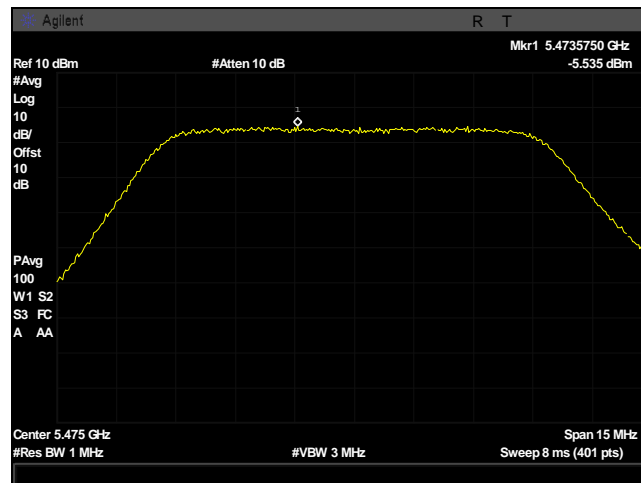
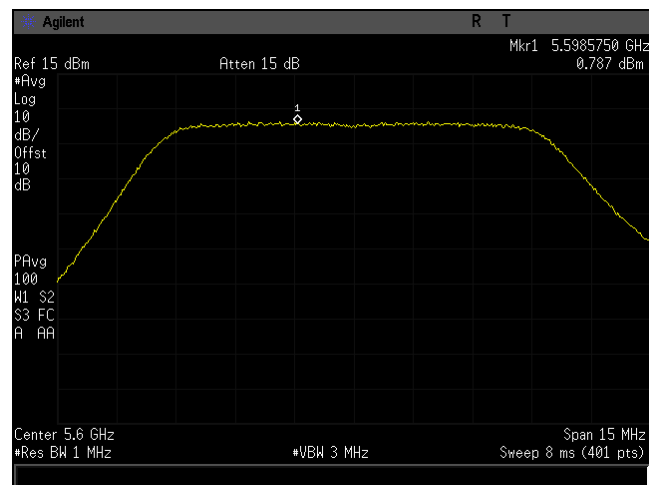


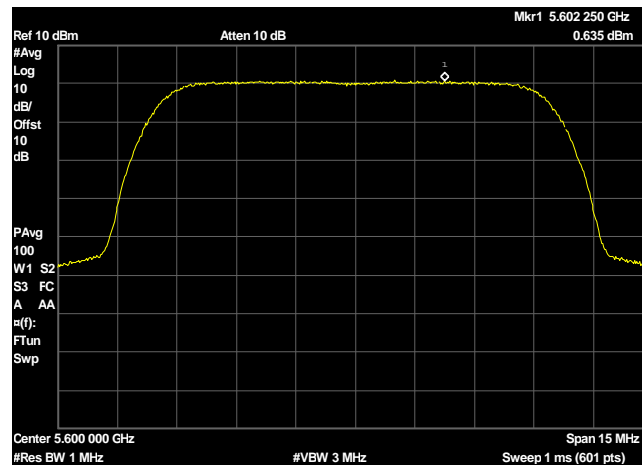
Plot 455. Power Spectral Density, UNII 2C, BW 10M, Ch 5475M, 2x2 13dBi c0



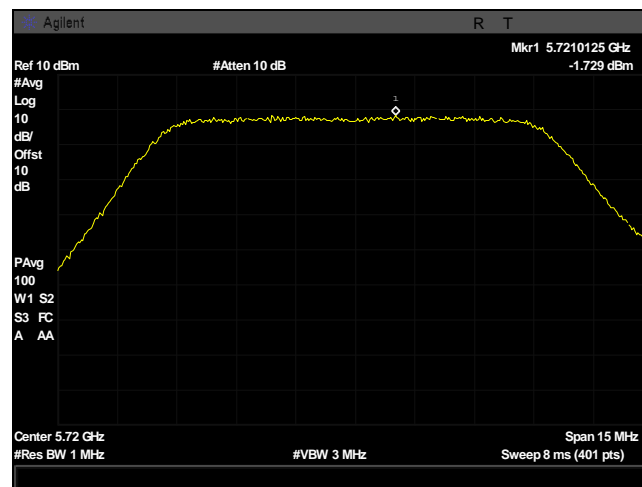
Plot 456. Power Spectral Density, UNII 2C, BW 10M, Ch 5475M, 2x2 13dBi c1



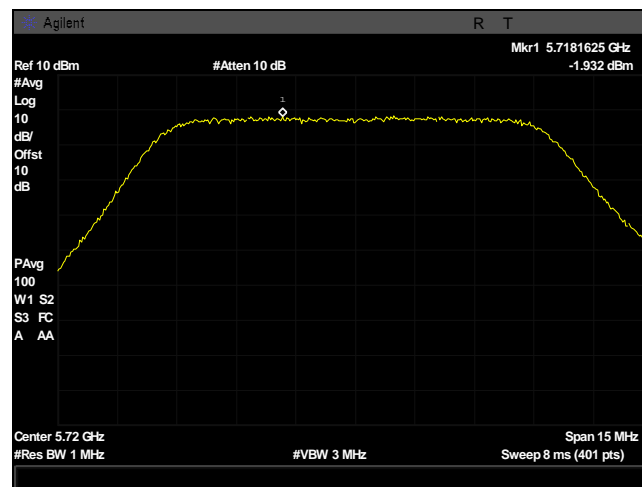
Plot 457. Power Spectral Density, UNII 2C, BW 10M, Ch 5600M, 2x2 13dBi c0



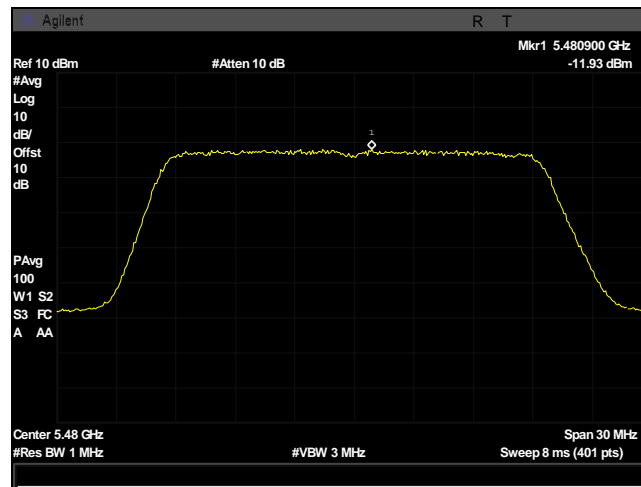
Plot 458. Power Spectral Density, UNII 2C, BW 10M, Ch 5600M, 2x2 13dBi c1



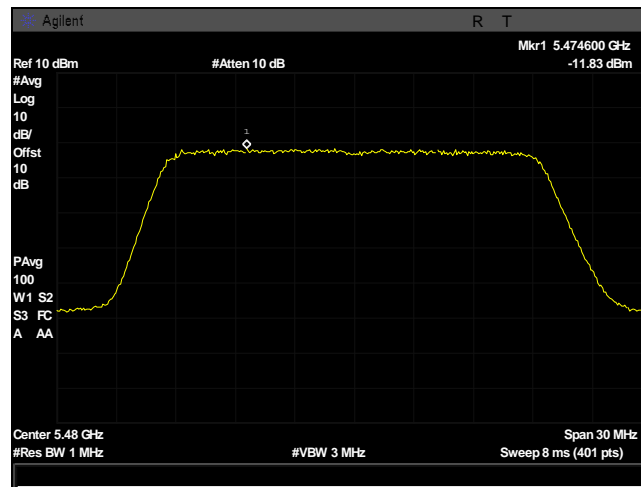
Plot 459. Power Spectral Density, UNII 2C, BW 10M, Ch 5720M, 2x2 13dBi c0



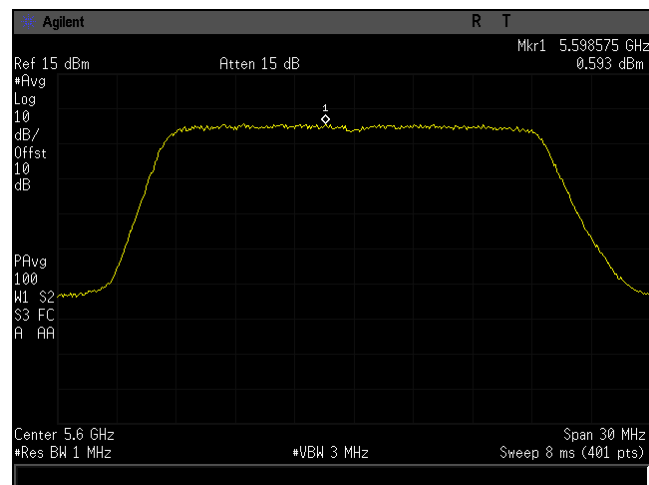
Plot 460. Power Spectral Density, UNII 2C, BW 10M, Ch 5720M, 2x2 13dBi c1



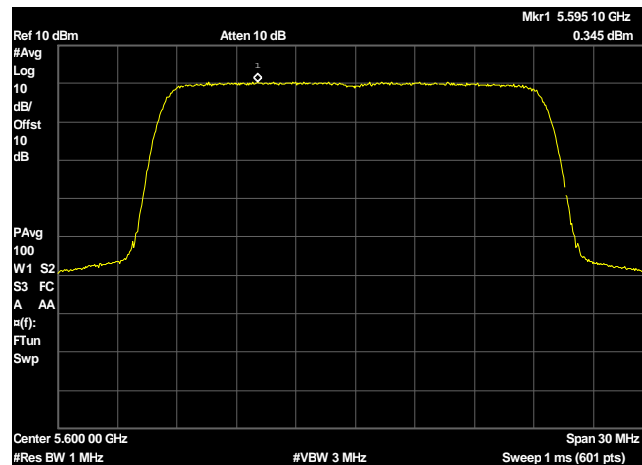
Plot 461. Power Spectral Density, UNII 2C, BW 20M, Ch 5480M, 2x2 13dBi c0



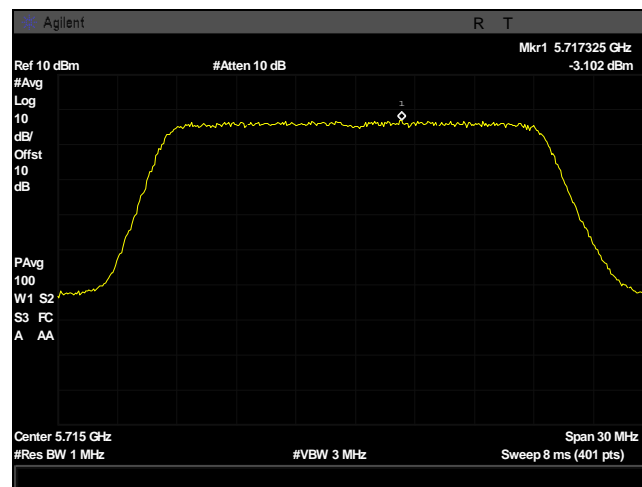
Plot 462. Power Spectral Density, UNII 2C, BW 20M, Ch 5480M, 2x2 13dBi c1



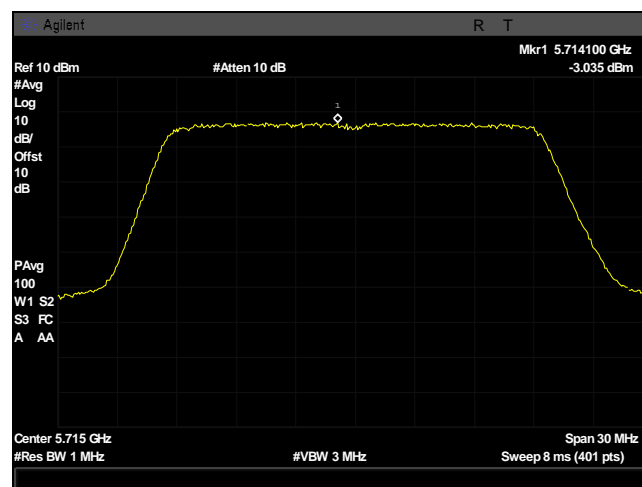
Plot 463. Power Spectral Density, UNII 2C, BW 20M, Ch 5600M, 2x2 13dBi c0



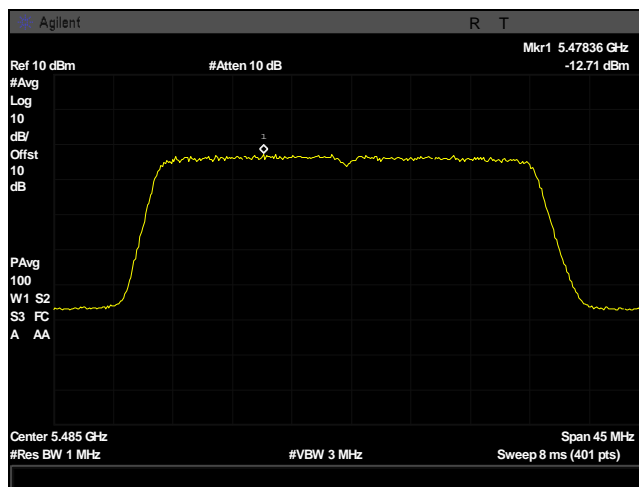
Plot 464. Power Spectral Density, UNII 2C, BW 20M, Ch 5600M, 2x2 13dBi c1



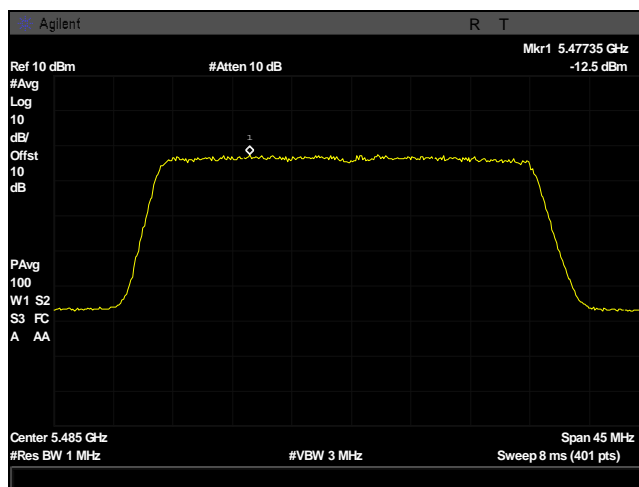
Plot 465. Power Spectral Density, UNII 2C, BW 20M, Ch 5715M, 2x2 13dBi c0



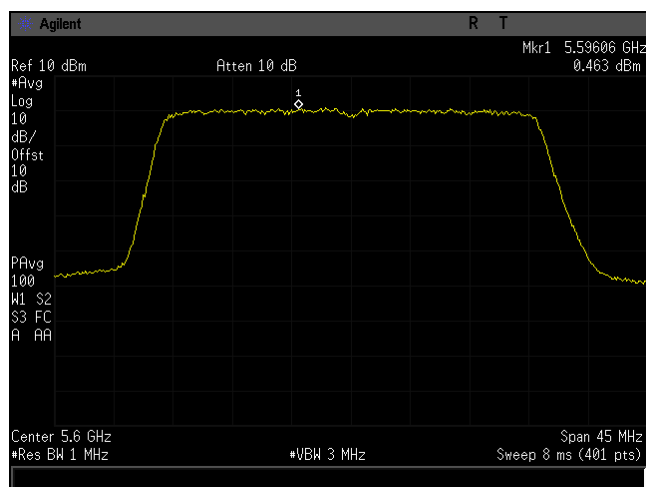
Plot 466. Power Spectral Density, UNII 2C, BW 20M, Ch 5715M, 2x2 13dBi c1



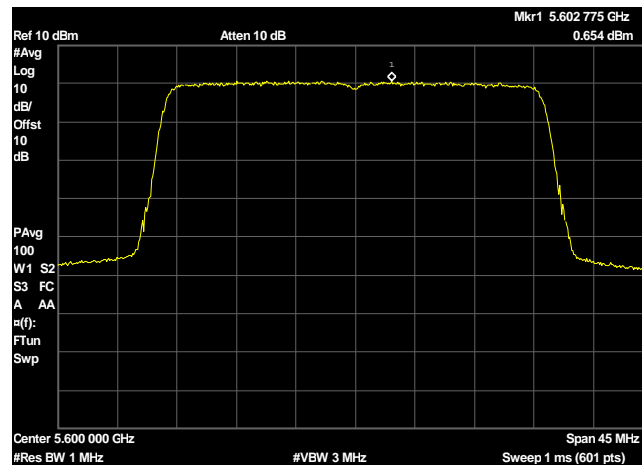
Plot 467. Power Spectral Density, UNII 2C, BW 30M, Ch 5485M, 2x2 13dBi c0



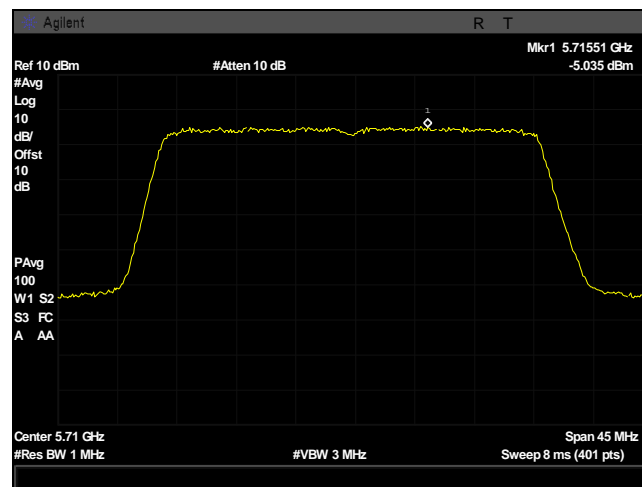
Plot 468. Power Spectral Density, UNII 2C, BW 30M, Ch 5485M, 2x2 13dBi c1



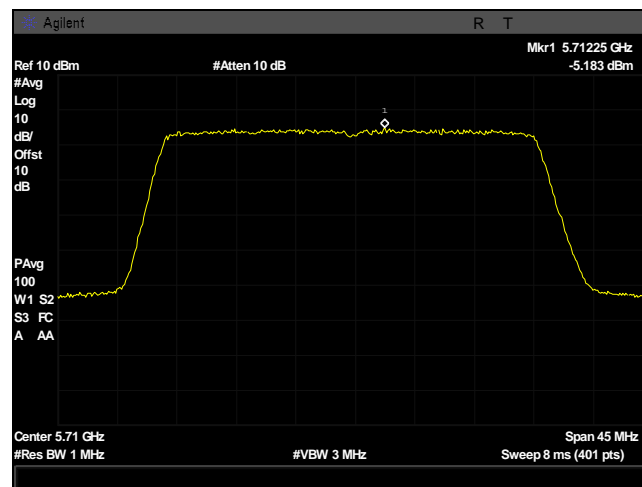
Plot 469. Power Spectral Density, UNII 2C, BW 30M, Ch 5600M, 2x2 13dBi c0



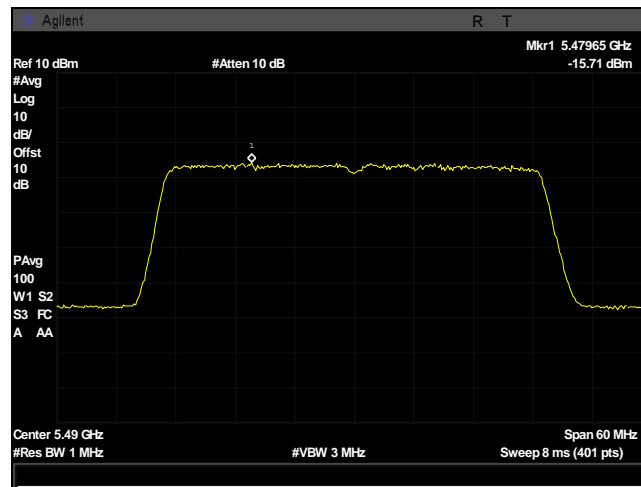
Plot 470. Power Spectral Density, UNII 2C, BW 30M, Ch 5600M, 2x2 13dBi c1



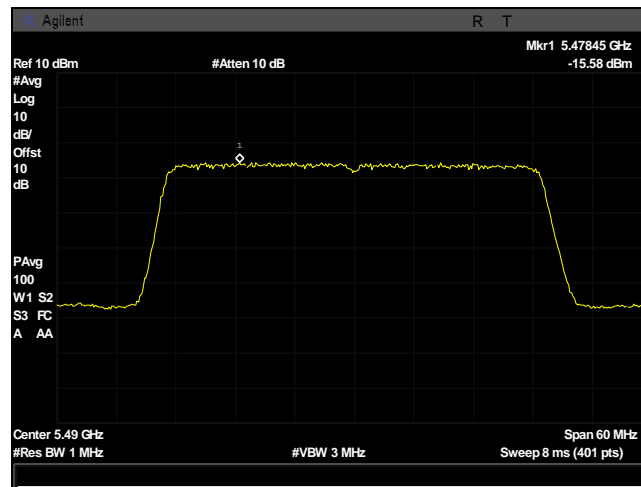
Plot 471. Power Spectral Density, UNII 2C, BW 30M, Ch 5710M, 2x2 13dBi c0



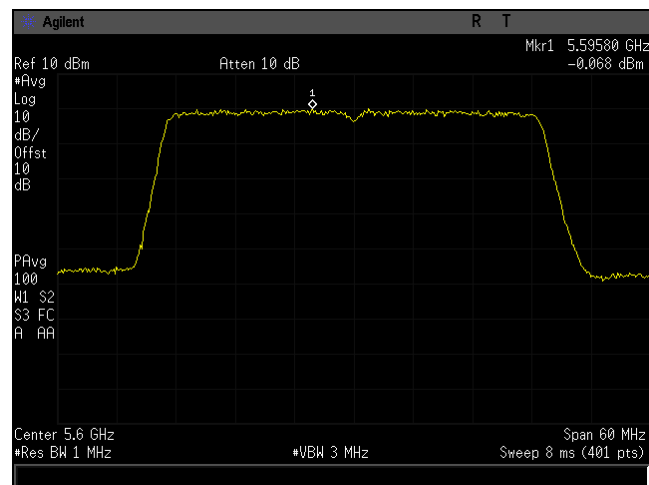
Plot 472. Power Spectral Density, UNII 2C, BW 30M, Ch 5710M, 2x2 13dBi c1



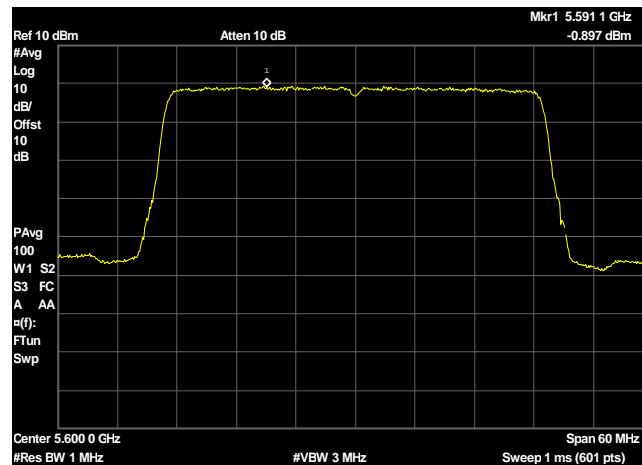
Plot 473. Power Spectral Density, UNII 2C, BW 40M, Ch 5490M, 2x2 13dBi c0



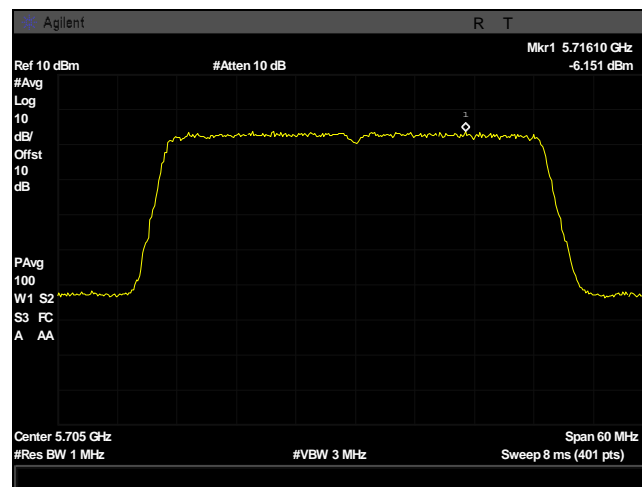
Plot 474. Power Spectral Density, UNII 2C, BW 40M, Ch 5490M, 2x2 13dBi c1



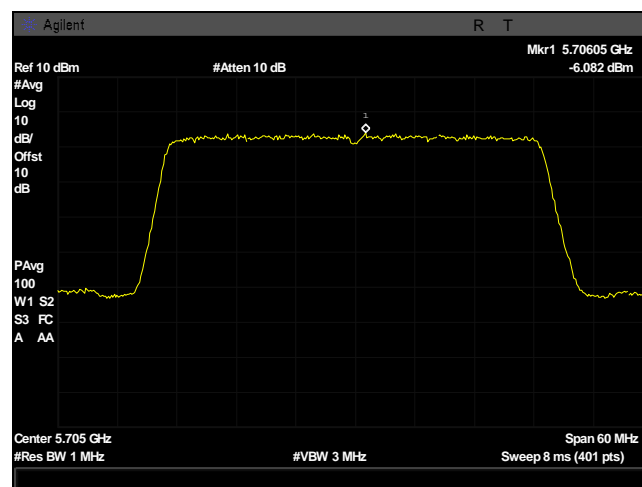
Plot 475. Power Spectral Density, UNII 2C, BW 40M, Ch 5600M, 2x2 13dBi c0



Plot 476. Power Spectral Density, UNII 2C, BW 40M, Ch 5600M, 2x2 13dBi c1

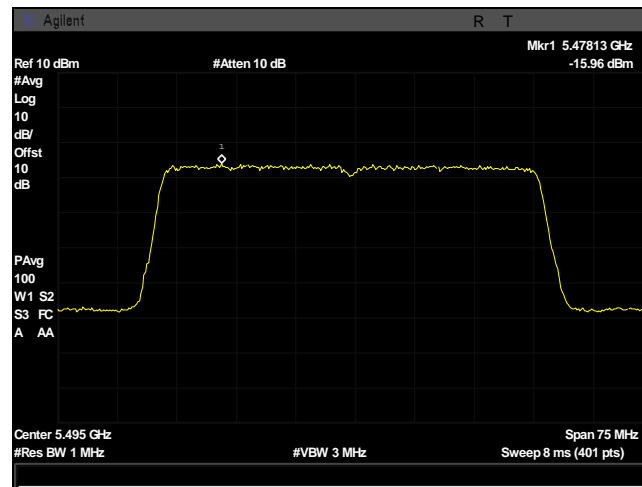


Plot 477. Power Spectral Density, UNII 2C, BW 40M, Ch 5705M, 2x2 13dBi c0

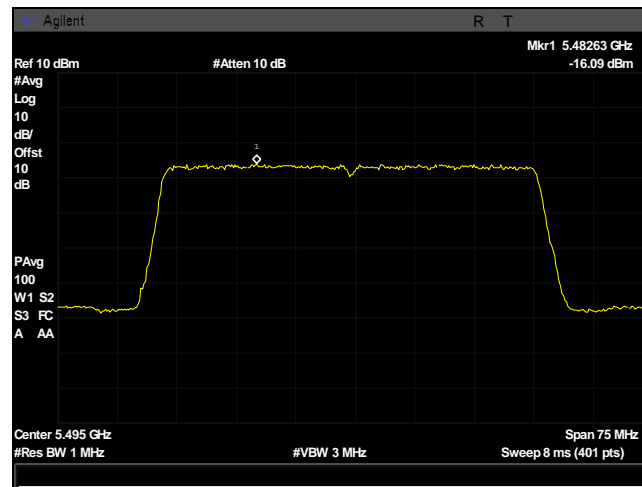


Plot 478. Power Spectral Density, UNII 2C, BW 40M, Ch 5705M, 2x2 13dBi c1

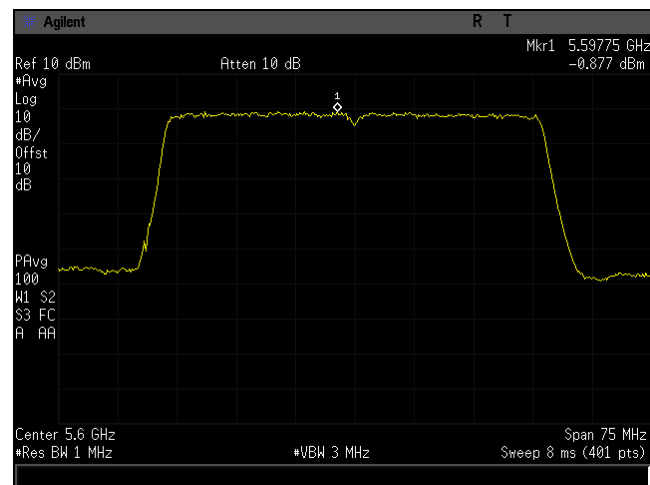




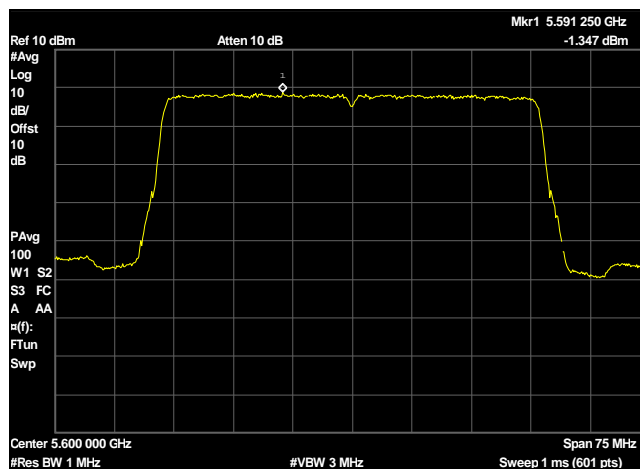
Plot 479. Power Spectral Density, UNII 2C, BW 50M, Ch 5495M, 2x2 13dBi c0



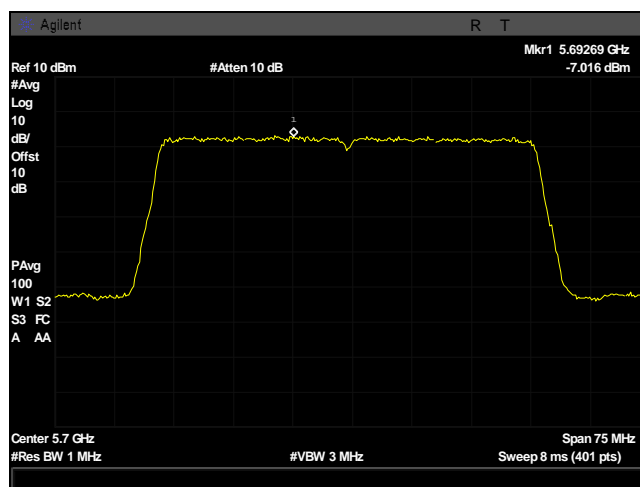
Plot 480. Power Spectral Density, UNII 2C, BW 50M, Ch 5495M, 2x2 13dBi c1



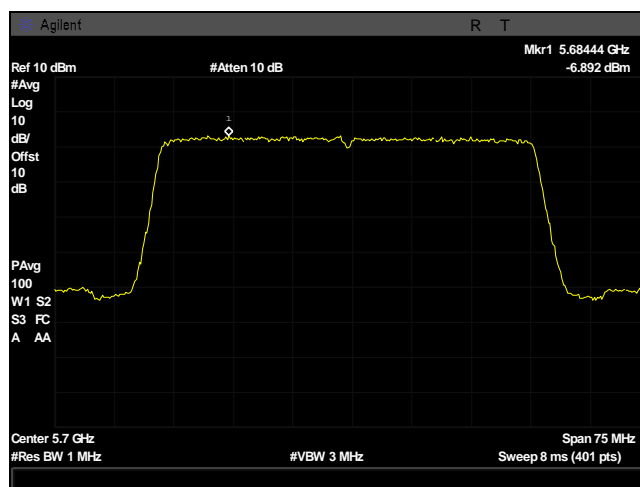
Plot 481. Power Spectral Density, UNII 2C, BW 50M, Ch 5600M, 2x2 13dBi c0



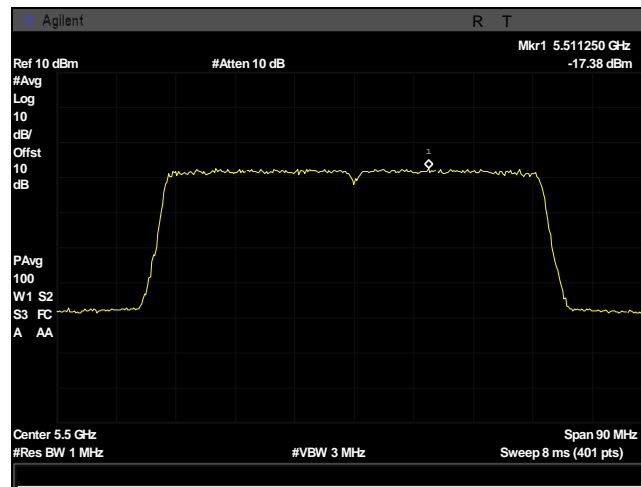
Plot 482. Power Spectral Density, UNII 2C, BW 50M, Ch 5600M, 2x2 13dBi c1



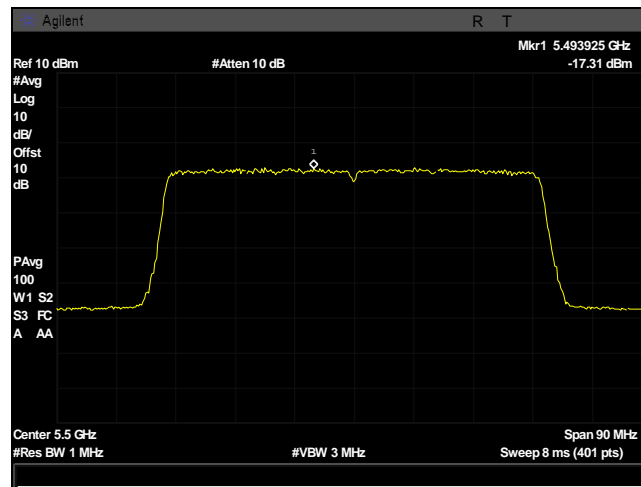
Plot 483. Power Spectral Density, UNII 2C, BW 50M, Ch 5700M, 2x2 13dBi c0



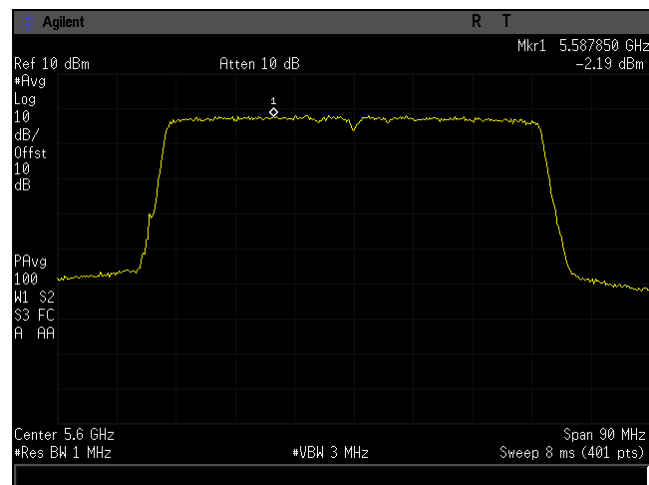
Plot 484. Power Spectral Density, UNII 2C, BW 50M, Ch 5700M, 2x2 13dBi c1



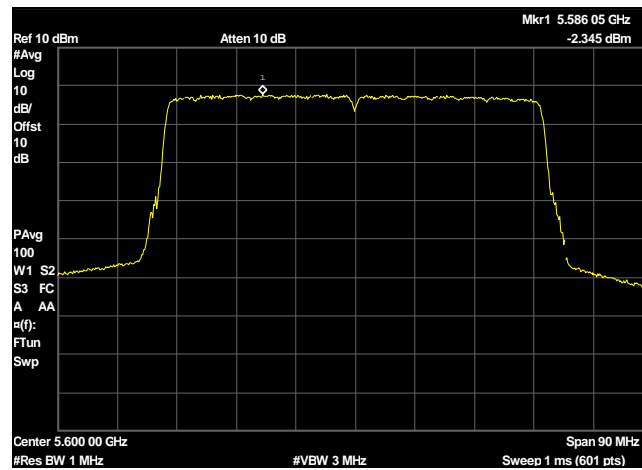
Plot 485. Power Spectral Density, UNII 2C, BW 60M, Ch 5500M, 2x2 13dBi c0



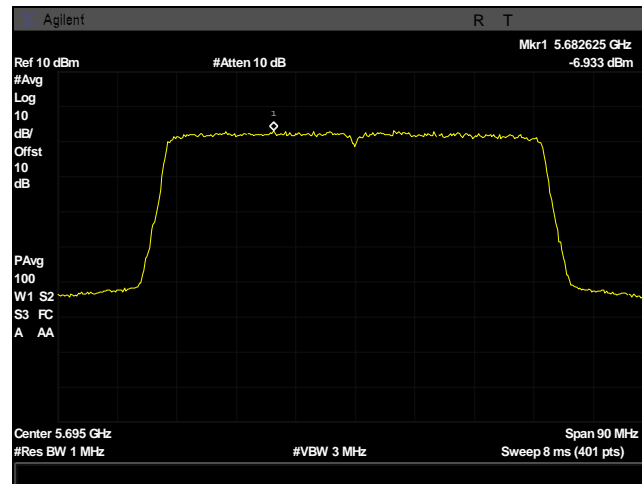
Plot 486. Power Spectral Density, UNII 2C, BW 60M, Ch 5500M, 2x2 13dBi c1



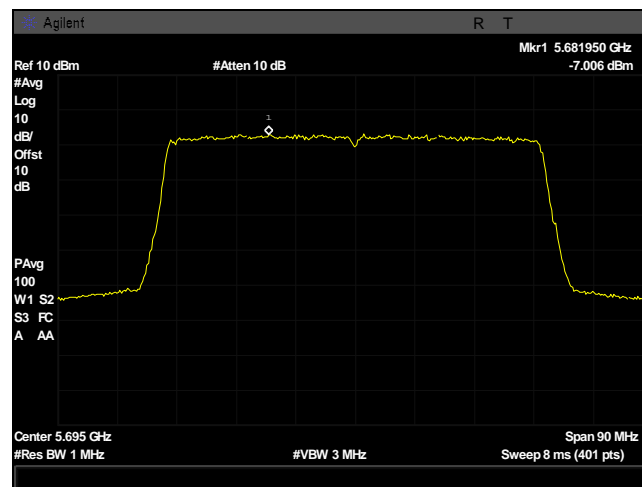
Plot 487. Power Spectral Density, UNII 2C, BW 60M, Ch 5600M, 2x2 13dBi c0



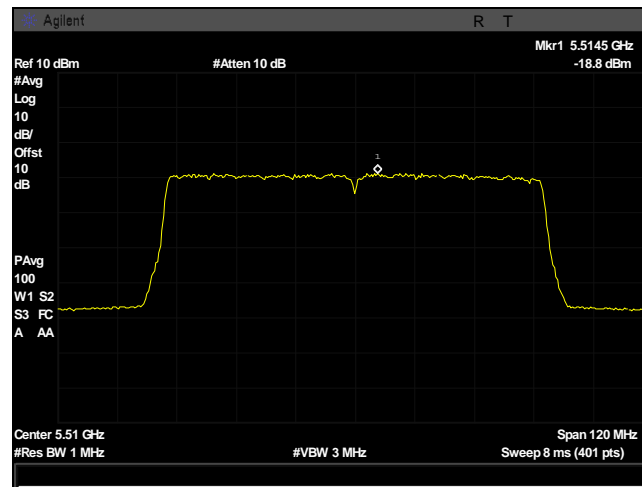
Plot 488. Power Spectral Density, UNII 2C, BW 60M, Ch 5600M, 2x2 13dBi c1



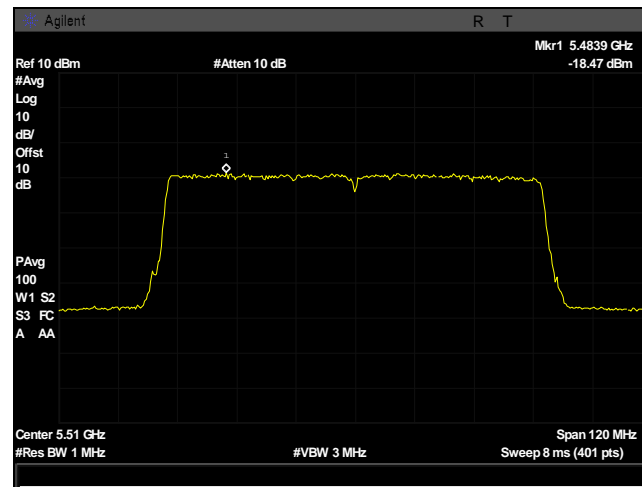
Plot 489. Power Spectral Density, UNII 2C, BW 60M, Ch 5695M, 2x2 13dBi c0



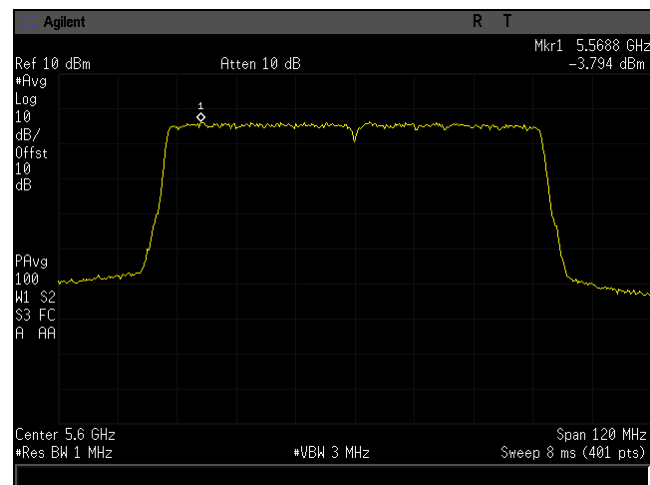
Plot 490. Power Spectral Density, UNII 2C, BW 60M, Ch 5695M, 2x2 13dBi c1



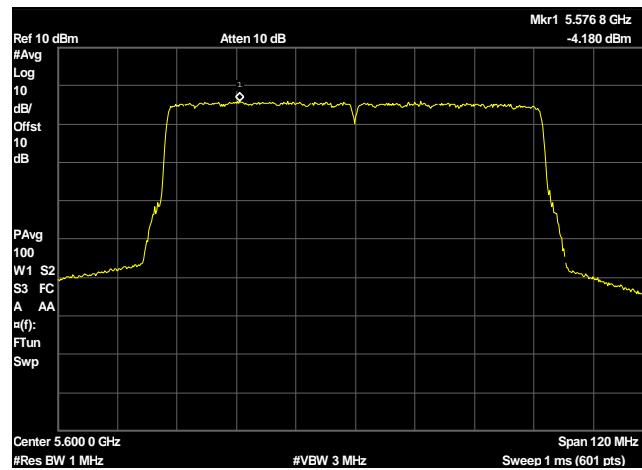
Plot 491. Power Spectral Density, UNII 2C, BW 80M, Ch 5510M, 2x2 13dBi c0



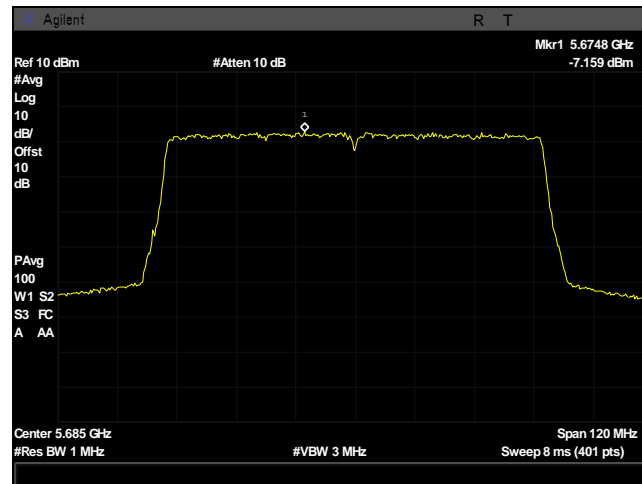
Plot 492. Power Spectral Density, UNII 2C, BW 80M, Ch 5510M, 2x2 13dBi c1



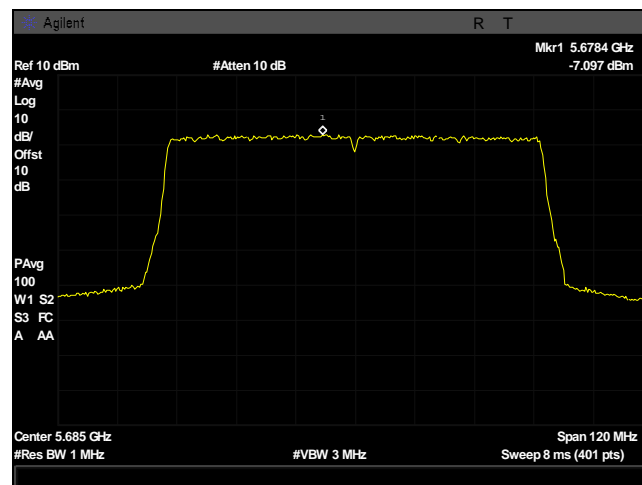
Plot 493. Power Spectral Density, UNII 2C, BW 80M, Ch 5600M, 2x2 13dBi c0



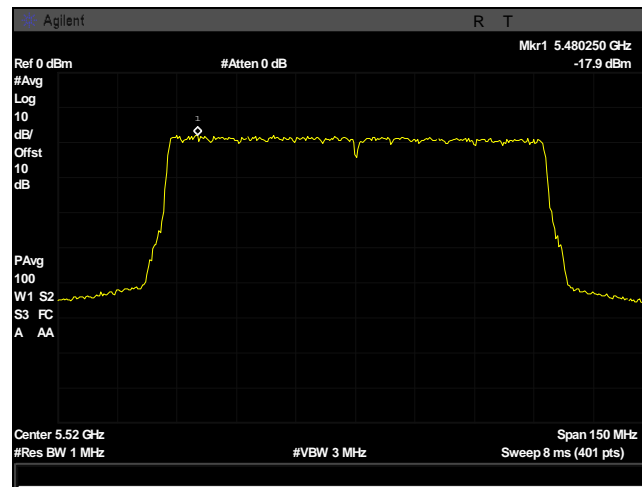
Plot 494. Power Spectral Density, UNII 2C, BW 80M, Ch 5600M, 2x2 13dBi c1



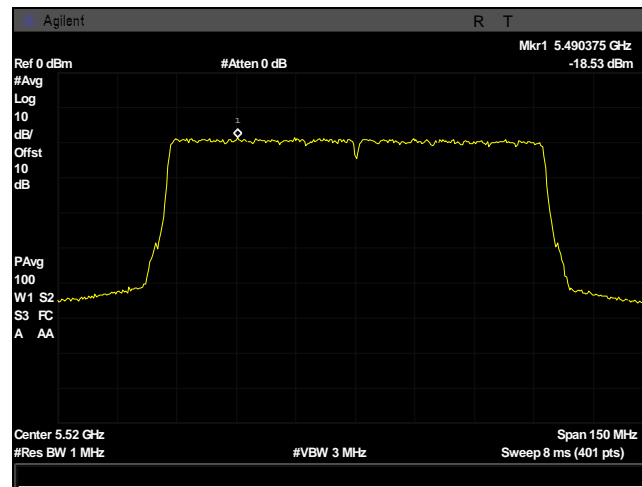
Plot 495. Power Spectral Density, UNII 2C, BW 80M, Ch 5685M, 2x2 13dBi c0



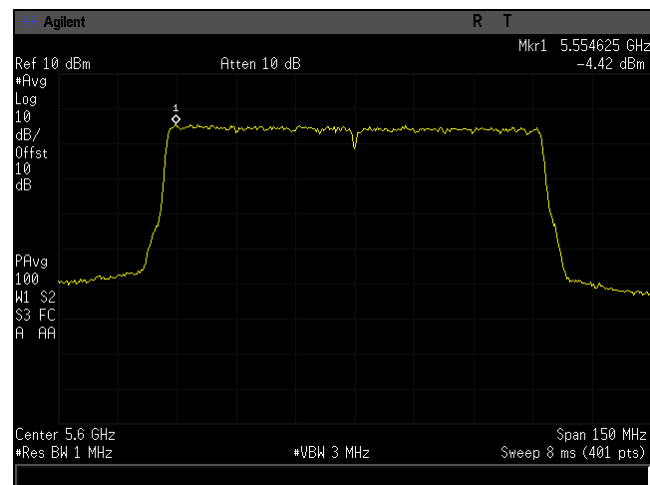
Plot 496. Power Spectral Density, UNII 2C, BW 80M, Ch 5685M, 2x2 13dBi c1



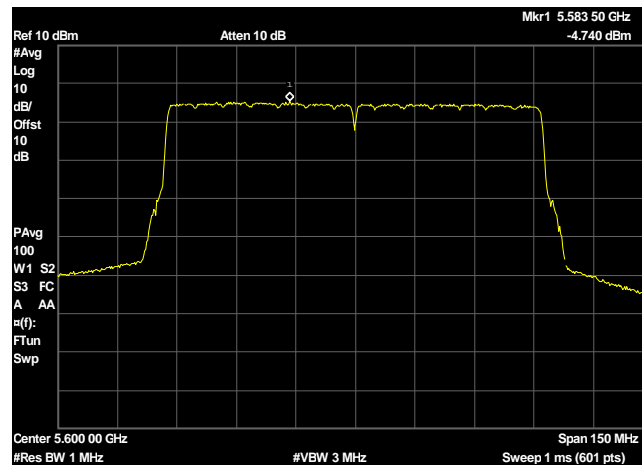
Plot 497. Power Spectral Density, UNII 2C, BW 100M, Ch 5520M, 2x2 13dBi c0



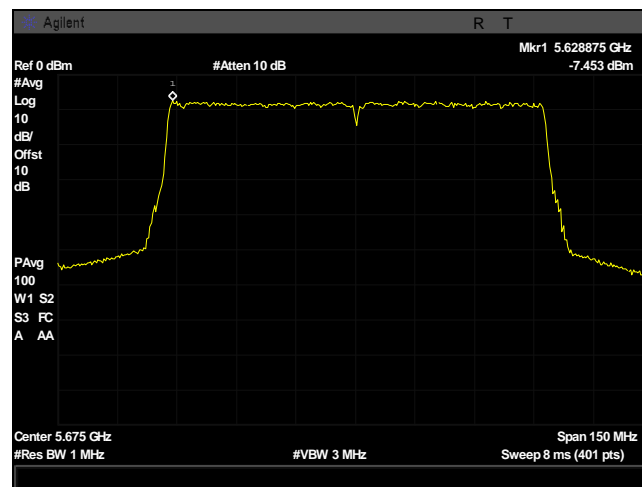
Plot 498. Power Spectral Density, UNII 2C, BW 100M, Ch 5520M, 2x2 13dBi c1



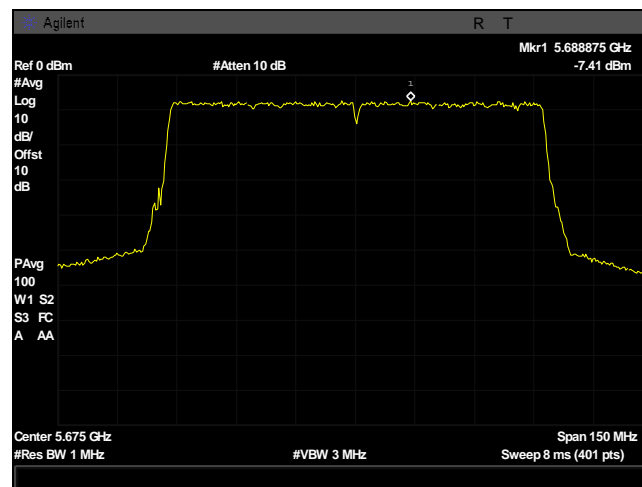
Plot 499. Power Spectral Density, UNII 2C, BW 100M, Ch 5600M, 2x2 13dBi c0



Plot 500. Power Spectral Density, UNII 2C, BW 100M, Ch 5600M, 2x2 13dBi c1



Plot 501. Power Spectral Density, UNII 2C, BW 100M, Ch 5675M, 2x2 13dBi c0



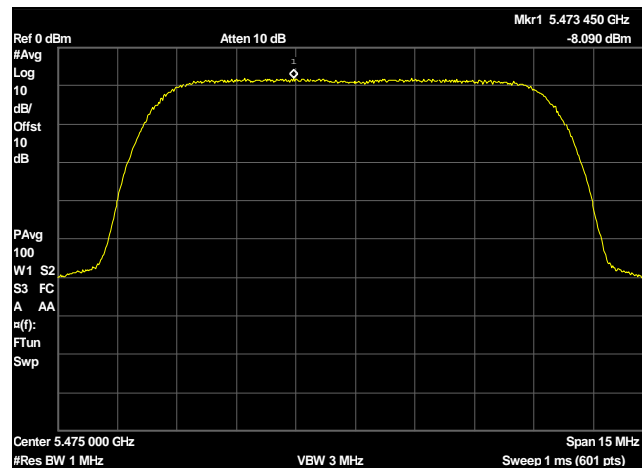
Plot 502. Power Spectral Density, UNII 2C, BW 100M, Ch 5675M, 2x2 13dBi c1



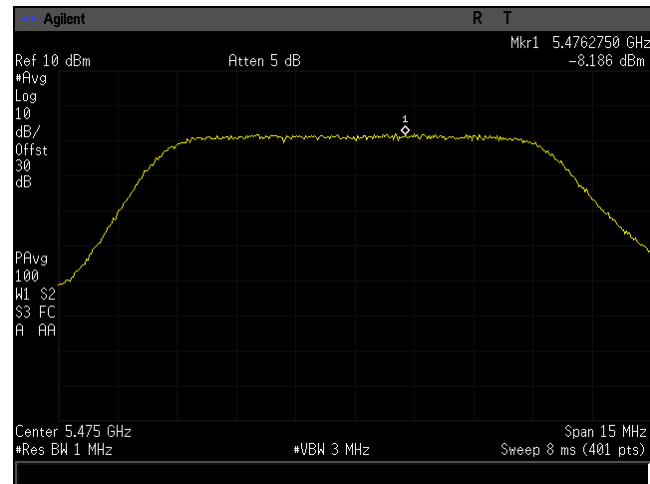
## Power Spectral Density, UNII 2C, 22 dBi

Channel BW (MHz)	Frequency (MHz)	Chain 0 (dBm)	Chain 1 (dBm)	Sum (dBm)	Limit (dBm)	Directional Gain (dBi)	Final Limit (dBm)	Margin (dB)
10	5475	-8.09	-8.186	-5.127	11	22	-5	-0.127
	5600	-8.245	-8.321	-5.272	11	22	-5	-0.272
	5720	-12.086	-13.07	-9.539	11	22	-5	-4.539
20	5480	-7.812	-8.254	-5.017	11	22	-5	-0.017
	5600	-8.155	-8.084	-5.109	11	22	-5	-0.109
	5715	-14.044	-14.52	-11.265	11	22	-5	-6.265
30	5485	-9.69	-10.29	-6.969	11	22	-5	-1.969
	5600	-8.962	-8.4	-5.661	11	22	-5	-0.661
	5710	-15.066	-15.82	-12.416	11	22	-5	-7.416
40	5490	-10.813	-10.63	-7.71	11	22	-5	-2.71
	5600	-9.675	-9.282	-6.463	11	22	-5	-1.463
	5705	-16.114	-16.78	-13.423	11	22	-5	-8.423
50	5495	-12.024	-12.16	-9.081	11	22	-5	-4.081
	5600	-10.996	-10.43	-7.693	11	22	-5	-2.693
	5700	-16.844	-17.63	-14.208	11	22	-5	-9.208
60	5500	-13.503	-13.65	-10.565	11	22	-5	-5.565
	5600	-11.999	-10.94	-8.427	11	22	-5	-3.427
	5695	-17.119	-17.57	-14.328	11	22	-5	-9.328
80	5510	-17.357	-17.92	-14.619	11	22	-5	-9.619
	5600	-12.775	-12.22	-9.478	11	22	-5	-4.478
	5685	-17.295	-18.22	-14.722	11	22	-5	-9.722
100	5520	-17.029	-16.94	-13.973	11	22	-5	-8.973
	5600	-13.89	-13.19	-10.515	11	22	-5	-5.515
	5675	-17.247	-17.81	-14.509	11	22	-5	-9.509

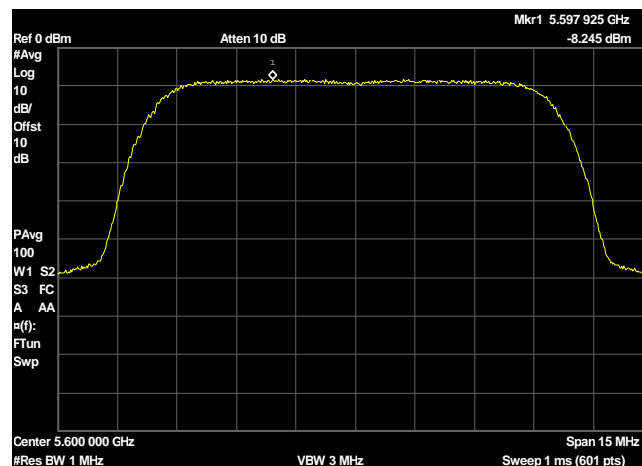
Table 19. Power Spectral Density, UNII 2C, 22 dBi, 2x2, Test Results



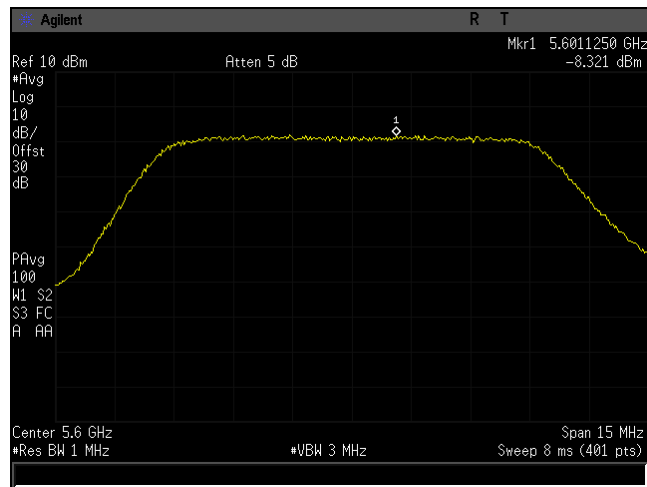
Plot 503. Power Spectral Density, UNII 2C, BW 10M, Ch 5475M, 2x2 22dBi c0



