

MIN EMISSION BANDWIDTH

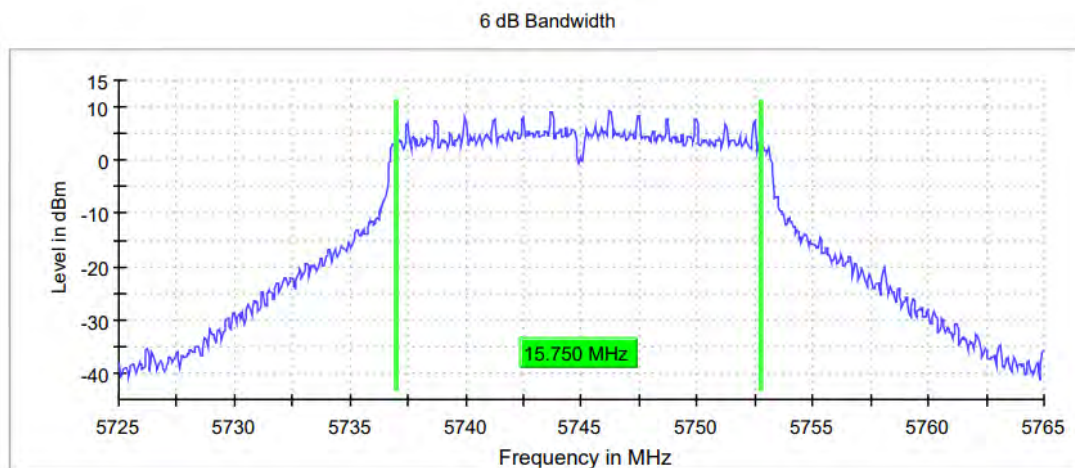
TEST RESULT B4

TestMode	Antenna	Frequency [MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5745	15.750	5737.025	5752.775	0.5	PASS
	Ant0	5785	15.550	5777.025	5792.575	0.5	PASS
	Ant0	5825	15.750	5817.025	5832.775	0.5	PASS
11N20-MIMO	Ant0	5745	16.150	5736.775	5752.925	0.5	PASS
	Ant0	5785	16.150	5776.775	5792.925	0.5	PASS
	Ant0	5825	16.400	5816.775	5833.175	0.5	PASS
11AC40-MIMO	Ant0	5755	36.000	5737.175	5773.175	0.5	PASS
	Ant0	5795	35.550	5777.075	5812.625	0.5	PASS
11AC80-MIMO	Ant0	5775	75.200	5737.425	5812.625	0.5	PASS

