

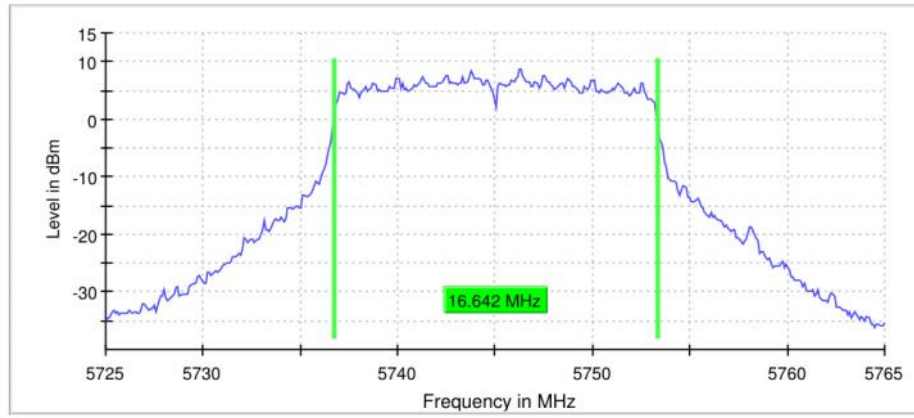


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VERITAS

Test Report No.: PSU-NQN2402040109RF07

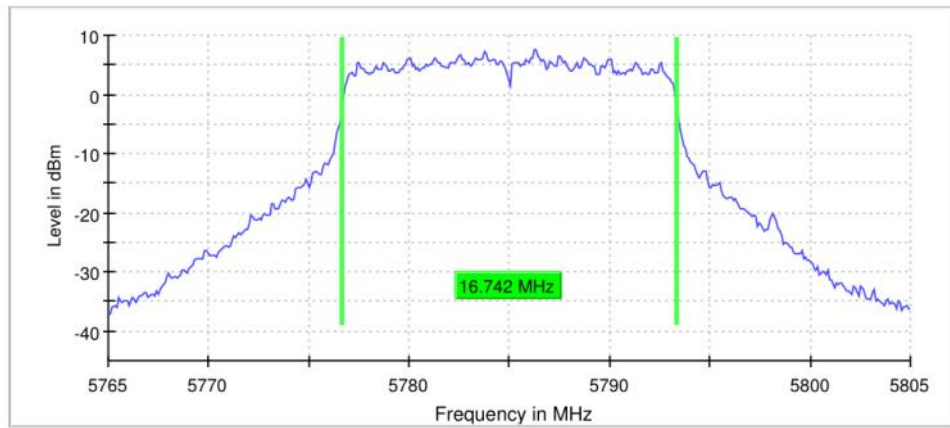
11A_Ant0_5745

99 % Bandwidth



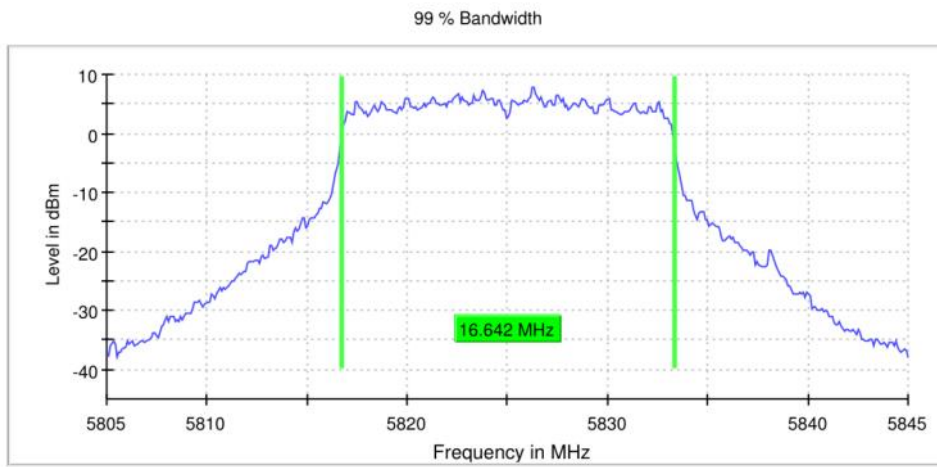
11A_Ant0_5785

99 % Bandwidth

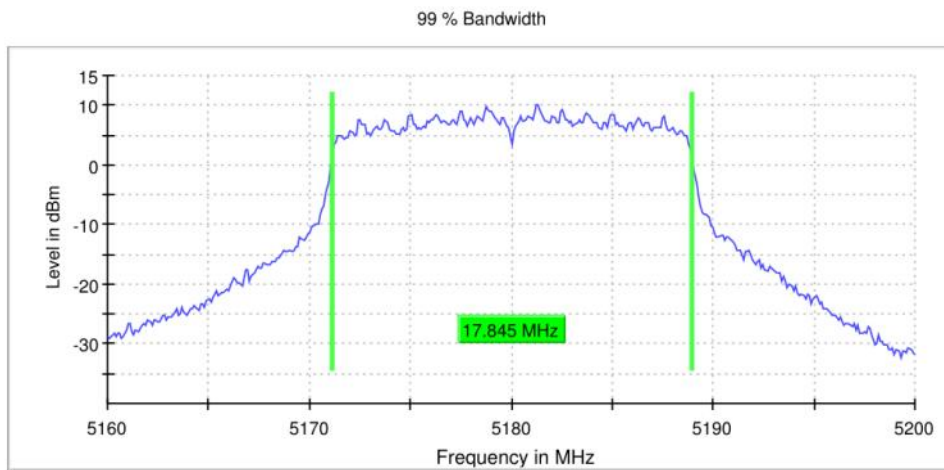




11A_Ant0_5825



11N20_Ant0_5180



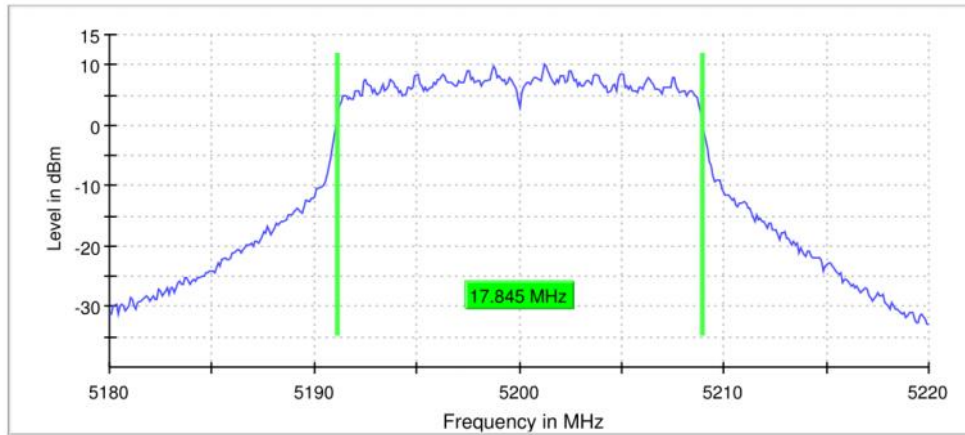


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VERITAS

Test Report No.: PSU-NQN2402040109RF07

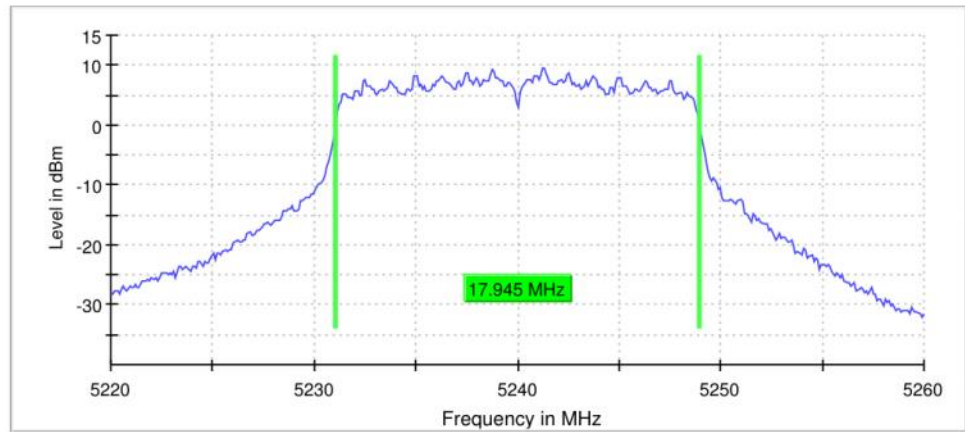
11N20_Ant0_5200

99 % Bandwidth



11N20_Ant0_5240

99 % Bandwidth



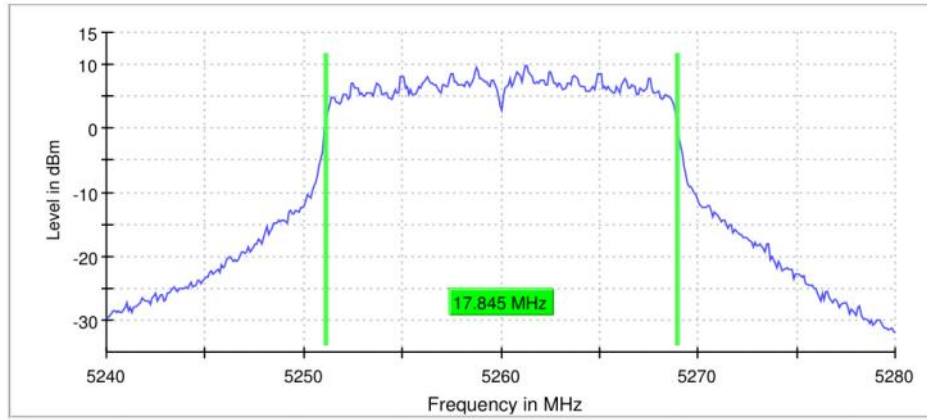


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VERITAS

Test Report No.: PSU-NQN2402040109RF07

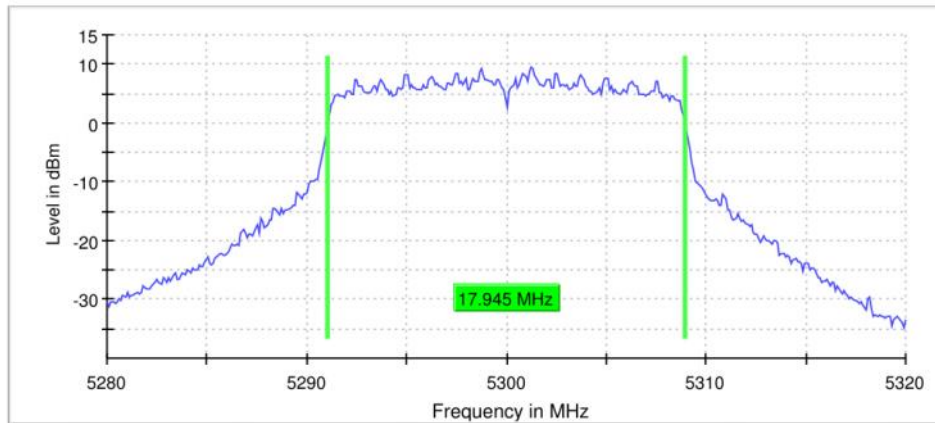
11N20_Ant0_5260

99 % Bandwidth



11N20_Ant0_5300

99 % Bandwidth



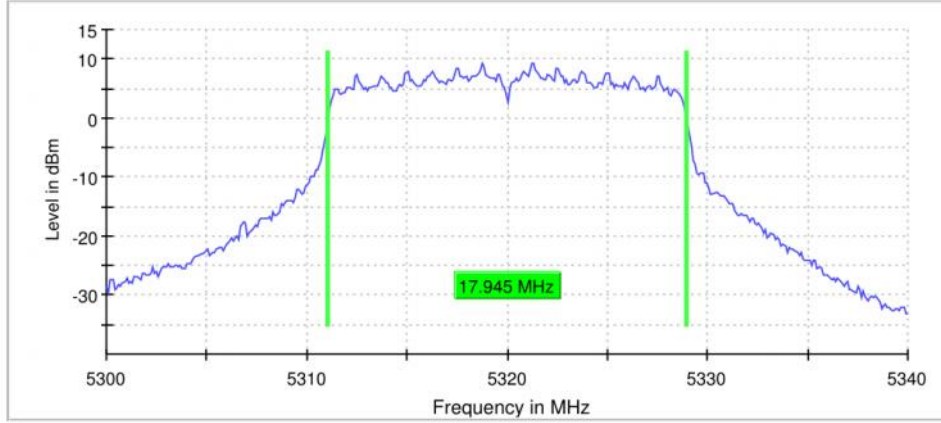


BUREAU
VERITAS

Test Report No.: PSU-NQN2402040109RF07

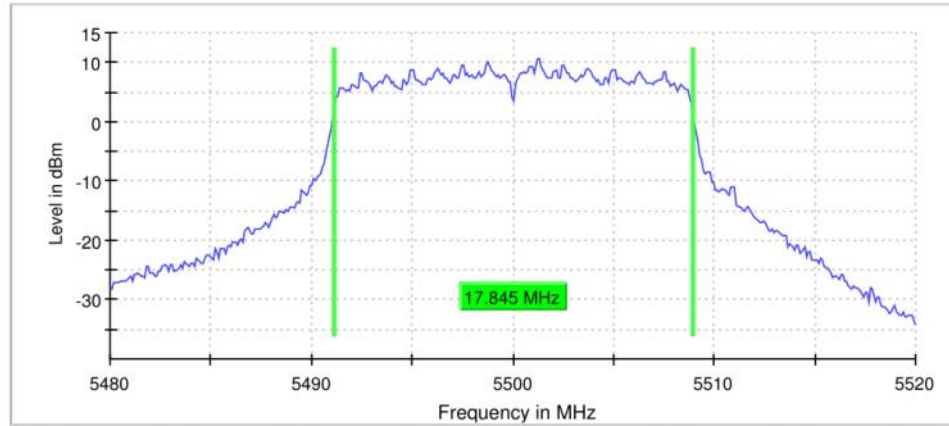
11N20_Ant0_5320

99 % Bandwidth



11N20_Ant0_5500

99 % Bandwidth

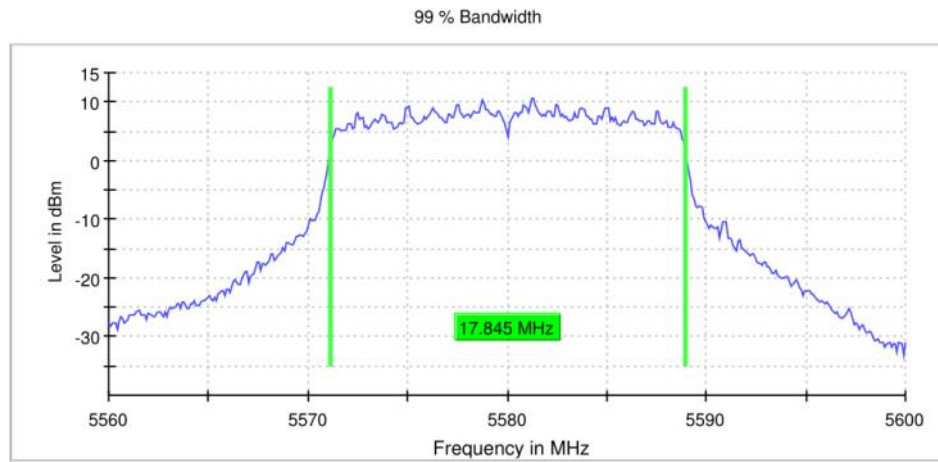




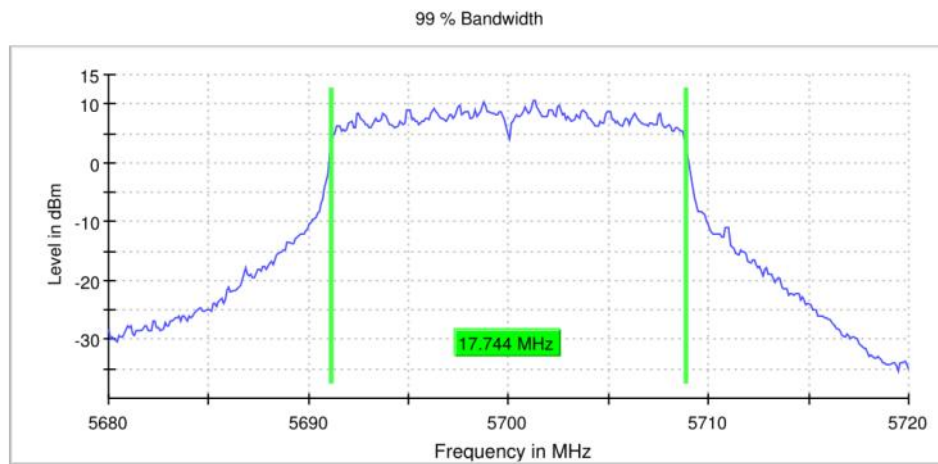
BUREAU
VERITAS

Test Report No.: PSU-NQN2402040109RF07

11N20_Ant0_5580



11N20_Ant0_5700

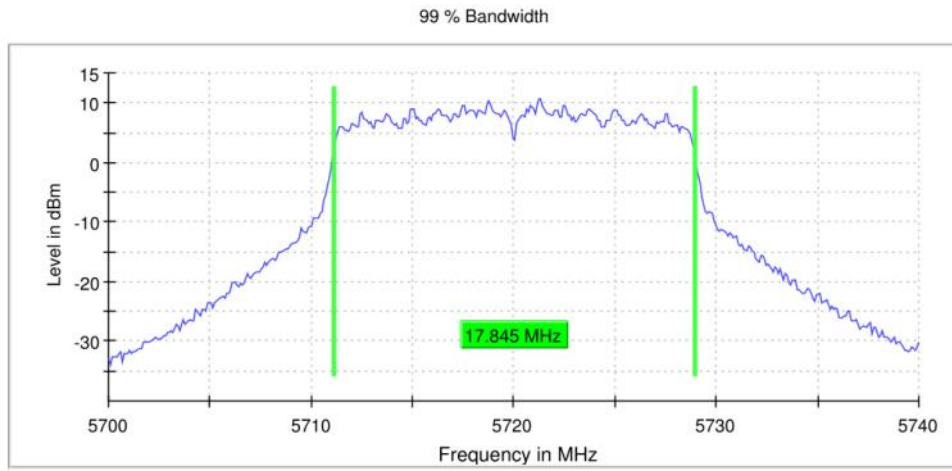




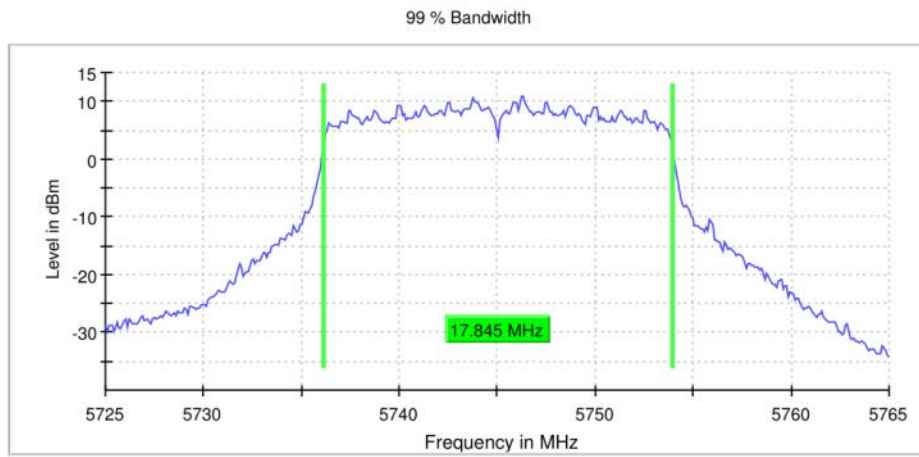
BUREAU
VERITAS

Test Report No.: PSU-NQN2402040109RF07

11N20_Ant0_5720



11N20_Ant0_5745



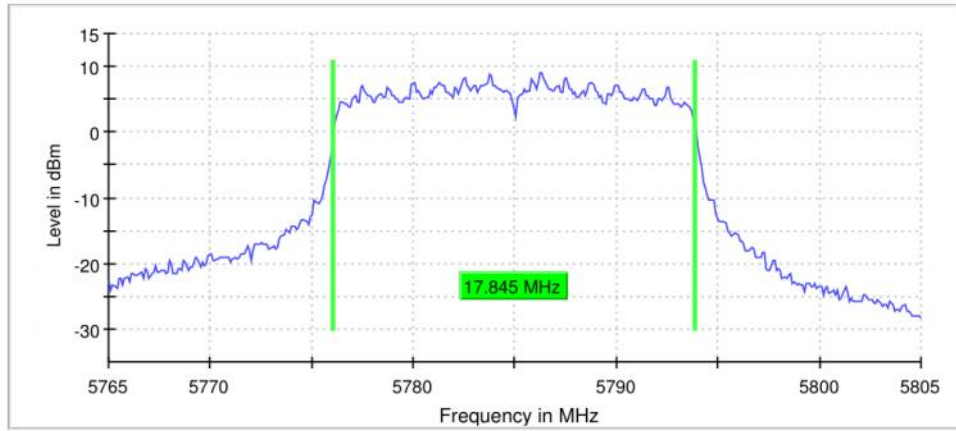


BUREAU
VERITAS

Test Report No.: PSU-NQN2402040109RF07

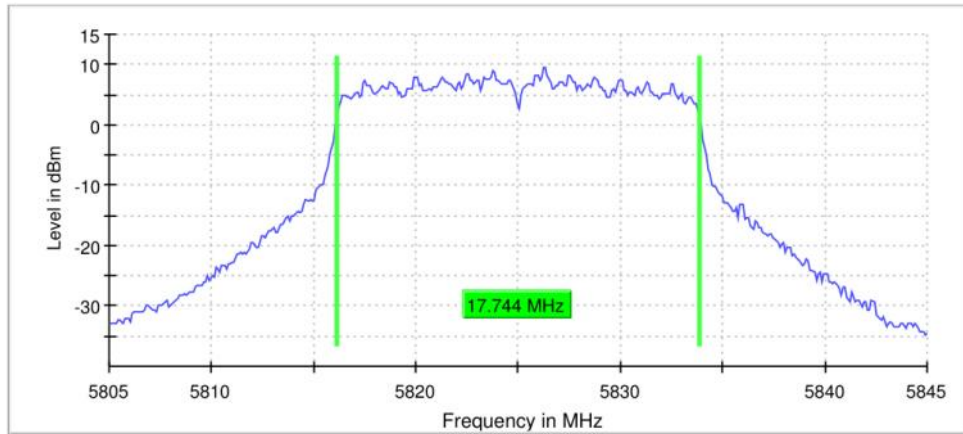
11N20_Ant0_5785

99 % Bandwidth



11N20_Ant0_5825

99 % Bandwidth

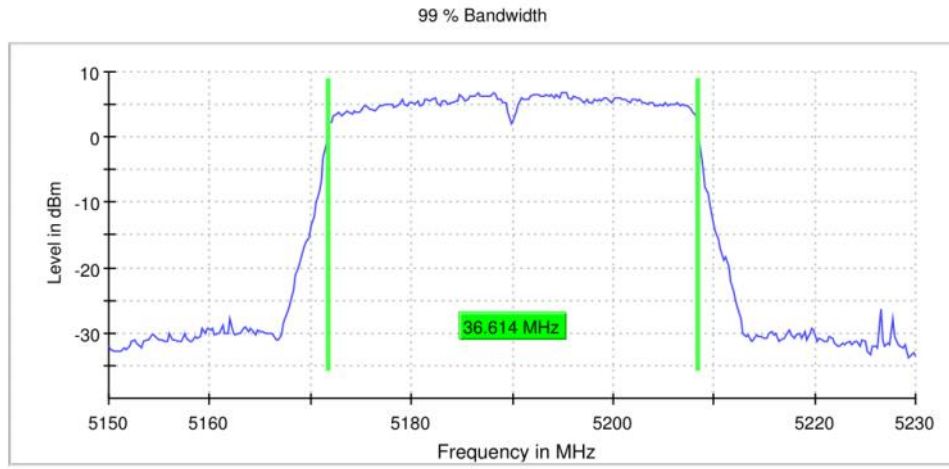




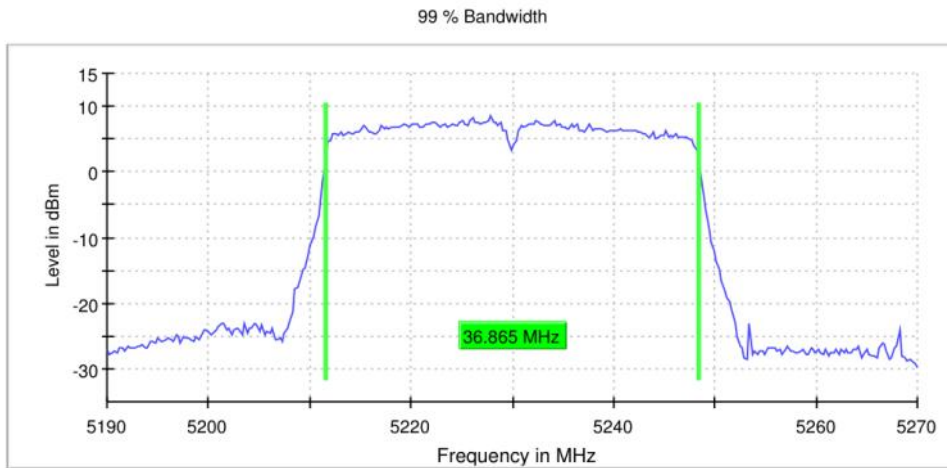
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VERITAS

