤24.00	11.52	≤30.00	Pass	12
		5670	ANT8	12.86	≤24.00	11.86	≤30.00	Pass	12
		5710	ANT8	13.26	≤24.00	12.26	≤30.00	Pass	12
11AC80	SISO	5530	ANT8	12.57	≤24.00	11.57	≤30.00	Pass	12
		5610	ANT8	12.76	≤24.00	11.76	≤30.00	Pass	12
		5690	ANT8	12.75	≤24.00	11.75	≤30.00	Pass	12
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	ANT8	5180	0.524	≤11.00	Pass
	ANT8	5200	0.675	≤11.00	Pass
	ANT8	5240	1.276	≤11.00	Pass
	ANT8	5260	1.667	≤11.00	Pass
	ANT8	5300	1.51	≤11.00	Pass
	ANT8	5320	1.516	≤11.00	Pass
	ANT8	5500	1.271	≤11.00	Pass
	ANT8	5580	1.361	≤11.00	Pass
	ANT8	5700	1.505	≤11.00	Pass
	ANT8	5720	1.794	≤11.00	Pass
11N20	ANT8	5180	-0.117	≤11.00	Pass
	ANT8	5200	0.385	≤11.00	Pass
	ANT8	5240	1.006	≤11.00	Pass
	ANT8	5260	1.368	≤11.00	Pass
	ANT8	5300	1.227	≤11.00	Pass
	ANT8	5320	1.275	≤11.00	Pass
	ANT8	5500	1.231	≤11.00	Pass
	ANT8	5580	0.65	≤11.00	Pass
	ANT8	5700	0.876	≤11.00	Pass
	ANT8	5720	0.992	≤11.00	Pass
11N40	ANT8	5190	-3.769	≤11.00	Pass
	ANT8	5230	-3.399	≤11.00	Pass
	ANT8	5270	-3.201	≤11.00	Pass
	ANT8	5310	-2.945	≤11.00	Pass
	ANT8	5510	-2.979	≤11.00	Pass
	ANT8	5550	-2.869	≤11.00	Pass
	ANT8	5670	-3.208	≤11.00	Pass
	ANT8	5710	-2.676	≤11.00	Pass
11AC80	ANT8	5210	-4.897	≤11.00	Pass
	ANT8	5290	-4.963	≤11.00	Pass



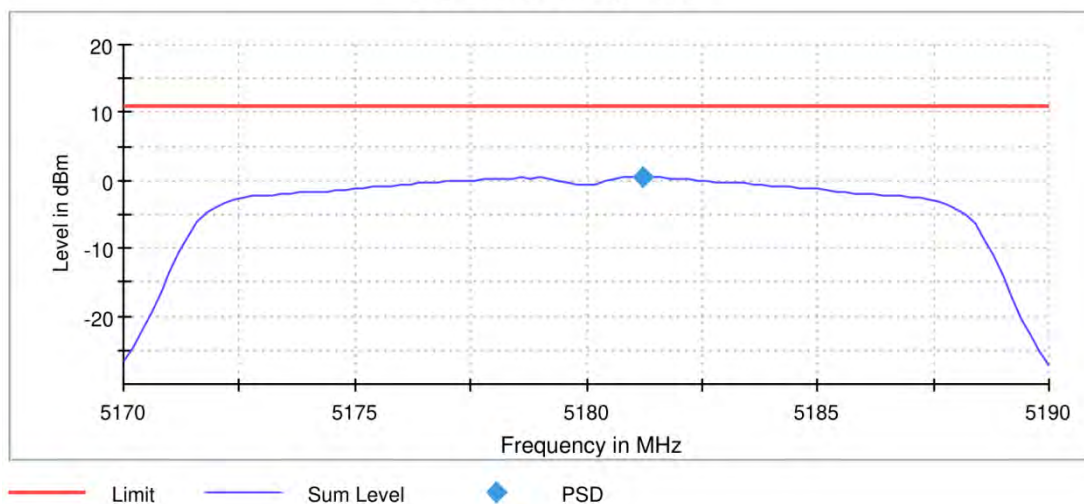
Test Report No.: PSU-QBJ2409140110RF07

	ANT8	5530	-4.983	≤11.00	Pass
	ANT8	5610	-4.924	≤11.00	Pass
	ANT8	5690	-4.321	≤11.00	Pass

TEST GRAPHS

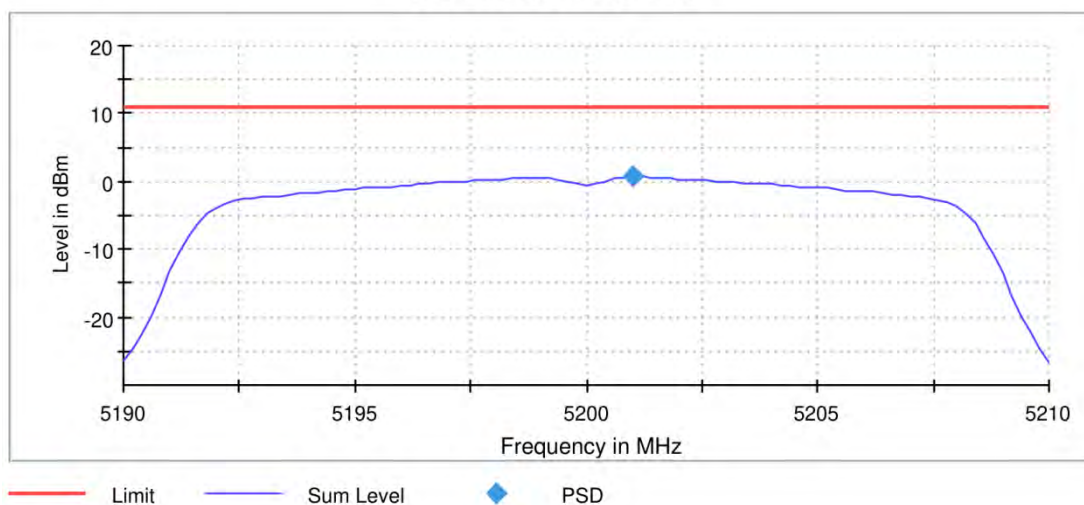
11A_ANT8_5180

Power Spectral Density (SA-1)



11A_ANT8_5200

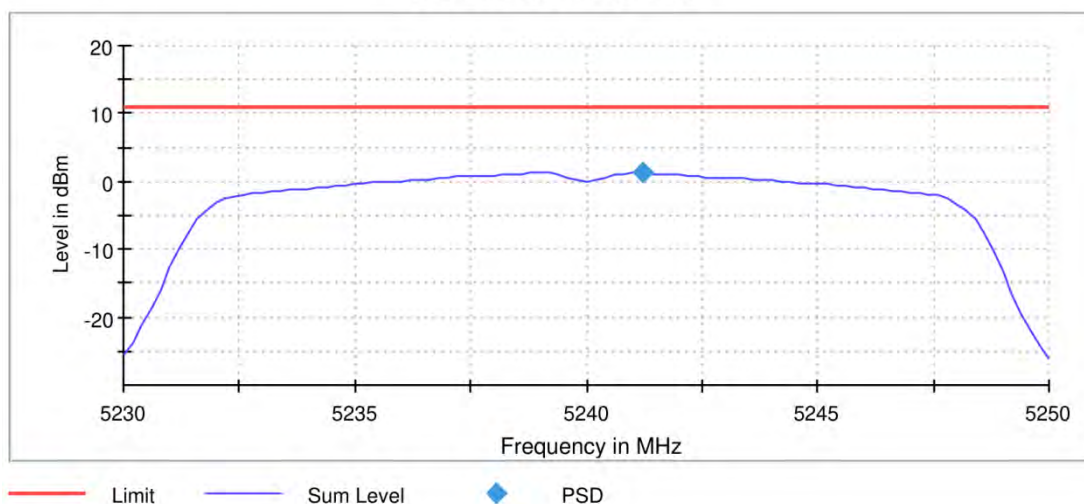
Power Spectral Density (SA-1)