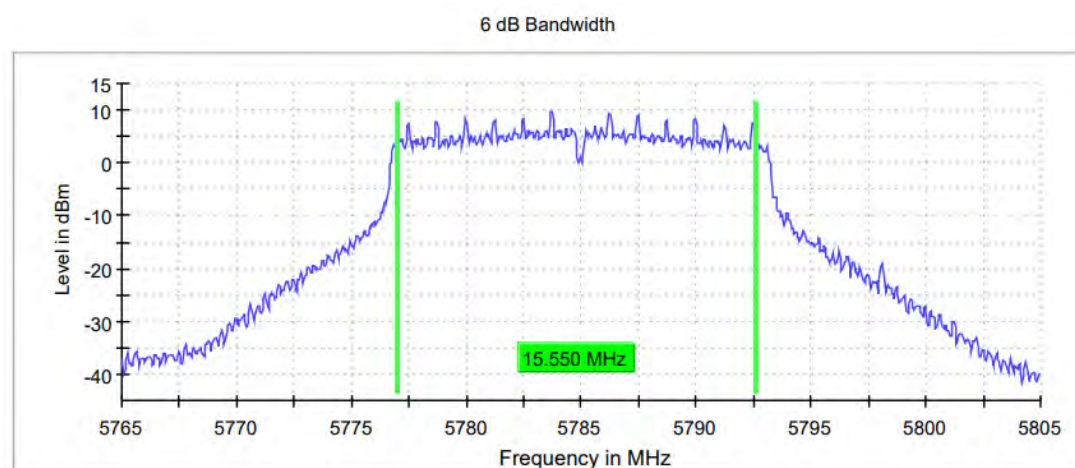


TEST GRAPHS B4

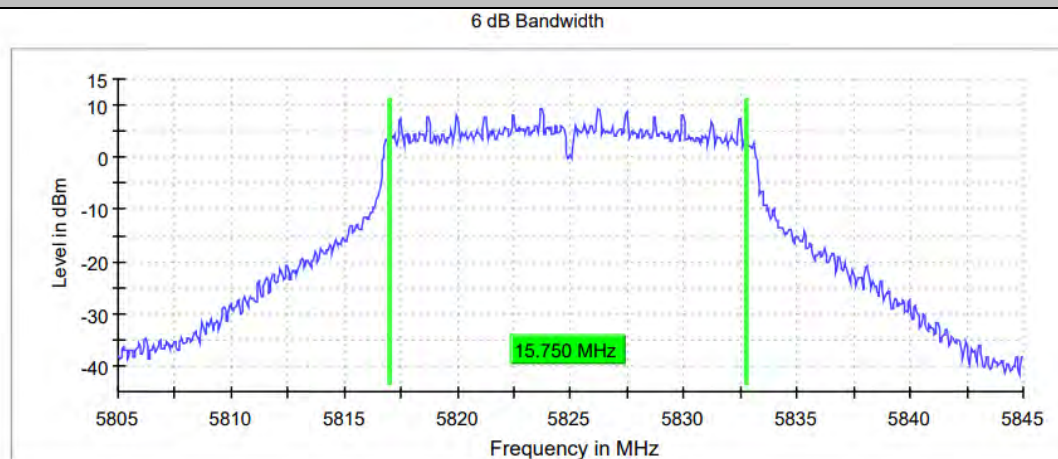
11A_Ant0_5745



11A_Ant0_5785

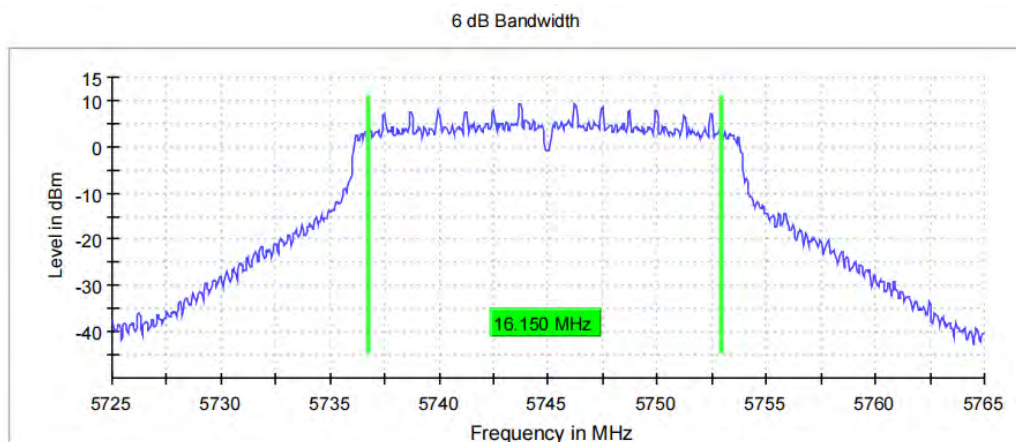


11A_Ant0_5825

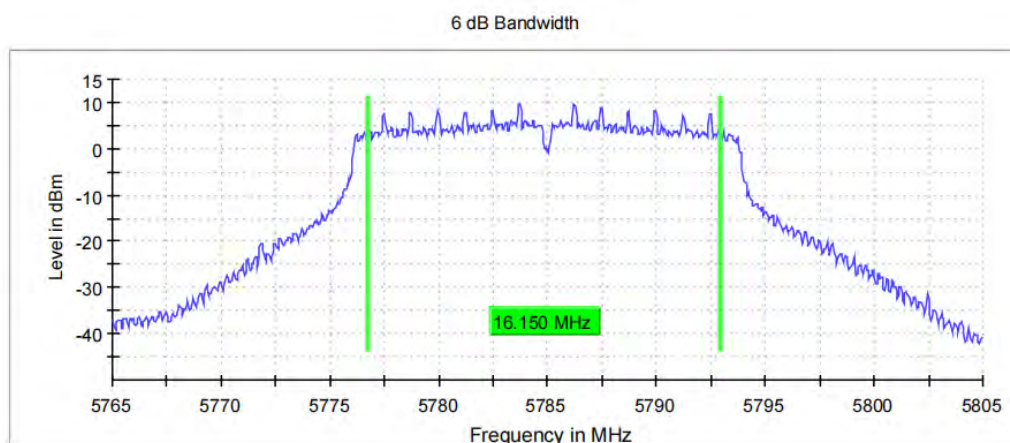




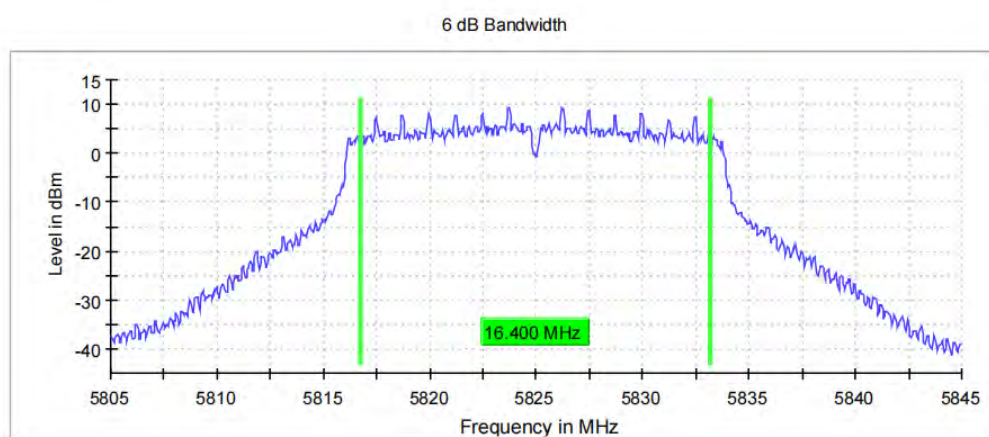
11N20-MIMO_Ant0_5745



11N20-MIMO_Ant0_5785

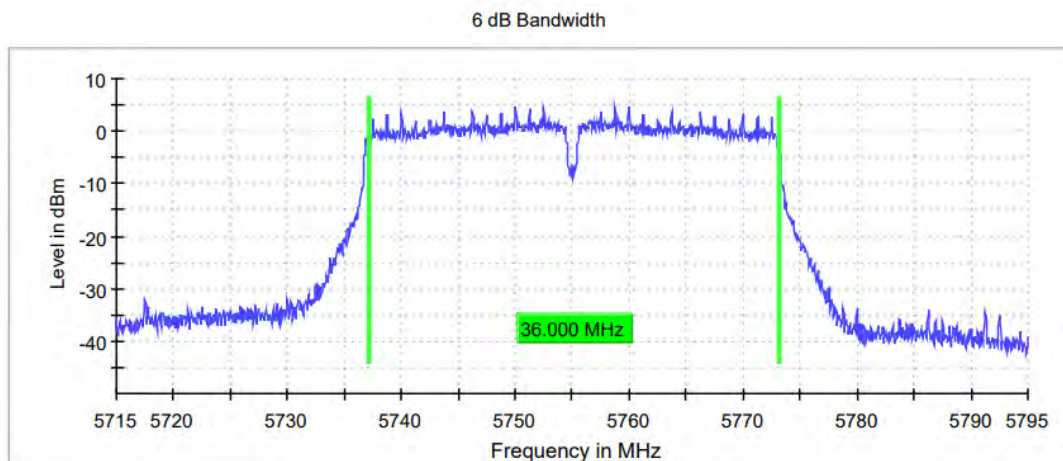


11N20-MIMO_Ant1_5825

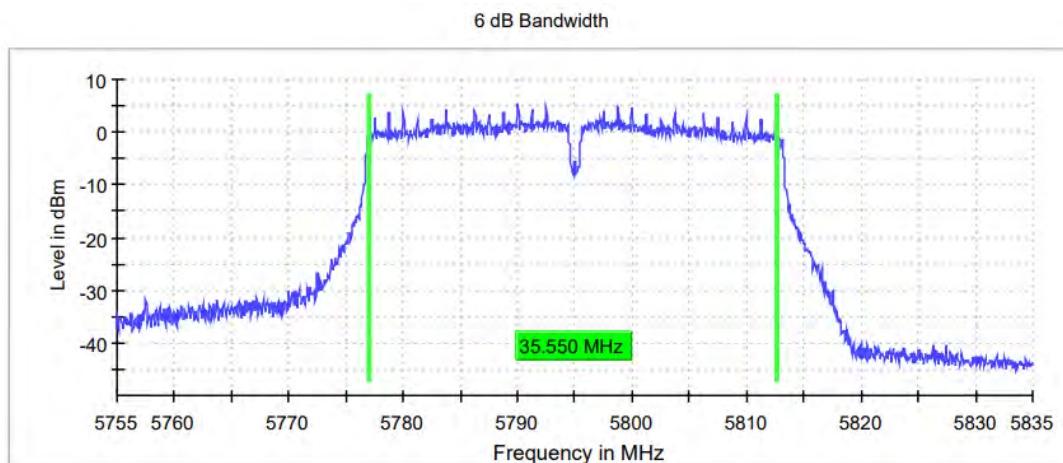




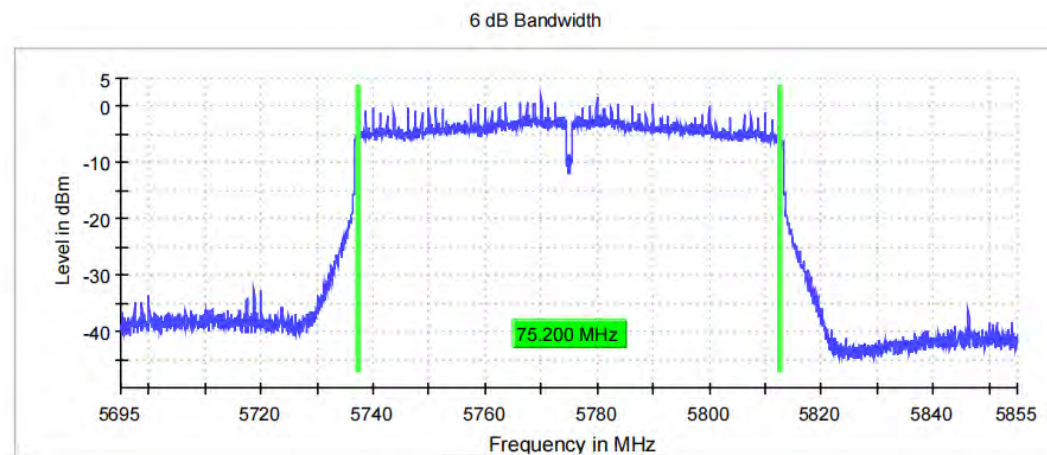
11AC40-MIMO_Ant0_5755



11AC40-MIMO_Ant0_5795



11AC80-MIMO_Ant0_5775



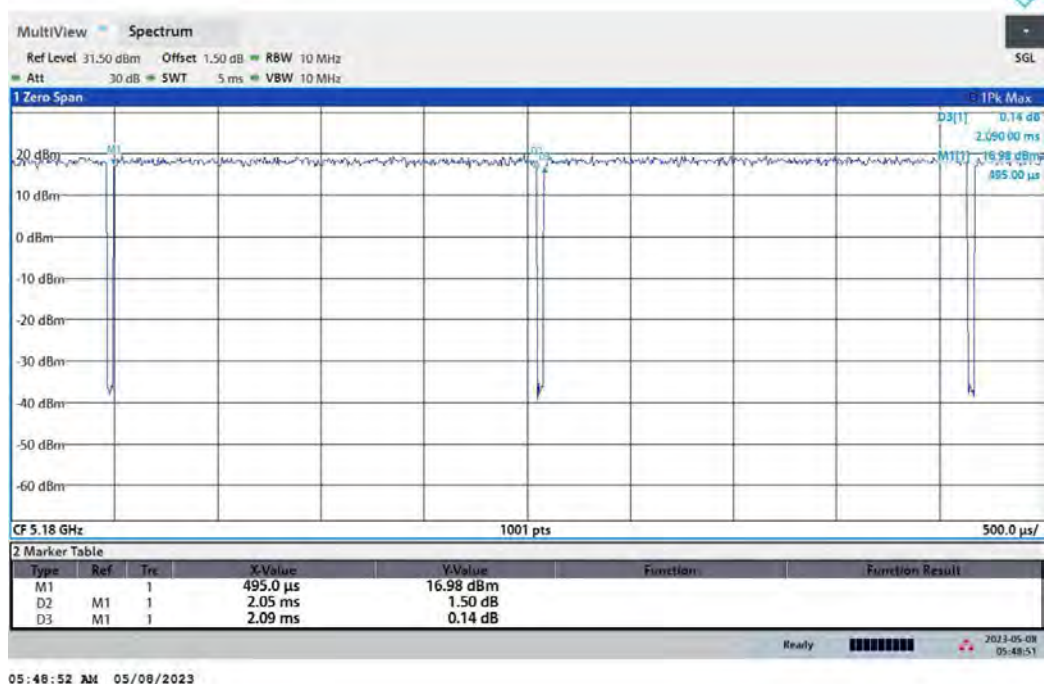
DUTY CYCLE

TEST RESULT

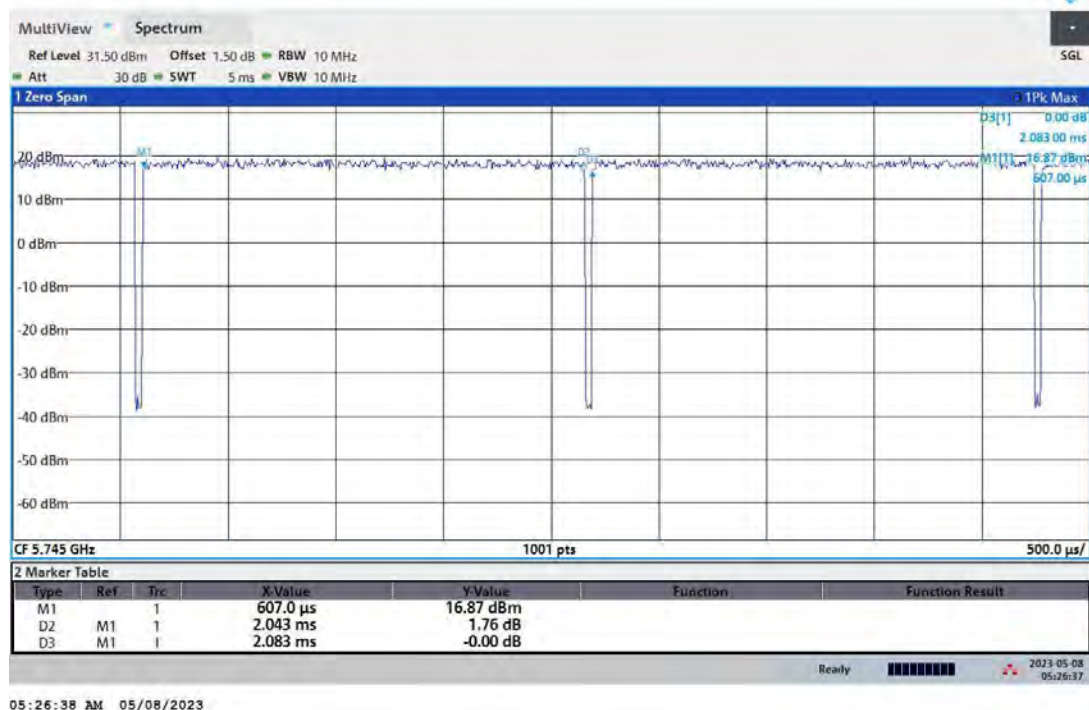
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant0	5180	2.050	2.090	98.09
	Ant0	5745	2.043	2.083	98.08
11N20SISO	Ant0	5180	1.910	1.945	98.20
	Ant0	5745	1.908	1.948	97.95
11AC20SISO	Ant0	5815	1.920	1.955	98.21
	Ant0	5745	1.918	1.958	97.96
11N40SISO	Ant0	5190	0.942	0.977	96.42
	Ant0	5755	0.941	0.977	96.26
11AC40SISO	Ant0	5190	0.942	0.980	96.12
	Ant0	5755	0.946	0.983	96.24
11AC80SISO	Ant0	5210	0.461	0.497	92.66
	Ant0	5775	0.461	0.497	92.66