Test Report No.: PSU-NQN2402040109RF07

11N40_Ant0_5190



11N40_Ant0_5230



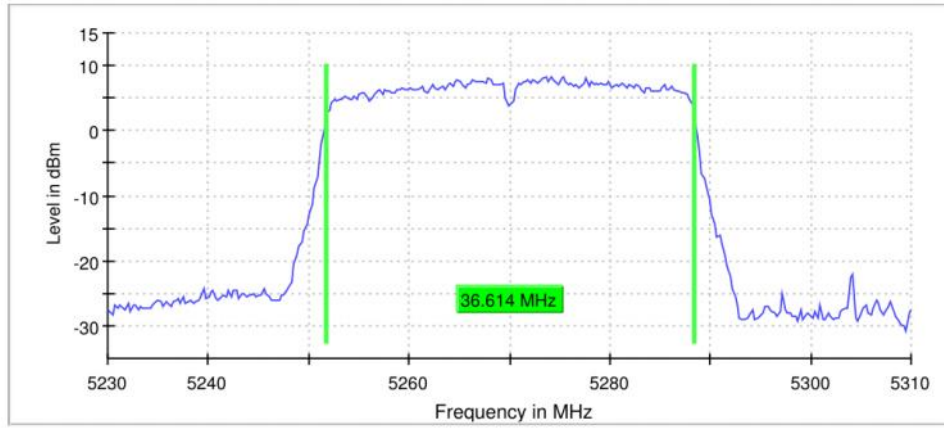


BUREAU
VERITAS

Test Report No.: PSU-NQN2402040109RF07

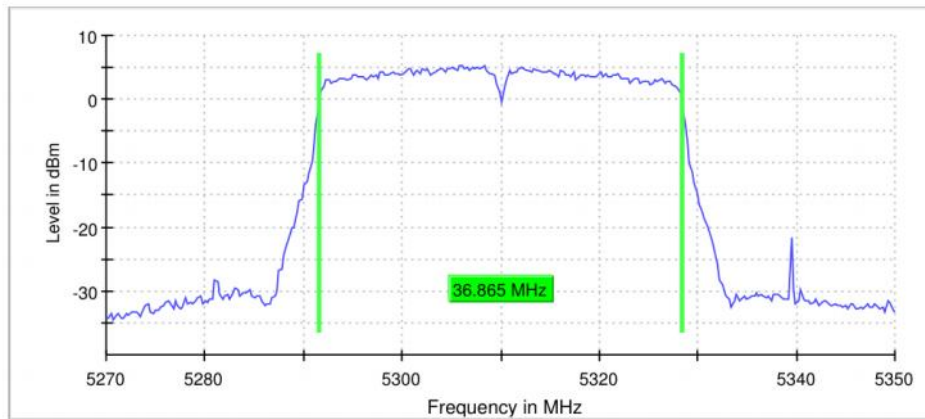
11N40_Ant0_5270

99 % Bandwidth



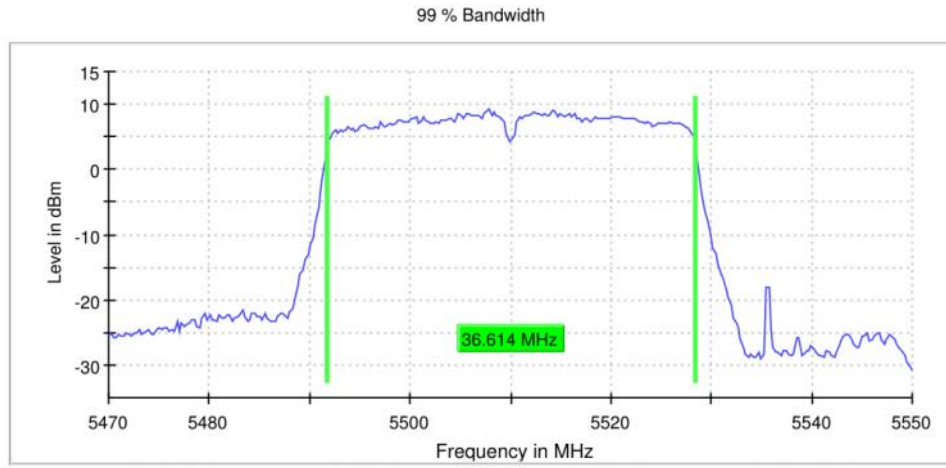
11N40_Ant0_5310

99 % Bandwidth

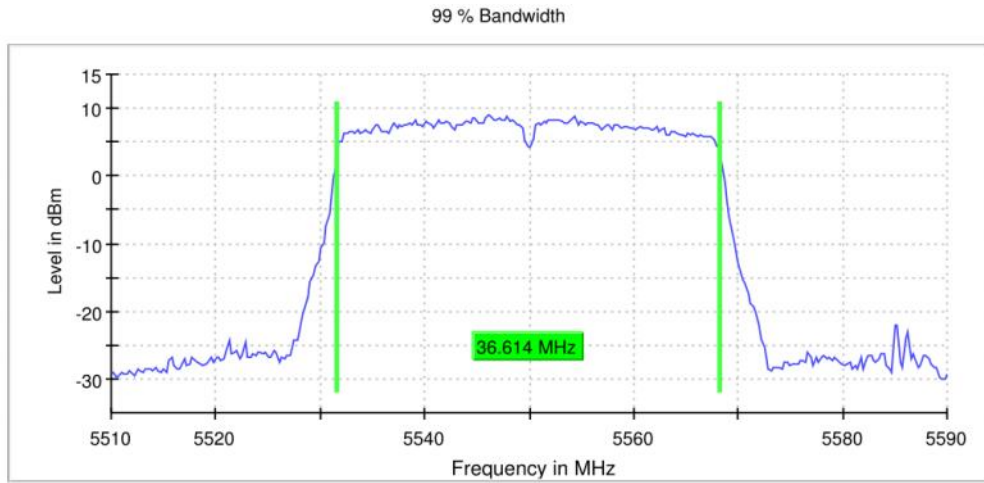




11N40_Ant0_5510



11N40_Ant0_5550

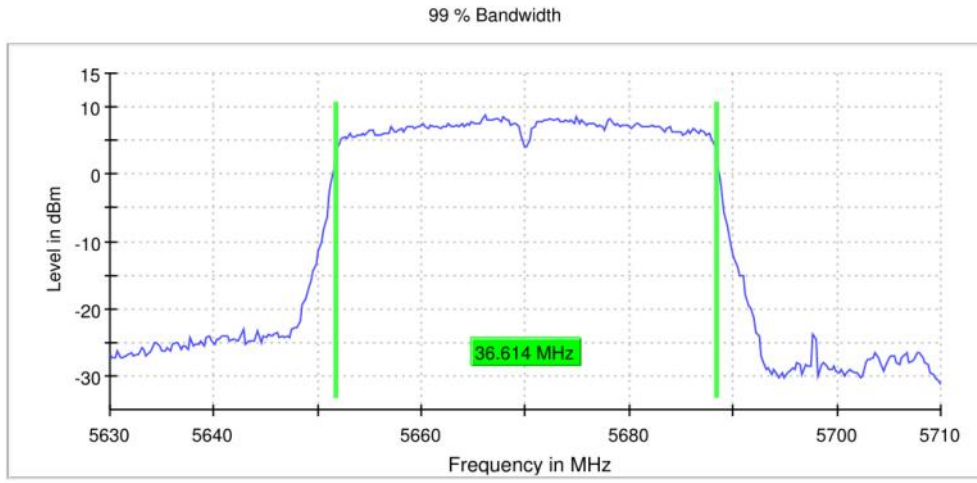




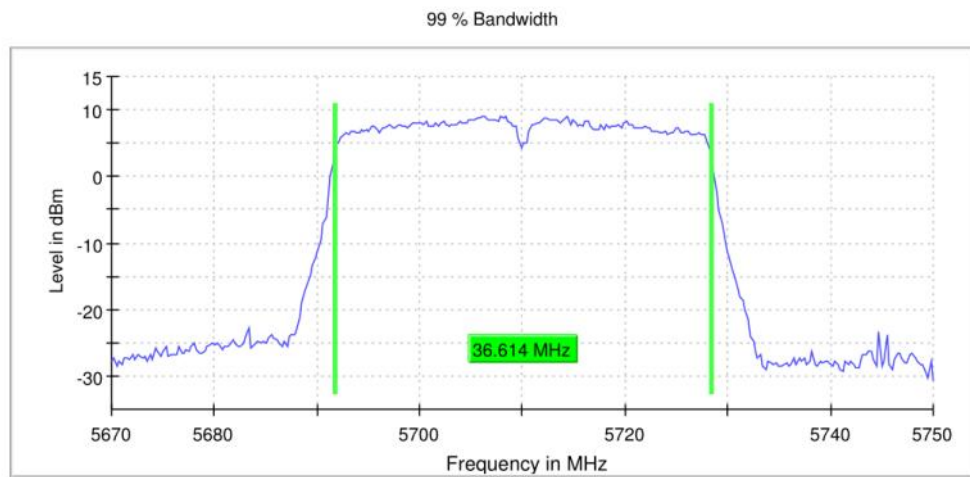
BUREAU
VERITAS

Test Report No.: PSU-NQN2402040109RF07

11N40_Ant0_5670

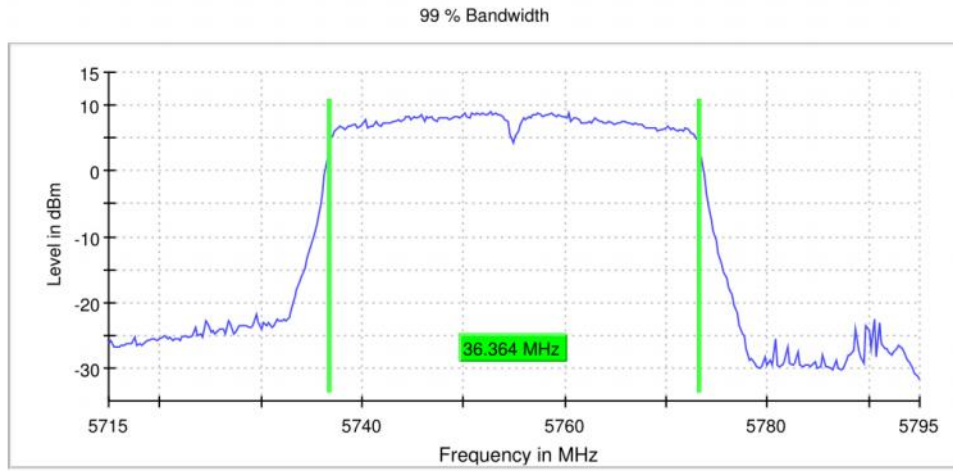


11N40_Ant0_5710

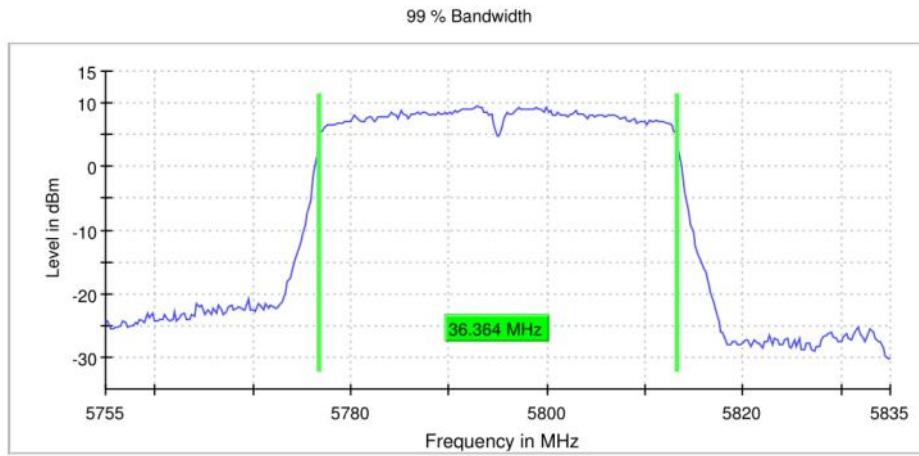




11N40_Ant0_5755



11N40_Ant0_5795



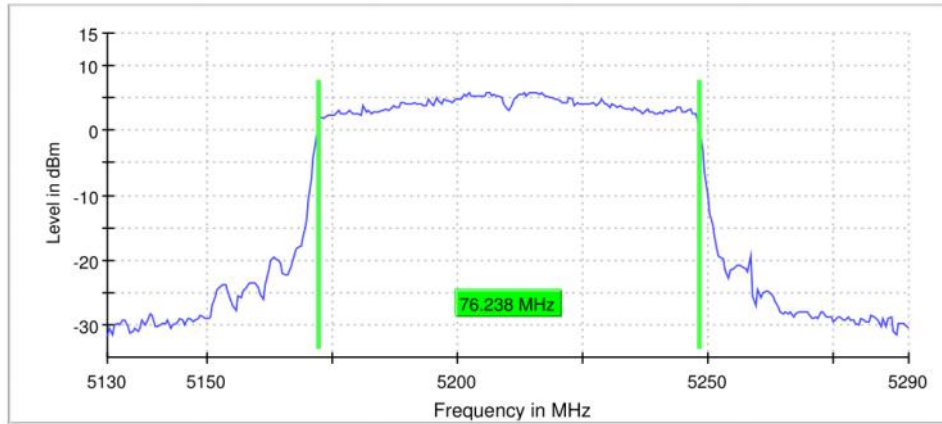


BUREAU
VERITAS

Test Report No.: PSU-NQN2402040109RF07

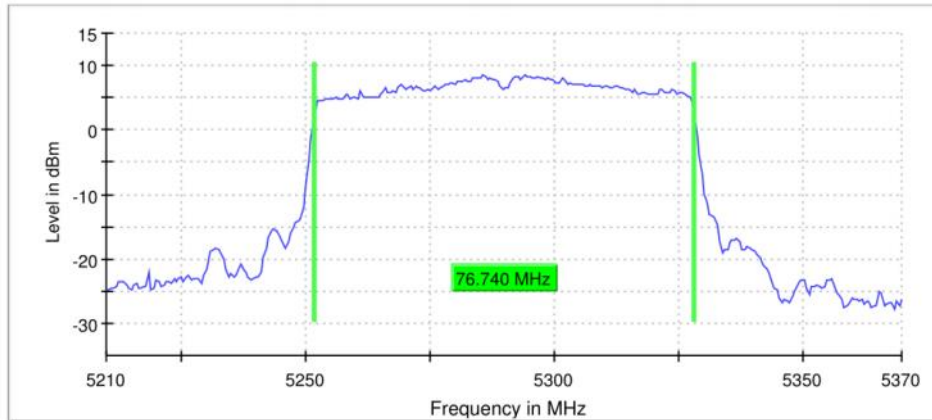
11AC80_Ant0_5210

99 % Bandwidth



11AC80_Ant0_5290

99 % Bandwidth

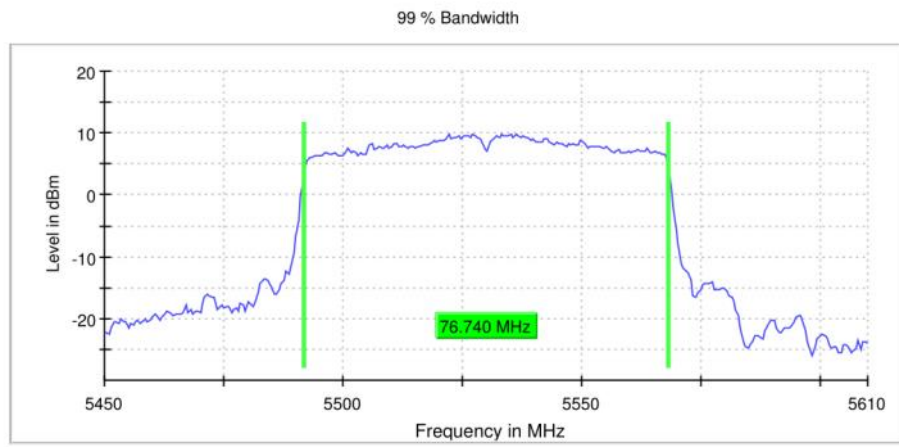




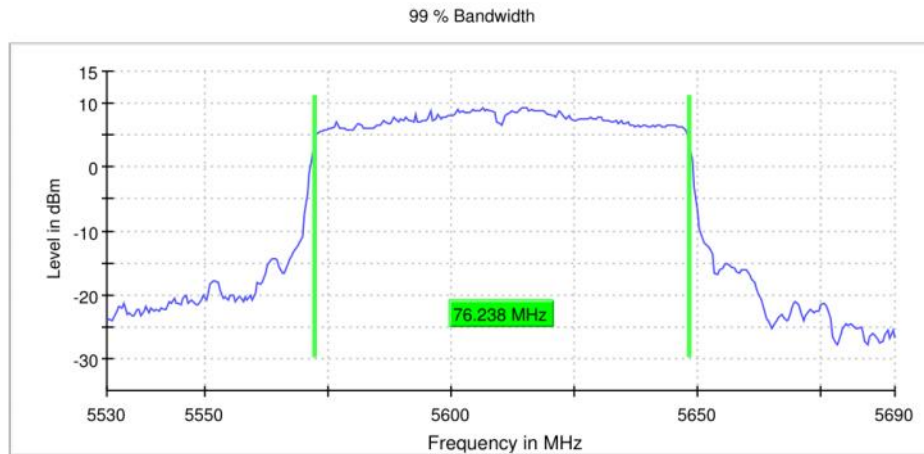
BUREAU
VERITAS

Test Report No.: PSU-NQN2402040109RF07

11AC80_Ant0_5530



11AC80_Ant0_5610



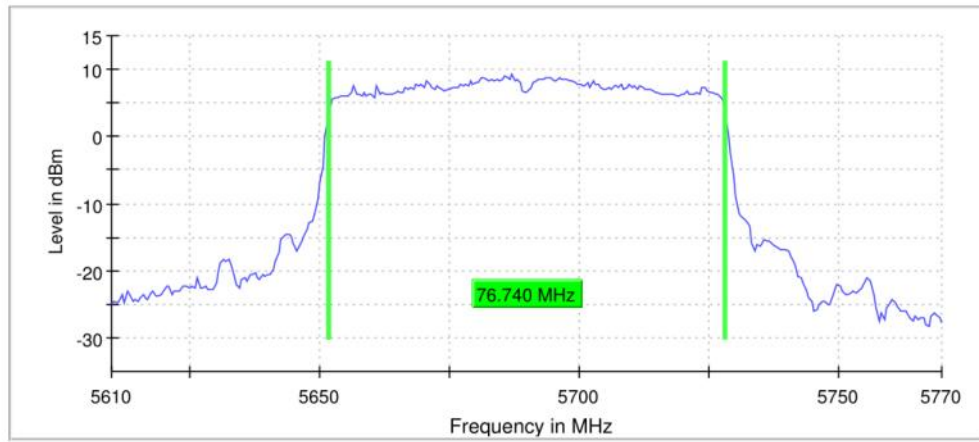


BUREAU
VERITAS

Test Report No.: PSU-NQN2402040109RF07

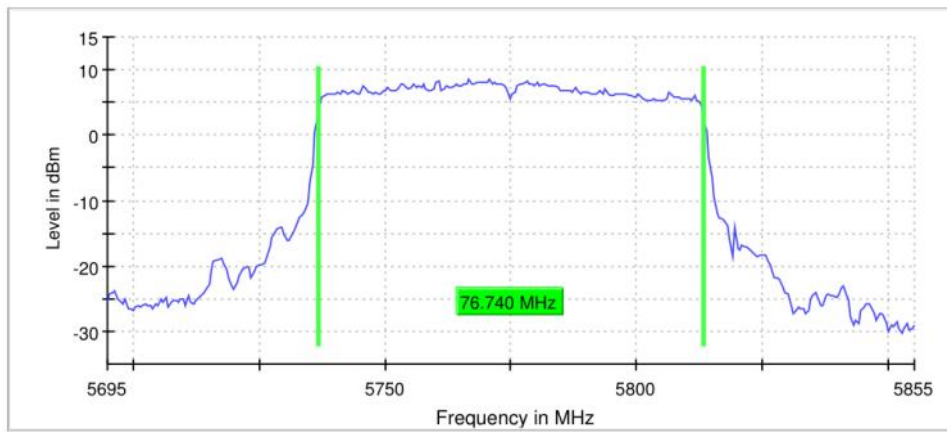
11AC80_Ant0_5690

99 % Bandwidth



11AC80_Ant0_5775

99 % Bandwidth





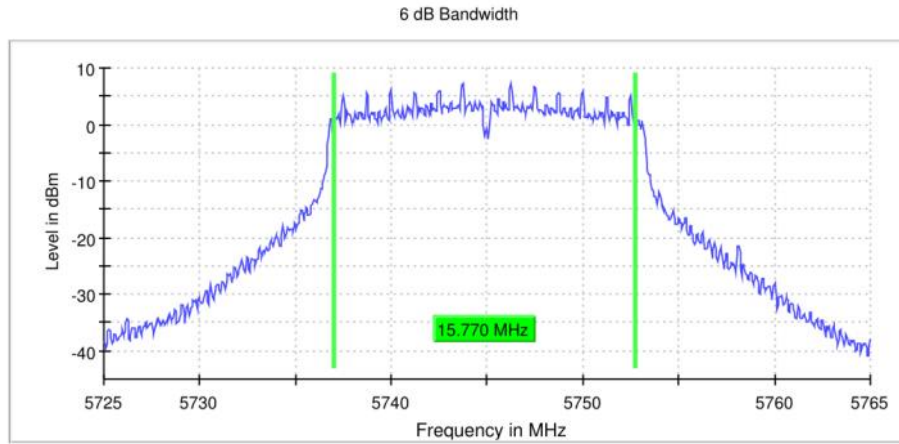
MIN EMISSION BANDWIDTH

TEST RESULT B4

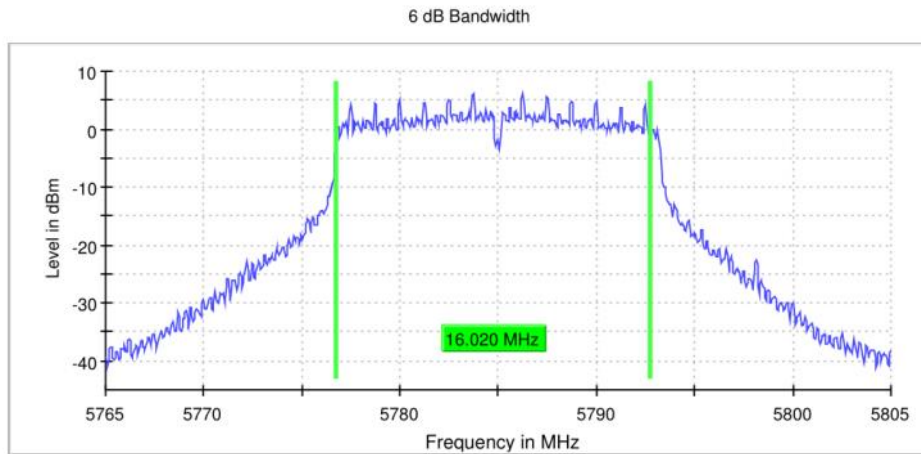
TestMode	Antenna	Frequency [MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5745	15.770	5737.015	5752.785	0.5	PASS
	Ant0	5785	16.020	5776.765	5792.785	0.5	PASS
	Ant0	5825	15.770	5817.015	5832.785	0.5	PASS
11N20-SISO	Ant0	5745	16.671	5736.765	5753.436	0.5	PASS
	Ant0	5785	15.269	5777.365	5792.634	0.5	PASS
	Ant0	5825	16.170	5816.765	5832.935	0.5	PASS
11N40-SISO	Ant0	5755	35.922	5737.064	5772.986	0.5	PASS
	Ant0	5795	36.173	5777.064	5813.237	0.5	PASS
11AC80-SISO	Ant0	5775	75.424	5737.213	5812.637	0.5	PASS