11A_ANT8_5240

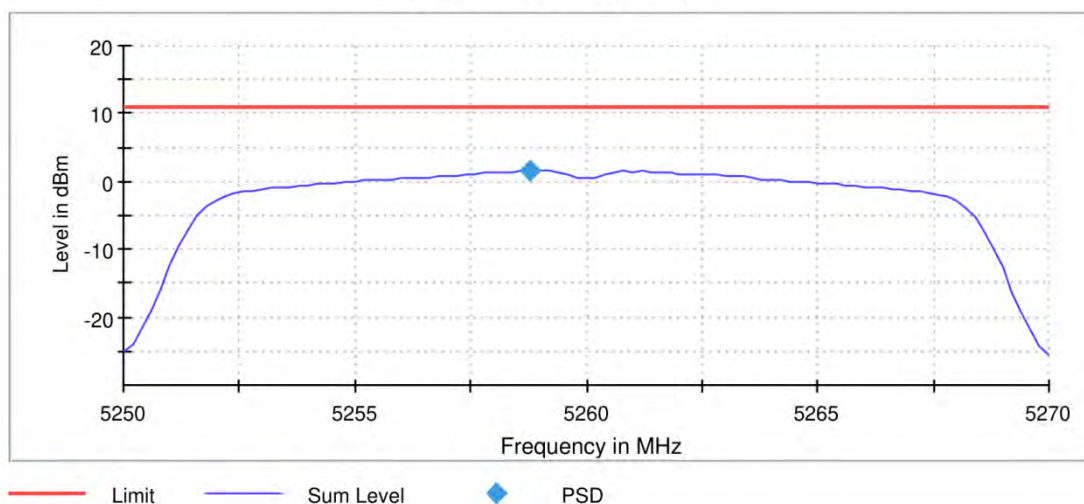


Power Spectral Density (SA-1)



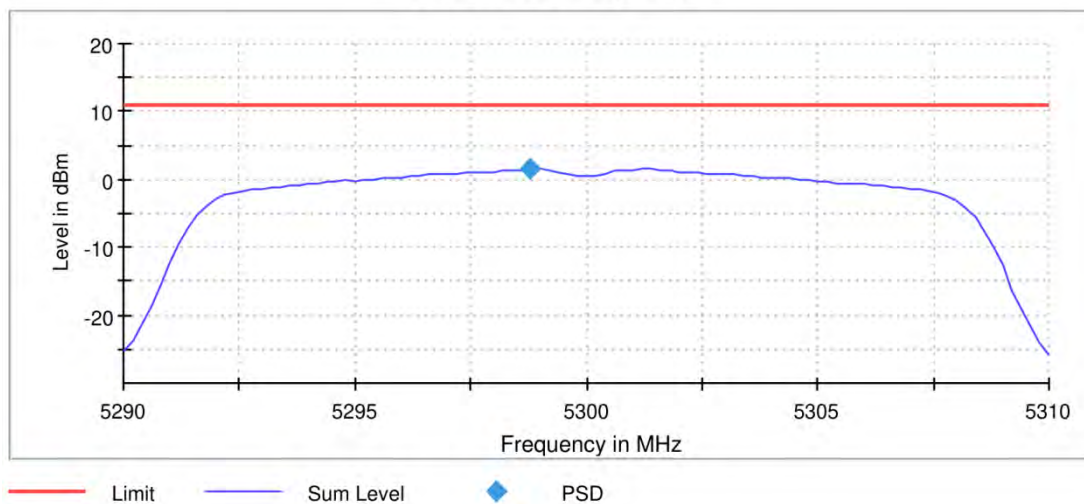
11A_ANT8_5260

Power Spectral Density (SA-1)



11A_ANT8_5300

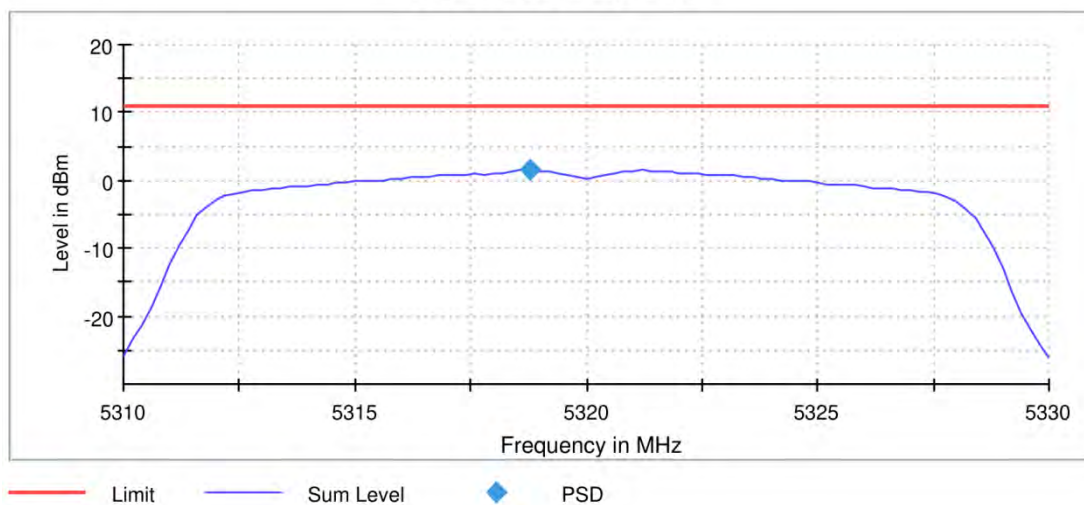
Power Spectral Density (SA-1)





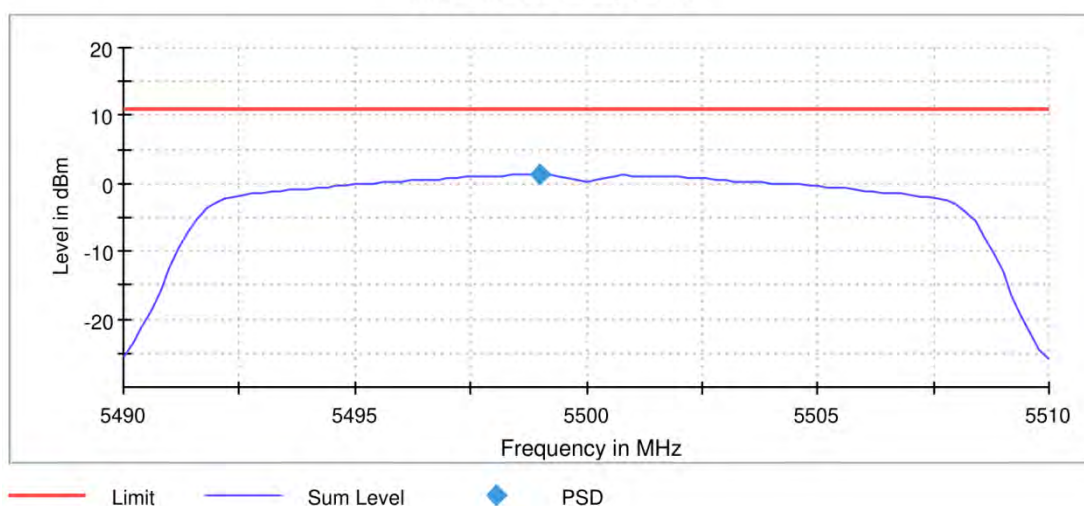
11A_ANT8_5320

Power Spectral Density (SA-1)