TEST GRAPHS

11A_Ant0_5180



Band4-11A_Ant0_5745

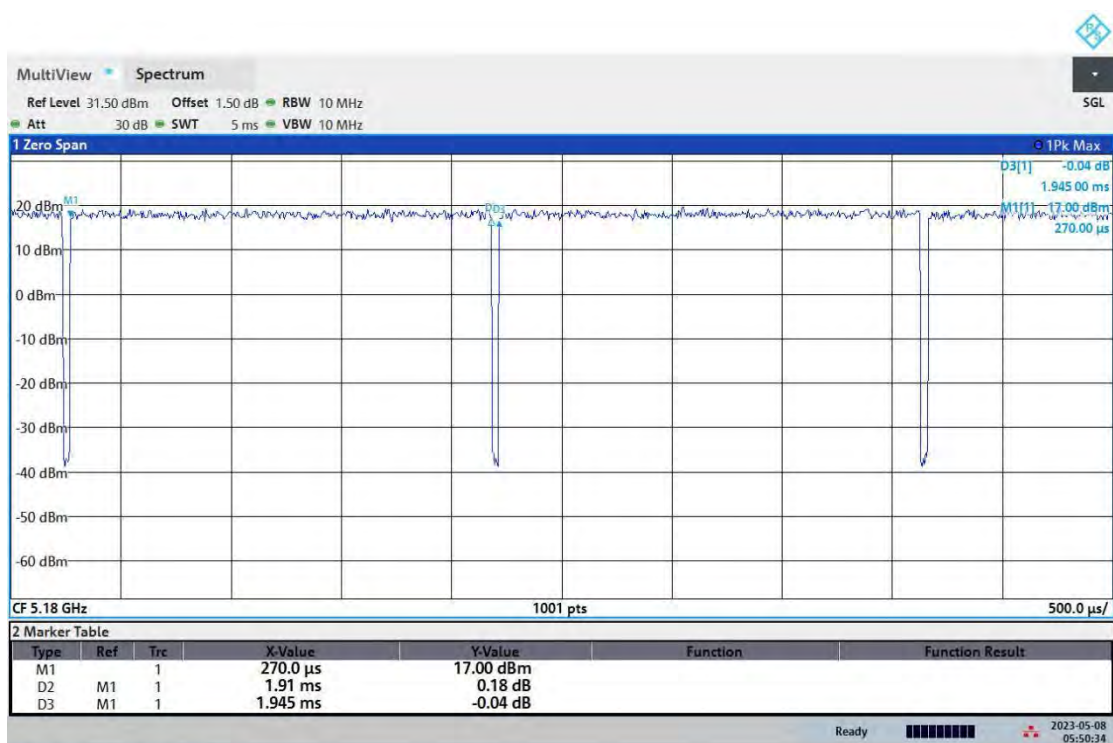




BUREAU
VERITAS

Test Report No.: PSZ-NQN2303280110RF06

11N20SISO_Ant0_5180



05:50:34 AM 05/08/2023

Band4-11N20SISO_Ant0_5745



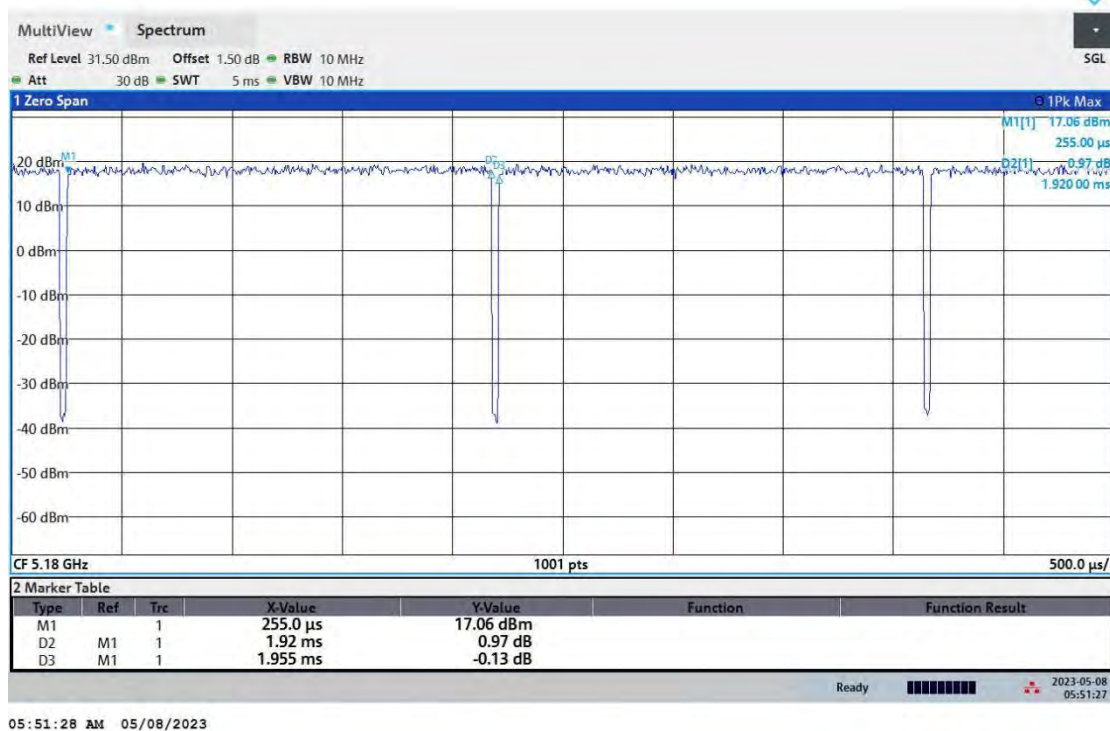
05:27:46 AM 05/08/2023



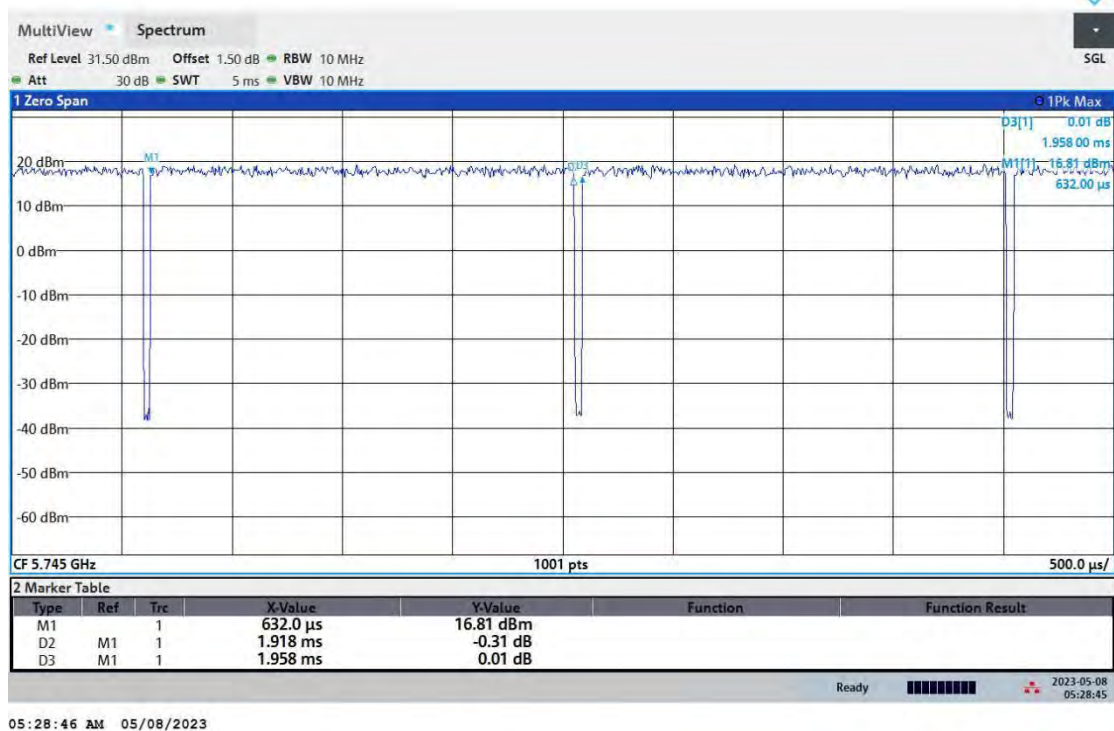
BUREAU
VERITAS

Test Report No.: PSZ-NQN2303280110RF06

11AC20SISO_Ant0_5180



Band4-11AC20SISO_Ant0_5745

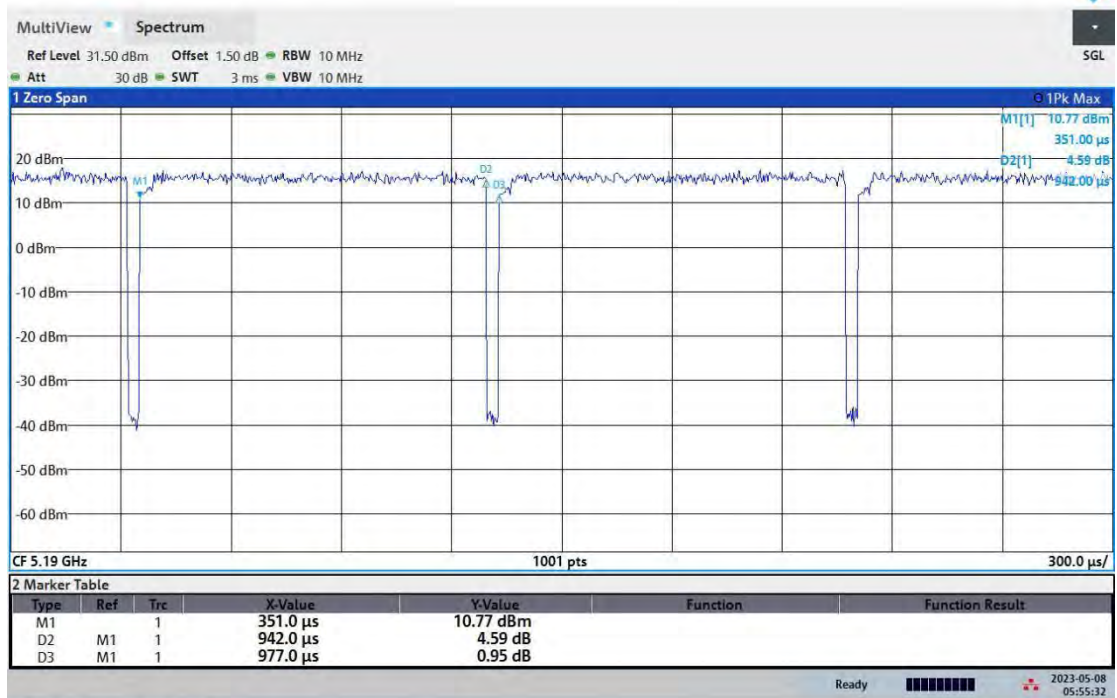




BUREAU
VERITAS

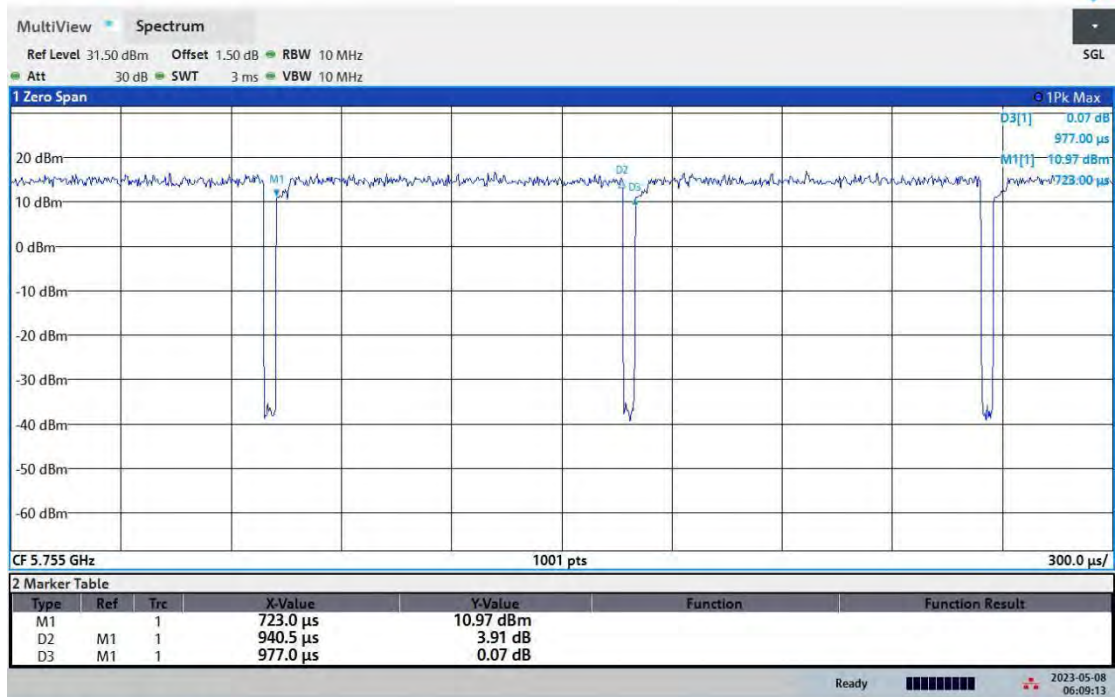
Test Report No.: PSZ-NQN2303280110RF06

11N40SISO_Ant0_5190



05:55:33 AM 05/08/2023

Band4-11N40SISO_Ant0_5755



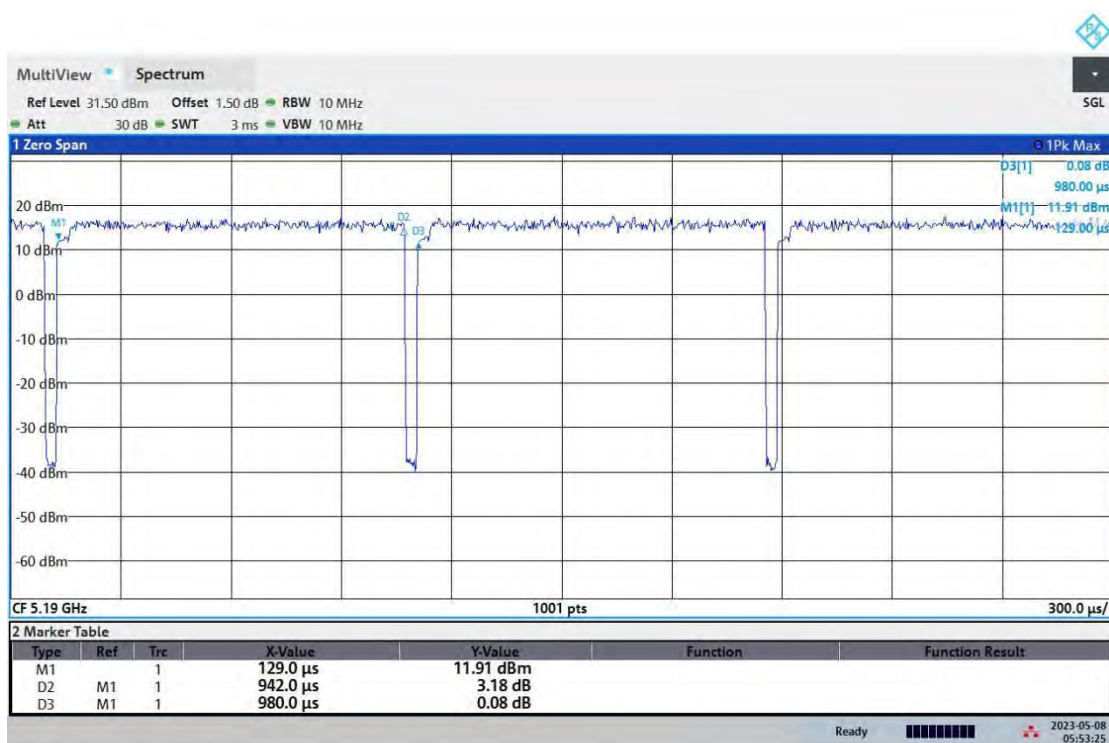
06:09:14 AM 05/08/2023



BUREAU
VERITAS

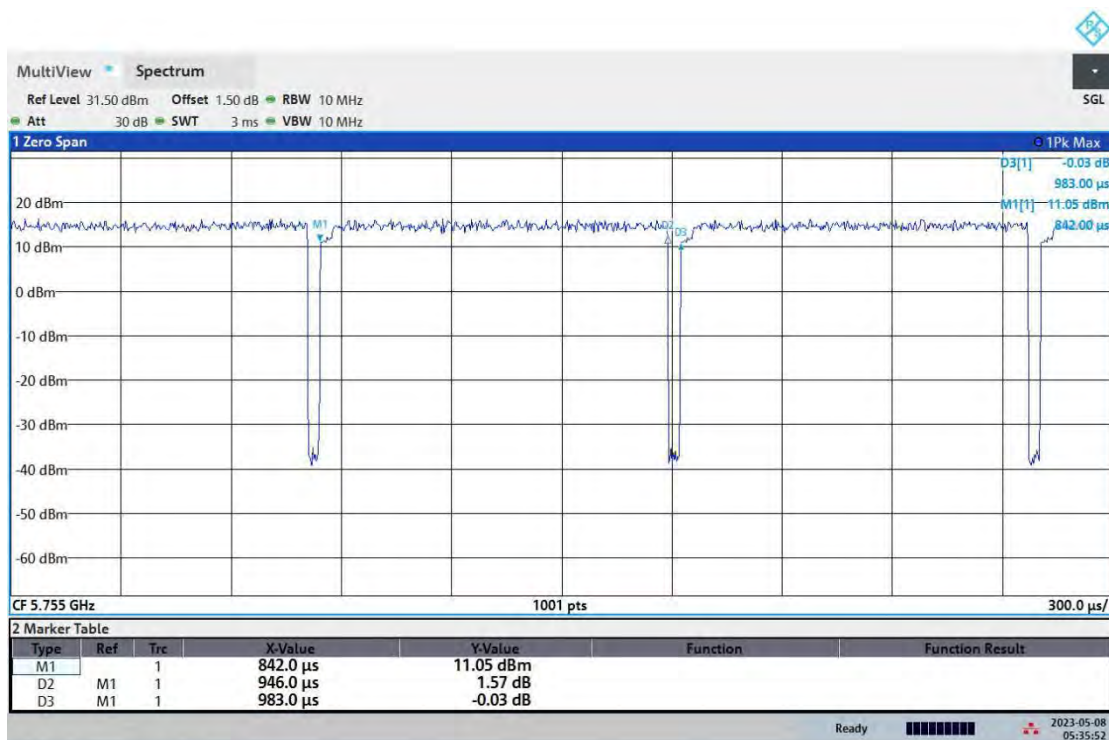
Test Report No.: PSZ-NQN2303280110RF06

11AC40SISO_Ant0_5190



05:53:26 AM 05/08/2023

Band4-11AC40SISO_Ant0_5755



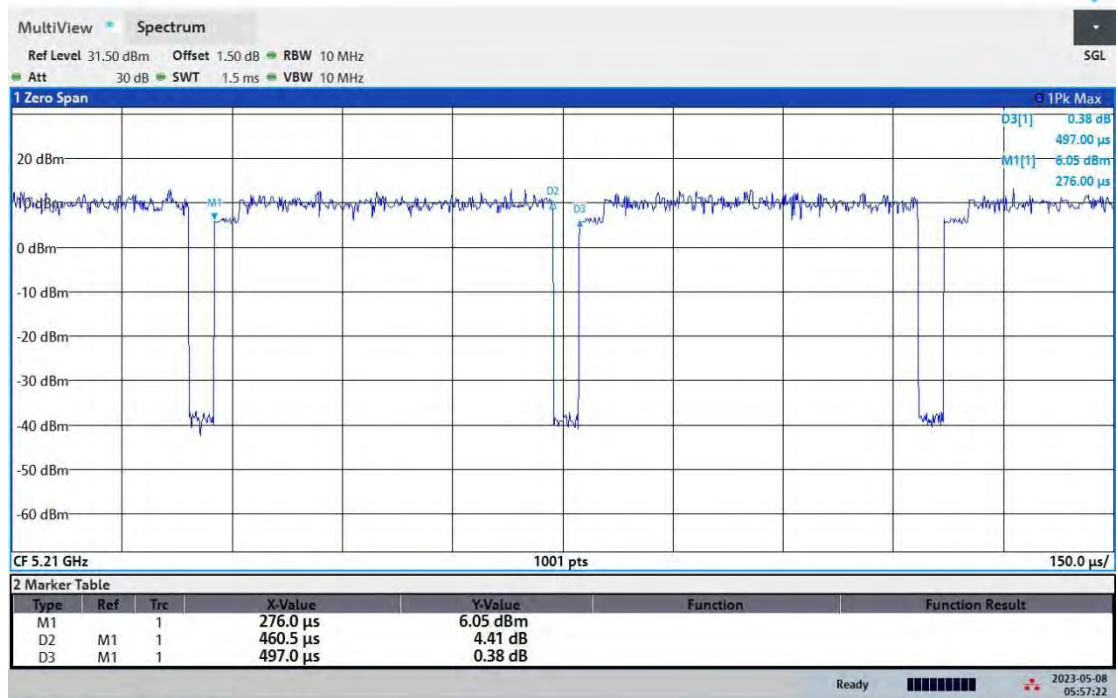
05:35:53 AM 05/08/2023



BUREAU
VERITAS

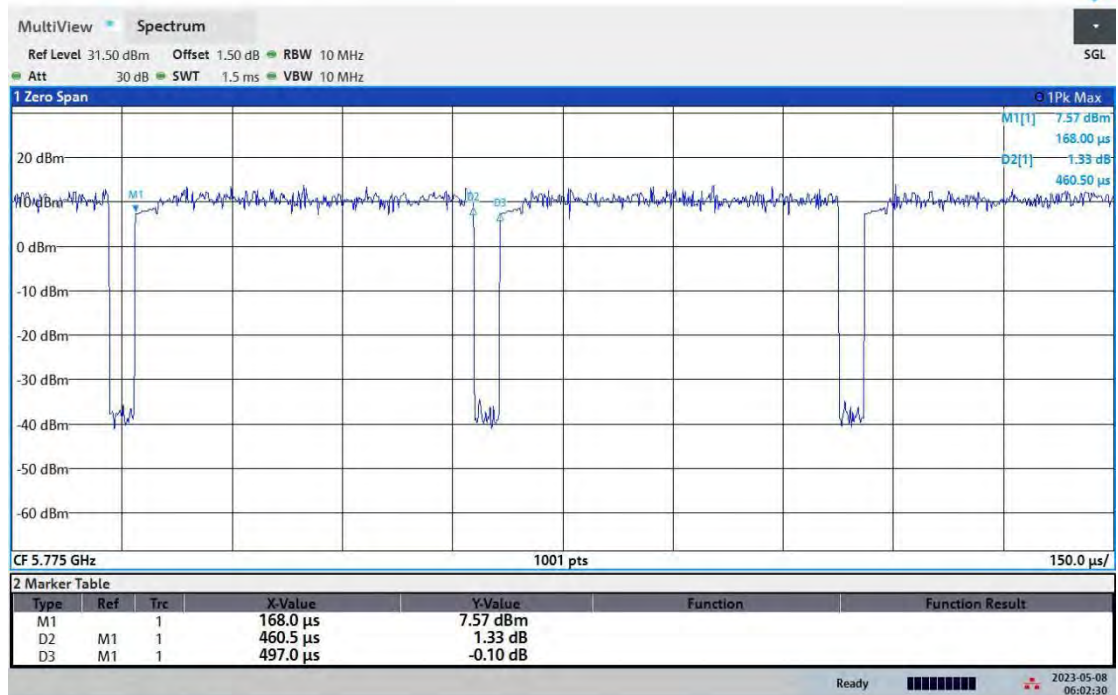
Test Report No.: PSZ-NQN2303280110RF06

11AC80SISO_Ant0_5210



05:57:23 AM 05/08/2023

Band4-11AC80SISO_Ant0_5775



06:02:31 AM 05/08/2023

MAXIMUM CONDUCTED OUTPUT POWER

TEST RESULT

Mode	TX Type	Freq. (MHz)	Maximum Conducted Power (dBm)	FCC Limit (dBm)	EIRP (dBm)	Verdict	Power setting
802.11a	SISO	5180	16.91	≤24.00	16.99	Pass	16
		5200	16.54	≤24.00	16.62	Pass	16
		5240	16.80	≤24.00	16.88	Pass	16
		5260	16.97	≤24.00	17.05	Pass	16
		5300	16.57	≤24.00	16.65	Pass	16
		5320	16.90	≤24.00	16.98	Pass	16
		5500	16.27	≤24.00	16.35	Pass	16
		5580	16.54	≤24.00	16.62	Pass	16
		5700	16.62	≤24.00	16.70	Pass	16
		5720	16.59	≤24.00	16.67	Pass	16
		5745	16.50	≤30.00	16.58	Pass	16
		5785	16.87	≤30.00	16.95	Pass	16
		5825	16.66	≤30.00	16.74	Pass	16
802.11n (HT20)	SISO	5180	16.80	≤24.00	16.88	Pass	16
		5200	16.42	≤24.00	16.50	Pass	16
		5240	16.68	≤24.00	16.76	Pass	16
		5260	16.85	≤24.00	16.93	Pass	16
		5300	16.40	≤24.00	16.48	Pass	16
		5320	16.73	≤24.00	16.81	Pass	16
		5500	16.44	≤24.00	16.52	Pass	16
		5580	16.37	≤24.00	16.45	Pass	16
		5700	16.43	≤24.00	16.51	Pass	16
		5720	16.39	≤24.00	16.47	Pass	16
		5745	16.33	≤30.00	16.42	Pass	16
		5785	16.70	≤30.00	16.79	Pass	16
		5825	16.46	≤30.00	16.55	Pass	16



802.11n (VHT40)	SISO	5190	15.29	≤24.00	15.45	Pass	15
		5230	15.28	≤24.00	15.44	Pass	15
		5270	15.56	≤24.00	15.72	Pass	15
		5310	15.58	≤24.00	15.74	Pass	15
		5510	15.69	≤24.00	15.85	Pass	15
		5550	15.38	≤24.00	15.54	Pass	15
		5670	15.90	≤24.00	16.06	Pass	15
		5710	15.73	≤24.00	15.89	Pass	15
		5755	15.70	≤30.00	15.87	Pass	15
		5795	15.96	≤30.00	16.13	Pass	15
802.11ac (VHT20)	SISO	5180	15.74	≤24.00	15.82	Pass	15
		5200	15.37	≤24.00	15.45	Pass	15
		5240	15.59	≤24.00	15.67	Pass	15