TEST GRAPHS B4

11A _Ant0_5745



11A _Ant0_5785



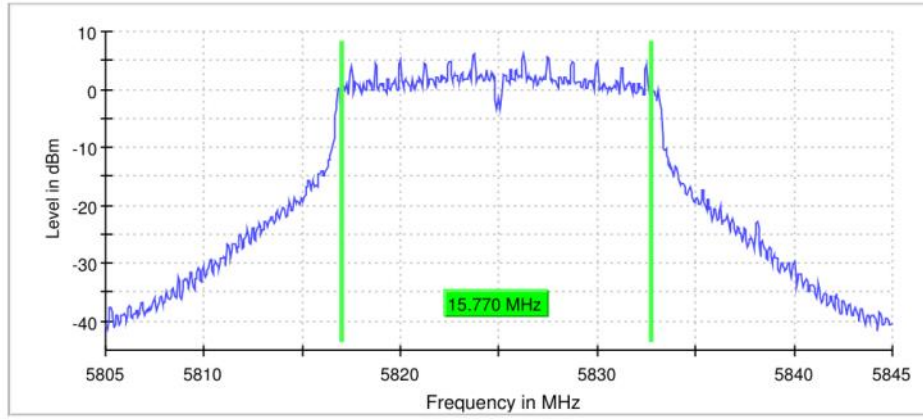


BUREAU
VERITAS

Test Report No.: PSU-NQN2402040109RF07

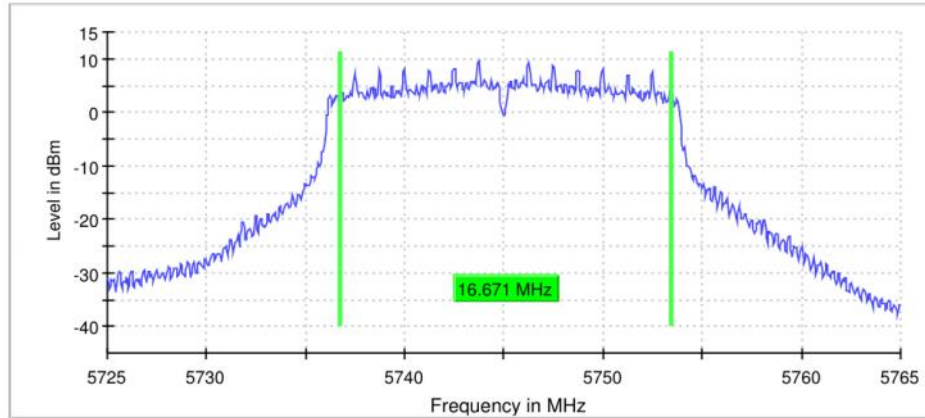
11A_Ant0_5825

6 dB Bandwidth



11N20_Ant0_5745

6 dB Bandwidth



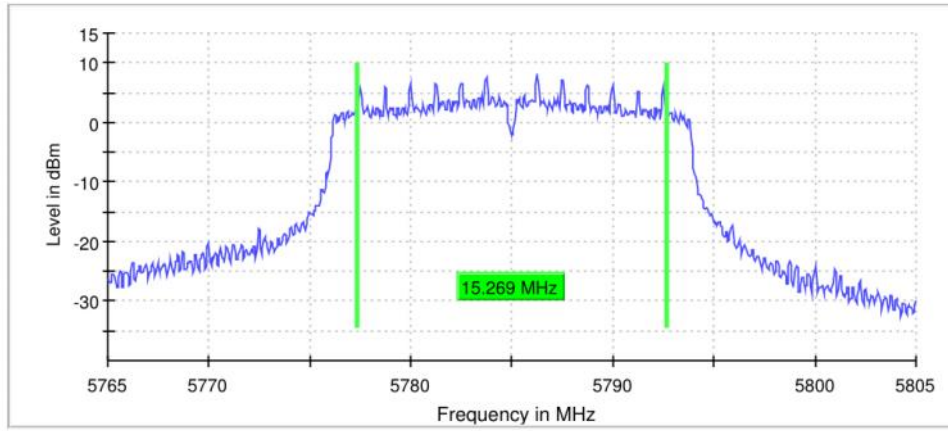


BUREAU
VERITAS

Test Report No.: PSU-NQN2402040109RF07

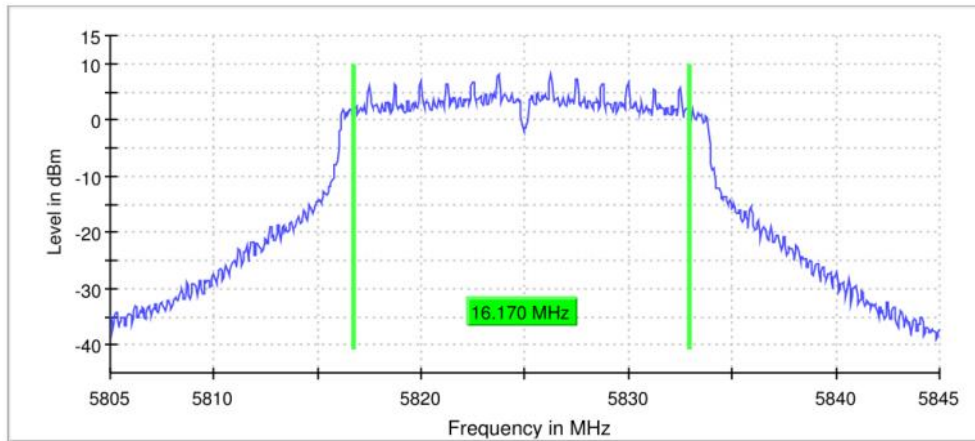
11N20_Ant0_5785

6 dB Bandwidth



11N20_Ant1_5825

6 dB Bandwidth

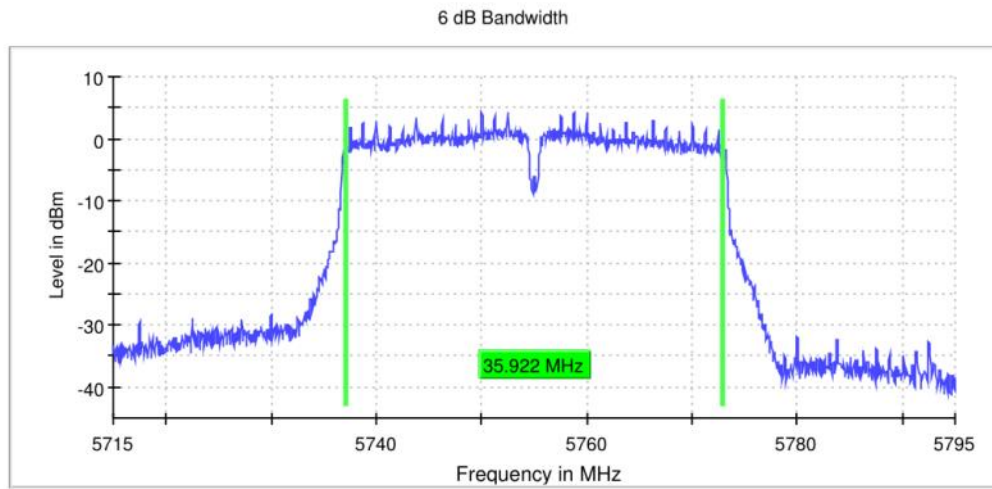




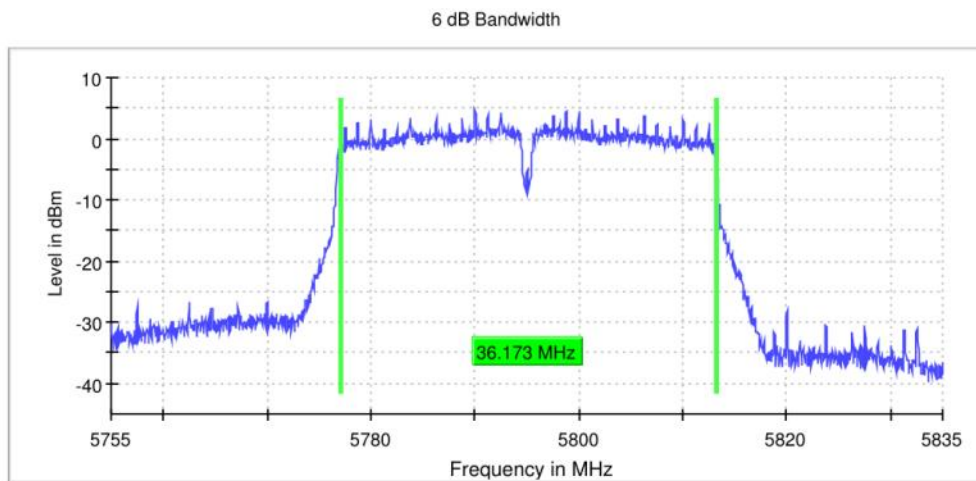
BUREAU
VERITAS

Test Report No.: PSU-NQN2402040109RF07

11N40_Ant0_5755



11N40_Ant0_5795



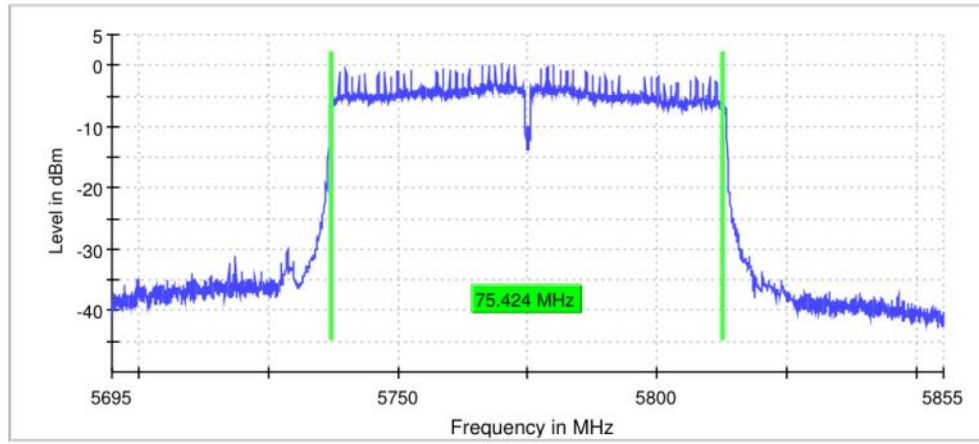


BUREAU
VERITAS

Test Report No.: PSU-NQN2402040109RF07

11AC80_Ant0_5775

6 dB Bandwidth



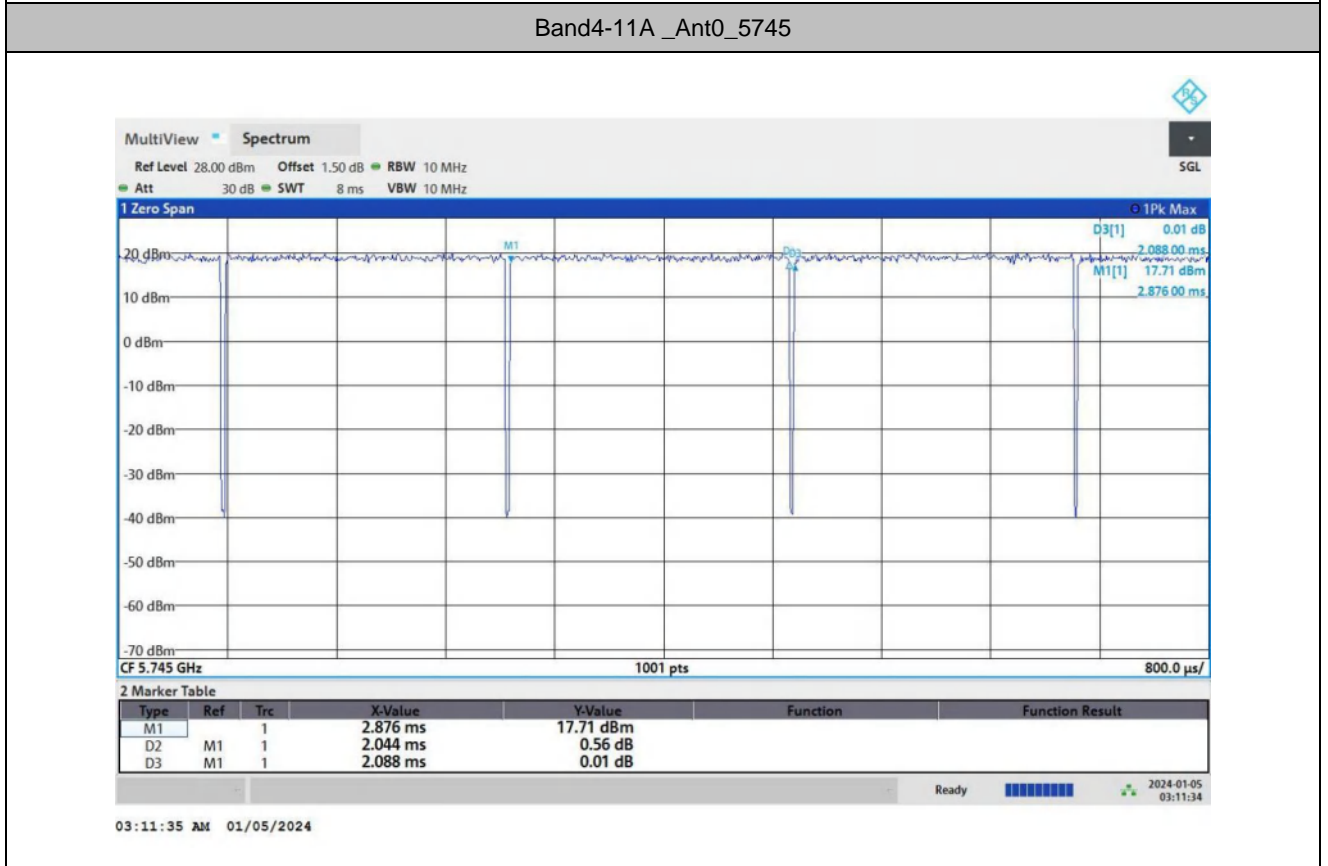
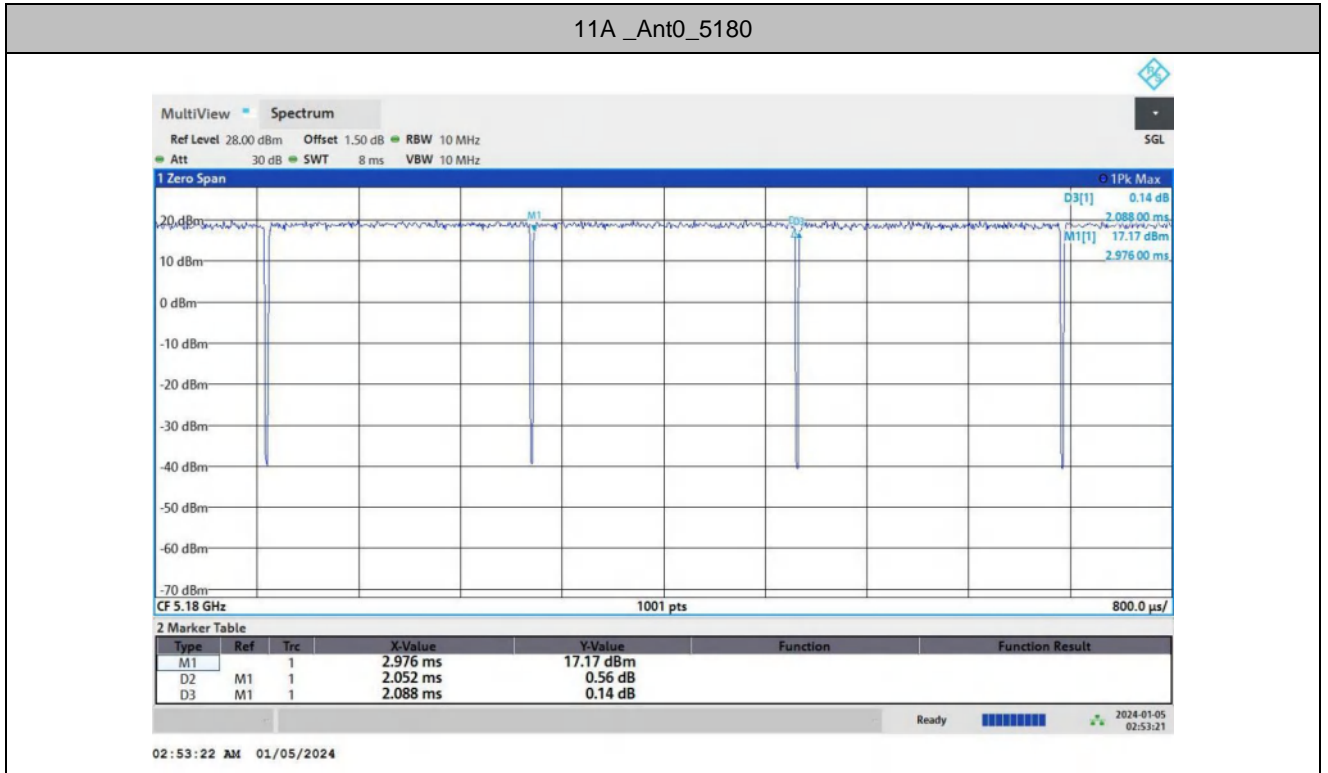
DUTY CYCLE

TEST RESULT

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant0	5180	2.052	2.088	98.28
	Ant0	5745	2.044	2.088	97.89
11N20SISO	Ant0	5180	1.908	1.944	98.15
	Ant0	5745	1.900	1.944	97.74
11AC20SISO	Ant0	5180	1.916	1.960	97.76
	Ant0	5745	0.940	0.976	96.31
11N40SISO	Ant0	5190	0.944	0.980	96.33
	Ant0	5755	0.940	0.976	96.31
11AC40SISO	Ant0	5190	0.948	0.984	96.34
	Ant0	5755	0.940	0.980	96.33
11AC80SISO	Ant0	5210	0.460	0.496	92.74
	Ant0	5775	0.460	0.496	92.74