11A_ANT8_5500

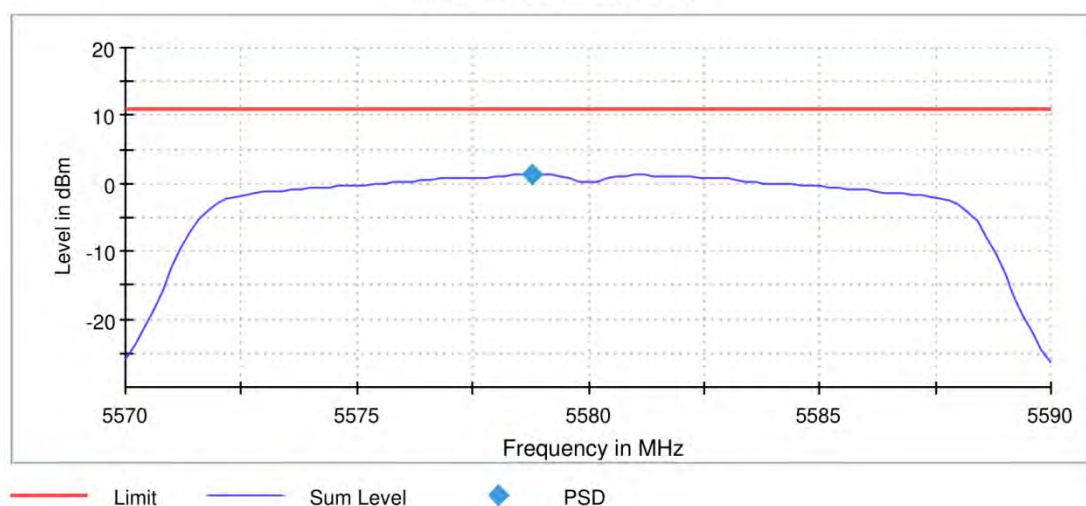
Power Spectral Density (SA-1)



11A_ANT8_5580

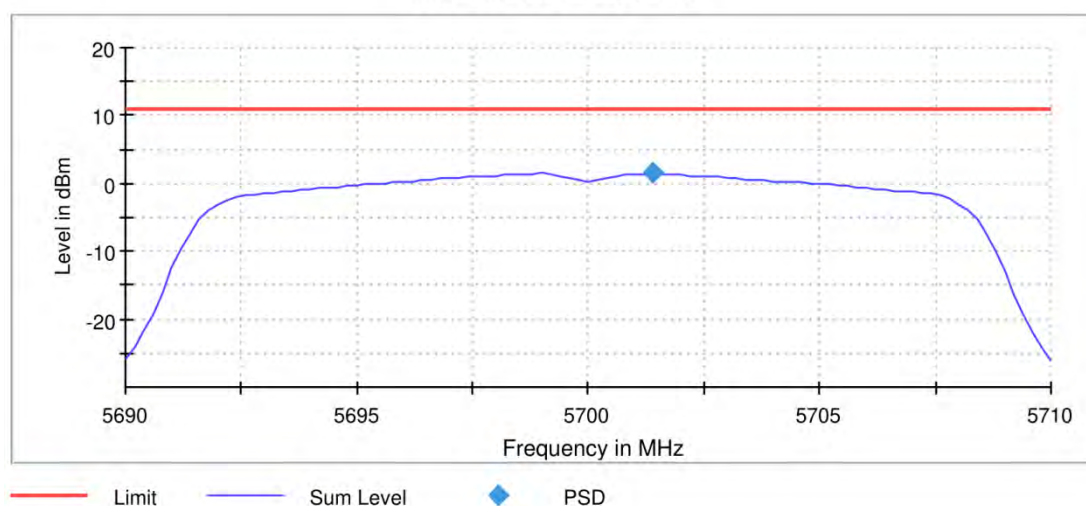


Power Spectral Density (SA-1)



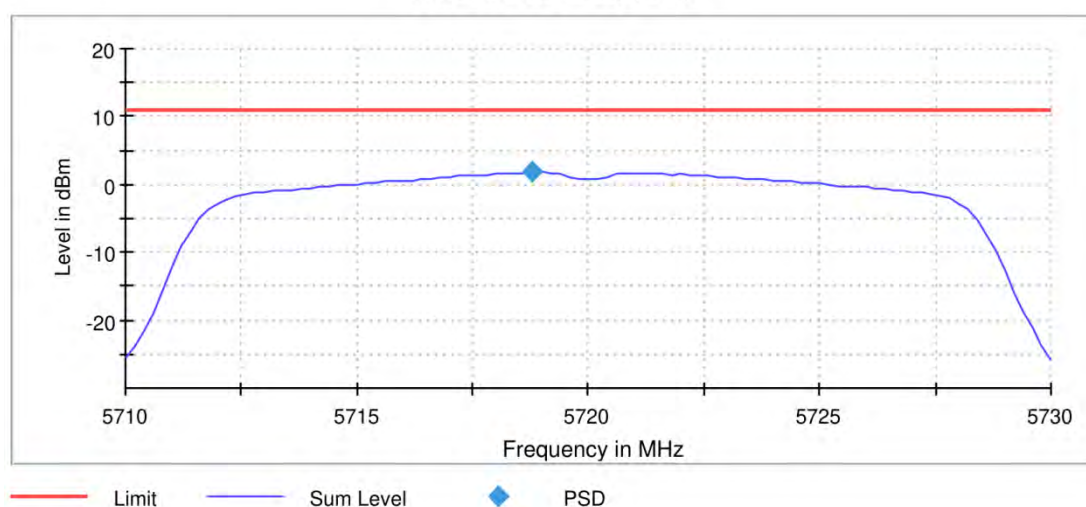
11A_ANT8_5700

Power Spectral Density (SA-1)



11A_ANT8_5720

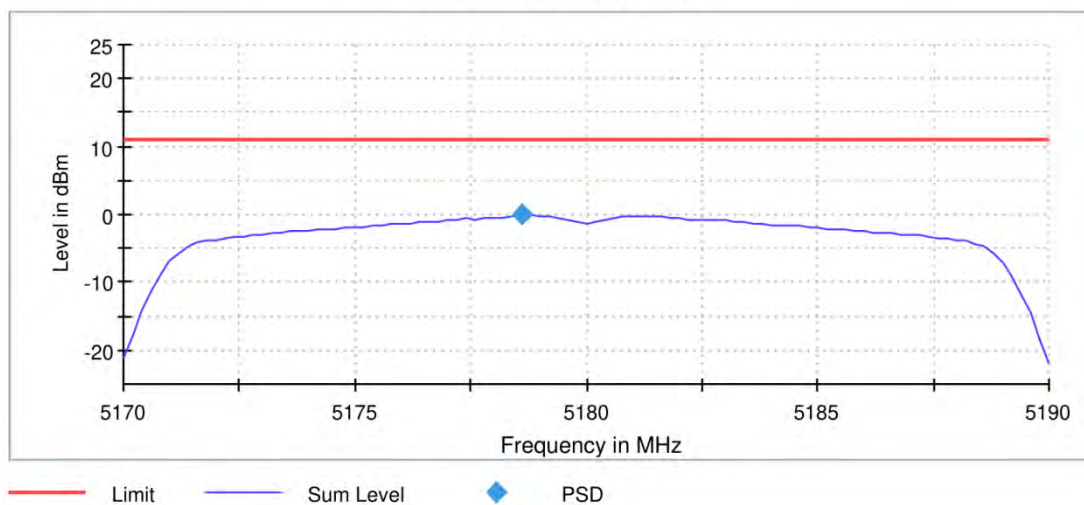
Power Spectral Density (SA-1)





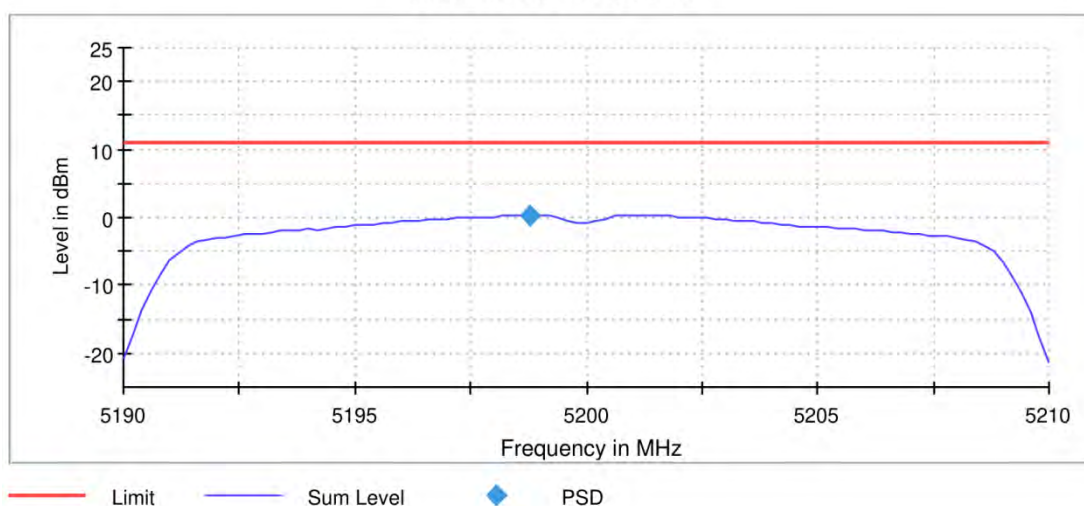
11N20_ANT8_5180

Power Spectral Density (SA-1)