		5260	15.76	≤24.00	15.84	Pass	15
		5300	15.34	≤24.00	15.42	Pass	15
		5320	15.66	≤24.00	15.74	Pass	15
		5500	15.90	≤24.00	15.98	Pass	15
		5580	15.90	≤24.00	15.98	Pass	15
		5700	15.95	≤24.00	16.03	Pass	15
		5720	15.92	≤24.00	16.00	Pass	15
		5745	15.89	≤30.00	15.98	Pass	15
		5785	16.16	≤30.00	16.25	Pass	15
		5825	16.14	≤30.00	16.23	Pass	15
802.11ac (VHT40)	SISO	5190	15.27	≤24.00	15.44	Pass	15
		5230	15.26	≤24.00	15.43	Pass	15
		5270	15.55	≤24.00	15.72	Pass	15
		5310	15.58	≤24.00	15.75	Pass	15
		5510	15.69	≤24.00	15.86	Pass	15
		5550	15.37	≤24.00	15.54	Pass	15
		5670	15.90	≤24.00	16.07	Pass	15
		5710	15.74	≤24.00	15.91	Pass	15
		5755	15.69	≤30.00	15.86	Pass	15
		5795	15.98	≤30.00	16.15	Pass	15
802.11ac		5210	14.04	≤24.00	14.37	Pass	14



Test Report No.: PSZ-NQN2303280110RF06

(VHT80)	SISO	5290	14.25	≤ 24.00	14.25	Pass	14
		5530	14.42	≤ 24.00	14.75	Pass	14
		5610	14.49	≤ 24.00	14.49	Pass	14
		5690	14.76	≤ 24.00	15.09	Pass	14
		5775	14.64	≤ 30.00	14.97	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	8.271	≤11.00	/	/	PASS
	Ant0	5200	7.611	≤11.00	/	/	PASS
	Ant0	5240	8.119	≤11.00	/	/	PASS
	Ant0	5260	8.264	≤11.00	/	/	PASS
	Ant0	5300	7.752	≤11.00	/	/	PASS
	Ant0	5320	8.259	≤11.00	/	/	PASS
	Ant0	5500	8.004	≤11.00	/	/	PASS
	Ant0	5580	7.964	≤11.00	/	/	PASS
	Ant0	5700	7.887	≤11.00	/	/	PASS
	Ant0	5720	7.821	≤11.00	/	/	PASS
	Ant0	5745	4.987	≤30.00	/	/	PASS
	Ant0	5785	5.262	≤30.00	/	/	PASS
	Ant0	5825	5.168	≤30.00	/	/	PASS
11N20-MIMO	Ant0	5180	7.821	≤11.00	/	/	PASS
	Ant0	5200	7.271	≤11.00	/	/	PASS
	Ant0	5240	7.707	≤11.00	/	/	PASS
	Ant0	5260	7.899	≤11.00	/	/	PASS
	Ant0	5300	7.453	≤11.00	/	/	PASS
	Ant0	5320	7.806	≤11.00	/	/	PASS
	Ant0	5500	7.598	≤11.00	/	/	PASS
	Ant0	5580	7.608	≤11.00	/	/	PASS
	Ant0	5700	7.372	≤11.00	/	/	PASS
	Ant0	5720	7.438	≤11.00	/	/	PASS
	Ant0	5745	4.517	≤30.00	/	/	PASS
	Ant0	5785	4.798	≤30.00	/	/	PASS
	Ant0	5825	4.819	≤30.00	/	/	PASS
11AC40-MIMO	Ant0	5190	3.309	≤11.00	/	/	PASS
	Ant0	5230	3.340	≤11.00	/	/	PASS
	Ant0	5270	3.520	≤11.00	/	/	PASS
	Ant0	5310	3.694	≤11.00	/	/	PASS

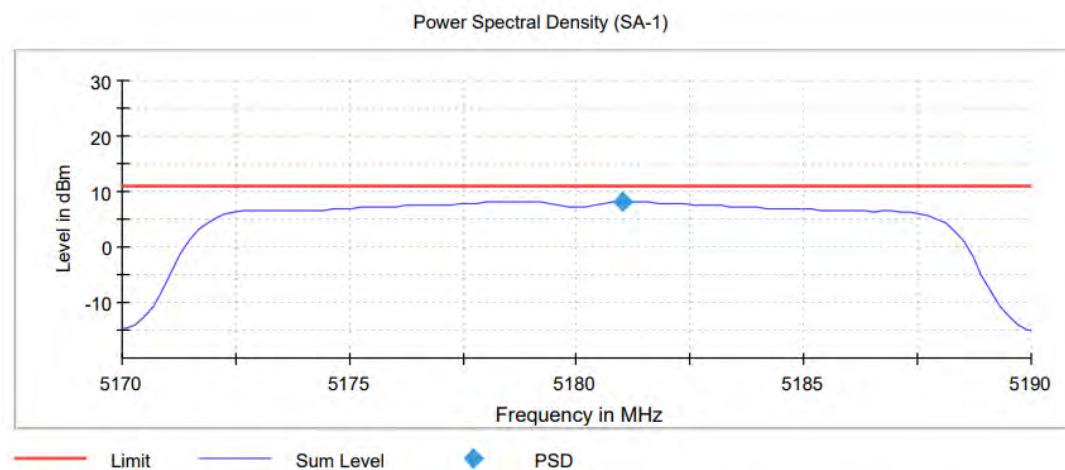


	Ant0	5510	3.995	≤ 11.00	/	/	PASS
	Ant0	5550	3.758	≤ 11.00	/	/	PASS
	Ant0	5670	3.919	≤ 11.00	/	/	PASS
	Ant0	5710	3.828	≤ 11.00	/	/	PASS
	Ant0	5755	0.811	≤ 30.00	/	/	PASS
	Ant0	5795	1.291	≤ 30.00	/	/	PASS
11AC80-MIMO	Ant0	5210	-1.665	≤ 11.00	/	/	PASS
	Ant0	5290	-1.494	≤ 11.00	/	/	PASS
	Ant0	5530	-0.694	≤ 11.00	/	/	PASS
	Ant0	5610	-0.659	≤ 11.00	/	/	PASS
	Ant0	5690	-0.404	≤ 11.00	/	/	PASS
	Ant0	5775	-3.294	≤ 30.00	/	/	PASS

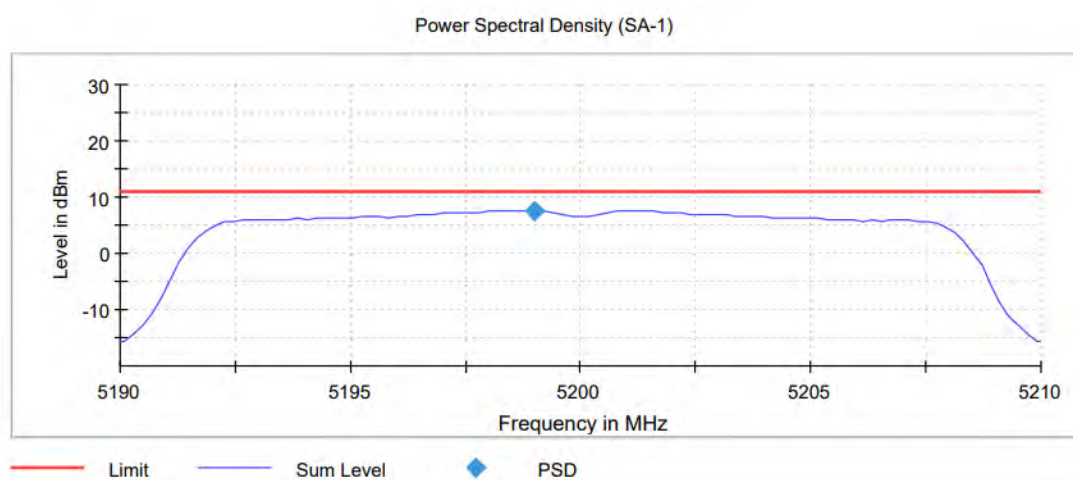
Note: 1.PPSD is EIRP PSD

TEST GRAPHS

11A_An0_5180



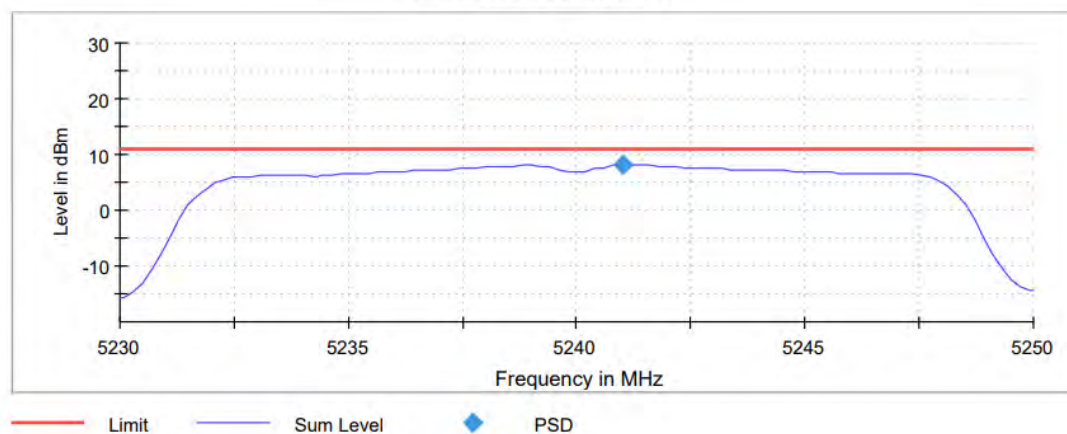
11A_An0_5200





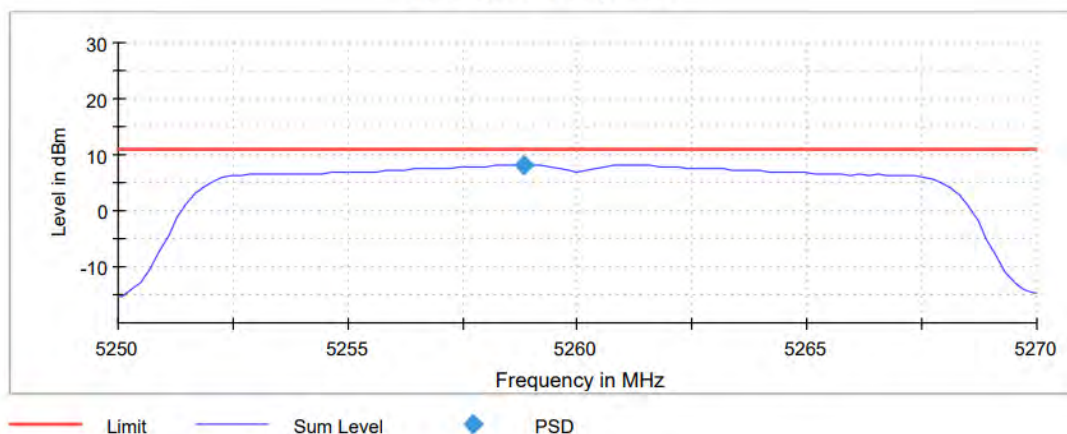
11A_Ant0_5240

Power Spectral Density (SA-1)