TEST GRAPHS

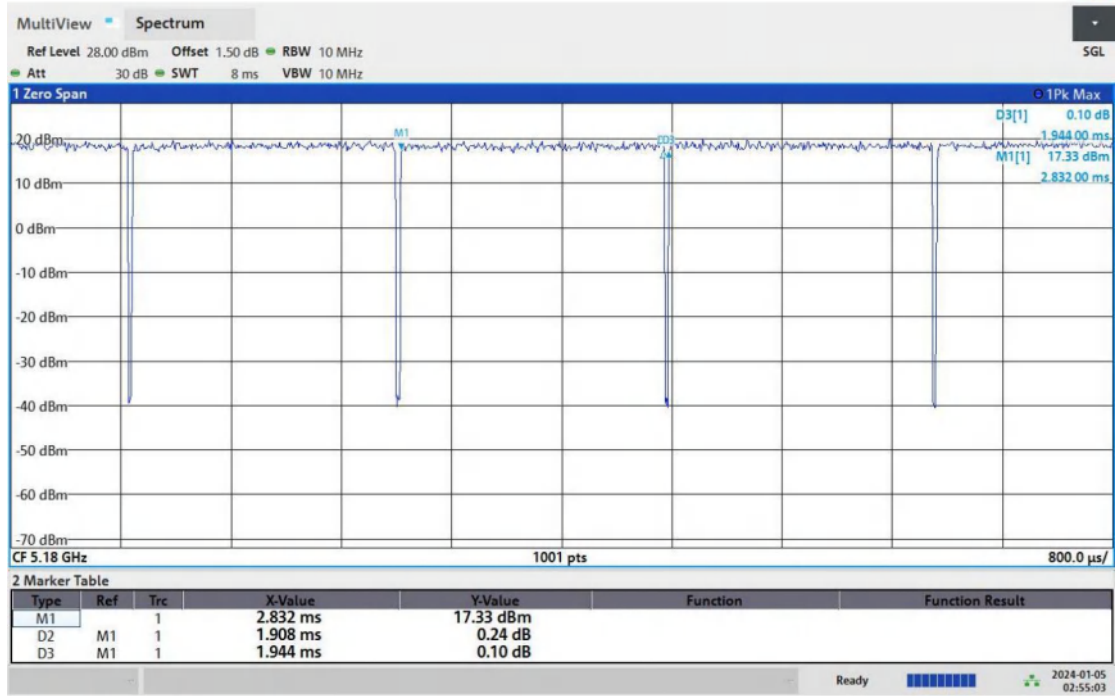




BUREAU VERITAS

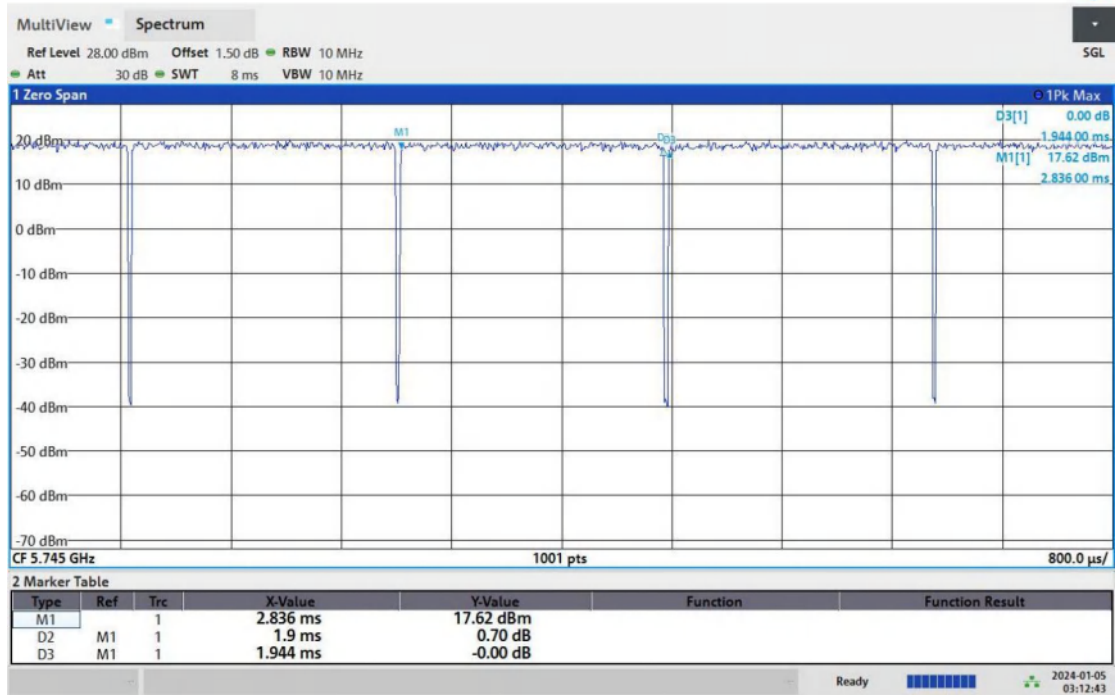
Test Report No.: PSU-NQN2402040109RF07

11N20SISO_Ant0_5180



02:55:04 AM 01/05/2024

Band4-11N20SISO_Ant0_5745



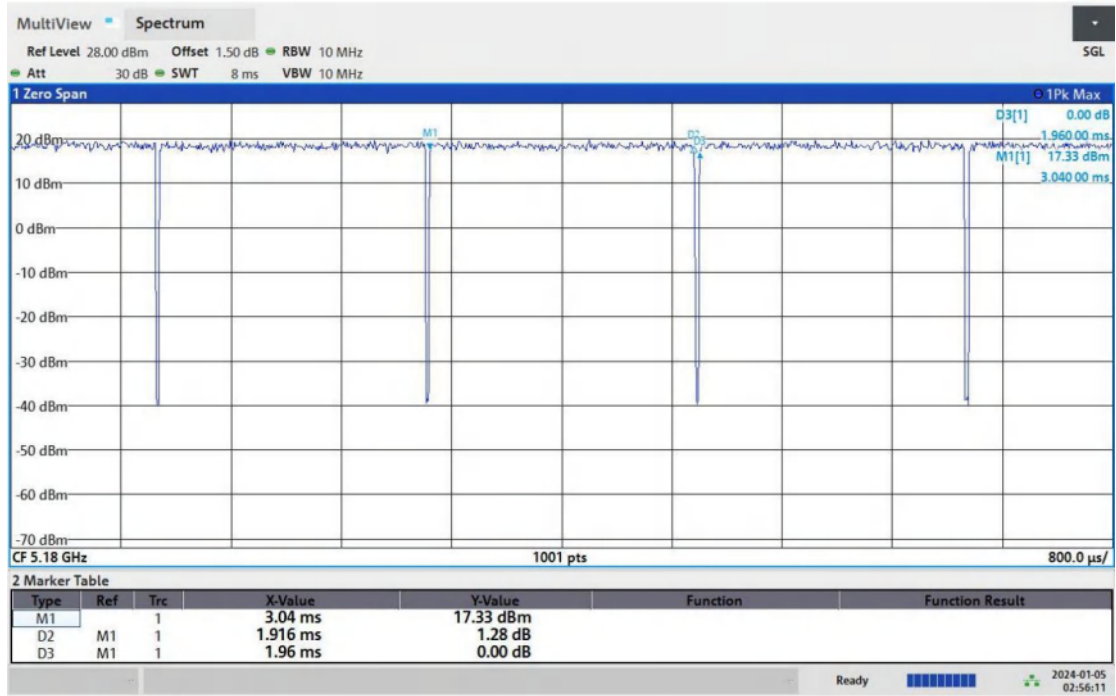
03:12:44 AM 01/05/2024



BUREAU VERITAS

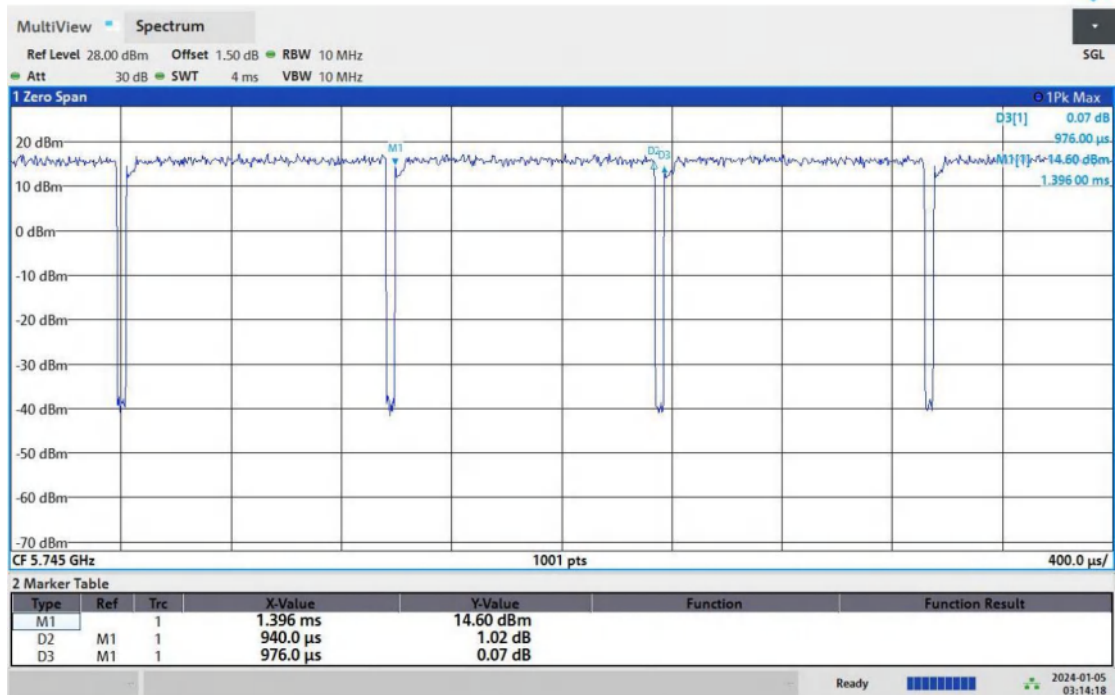
Test Report No.: PSU-NQN2402040109RF07

11AC20SISO_Ant0_5180



02:56:11 AM 01/05/2024

Band4-11AC20SISO_Ant0_5745



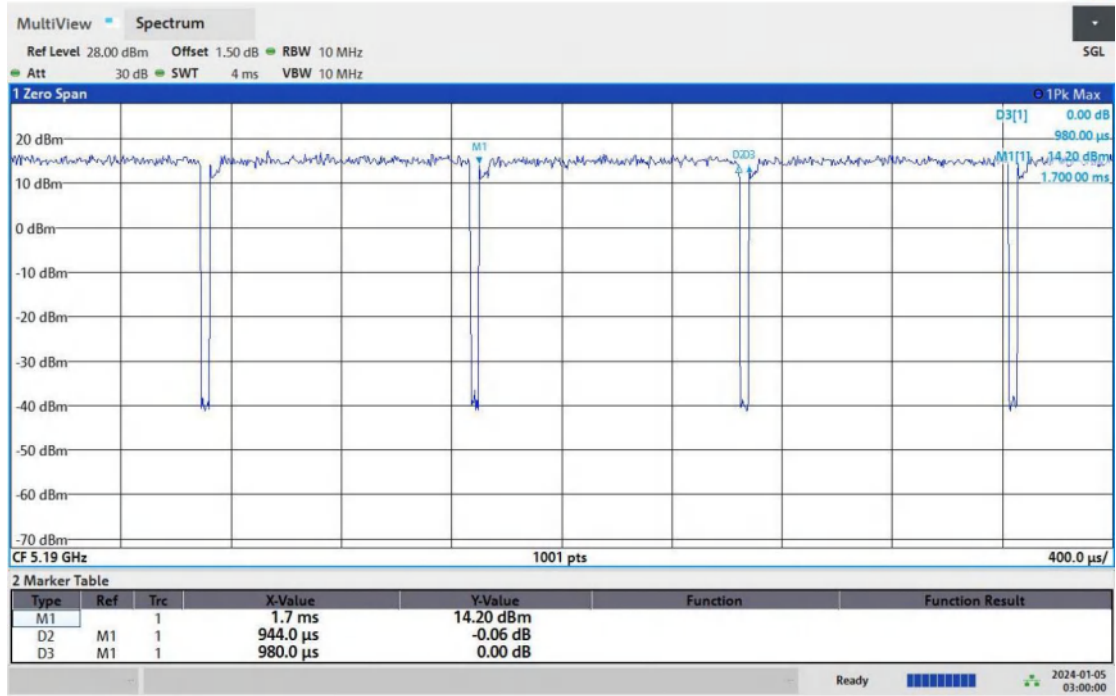
03:14:18 AM 01/05/2024



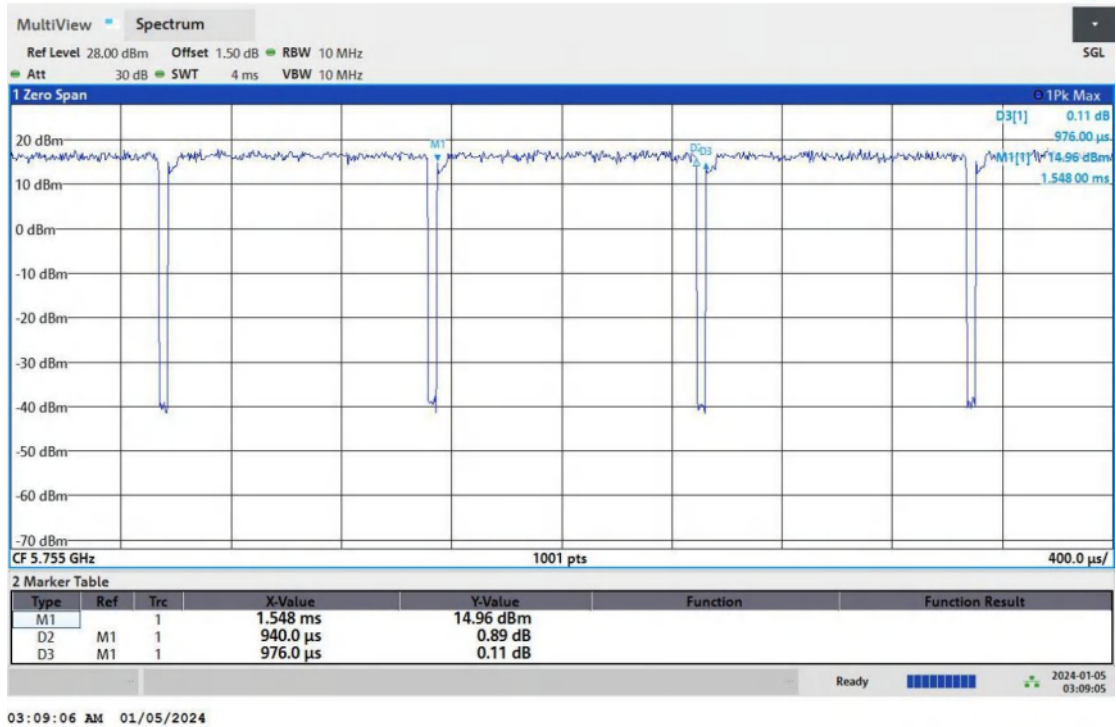
BUREAU VERITAS

Test Report No.: PSU-NQN2402040109RF07

11N40SISO_Ant0_5190



Band4-11N40SISO_Ant0_5755





BUREAU VERITAS

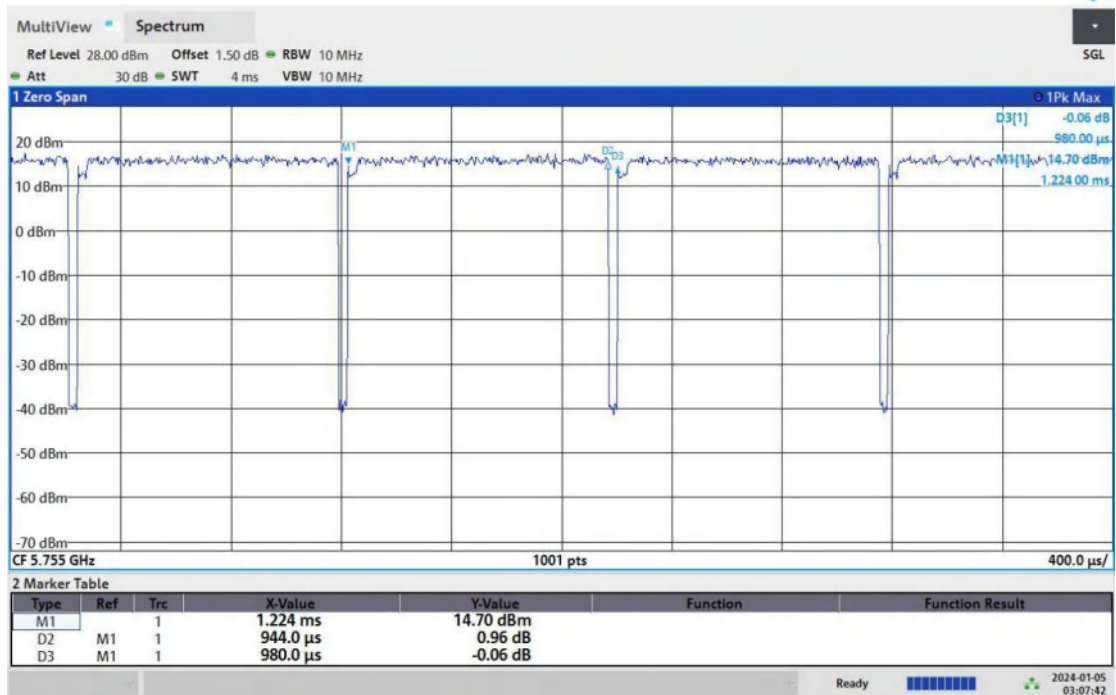
Test Report No.: PSU-NQN2402040109RF07

11AC40SISO_Ant0_5190



03:01:08 AM 01/05/2024

Band4-11AC40SISO_Ant0_5755



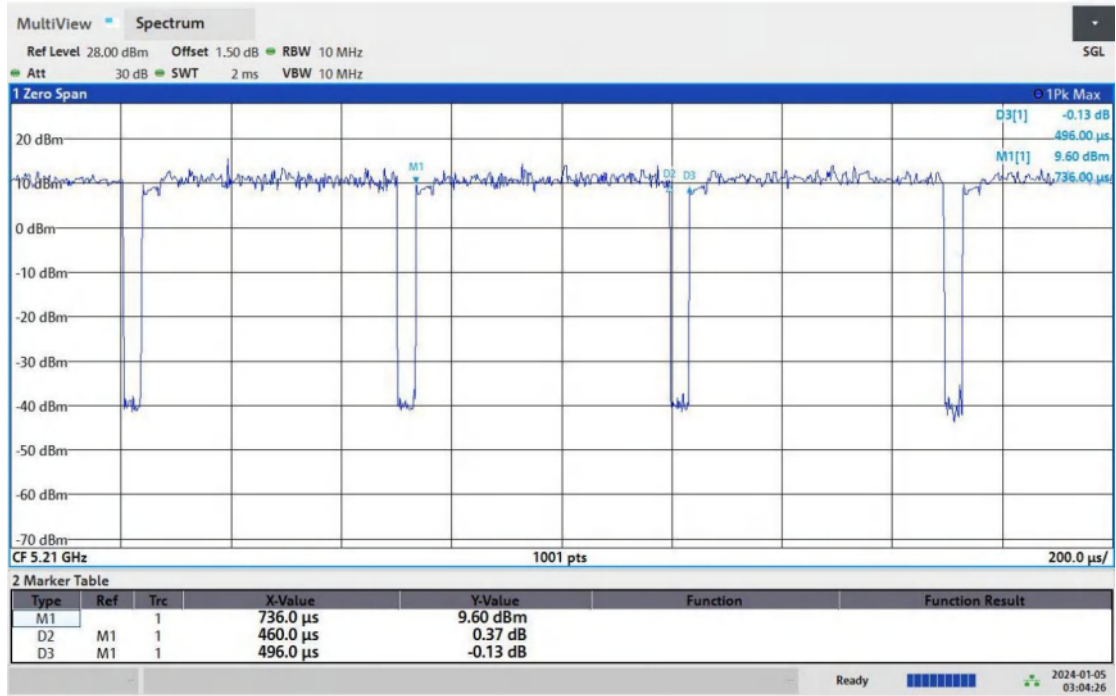
03:07:43 AM 01/05/2024



BUREAU VERITAS

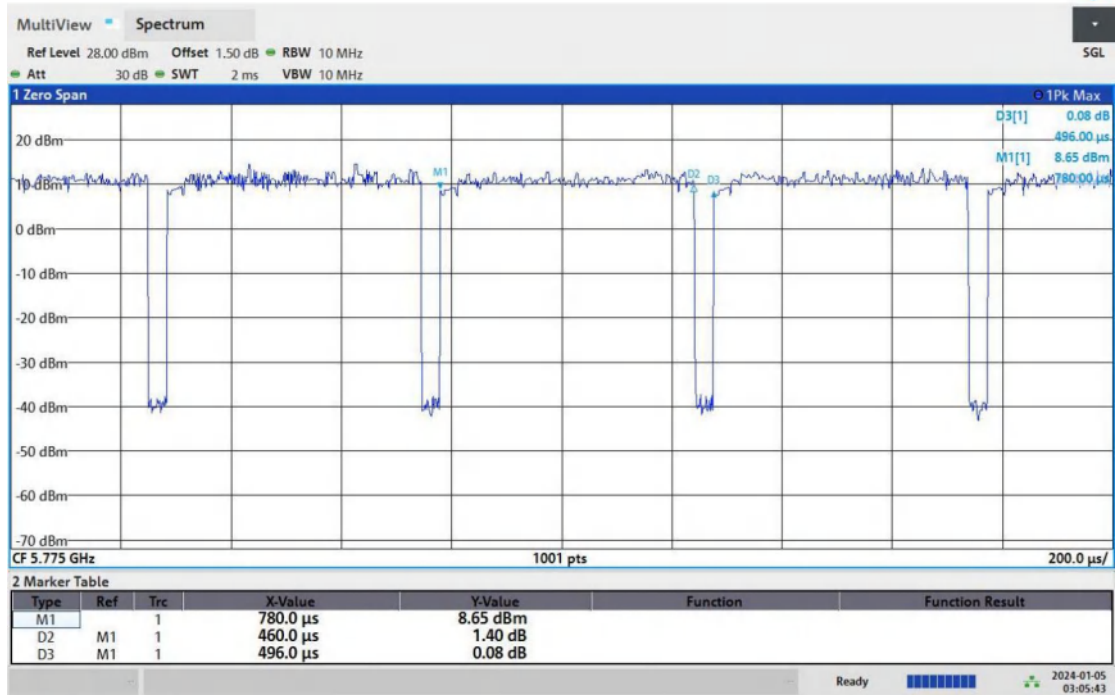
Test Report No.: PSU-NQN2402040109RF07

11AC80SISO_Ant0_5210



03:04:26 AM 01/05/2024

Band4-11AC80SISO_Ant0_5775



03:05:44 AM 01/05/2024

MAXIMUM CONDUCTED OUTPUT POWER TEST RESULT

Mode	TX Type	Freq. (MHz)	Maximum Conducted Power (dBm)	FCC Limit (dBm)	Verdict	Power setting
802.11a	SISO	5180	16.09	≤24.00	Pass	16
		5200	16.20	≤24.00	Pass	16
		5240	16.15	≤24.00	Pass	17
		5260	16.44	≤24.00	Pass	17.5
		5300	16.54	≤24.00	Pass	17
		5320	16.12	≤24.00	Pass	17
		5500	16.37	≤24.00	Pass	16
		5580	16.11	≤24.00	Pass	16.5
		5700	17.01	≤24.00	Pass	16
		5720	16.91	≤24.00	Pass	16
		5745	16.14	≤30.00	Pass	16
		5785	16.26	≤30.00	Pass	16
		5825	16.09	≤30.00	Pass	16
802.11n (HT20)	SISO	5180	16.57	≤24.00	Pass	17.5
		5200	16.38	≤24.00	Pass	17
		5240	16.39	≤24.00	Pass	17.5
		5260	16.26	≤24.00	Pass	17.5
		5300	16.35	≤24.00	Pass	17
		5320	16.49	≤24.00	Pass	17.5
		5500	16.22	≤24.00	Pass	16
		5580	16.39	≤24.00	Pass	17
		5700	16.81	≤24.00	Pass	16
		5720	16.71	≤24.00	Pass	16
		5745	16.85	≤30.00	Pass	16



Test Report No.: PSU-NQN2402040109RF07

		5785	16.06	≤30.00	Pass	16		
		5825	16.13	≤30.00	Pass	17		
802.11n (VHT40)	SISO	5190	13.99	≤24.00	Pass	14		
		5230	15.35	≤24.00	Pass	16		
		5270	15.05	≤24.00	Pass	16		
		5310	12.66	≤24.00	Pass	13		
		5510	15.68	≤24.00	Pass	15		
		5550	15.85	≤24.00	Pass	15		