11N20_ANT8_5200

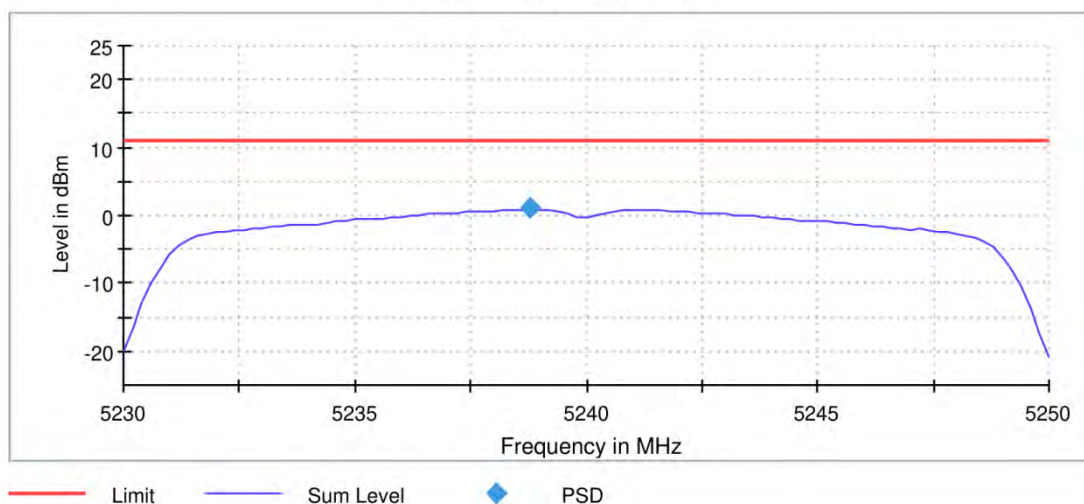
Power Spectral Density (SA-1)



11N20_ANT8_5240

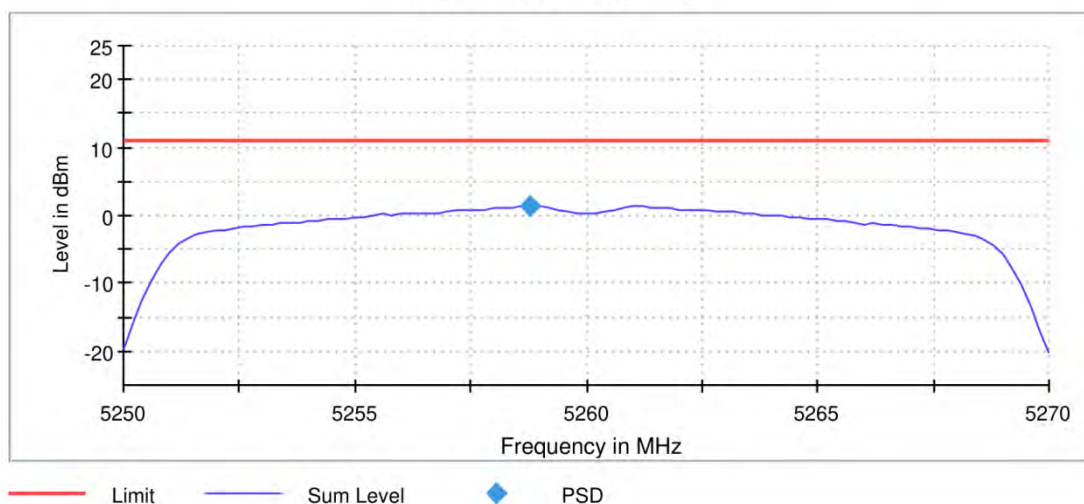


Power Spectral Density (SA-1)



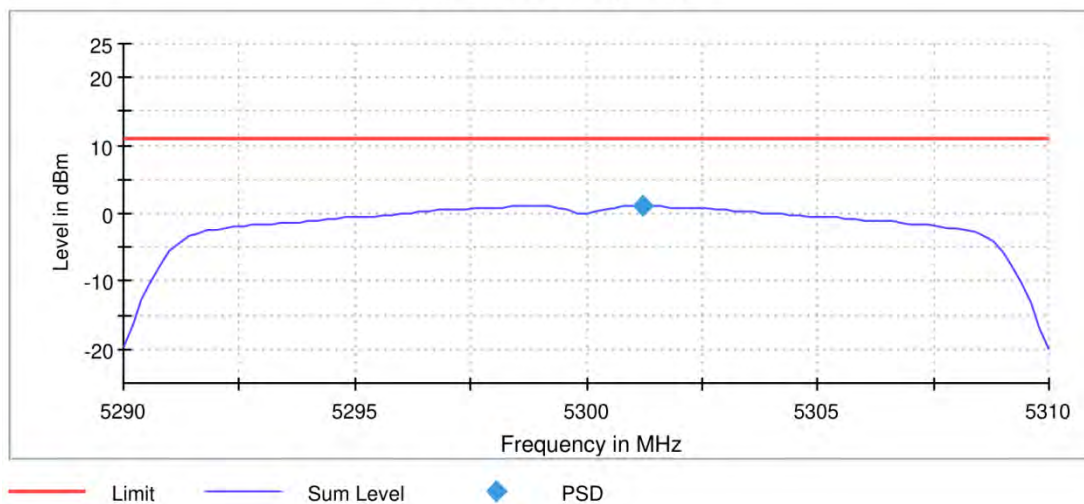
11N20_ANT8_5260

Power Spectral Density (SA-1)



11N20_ANT8_5300

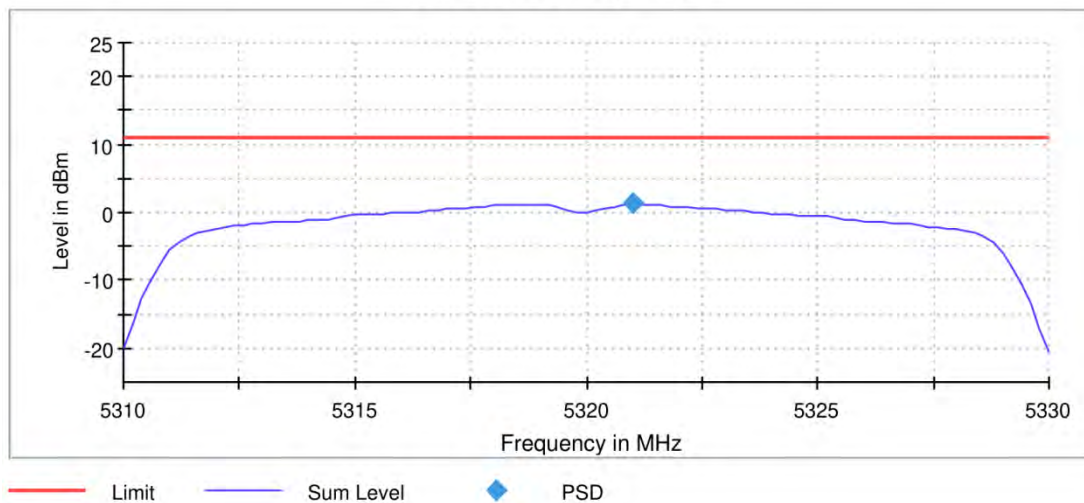
Power Spectral Density (SA-1)