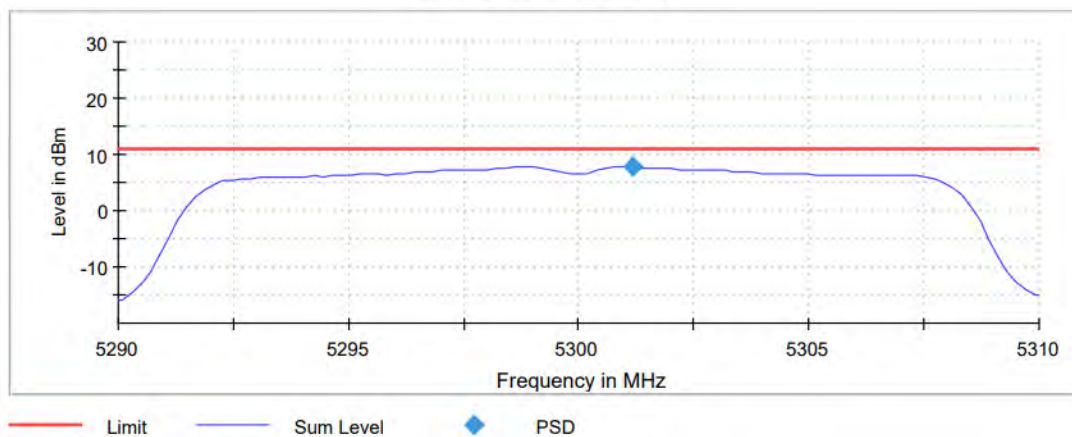
11A_Ant0_5260

Power Spectral Density (SA-1)



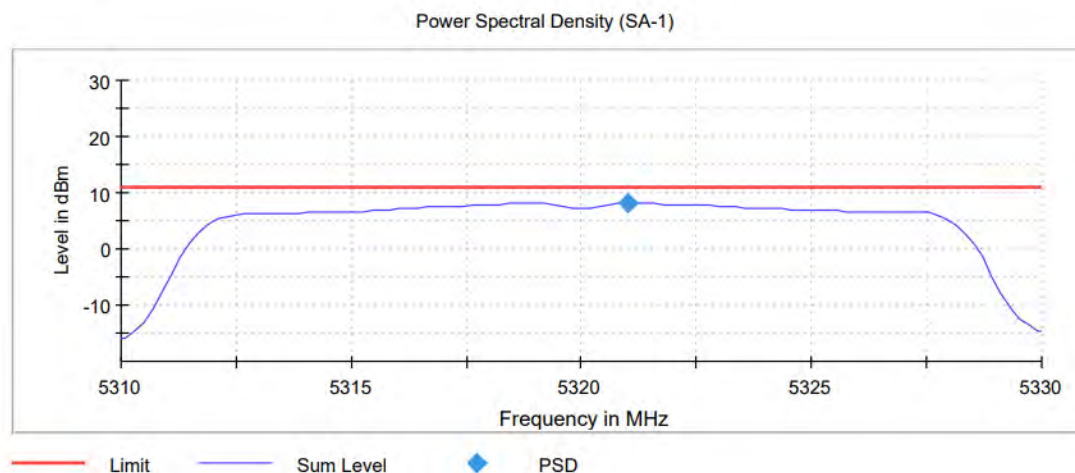
11A_Ant0_5300

Power Spectral Density (SA-1)

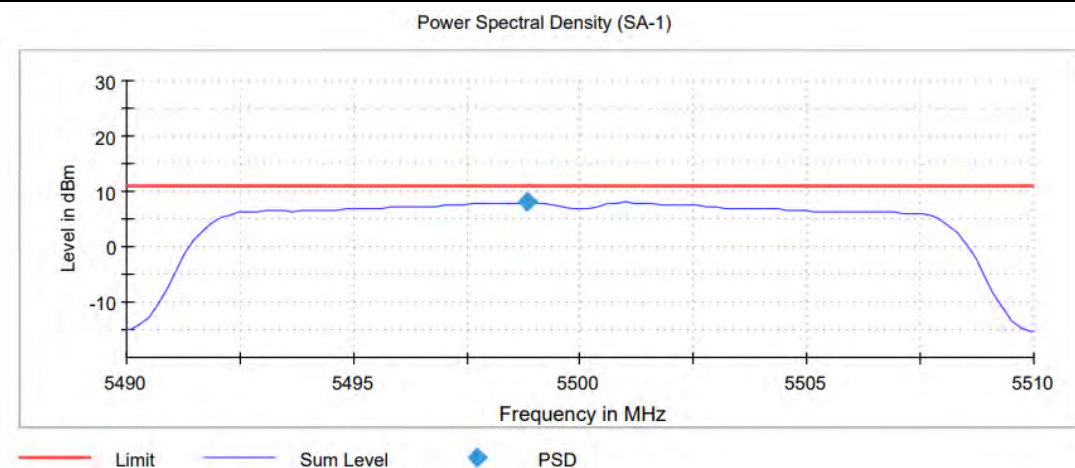




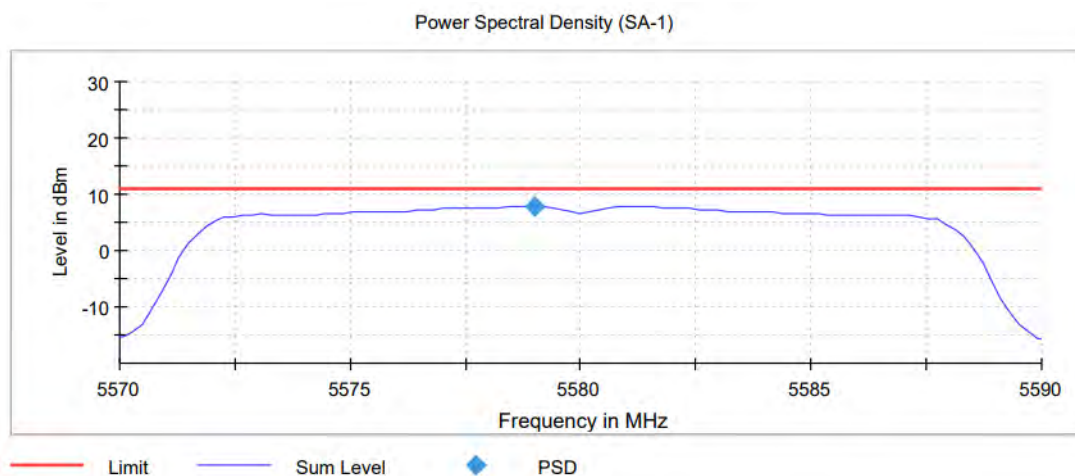
11A_Ant0_5320



11A_Ant0_5500



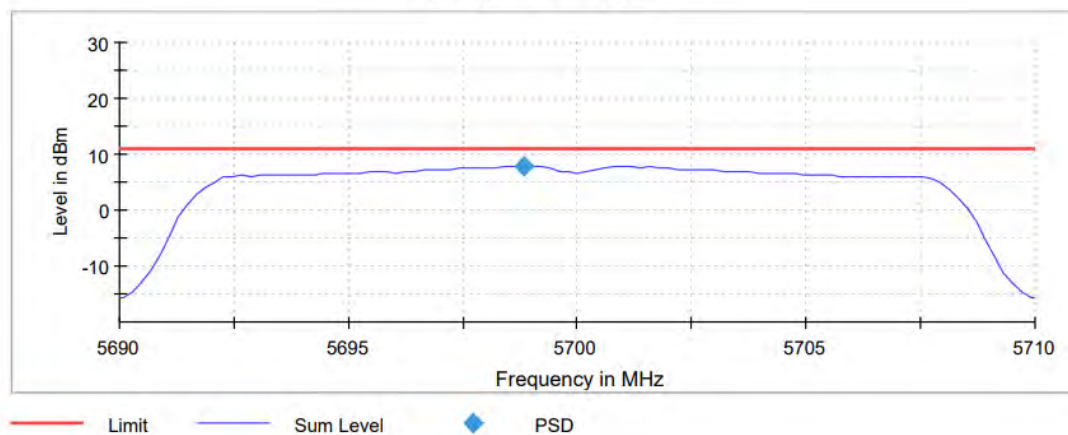
11A_Ant0_5580





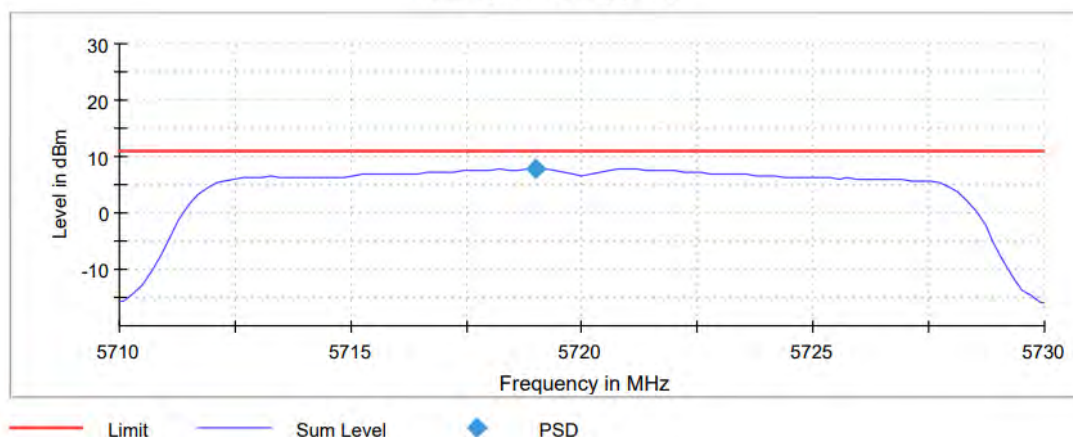
11A_Ant0_5700

Power Spectral Density (SA-1)



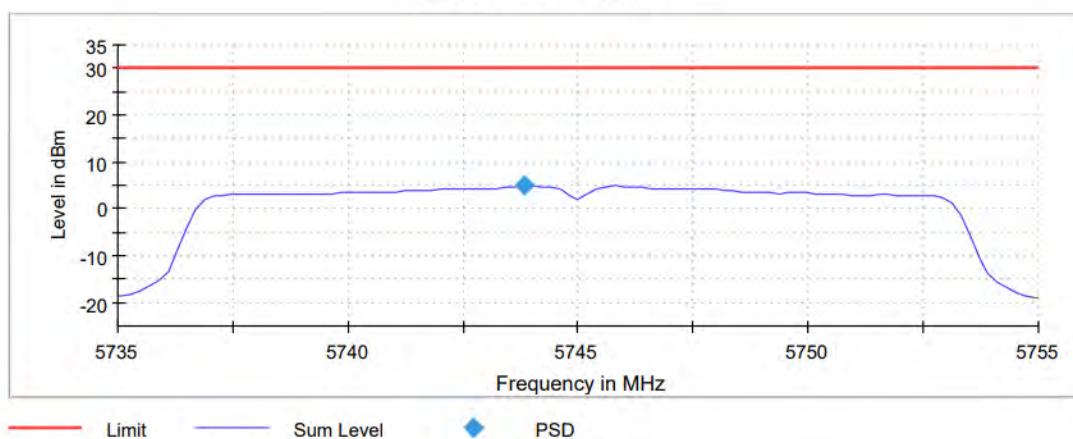
11A-BAND4_Ant0_5720

Power Spectral Density (SA-1)



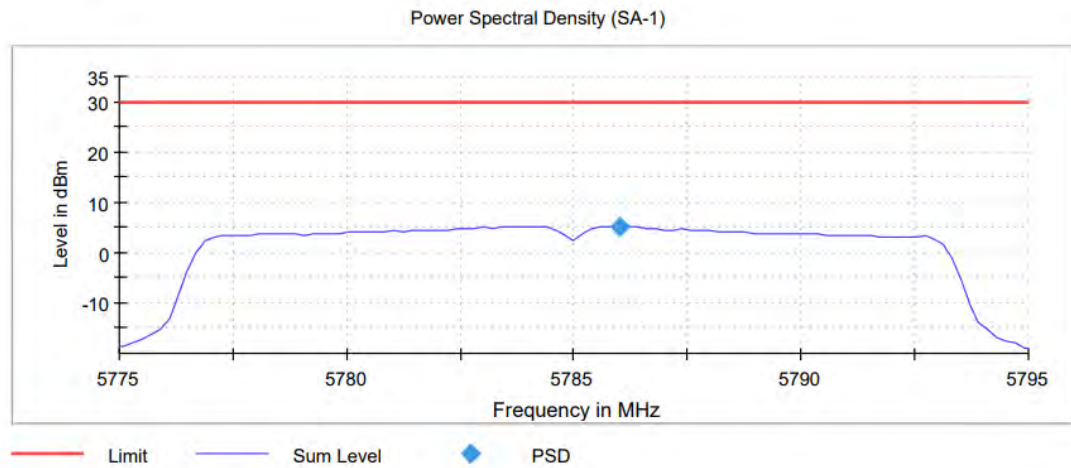
11A-BAND4_Ant0_5745

Power Spectral Density (SA-1)