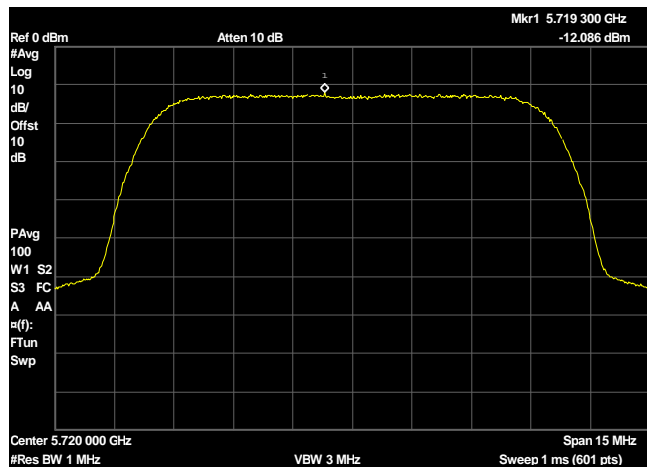
Plot 504. Power Spectral Density, UNII 2C, BW 10M, Ch 5475M, 2x2 22dBi c1



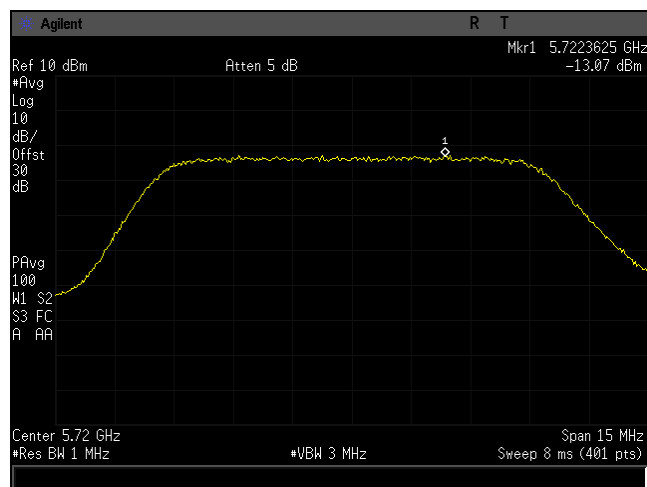
Plot 505. Power Spectral Density, UNII 2C, BW 10M, Ch 5600M, 2x2 22dBi c0



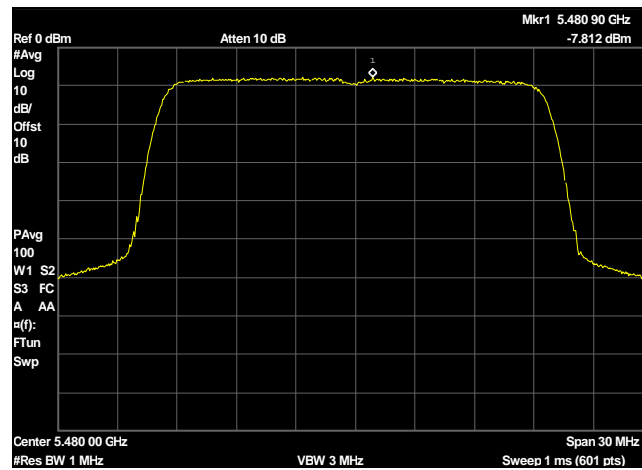
Plot 506. Power Spectral Density, UNII 2C, BW 10M, Ch 5600M, 2x2 22dBi c1



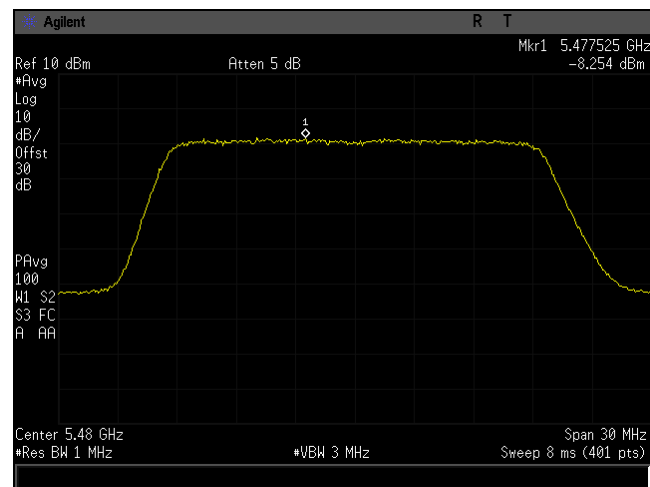
Plot 507. Power Spectral Density, UNII 2C, BW 10M, Ch 5720M, 2x2 22dBi c0



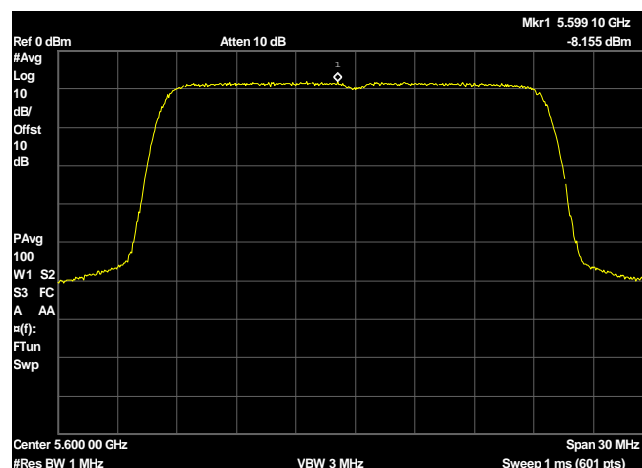
Plot 508. Power Spectral Density, UNII 2C, BW 10M, Ch 5720M, 2x2 22dBi c1



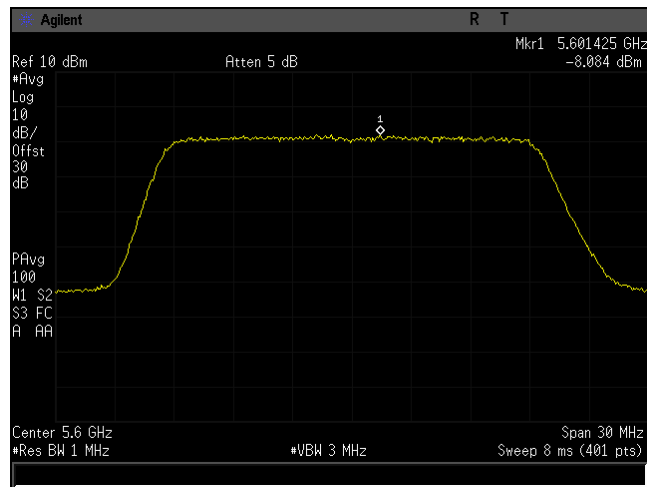
Plot 509. Power Spectral Density, UNII 2C, BW 20M, Ch 5480M, 2x2 22dBi c0



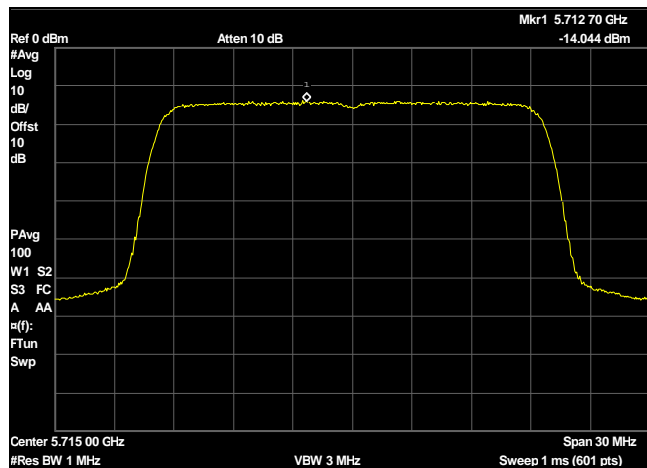
Plot 510. Power Spectral Density, UNII 2C, BW 20M, Ch 5480M, 2x2 22dBi c1



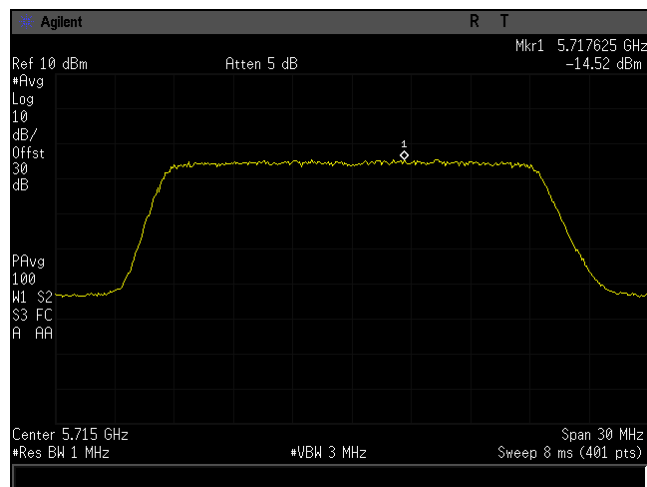
Plot 511. Power Spectral Density, UNII 2C, BW 20M, Ch 5600M, 2x2 22dBi c0



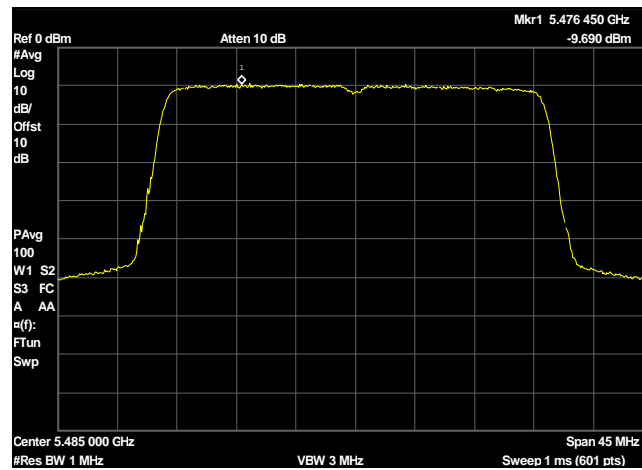
Plot 512. Power Spectral Density, UNII 2C, BW 20M, Ch 5600M, 2x2 22dBi c1



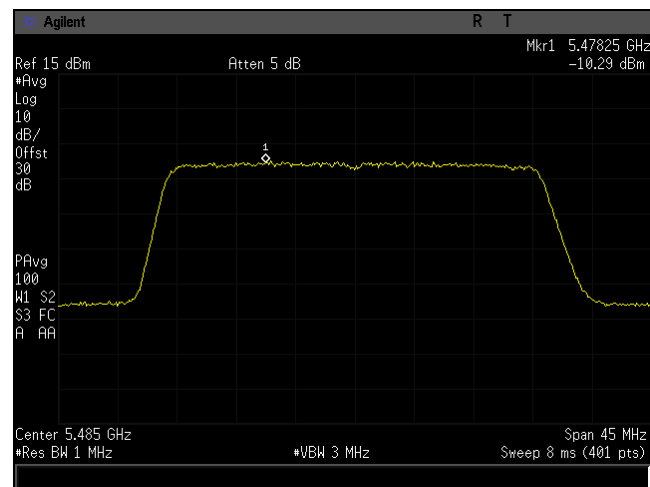
Plot 513. Power Spectral Density, UNII 2C, BW 20M, Ch 5715M, 2x2 22dBi c0



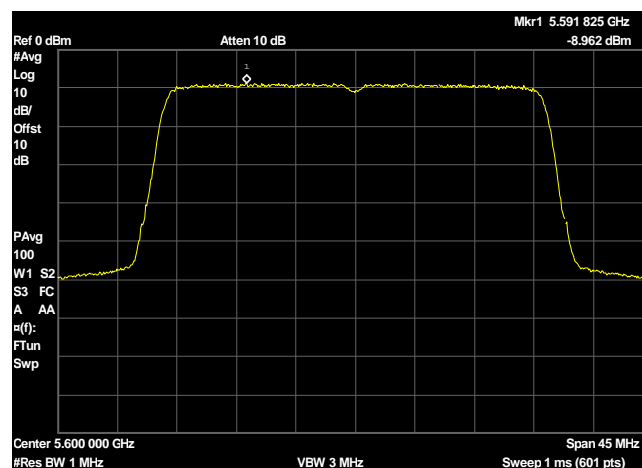
Plot 514. Power Spectral Density, UNII 2C, BW 20M, Ch 5715M, 2x2 22dBi c1



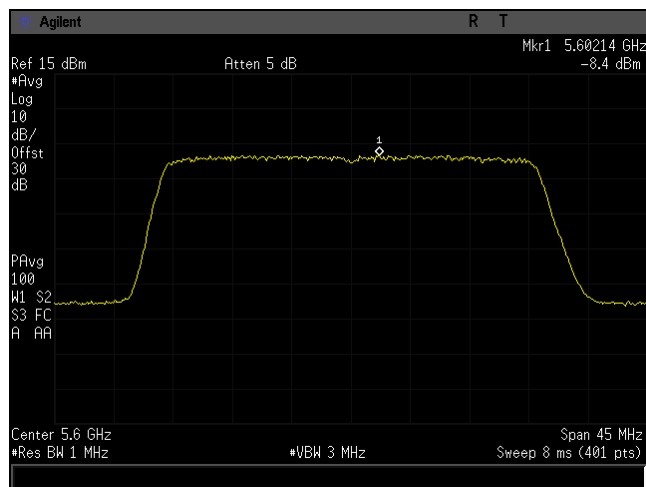
Plot 515. Power Spectral Density, UNII 2C, BW 30M, Ch 5485M, 2x2 22dBi c0



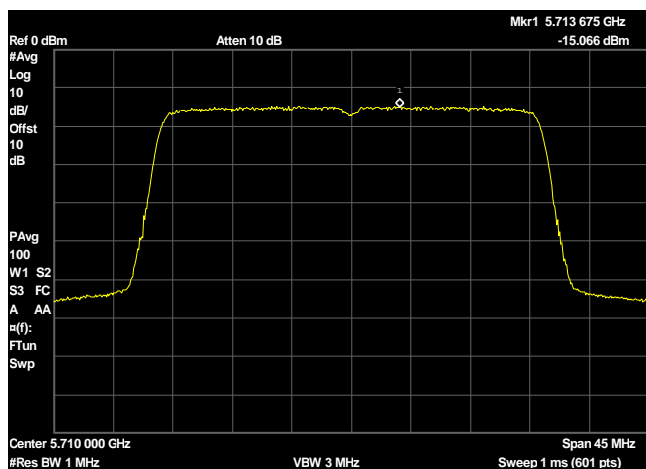
Plot 516. Power Spectral Density, UNII 2C, BW 30M, Ch 5485M, 2x2 22dBi c1



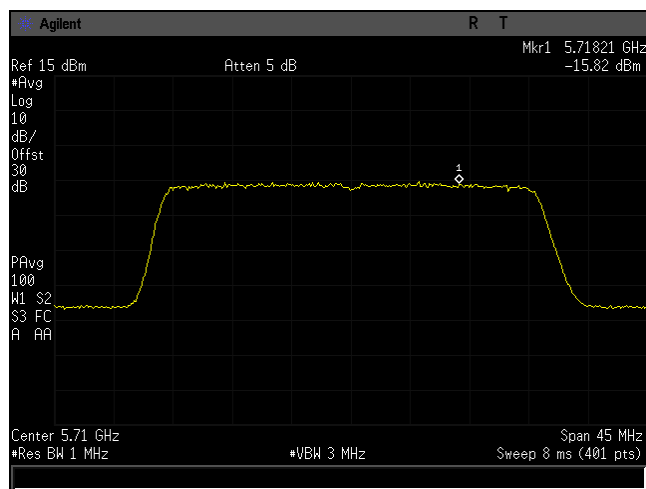
Plot 517. Power Spectral Density, UNII 2C, BW 30M, Ch 5600M, 2x2 22dBi c0



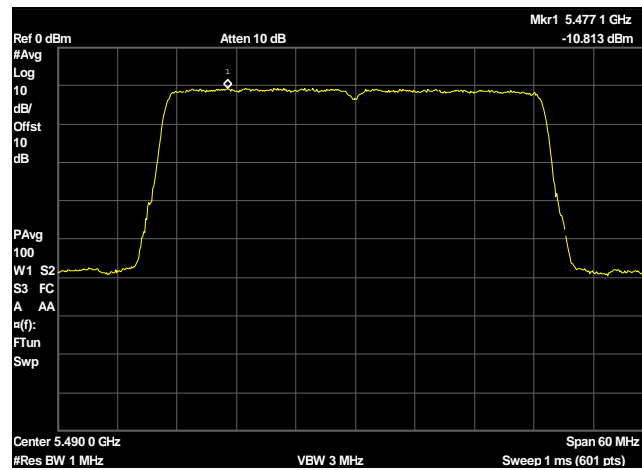
Plot 518. Power Spectral Density, UNII 2C, BW 30M, Ch 5600M, 2x2 22dBi c1



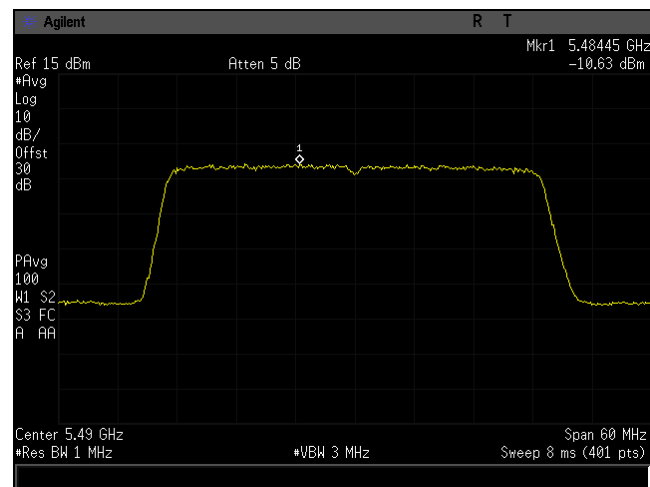
Plot 519. Power Spectral Density, UNII 2C, BW 30M, Ch 5710M, 2x2 22dBi c0



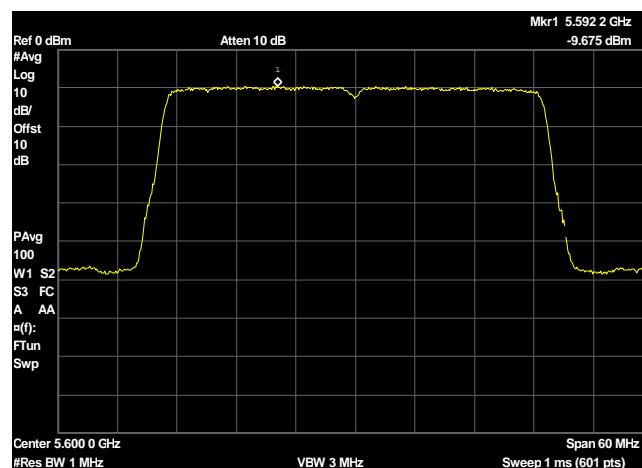
Plot 520. Power Spectral Density, UNII 2C, BW 30M, Ch 5710M, 2x2 22dBi c1



Plot 521. Power Spectral Density, UNII 2C, BW 40M, Ch 5490M, 2x2 22dBi c0

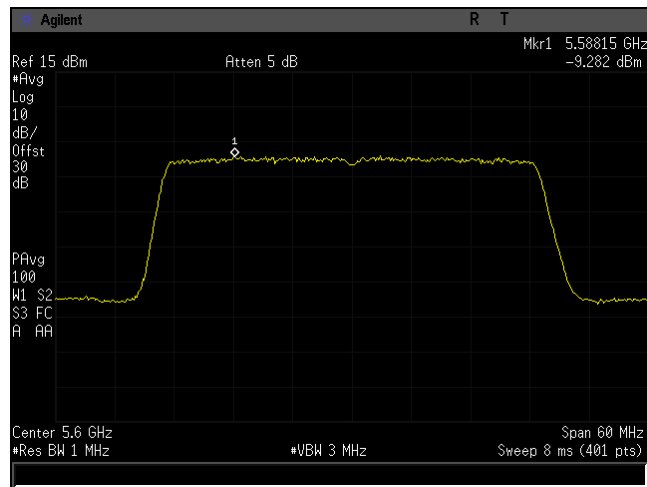


Plot 522. Power Spectral Density, UNII 2C, BW 40M, Ch 5490M, 2x2 22dBi c1

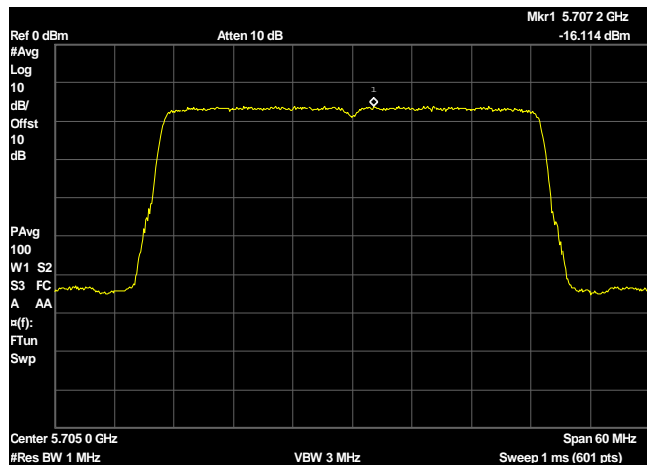


Plot 523. Power Spectral Density, UNII 2C, BW 40M, Ch 5600M, 2x2 22dBi c0

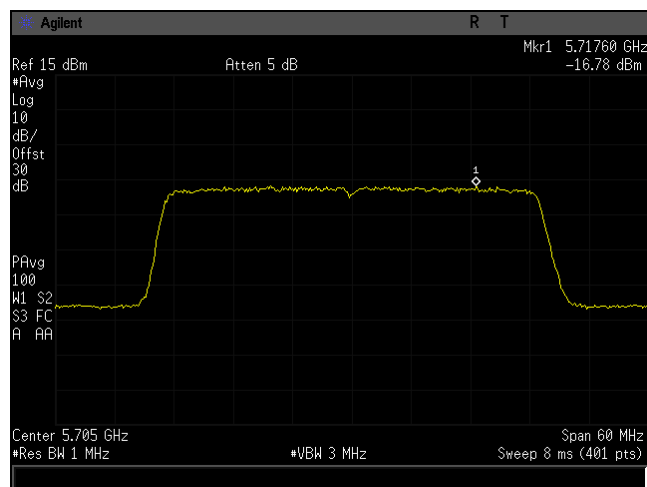




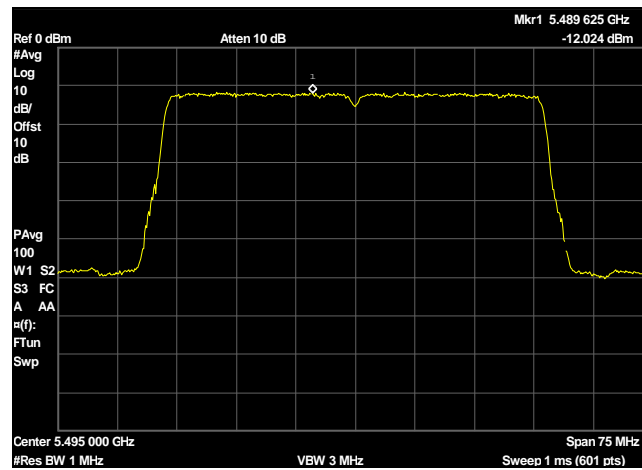
Plot 524. Power Spectral Density, UNII 2C, BW 40M, Ch 5600M, 2x2 22dBi c1



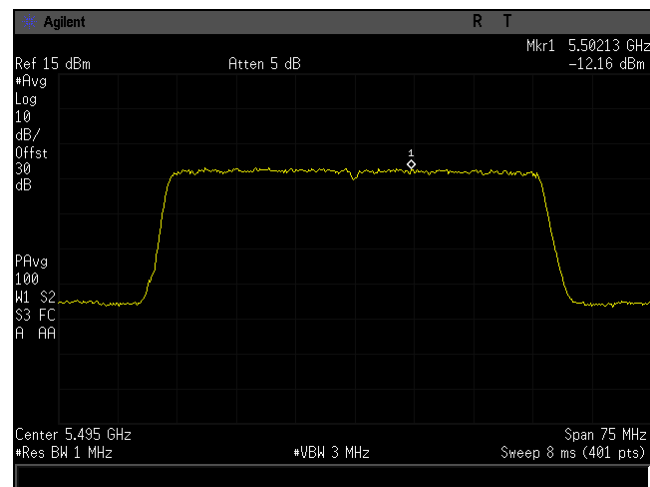
Plot 525. Power Spectral Density, UNII 2C, BW 40M, Ch 5705M, 2x2 22dBi c0



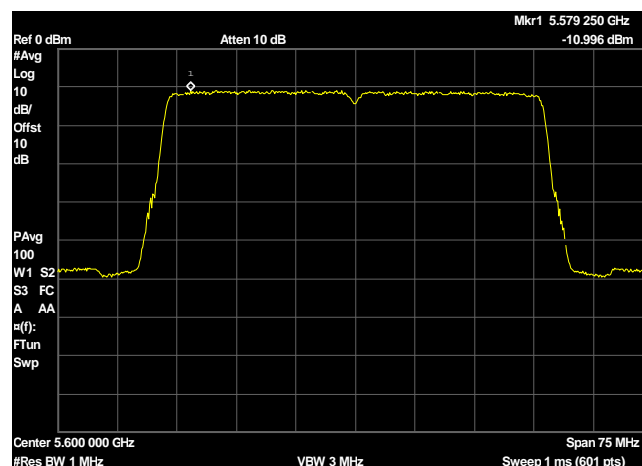
Plot 526. Power Spectral Density, UNII 2C, BW 40M, Ch 5705M, 2x2 22dBi c1



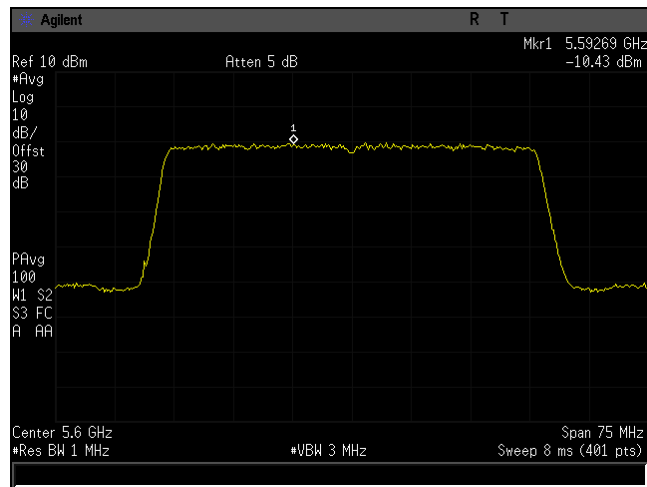
Plot 527. Power Spectral Density, UNII 2C, BW 50M, Ch 5495M, 2x2 22dBi c0



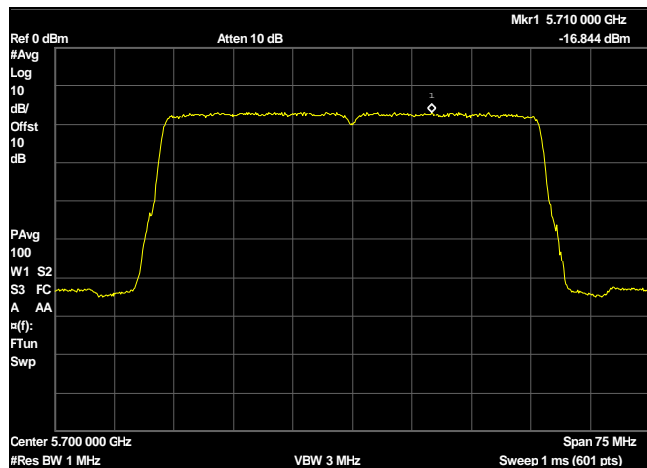
Plot 528. Power Spectral Density, UNII 2C, BW 50M, Ch 5495M, 2x2 22dBi c1



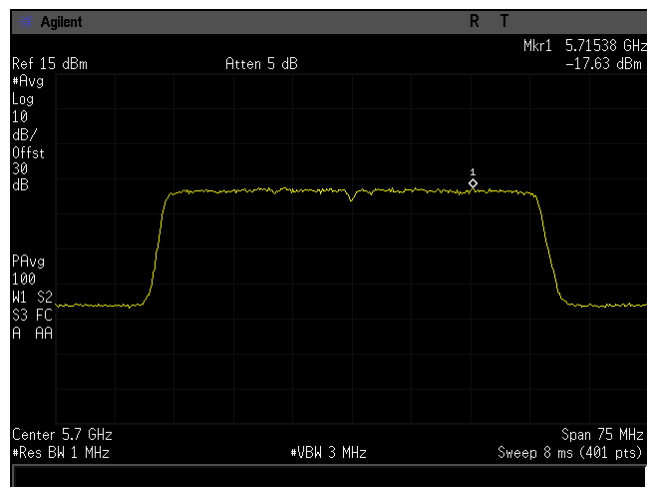
Plot 529. Power Spectral Density, UNII 2C, BW 50M, Ch 5600M, 2x2 22dBi c0



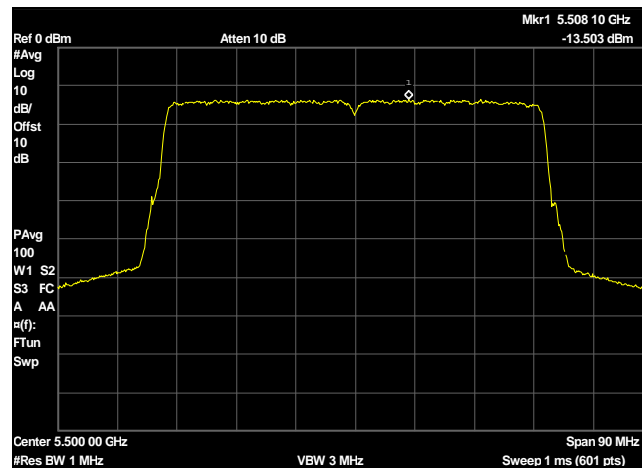
Plot 530. Power Spectral Density, UNII 2C, BW 50M, Ch 5600M, 2x2 22dBi c1



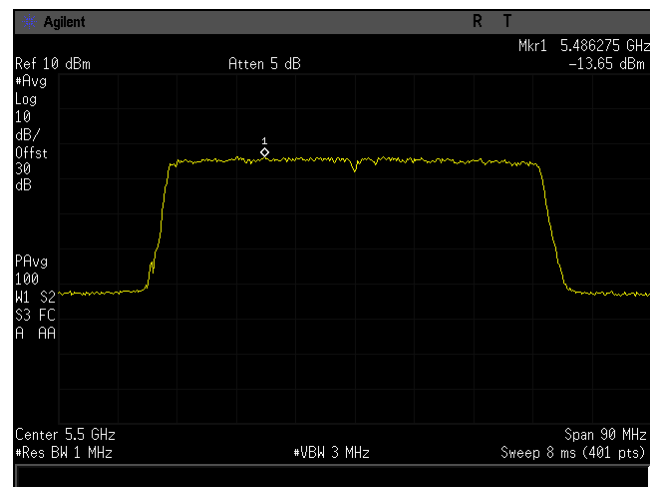
Plot 531. Power Spectral Density, UNII 2C, BW 50M, Ch 5700M, 2x2 22dBi c0



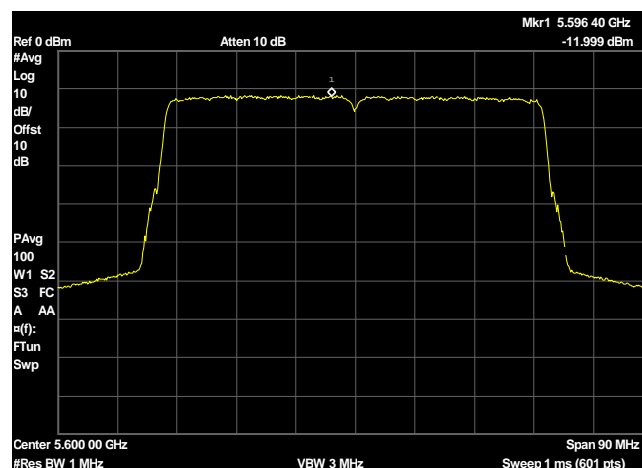
Plot 532. Power Spectral Density, UNII 2C, BW 50M, Ch 5700M, 2x2 22dBi c1



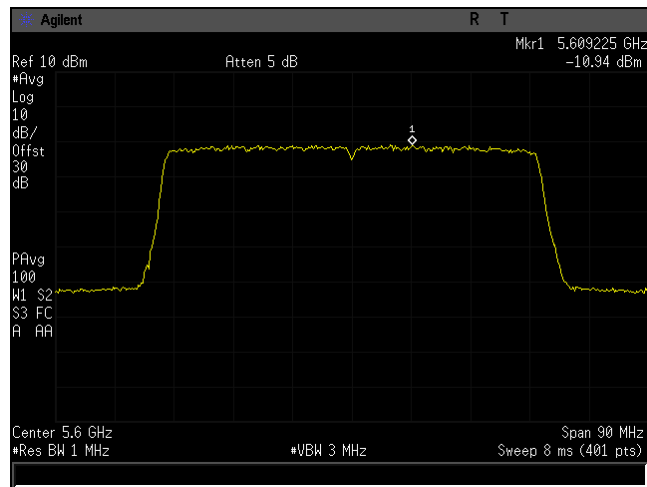
Plot 533. Power Spectral Density, UNII 2C, BW 60M, Ch 5500M, 2x2 22dBi c0



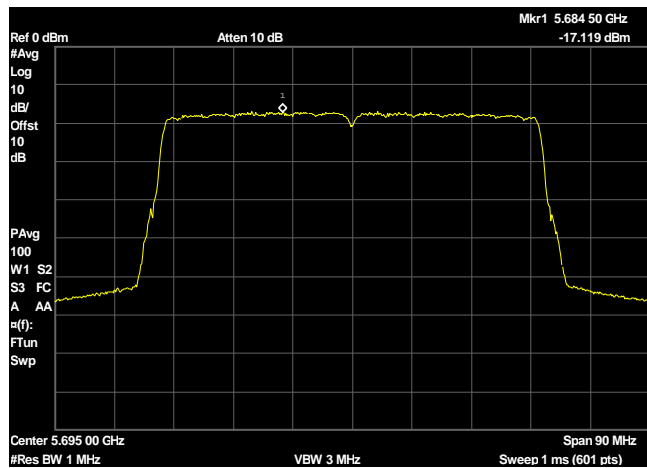
Plot 534. Power Spectral Density, UNII 2C, BW 60M, Ch 5500M, 2x2 22dBi c1



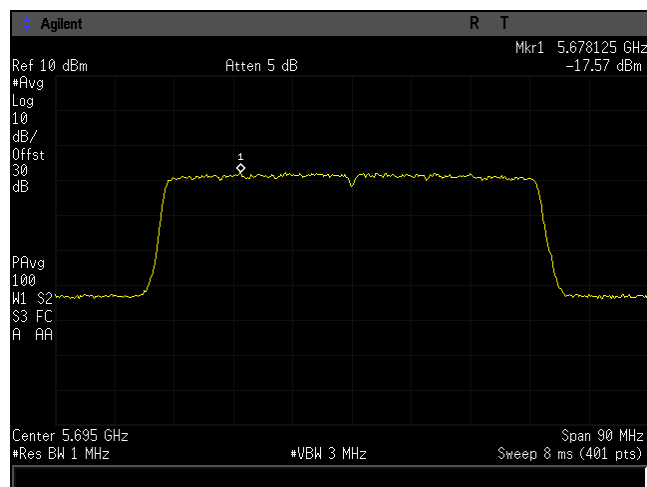
Plot 535. Power Spectral Density, UNII 2C, BW 60M, Ch 5600M, 2x2 22dBi c0



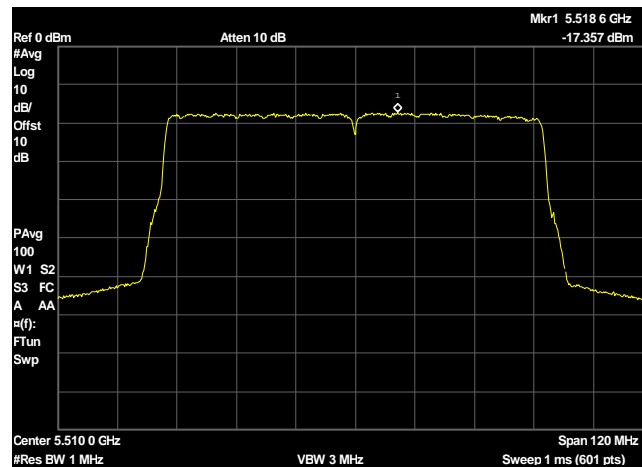
Plot 536. Power Spectral Density, UNII 2C, BW 60M, Ch 5600M, 2x2 22dBi c1



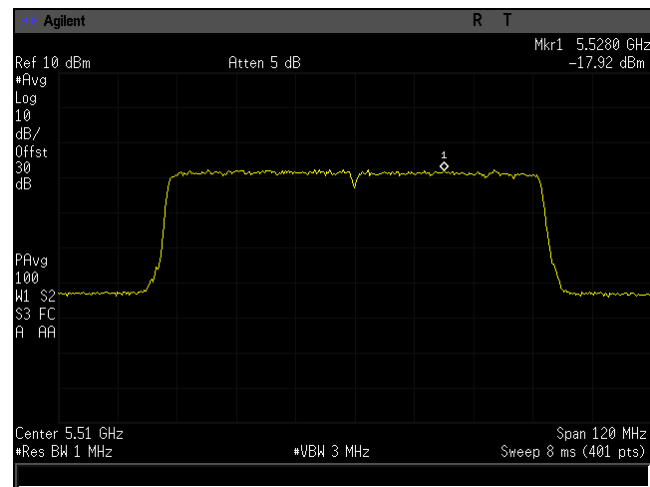
Plot 537. Power Spectral Density, UNII 2C, BW 60M, Ch 5695M, 2x2 22dBi c0



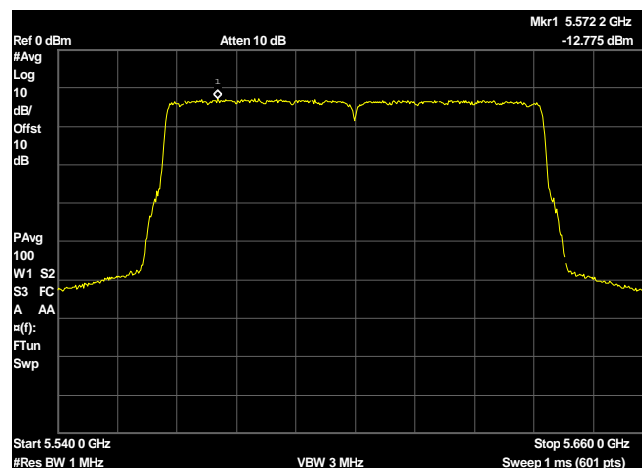
Plot 538. Power Spectral Density, UNII 2C, BW 60M, Ch 5695M, 2x2 22dBi c1



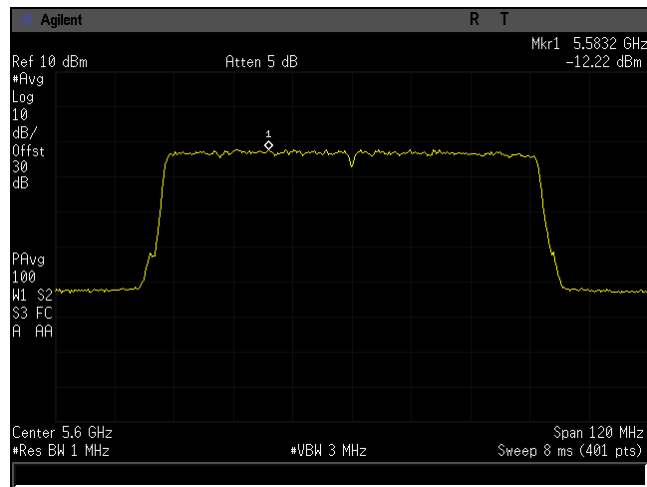
Plot 539. Power Spectral Density, UNII 2C, BW 80M, Ch 5510M, 2x2 22dBi c0



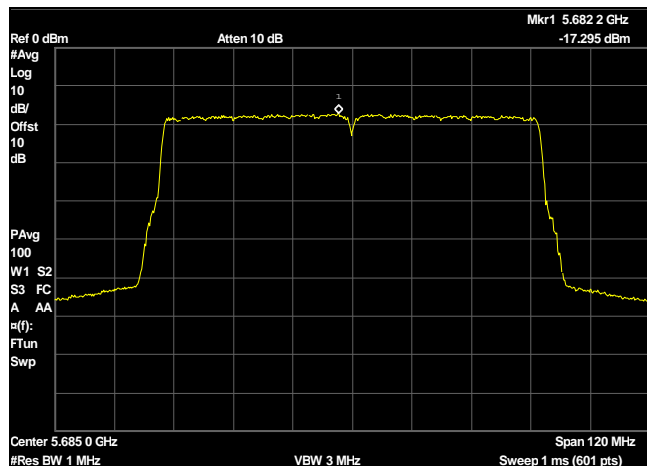
Plot 540. Power Spectral Density, UNII 2C, BW 80M, Ch 5510M, 2x2 22dBi c1



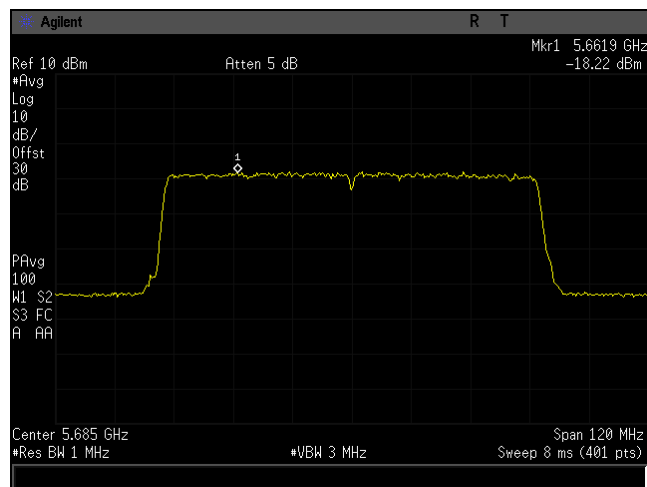
Plot 541. Power Spectral Density, UNII 2C, BW 80M, Ch 5600M, 2x2 22dBi c0



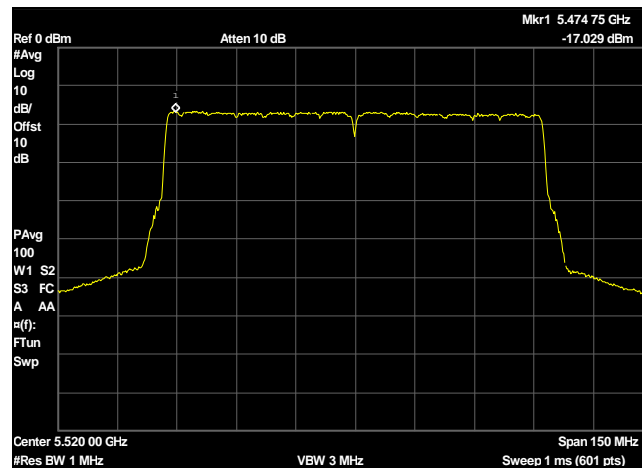
Plot 542. Power Spectral Density, UNII 2C, BW 80M, Ch 5600M, 2x2 22dBi c1



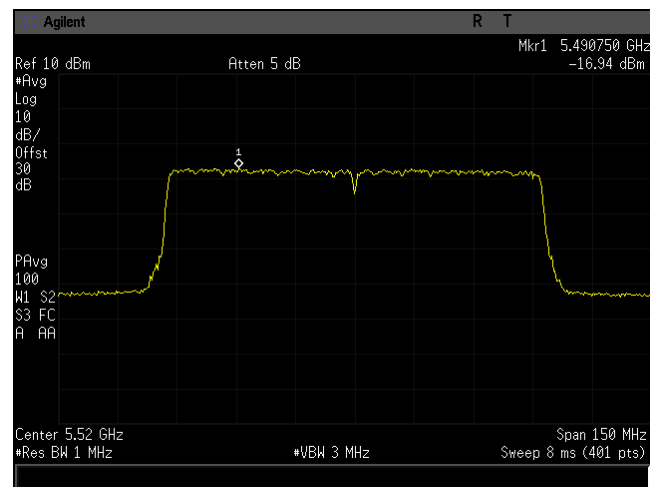
Plot 543. Power Spectral Density, UNII 2C, BW 80M, Ch 5685M, 2x2 22dBi c0



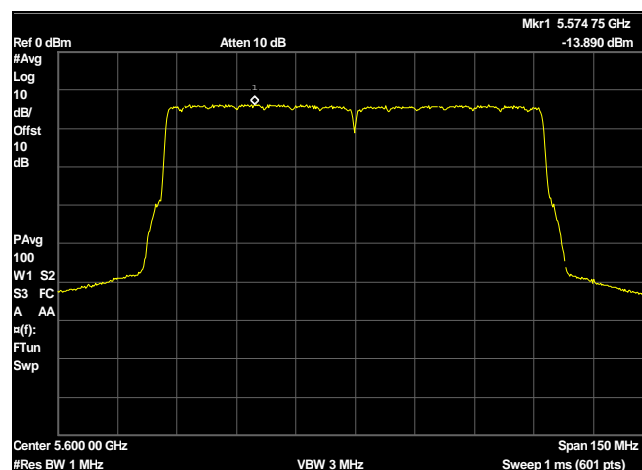
Plot 544. Power Spectral Density, UNII 2C, BW 80M, Ch 5685M, 2x2 22dBi c1



Plot 545. Power Spectral Density, UNII 2C, BW 100M, Ch 5520M, 2x2 22dBi c0

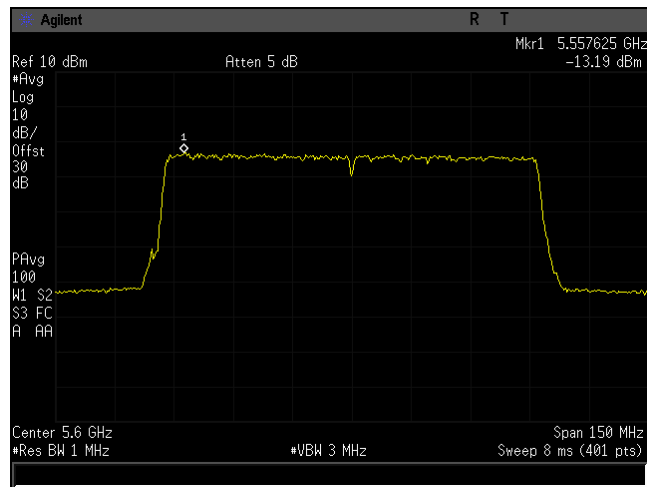


Plot 546. Power Spectral Density, UNII 2C, BW 100M, Ch 5520M, 2x2 22dBi c1

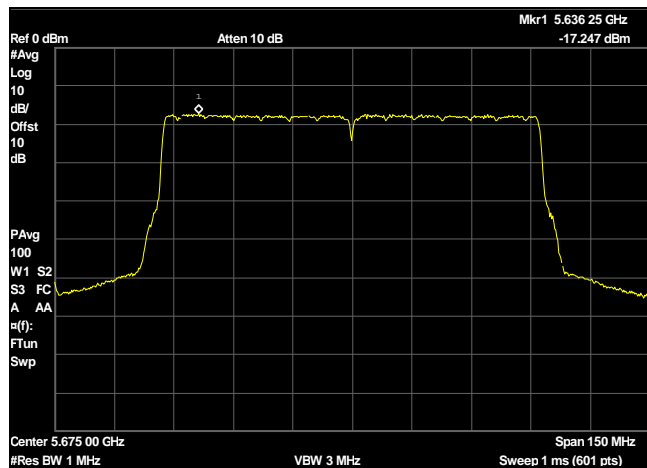


Plot 547. Power Spectral Density, UNII 2C, BW 100M, Ch 5600M, 2x2 22dBi c0

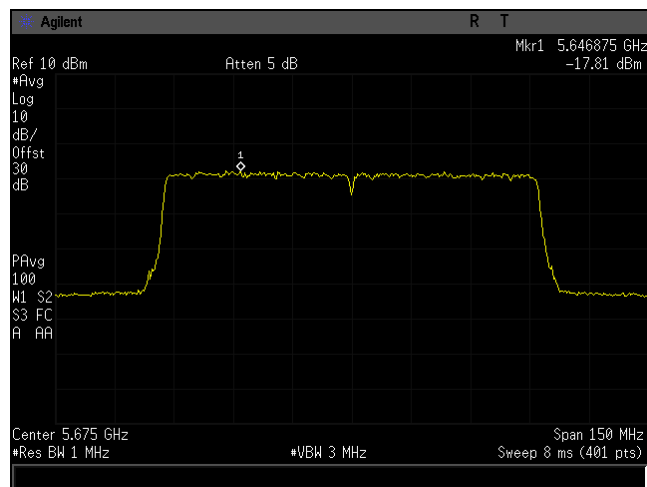




Plot 548. Power Spectral Density, UNII 2C, BW 100M, Ch 5600M, 2x2 22dBi c1



Plot 549. Power Spectral Density, UNII 2C, BW 100M, Ch 5675M, 2x2 22dBi c0

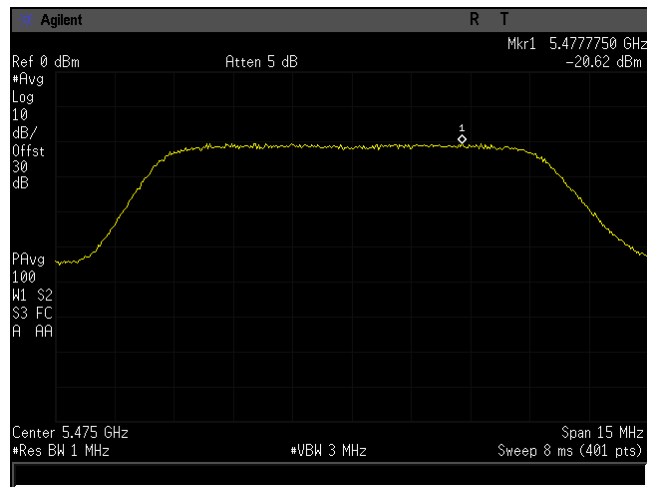


Plot 550. Power Spectral Density, UNII 2C, BW 100M, Ch 5675M, 2x2 22dBi c1

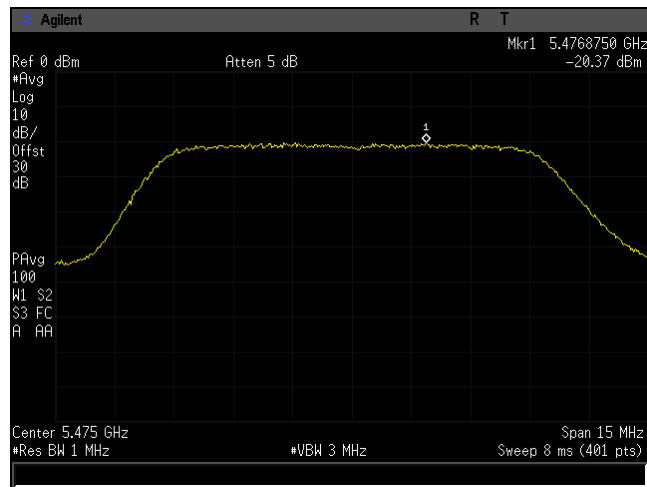
## Power Spectral Density, UNII 2C, 34 dBi

Channel BW (MHz)	Frequency (MHz)	Chain 0 (dBm)	Chain 1 (dBm)	Sum (dBm)	Limit (dBm)	Directional Gain (dBi)	Final Limit (dBm)	Margin (dB)
10	5475	-20.62	-20.37	-17.482	11	34	-17	-0.482
	5600	-20.33	-20.37	-17.339	11	34	-17	-0.339
	5720	-20.6	-20.44	-17.508	11	34	-17	-0.508
20	5480	-23.926	-24.21	-21.055	11	34	-17	-4.055
	5600	-19.879	-20.39	-17.116	11	34	-17	-0.116
	5715	-19.98	-20.28	-17.117	11	34	-17	-0.117
30	5485	-25.489	-25.53	-22.499	11	34	-17	-5.499
	5600	-20.548	-20.487	-17.507	11	34	-17	-0.507
	5710	-20.629	-20.582	-17.595	11	34	-17	-0.595
40	5490	-27.309	-27.05	-24.167	11	34	-17	-7.167
	5600	-21.59	-21.6	-18.584	11	34	-17	-1.584
	5705	-21.69	-22.2	-18.927	11	34	-17	-1.927
50	5495	-26.68	-28.22	-24.371	11	34	-17	-7.371
	5600	-22.992	-22.726	-19.846	11	34	-17	-2.846
	5700	-22.662	-23.044	-19.838	11	34	-17	-2.838
60	5500	-29.431	-29.16	-26.283	11	34	-17	-9.283
	5600	-23.692	-23.387	-20.526	11	34	-17	-3.526
	5695	-23.525	-23.387	-20.445	11	34	-17	-3.445
80	5510	-30.143	-29.98	-27.05	11	34	-17	-10.05
	5600	-24.941	-24.9	-21.91	11	34	-17	-4.91
	5685	-25.226	-24.83	-22.013	11	34	-17	-5.013
100	5520	-33.392	-32.75	-30.048	11	34	-17	-13.048
	5600	-26.269	-26.015	-23.129	11	34	-17	-6.129
	5675	-25.706	-25.846	-22.765	11	34	-17	-5.765

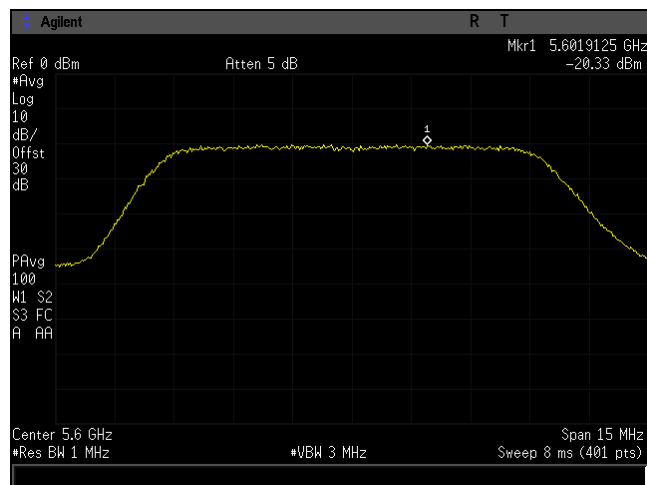
**Table 20. Power Spectral Density, UNII 2C, 34 dBi, 2x2, Test Results**



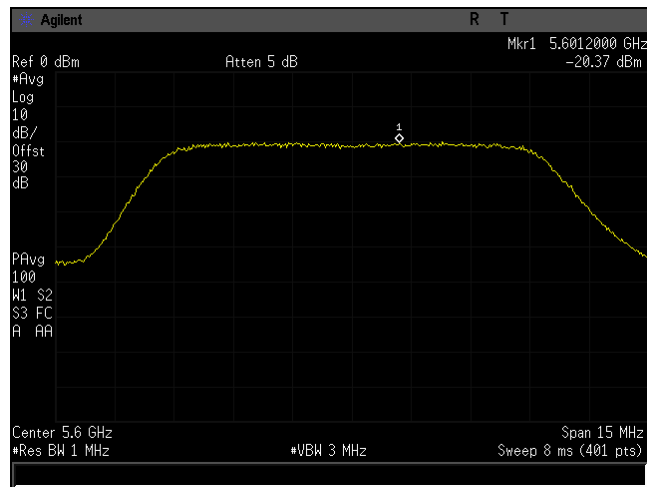
**Plot 551. Power Spectral Density, UNII 2C, BW 10M, Ch 5475M, 2x2 34dBi c0**



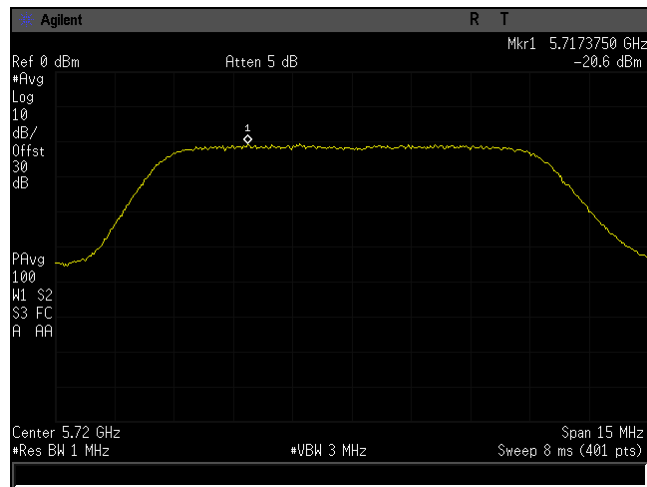
**Plot 552. Power Spectral Density, UNII 2C, BW 10M, Ch 5475M, 2x2 34dBi c1**



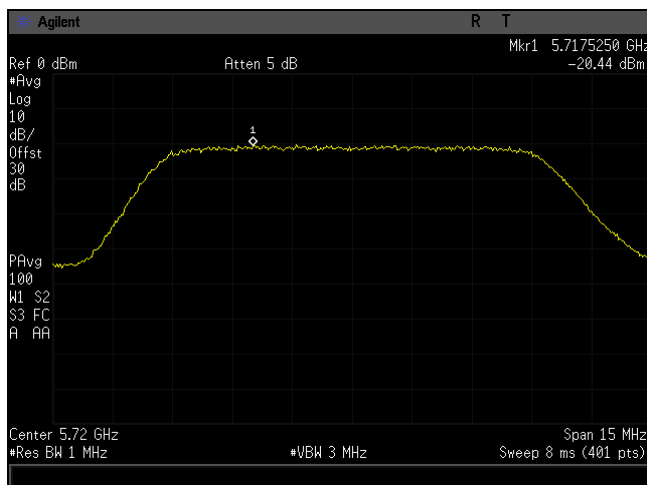
**Plot 553. Power Spectral Density, UNII 2C, BW 10M, Ch 5600M, 2x2 34dBi c0**