		5670	16.01	≤24.00	Pass	15		
		5710	16.26	≤24.00	Pass	15		
		5755	16.55	≤30.00	Pass	15		
		5795	16.25	≤30.00	Pass	16.5		
		802.11ac (VHT20)	SISO	5180	16.07	≤24.00	Pass	17
				5200	16.01	≤24.00	Pass	16
5240	16.46			≤24.00	Pass	17.5		
5260	16.26			≤24.00	Pass	17.5		
5300	16.31			≤24.00	Pass	17		
5320	16.47			≤24.00	Pass	17.5		
5500	16.27			≤24.00	Pass	16		
5580	16.37			≤24.00	Pass	17		
5700	16.86			≤24.00	Pass	16		
5720	16.76			≤24.00	Pass	16		
5745	16.96			≤30.00	Pass	16		
5785	16.19			≤30.00	Pass	16		
5825	16.05			≤30.00	Pass	16		
802.11ac (VHT40)	SISO			5190	13.93	≤24.00	Pass	14
		5230	15.36	≤24.00	Pass	16		
		5270	15.04	≤24.00	Pass	16		
		5310	12.69	≤24.00	Pass	13		
		5510	15.69	≤24.00	Pass	15		
		5550	15.86	≤24.00	Pass	15		
		5670	16.01	≤24.00	Pass	15		
		5710	16.25	≤24.00	Pass	15		
		5755	16.34	≤30.00	Pass	15		



**BUREAU
VERITAS**

Test Report No.: PSU-NQN2402040109RF07

		5795	15.53	≤30.00	Pass	15
802.11ac (VHT80)	SISO	5210	12.21	≤24.00	Pass	12
		5290	11.47	≤24.00	Pass	11
		5530	12.99	≤24.00	Pass	11
		5610	15.34	≤24.00	Pass	14
		5690	15.38	≤24.00	Pass	14
		5775	14.73	≤30.00	Pass	14



MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

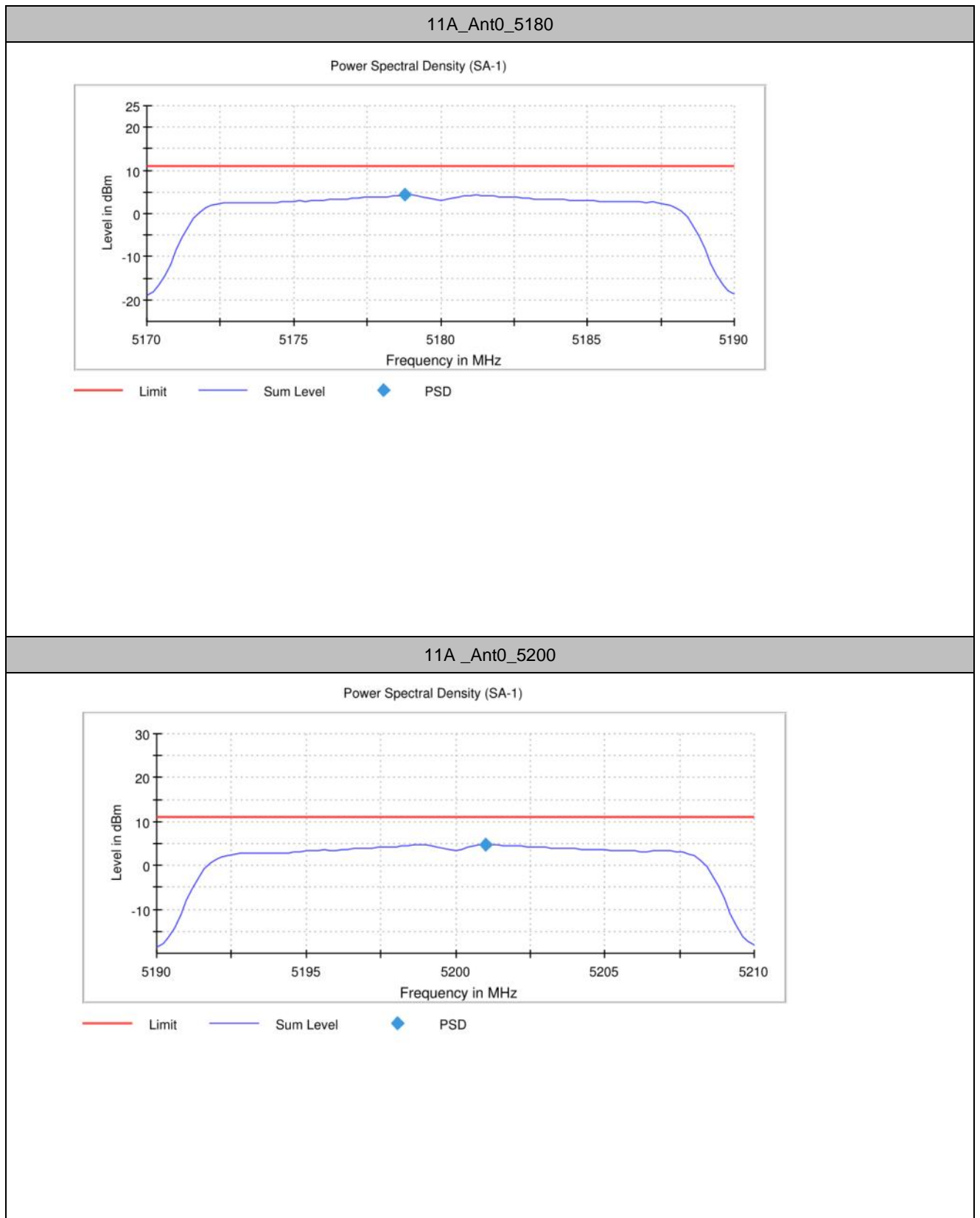
TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	PSD Limit [dBm/MHz]	PPSD [dBm/MHz]	PPSD Limit [dBm/MHz]	Verdict
11A	Ant0	5180	4.317	≤11.00	---	---	
	Ant0	5200	4.830	≤11.00	---	---	
	Ant0	5240	6.206	≤11.00	---	---	
	Ant0	5260	7.007	≤11.00	---	---	
	Ant0	5300	6.607	≤11.00	---	---	
	Ant0	5320	6.022	≤11.00	---	---	
	Ant0	5500	5.731	≤11.00	---	---	
	Ant0	5580	7.171	≤11.00	---	---	
	Ant0	5700	5.825	≤11.00	---	---	
	Ant0	5720	5.877	≤11.00	---	---	
	Ant0	5745	3.171	≤30.00	---	---	
	Ant0	5785	2.098	≤30.00	---	---	
11N20-SI SO	Ant0	5180	6.819	≤11.00	---	---	
	Ant0	5200	6.847	≤11.00	---	---	
	Ant0	5240	6.396	≤11.00	---	---	
	Ant0	5260	6.427	≤11.00	---	---	
	Ant0	5300	6.140	≤11.00	---	---	
	Ant0	5320	6.165	≤11.00	---	---	
	Ant0	5500	7.303	≤11.00	---	---	
	Ant0	5580	7.447	≤11.00	---	---	
	Ant0	5700	7.497	≤11.00	---	---	
	Ant0	5720	7.389	≤11.00	---	---	
	Ant0	5745	4.749	≤30.00	---	---	
	Ant0	5785	3.189	≤30.00	---	---	
11N40-SI SO	Ant0	5190	1.263	≤11.00	---	---	
	Ant0	5230	2.295	≤11.00	---	---	
	Ant0	5270	2.485	≤11.00	---	---	
	Ant0	5310	-0.281	≤11.00	---	---	