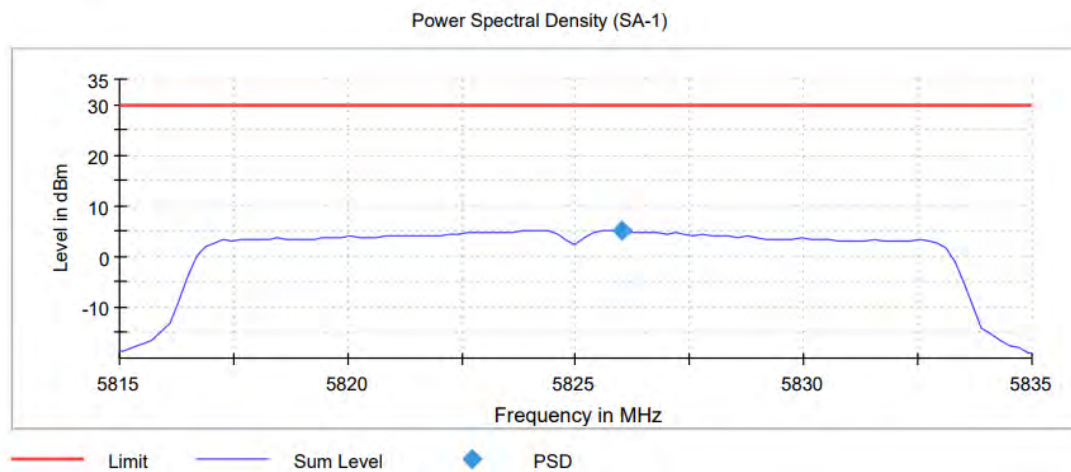




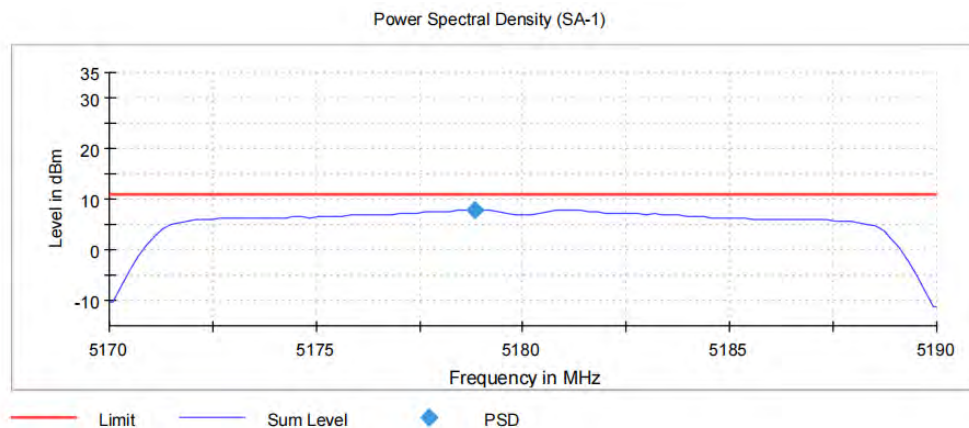
11A-BAND4_Ant0_5785



11A-BAND4_Ant0_5825

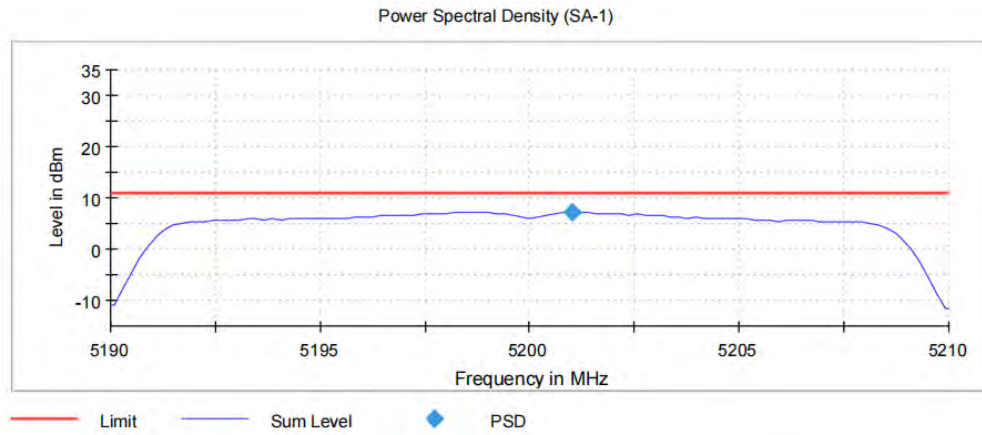


11N20_An0_5180

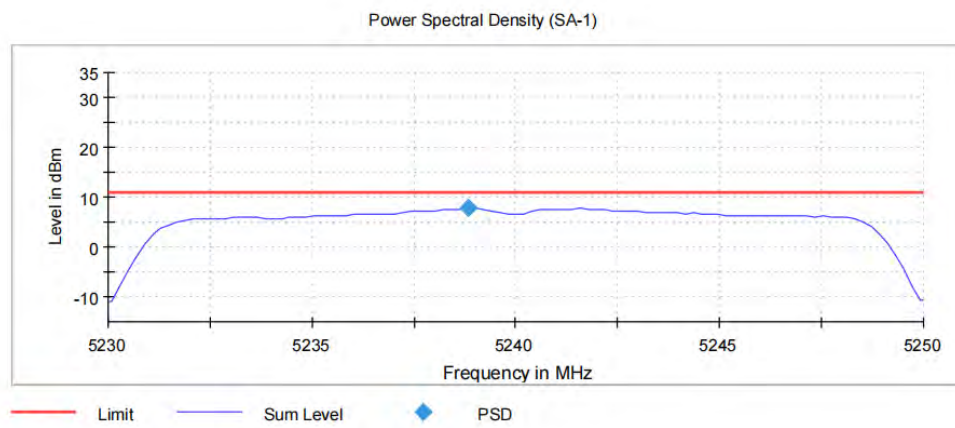




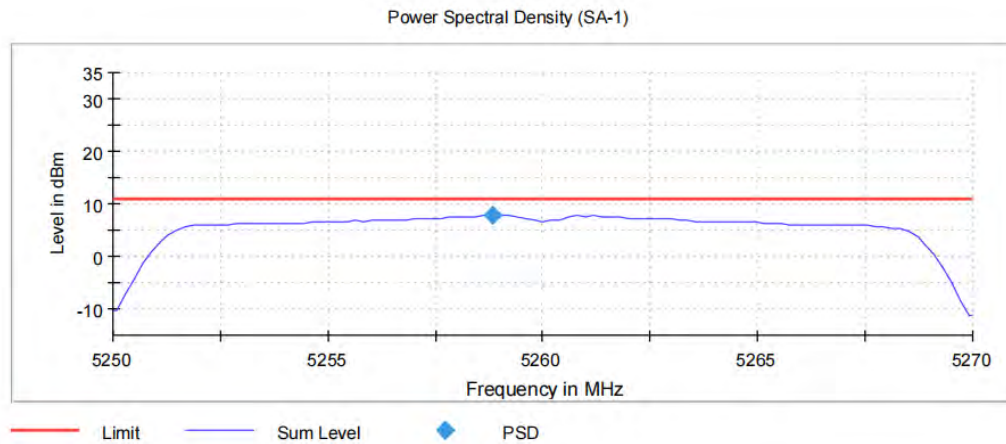
11N20_An0_5200



11N20_Ant0_5240



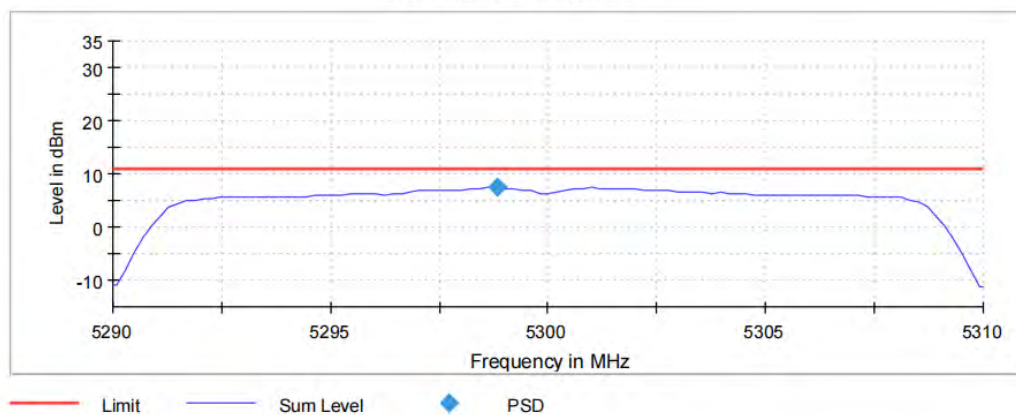
11N20_Ant0_5260





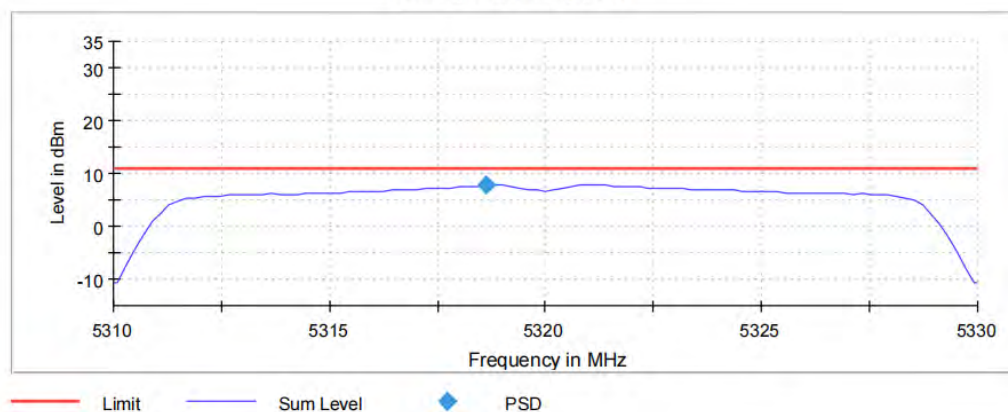
11N20_Ant0_5300

Power Spectral Density (SA-1)



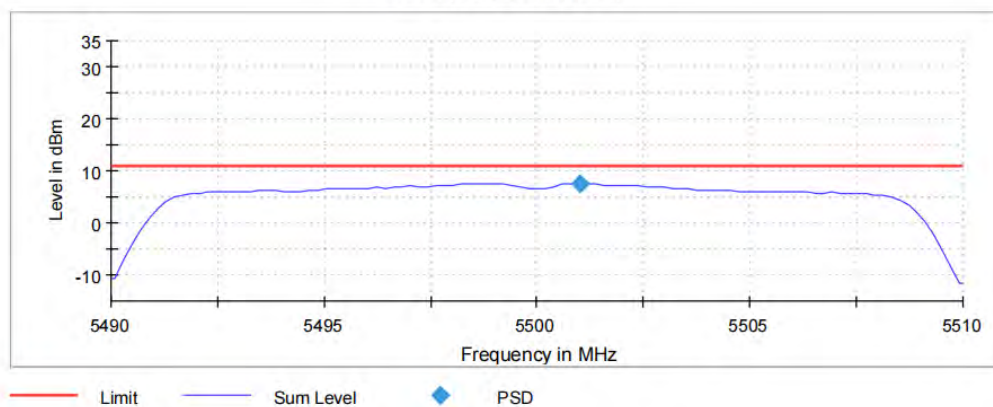
11N20_Ant0_5320

Power Spectral Density (SA-1)



11N20_Ant0_5500

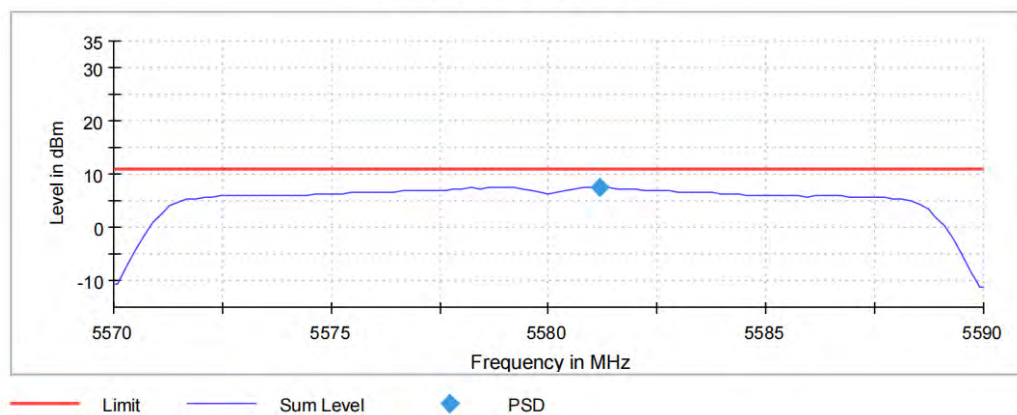
Power Spectral Density (SA-1)





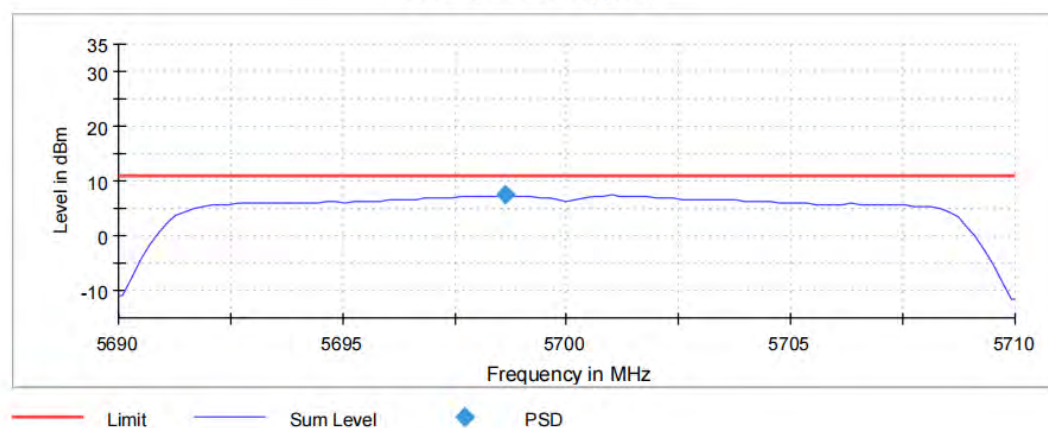
11N20_Ant0_5580

Power Spectral Density (SA-1)



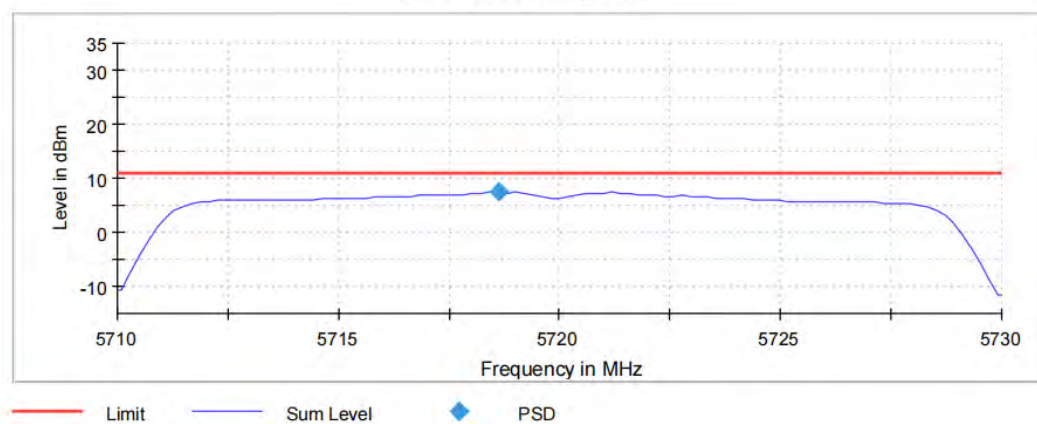
11N20_Ant0_5700

Power Spectral Density (SA-1)