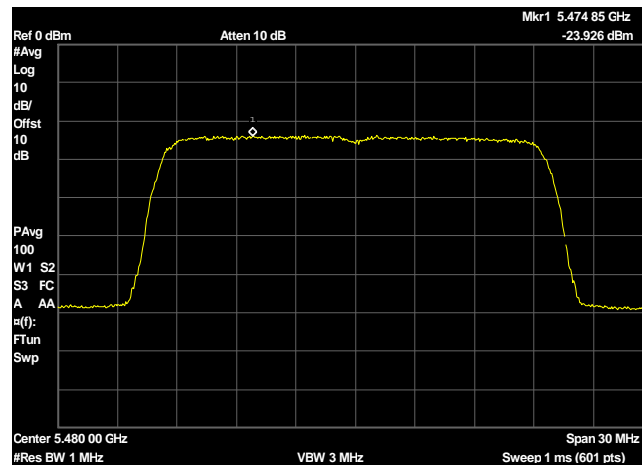
Plot 554. Power Spectral Density, UNII 2C, BW 10M, Ch 5600M, 2x2 34dBi c1



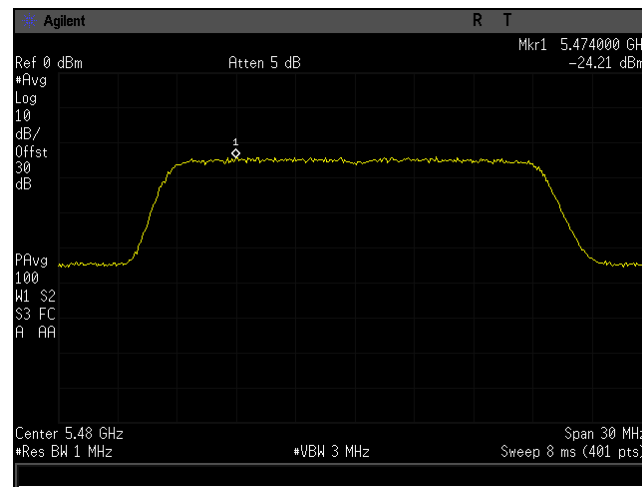
Plot 555. Power Spectral Density, UNII 2C, BW 10M, Ch 5720M, 2x2 34dBi c0



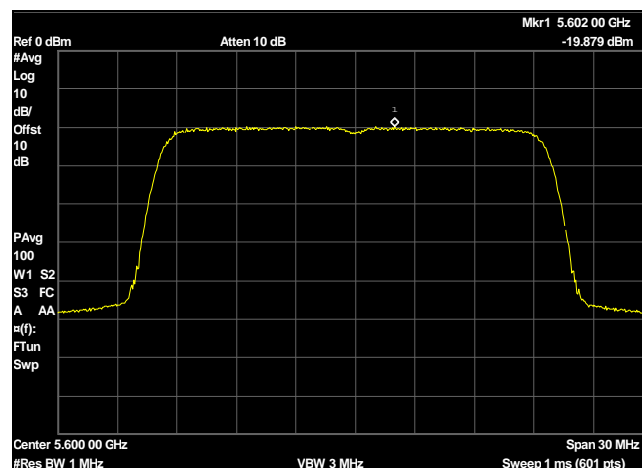
Plot 556. Power Spectral Density, UNII 2C, BW 10M, Ch 5720M, 2x2 34dBi c1



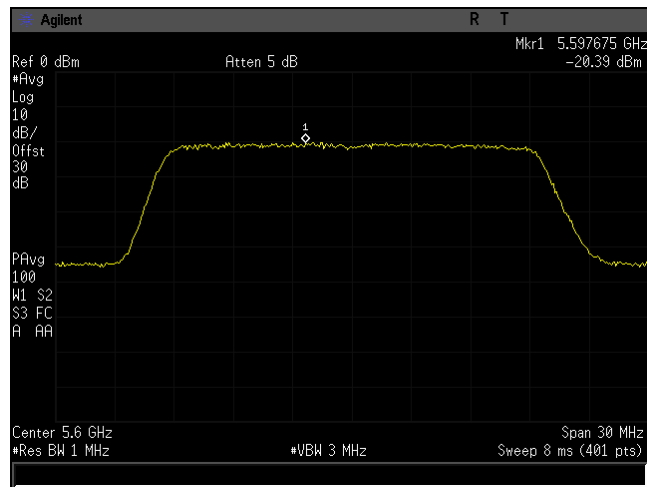
Plot 557. Power Spectral Density, UNII 2C, BW 20M, Ch 5480M, 2x2 34dBi c0



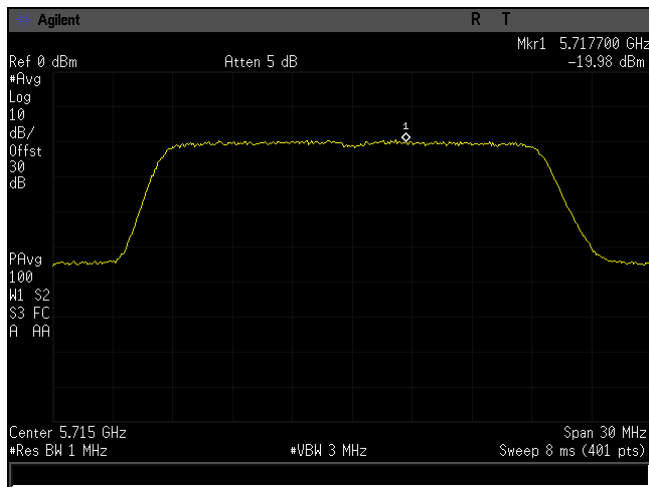
Plot 558. Power Spectral Density, UNII 2C, BW 20M, Ch 5480M, 2x2 34dBi c1



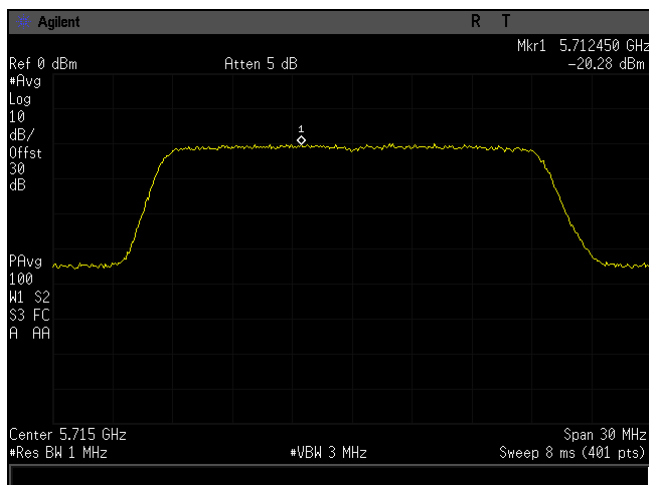
Plot 559. Power Spectral Density, UNII 2C, BW 20M, Ch 5600M, 2x2 34dBi c0



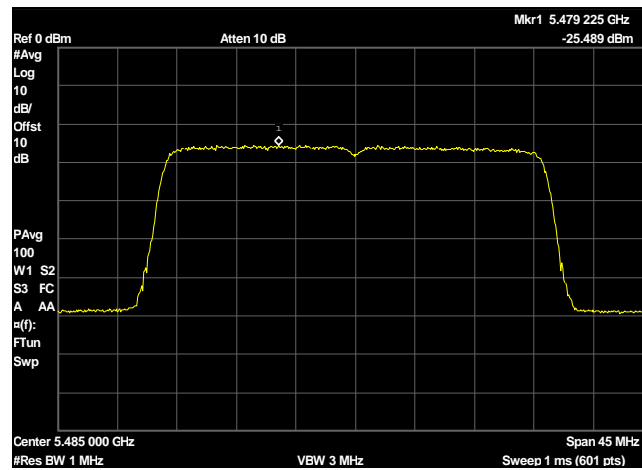
Plot 560. Power Spectral Density, UNII 2C, BW 20M, Ch 5600M, 2x2 34dBi c1



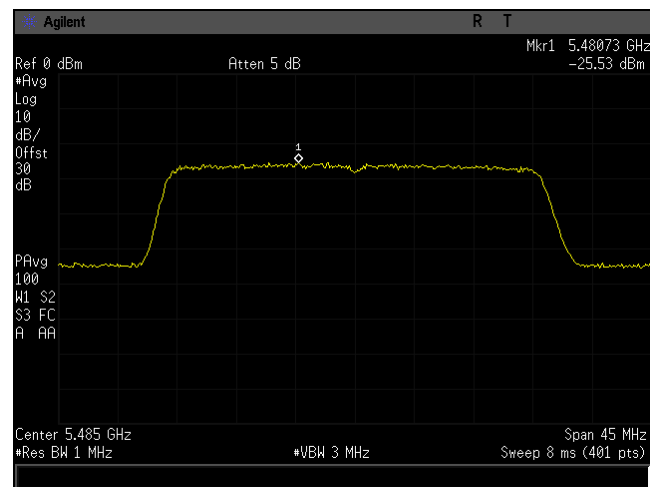
Plot 561. Power Spectral Density, UNII 2C, BW 20M, Ch 5715M, 2x2 34dBi c0



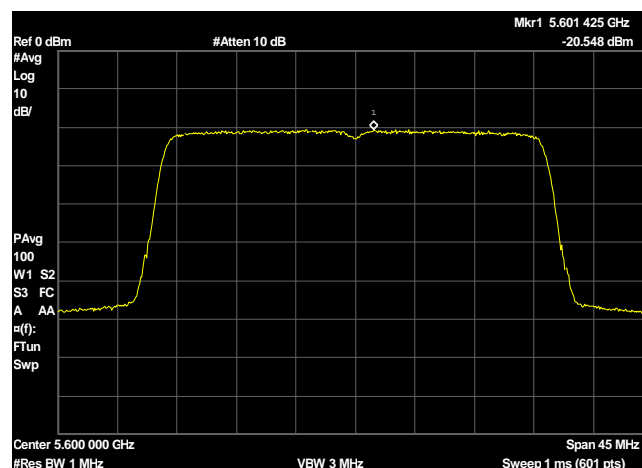
Plot 562. Power Spectral Density, UNII 2C, BW 20M, Ch 5715M, 2x2 34dBi c1



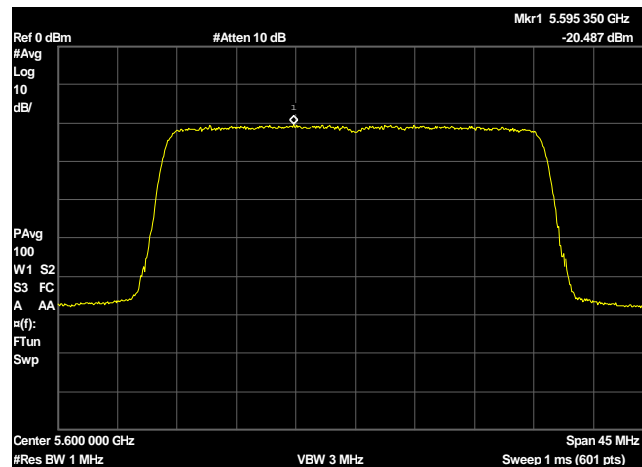
Plot 563. Power Spectral Density, UNII 2C, BW 30M, Ch 5485M, 2x2 34dBi c0



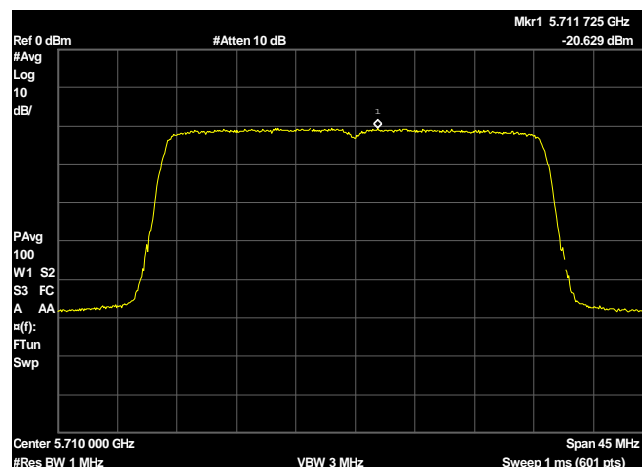
Plot 564. Power Spectral Density, UNII 2C, BW 30M, Ch 5485M, 2x2 34dBi c1



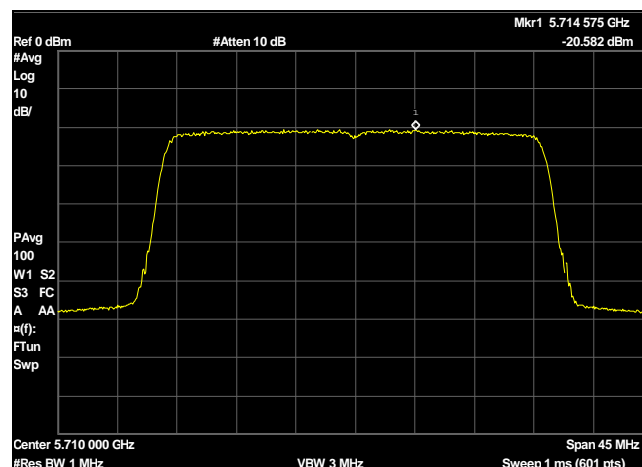
Plot 565. Power Spectral Density, UNII 2C, BW 30M, Ch 5600M, 2x2 34dBi c0



Plot 566. Power Spectral Density, UNII 2C, BW 30M, Ch 5600M, 2x2 34dBi c1

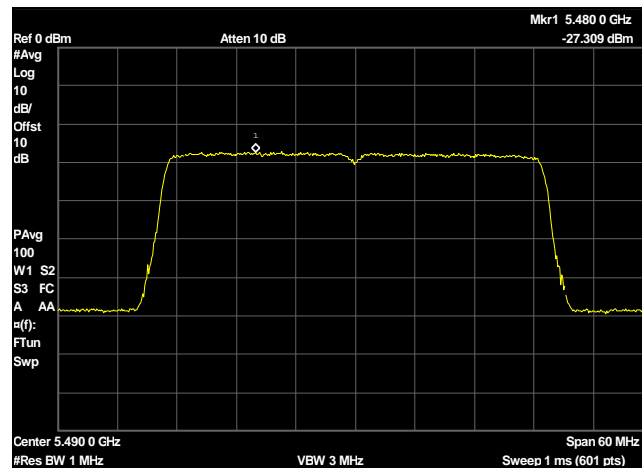


Plot 567. Power Spectral Density, UNII 2C, BW 30M, Ch 5710M, 2x2 34dBi c0

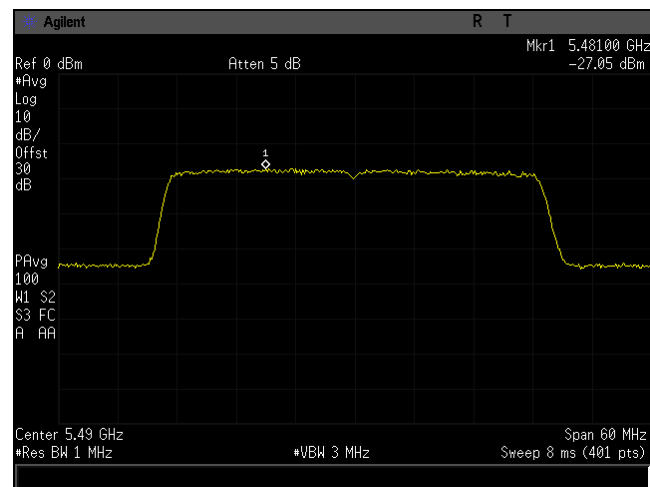


Plot 568. Power Spectral Density, UNII 2C, BW 30M, Ch 5710M, 2x2 34dBi c1

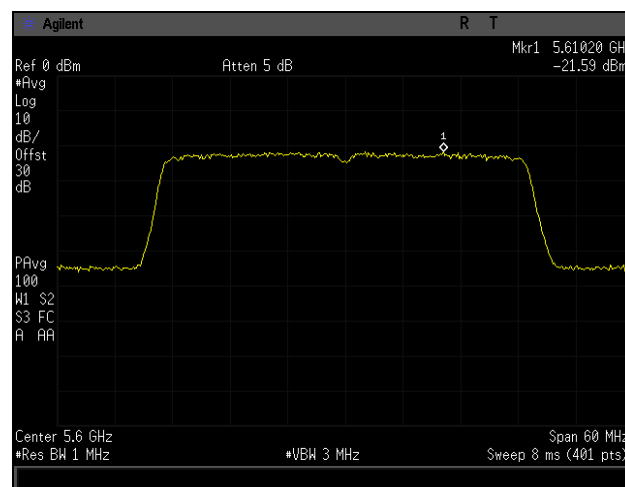




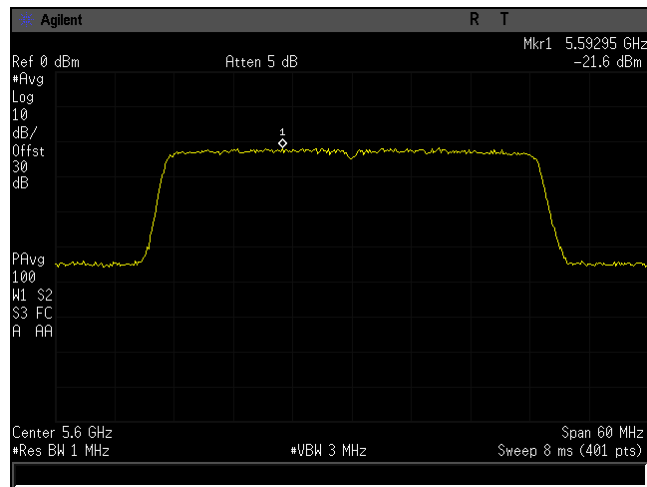
Plot 569. Power Spectral Density, UNII 2C, BW 40M, Ch 5490M, 2x2 34dBi c0



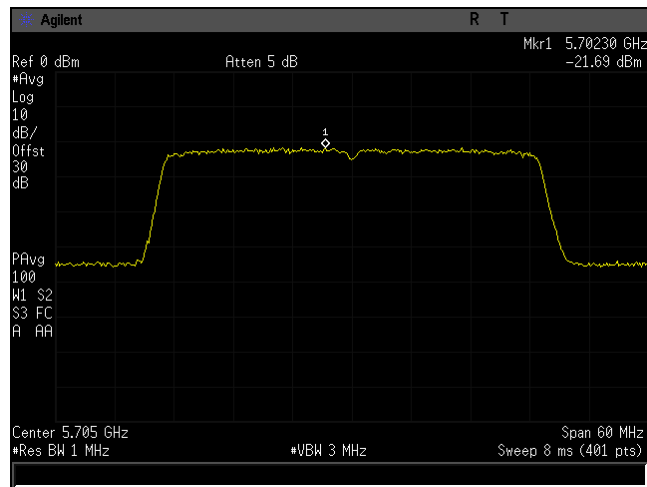
Plot 570. Power Spectral Density, UNII 2C, BW 40M, Ch 5490M, 2x2 34dBi c1



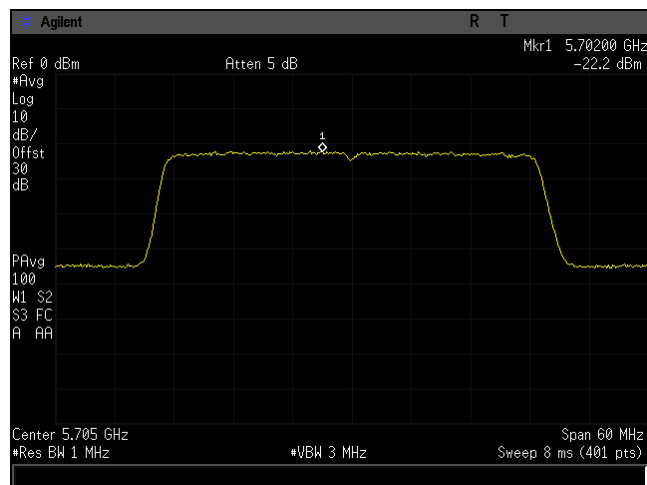
Plot 571. Power Spectral Density, UNII 2C, BW 40M, Ch 5600M, 2x2 34dBi c0



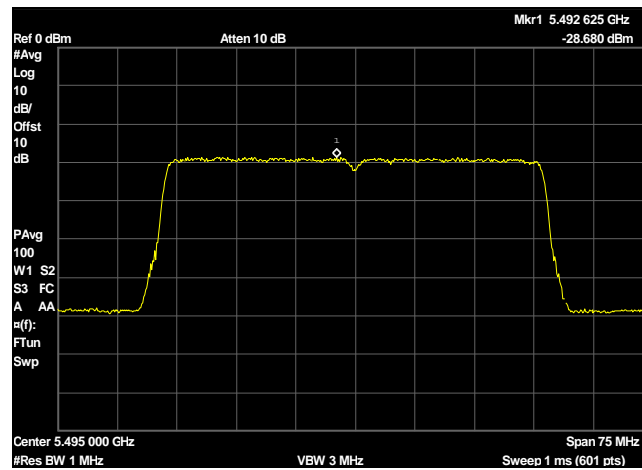
Plot 572. Power Spectral Density, UNII 2C, BW 40M, Ch 5600M, 2x2 34dBi c1



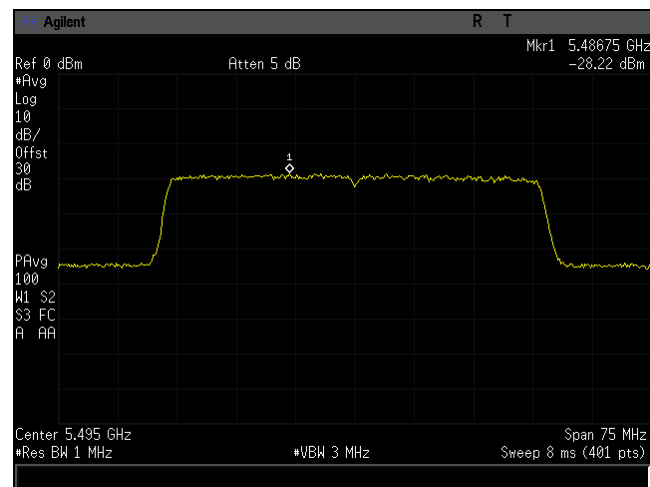
Plot 573. Power Spectral Density, UNII 2C, BW 40M, Ch 5705M, 2x2 34dBi c0



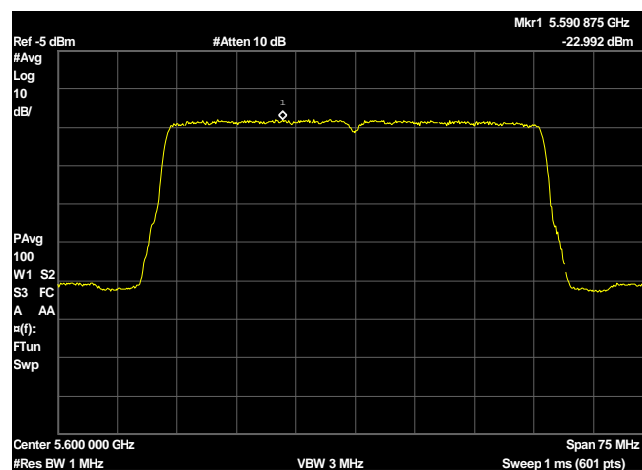
Plot 574. Power Spectral Density, UNII 2C, BW 40M, Ch 5705M, 2x2 34dBi c1



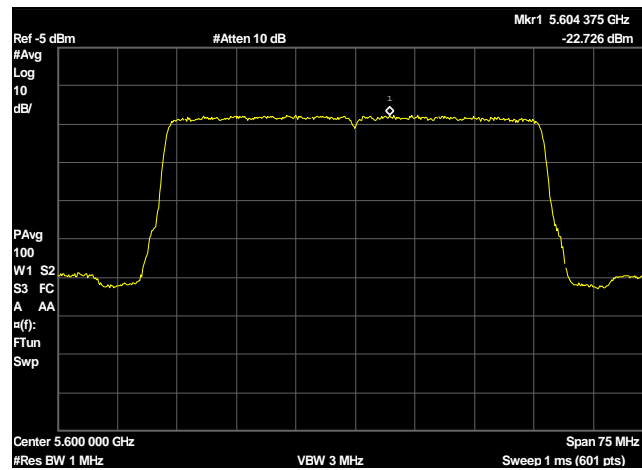
Plot 575. Power Spectral Density, UNII 2C, BW 50M, Ch 5495M, 2x2 34dBi c0



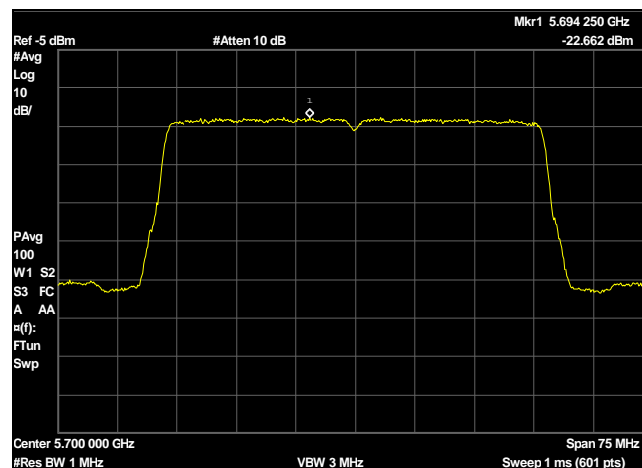
Plot 576. Power Spectral Density, UNII 2C, BW 50M, Ch 5495M, 2x2 34dBi c1



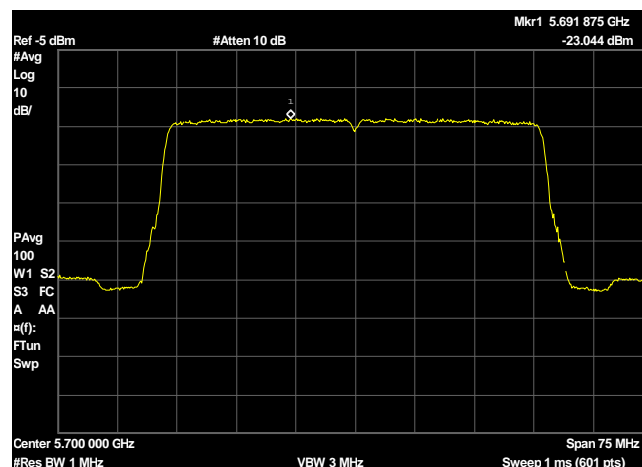
Plot 577. Power Spectral Density, UNII 2C, BW 50M, Ch 5600M, 2x2 34dBi c0



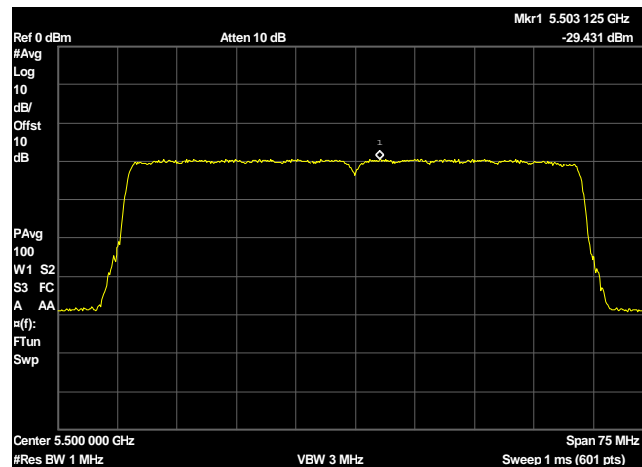
Plot 578. Power Spectral Density, UNII 2C, BW 50M, Ch 5600M, 2x2 34dBi c1



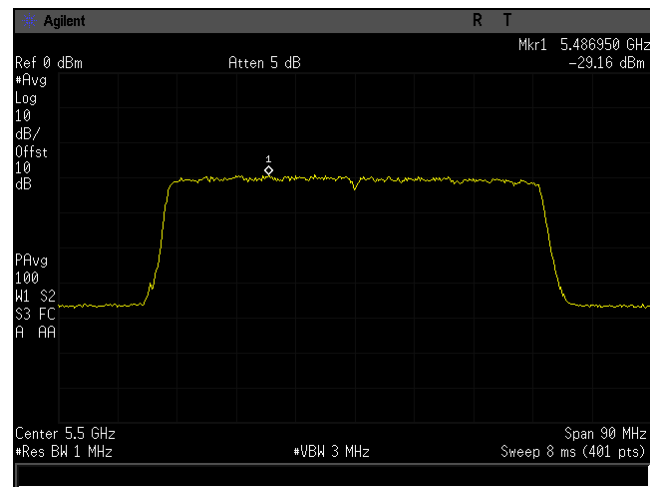
Plot 579. Power Spectral Density, UNII 2C, BW 50M, Ch 5700M, 2x2 34dBi c0



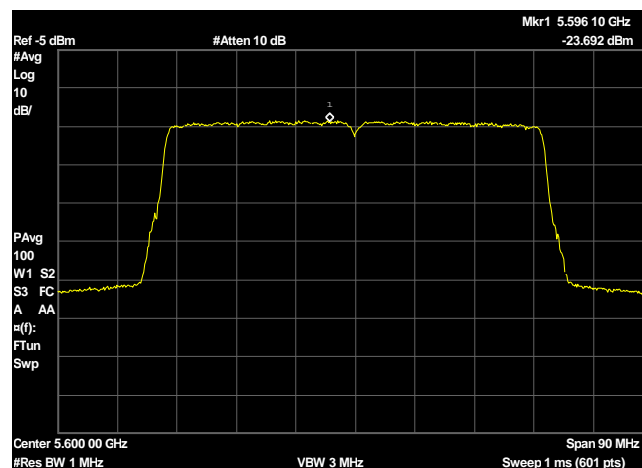
Plot 580. Power Spectral Density, UNII 2C, BW 50M, Ch 5700M, 2x2 34dBi c1



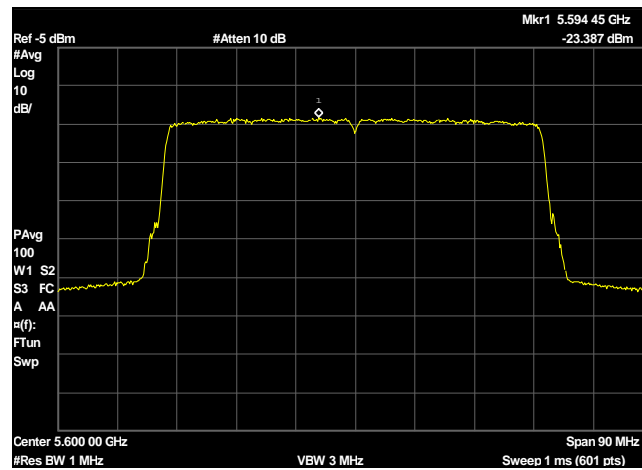
Plot 581. Power Spectral Density, UNII 2C, BW 60M, Ch 5500M, 2x2 34dBi c0



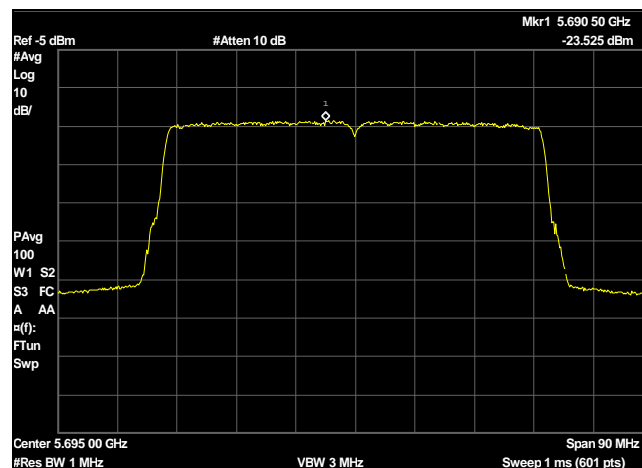
Plot 582. Power Spectral Density, UNII 2C, BW 60M, Ch 5500M, 2x2 34dBi c1



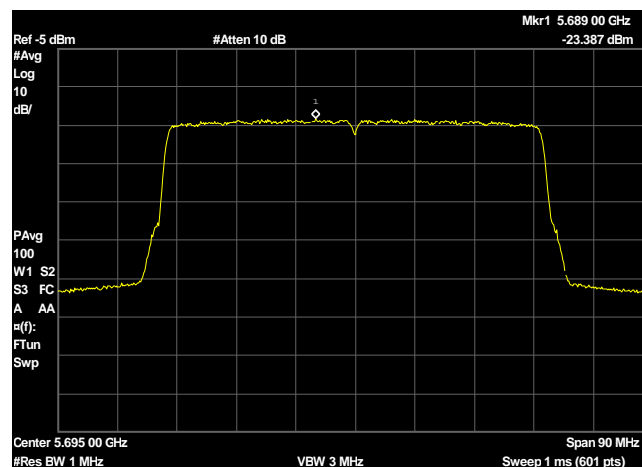
Plot 583. Power Spectral Density, UNII 2C, BW 60M, Ch 5600M, 2x2 34dBi c0



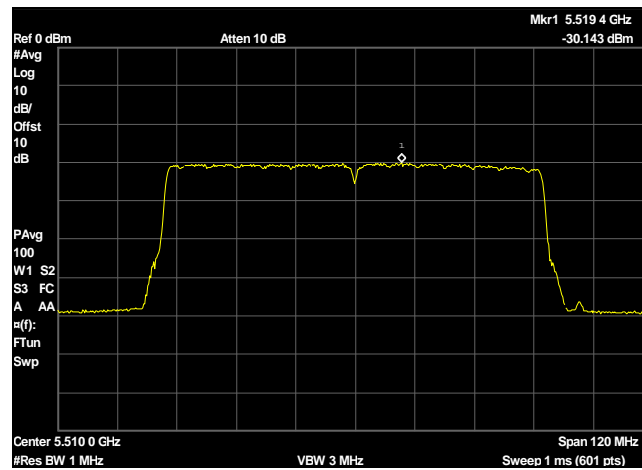
Plot 584. Power Spectral Density, UNII 2C, BW 60M, Ch 5600M, 2x2 34dBi c1



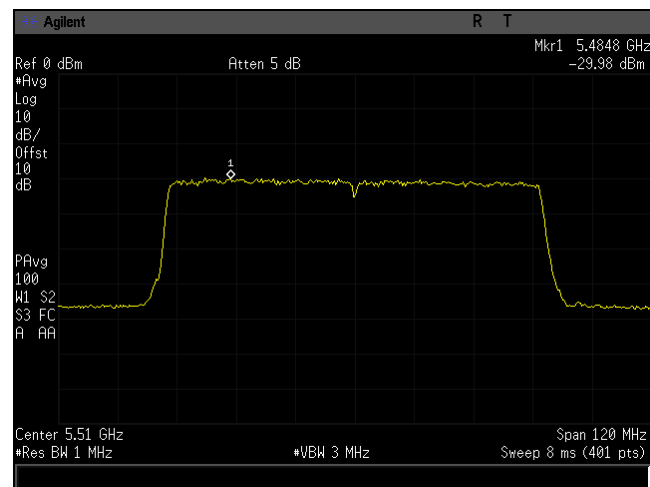
Plot 585. Power Spectral Density, UNII 2C, BW 60M, Ch 5695M, 2x2 34dBi c0



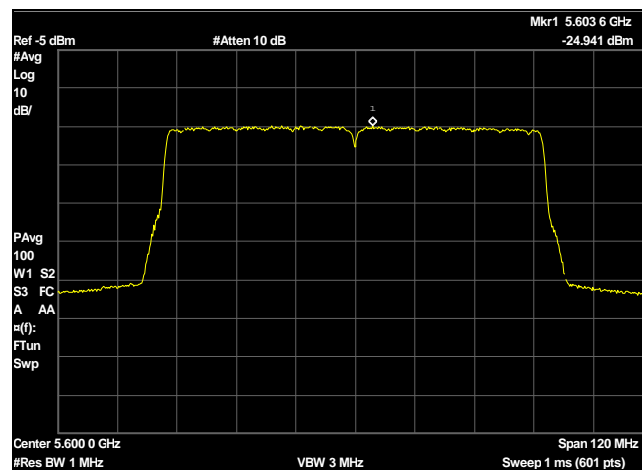
Plot 586. Power Spectral Density, UNII 2C, BW 60M, Ch 5695M, 2x2 34dBi c1



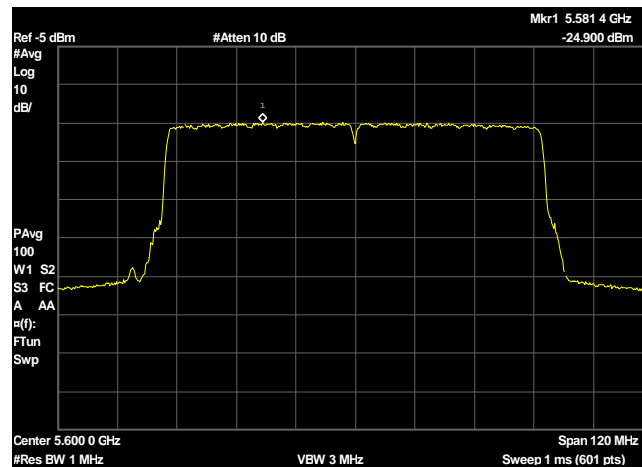
Plot 587. Power Spectral Density, UNII 2C, BW 80M, Ch 5510M, 2x2 34dBi c0



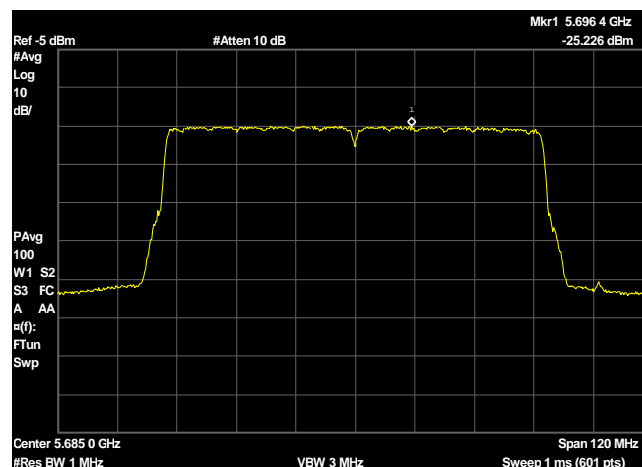
Plot 588. Power Spectral Density, UNII 2C, BW 80M, Ch 5510M, 2x2 34dBi c1



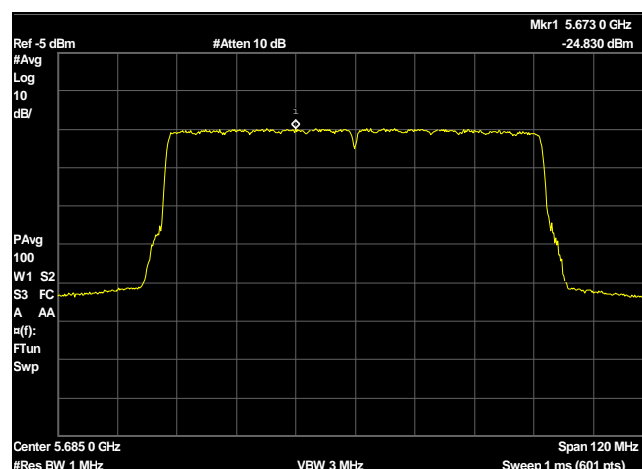
Plot 589. Power Spectral Density, UNII 2C, BW 80M, Ch 5600M, 2x2 34dBi c0



Plot 590. Power Spectral Density, UNII 2C, BW 80M, Ch 5600M, 2x2 34dBi c1

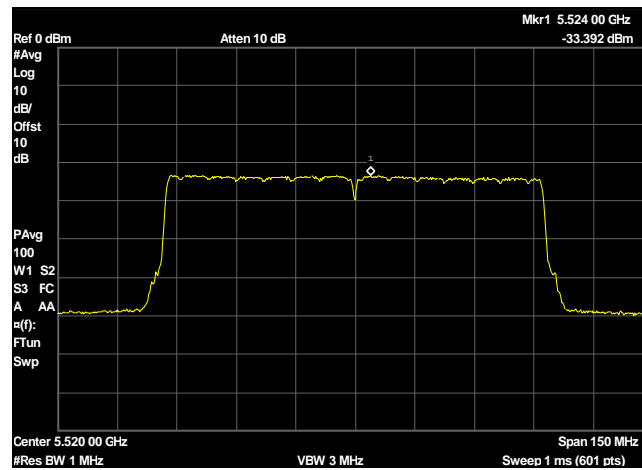


Plot 591. Power Spectral Density, UNII 2C, BW 80M, Ch 5685M, 2x2 34dBi c0

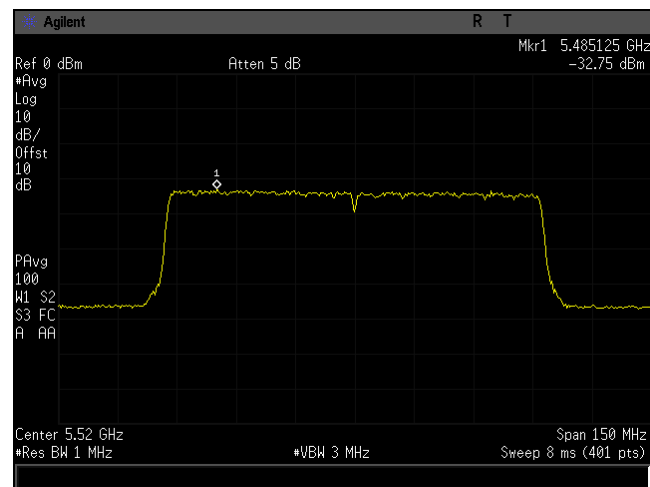


Plot 592. Power Spectral Density, UNII 2C, BW 80M, Ch 5685M, 2x2 34dBi c1

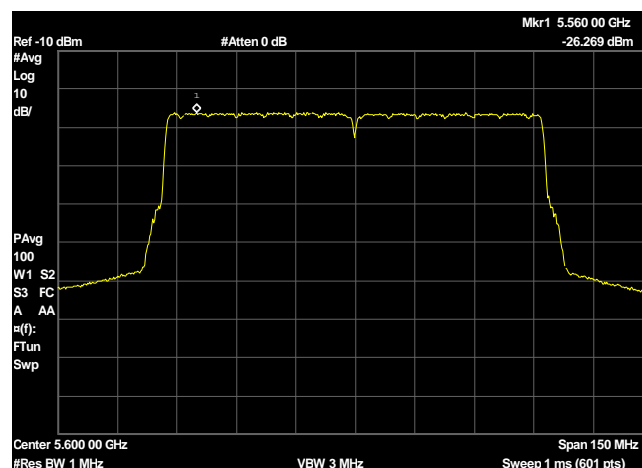




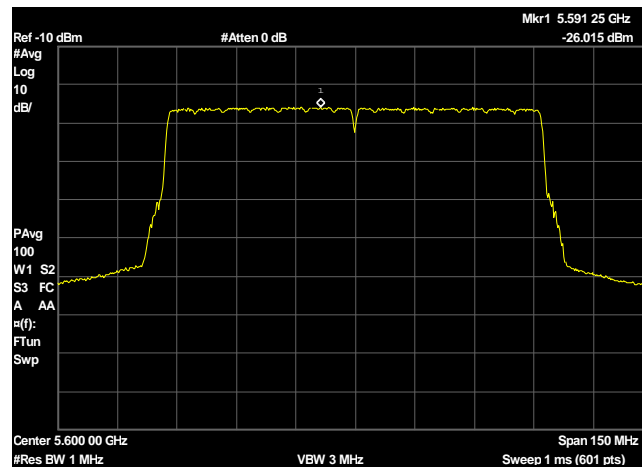
Plot 593. Power Spectral Density, UNII 2C, BW 100M, Ch 5520M, 2x2 34dBi c0



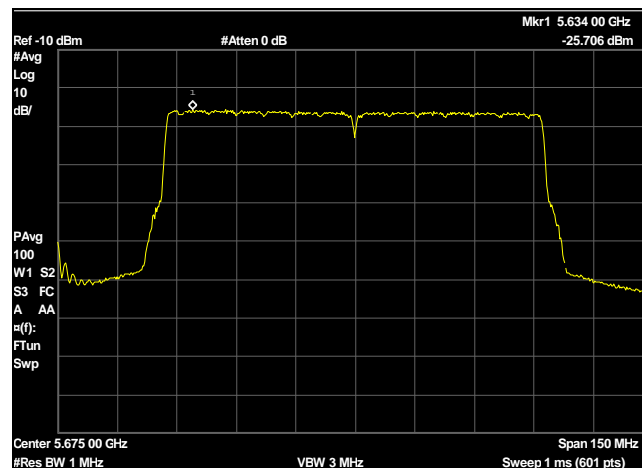
Plot 594. Power Spectral Density, UNII 2C, BW 100M, Ch 5520M, 2x2 34dBi c1



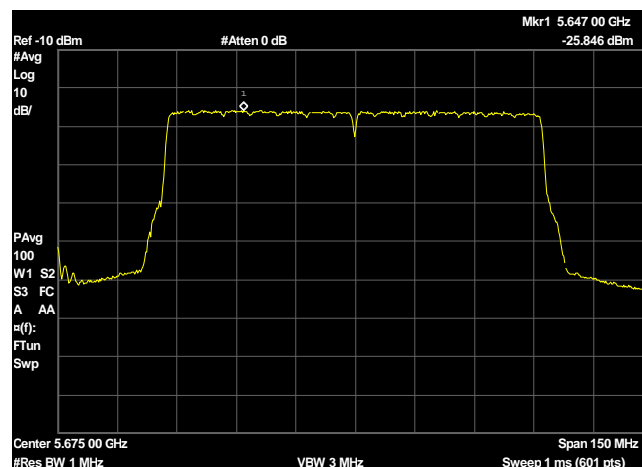
Plot 595. Power Spectral Density, UNII 2C, BW 100M, Ch 5600M, 2x2 34dBi c0



Plot 596. Power Spectral Density, UNII 2C, BW 100M, Ch 5600M, 2x2 34dBi c1



Plot 597. Power Spectral Density, UNII 2C, BW 100M, Ch 5675M, 2x2 34dBi c0



Plot 598. Power Spectral Density, UNII 2C, BW 100M, Ch 5675M, 2x2 34dBi c1

## Electromagnetic Compatibility Criteria for Intentional Radiators

### §15.407(b)(2 – 3) & (6 – 7) Undesirable Emissions

**Test Requirements:**     § 15.407(b)(2): For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

§ 15.407(b)(3): For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

§ 15.407(b)(6): Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in Section 15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in Section 15.207.

§ 15.407(b)(7): The provisions of Section 15.205 of this part apply to intentional radiators operating under this section.

**Test Procedure:**       The EUT was placed on a non-conducting stand on a turntable in a chamber. To find the maximum emission the EUT was set to transmit on low, mid, and high channels. Additionally, the turntable was rotated 360 degrees, the EUT was oriented through its three orthogonal axes, and the receive antenna height was varied in order to maximize emissions.

For frequencies from 30 MHz to 1 GHz, measurements were first made using a peak detector with a 100 kHz resolution bandwidth. Emissions which exceeded the limits were re-measured using a quasi-peak detector with a 120 kHz resolution bandwidth.

Above 1 GHz, measurements were made pursuant the method described in FCC KDB 789033 D02 General UNII Test Procedure New Rules v01. The equation,  $EIRP = E + 20 \log D - 104.8$  was used to convert field strength to EIRP ( $E$  = field strength (dBμV/m) and  $D$  = Reference measurement distance).

For emissions above 1 GHz and in restricted bands, measurements of the field strength were made with a peak detector and an average detector and compared with the limits of 15.209.

As an alternative, according to FCC KDB 789033 D02 General UNII Test Procedure New Rules v01, all emissions above 1 GHz that comply with the peak and average limits of 15.209 satisfy the requirements of unwanted emissions in 15.407.

**Test Results:**       For below 1 GHz, the EUT was compliant with the requirements of this section. The worst case configuration is used to show compliance with the requirements. QP detector was used to measure the emissions that appeared to be above the limit during the pre-scan.

For above 1 GHz, the EUT was compliant with the requirements of this section. Emissions that appear to be above the limit were investigated by zooming into the frequency of interest and changing the VBW to 30Hz. Power integration method was used to measure the power around the bandedge. Bandedge plots have been corrected for antenna correction factors, cable loss; units are dBμV/m.

Above 18GHz, only noise floor was seen.

**Test Engineer(s):**     Donald Salguero

**Test Date(s):**       August 30, 2017

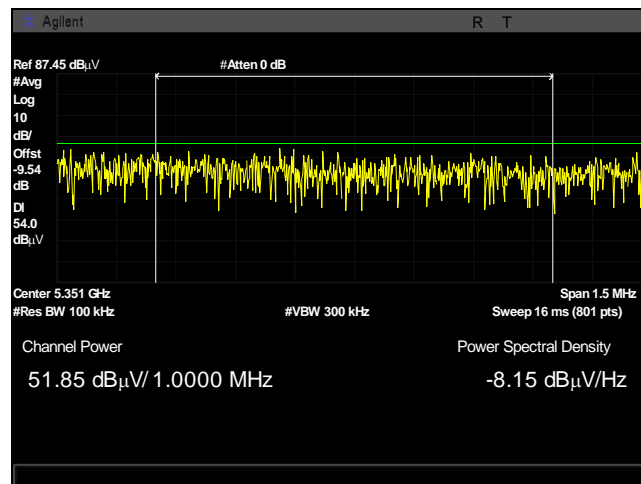
## Undesirable Emissions, UNII 2A



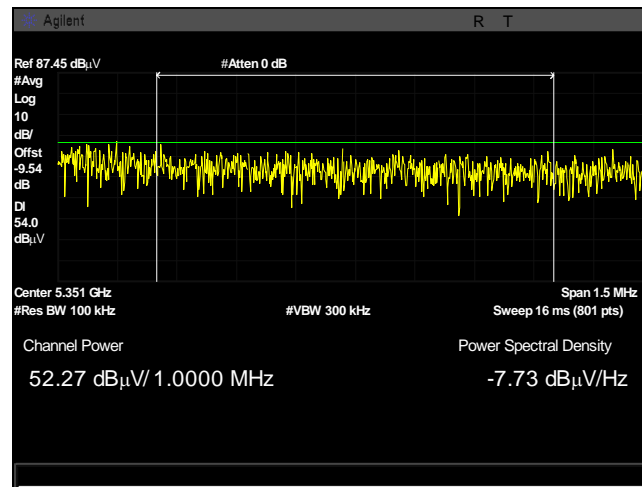
Plot 599. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 13dBi, 10M, 5345M, pwr integration



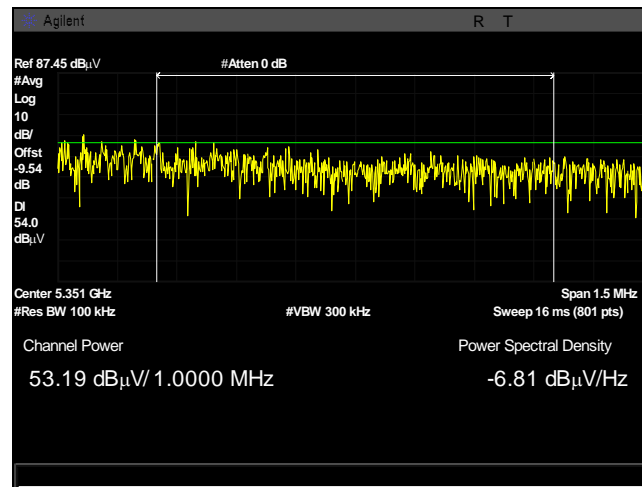
Plot 600. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 13dBi, 20M, 5340M, pwr integration



Plot 601. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 13dBi, 30M, 5335M, pwr integration



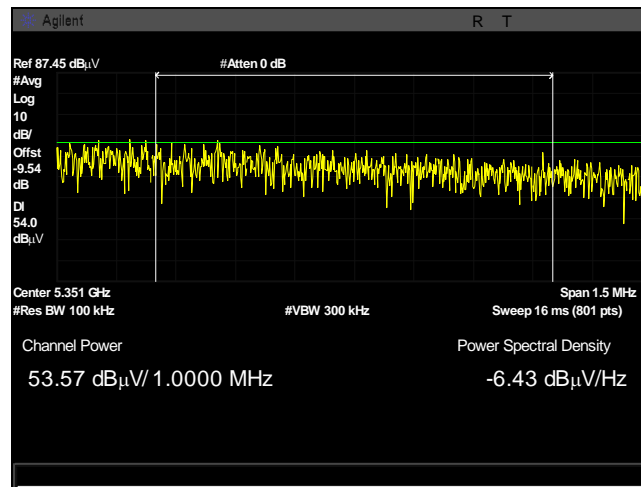
Plot 602. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 13dBi, 40M, 5330M, pwr integration



Plot 603. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 13dBi, 50M, 5325M, pwr integration



Plot 604. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 13dBi, 60M, 5320M, pwr integration



Plot 605. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 13dBi, 80M, 5310M, pwr integration



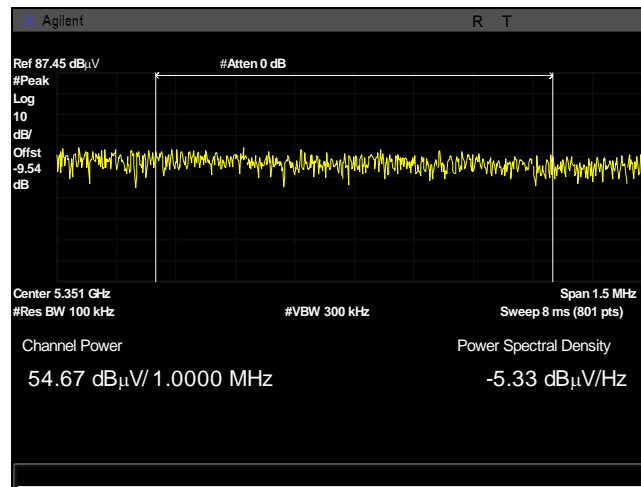
Plot 606. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 13dBi, 100M, 5300M, pwr integration



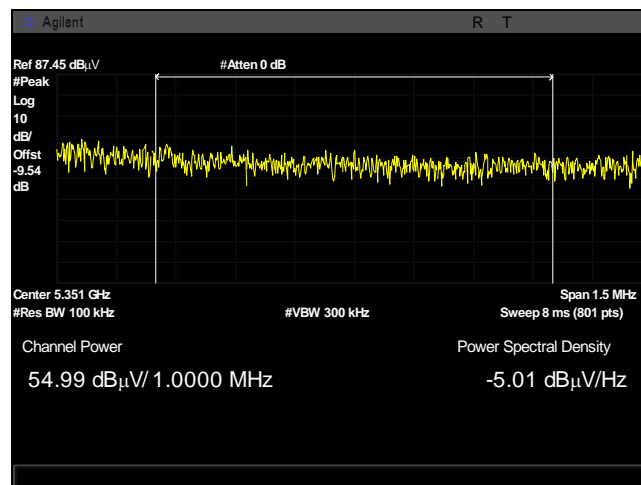
Plot 607. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 13dBi, 10M, 5345M, pwr integration



Plot 608. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 13dBi, 20M, 5340M, pwr integration



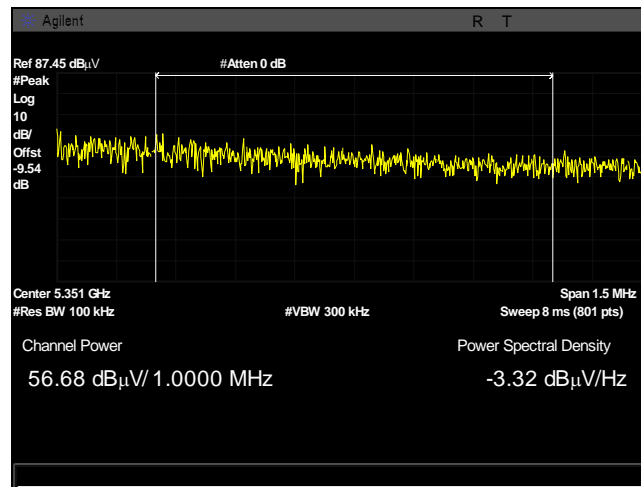
Plot 609. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 13dBi, 30M, 5335M, pwr integration



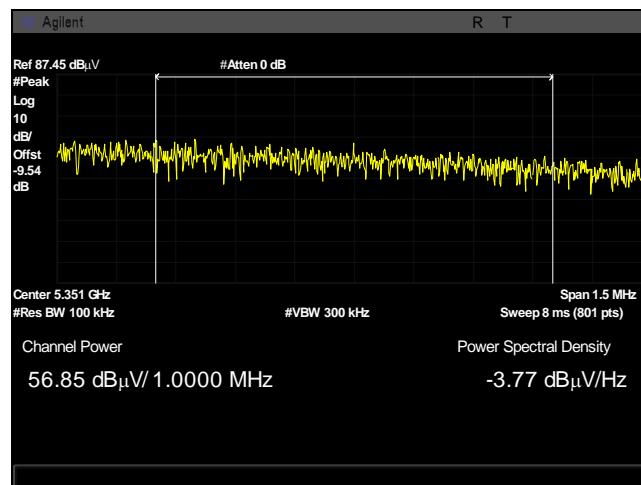
Plot 610. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 13dBi, 40M, 5330M, pwr integration



Plot 611. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 13dBi, 50M, 5325M, pwr integration

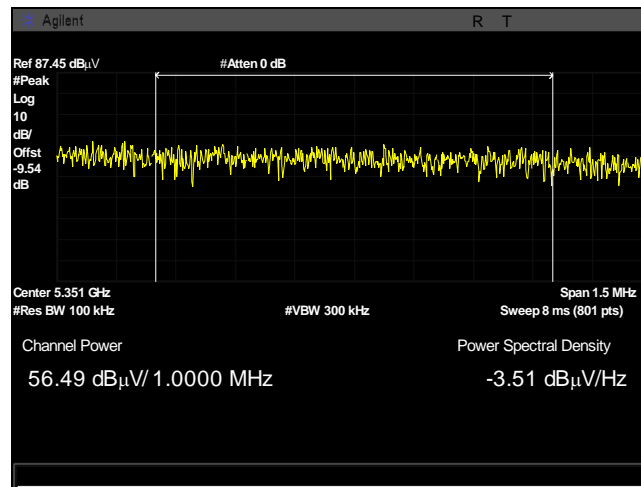


Plot 612. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 13dBi, 60M, 5320M, pwr integration