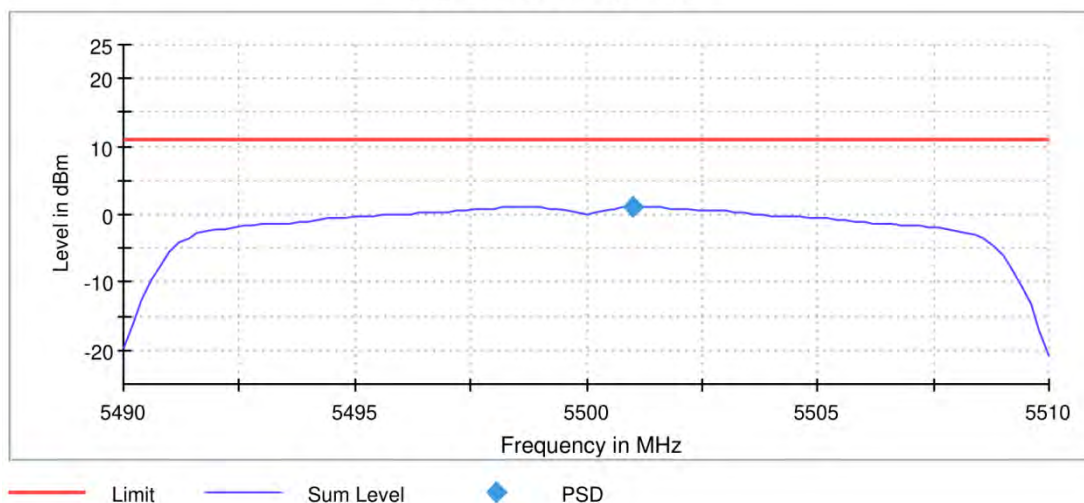
11N20_ANT8_5320

Power Spectral Density (SA-1)



11N20_ANT8_5500

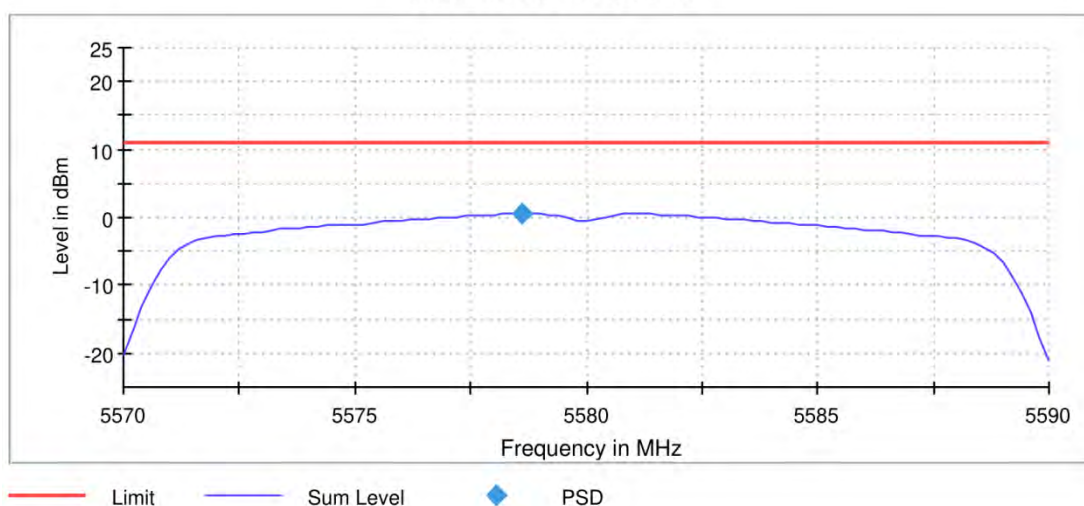
Power Spectral Density (SA-1)



11N20_ANT8_5580

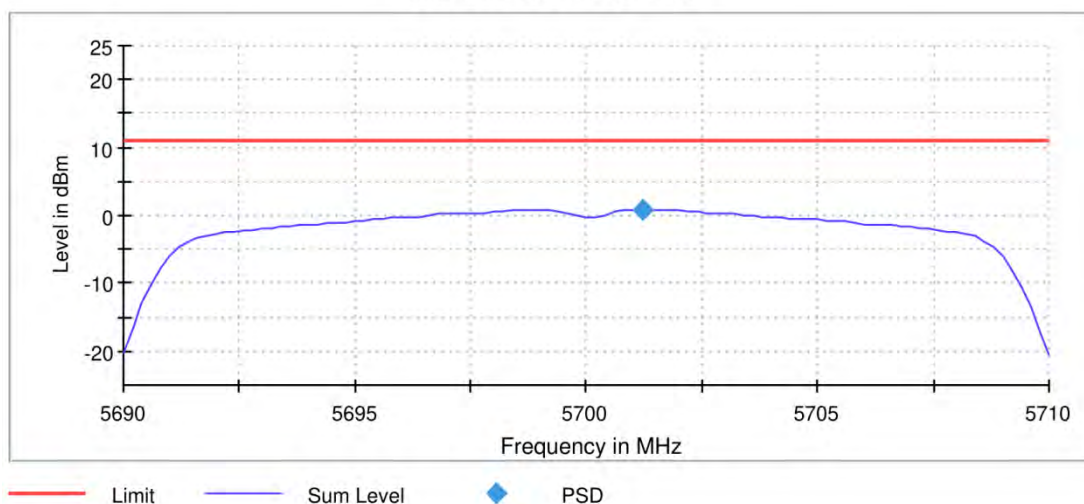


Power Spectral Density (SA-1)



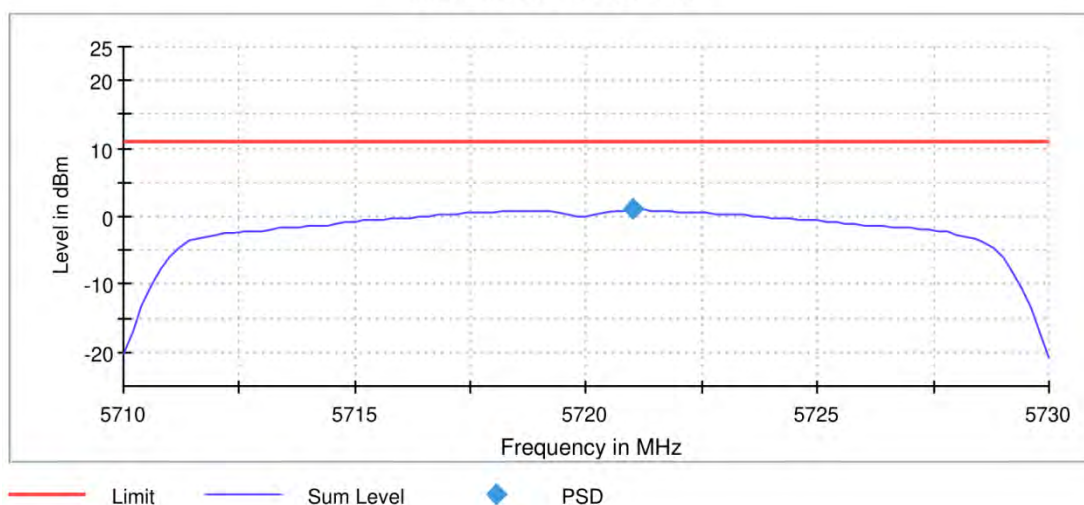
11N20_ANT8_5700

Power Spectral Density (SA-1)