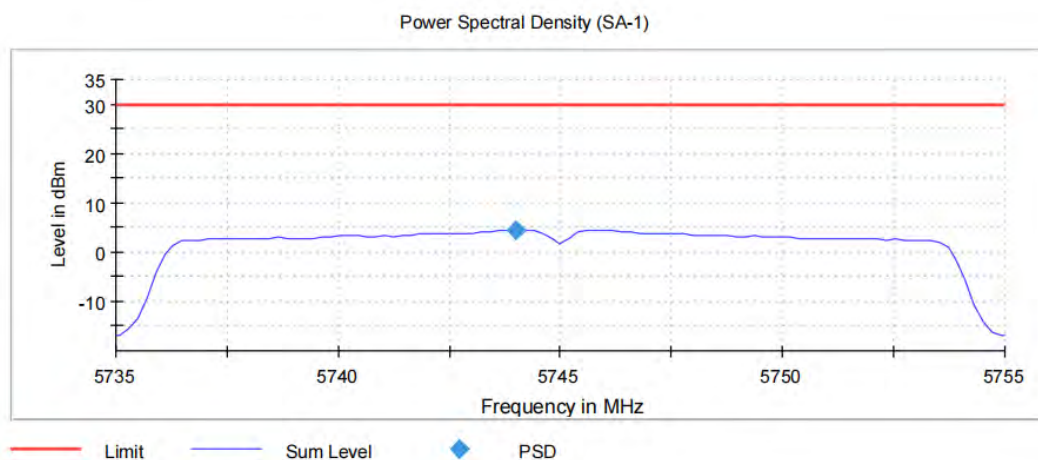
11N20-BAND4_Ant0_5720

Power Spectral Density (SA-1)

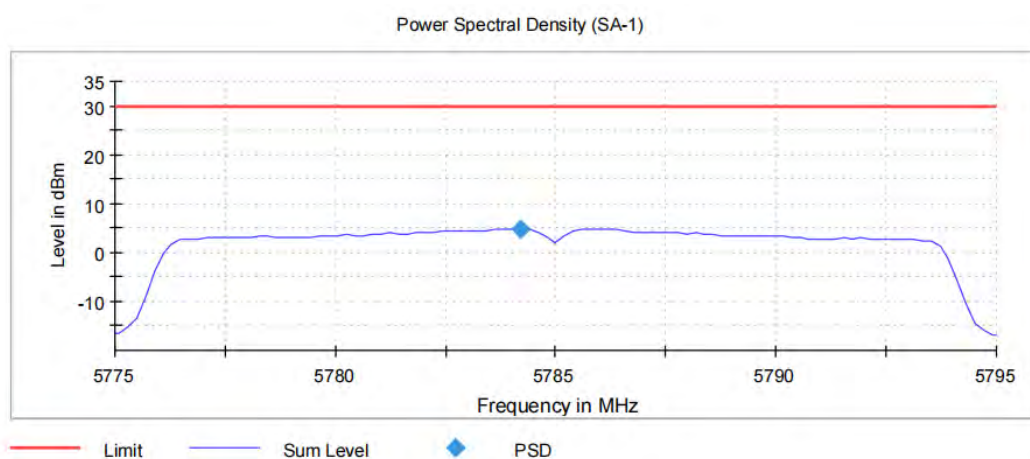




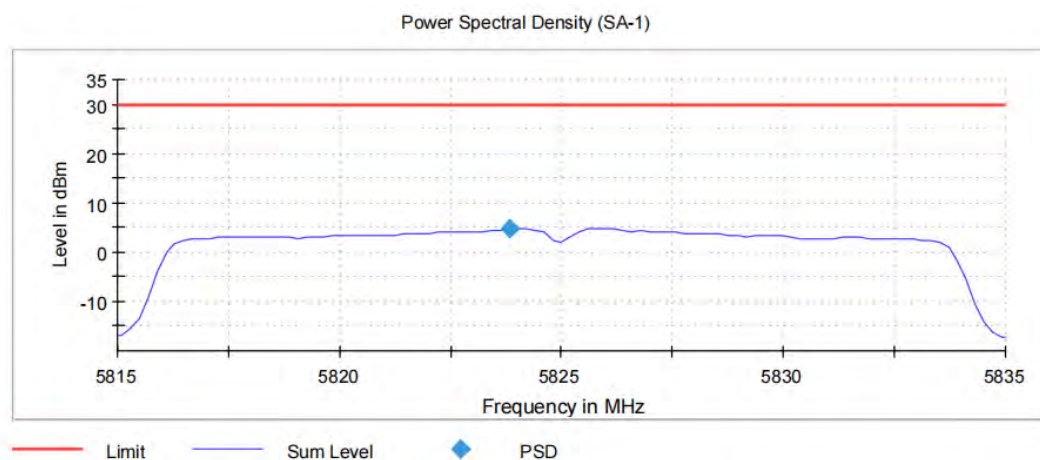
11N20-BAND4_Ant0_5745



11N20-BAND4_Ant0_5785



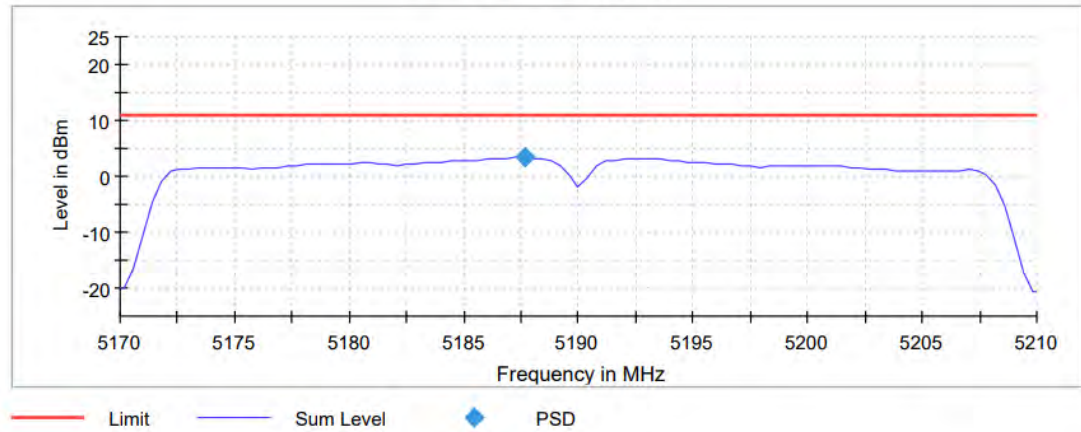
11N20-BAND4_Ant0_5825





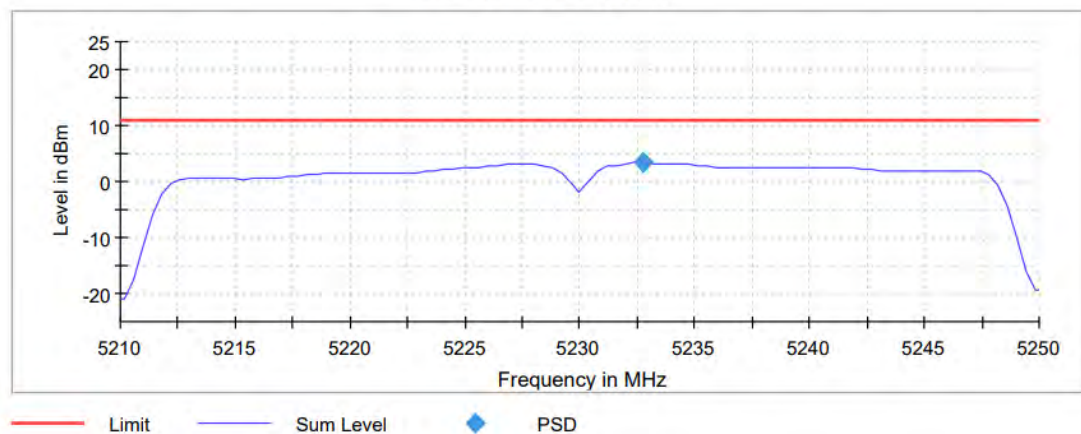
11AC40_An0_5190

Power Spectral Density (SA-1)



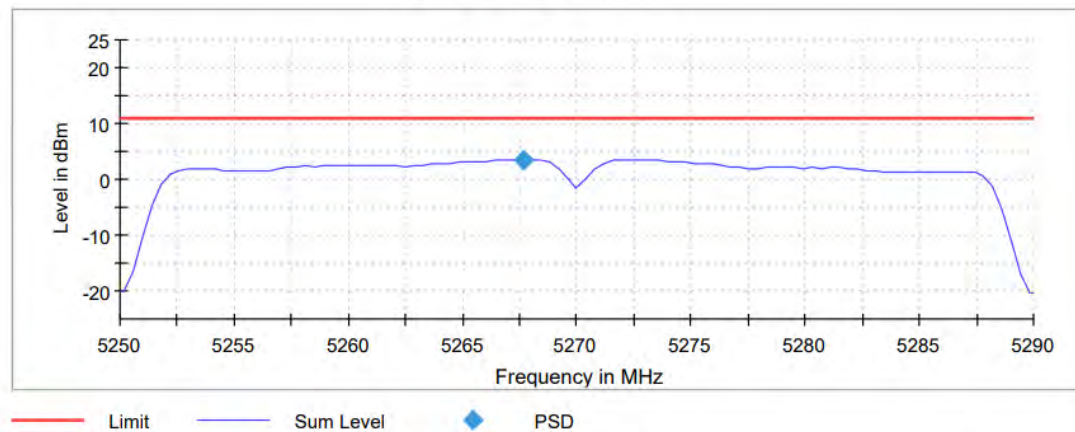
11AC40_An0_5230

Power Spectral Density (SA-1)



11AC40_Ant0_5270

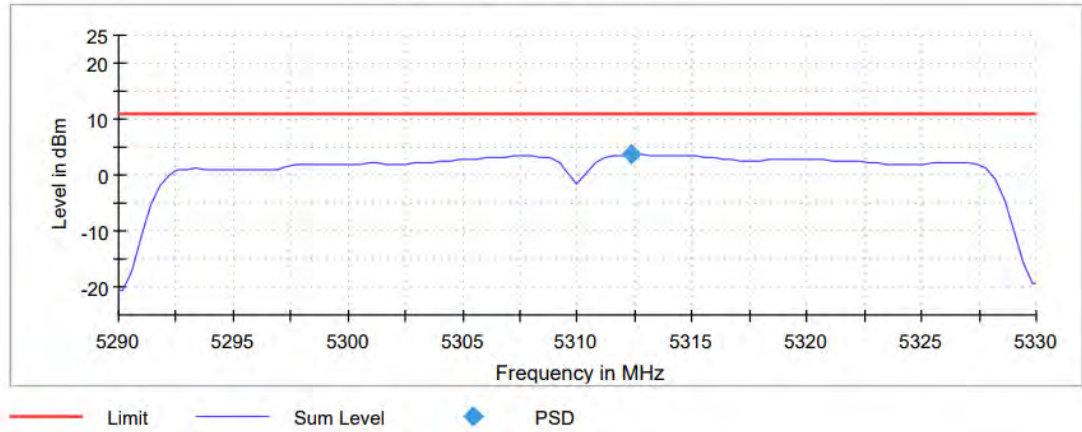
Power Spectral Density (SA-1)





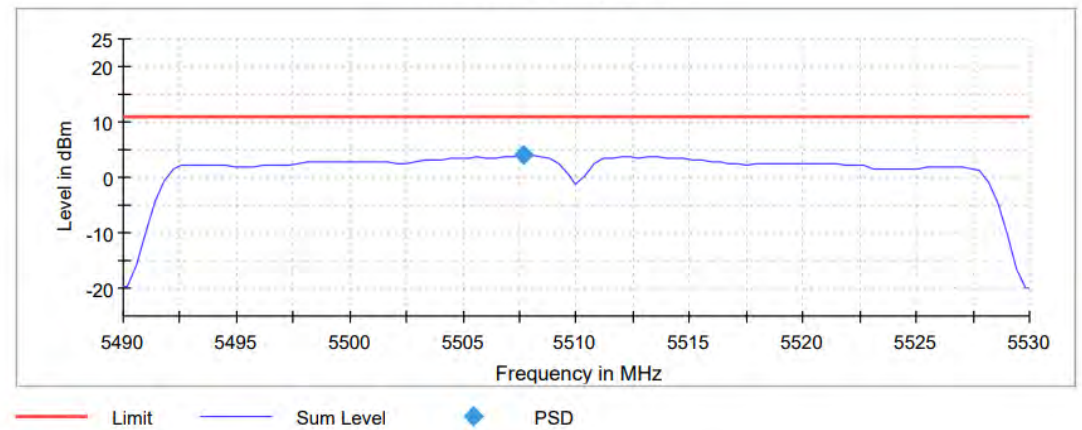
11AC40_Ant0_5310

Power Spectral Density (SA-1)



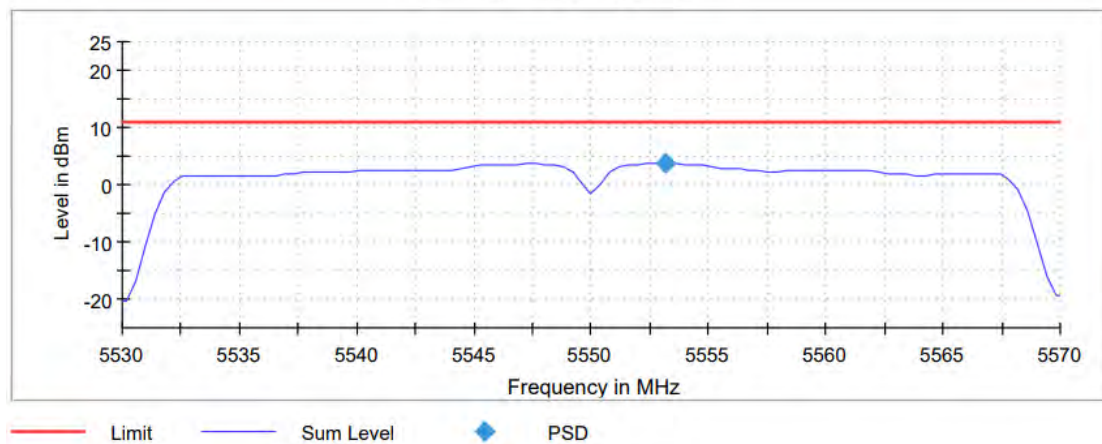
11AC40_Ant0_5510

Power Spectral Density (SA-1)