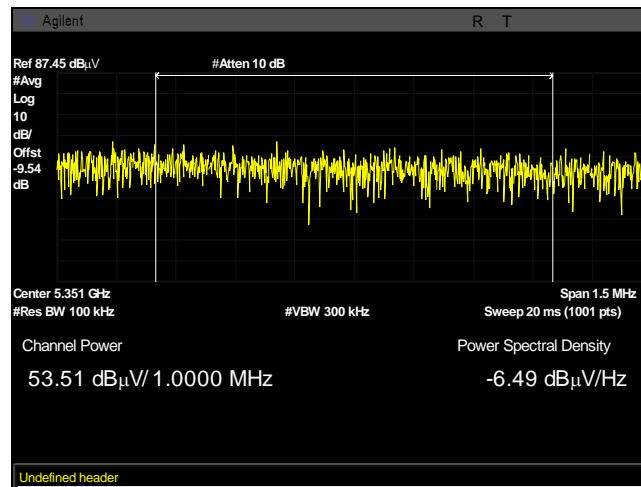


Plot 613. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 13dBi, 80M, 5310M, pwr integration

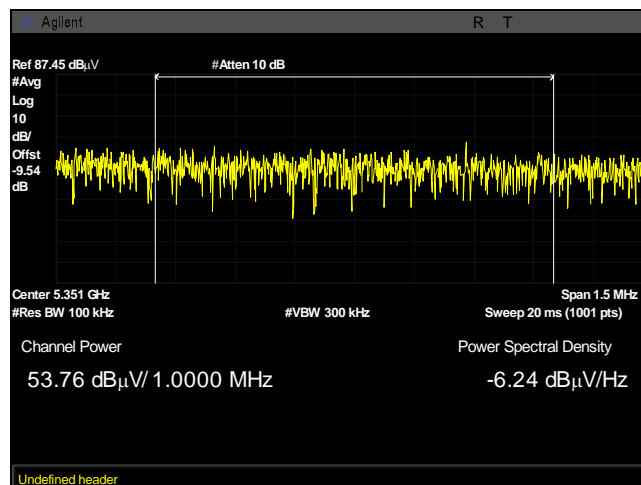




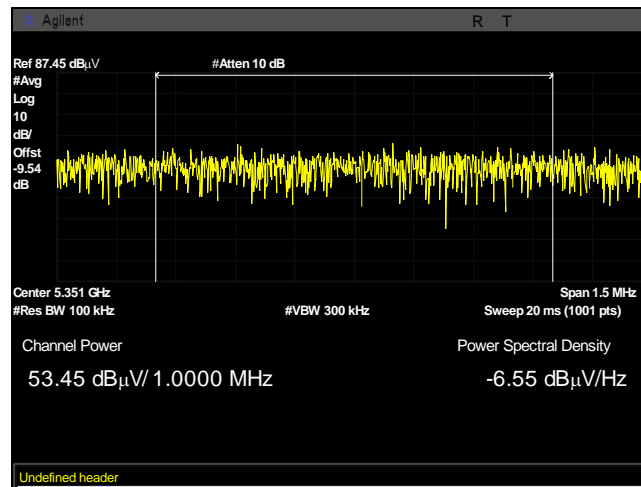
Plot 614. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 13dBi, 100M, 5300M, pwr integration



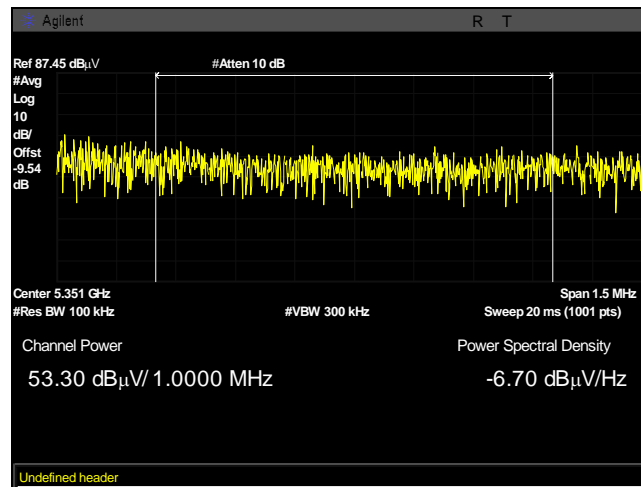
Plot 615. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 22dB, sector, 10M, 5345M, pwr integration



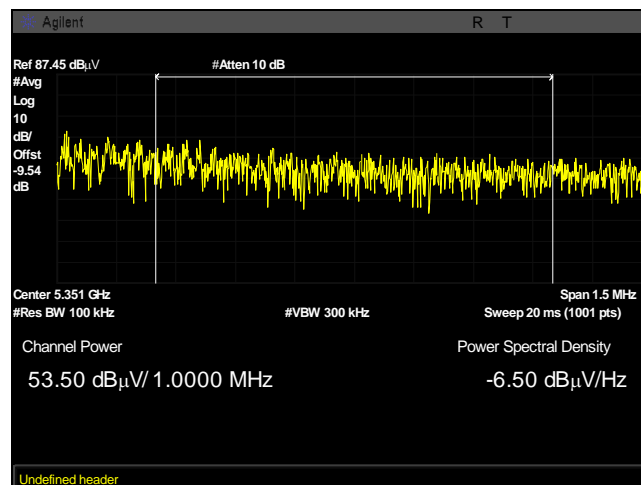
Plot 616. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 22dB, sector, 20M, 5340M, pwr integration



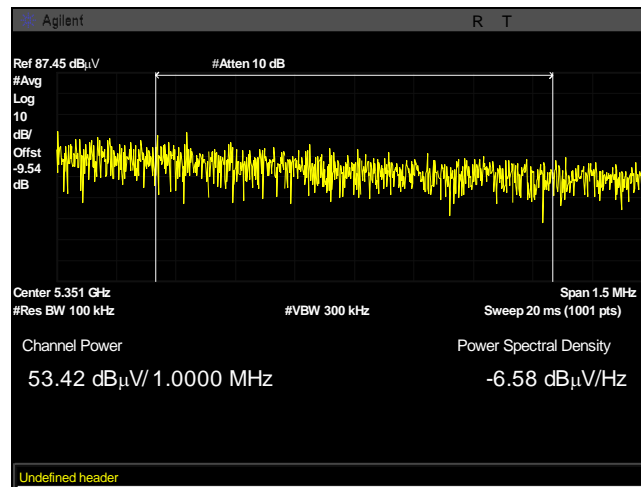
Plot 617. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 22dB, sector, 30M, 5335M, pwr integration



Plot 618. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 22dB, sector, 40M, 5330M, pwr integration



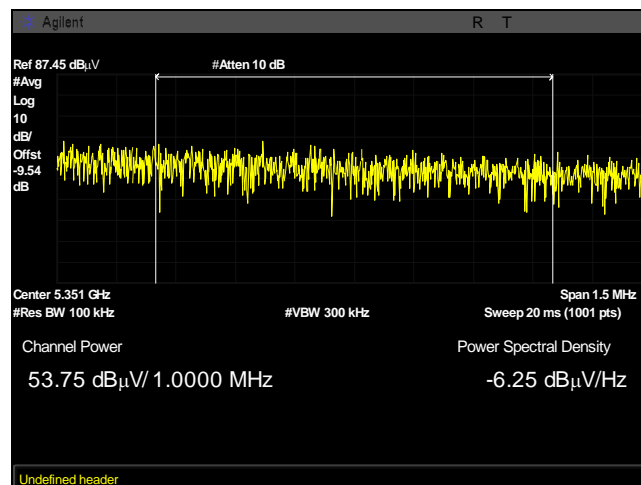
Plot 619. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 22dB, sector, 50M, 5325M, pwr integration



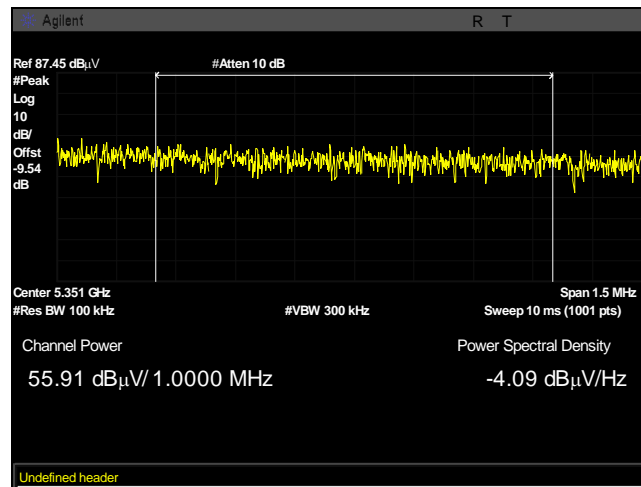
Plot 620. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 22dB, sector, 60M, 5320M, pwr integration



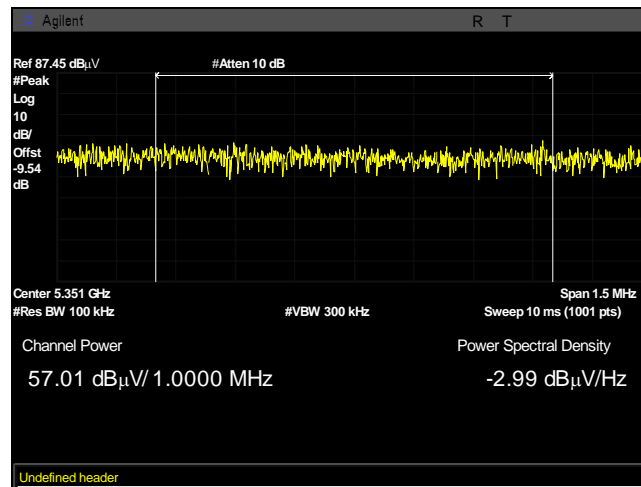
Plot 621. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 22dB, sector, 80M, 5310M, pwr integration



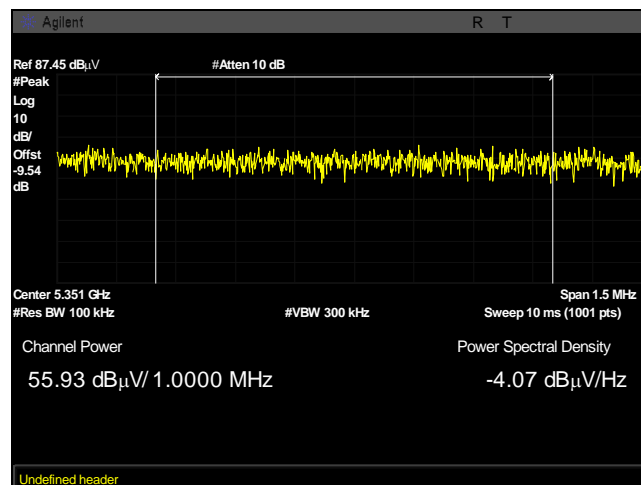
Plot 622. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 22dB, sector, 100M, 5300M, pwr integration



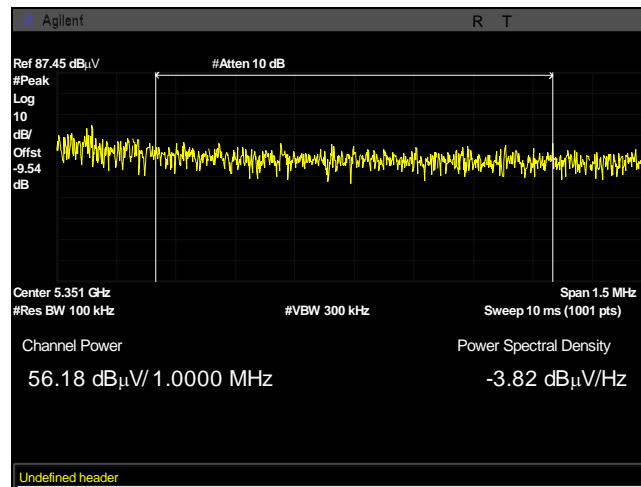
Plot 623. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 22dB, sector, 10M, 5345M, pwr integration



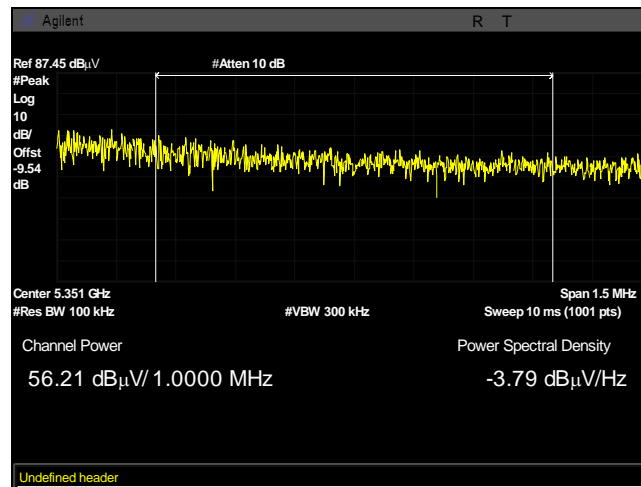
Plot 624. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 22dB, sector, 20M, 5340M, pwr integration



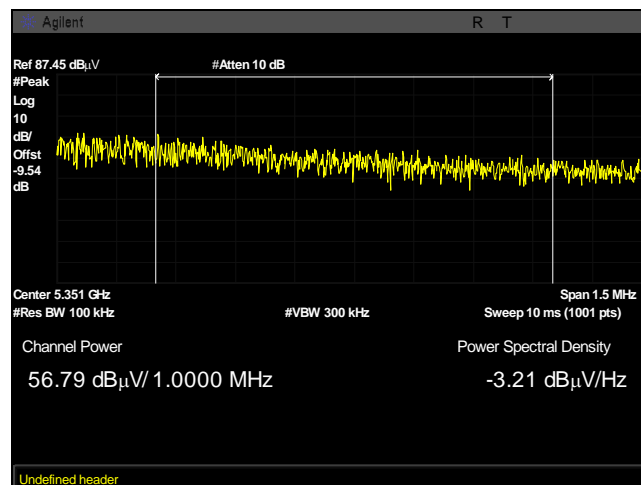
Plot 625. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 22dB, sector, 30M, 5335M, pwr integration



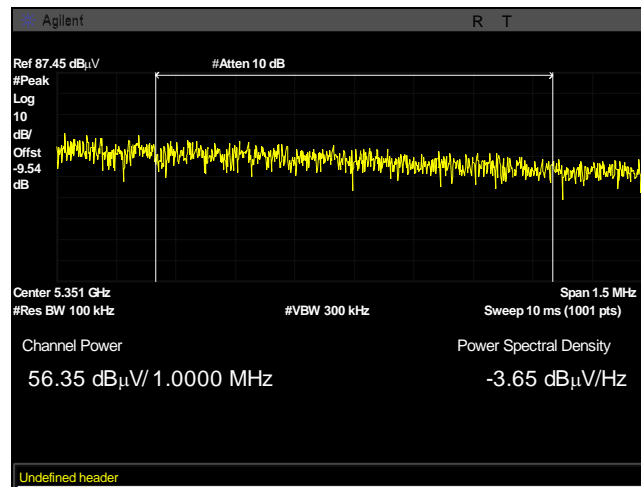
Plot 626. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 22dB, sector, 40M, 5330M, pwr integration



Plot 627. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 22dB, sector, 50M, 5325M, pwr integration



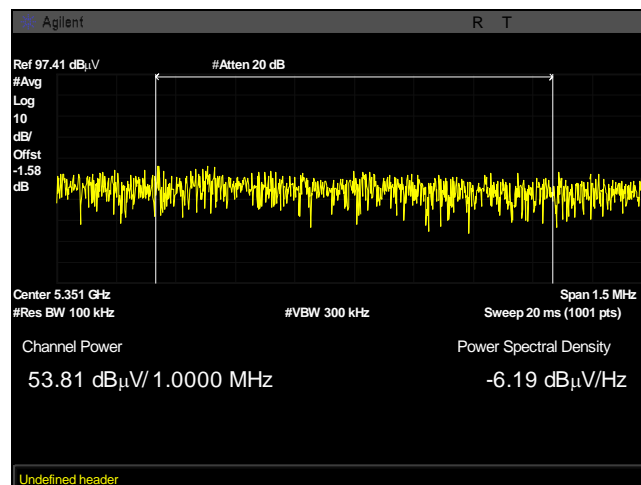
Plot 628. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 22dB, sector, 60M, 5320M, pwr integration



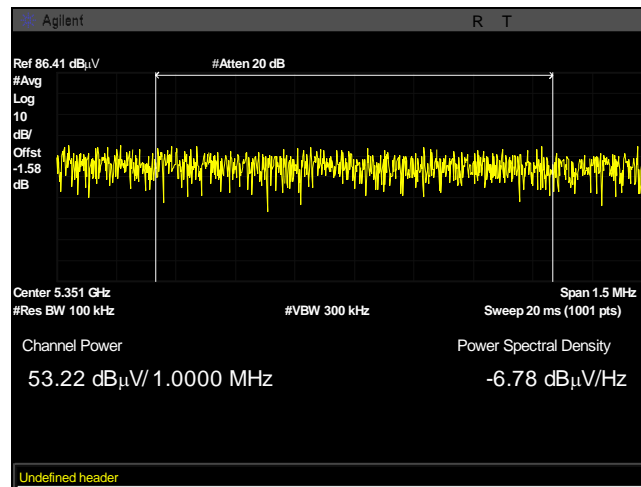
Plot 629. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 22dB, sector, 80M, 5310M, pwr integration



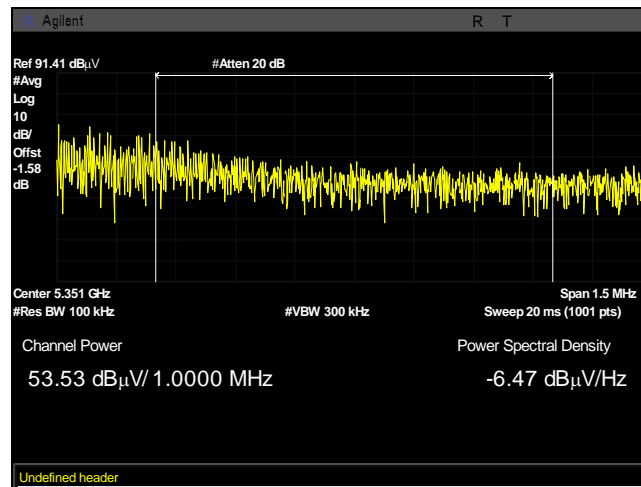
Plot 630. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 22dB, sector, 100M, 5300M, pwr integration



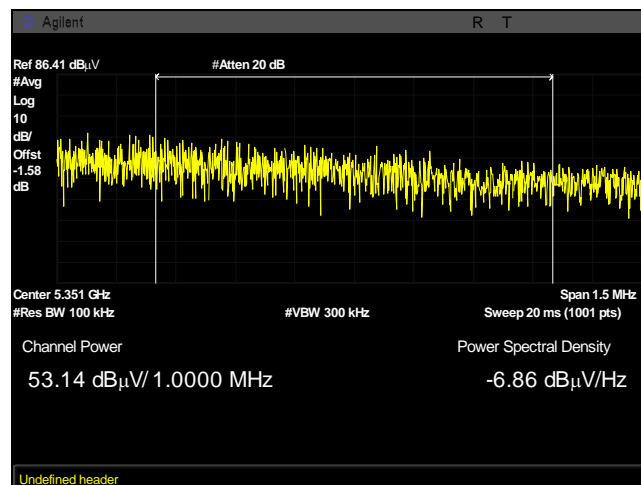
Plot 631. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 34dBi, 10M, 5345M, pwr integration



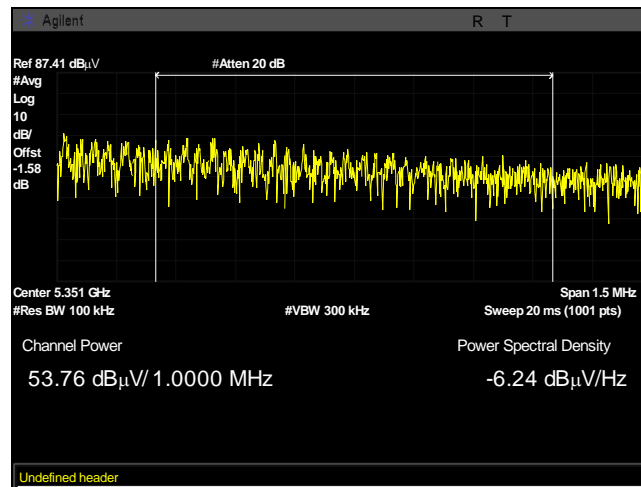
Plot 632. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 34dBi, 20M, 5340M, pwr integration



Plot 633. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 34dBi, 30M, 5335M, pwr integration



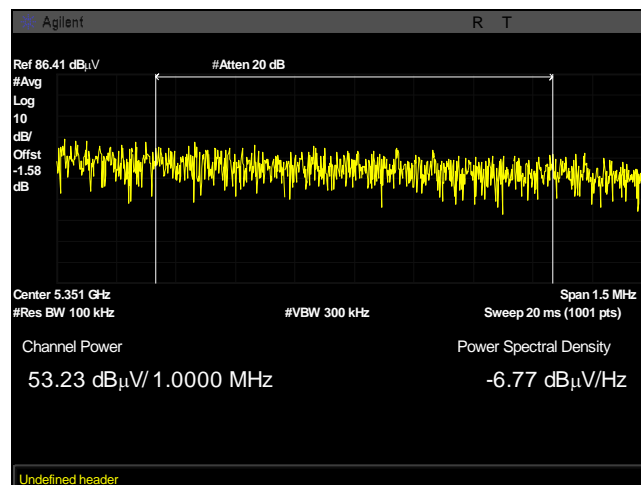
Plot 634. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 34dBi, 40M, 5330M, pwr integration



Plot 635. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 34dBi, 50M, 5325M, pwr integration

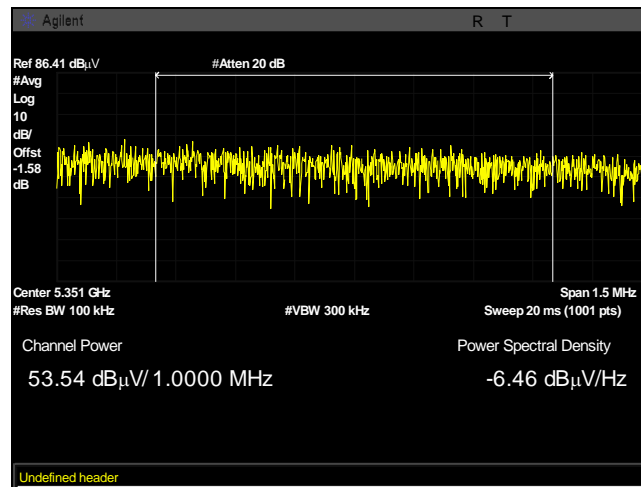


Plot 636. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 34dBi, 60M, 5320M, pwr integration

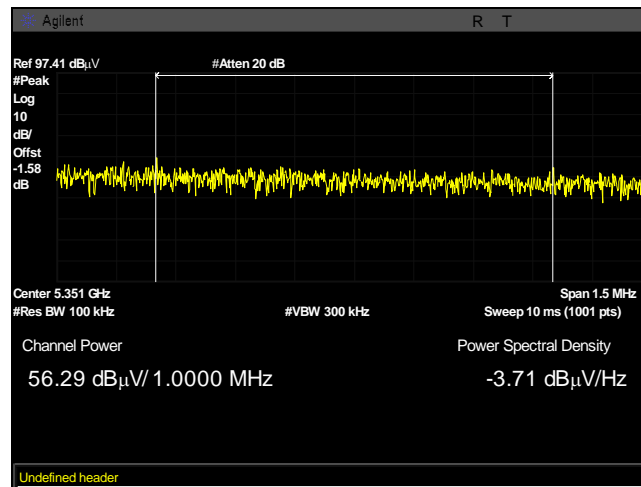


Plot 637. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 34dBi, 80M, 5310M, pwr integration

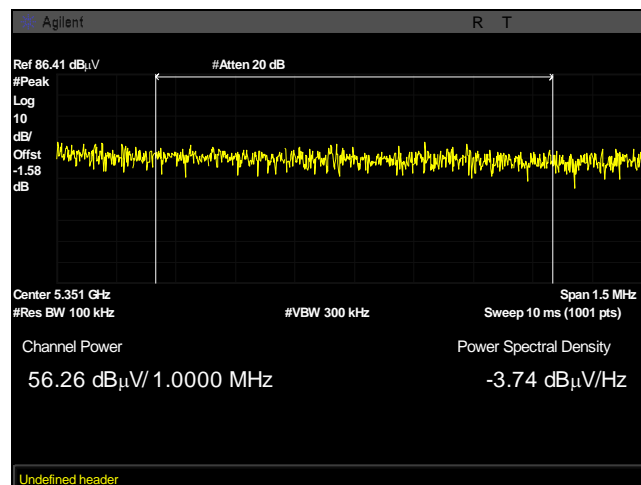




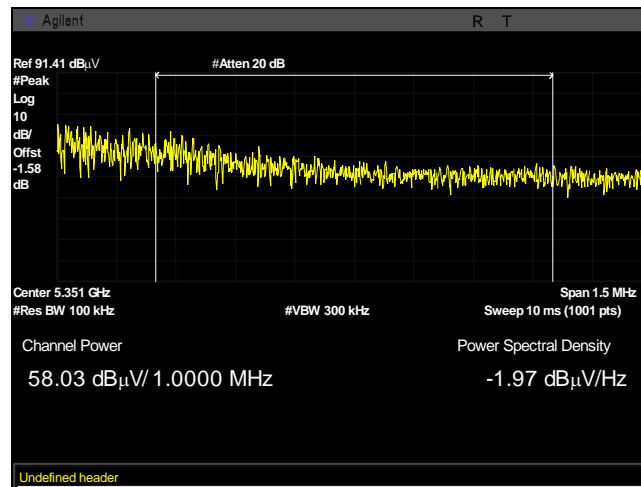
Plot 638. Undesirable Emissions, UNII 2A, AVG, bandedge 5350, 34dBi, 100M, 5300M, pwr integration



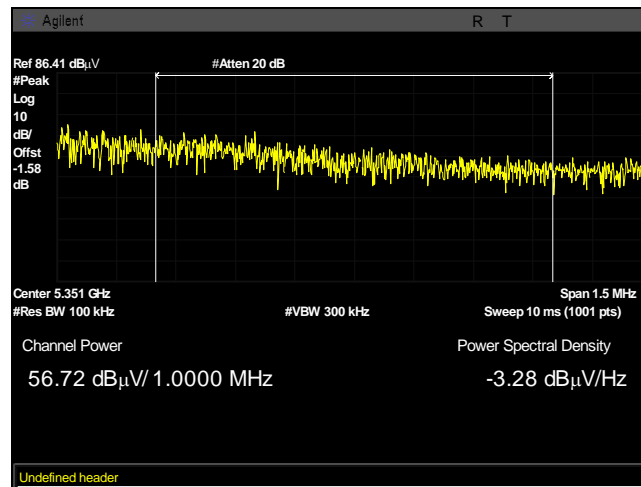
Plot 639. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 34dBi, 10M, 5345M, pwr integration



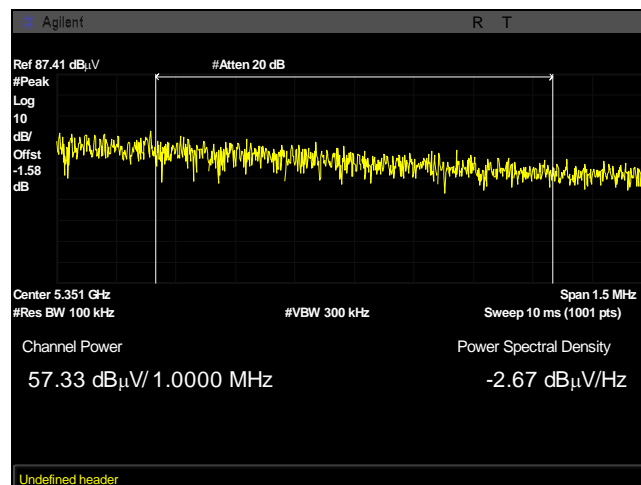
Plot 640. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 34dBi, 20M, 5340M, pwr integration



Plot 641. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 34dBi, 30M, 5335M, pwr integration



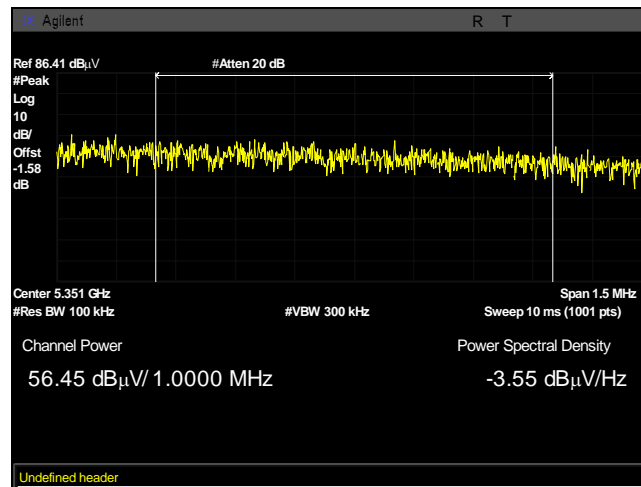
Plot 642. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 34dBi, 40M, 5330M, pwr integration



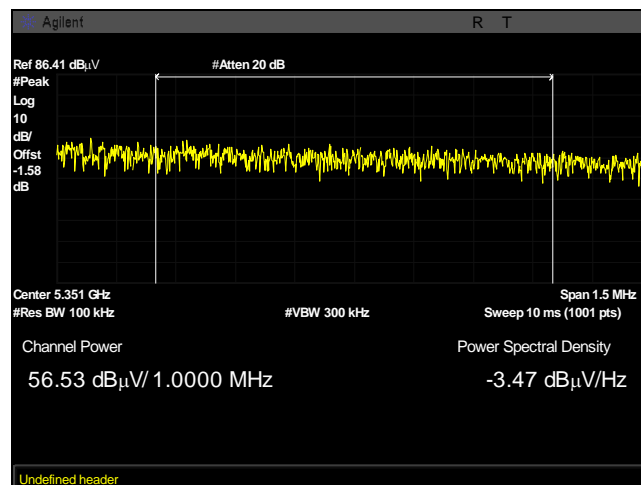
Plot 643. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 34dBi, 50M, 5325M, pwr integration



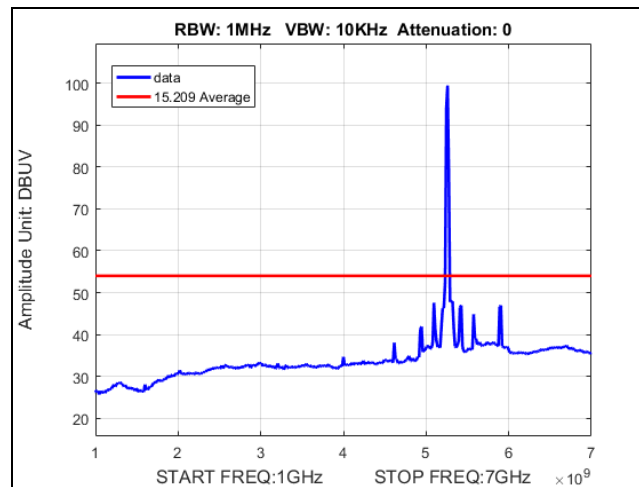
Plot 644. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 34dBi, 60M, 5320M, pwr integration



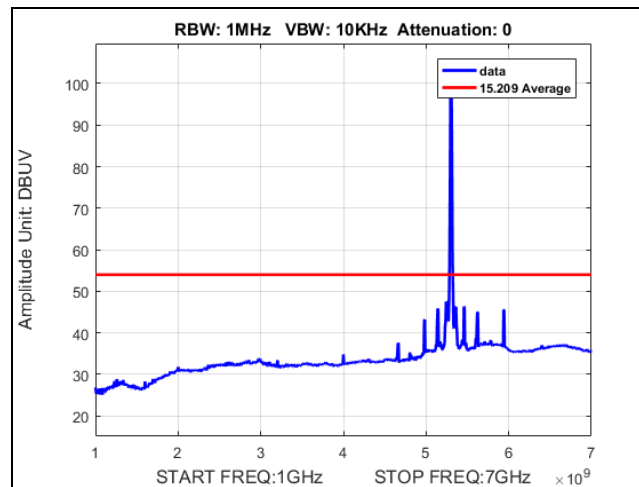
Plot 645. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 34dBi, 80M, 5310M, pwr integration



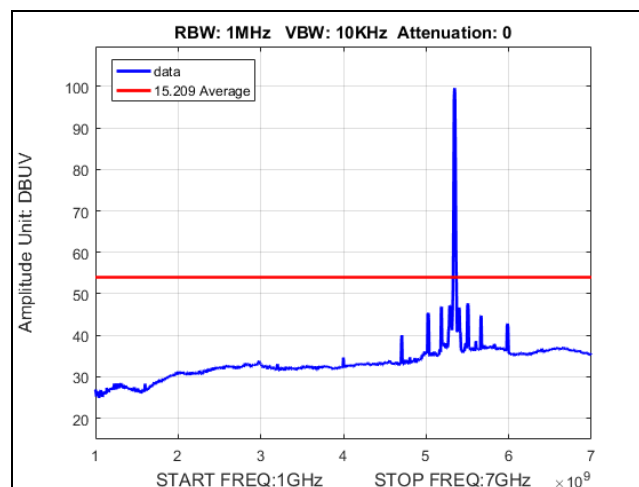
Plot 646. Undesirable Emissions, UNII 2A, PK, bandedge 5350, 34dBi, 100M, 5300M, pwr integration



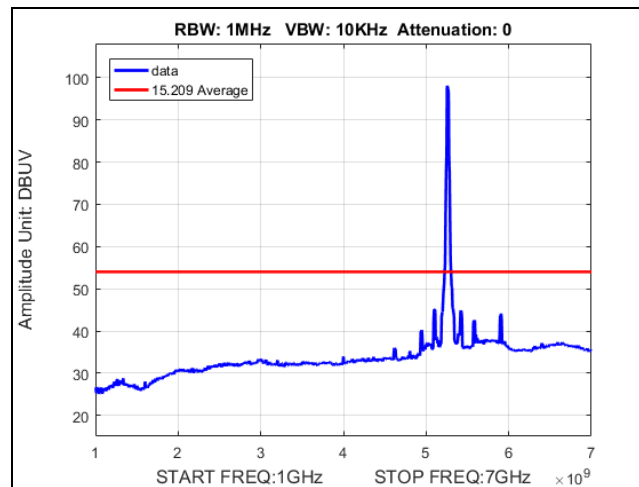
**Plot 647. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 10M, 5255M**



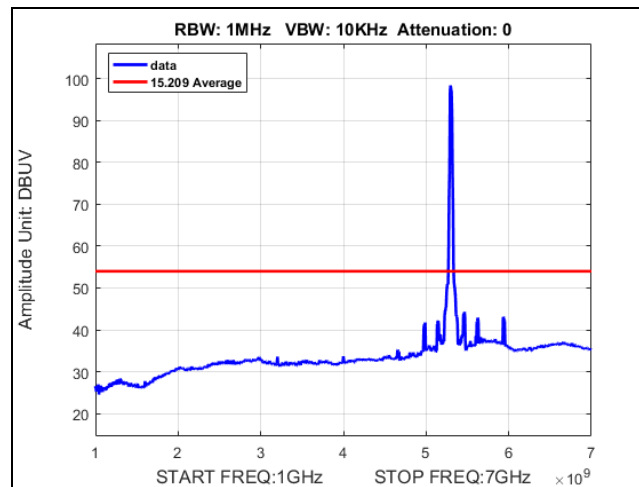
**Plot 648. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 10M, 5300M**



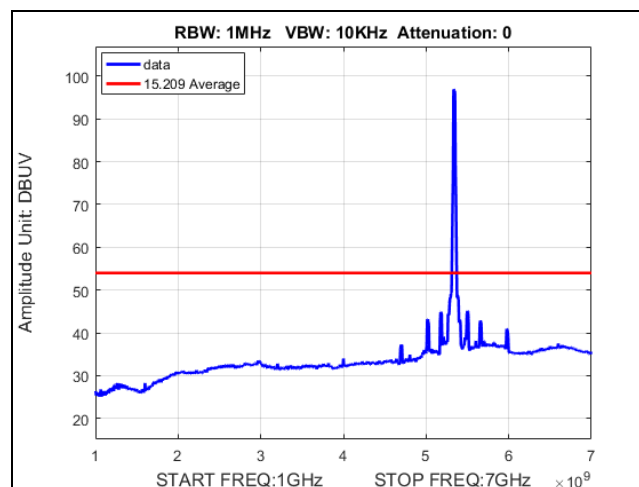
**Plot 649. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 10M, 5345M**



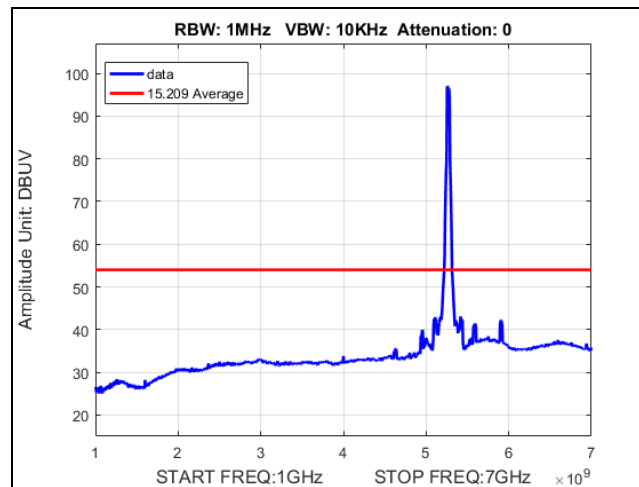
**Plot 650. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 20M, 5260M**



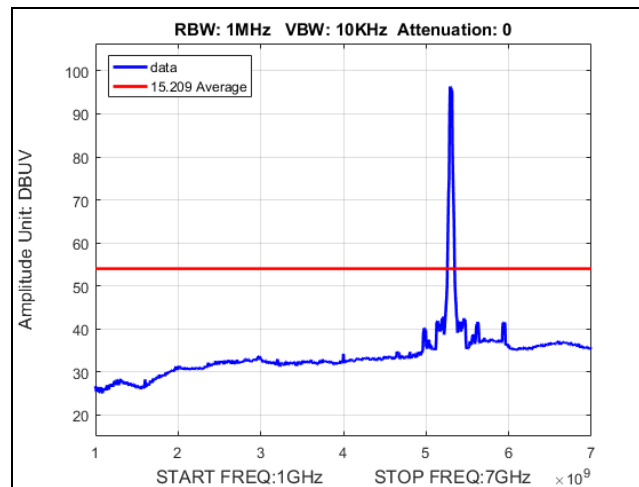
**Plot 651. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 20M, 5300M**



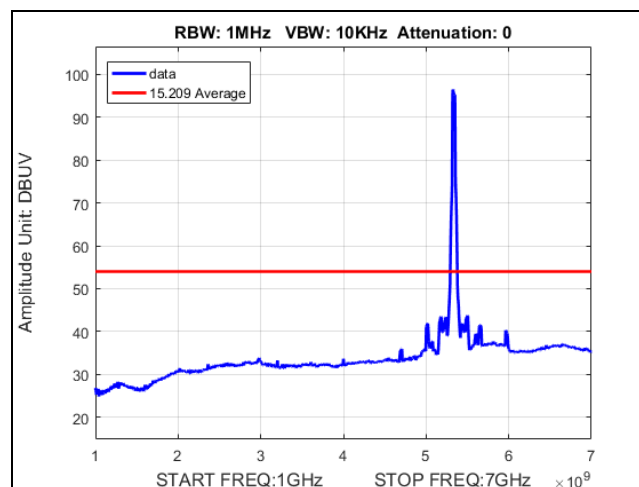
**Plot 652. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 20M, 5340M**



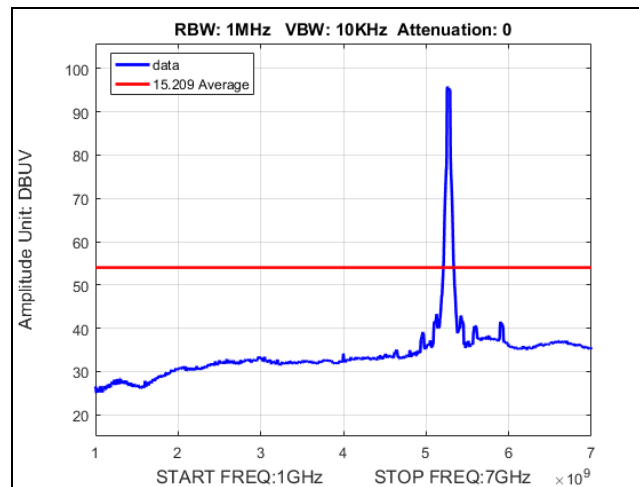
**Plot 653. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 30M, 5265M**



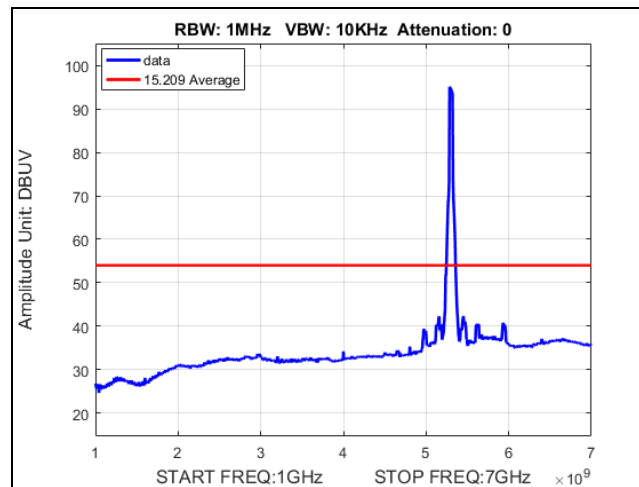
**Plot 654. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 30M, 5300M**



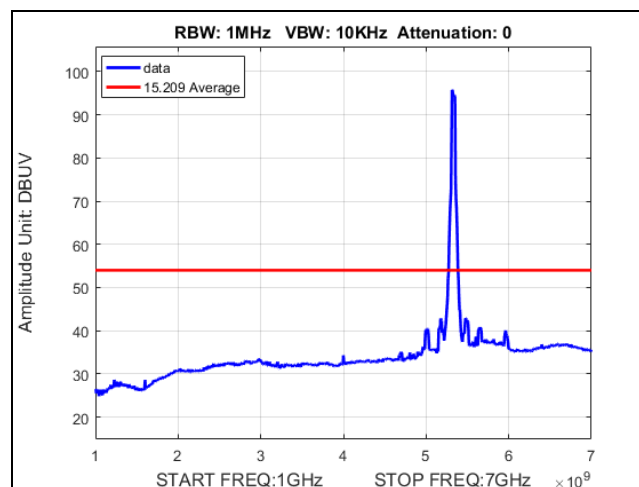
**Plot 655. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 30M, 5335M**



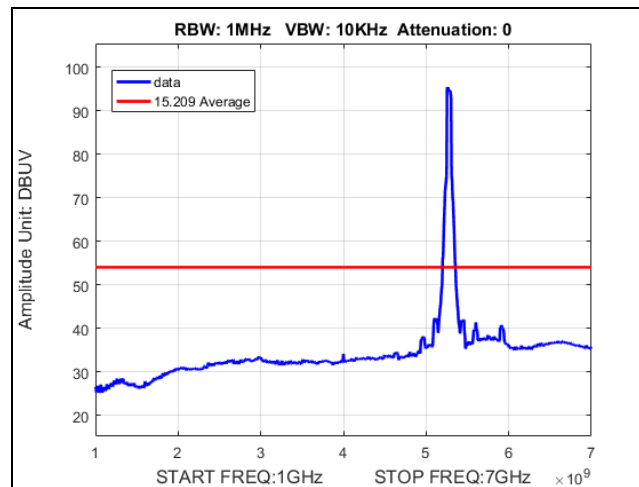
**Plot 656. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 40M, 5270M**



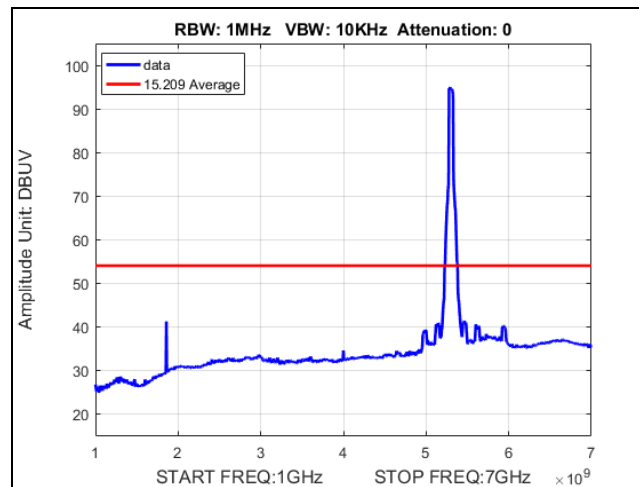
**Plot 657. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 40M, 5300M**



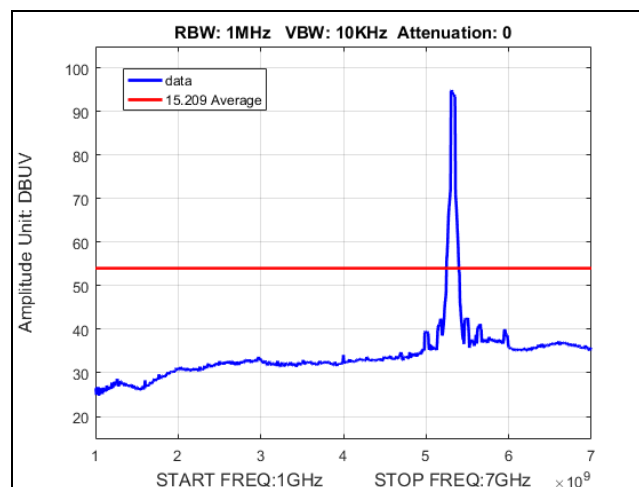
**Plot 658. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 40M, 5330M**



**Plot 659. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 50M, 5275M**

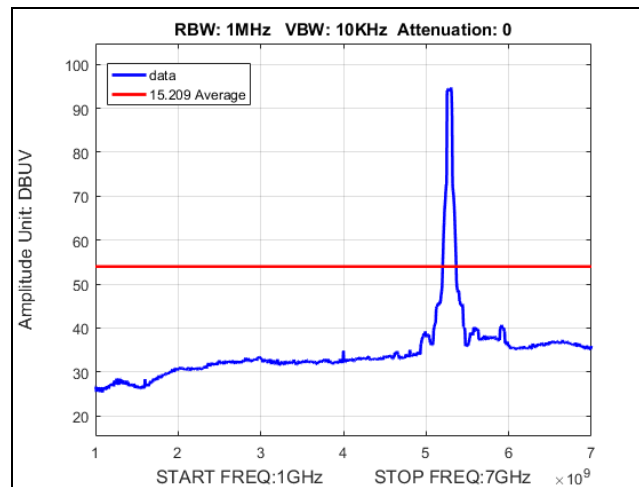


**Plot 660. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 50M, 5300M**

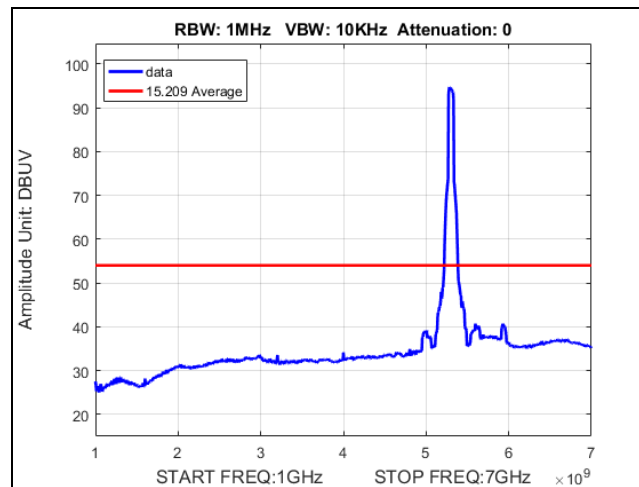


**Plot 661. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 50M, 5325M**

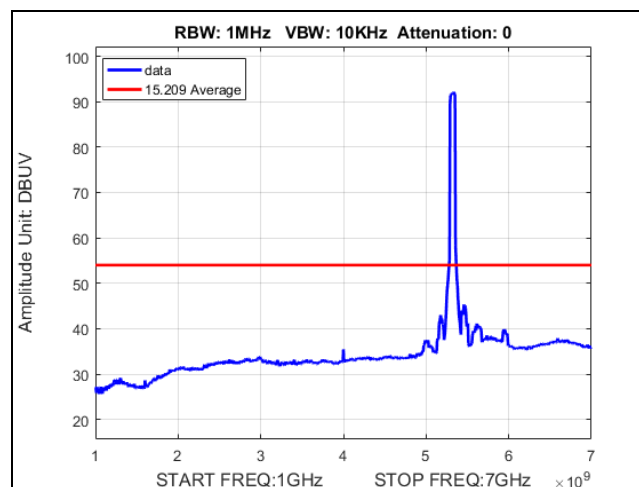




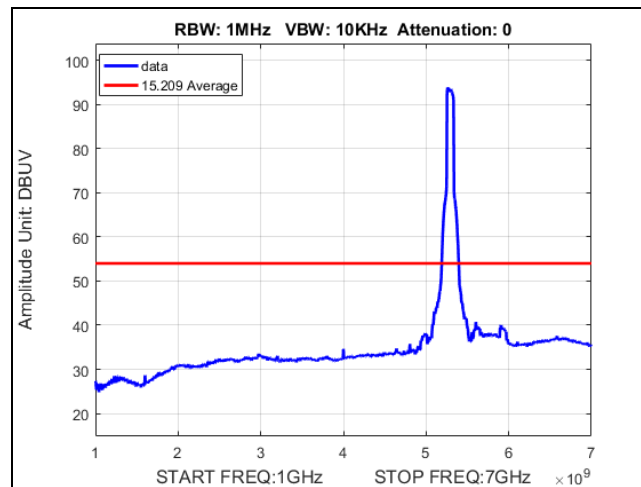
**Plot 662. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 60M, 5280M**



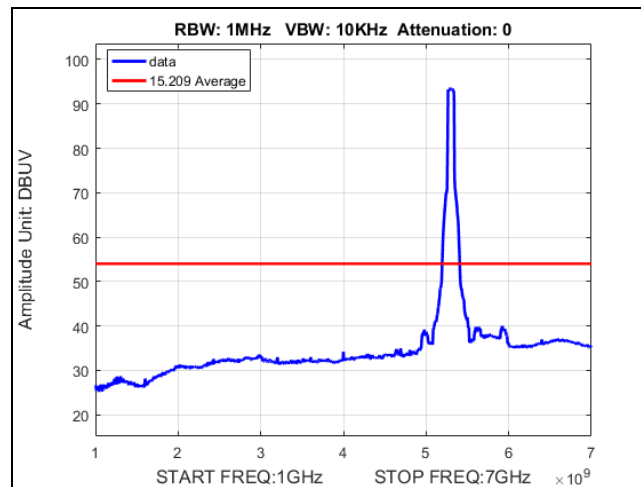
**Plot 663. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 60M, 5300M**



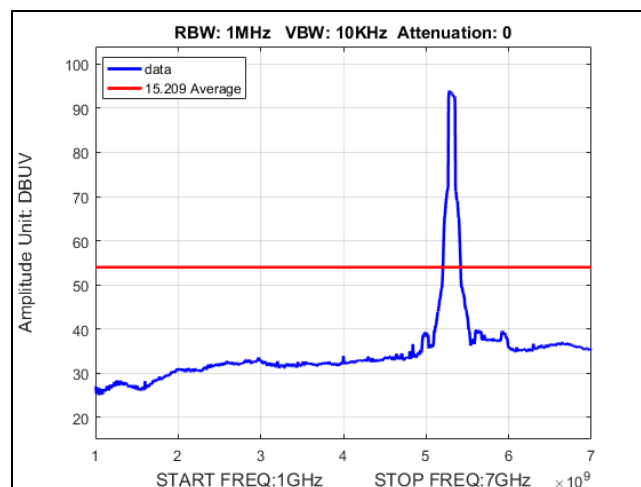
**Plot 664. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 60M, 5320M**



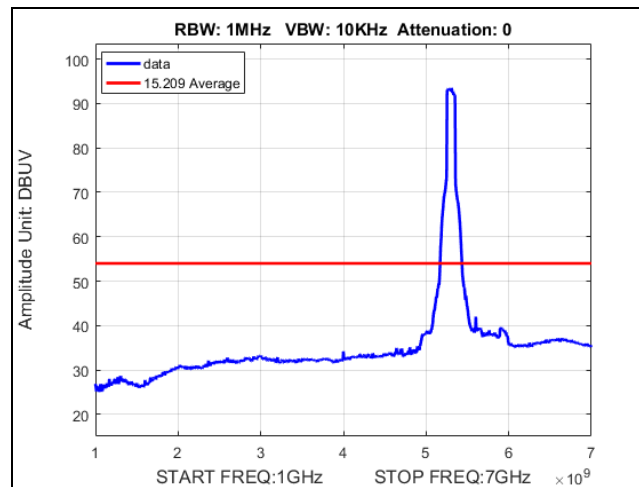
**Plot 665. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 80M, 5290M**



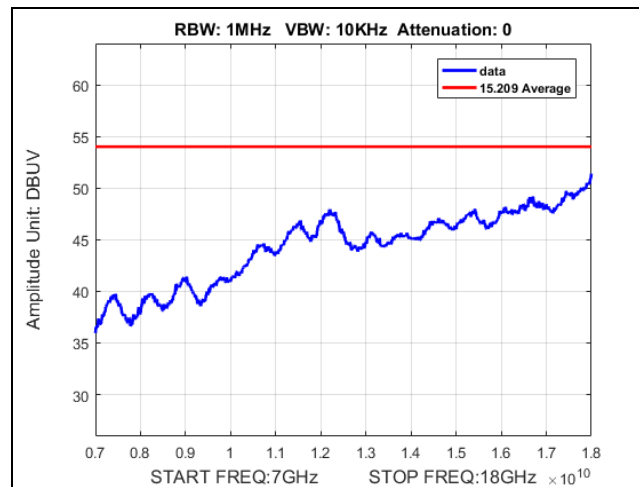
**Plot 666. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 80M, 5300M**



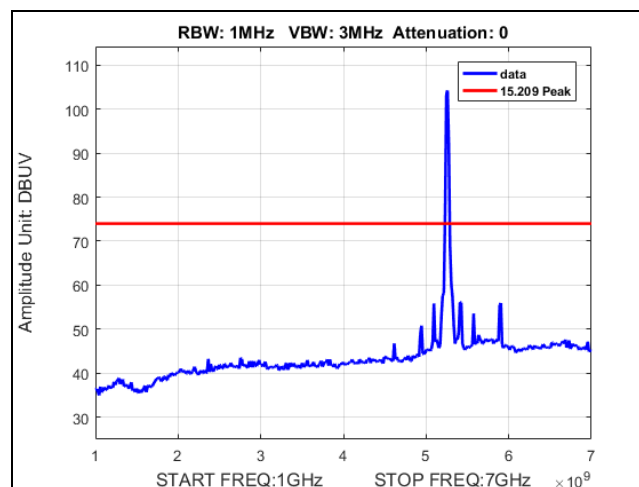
**Plot 667. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 80M, 5310M**



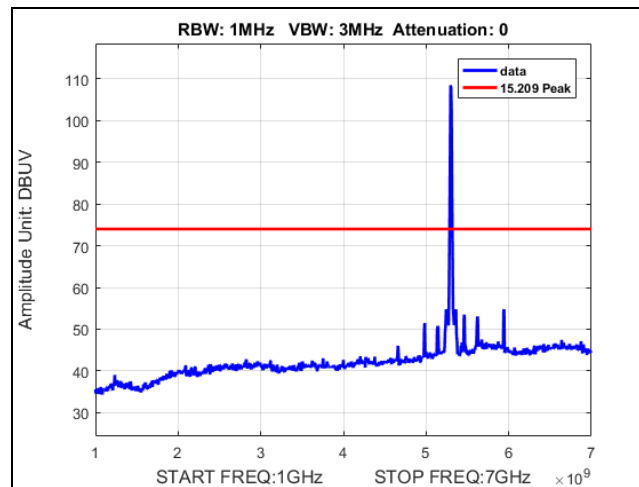
**Plot 668. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, 100M, 5300M**



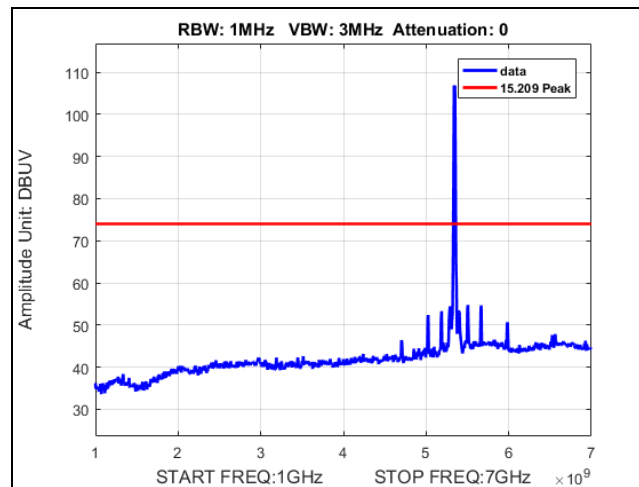
**Plot 669. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 13dBi, worst case, 7-18GHz**