11N20_ANT8_5720

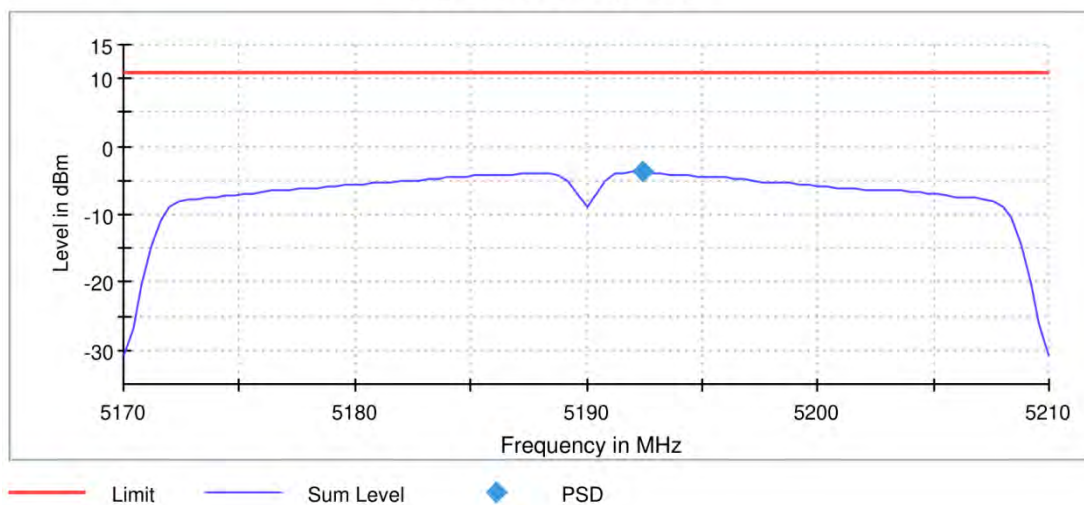
Power Spectral Density (SA-1)





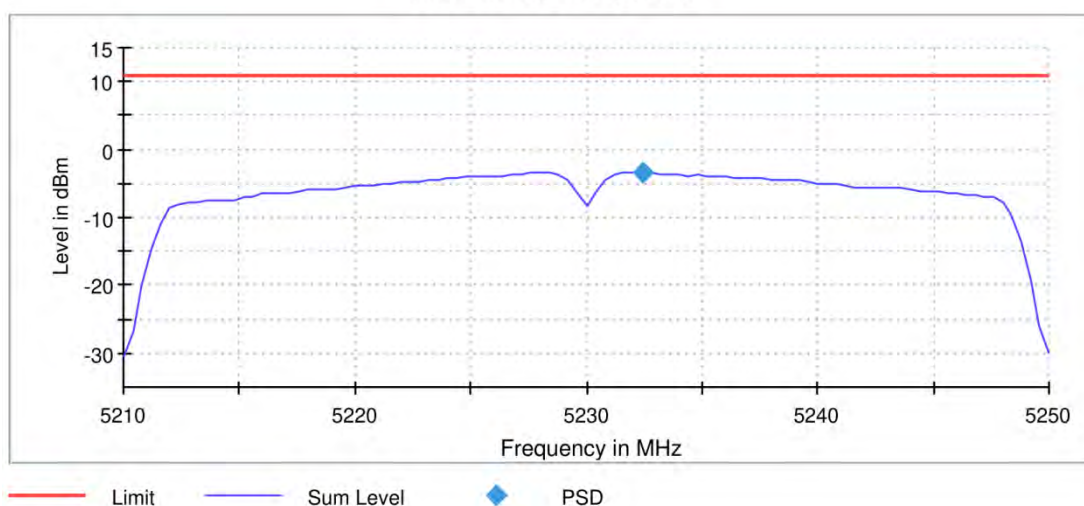
11N40_ANT8_5190

Power Spectral Density (SA-1)



11N40_ANT8_5230

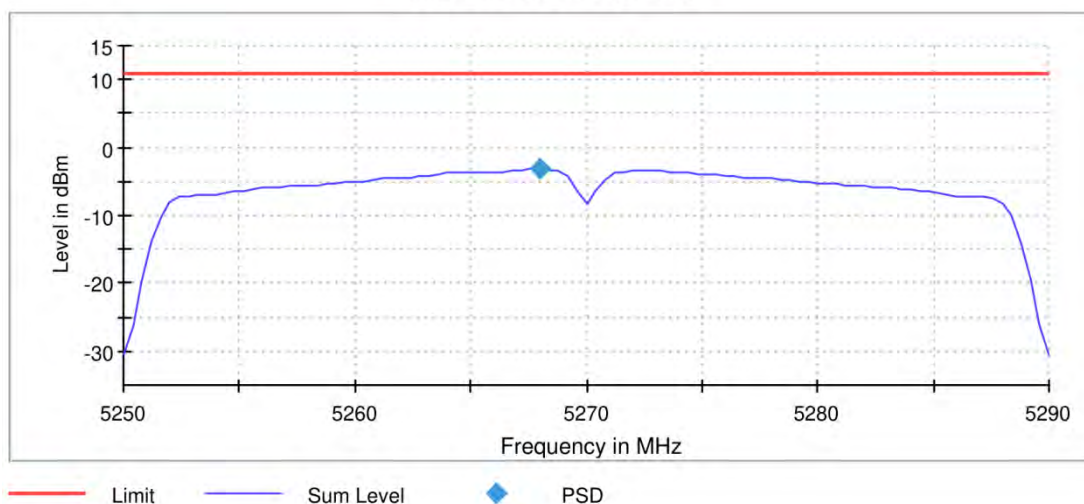
Power Spectral Density (SA-1)



11N40_ANT8_5270

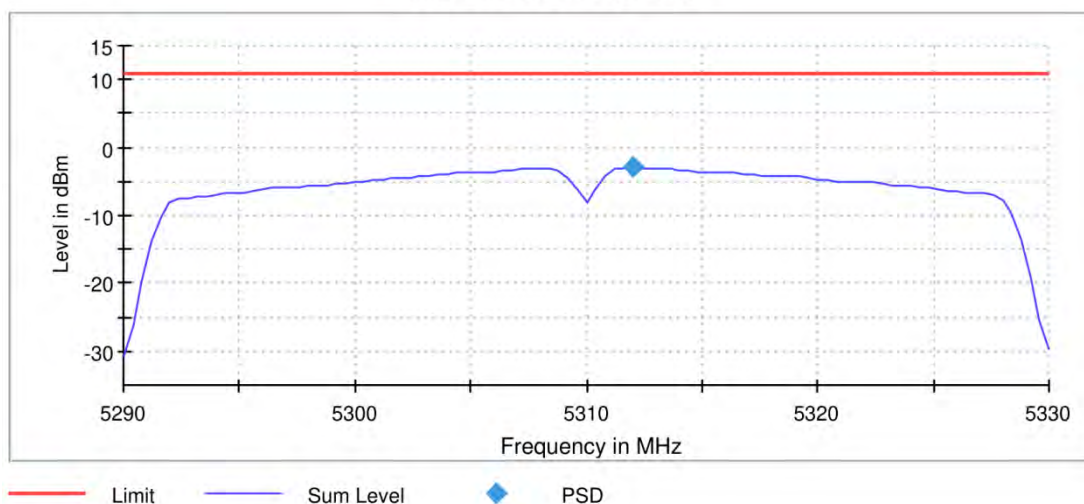


Power Spectral Density (SA-1)



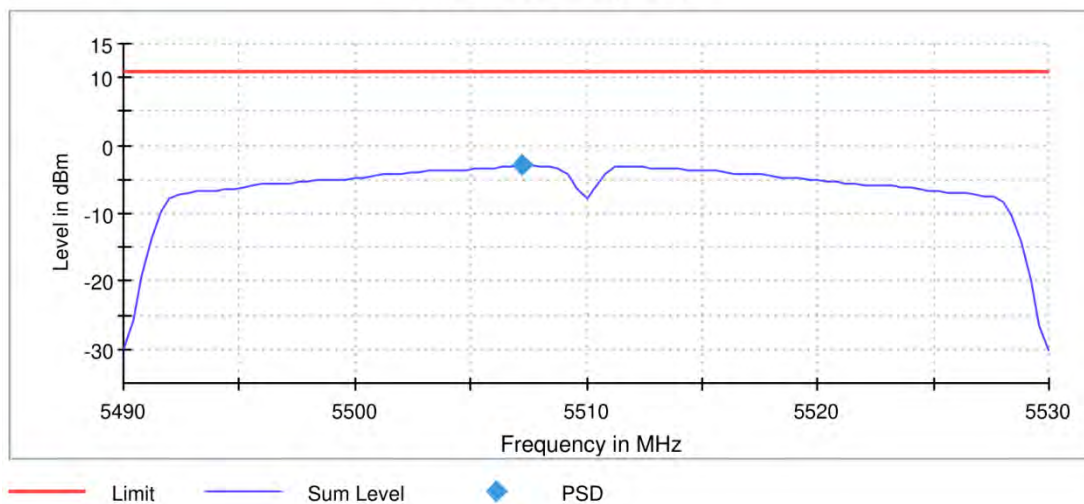
11N40_ANT8_5310

Power Spectral Density (SA-1)