	Ant0	5510	3.217	≤11.00	---	---	
	Ant0	5550	3.125	≤11.00	---	---	
	Ant0	5670	2.958	≤11.00	---	---	
	Ant0	5710	3.125	≤11.00	---	---	
	Ant0	5755	0.530	≤30.00	---	---	
	Ant0	5795	0.682	≤30.00	---	---	
11AC80-S ISO	Ant0	5210	-3.659	≤11.00	---	---	
	Ant0	5290	-4.675	≤11.00	---	---	
	Ant0	5530	-2.759	≤11.00	---	---	
	Ant0	5610	-0.246	≤11.00	---	---	
	Ant0	5690	-0.341	≤11.00	---	---	
	Ant0	5775	-3.780	≤30.00	---	---	

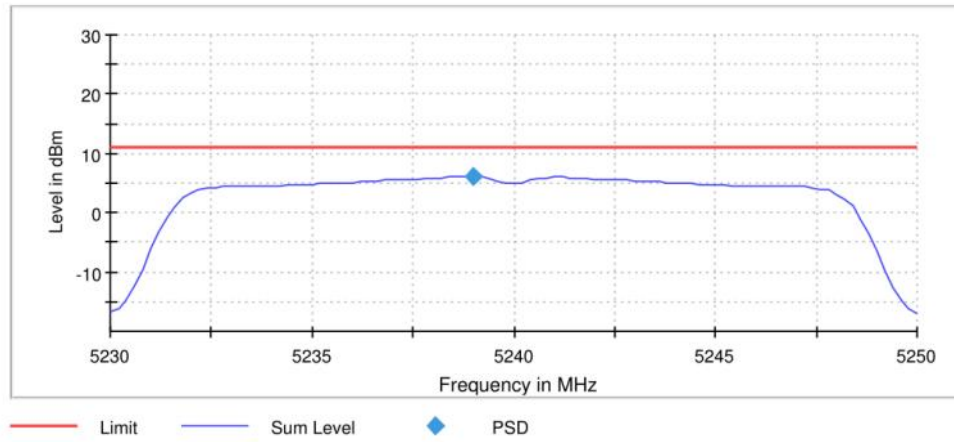
Note: 1.PPSD is EIRP PSD

TEST GRAPHS



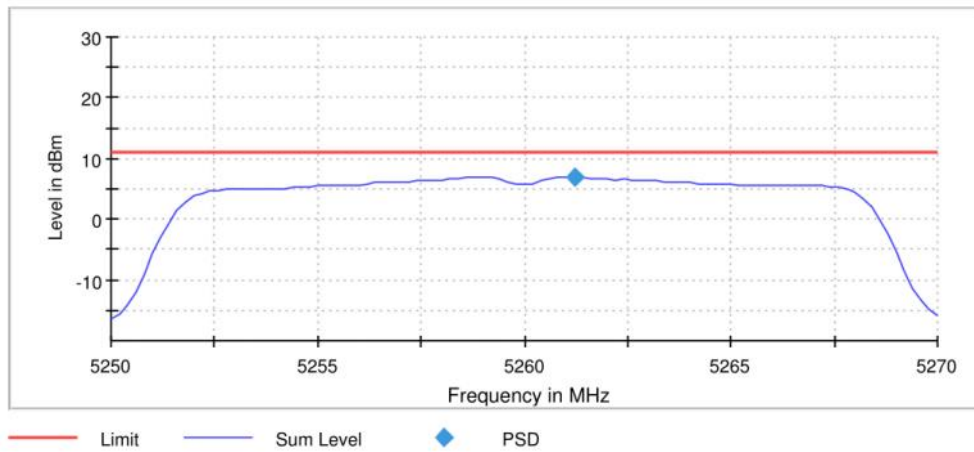
11A_Ant0_5240

Power Spectral Density (SA-1)



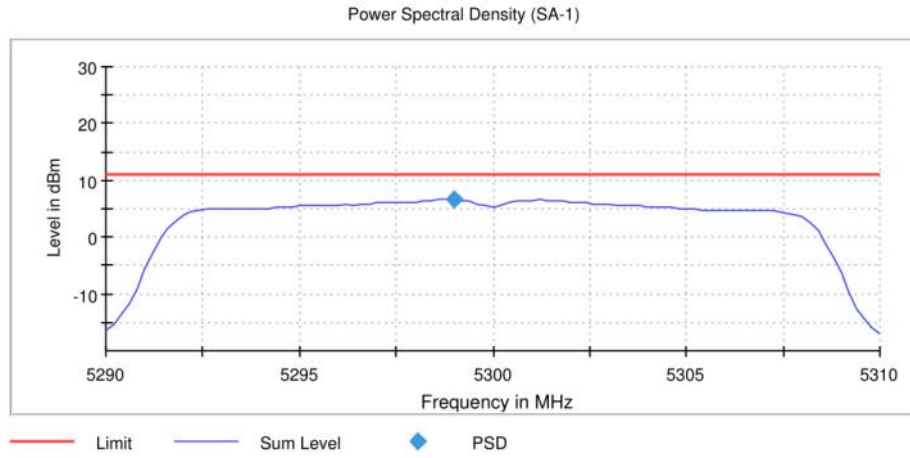
11A_Ant0_5260

Power Spectral Density (SA-1)

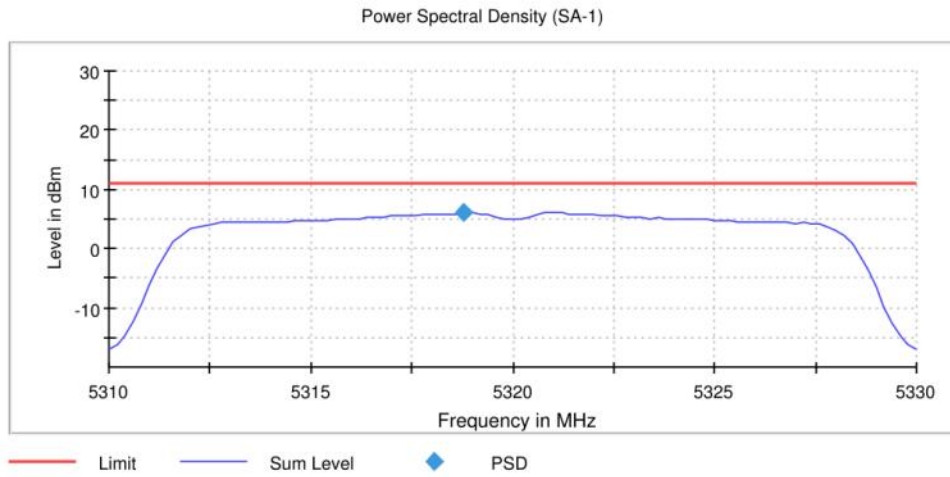




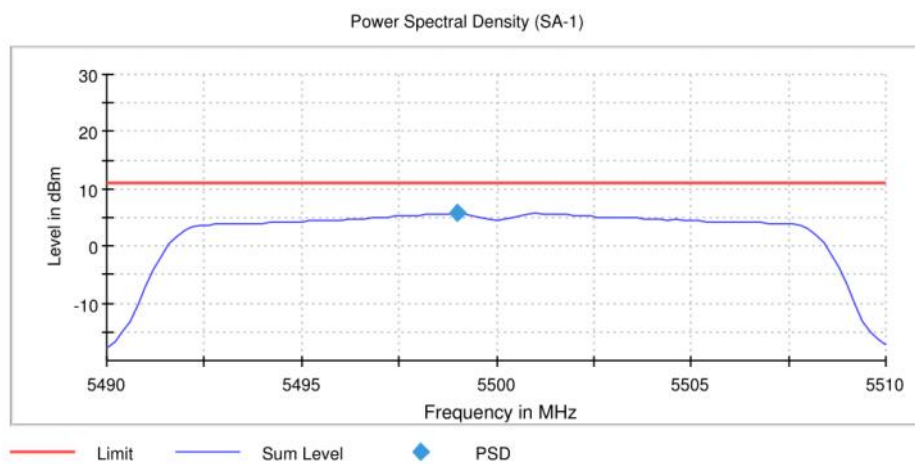
11A_Ant0_5300



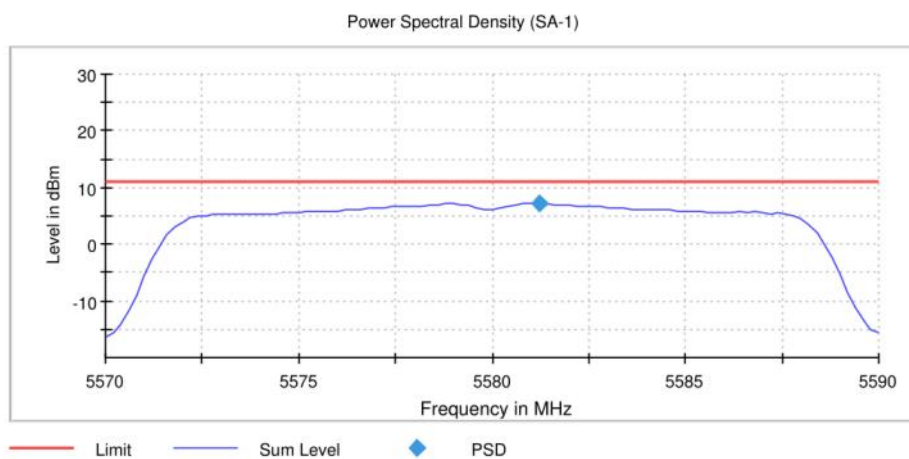
11A_Ant0_5320



11A_Ant0_5500



11A_Ant0_5580



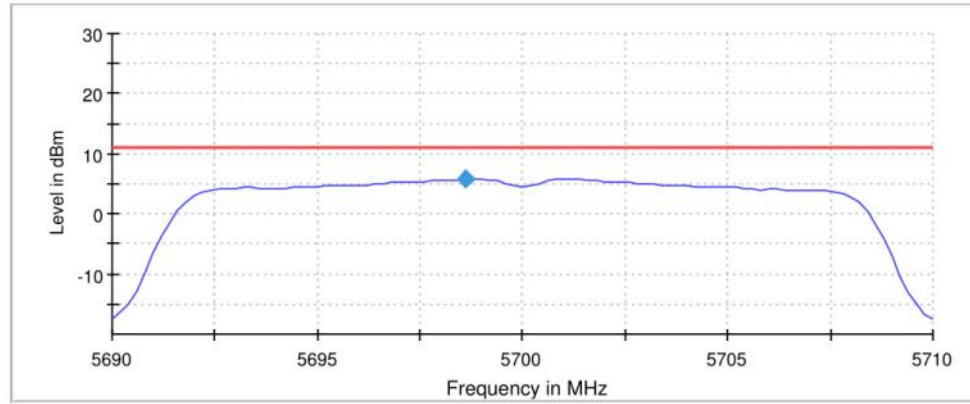


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11A_Ant0_5700

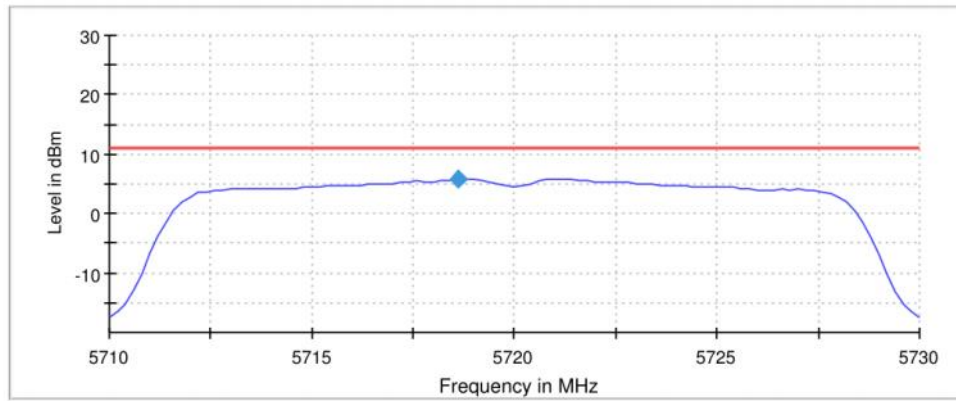
Power Spectral Density (SA-1)



— Limit — Sum Level ◆ PSD

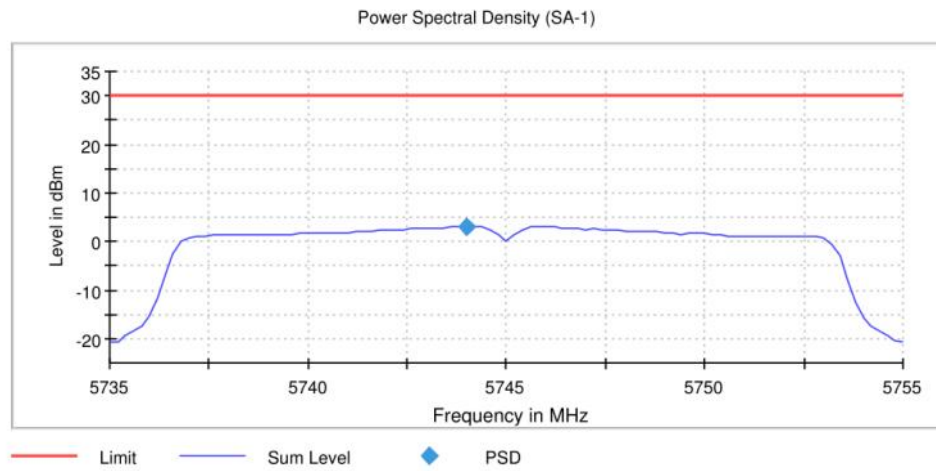
11A_Ant0_5720

Power Spectral Density (SA-1)

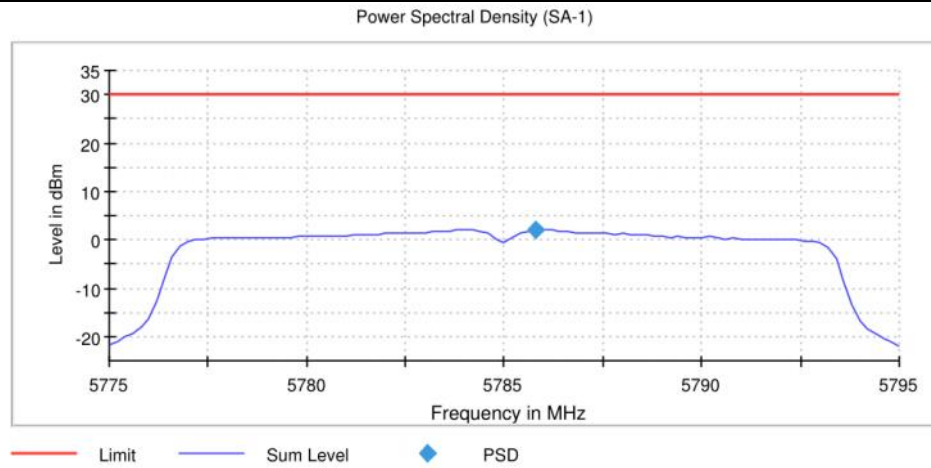


— Limit — Sum Level ◆ PSD

11A_Ant0_5745

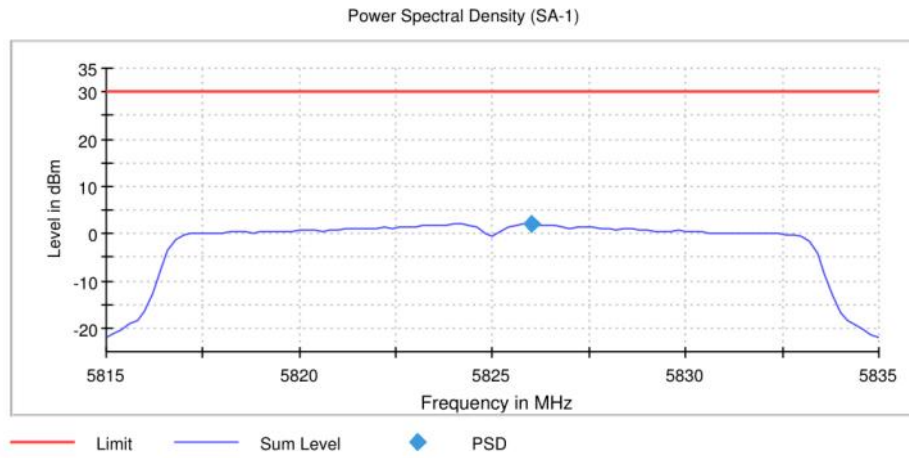


11A_Ant0_5785

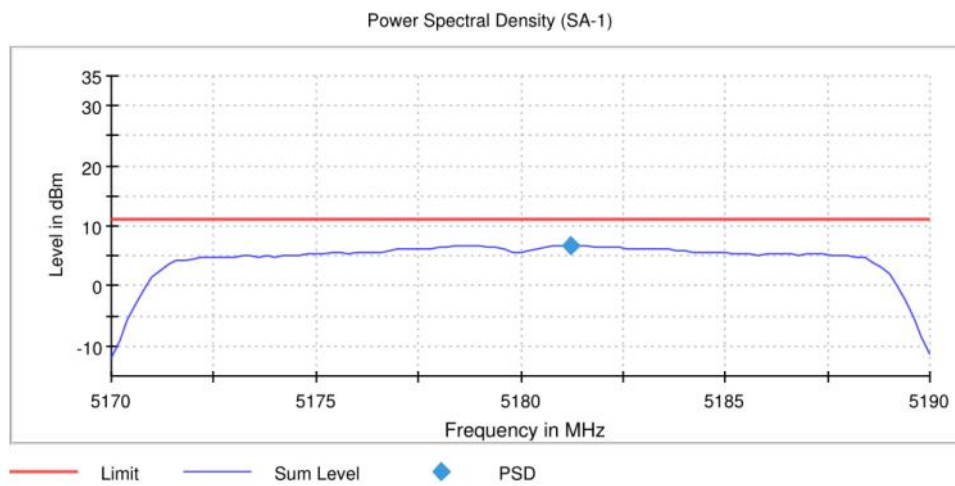




11A_Ant0_5825



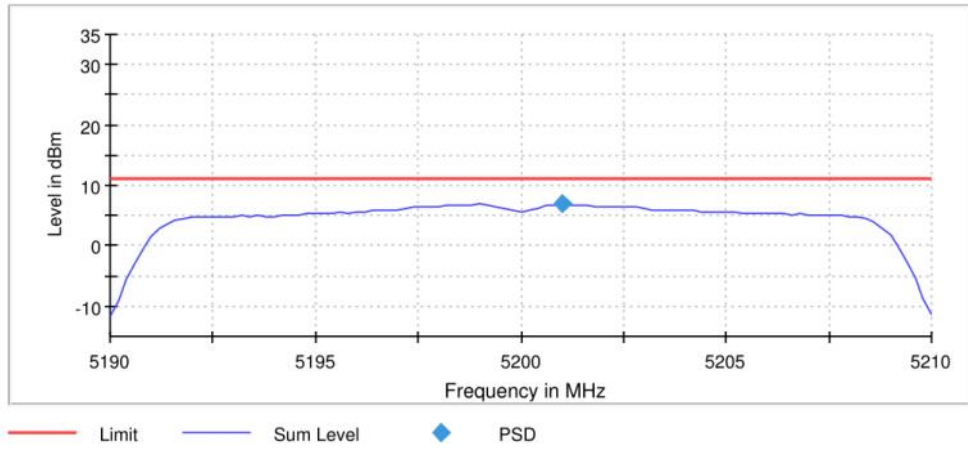
11N20_Ant0_5180





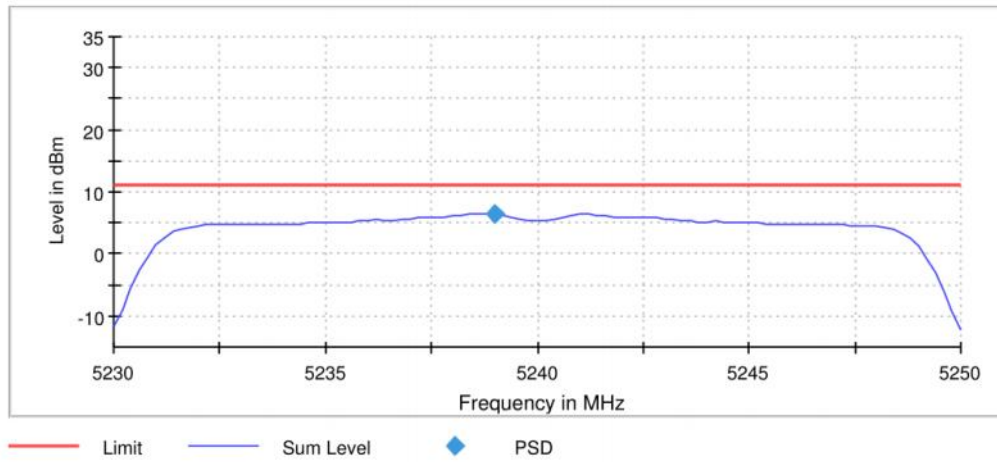
11N20_Ant0_5200

Power Spectral Density (SA-1)