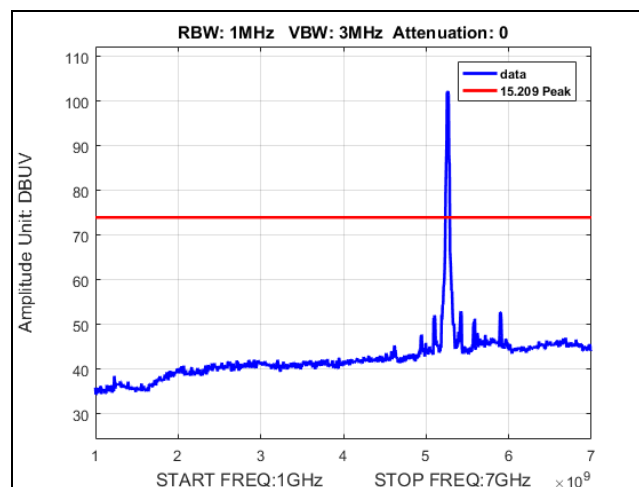
**Plot 670. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 10M, 5255M**



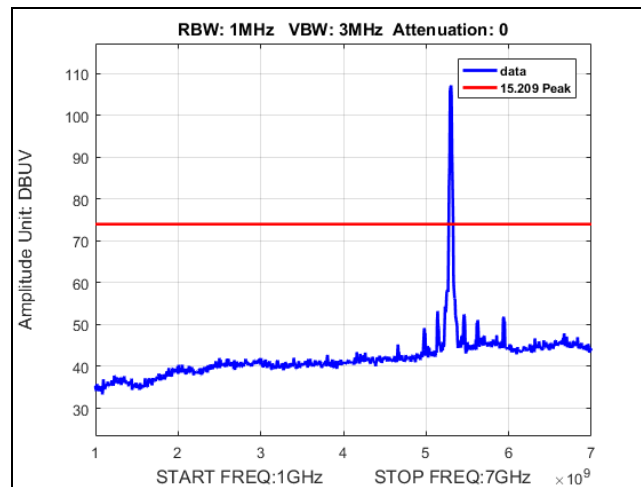
Plot 671. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 10M, 5300M



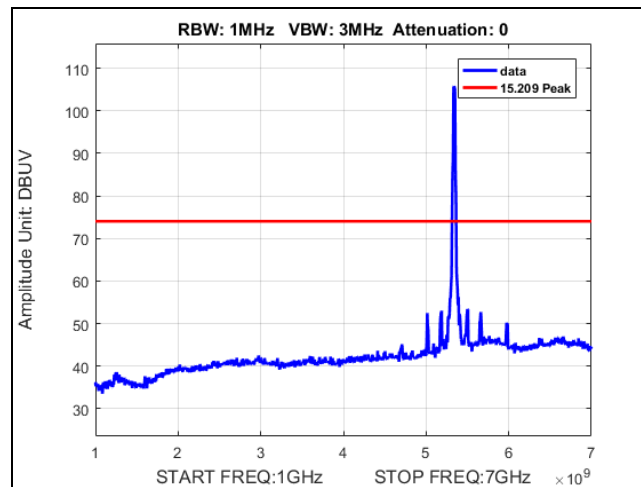
Plot 672. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 10M, 5345M



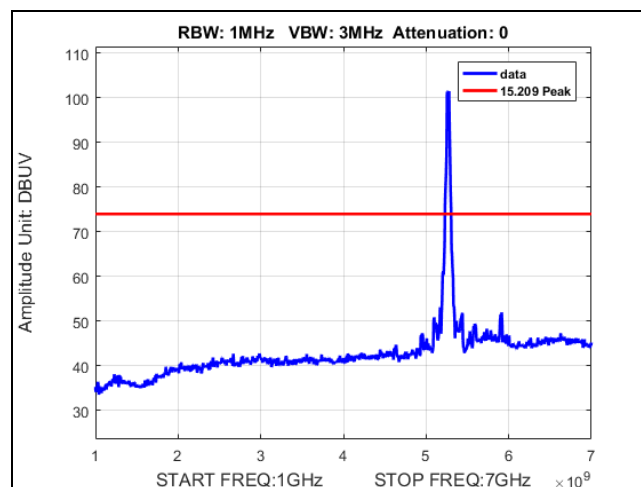
Plot 673. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 20M, 5260M



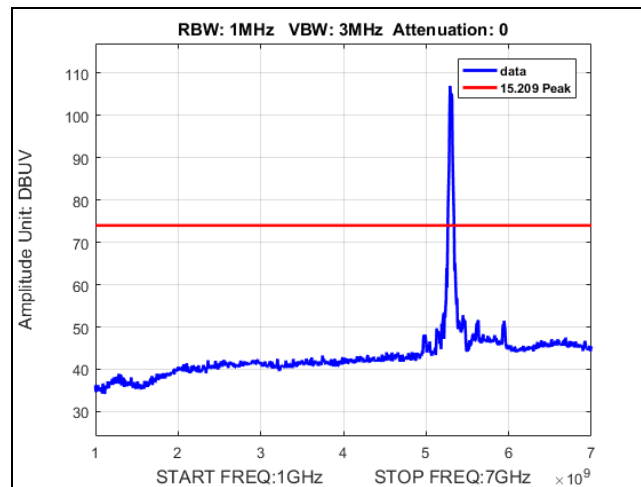
Plot 674. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 20M, 5300M



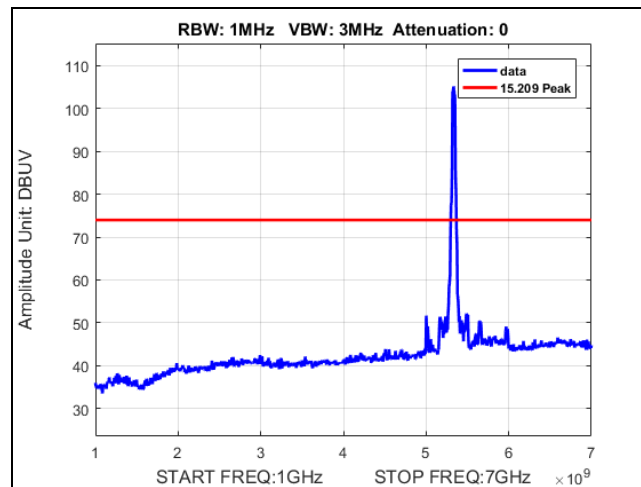
Plot 675. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 20M, 5340M



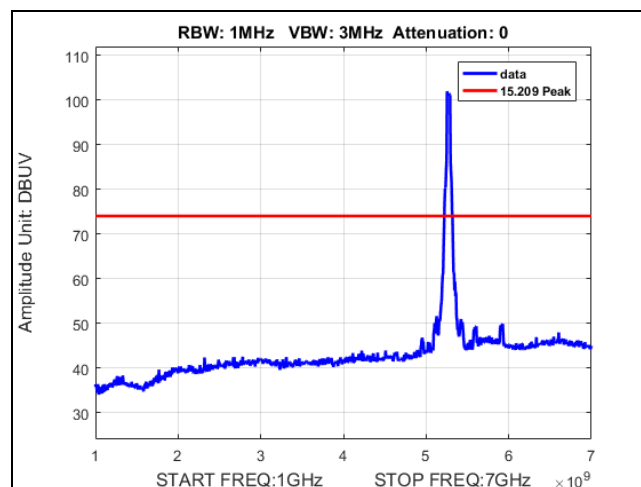
Plot 676. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 30M, 5265M



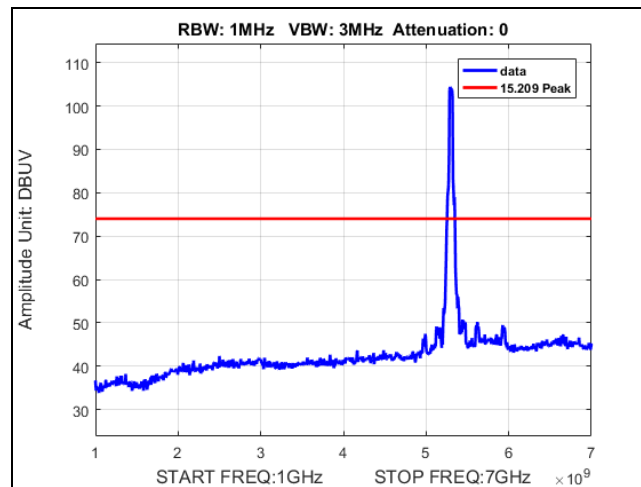
Plot 677. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 30M, 5300M



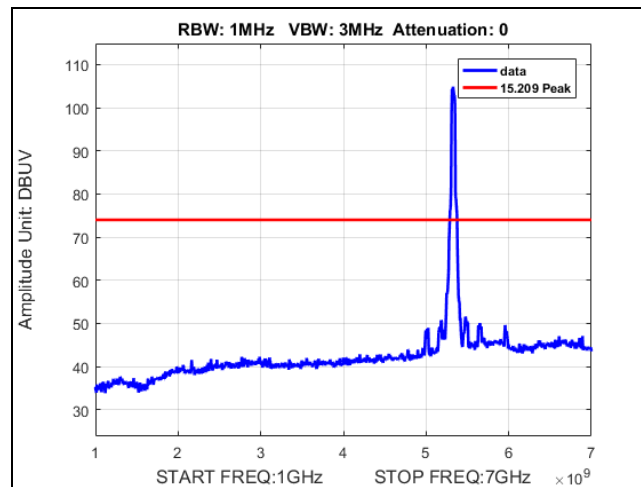
Plot 678. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 30M, 5335M



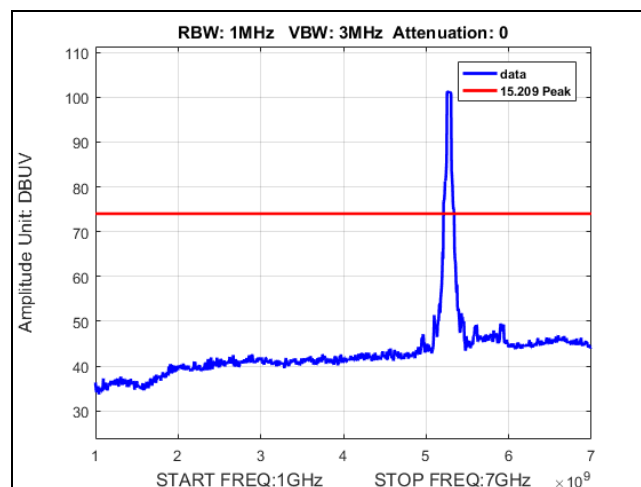
Plot 679. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 40M, 5270M



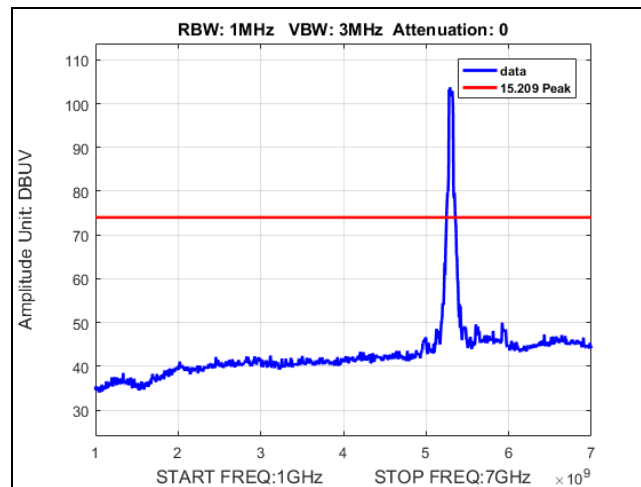
Plot 680. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 40M, 5300M



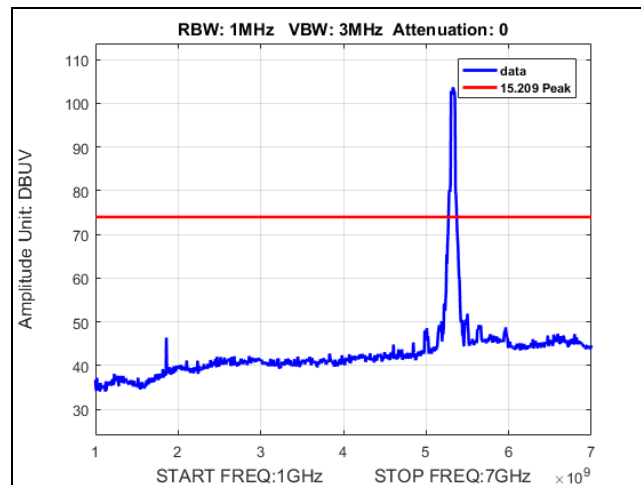
Plot 681. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 40M, 5330M



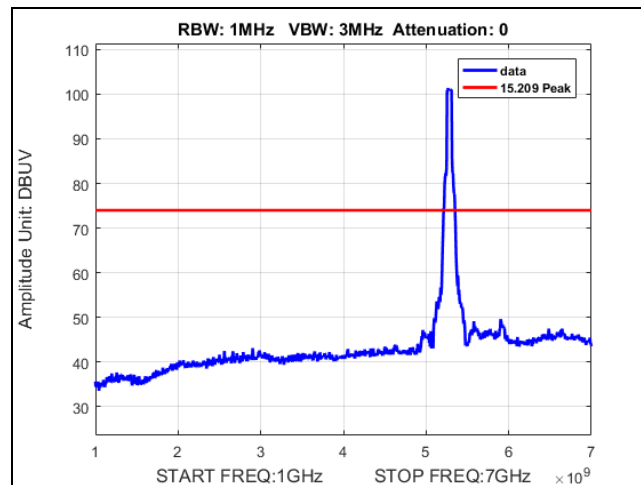
Plot 682. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 50M, 5275M



Plot 683. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 50M, 5300M

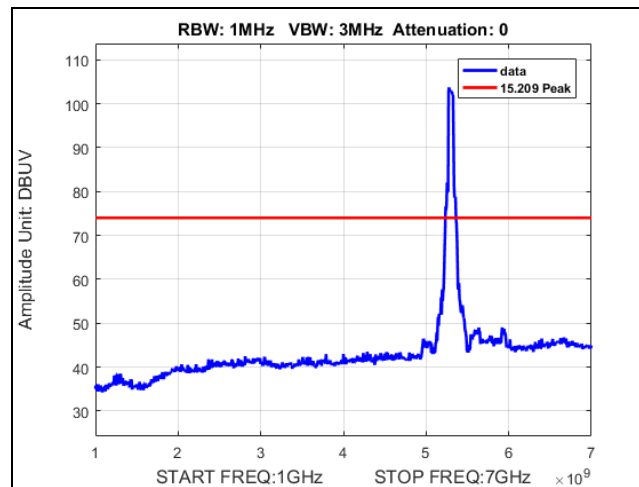


Plot 684. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 50M, 5325M

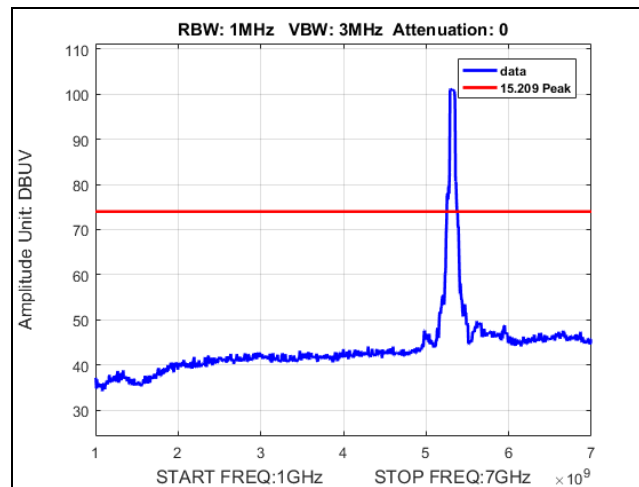


Plot 685. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 60M, 5280M

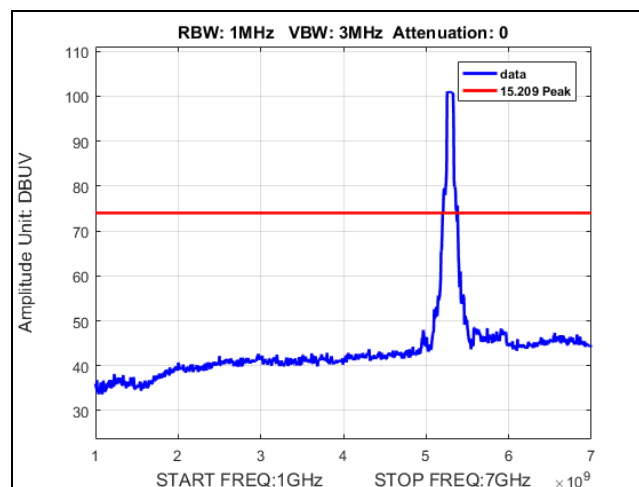




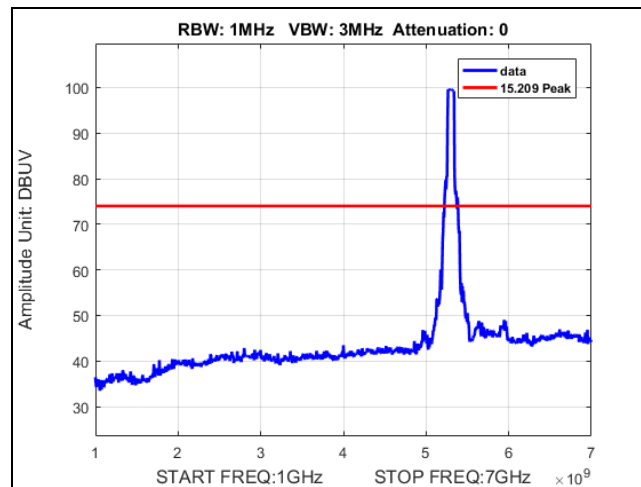
Plot 686. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 60M, 5300M



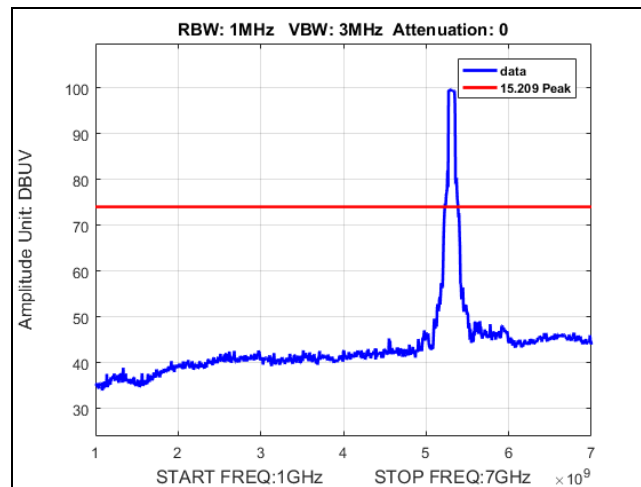
Plot 687. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 60M, 5320M



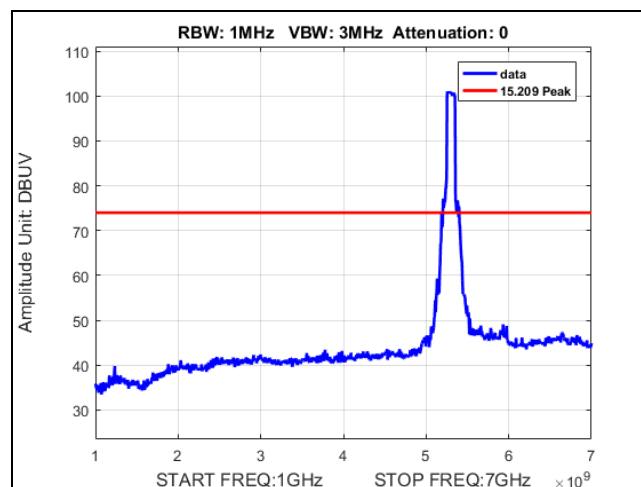
Plot 688. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 80M, 5290M



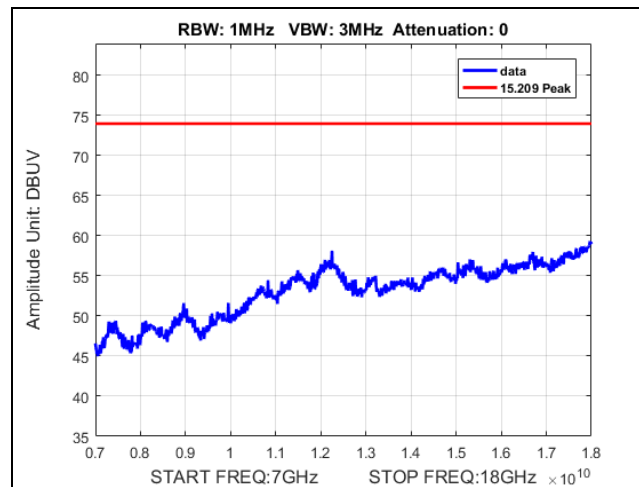
**Plot 689. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 80M, 5300M**



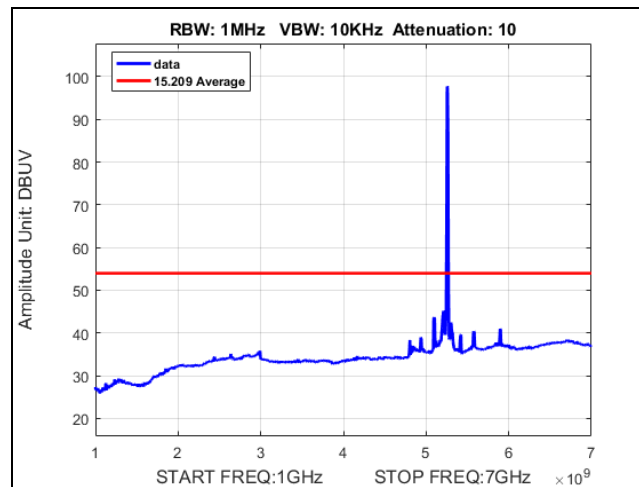
**Plot 690. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 80M, 5310M**



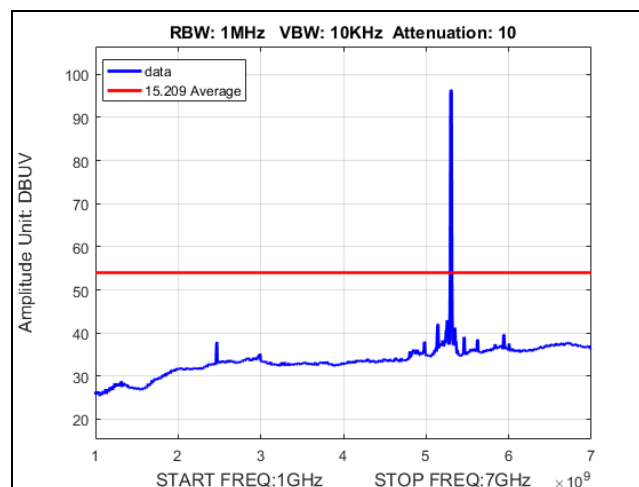
**Plot 691. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, 100M, 5300M**



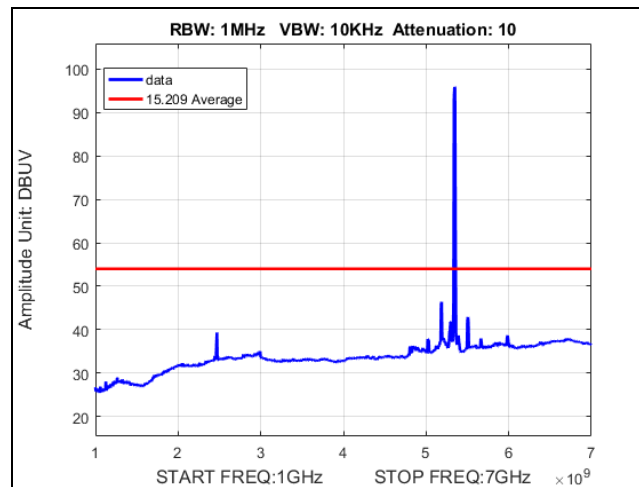
**Plot 692. Undesirable Emissions, UNII 2A, PK, radiated spurious, 13dBi, worst case, 7-18GHz**



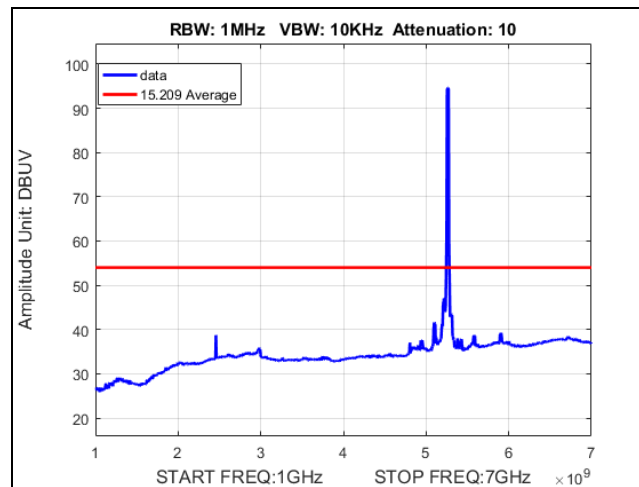
**Plot 693. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 10M, 5255M, 1-7GHz**



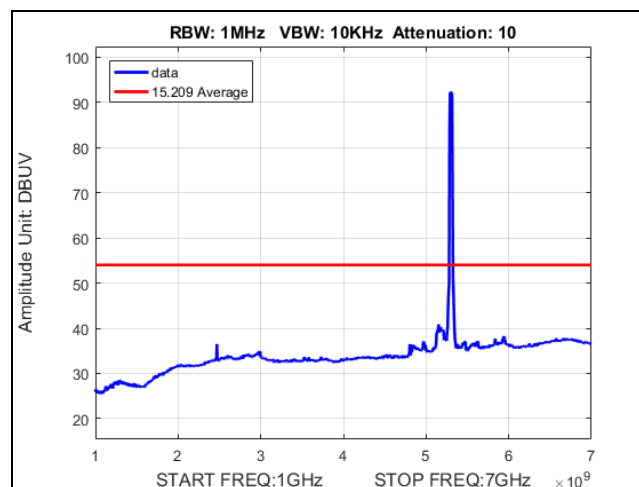
**Plot 694. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 10M, 5300M, 1-7GHz**



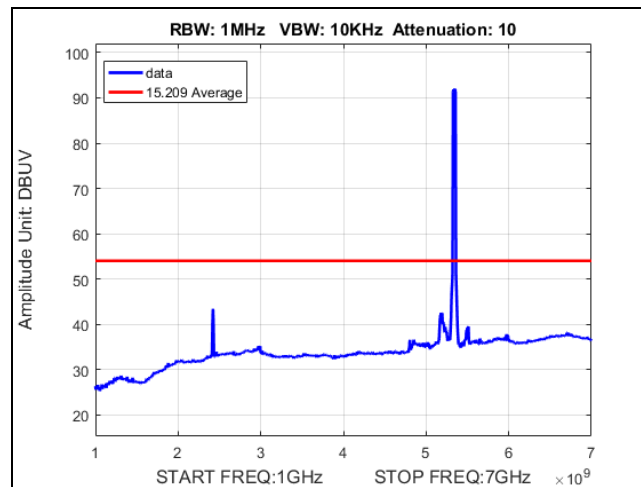
**Plot 695. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 10M, 5345M, 1-7GHz**



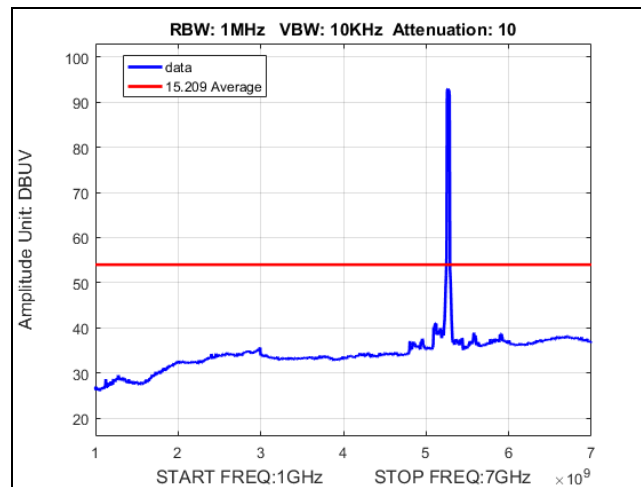
**Plot 696. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 20M, 5260M, 1-7GHz**



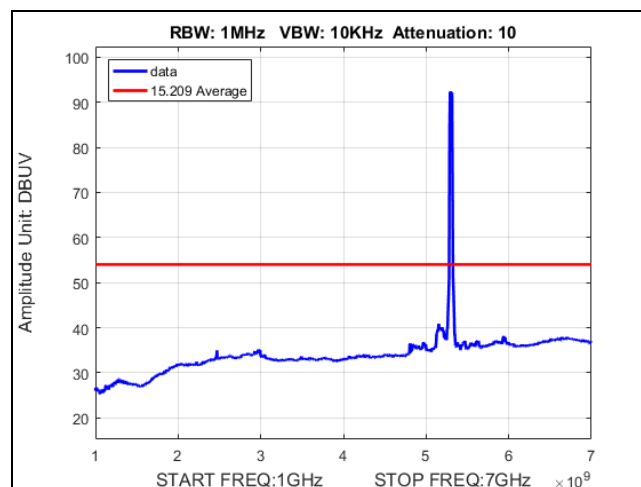
**Plot 697. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 20M, 5300M, 1-7GHz**



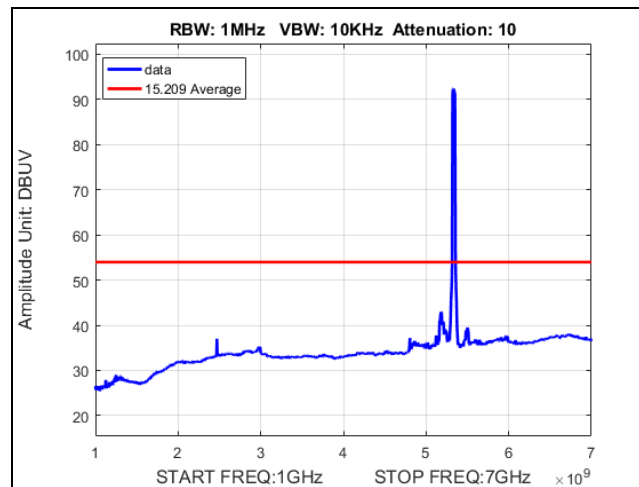
**Plot 698. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 20M, 5340M, 1-7GHz**



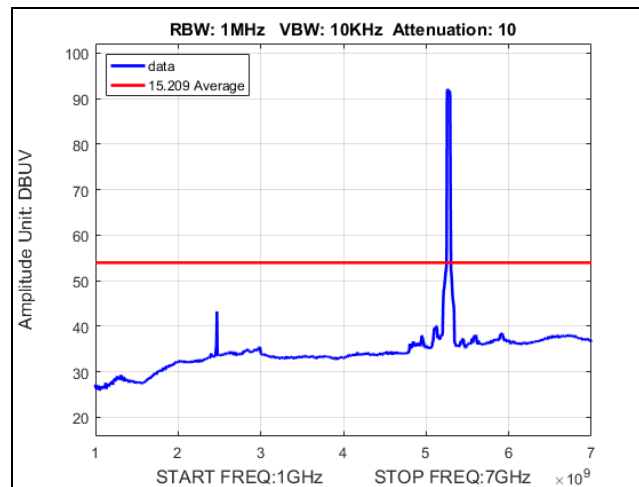
**Plot 699. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 30M, 5265M, 1-7GHz**



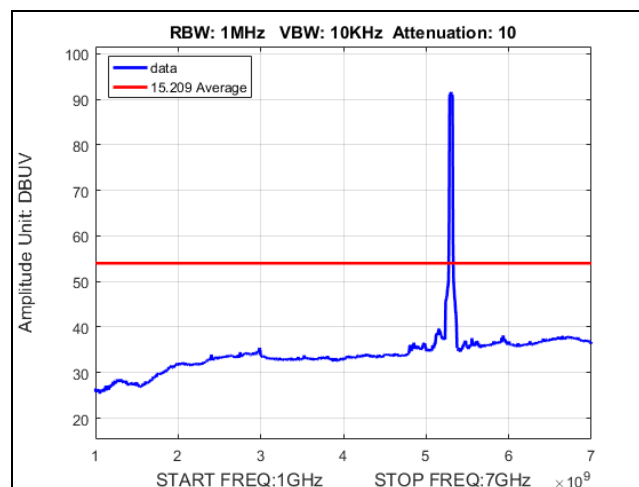
**Plot 700. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 30M, 5300M, 1-7GHz**



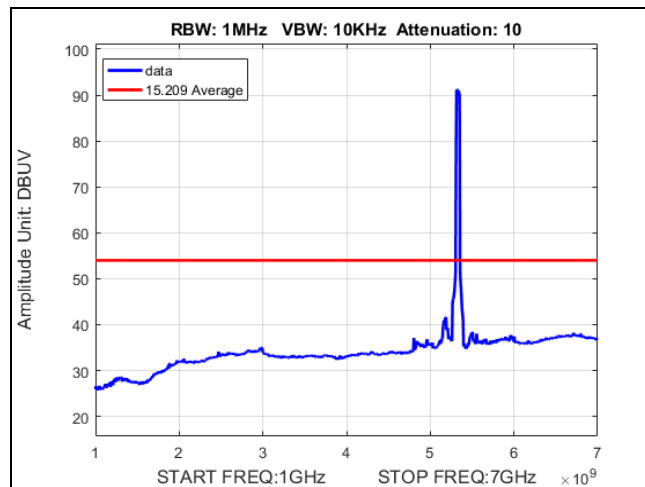
**Plot 701. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 30M, 5335M, 1-7GHz**



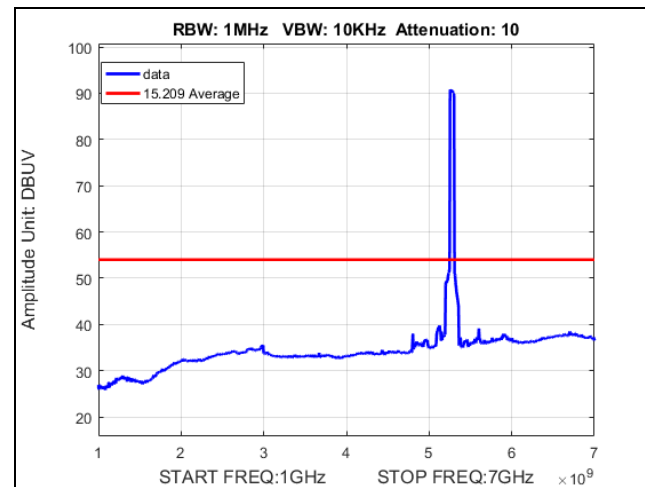
**Plot 702. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 40M, 5270M, 1-7GHz**



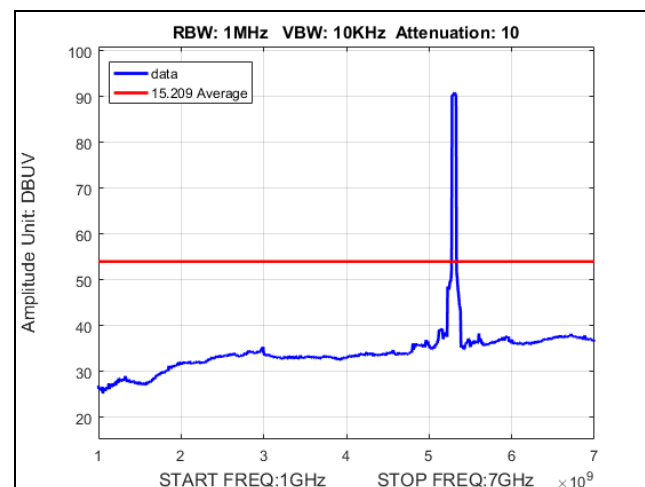
**Plot 703. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 40M, 5300M, 1-7GHz**



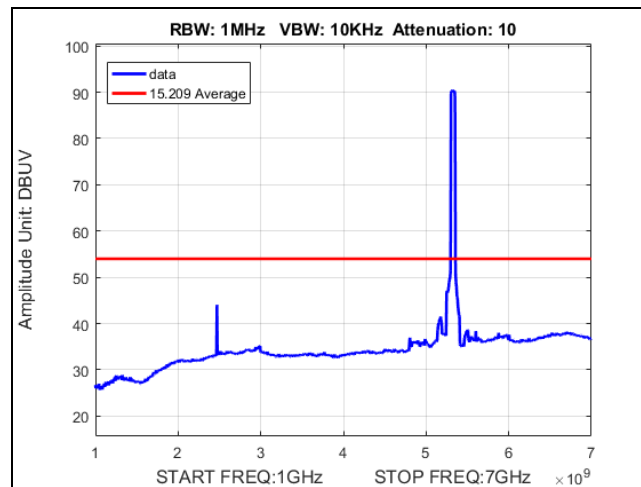
**Plot 704. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 40M, 5330M, 1-7GHz**



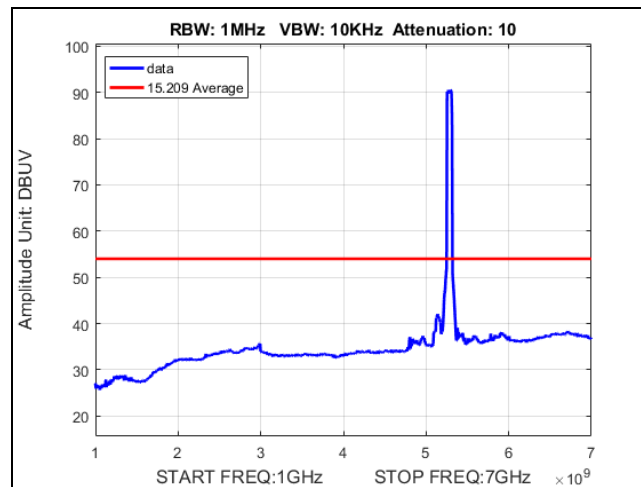
**Plot 705. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 50M, 5275M, 1-7GHz**



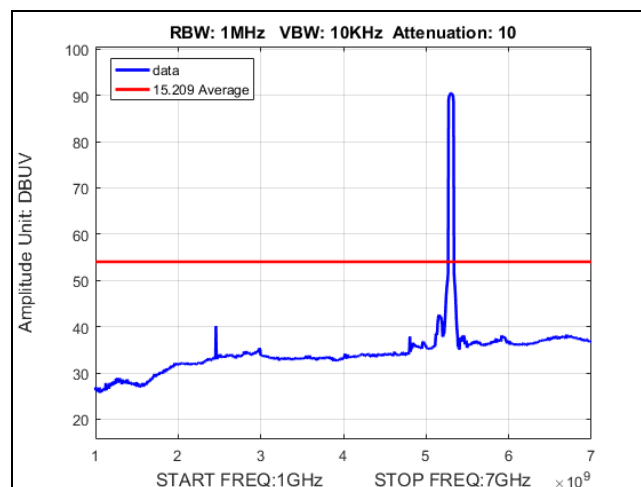
**Plot 706. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 50M, 5300M, 1-7GHz**



**Plot 707. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 50M, 5325M, 1-7GHz**

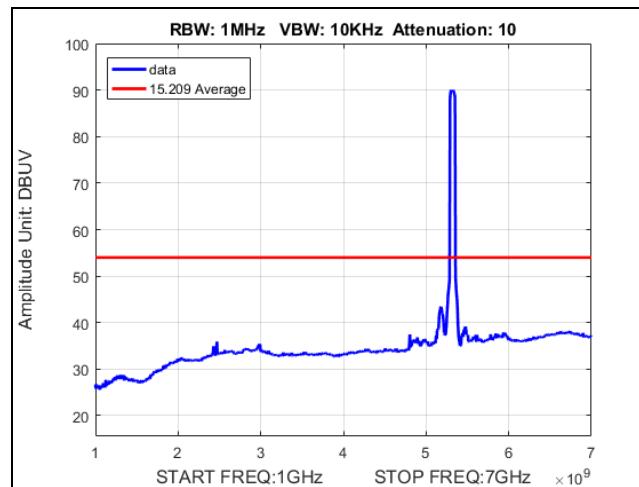


**Plot 708. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 60M, 5280M, 1-7GHz**

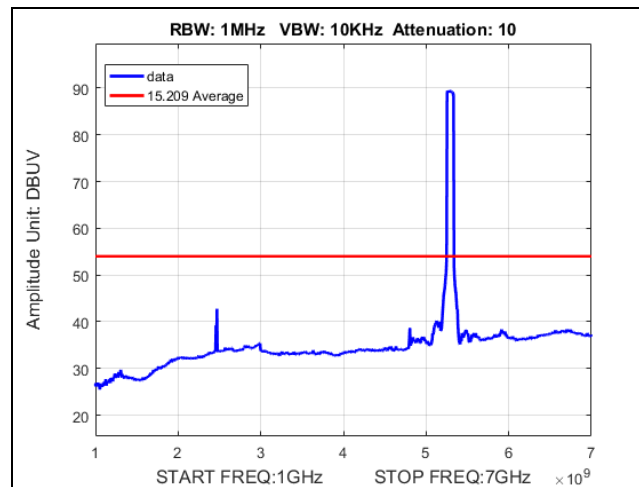


**Plot 709. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 60M, 5300M, 1-7GHz**

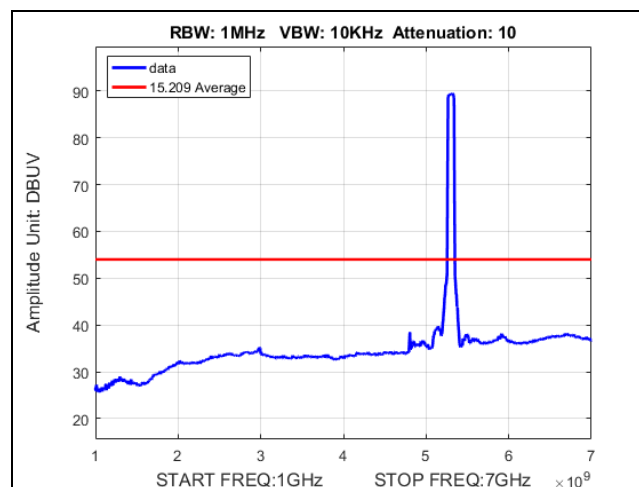




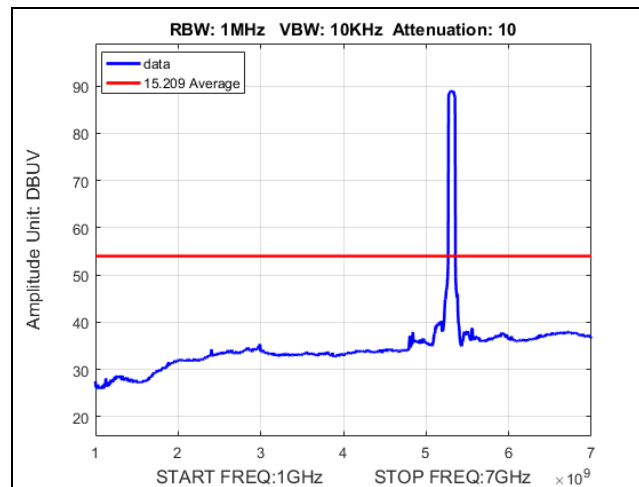
**Plot 710. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 60M, 5320M, 1-7GHz**



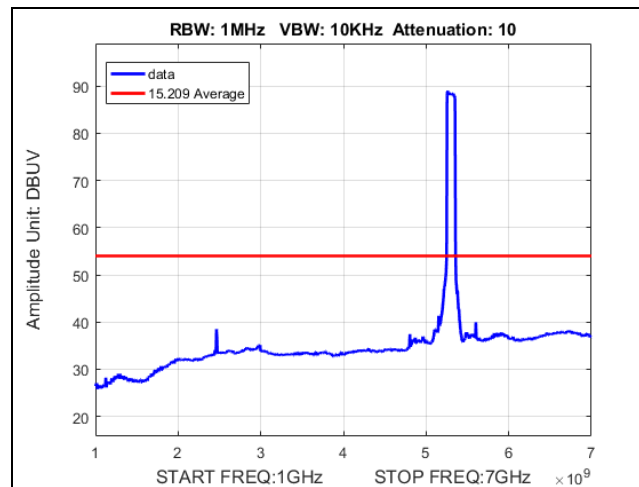
**Plot 711. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 80M, 5290M, 1-7GHz**



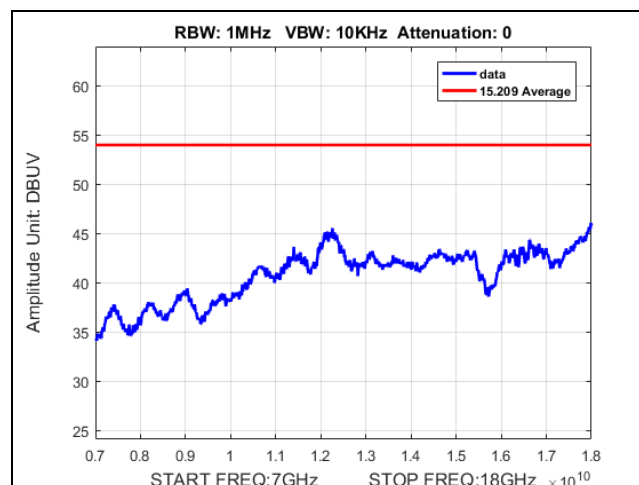
**Plot 712. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 80M, 5300M, 1-7GHz**



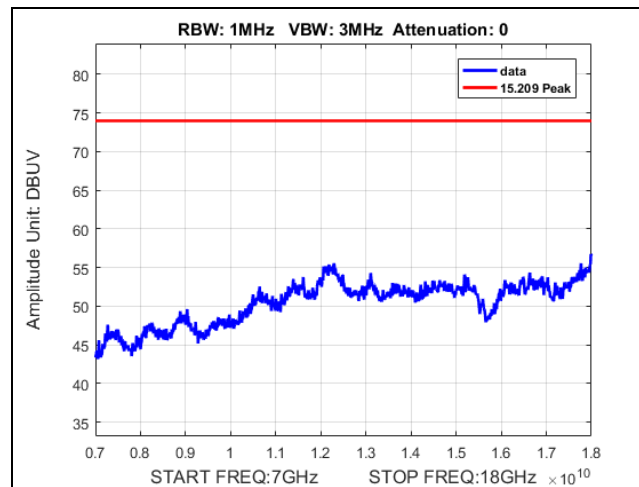
**Plot 713. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 80M, 5310M, 1-7GHz**



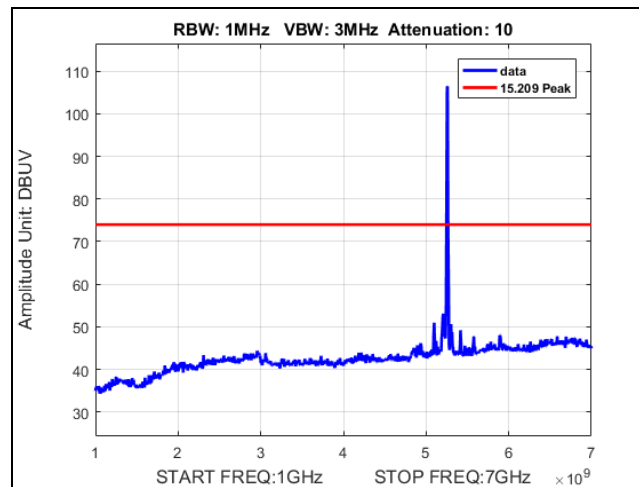
**Plot 714. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, 100M, 5300M, 1-7GHz**



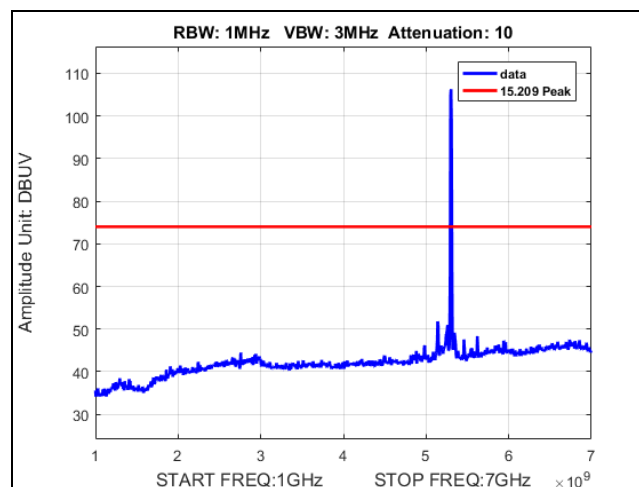
**Plot 715. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 22dBi sector, worst case, 7-18GHz**



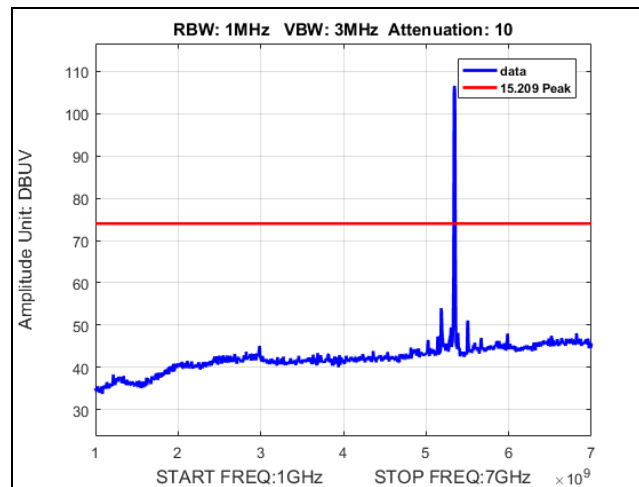
**Plot 716. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, worst case, 7-18GHz**



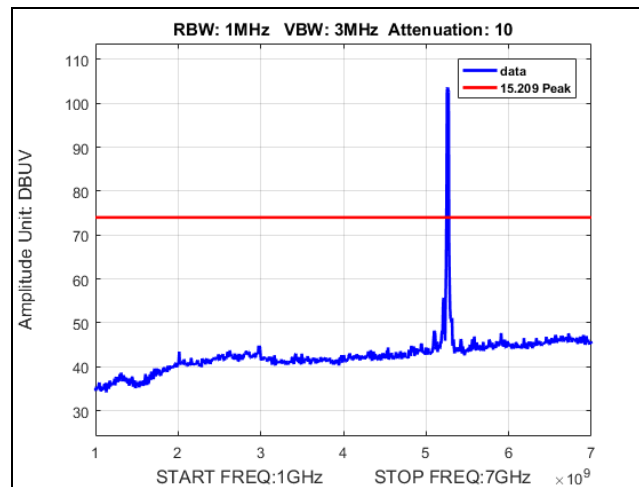
**Plot 717. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 10M, 5255M, 1-7GHz**



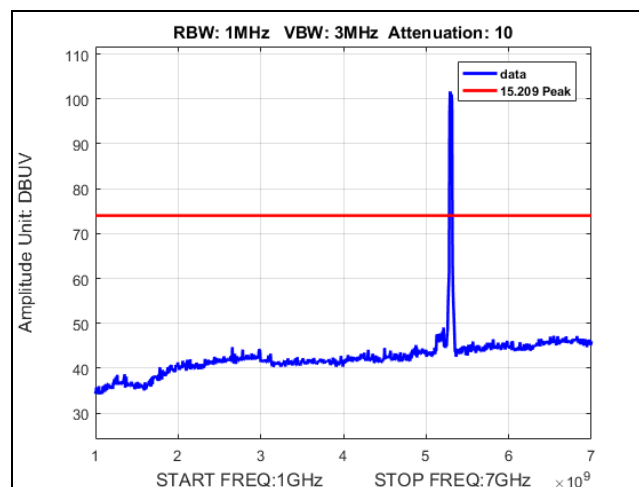
**Plot 718. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 10M, 5300M, 1-7GHz**



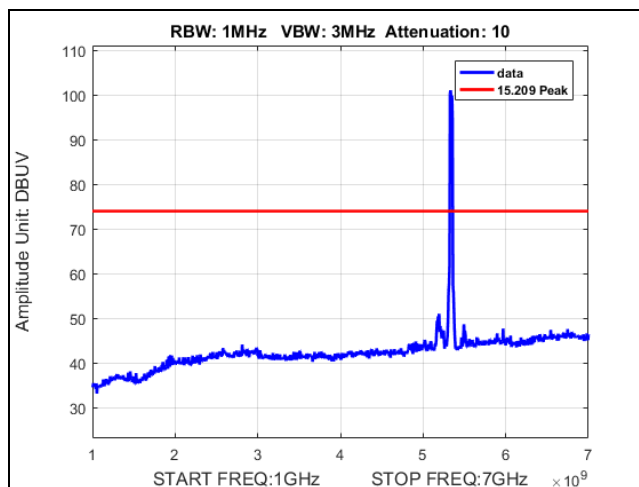
**Plot 719. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 10M, 5345M, 1-7GHz**



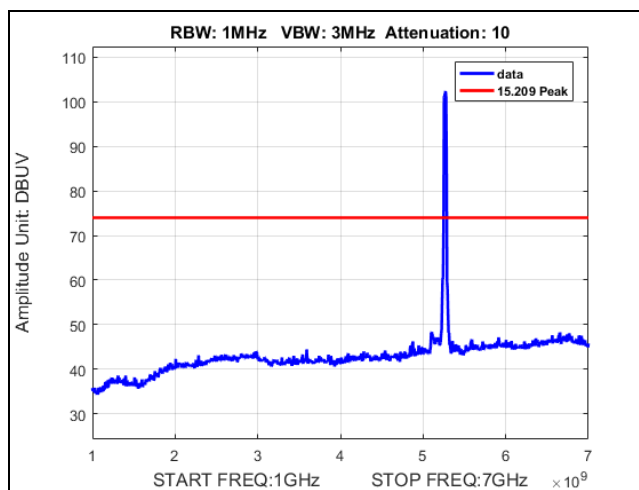
**Plot 720. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 20M, 5260M, 1-7GHz**



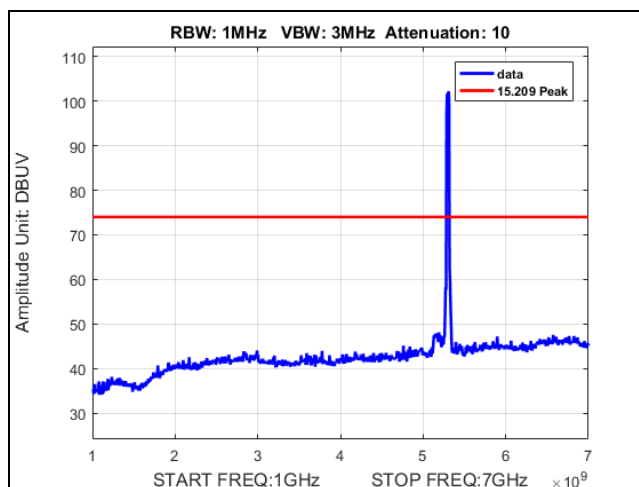
**Plot 721. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 20M, 5300M, 1-7GHz**



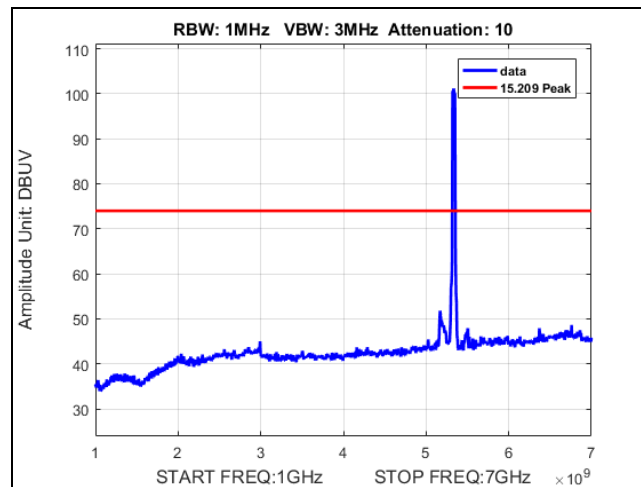
Plot 722. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 20M, 5340M, 1-7GHz



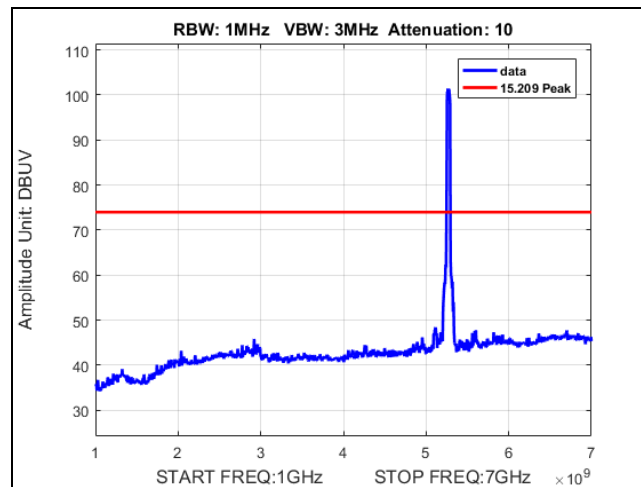
Plot 723. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 30M, 5265M, 1-7GHz



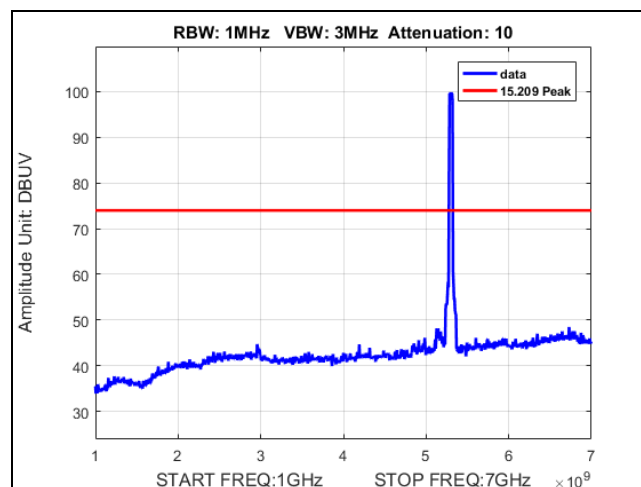
Plot 724. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 30M, 5300M, 1-7GHz



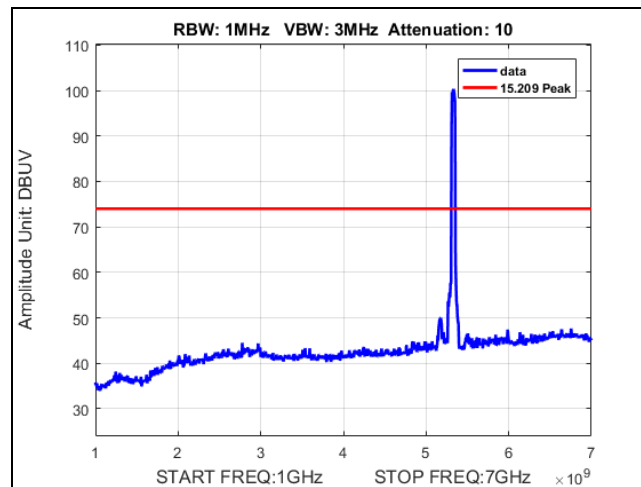
**Plot 725. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 30M, 5335M, 1-7GHz**