11N40_ANT8_5510

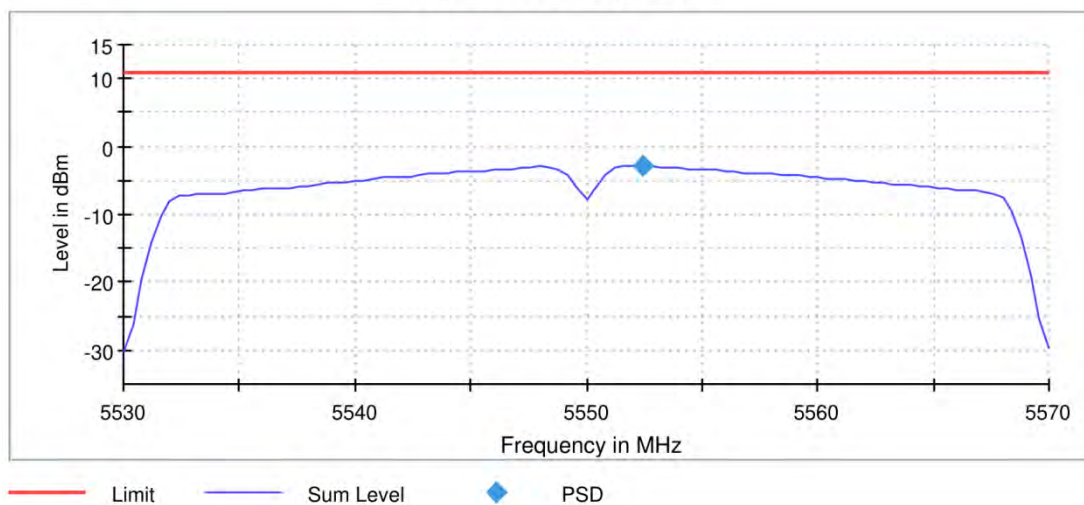
Power Spectral Density (SA-1)





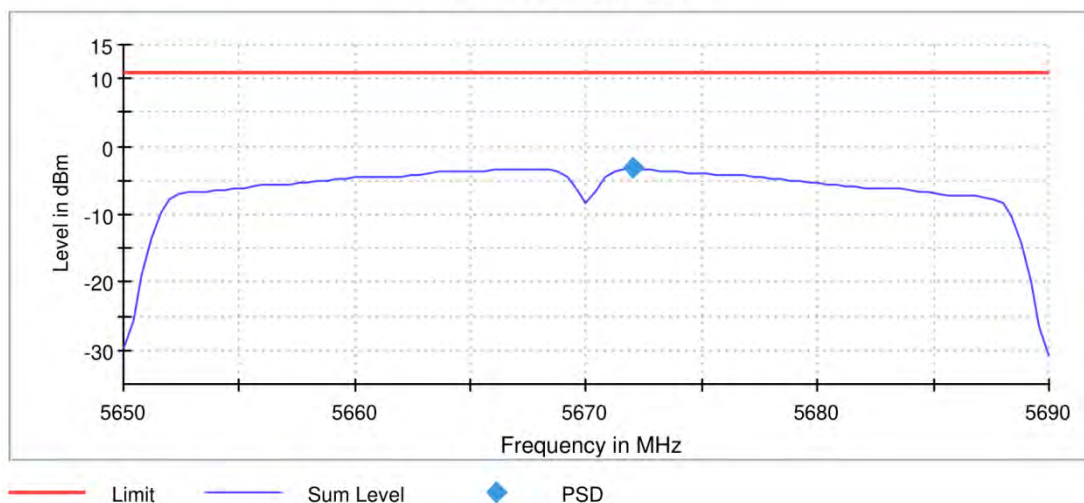
11N40_ANT8_5550

Power Spectral Density (SA-1)



11N40_ANT8_5670

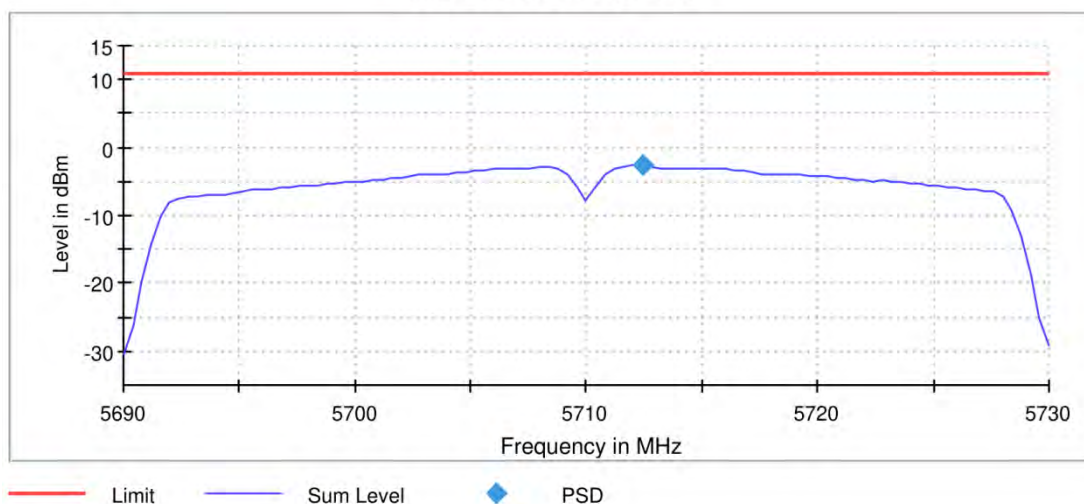
Power Spectral Density (SA-1)



11N40_ANT8_5710

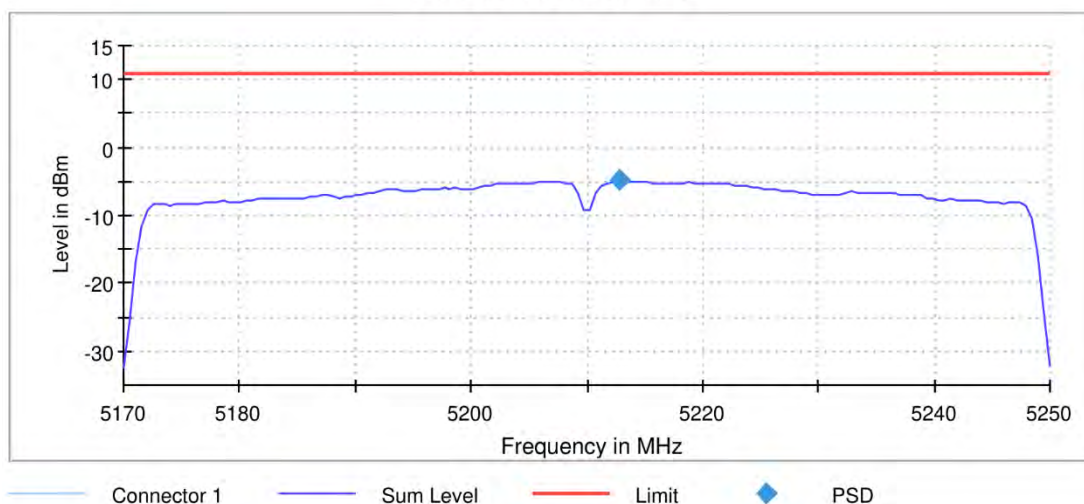


Power Spectral Density (SA-1)