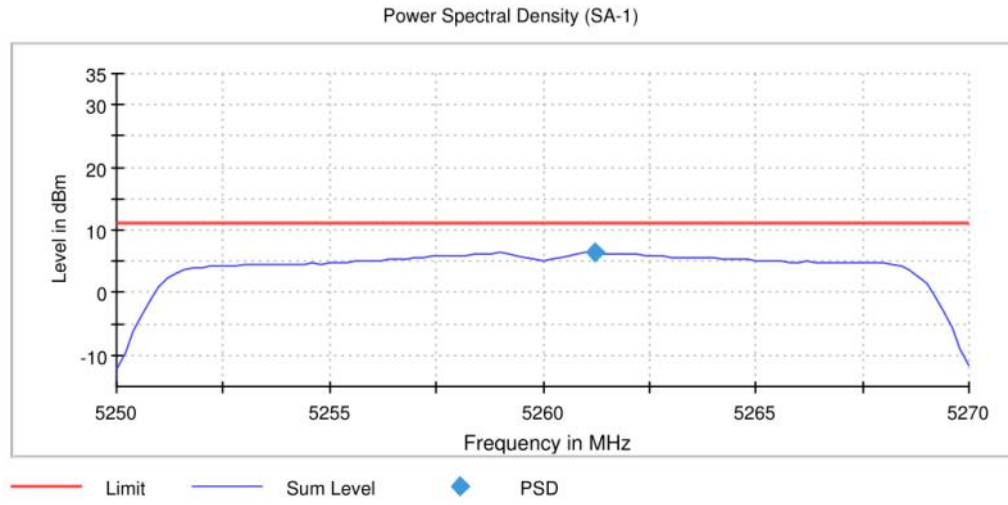
11N20_Ant0_5240

Power Spectral Density (SA-1)

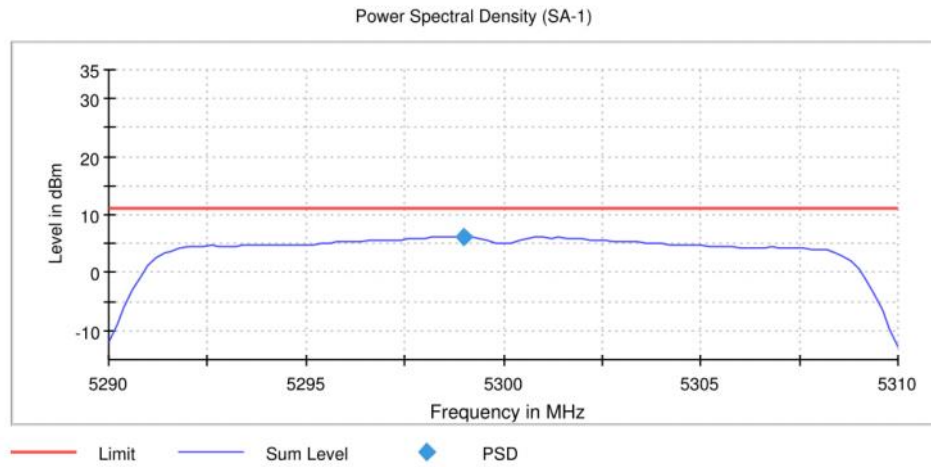




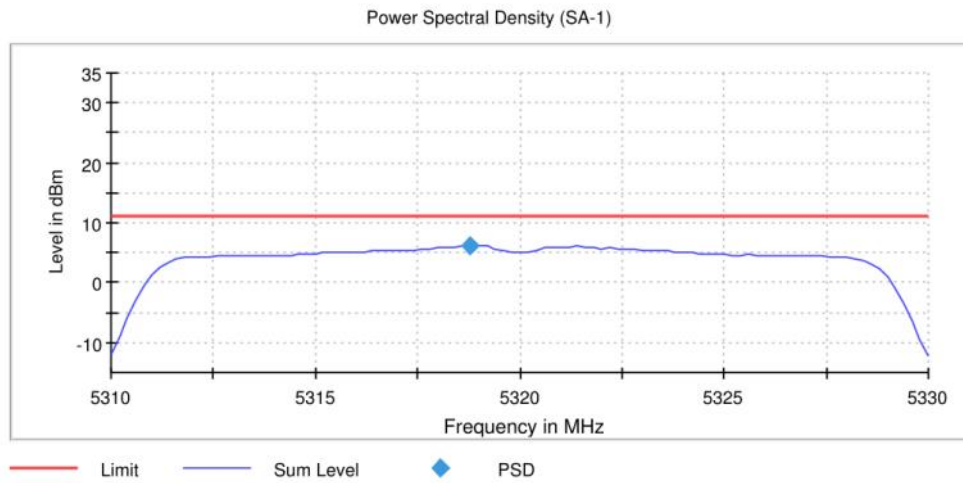
11N20_Ant0_5260



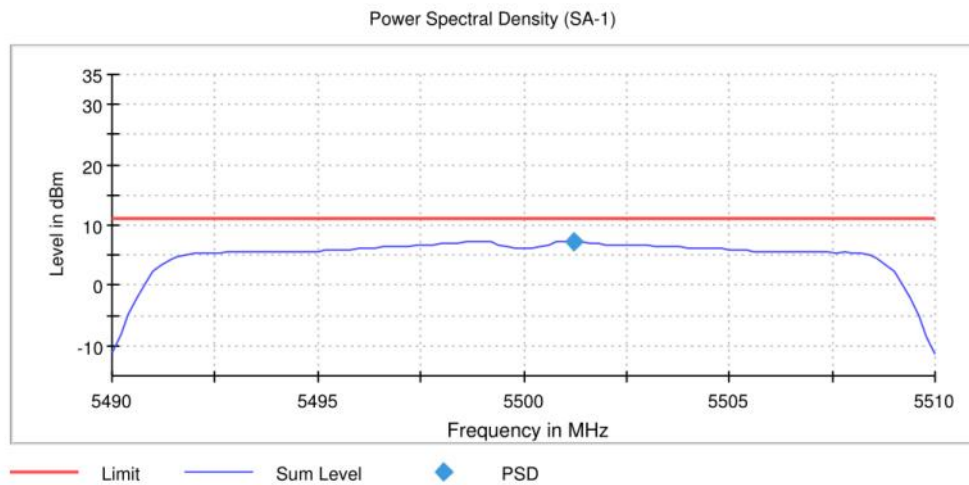
11N20_Ant0_5300



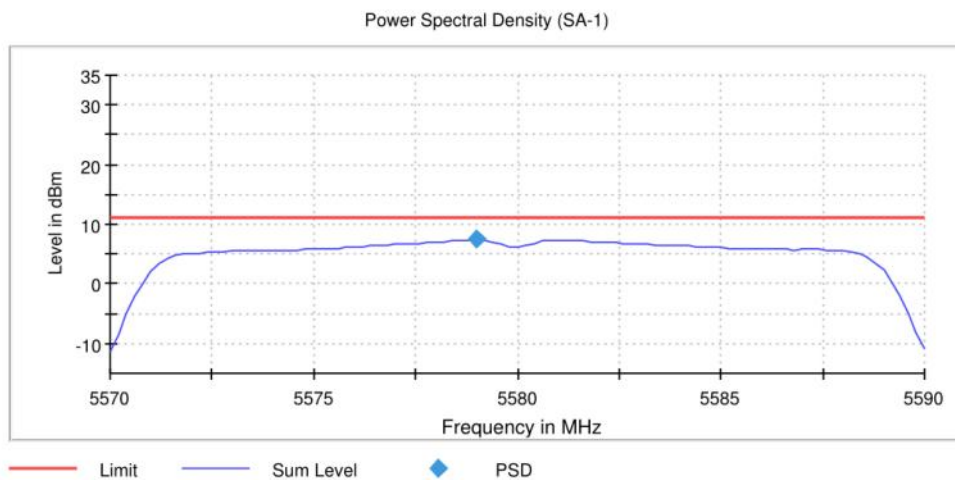
11N20_Ant0_5320



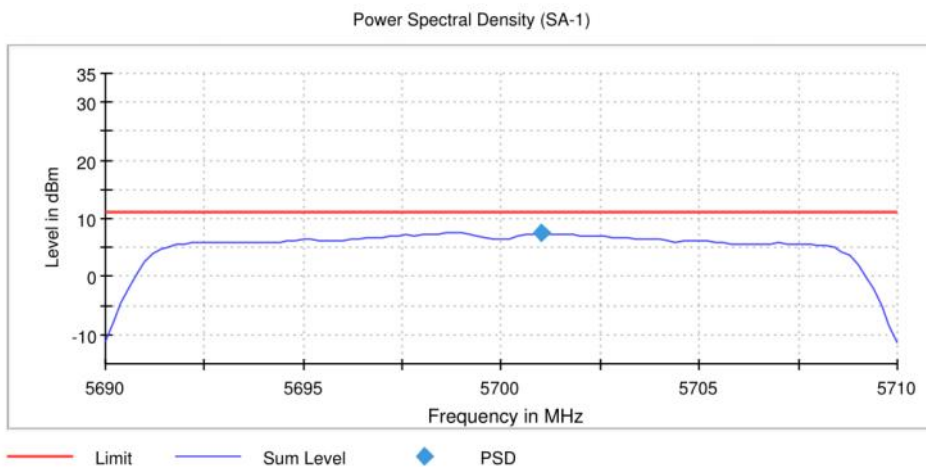
11N20_Ant0_5500



11N20_Ant0_5580



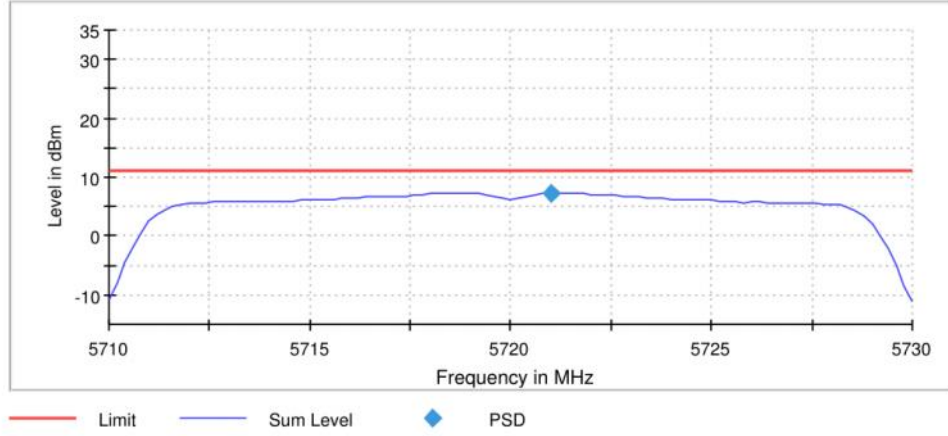
11N20_Ant0_5700





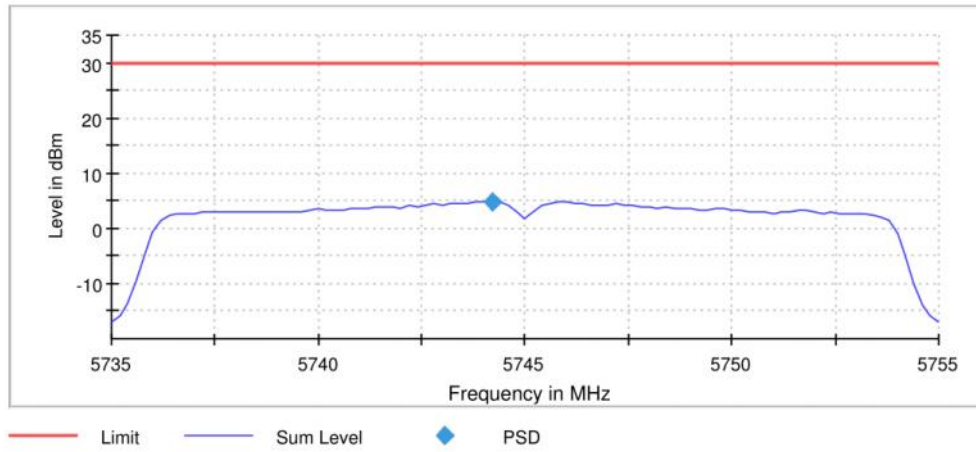
11N20_Ant0_5720

Power Spectral Density (SA-1)



11N20_Ant0_5745

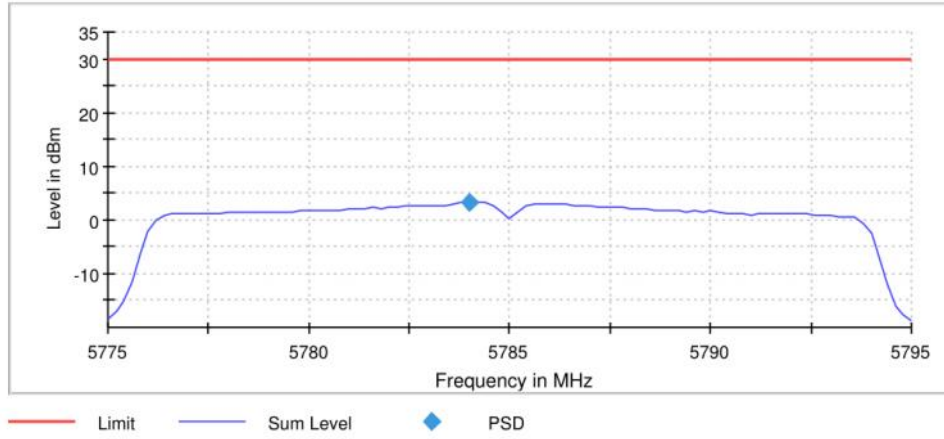
Power Spectral Density (SA-1)





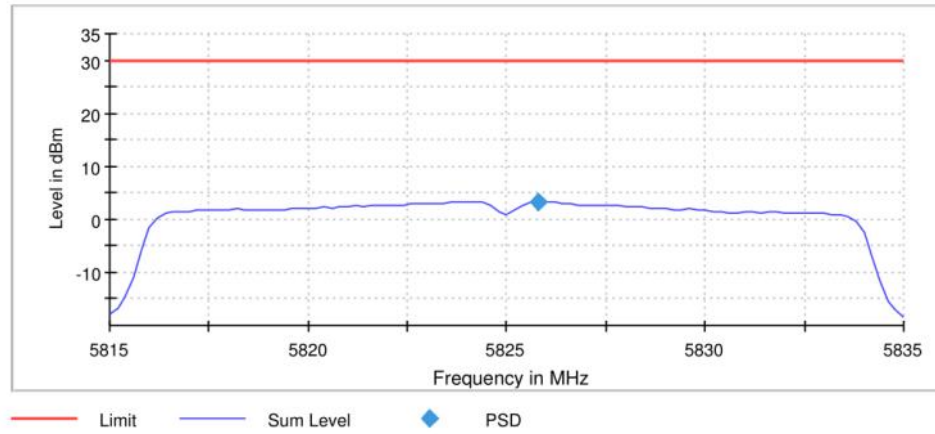
11N20_Ant0_5785

Power Spectral Density (SA-1)



11N20_Ant0_5825

Power Spectral Density (SA-1)



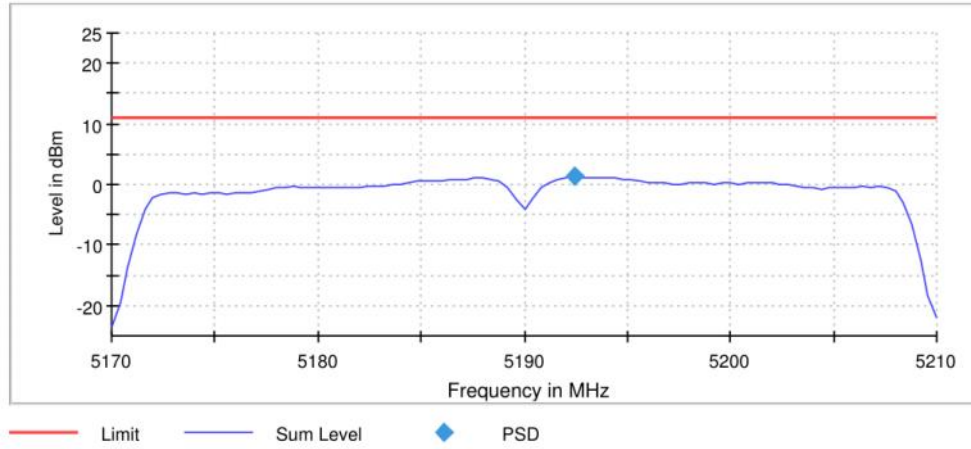


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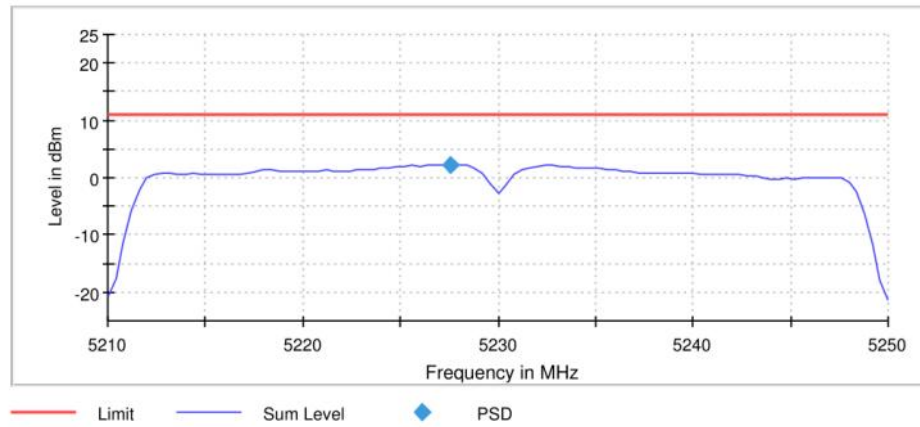
11N40_Ant0_5190

Power Spectral Density (SA-1)



11N40_Ant0_5230

Power Spectral Density (SA-1)