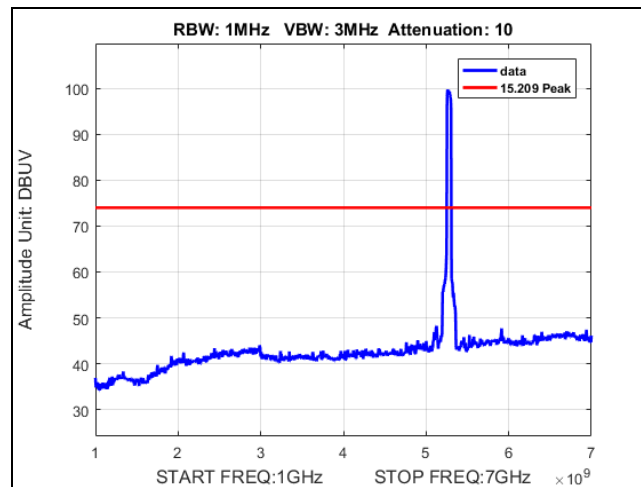
**Plot 726. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 40M, 5270M, 1-7GHz**



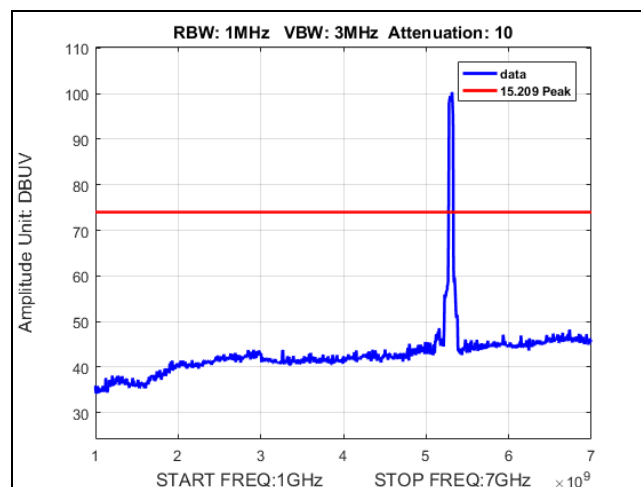
**Plot 727. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 40M, 5300M, 1-7GHz**



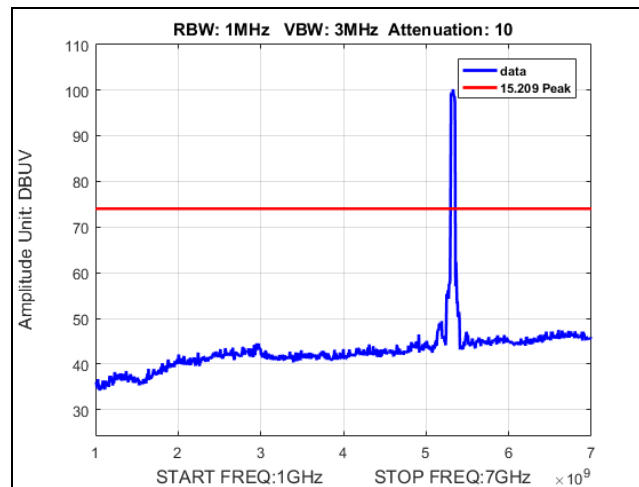
**Plot 728. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 40M, 5330M, 1-7GHz**



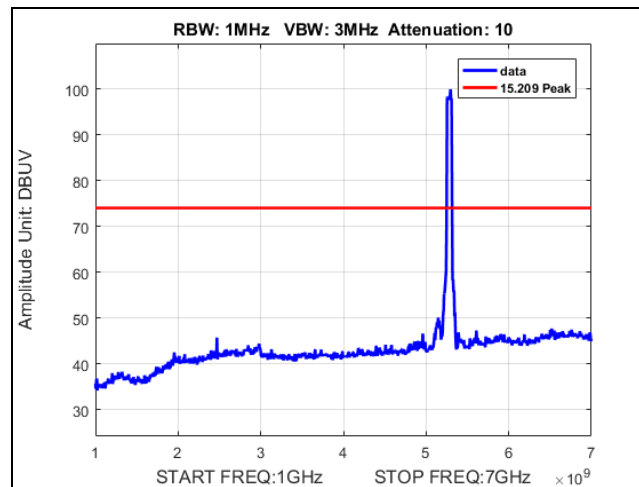
**Plot 729. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 50M, 5275M, 1-7GHz**



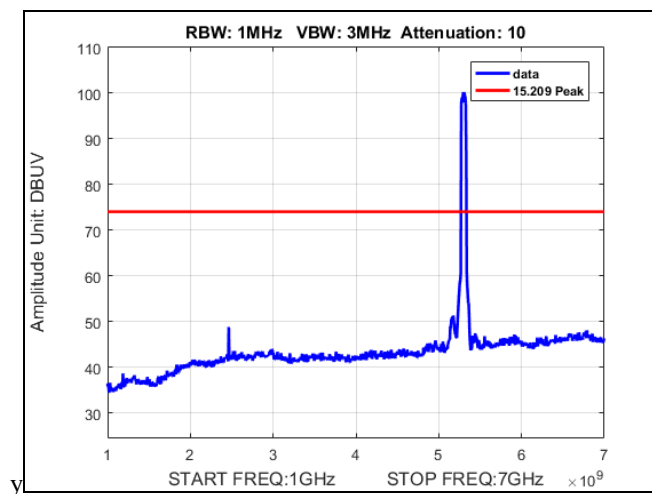
**Plot 730. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 50M, 5300M, 1-7GHz**



**Plot 731. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 50M, 5325M, 1-7GHz**

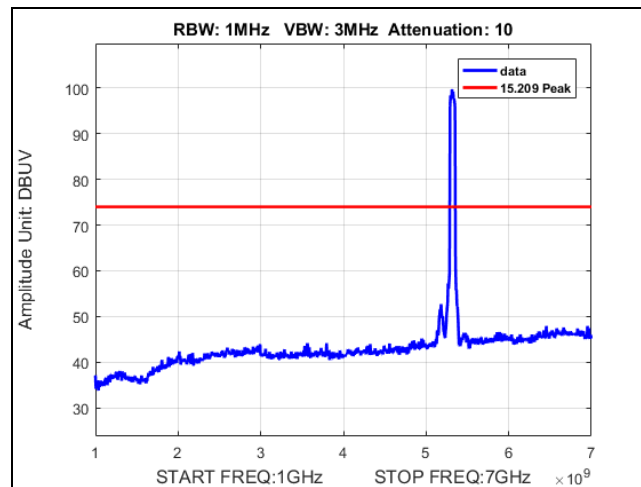


**Plot 732. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 60M, 5280M, 1-7GHz**

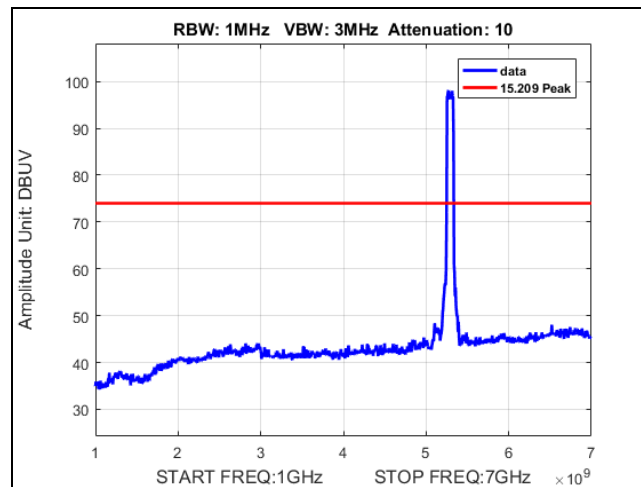


**Plot 733. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 60M, 5300M, 1-7GHz**

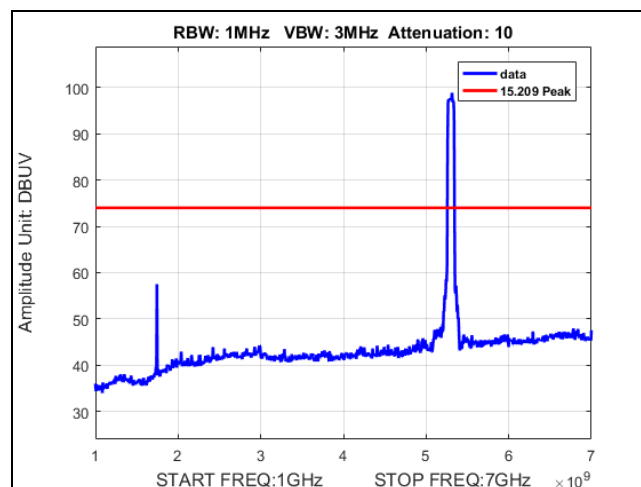




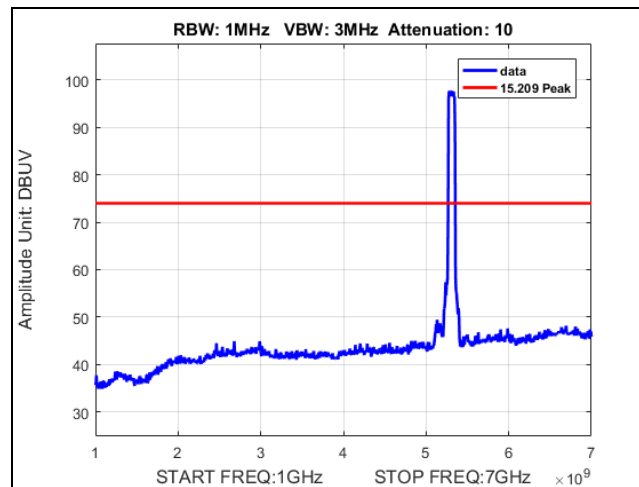
**Plot 734. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 60M, 5320M, 1-7GHz**



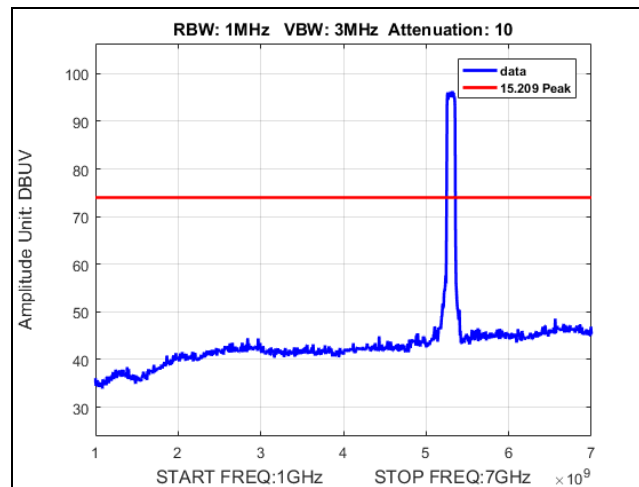
**Plot 735. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 80M, 5290M, 1-7GHz**



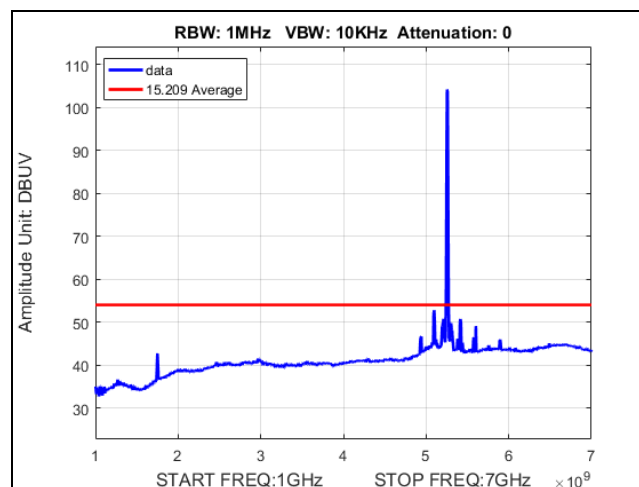
**Plot 736. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 80M, 5300M, 1-7GHz**



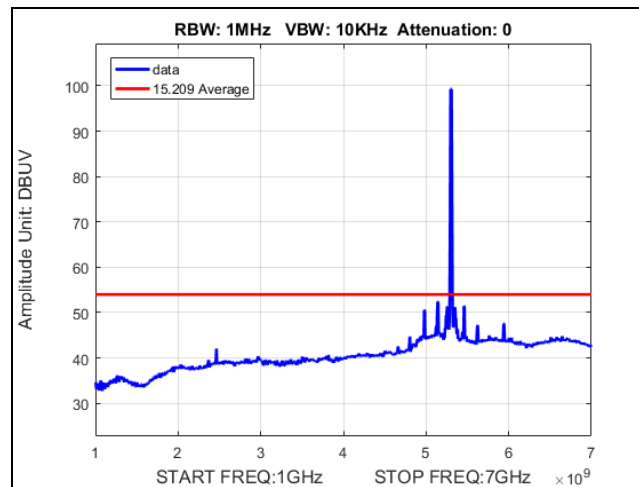
**Plot 737. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 80M, 5310M, 1-7GHz**



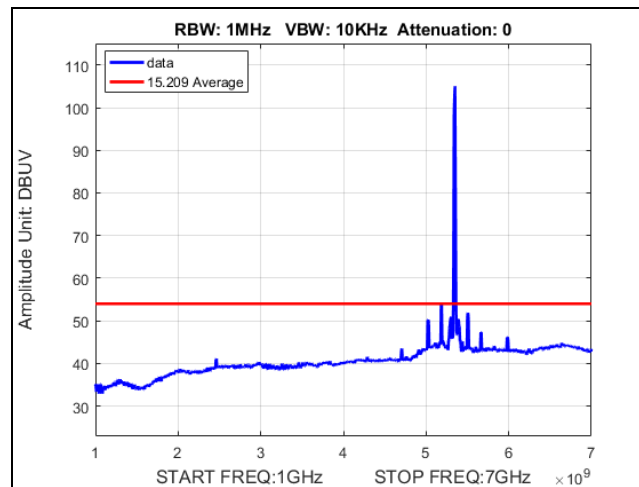
**Plot 738. Undesirable Emissions, UNII 2A, PK, radiated spurious, 22dBi sector, 100M, 5300M, 1-7GHz**



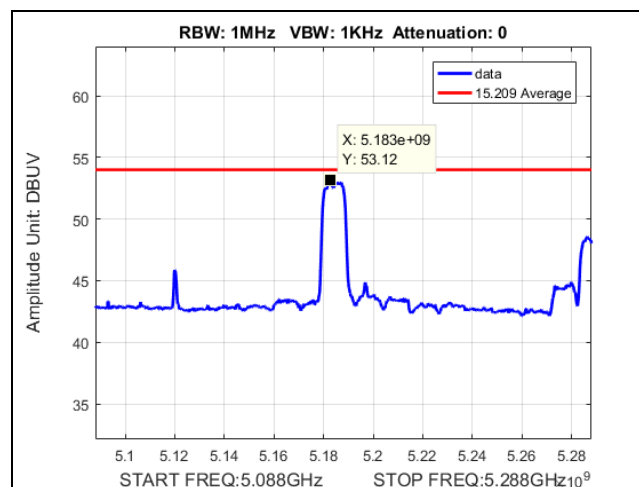
**Plot 739. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 10M, 5255M, 1-7GHz**



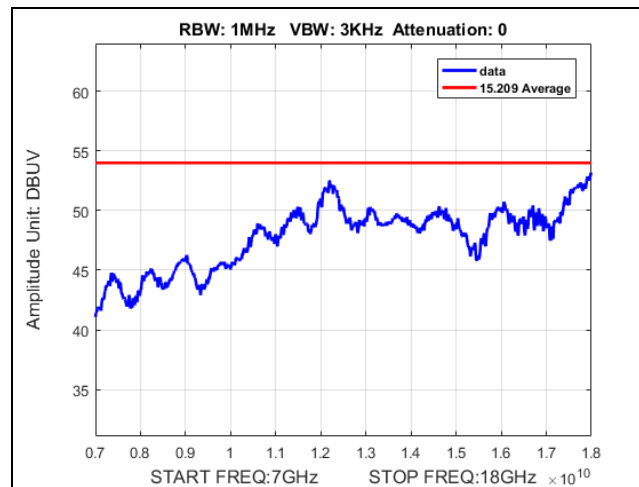
**Plot 740. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 10M, 5300M, 1-7GHz**



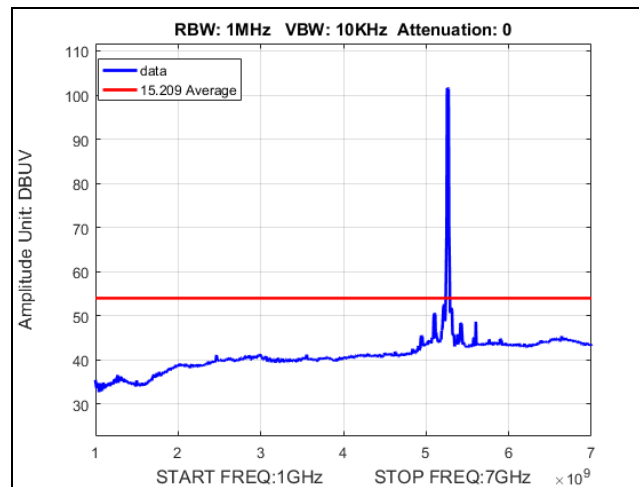
**Plot 741. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 10M, 5345M, 1-7GHz**



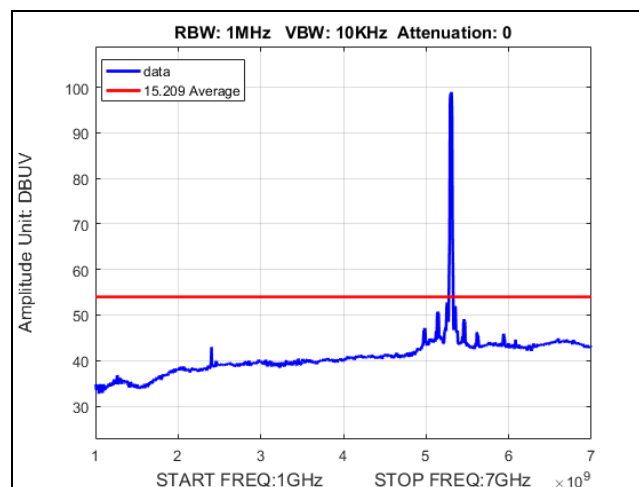
**Plot 742. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 10M, 5345M, zoomed in spur**



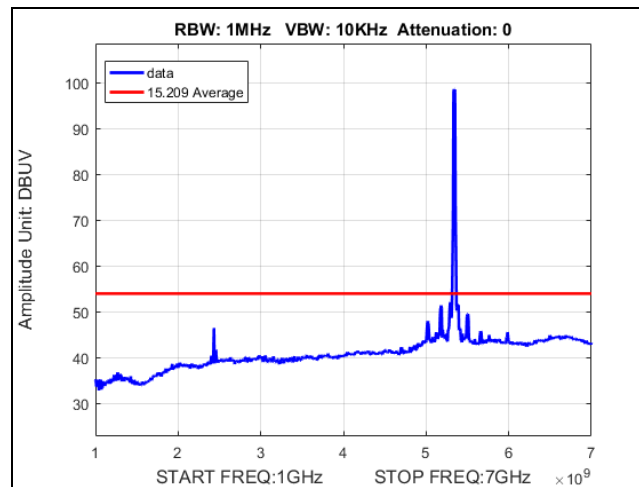
**Plot 743. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, worst case, 7-18GHz**



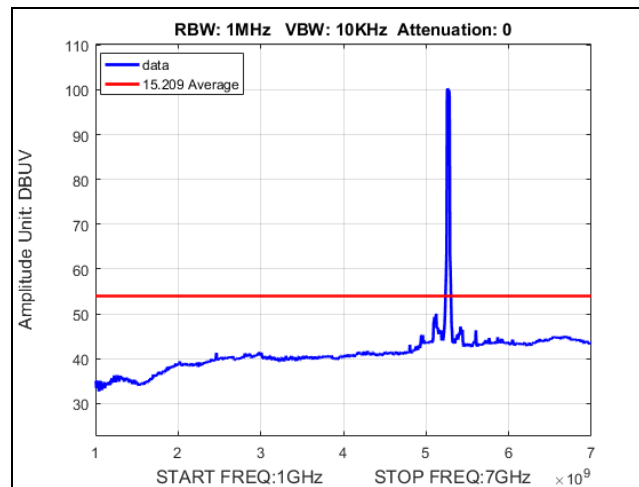
**Plot 744. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 20M, 5260M, 1-7GHz**



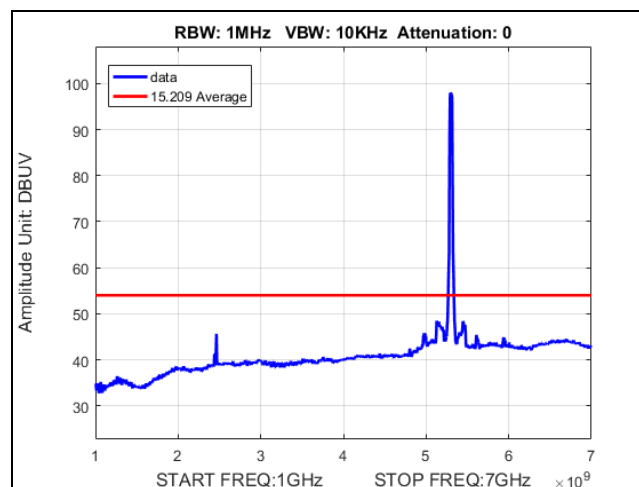
**Plot 745. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 20M, 5300M, 1-7GHz**



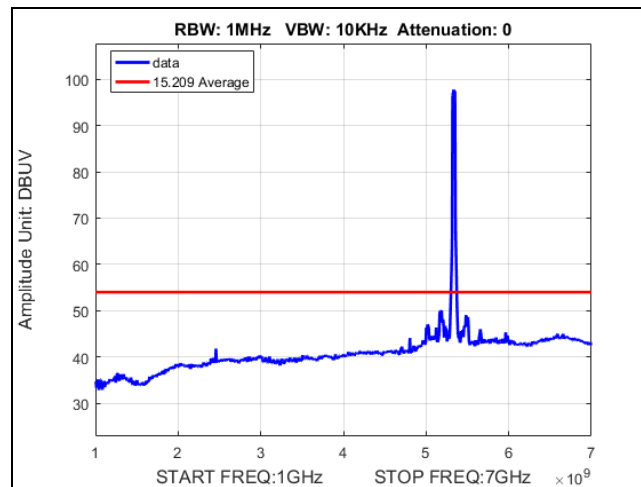
**Plot 746. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 20M, 5340M, 1-7GHz**



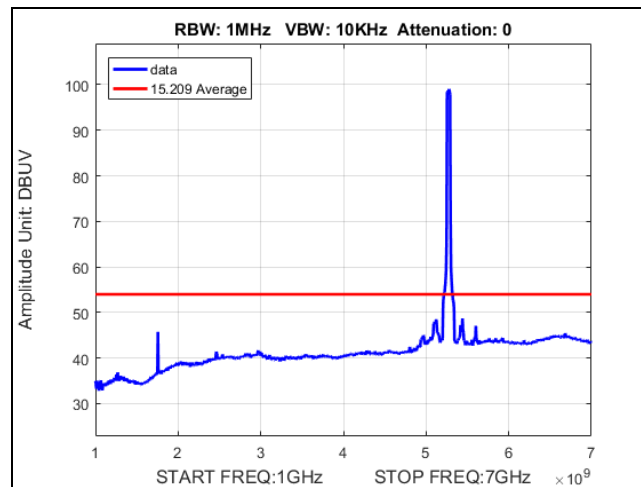
**Plot 747. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 30M, 5265M, 1-7GHz**



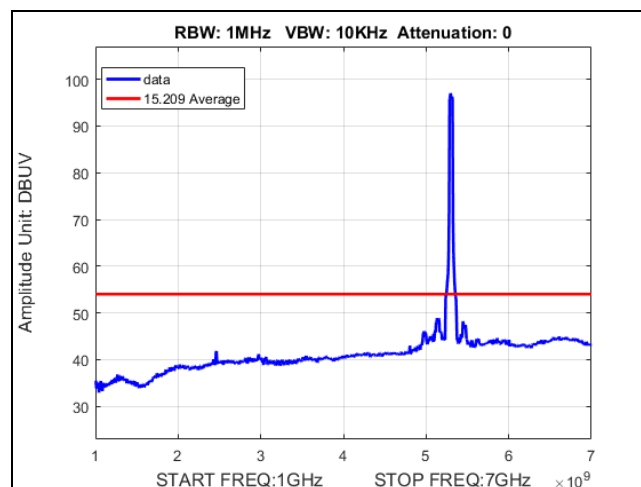
**Plot 748. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 30M, 5300M, 1-7GHz**



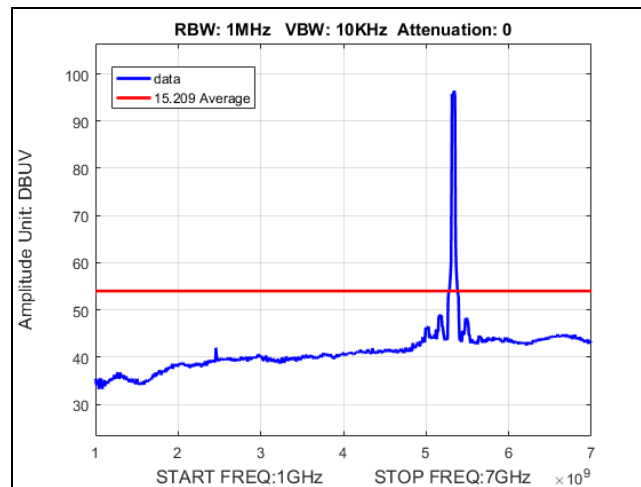
**Plot 749. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 30M, 5335M, 1-7GHz**



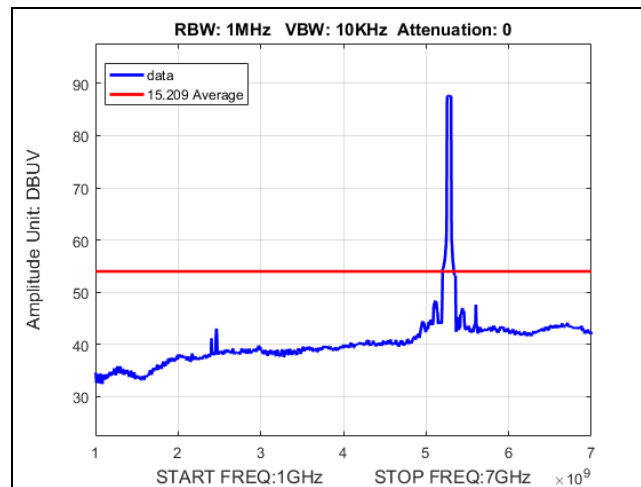
**Plot 750. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 40M, 5270M, 1-7GHz**



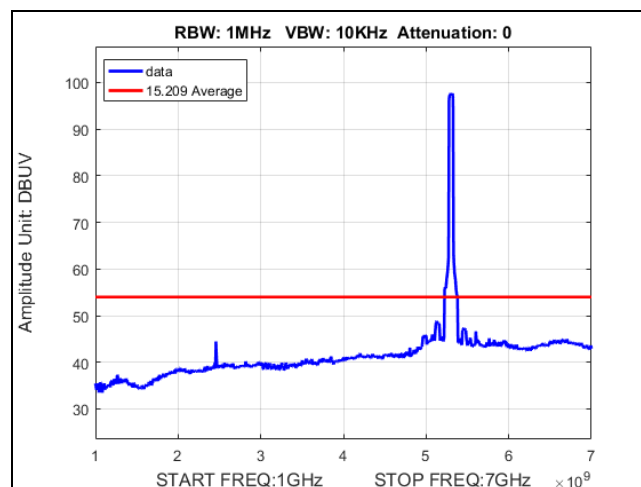
**Plot 751. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 40M, 5300M, 1-7GHz**



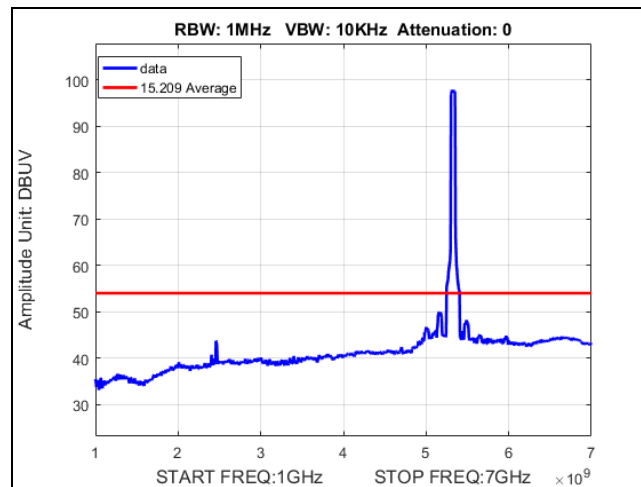
**Plot 752. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 40M, 5330M, 1-7GHz**



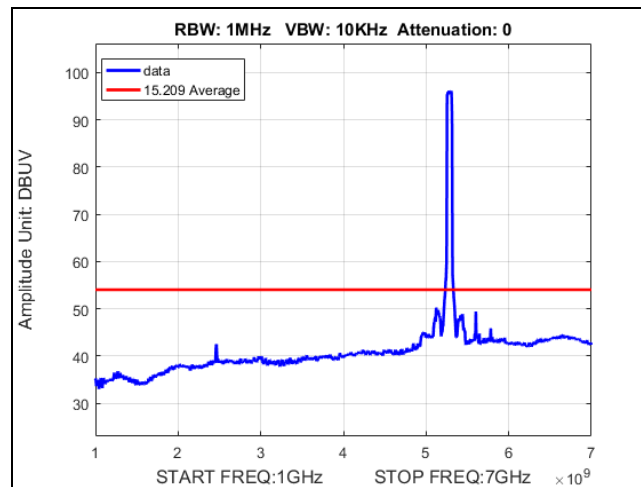
**Plot 753. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 50M, 5275M, 1-7GHz**



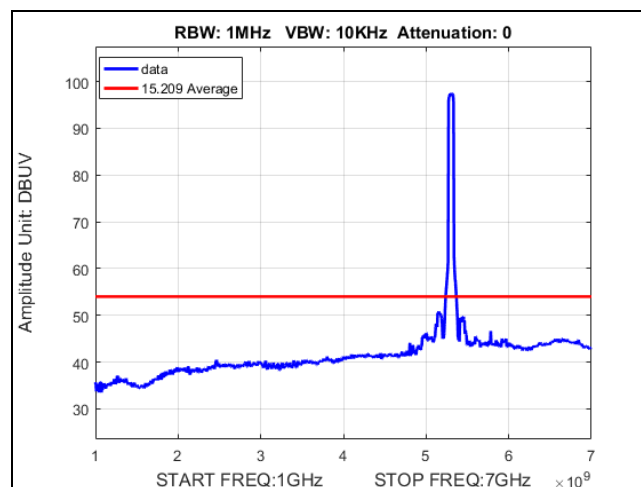
**Plot 754. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 50M, 5300M, 1-7GHz**



**Plot 755. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 50M, 5325M, 1-7GHz**

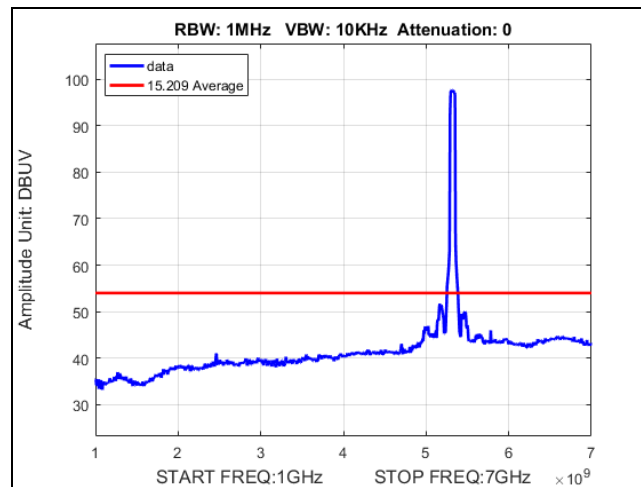


**Plot 756. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 60M, 5280M, 1-7GHz**

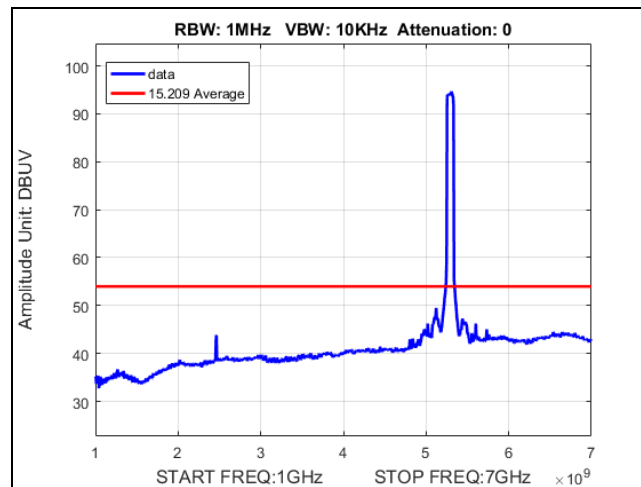


**Plot 757. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 60M, 5300M, 1-7GHz**

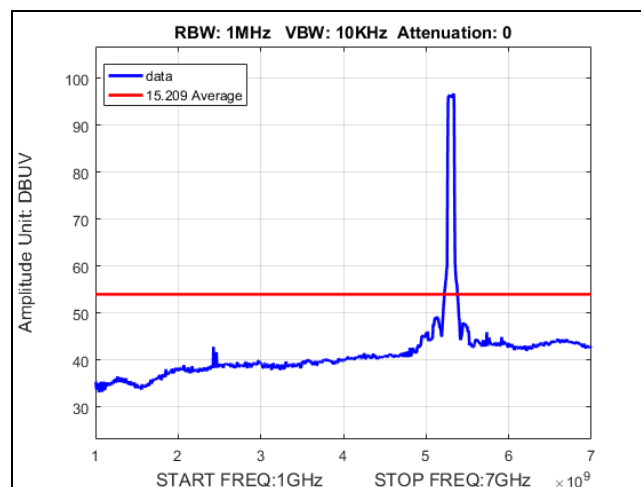




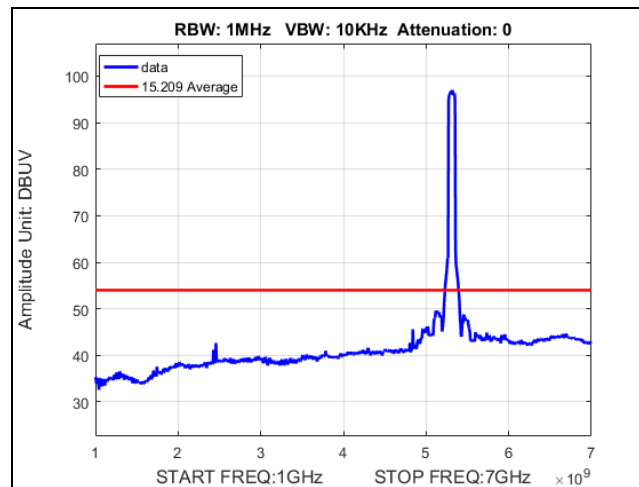
**Plot 758. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 60M, 5320M, 1-7GHz**



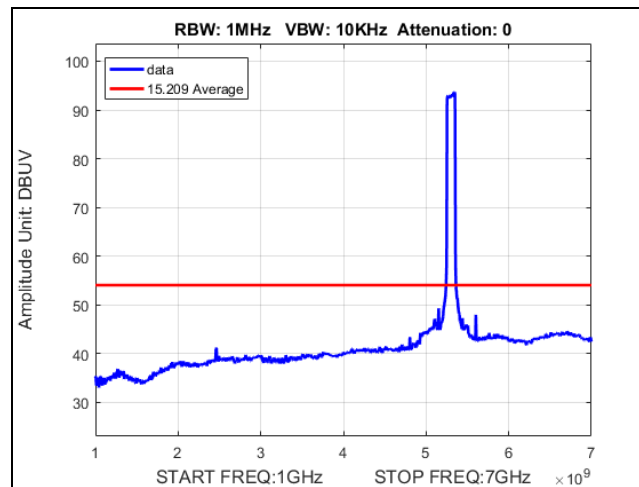
**Plot 759. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 80M, 5290M, 1-7GHz**



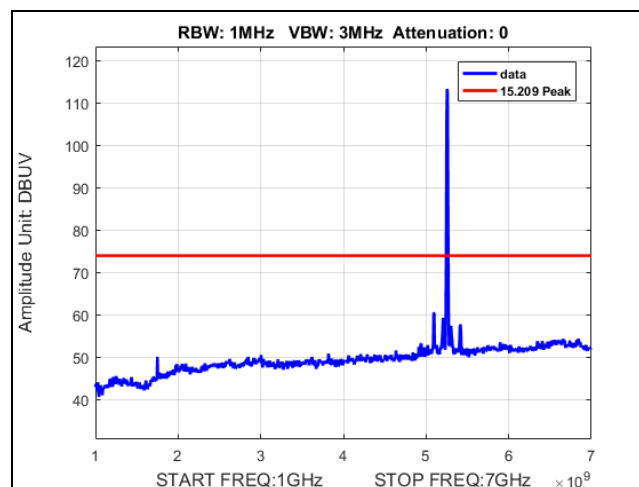
**Plot 760. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 80M, 5300M, 1-7GHz**



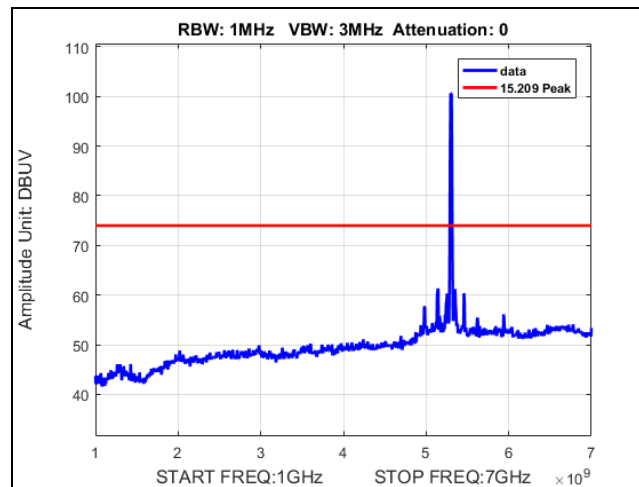
**Plot 761. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 80M, 5310M, 1-7GHz**



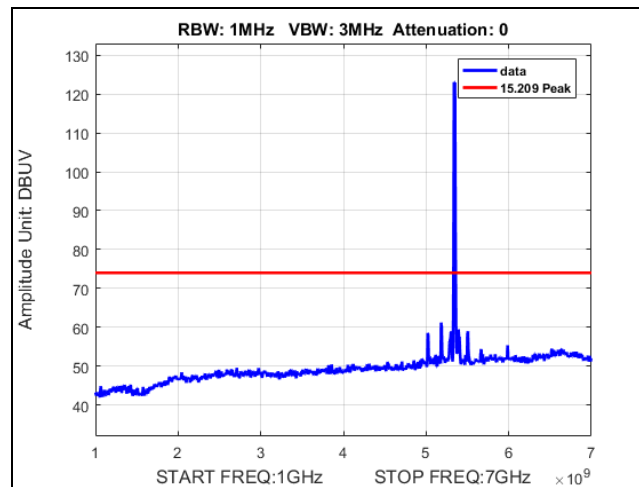
**Plot 762. Undesirable Emissions, UNII 2A, AVG, radiated spurious, 34dBi dish, 100M, 5300M, 1-7GHz**



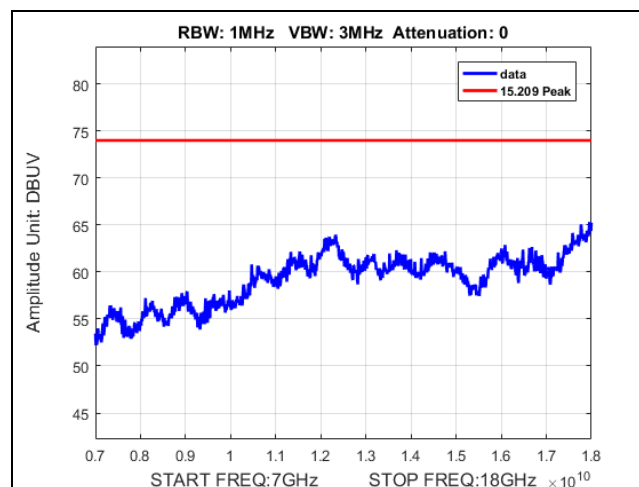
**Plot 763. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 10M, 5255M, 1-7GHz**



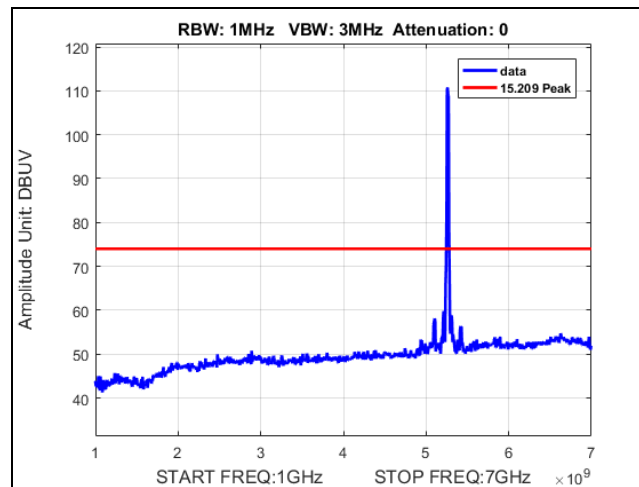
Plot 764. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 10M, 5300M, 1-7GHz



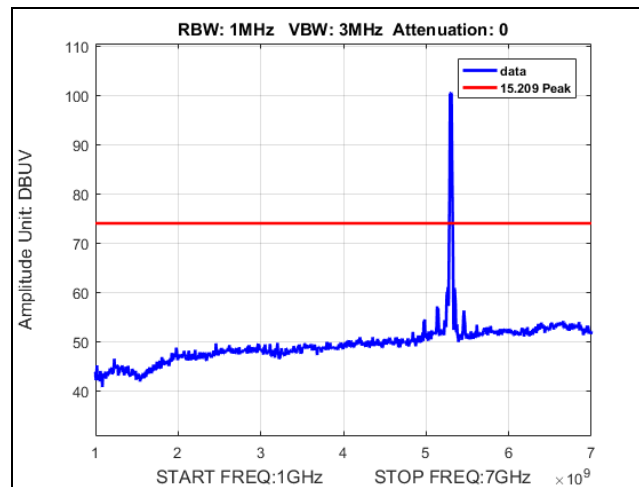
Plot 765. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 10M, 5345M, 1-7GHz



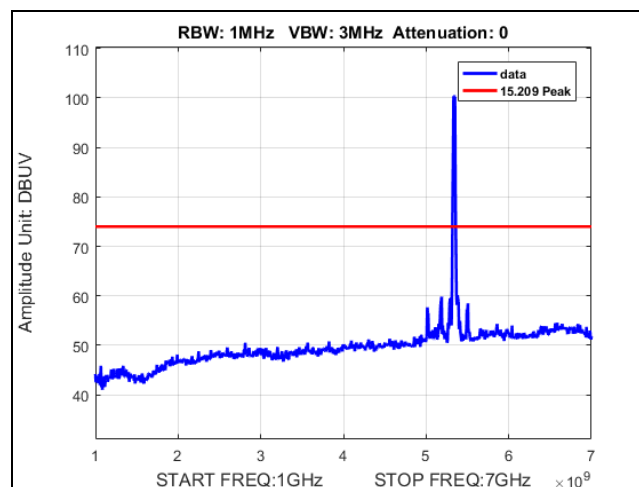
Plot 766. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, worst case, 7-18GHz



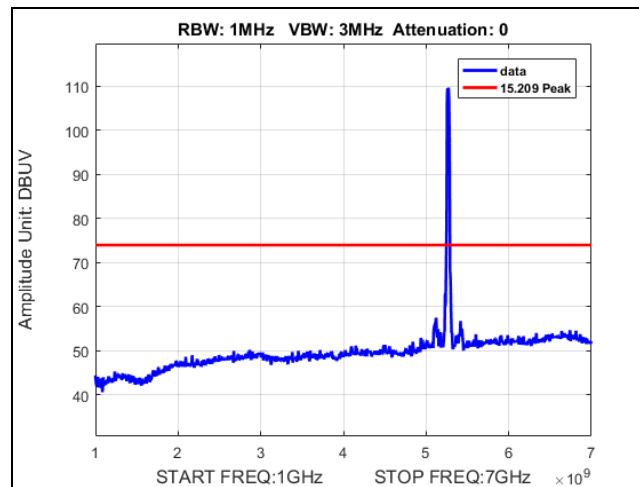
Plot 767. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 20M, 5260M, 1-7GHz



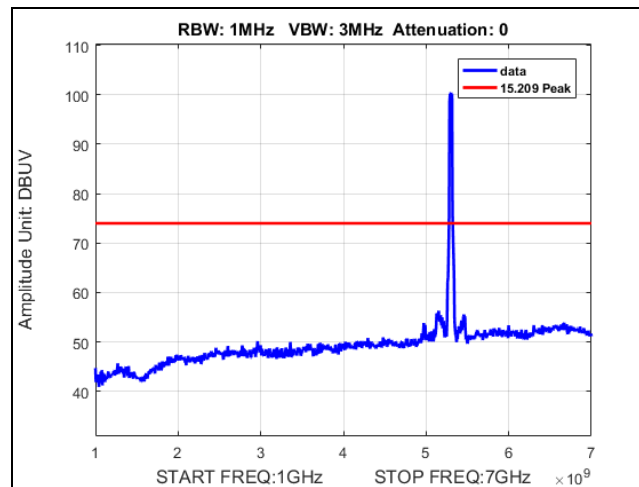
Plot 768. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 20M, 5300M, 1-7GHz



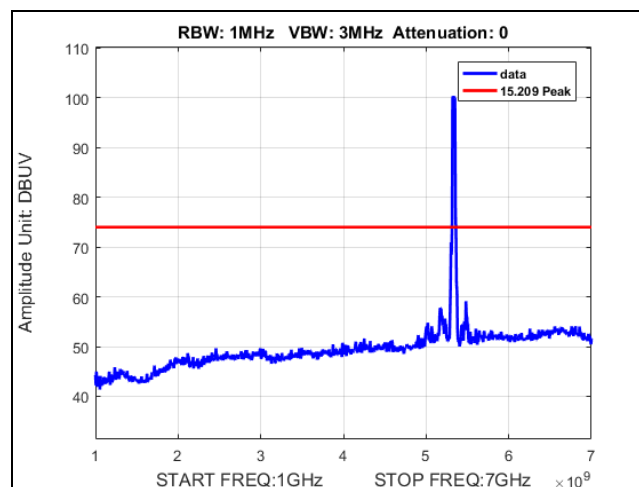
Plot 769. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 20M, 5340M, 1-7GHz



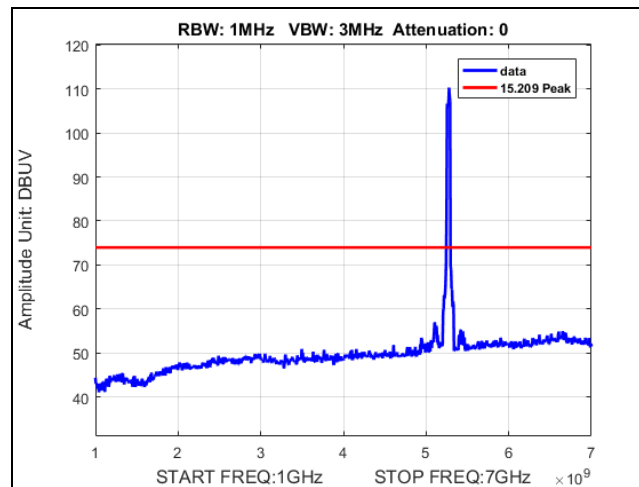
Plot 770. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 30M, 5265M, 1-7GHz



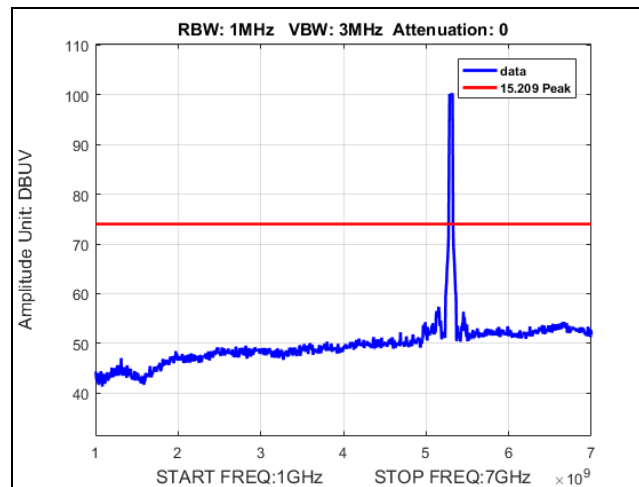
Plot 771. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 30M, 5300M, 1-7GHz



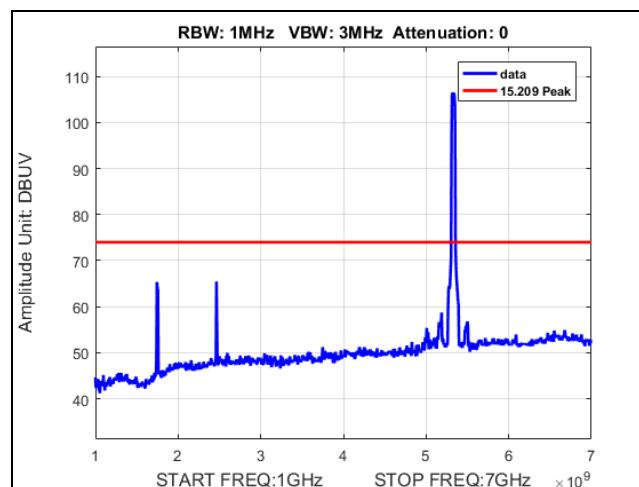
Plot 772. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 30M, 5335M, 1-7GHz



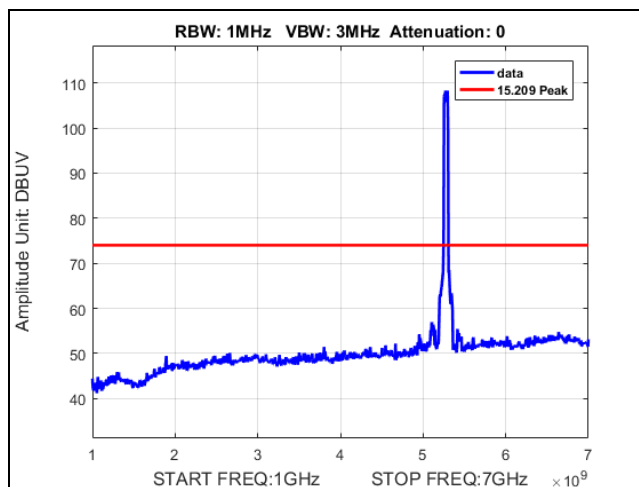
Plot 773. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 40M, 5270M, 1-7GHz



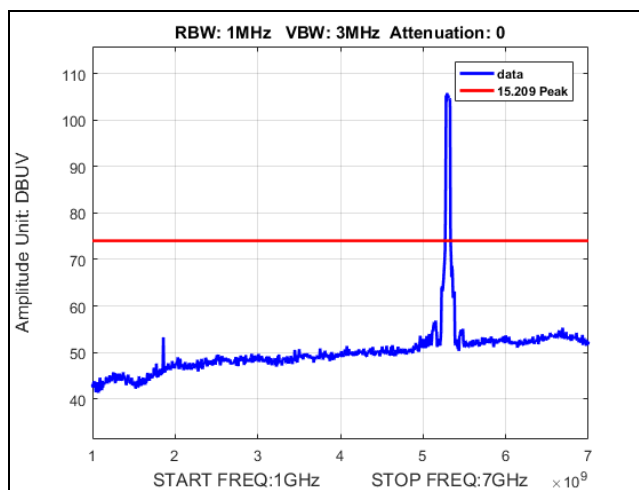
Plot 774. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 40M, 5300M, 1-7GHz



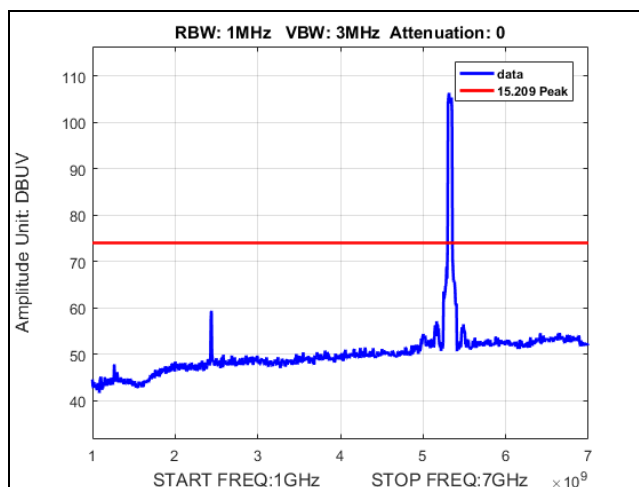
Plot 775. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 40M, 5330M, 1-7GHz



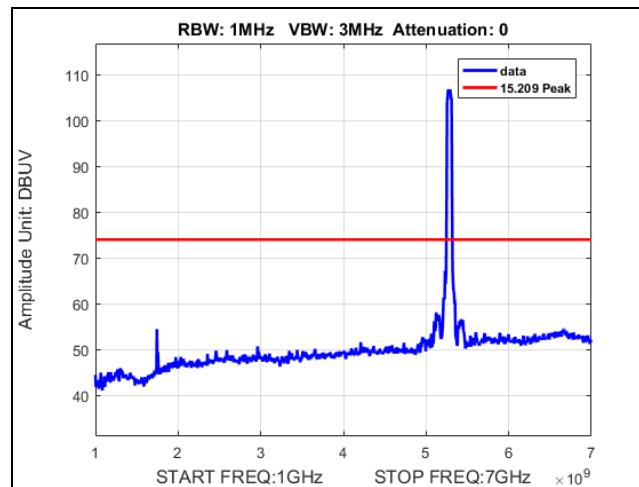
Plot 776. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 50M, 5275M, 1-7GHz



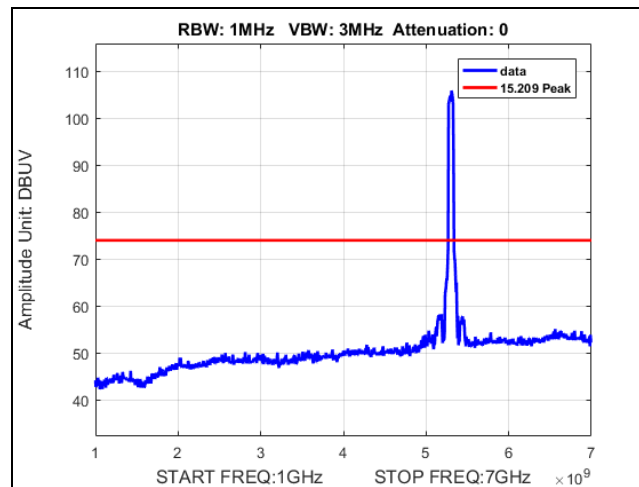
Plot 777. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 50M, 5300M, 1-7GHz



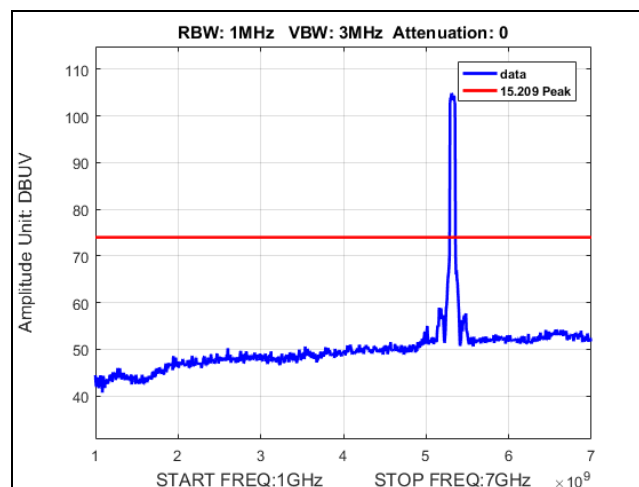
Plot 778. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 50M, 5325M, 1-7GHz



Plot 779. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 60M, 5280M, 1-7GHz

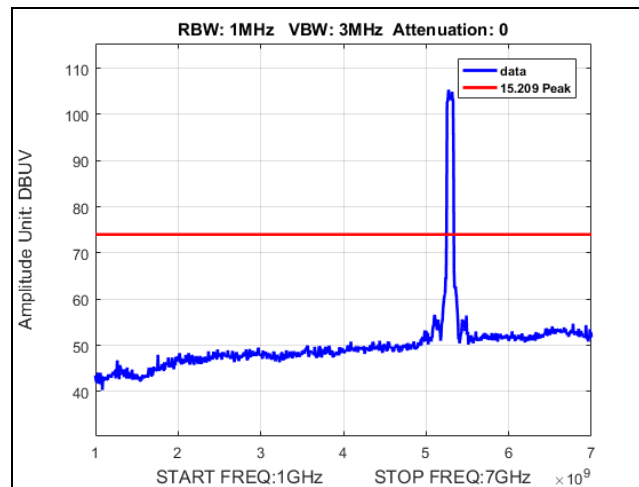


Plot 780. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 60M, 5300M, 1-7GHz