11AC40_Ant0_5550

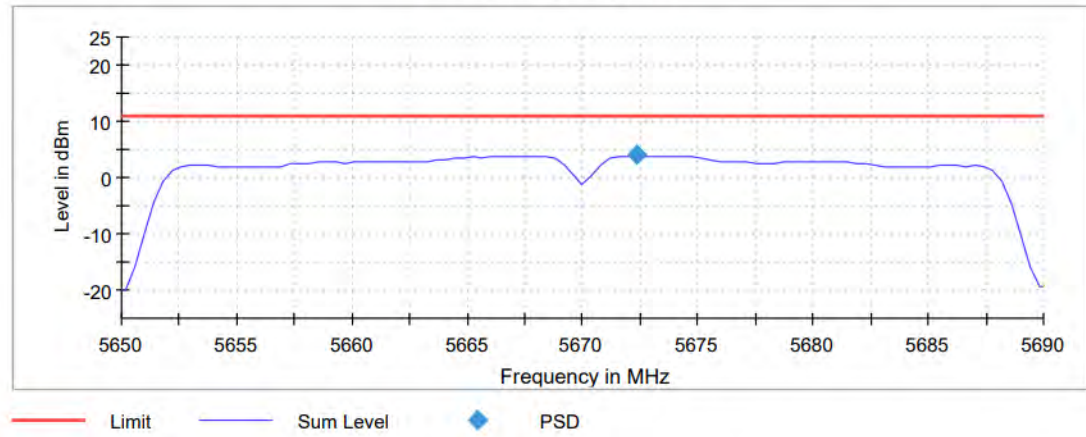
Power Spectral Density (SA-1)





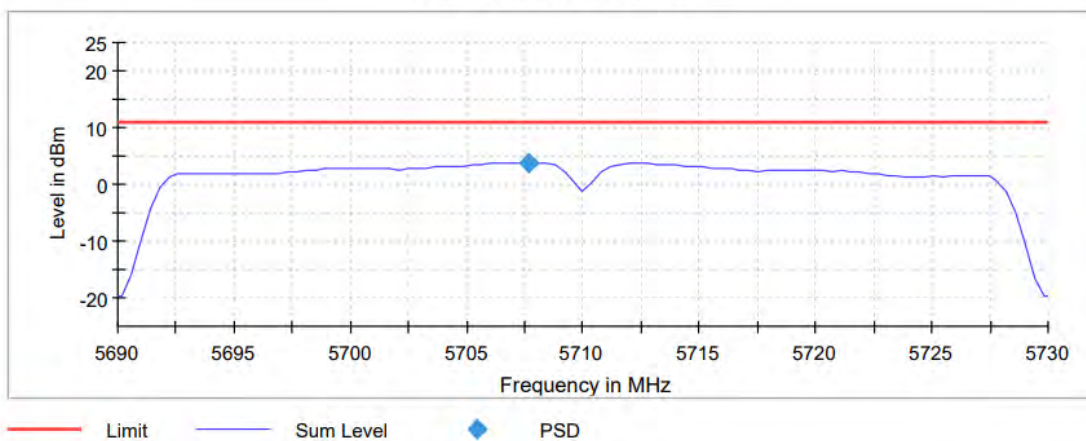
11AC40_Ant0_5670

Power Spectral Density (SA-1)



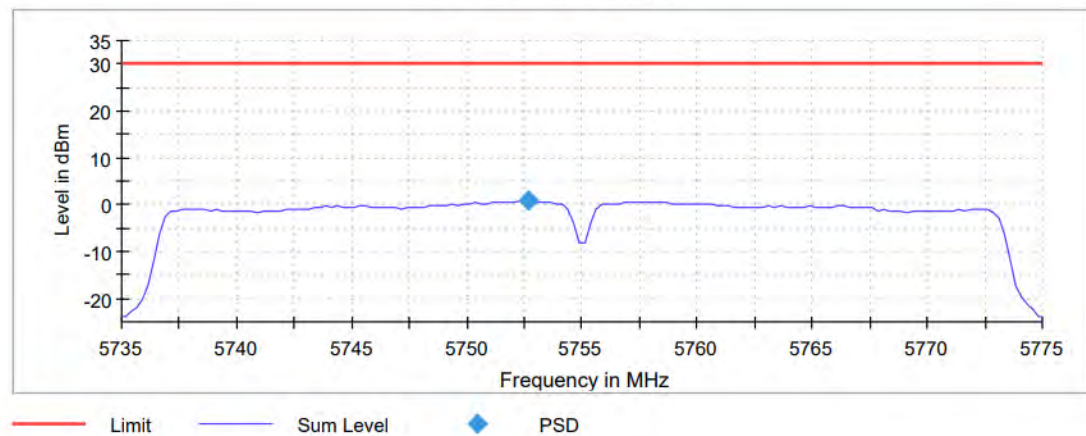
11AC40_Ant0_5710

Power Spectral Density (SA-1)



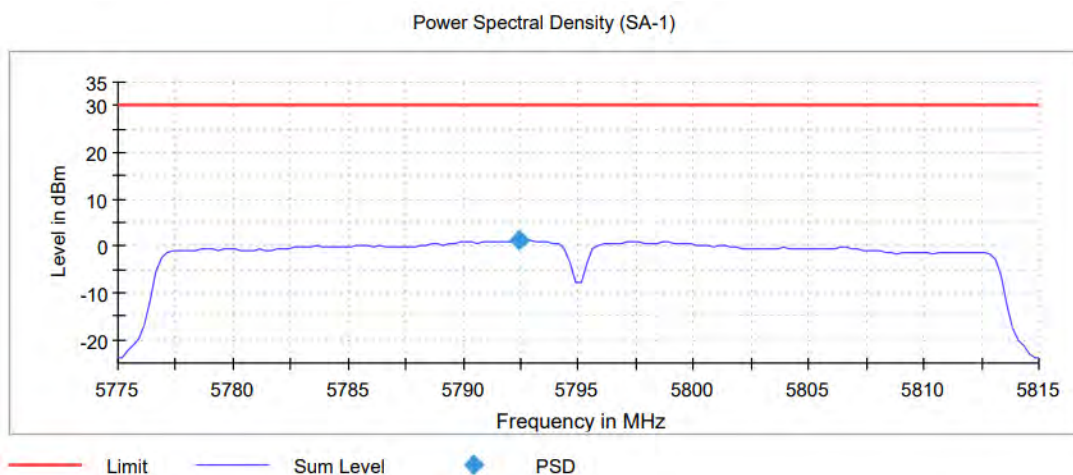
11AC40-BAND4_Ant0_5755

Power Spectral Density (SA-1)

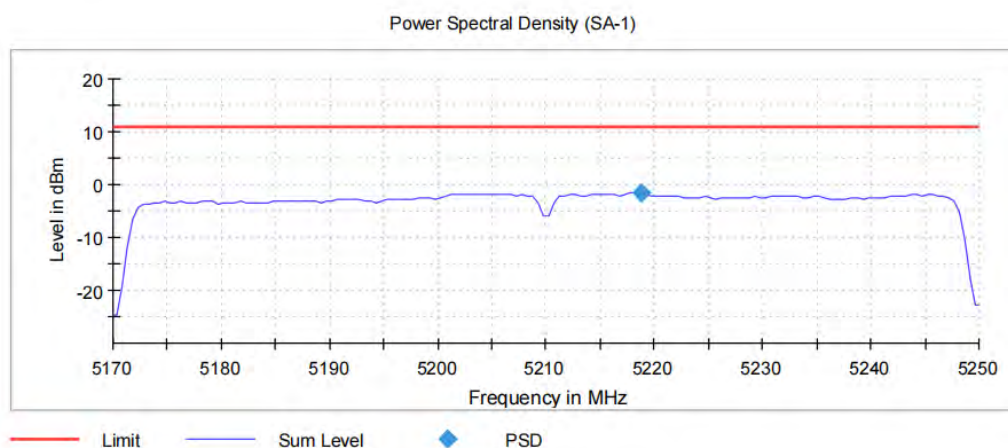




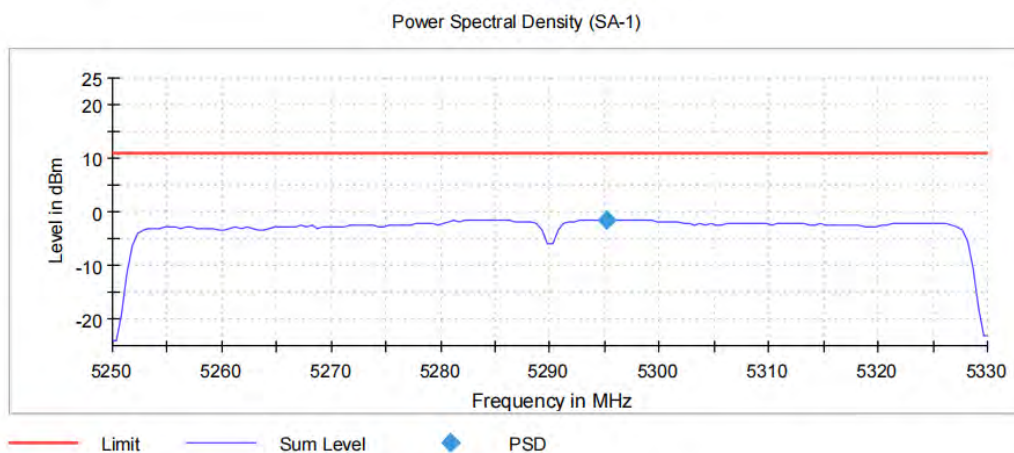
11AC40-BAND4_Ant0_5795



11AC80_Ant0_5210



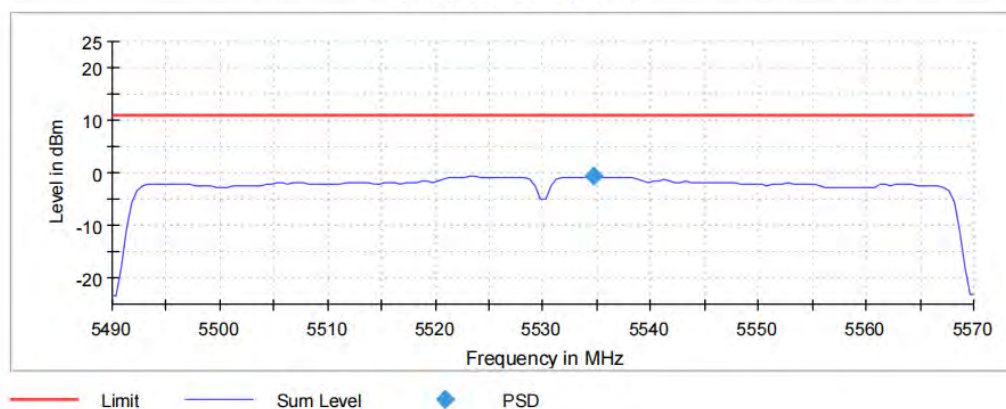
11AC80_Ant0_5290





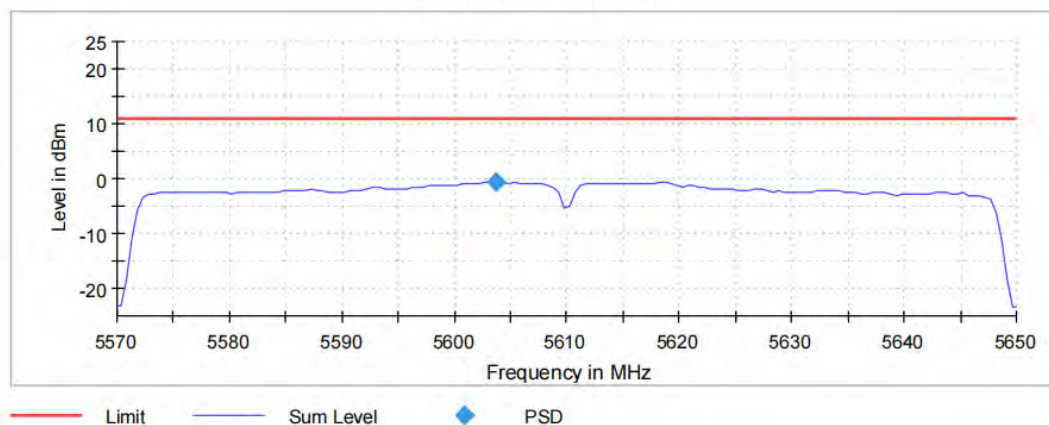
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Power Spectral Density (SA-1)



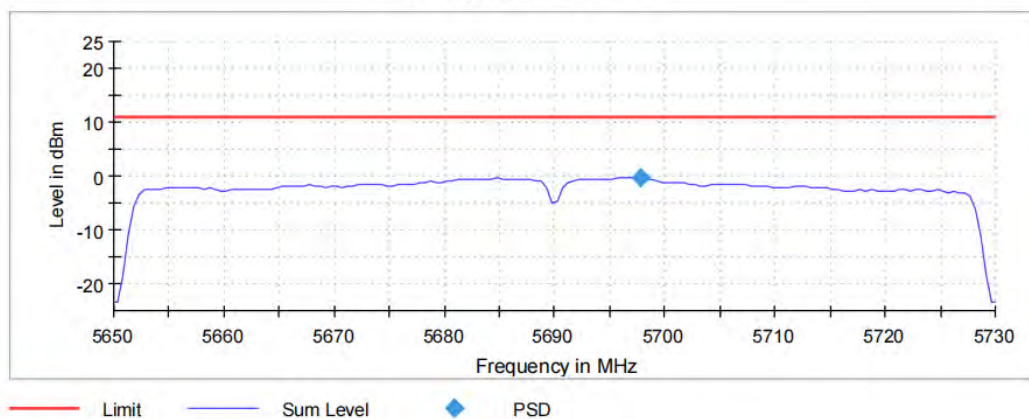
11AC80_Ant0_5610

Power Spectral Density (SA-1)



11AC80_Ant0_5790

Power Spectral Density (SA-1)





11AC80-BAND4 _Ant0_5775