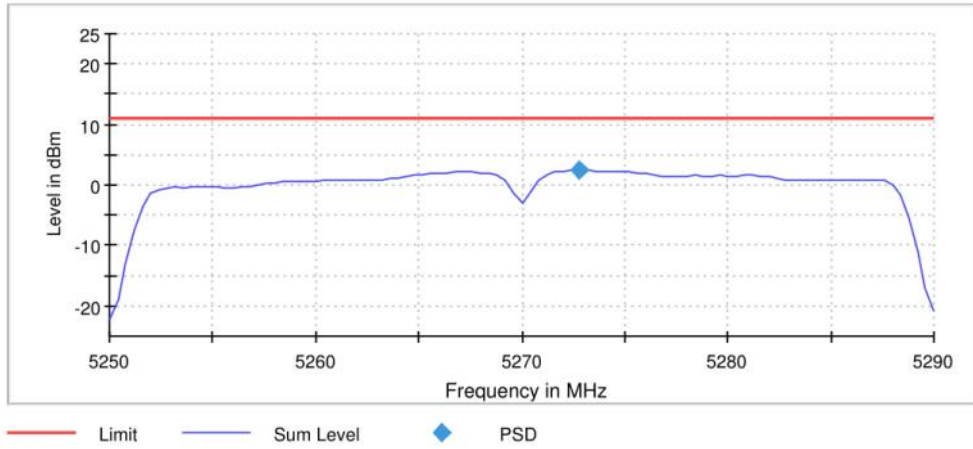


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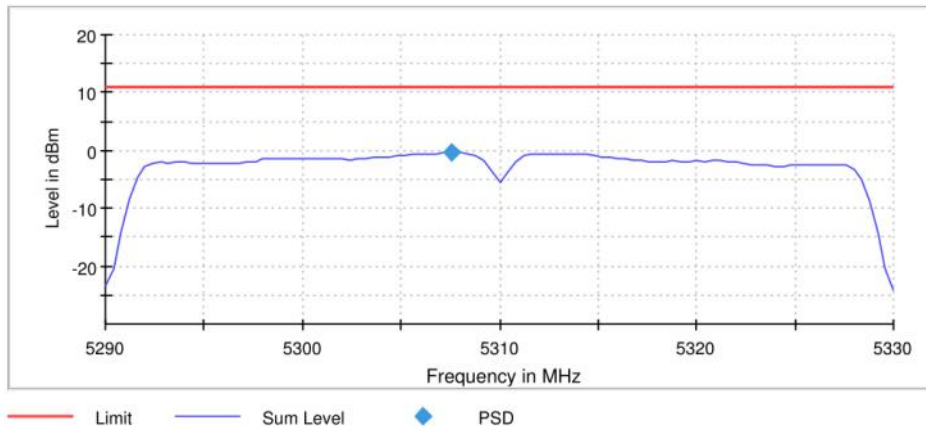
11N40_Ant0_5270

Power Spectral Density (SA-1)



11N40_Ant0_5310

Power Spectral Density (SA-1)



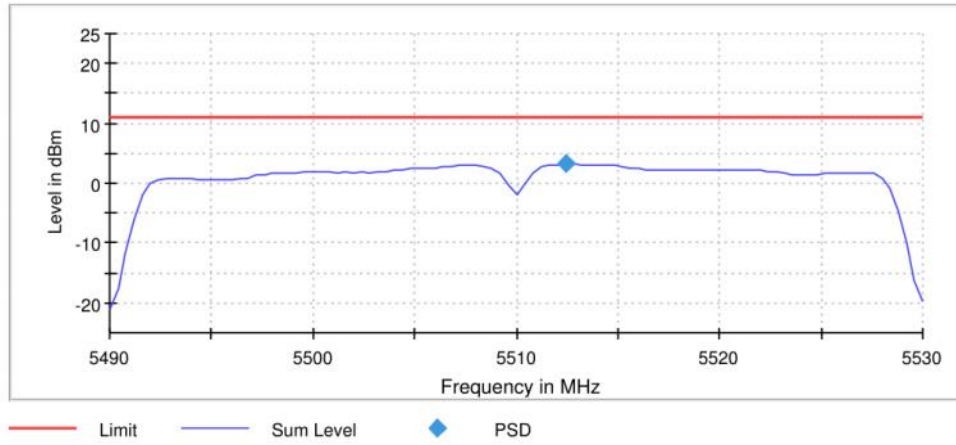


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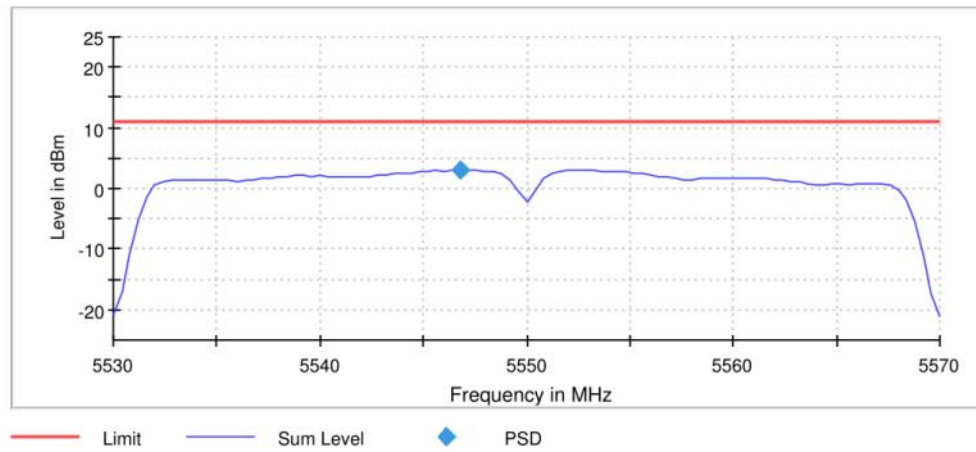
11N40_Ant0_5510

Power Spectral Density (SA-1)



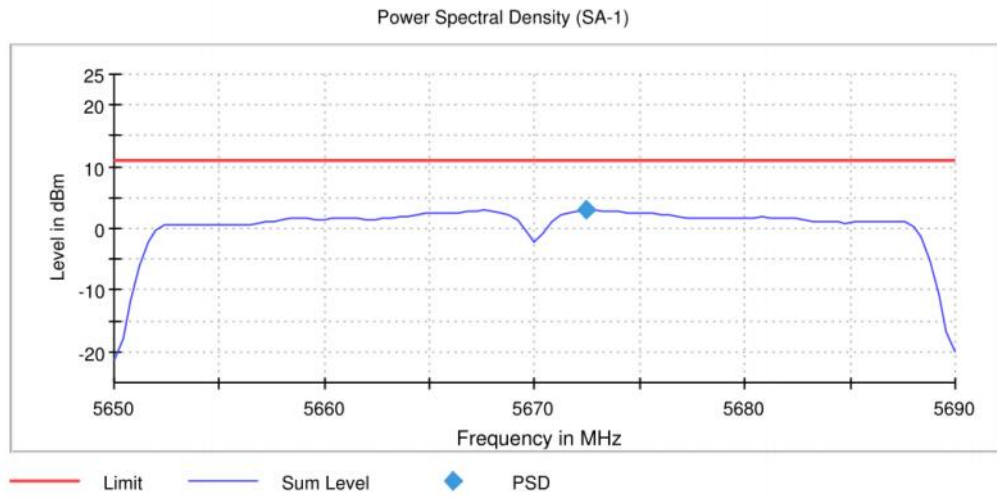
11N40_Ant0_5550

Power Spectral Density (SA-1)

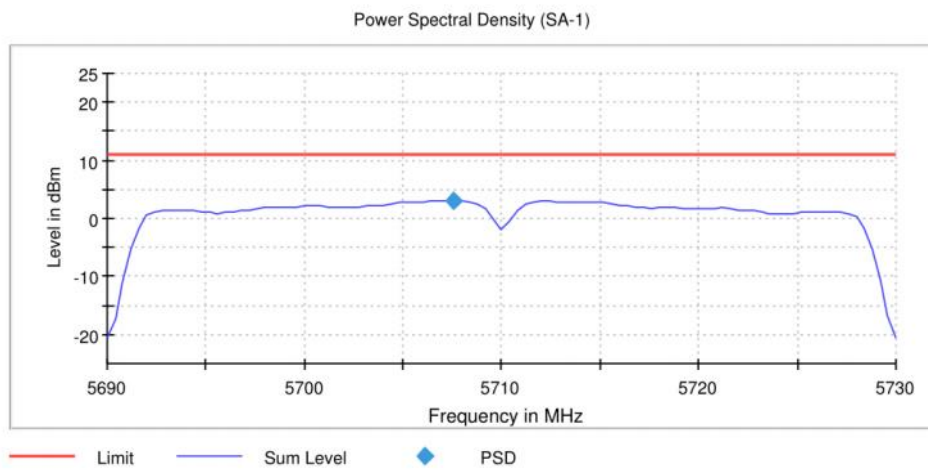




11N40_Ant0_5670

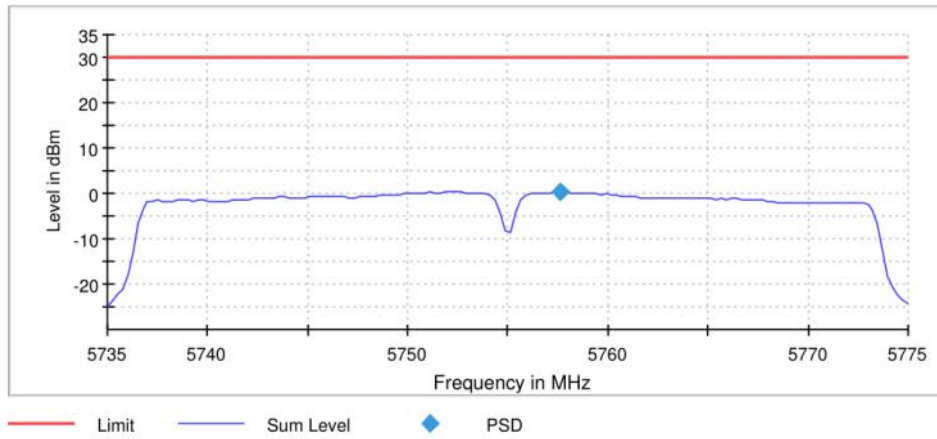


11N40_Ant0_5710



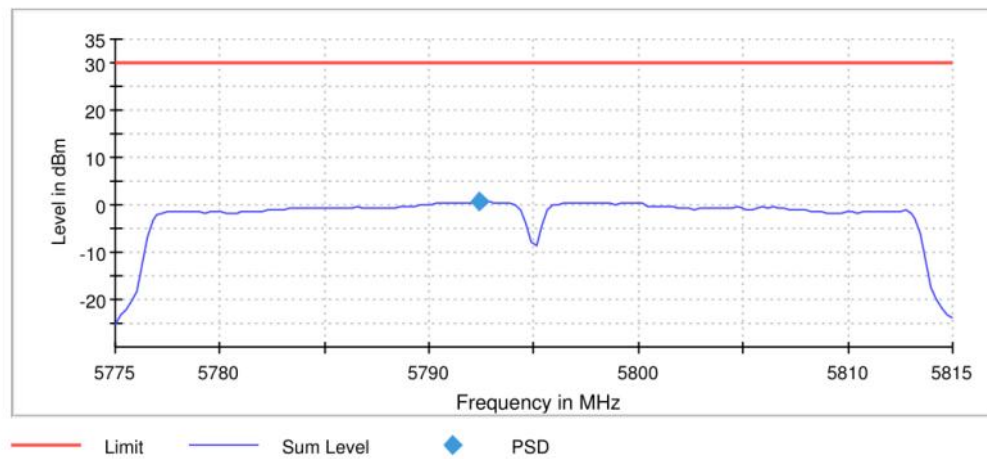
11N40_Ant0_5755

Power Spectral Density (SA-1)



11N40_Ant0_5795

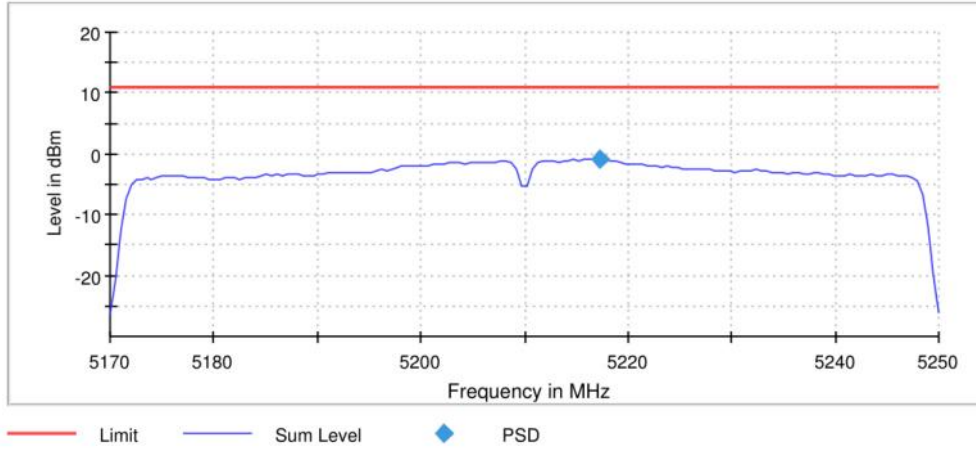
Power Spectral Density (SA-1)





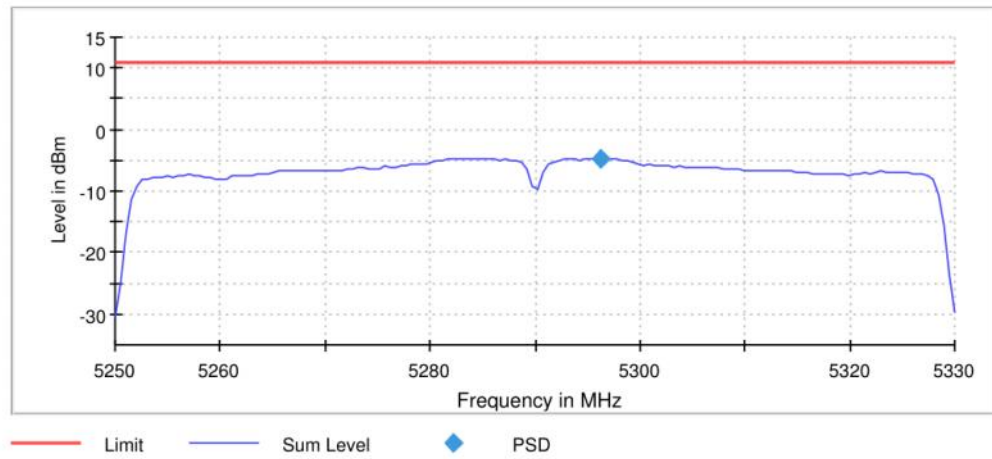
11AC80_Ant0_5210

Power Spectral Density (SA-1)



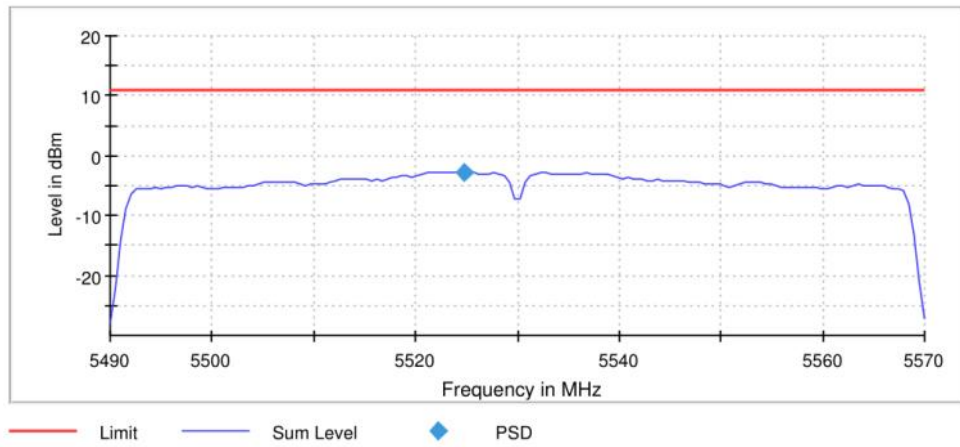
11AC80_Ant0_5290

Power Spectral Density (SA-1)



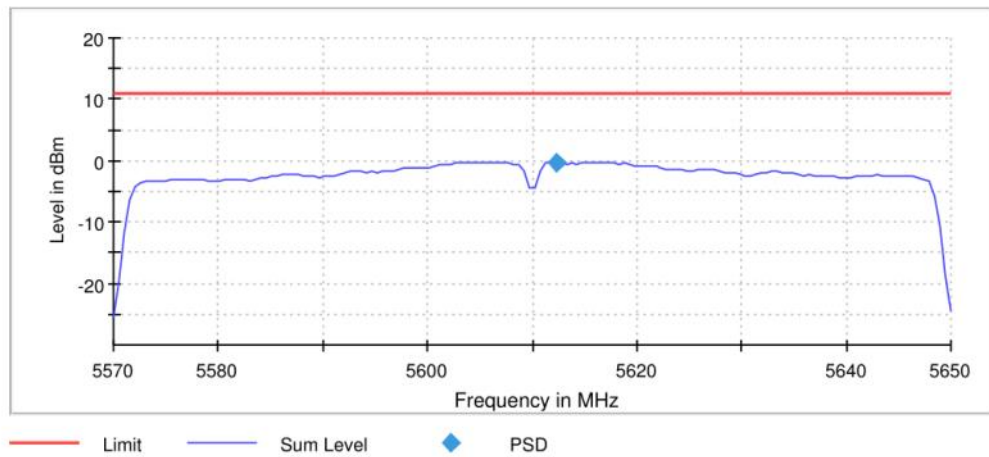
11AC80_Ant0_5530

Power Spectral Density (SA-1)



11AC80_Ant0_5610

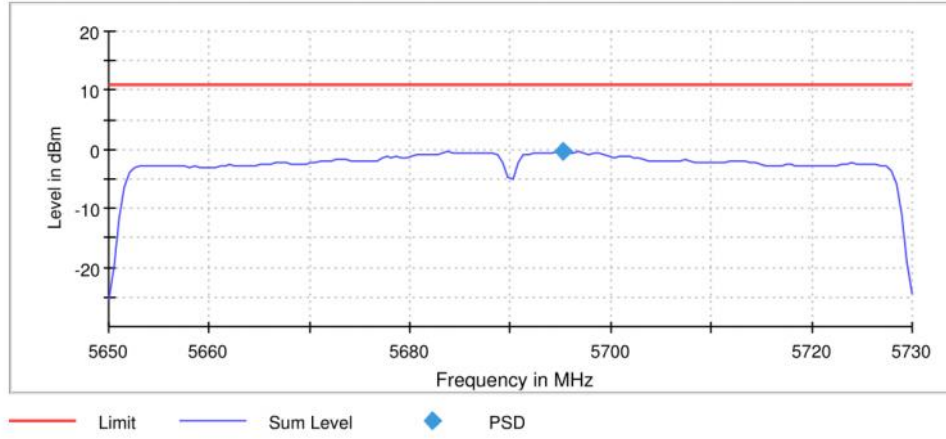
Power Spectral Density (SA-1)





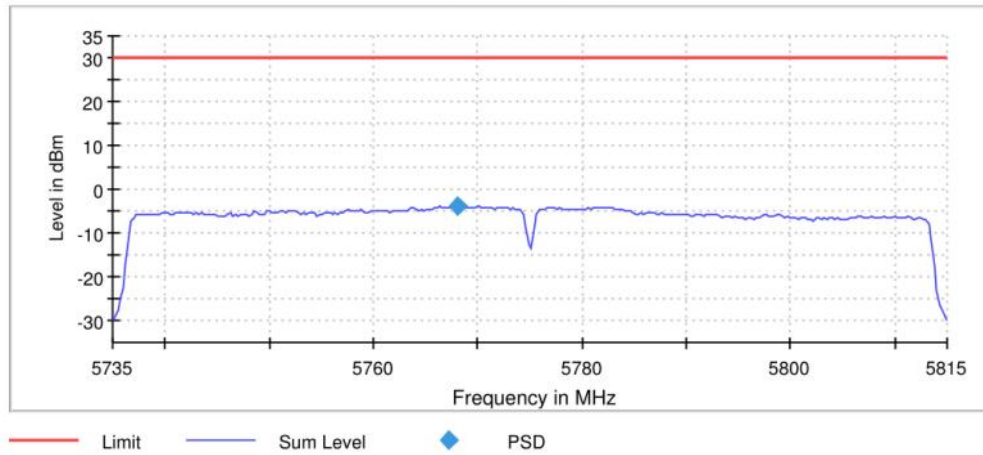
11AC80_Ant0_5690

Power Spectral Density (SA-1)



11AC80_Ant0_5775

Power Spectral Density (SA-1)



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