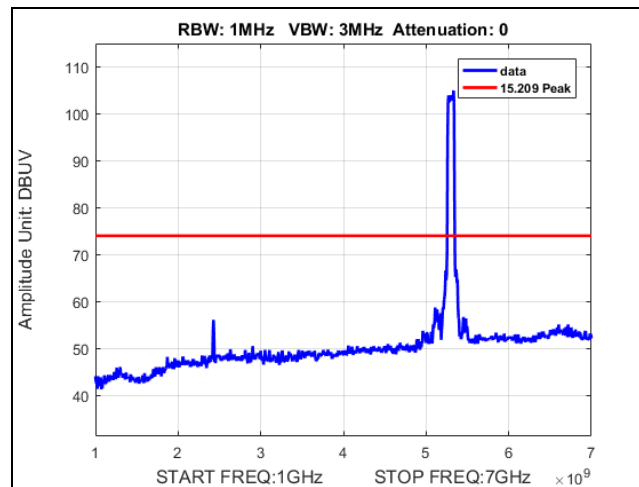


Plot 781. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 60M, 5320M, 1-7GHz

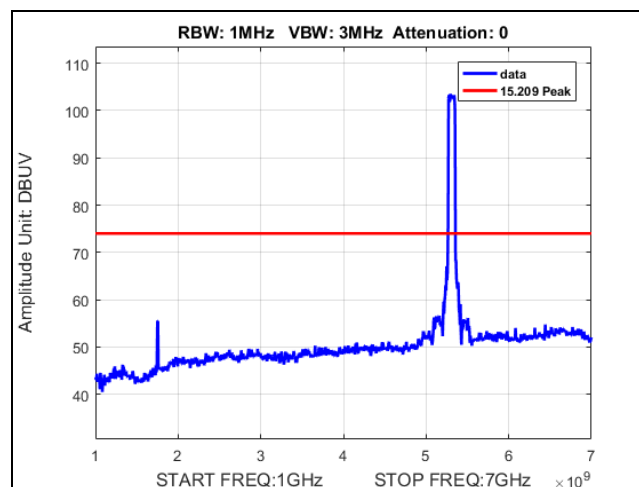




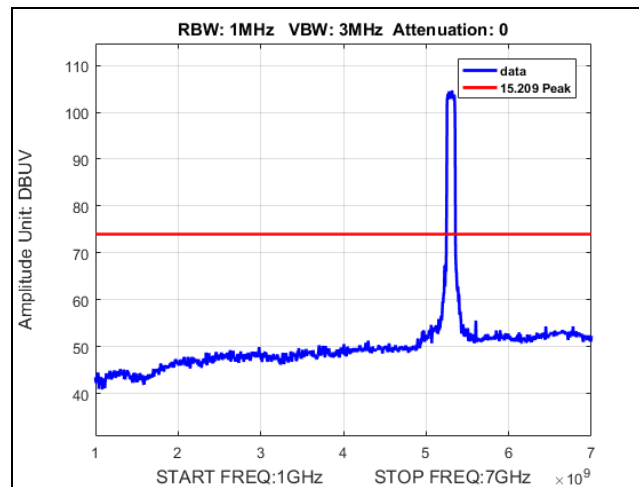
Plot 782. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 80M, 5290M, 1-7GHz



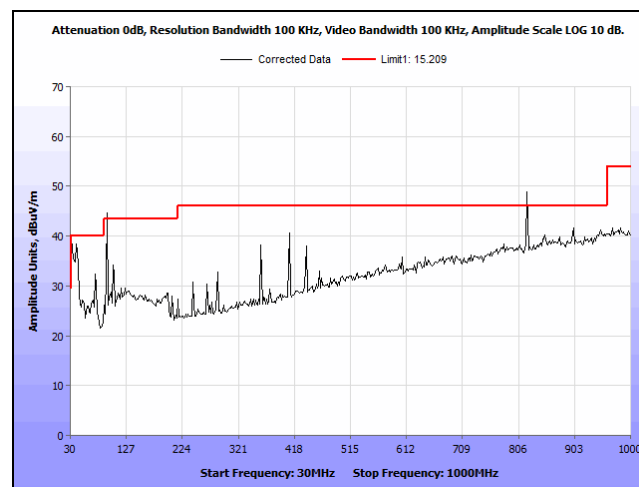
Plot 783. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 80M, 5300M, 1-7GHz



Plot 784. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 80M, 5310M, 1-7GHz



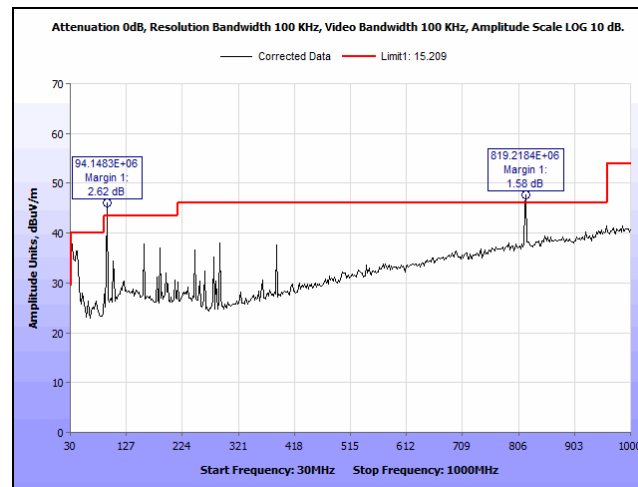
**Plot 785. Undesirable Emissions, UNII 2A, PK, radiated spurious, 34dBi dish, 100M, 5300M, 1-7GHz**



**Plot 786. Undesirable Emissions, UNII 2A, radiated emissions below 1GHz, 13dBi, worst case**

Frequency (MHz)	EUT Azimuth (Degrees)	Antenna Polarity (H/V)	Antenna HEIGHT (m)	Uncorrected Amplitude (dBuV)	Antenna Correction Factor (dB) (+)	Cable Loss (dB) (+)	Distance Correction Factor (dB) (-)	Corrected Amplitude (dBuV/m)	Limit (dBuV/m)	Margin (dB)
41.95103	262	H	3.723	6.58	13.53	0.69	0	20.8	40	-19.2
41.95103	73	V	1	19.2	13.53	0.69	0	33.42	40	-6.58
95.12021	274	H	3.476	23.31	9.44	1.07	0	33.82	43.5	-9.68
95.12021	190	V	1.0952	16.14	9.44	1.07	0	26.65	43.5	-16.85
837.2144	222	H	1	5.8	22.39	2.74	0	30.93	46	-15.07
837.2144	-13	V	2.6378	5.72	22.39	2.74	0	30.85	46	-15.15

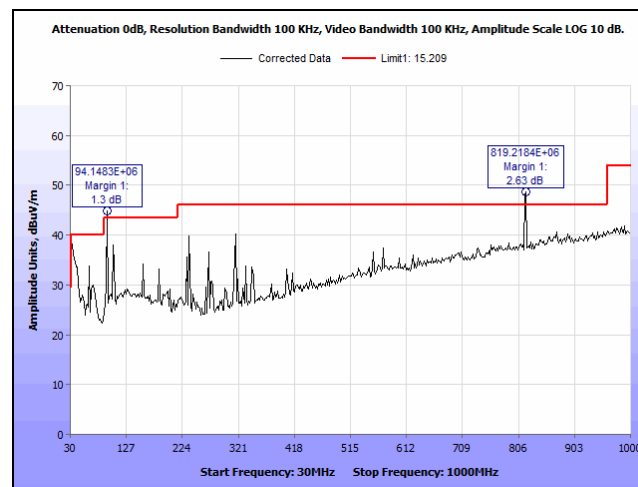
**Table 21. Radiated Emissions bellows 1GHz, 13dBi, worst case, Quasi-Peak measurements, points of interest.**



**Plot 787. Undesirable Emissions, UNII 2A, radiated emissions below 1GHz, 22dBi, worst case**

Frequency (MHz)	EUT Azimuth (Degrees)	Antenna Polarity (H/V)	Antenna HEIGHT (m)	Uncorrected Amplitude (dBuV)	Antenna Correction Factor (dB) (+)	Cable Loss (dB) (+)	Distance Correction Factor (dB) (-)	Corrected Amplitude (dBuV/m)	Limit (dBuV/m)	Margin (dB)
94.1483	249	H	2.4534	8.75	9.14	1.52	0	19.41	43.5	-24.09
94.1483	336	V	3.3547	8.06	9.14	1.52	0	18.72	43.5	-24.78
819.2184	333	H	1.8517	6.03	22.38	4.29	0	32.7	46	-13.3
819.2184	27	V	1.5069	6.03	22.38	4.29	0	32.7	46	-13.3

**Table 22. Radiated Emissions bellows 1GHz, 22dBi, worst case, Quasi-Peak measurements, points of interest.**

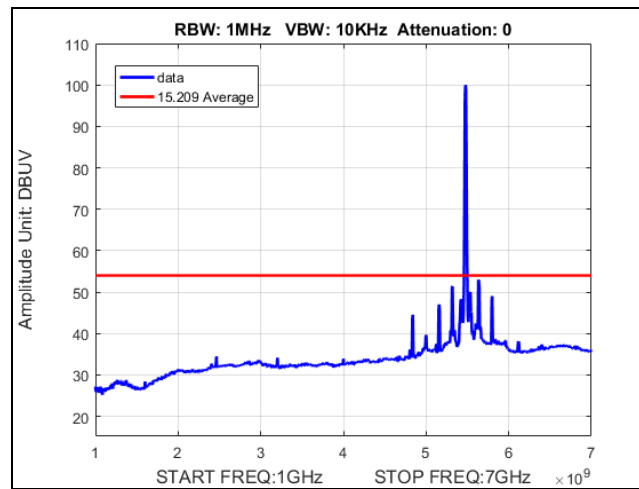


**Plot 788. Undesirable Emissions, UNII 2A, radiated emissions below 1GHz, 34dBi, worst case**

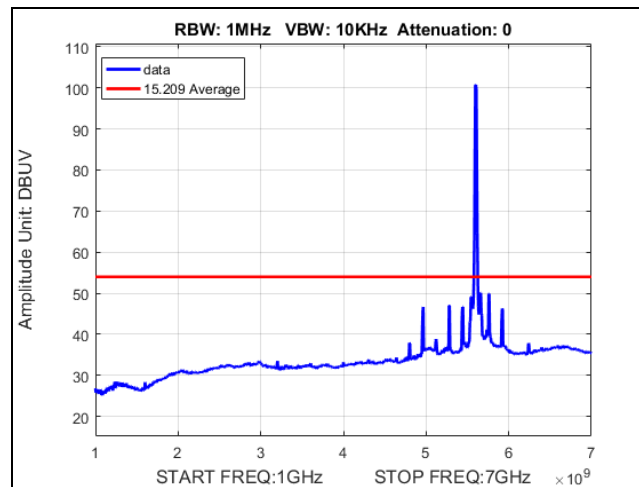
Frequency (MHz)	EUT Azimuth (Degrees)	Antenna Polarity (H/V)	Antenna HEIGHT (m)	Uncorrected Amplitude (dBuV)	Antenna Correction Factor (dB) (+)	Cable Loss (dB) (+)	Distance Correction Factor (dB) (-)	Corrected Amplitude (dBuV/m)	Limit (dBuV/m)	Margin (dB)
94.1483	111	H	3.0195	8.41	9.14	1.52	0	19.07	43.5	-24.43
94.1483	302	V	2.8386	7.69	9.14	1.52	0	18.35	43.5	-25.15
819.2184	285	H	2.2791	6.03	22.38	4.29	0	32.7	46	-13.3
819.2184	53	V	2.5634	6.03	22.38	4.29	0	32.7	46	-13.3

**Table 23. Radiated Emissions bellows 1GHz, 34dBi, worst case, Quasi-Peak measurements, points of interest.**

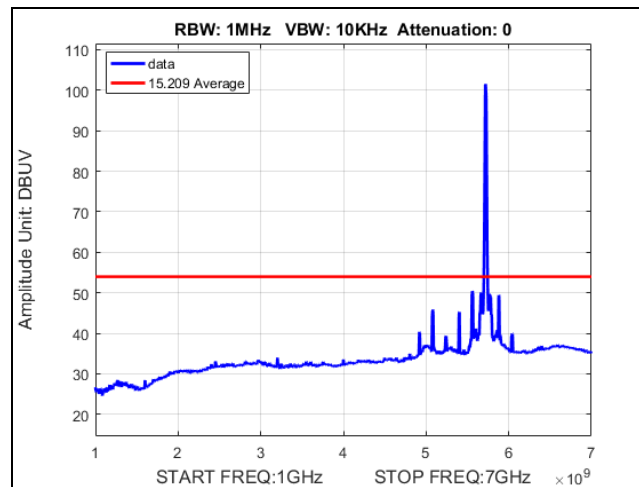
## Undesirable Emissions, UNII 2C



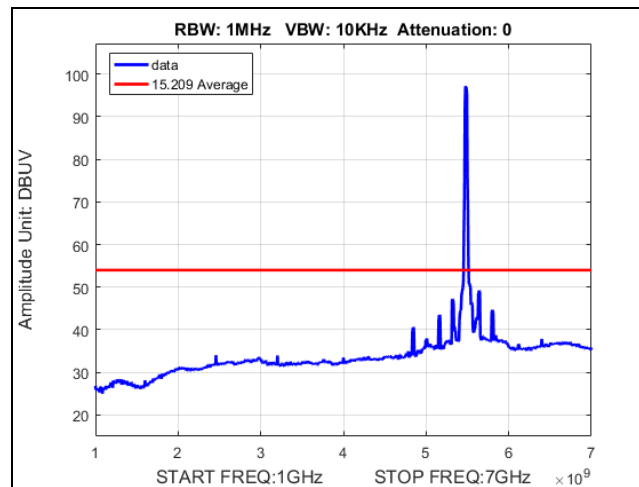
Plot 789. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 10M, 5475M



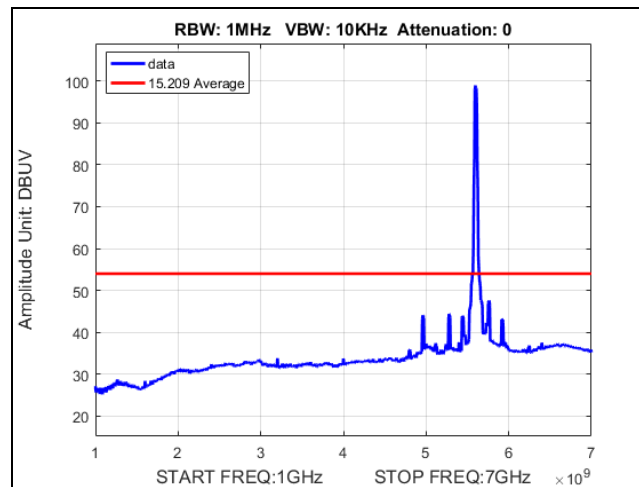
Plot 790. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 10M, 5600M



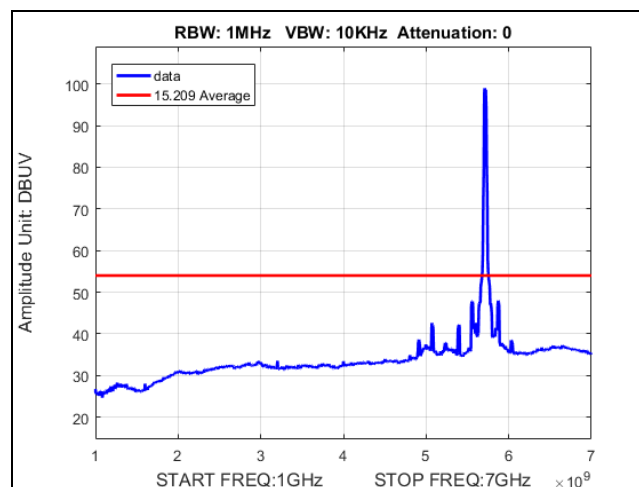
Plot 791. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 10M, 5720M



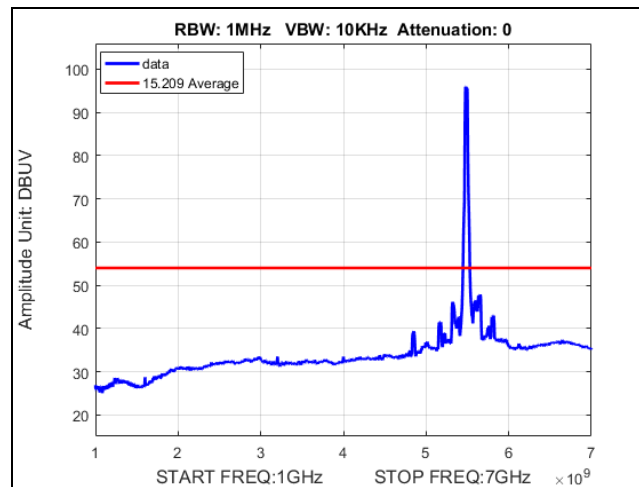
Plot 792. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 20M, 5480M



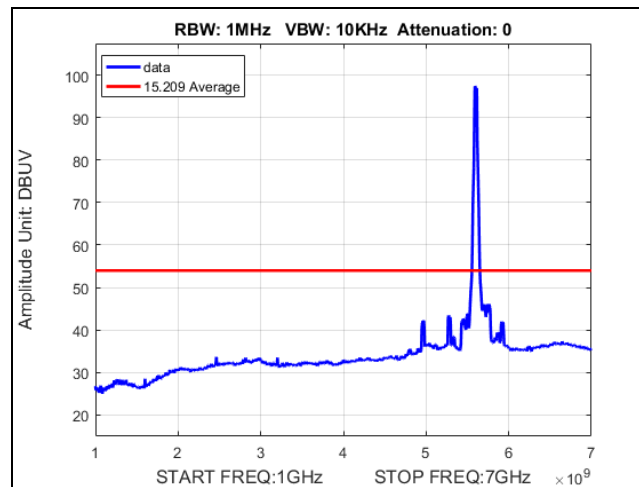
Plot 793. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 20M, 5600M



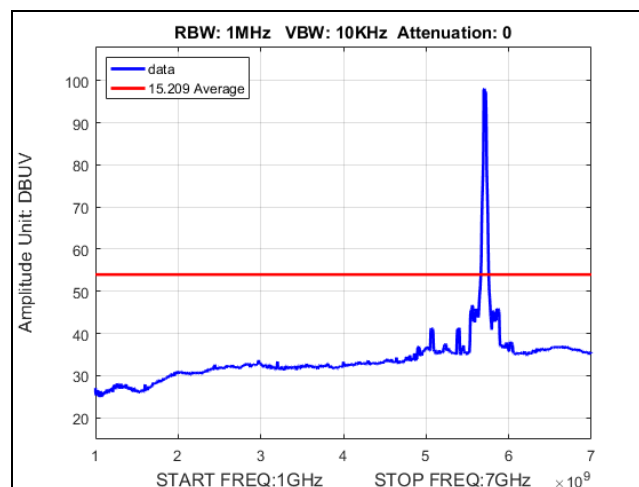
Plot 794. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 20M, 5715M



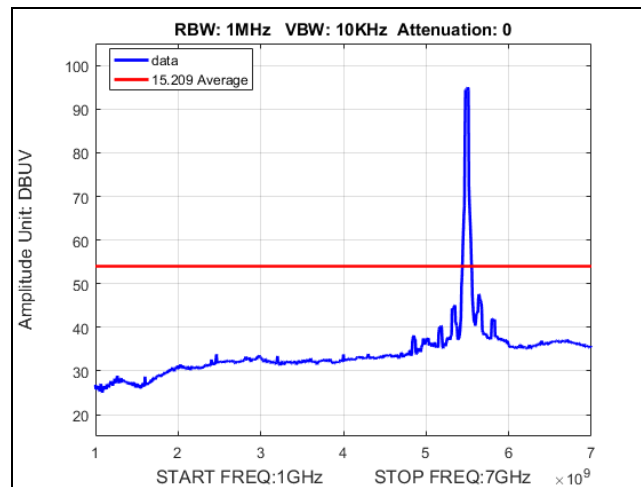
**Plot 795. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 30M, 5485M**



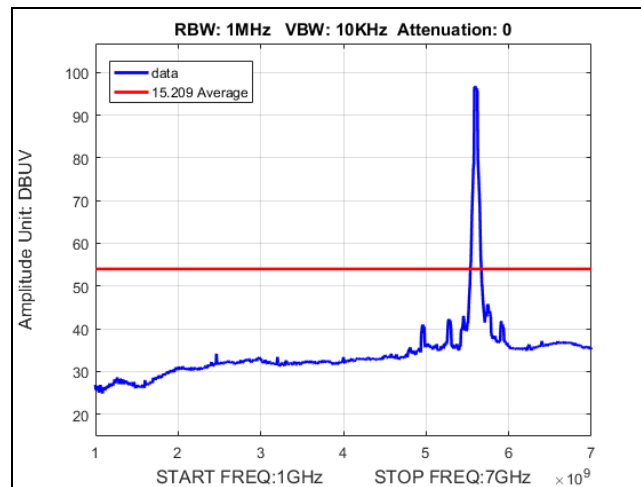
**Plot 796. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 30M, 5600M**



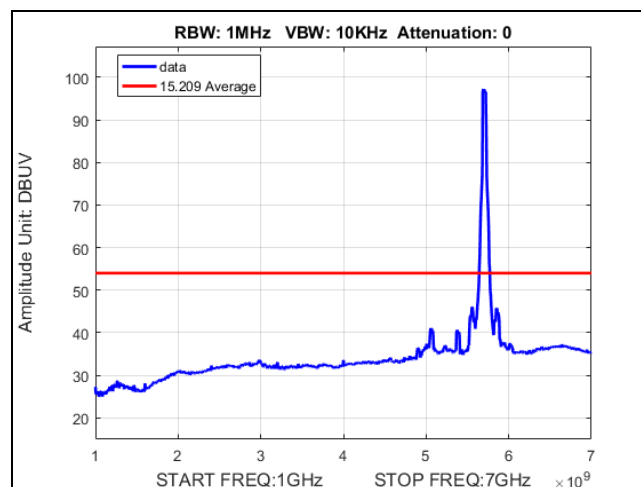
**Plot 797. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 30M, 5710M**



**Plot 798. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 40M, 5490M**

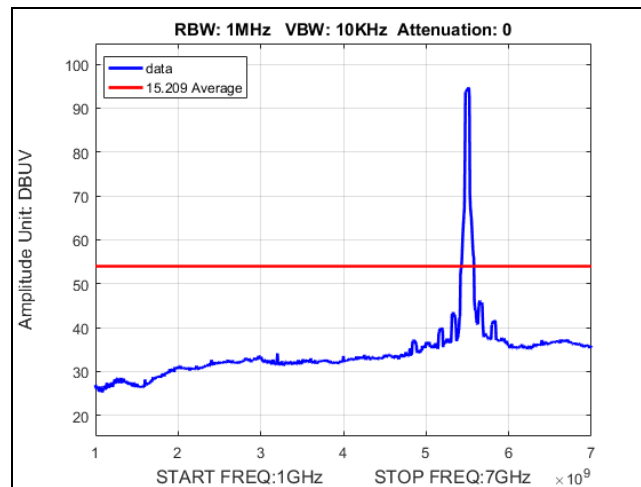


**Plot 7990. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 40M, 5600M**

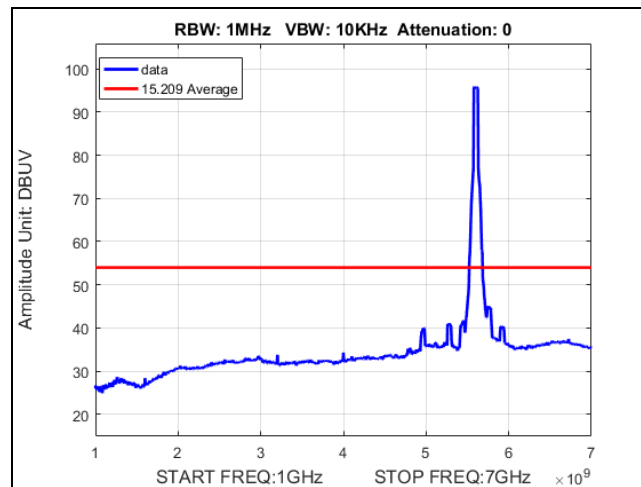


**Plot 800. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 40M, 5705M**

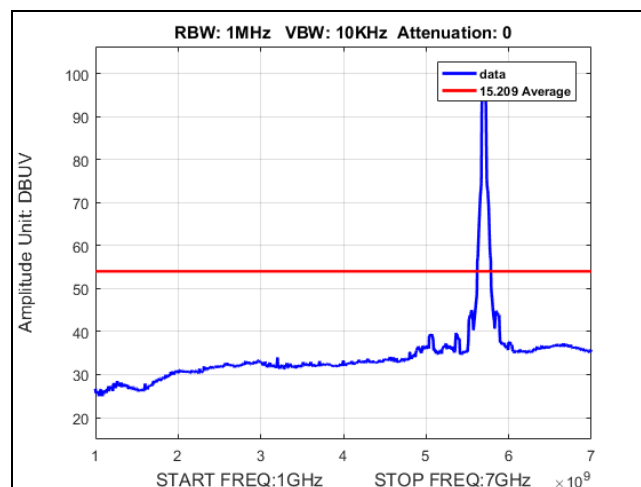




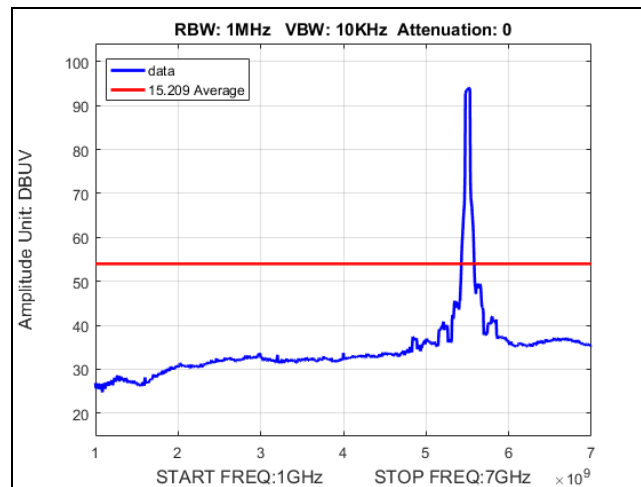
**Plot 801. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 50M, 5495M**



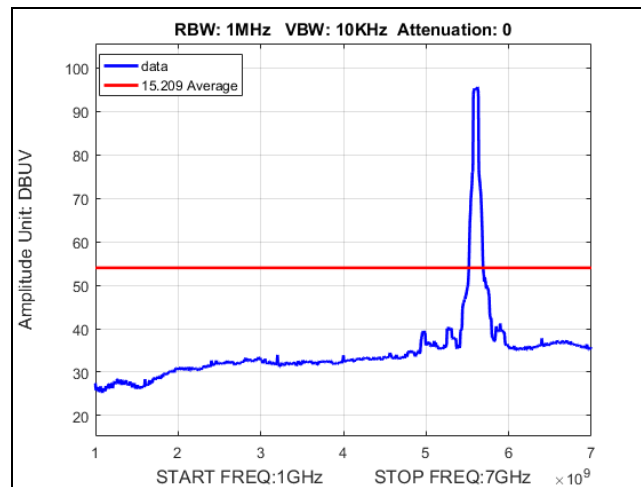
**Plot 802. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 50M, 5600M**



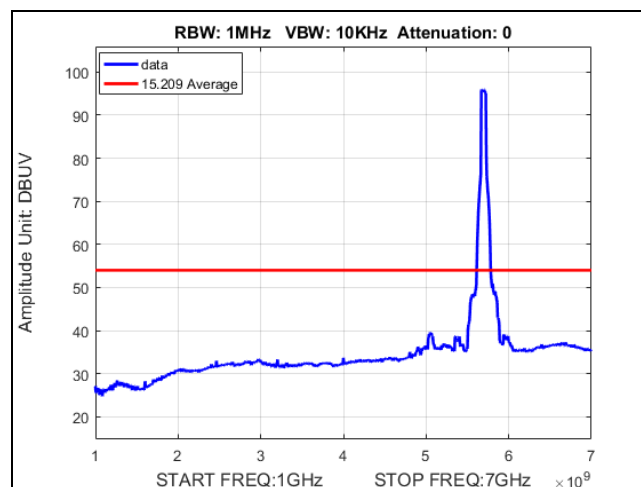
**Plot 803. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 50M, 5700M**



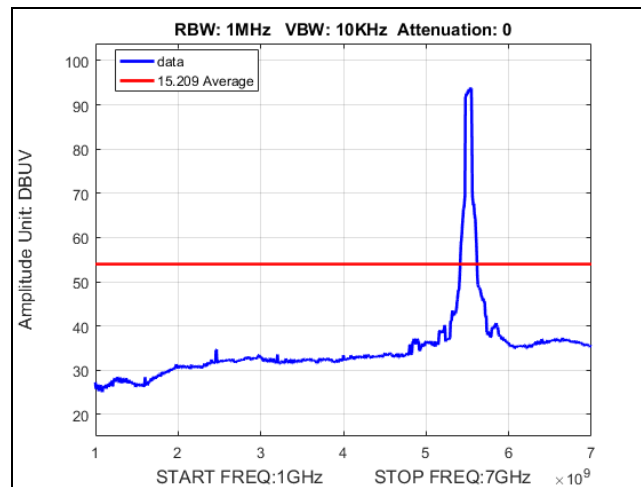
**Plot 804. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 60M, 5500M**



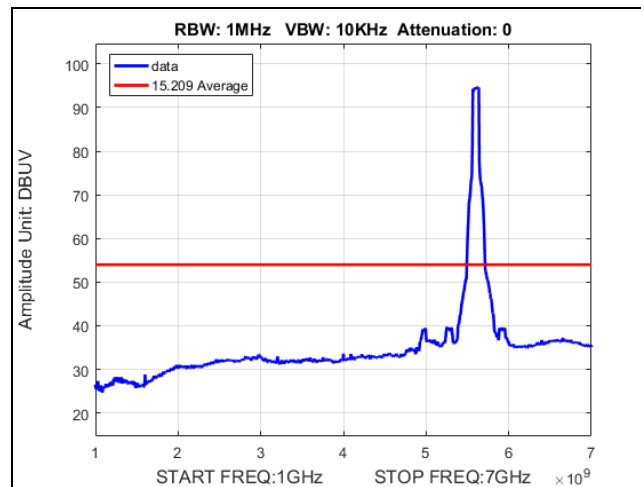
**Plot 805. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 60M, 5600M**



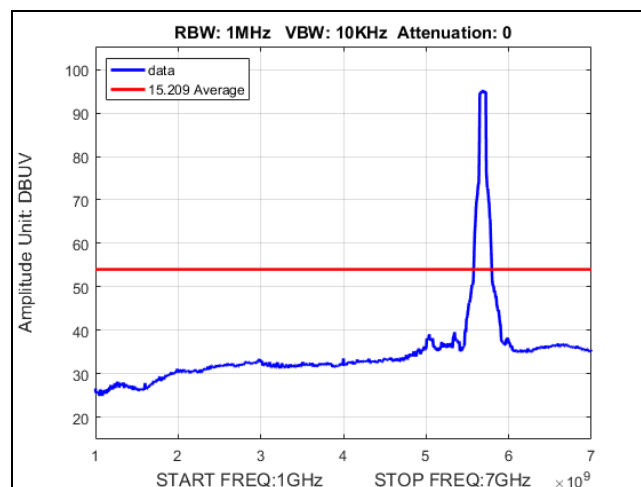
**Plot 806. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 60M, 5695M**



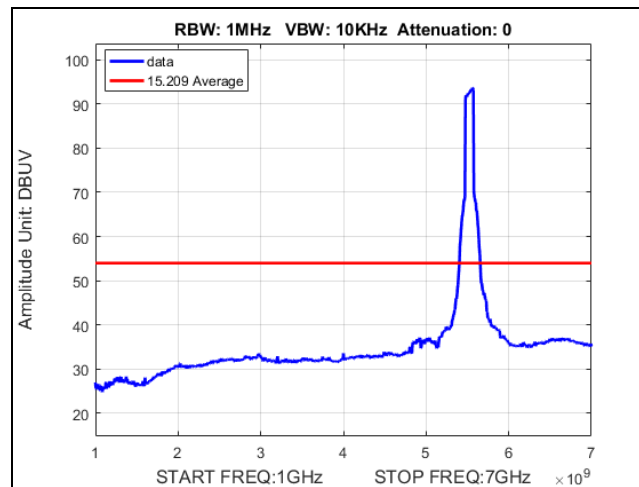
**Plot 807. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 80M, 5510M**



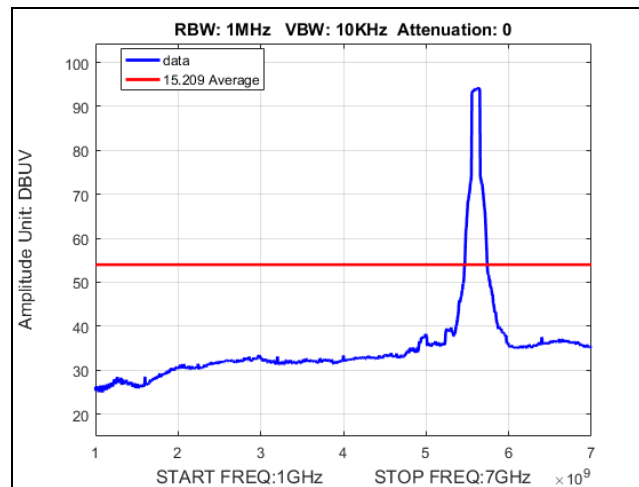
**Plot 808. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 80M, 5600M**



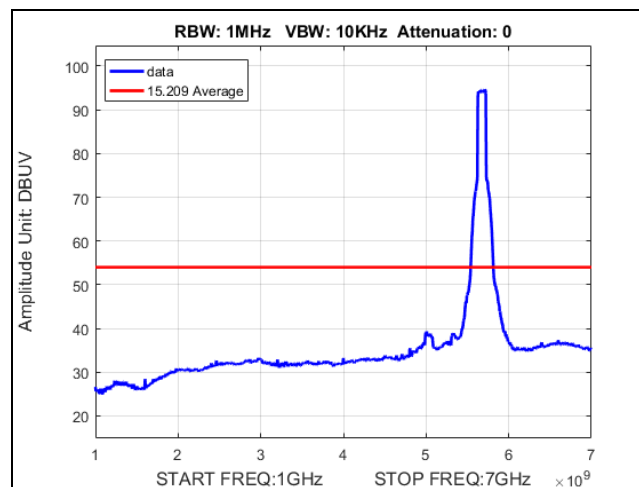
**Plot 809. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 80M, 5685M**



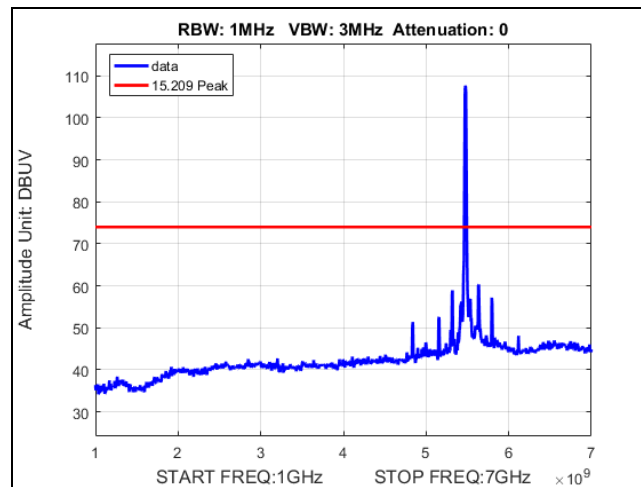
**Plot 810. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 100M, 5520M**



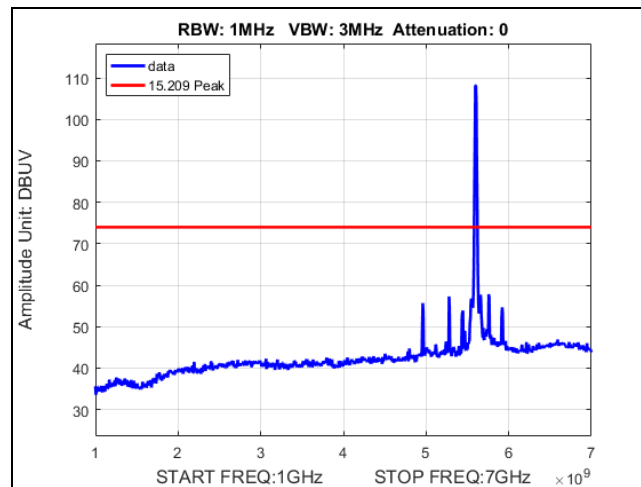
**Plot 811. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 100M, 5600M**



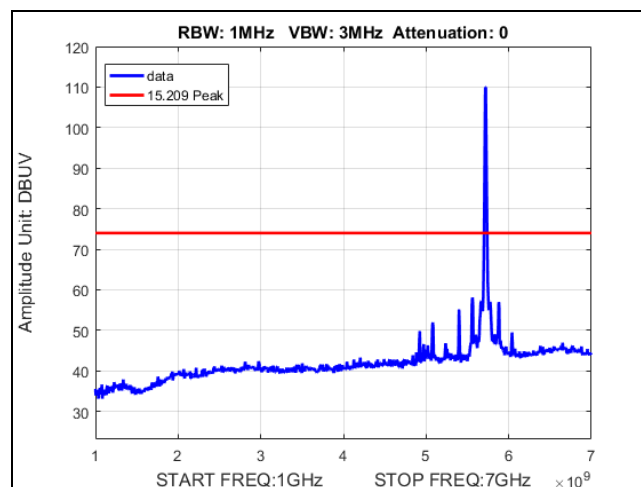
**Plot 812. Undesirable Emissions, UNII 2C, AVG, 13dBi, omni, radiated spurious, 100M, 5675M**



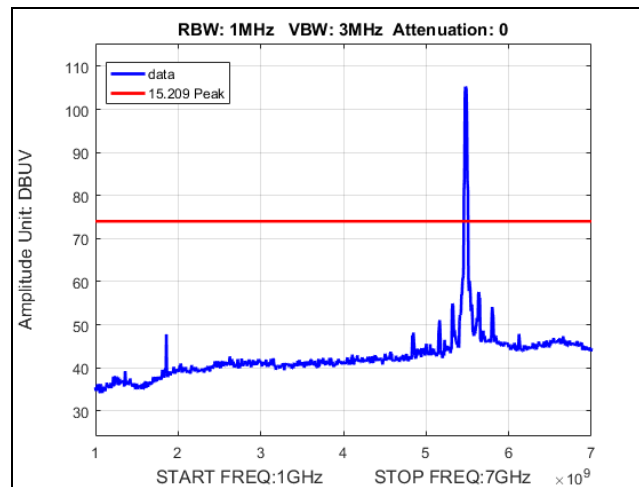
**Plot 813. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 10M, 5475M**



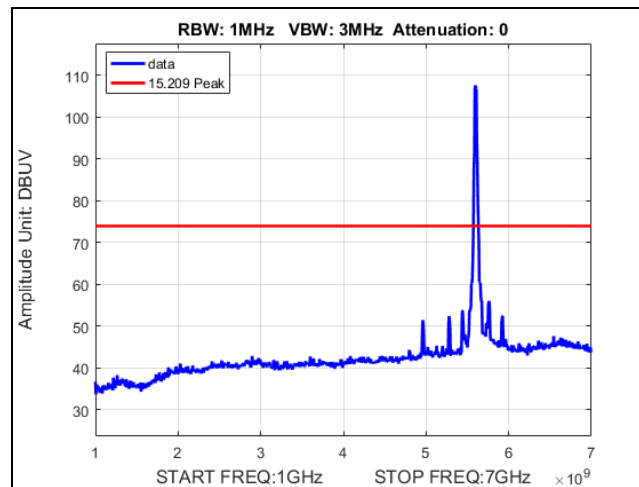
**Plot 814. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 10M, 5600M**



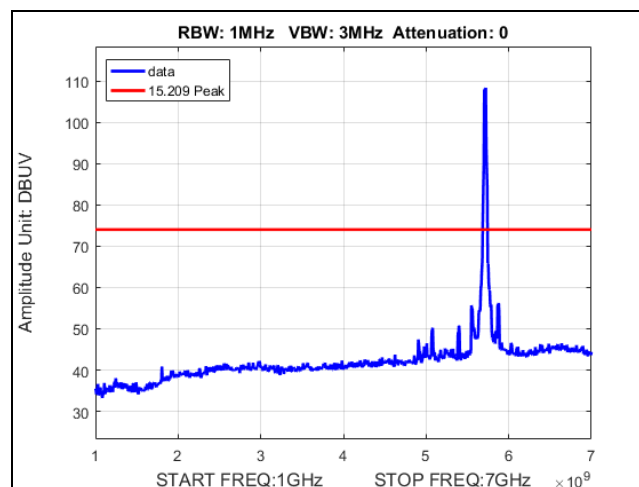
**Plot 815. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 10M, 5720M**



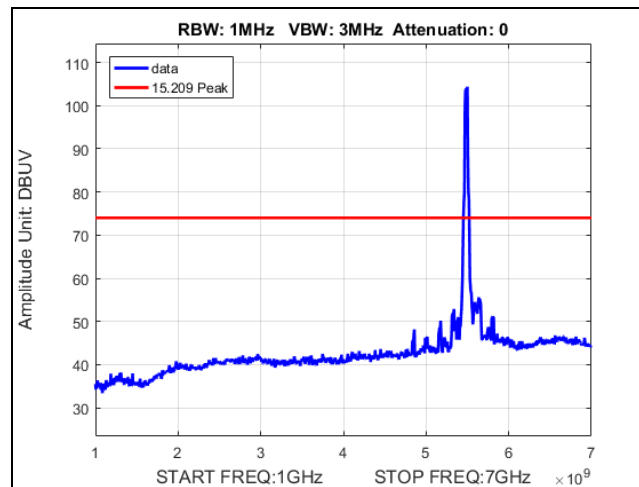
**Plot 816. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 20M, 5480M**



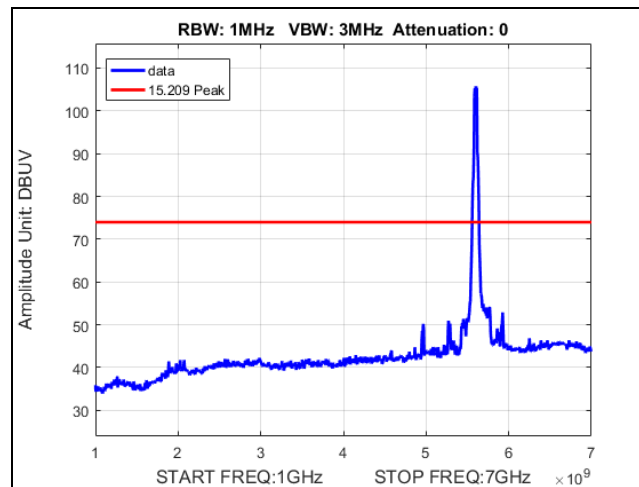
**Plot 817. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 20M, 5600M**



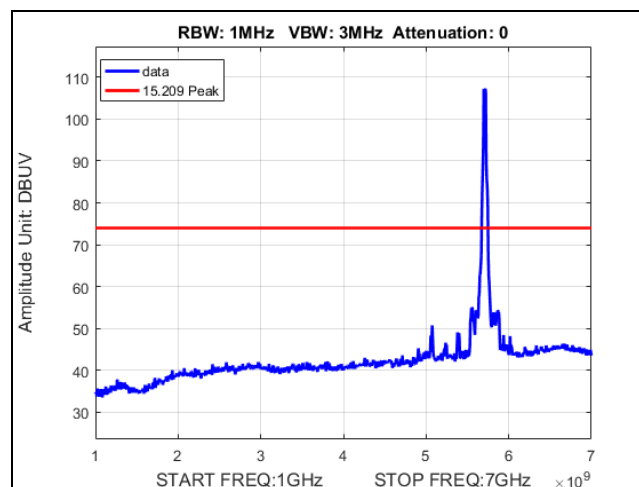
**Plot 818. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 20M, 5715M**



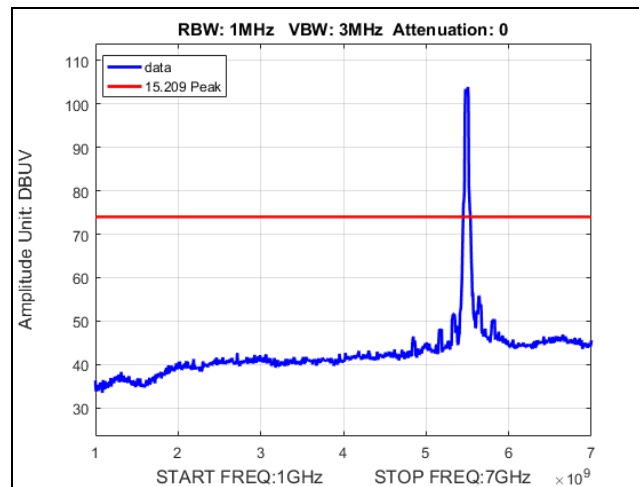
**Plot 819. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 30M, 5485M**



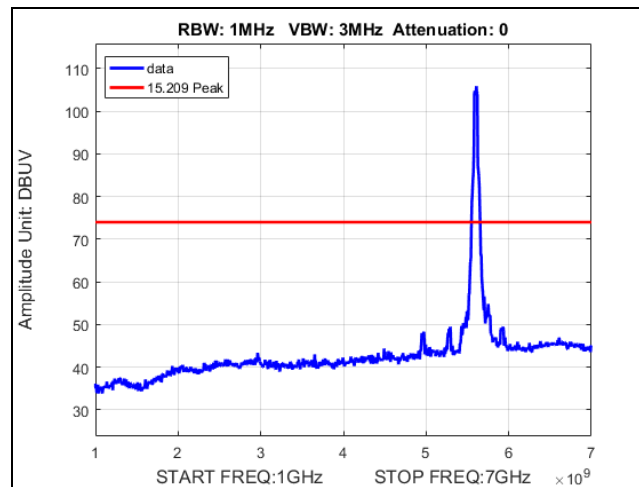
**Plot 820. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 30M, 5600M**



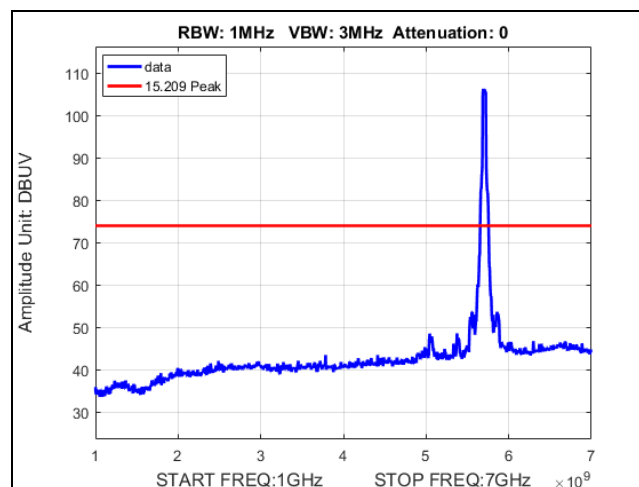
**Plot 821. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 30M, 5710M**



**Plot 822. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 40M, 5490M**

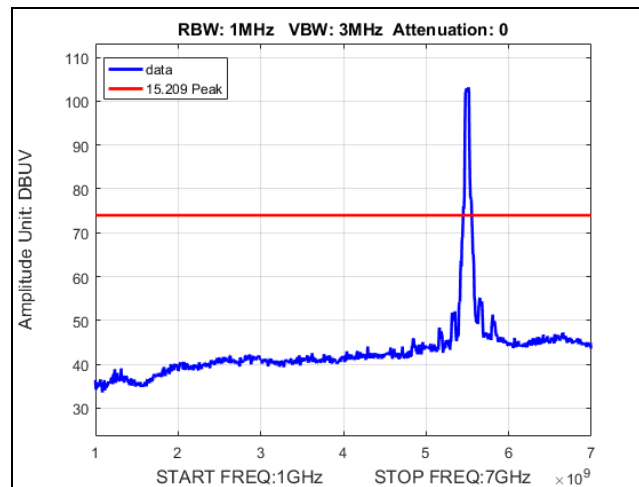


**Plot 823. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 40M, 5600M**

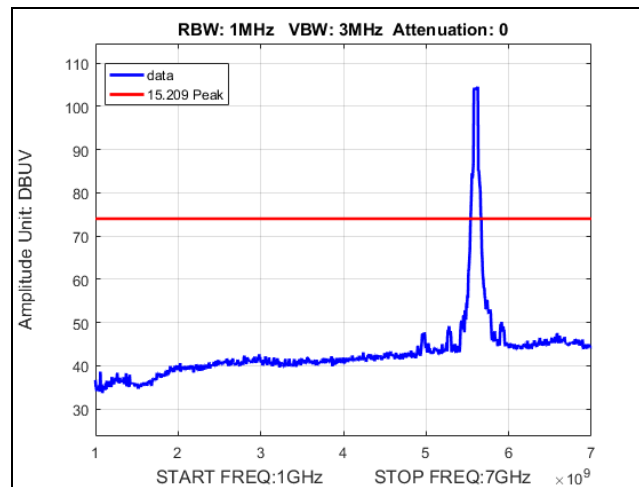


**Plot 824. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 40M, 5705M**

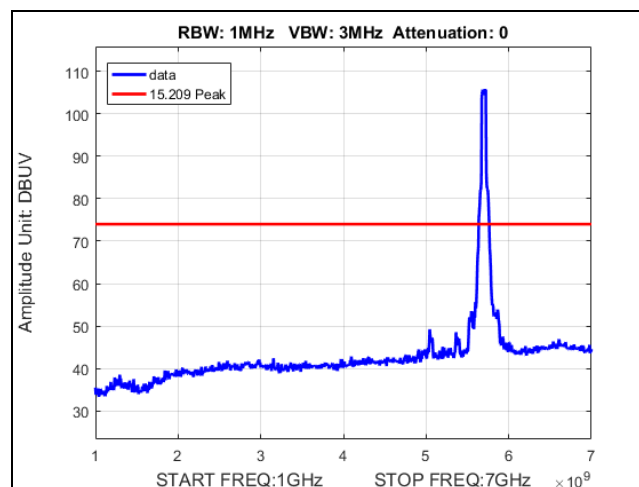




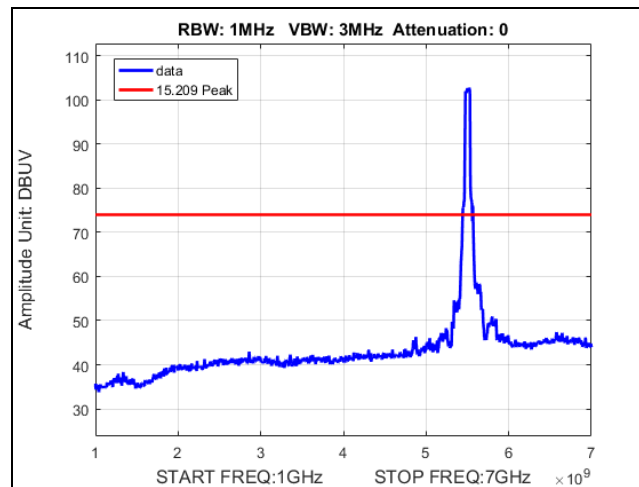
**Plot 825. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 50M, 5495M**



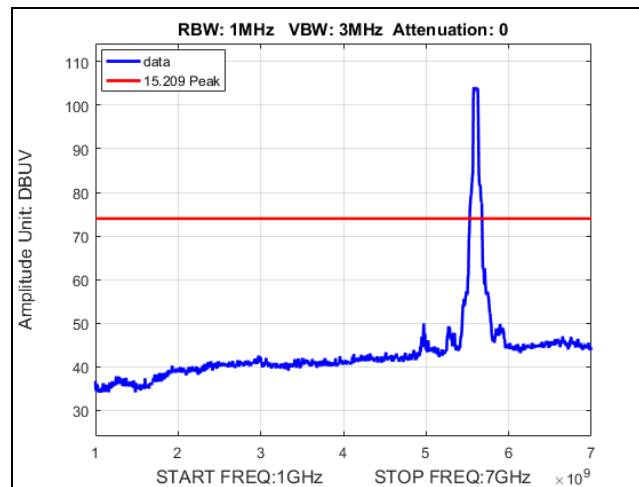
**Plot 826. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 50M, 5600M**



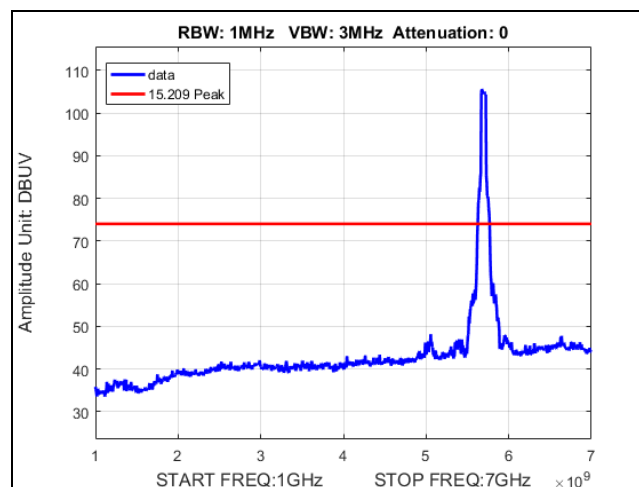
**Plot 827. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 50M, 5700M**



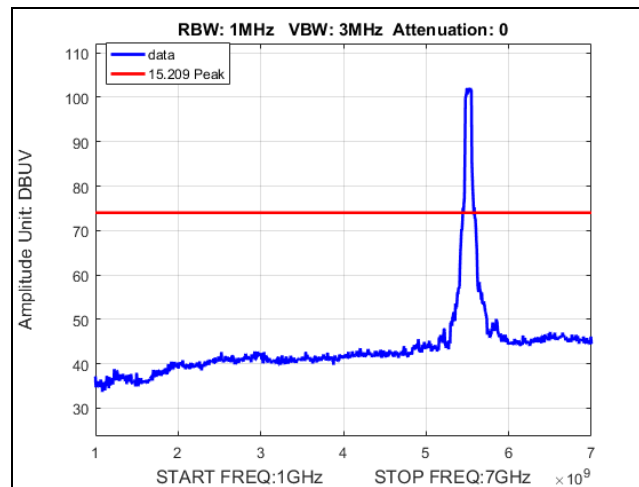
**Plot 828. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 60M, 5500M**



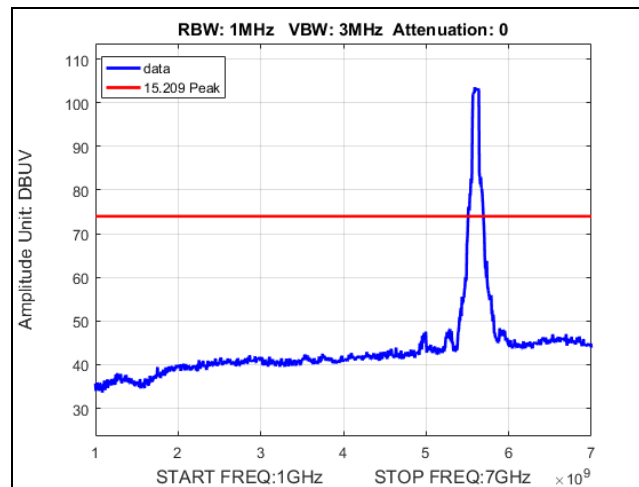
**Plot 829. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 60M, 5600M**



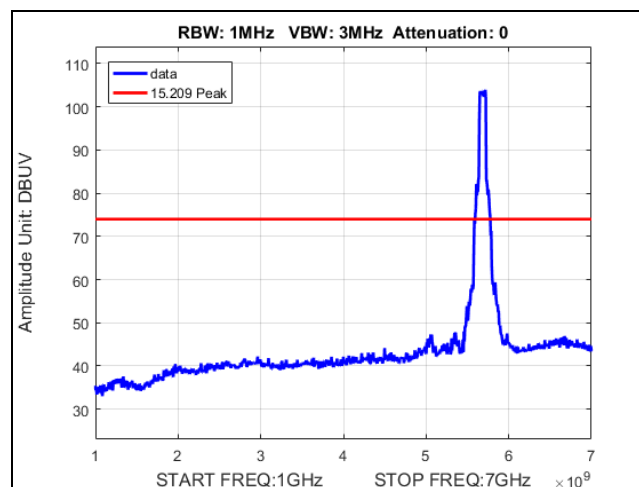
**Plot 830. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 60M, 5695M**



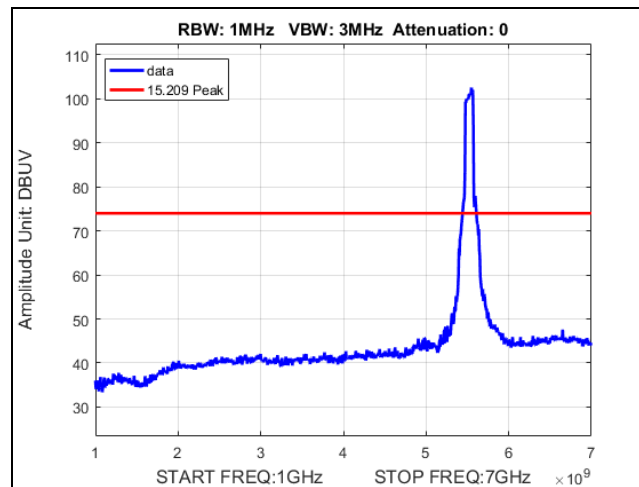
**Plot 831. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 80M, 5510M**



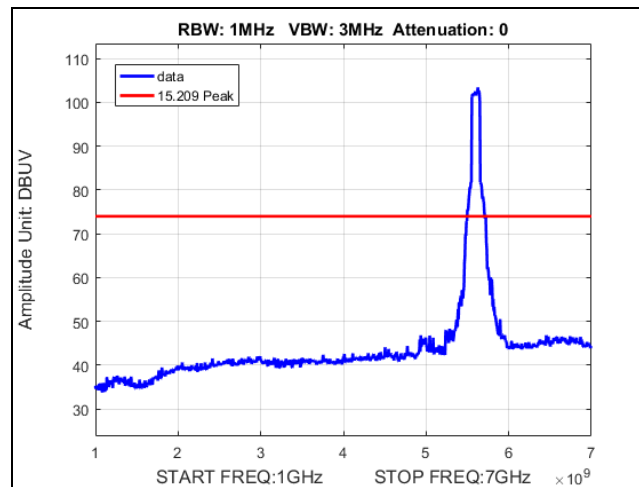
**Plot 832. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 80M, 5600M**