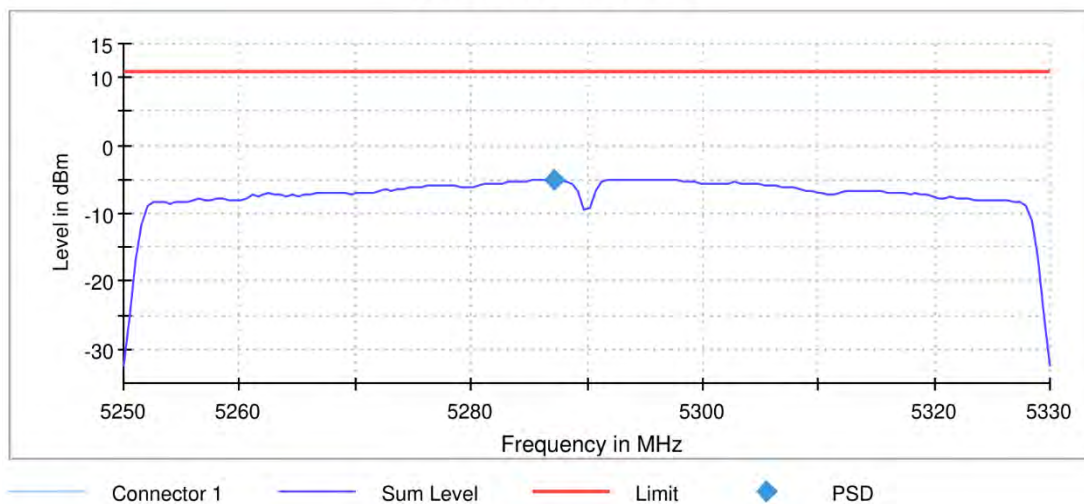
11AC80_ANT8_5210

Power Spectral Density (SA-1)



11AC80_ANT8_5290

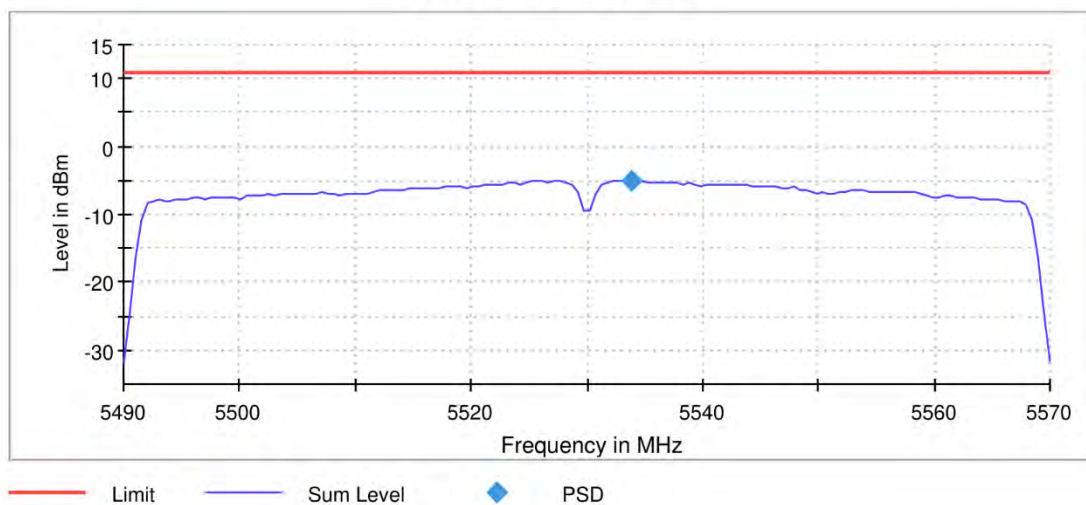
Power Spectral Density (SA-1)





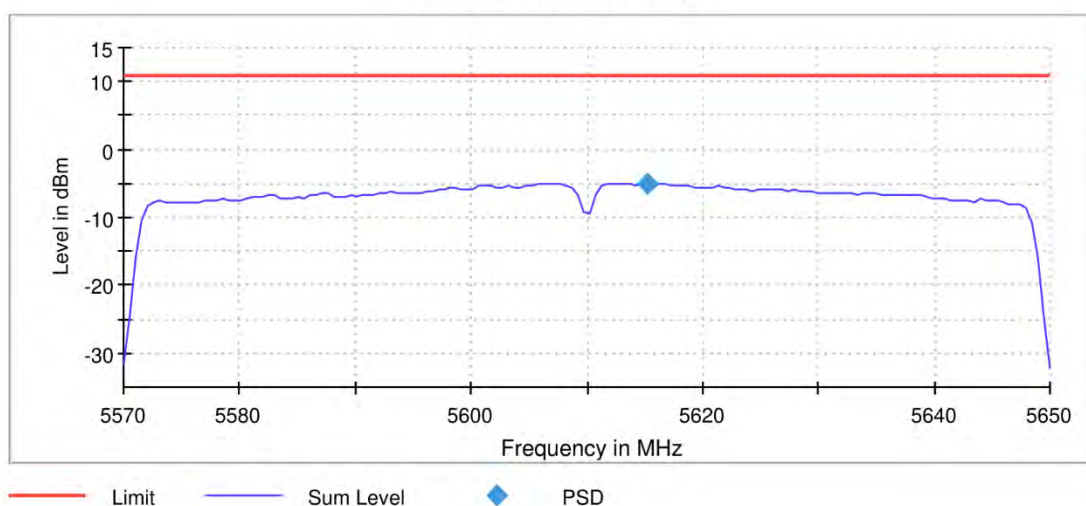
11AC80_ANT8_5530

Power Spectral Density (SA-1)

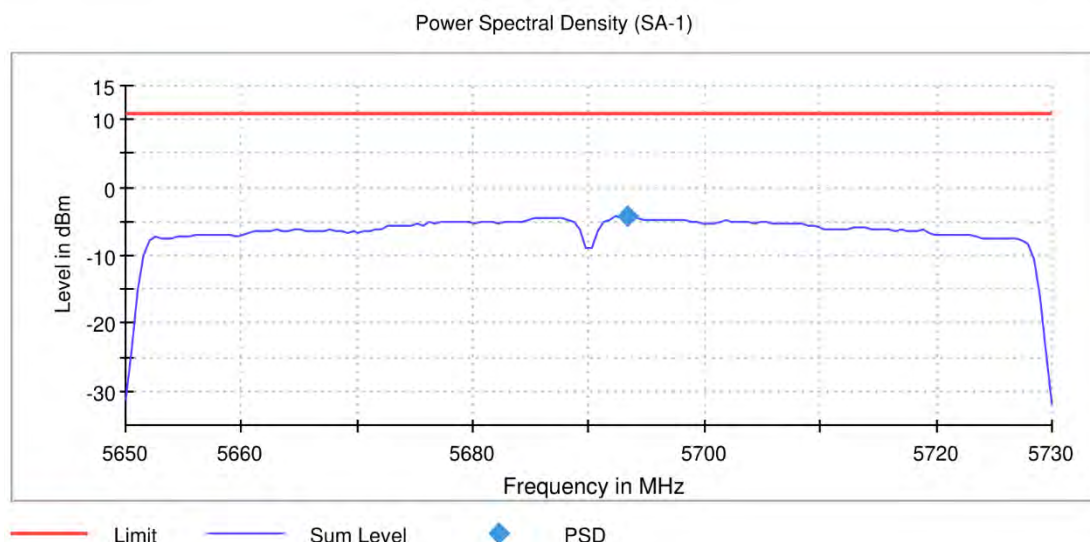


11AC80_ANT8_5610

Power Spectral Density (SA-1)



11AC80_ANT8_5690



20M

RBW 1.000 MHz

VBW 3.000 MHz

40M

RBW 1.000 MHz

VBW 3.000 MHz

80M

RBW 1.000 MHz

VBW 3.000 MHz

BAND4

20M

RBW 500.000 kHz

VBW 2.000 MHz

40M

RBW 500.000 kHz

VBW 2.000 MHz

80M

RBW 500.000 kHz

VBW 2.000 MHz

--END--