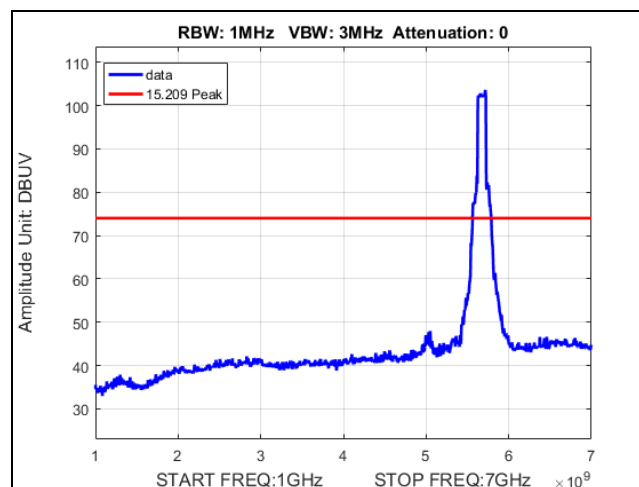
**Plot 833. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 80M, 5685M**



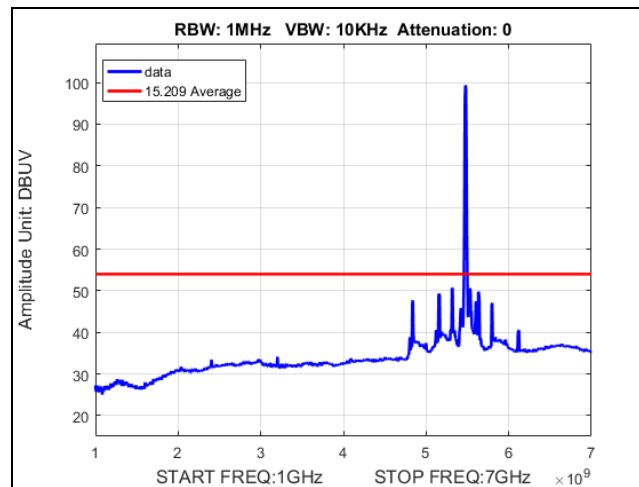
**Plot 834. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 100M, 5520M**



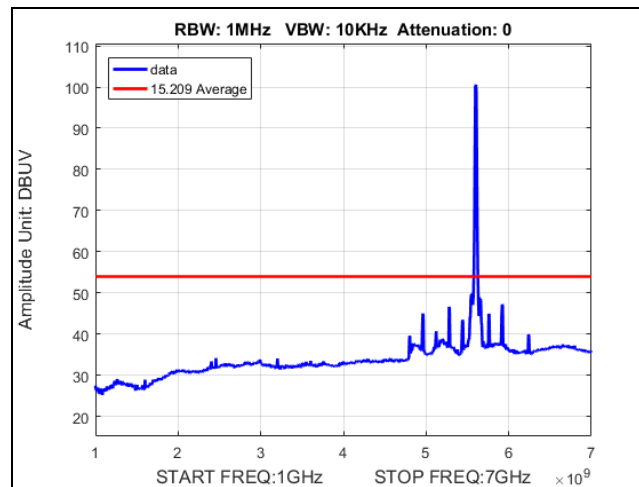
**Plot 835. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 100M, 5600M**



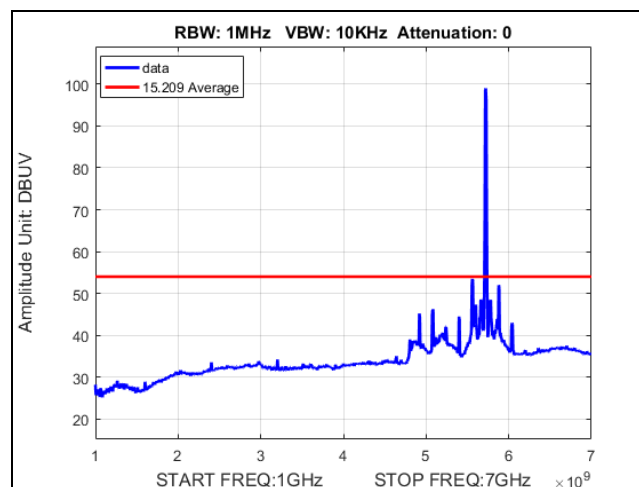
**Plot 836. Undesirable Emissions, UNII 2C, PK, 13dBi, omni, radiated spurious, 100M, 5675M**



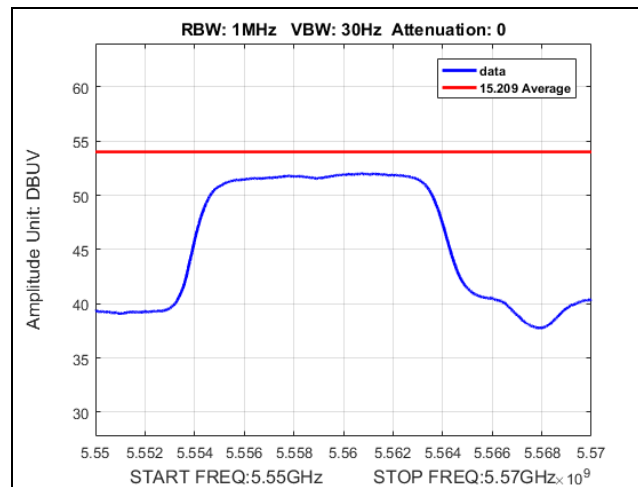
**Plot 837. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 10M, 5475M, 1-7GHz**



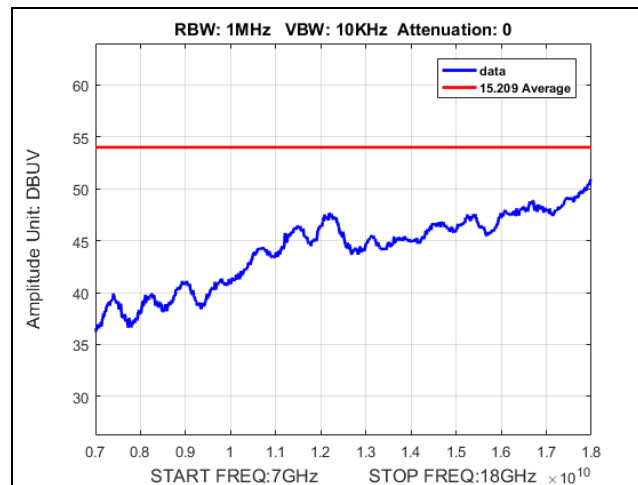
**Plot 838. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 10M, 5600M, 1-7GHz**



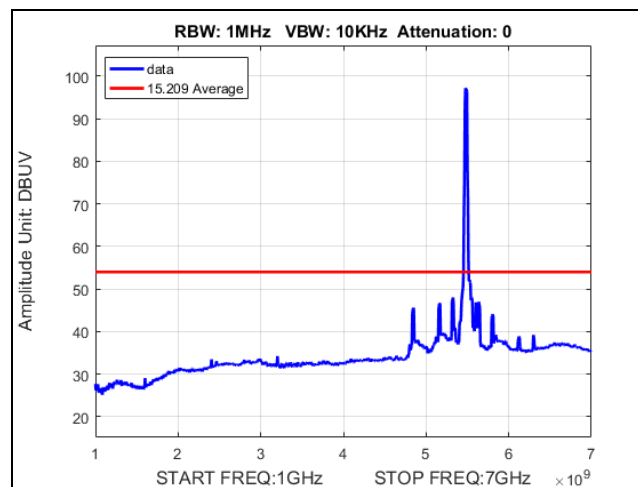
**Plot 839. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 10M, 5720M, 1-7GHz**



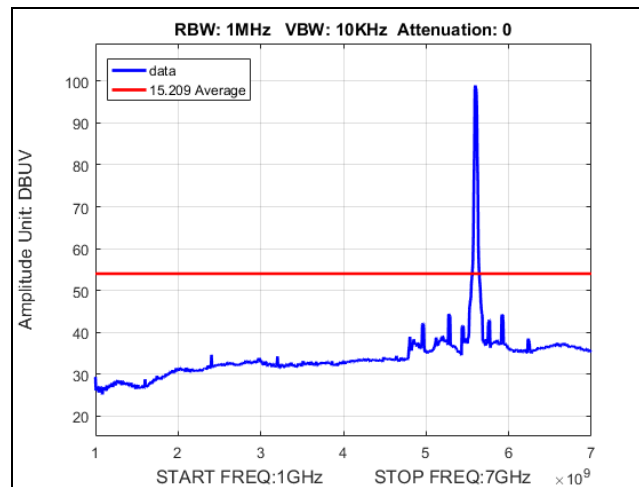
**Plot 840. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 10M, 5720M, 1-7GHz, zoomed in 5560 spur**



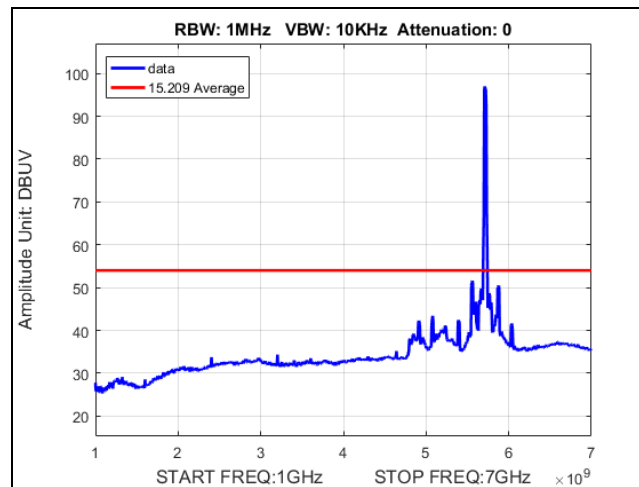
**Plot 841. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, worst case, 7-18GHz**



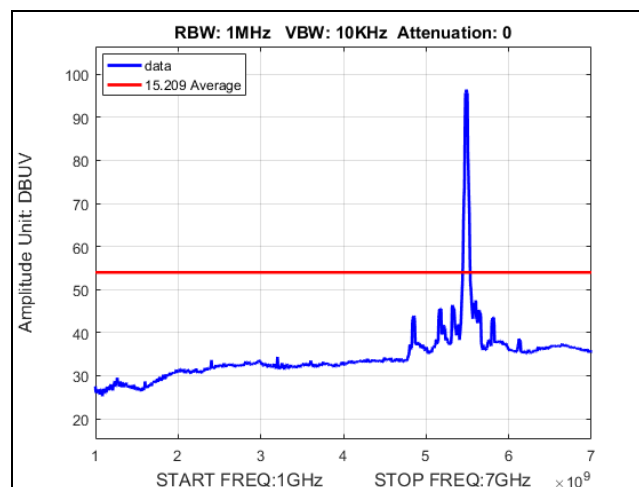
**Plot 842. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 20M, 5480M, 1-7GHz**



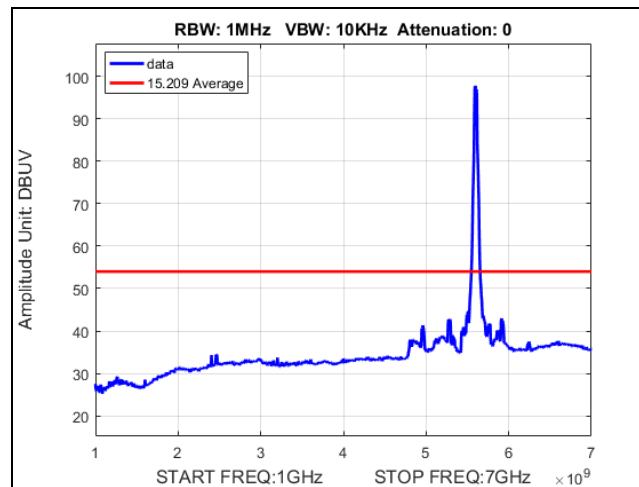
**Plot 843. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 20M, 5600M, 1-7GHz**



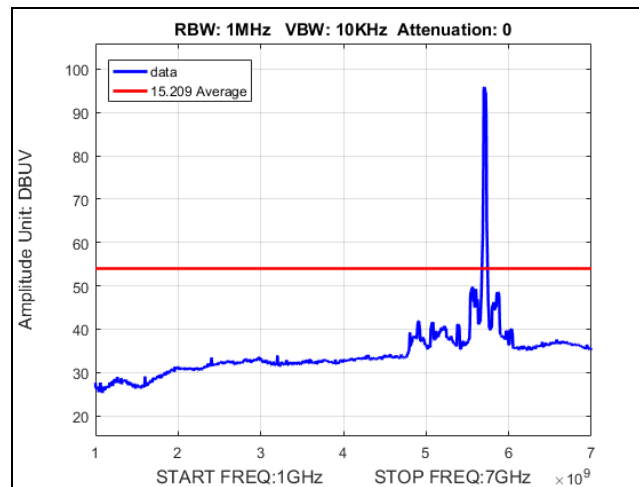
**Plot 844. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 20M, 5715M, 1-7GHz**



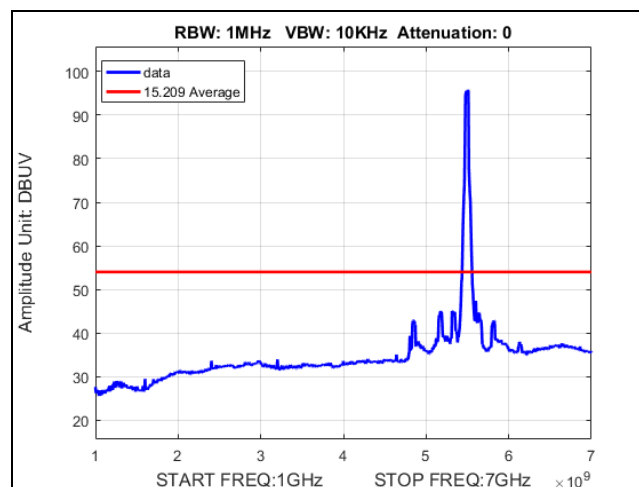
**Plot 845. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 30M, 5485M, 1-7GHz**



**Plot 846. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 30M, 5600M, 1-7GHz**

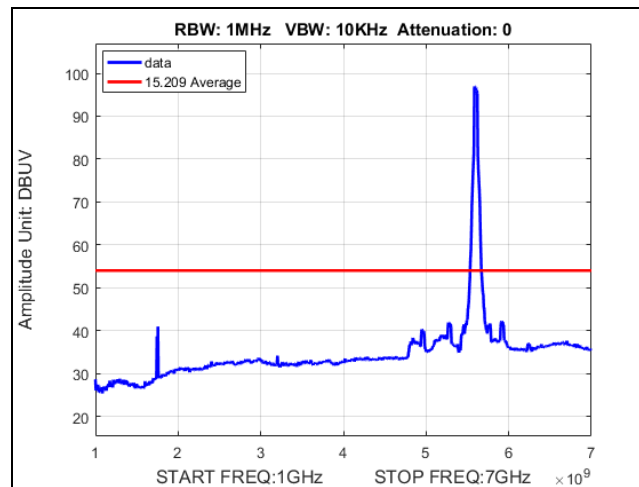


**Plot 847. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 30M, 5710M, 1-7GHz**

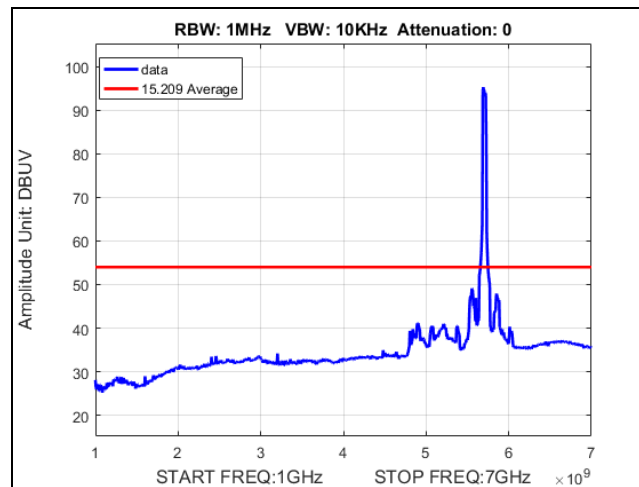


**Plot 848. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 40M, 5490M, 1-7GHz**

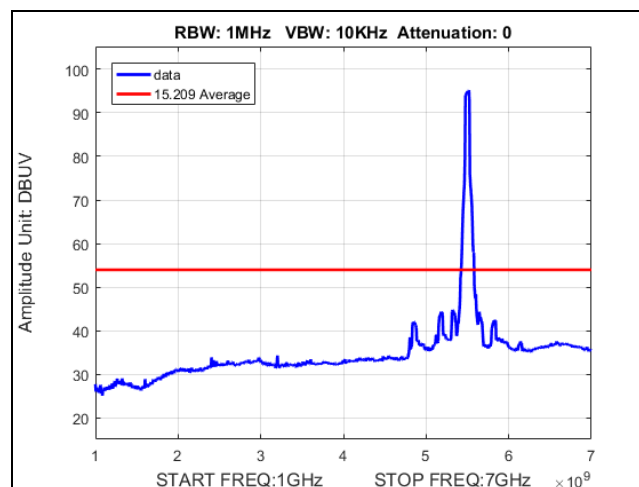




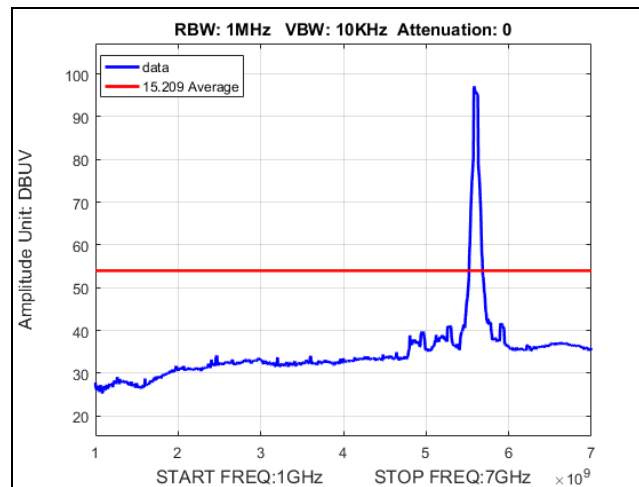
**Plot 849. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 40M, 5600M, 1-7GHz**



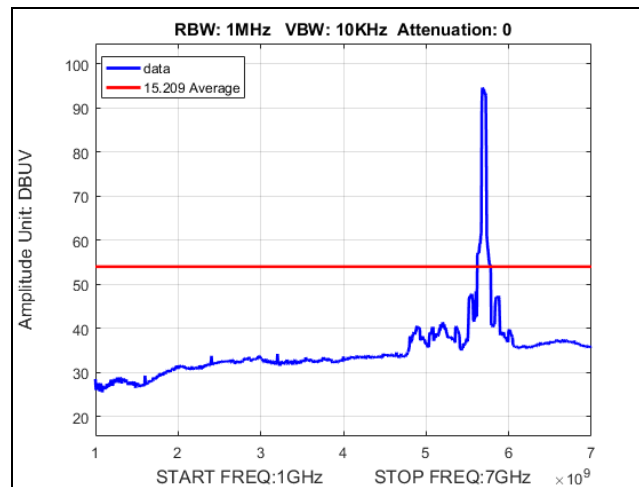
**Plot 850. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 40M, 5705M, 1-7GHz**



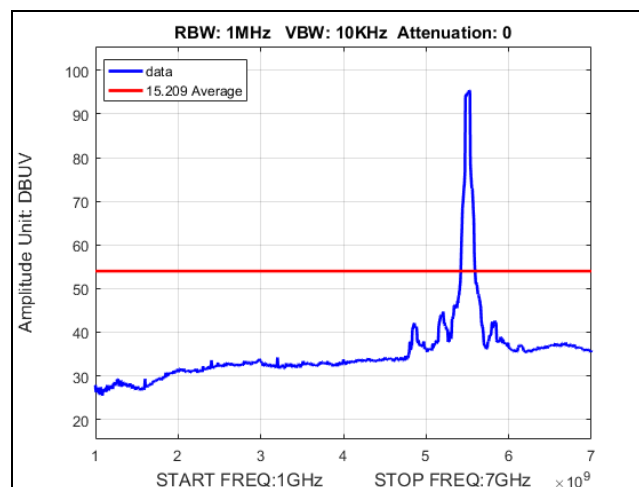
**Plot 851. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 50M, 5495M, 1-7GHz**



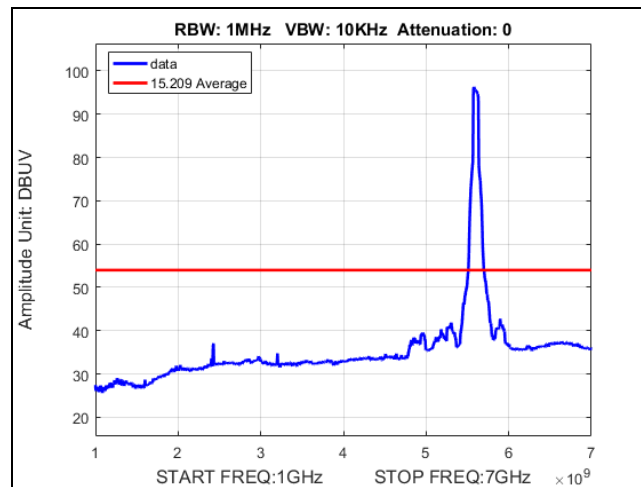
**Plot 852. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 50M, 5600M, 1-7GHz**



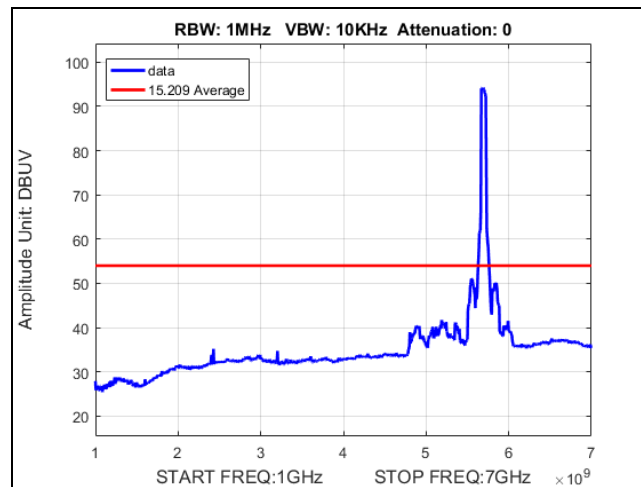
**Plot 853. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 50M, 5700M, 1-7GHz**



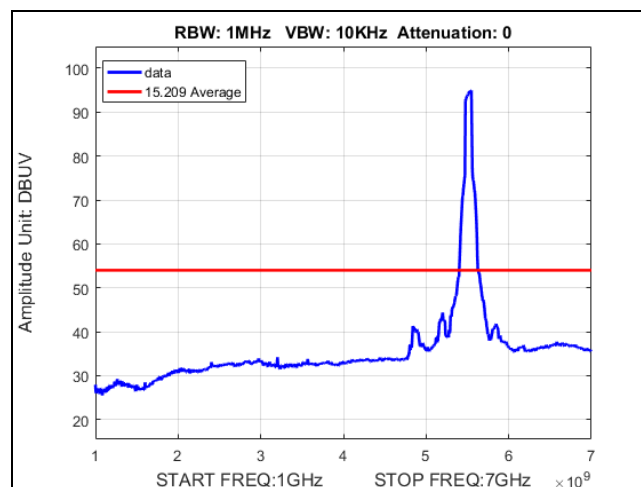
**Plot 854. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 60M, 5500M, 1-7GHz**



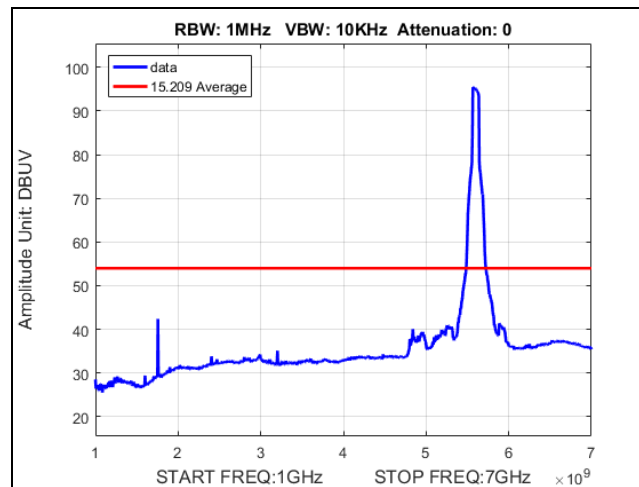
**Plot 855. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 60M, 5600M, 1-7GHz**



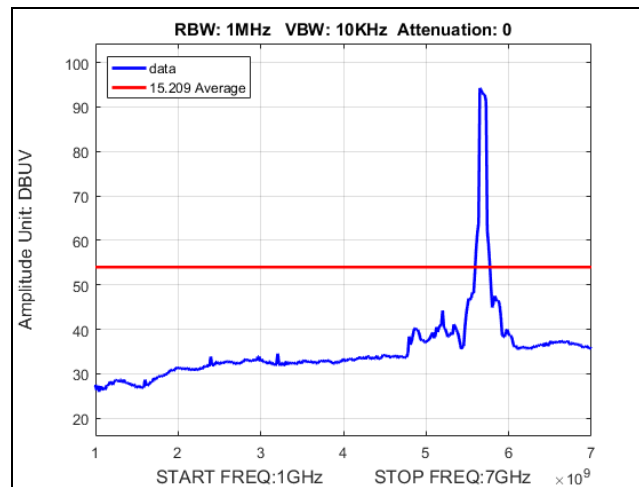
**Plot 856. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 60M, 5695M, 1-7GHz**



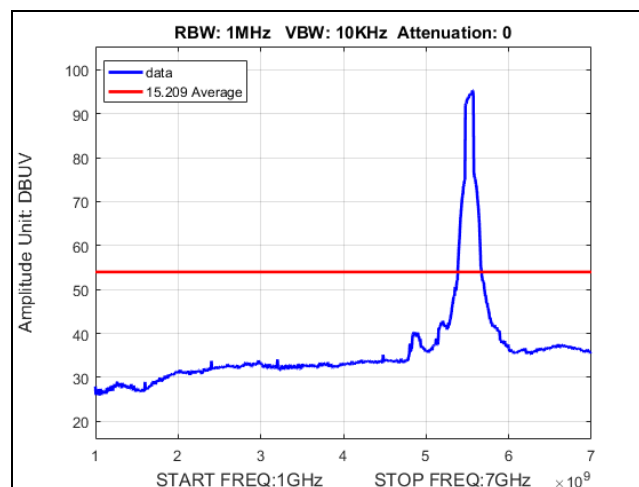
**Plot 857. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 80M, 5510M, 1-7GHz**



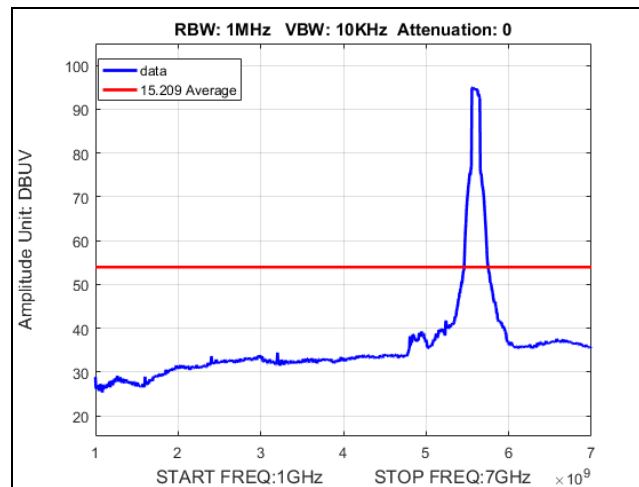
**Plot 858. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 80M, 5600M, 1-7GHz**



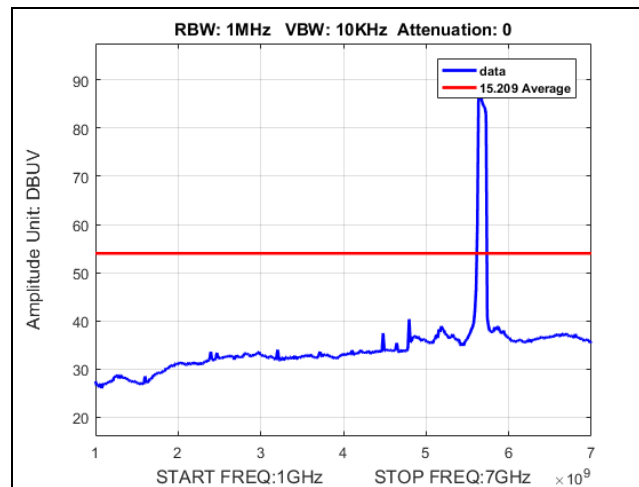
**Plot 859. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 80M, 5685M, 1-7GHz**



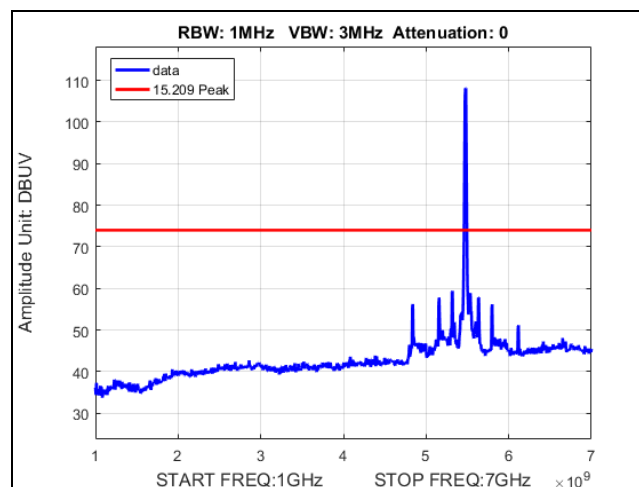
**Plot 860. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 100M, 5520M, 1-7GHz**



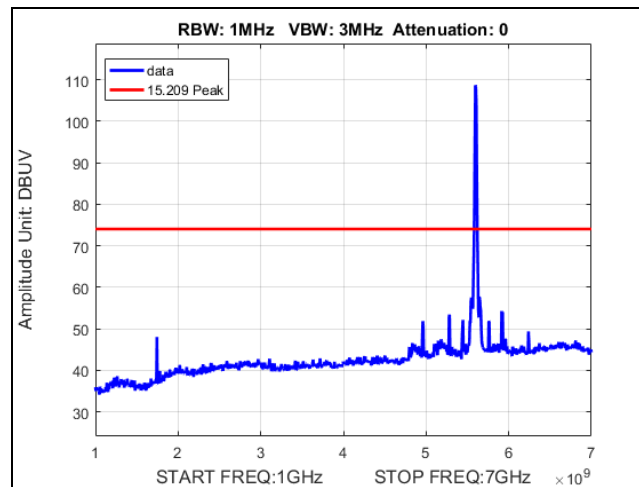
**Plot 861. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 100M, 5600M, 1-7GHz**



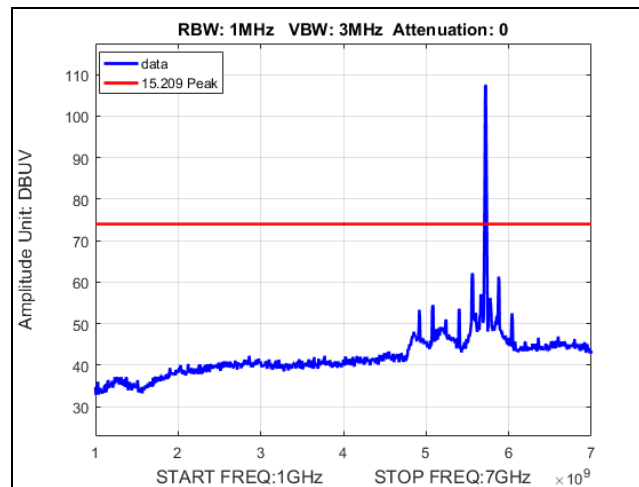
**Plot 862. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 22dBi sector, 100M, 5675M, 1-7GHz**



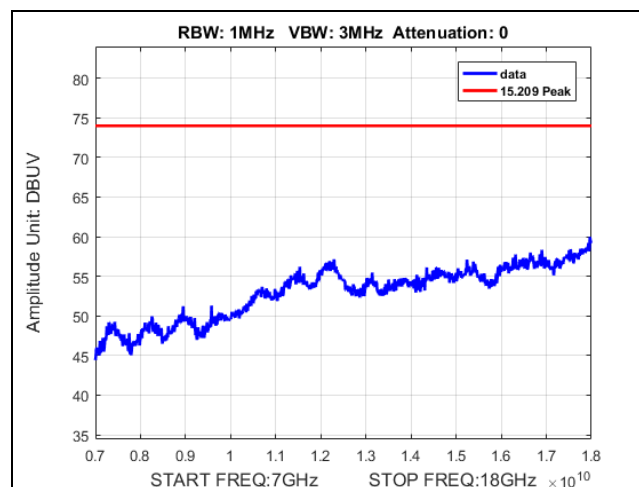
**Plot 863. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 10M, 5475M, 1-7GHz**



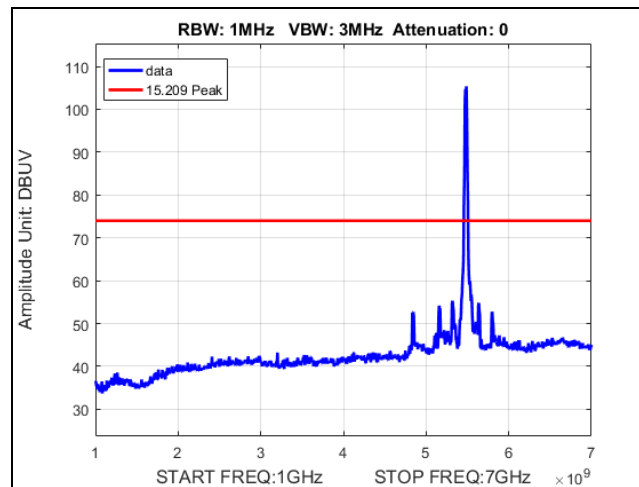
**Plot 864. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 10M, 5600M, 1-7GHz**



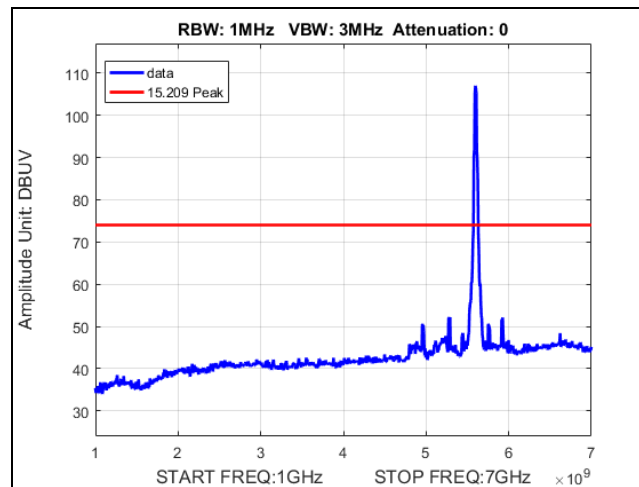
**Plot 865. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 10M, 5720M, 1-7GHz**



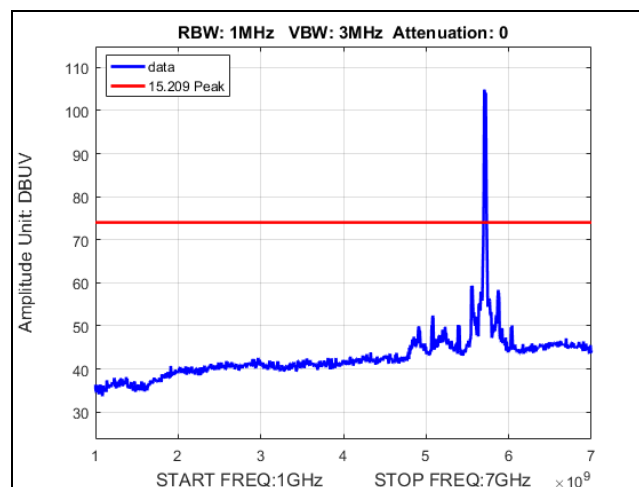
**Plot 866. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, worst case, 7-18GHz**



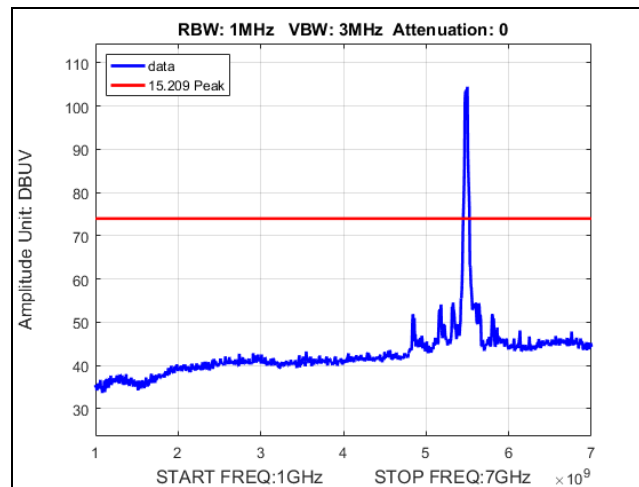
**Plot 867. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 20M, 5480M, 1-7GHz**



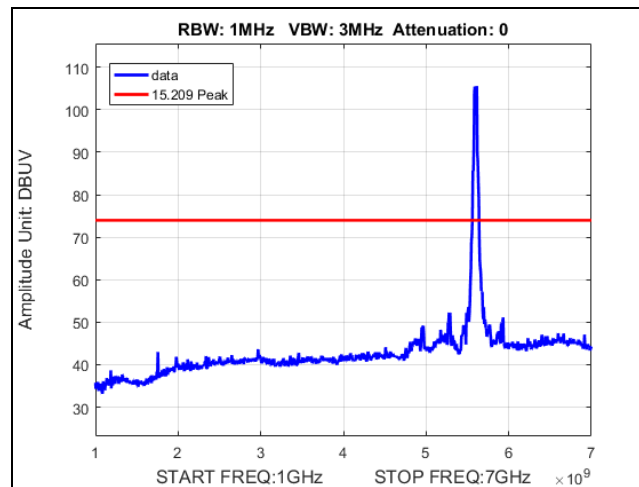
**Plot 868. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 20M, 5600M, 1-7GHz**



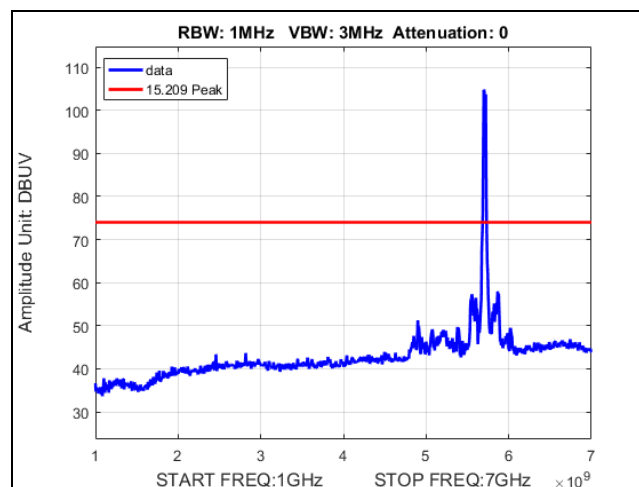
**Plot 869. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 20M, 5715M, 1-7GHz**



**Plot 870. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 30M, 5485M, 1-7GHz**

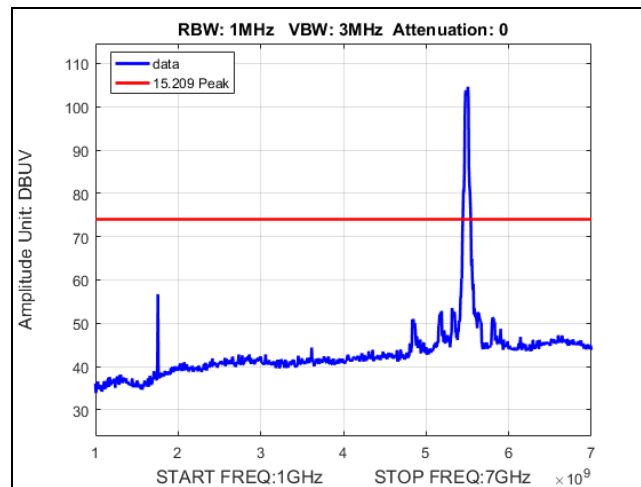


**Plot 871. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 30M, 5600M, 1-7GHz**

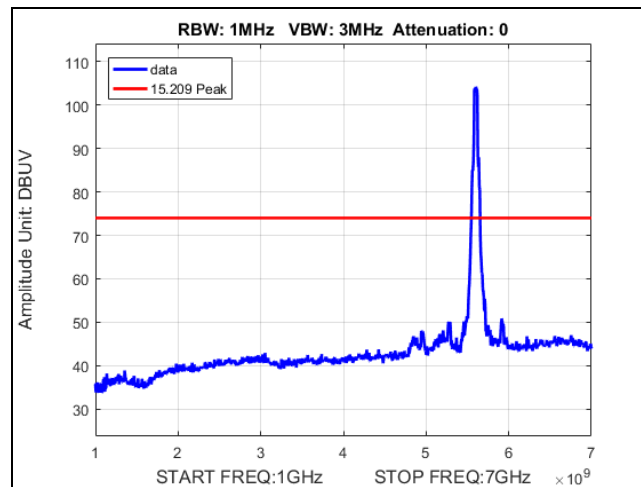


**Plot 872. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 30M, 5710M, 1-7GHz**

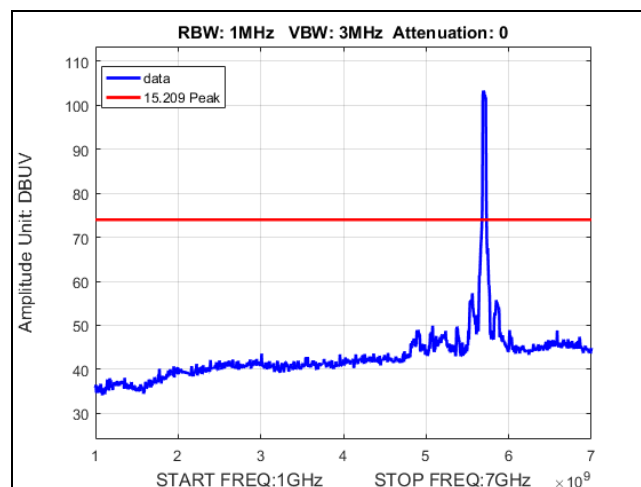




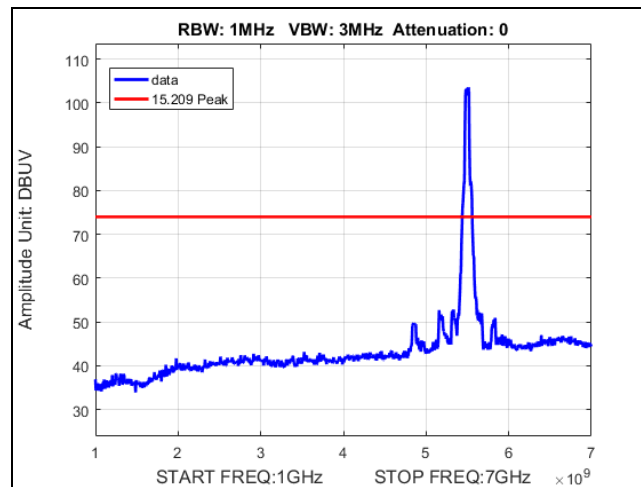
**Plot 873. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 40M, 5490M, 1-7GHz**



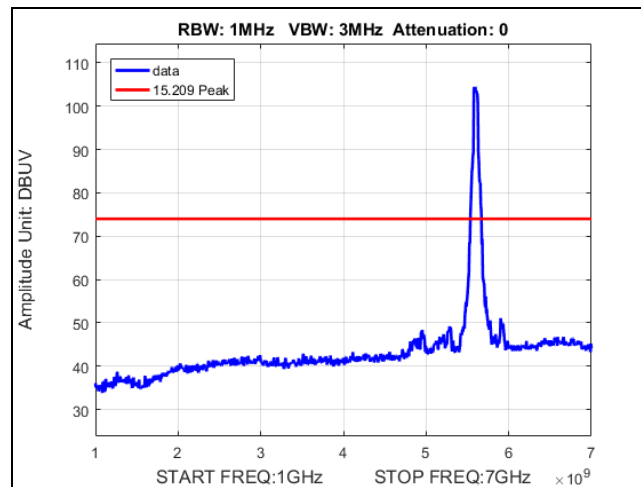
**Plot 874. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 40M, 5600M, 1-7GHz**



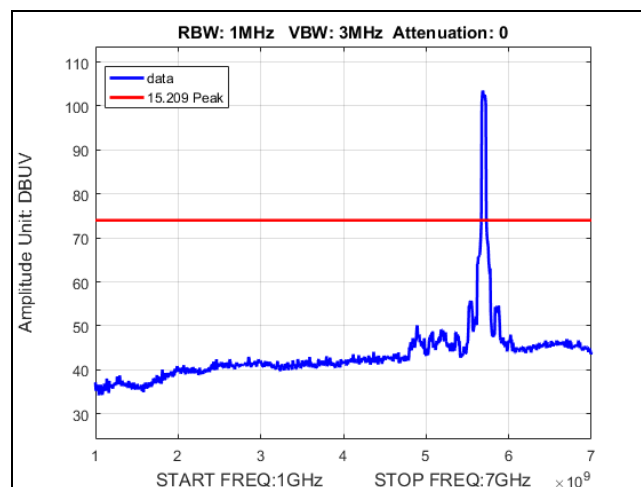
**Plot 875. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 40M, 5705M, 1-7GHz**



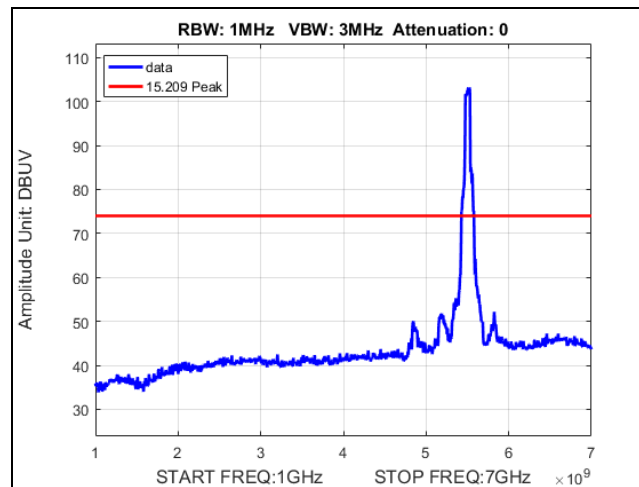
**Plot 876. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 50M, 5495M, 1-7GHz**



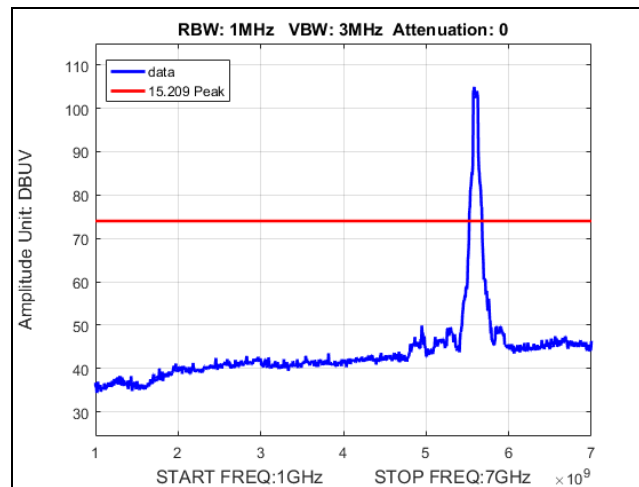
**Plot 877. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 50M, 5600M, 1-7GHz**



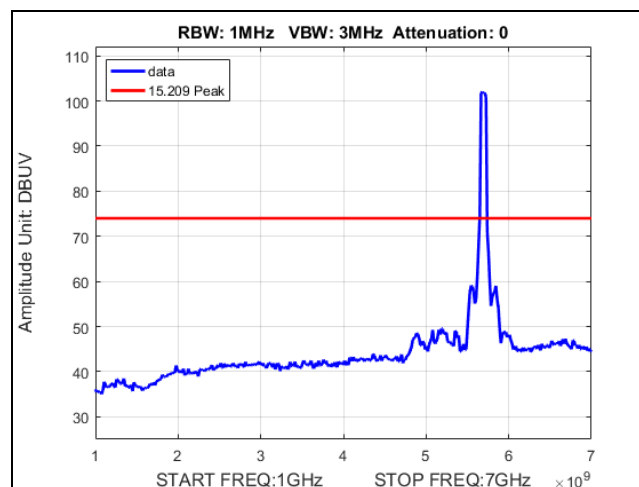
**Plot 878. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 50M, 5700M, 1-7GHz**



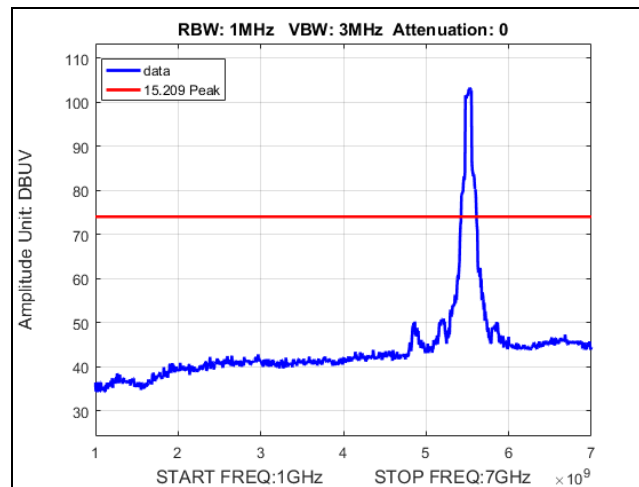
**Plot 879. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 60M, 5500M, 1-7GHz**



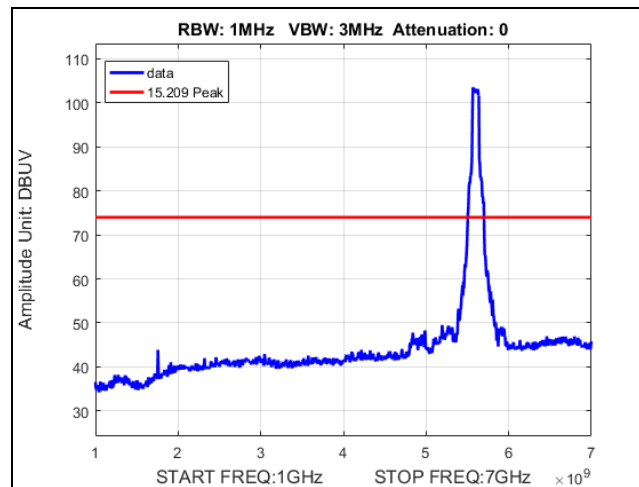
**Plot 880. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 60M, 5600M, 1-7GHz**



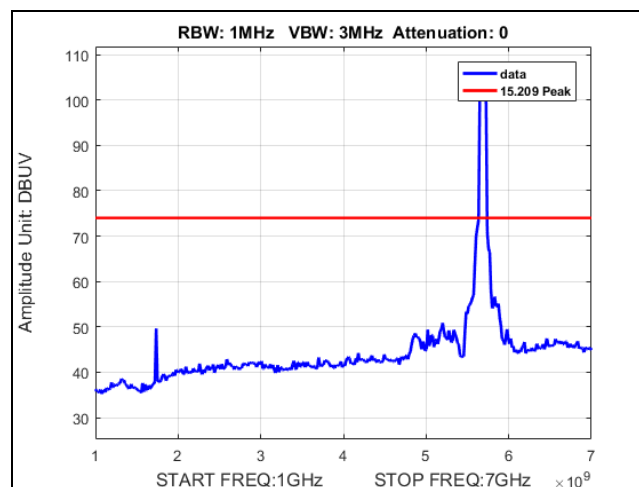
**Plot 881. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 60M, 5695M, 1-7GHz**



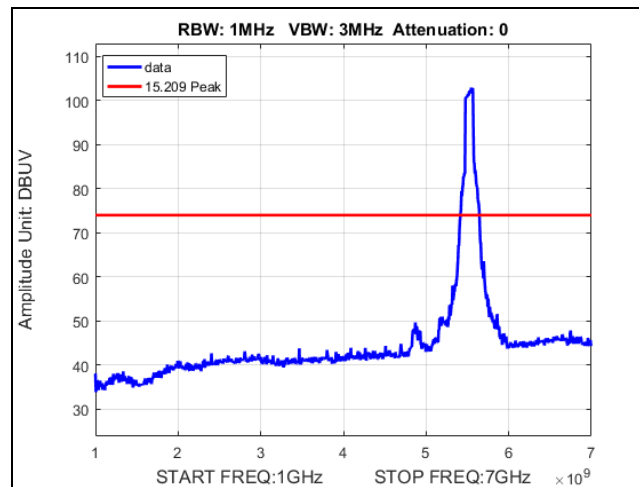
**Plot 882. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 80M, 5510M, 1-7GHz**



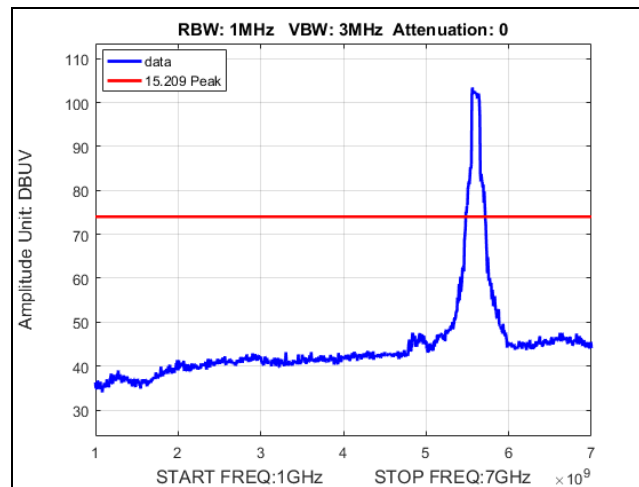
**Plot 883. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 80M, 5600M, 1-7GHz**



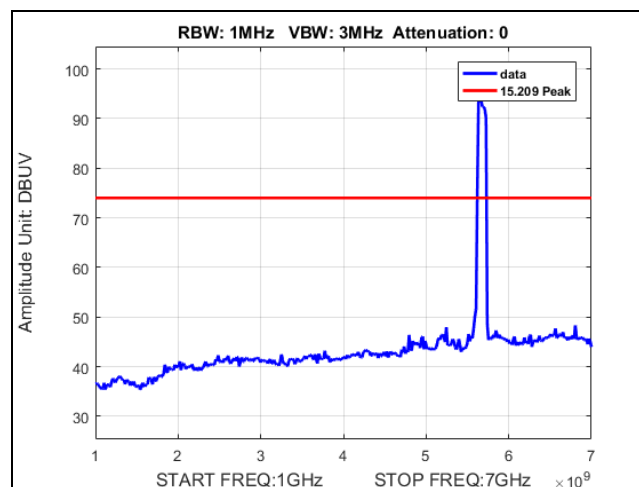
**Plot 884. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 80M, 5685M, 1-7GHz**



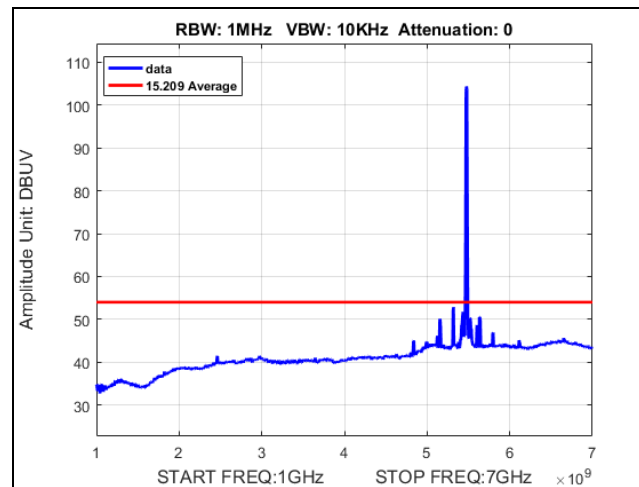
Plot 885. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 100M, 5520M, 1-7GHz



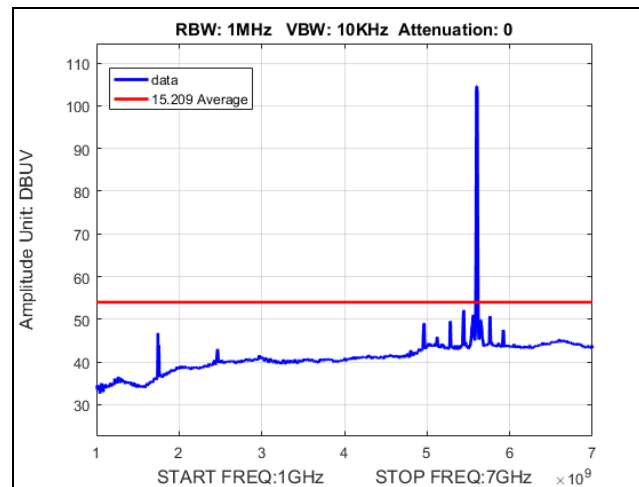
Plot 886. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 100M, 5600M, 1-7GHz



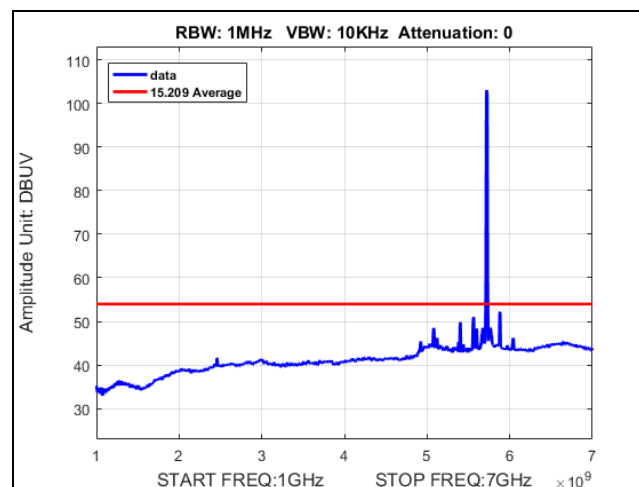
Plot 887. Undesirable Emissions, UNII 2C, PK, radiated spurious, 22dBi sector, 100M, 5675M, 1-7GHz



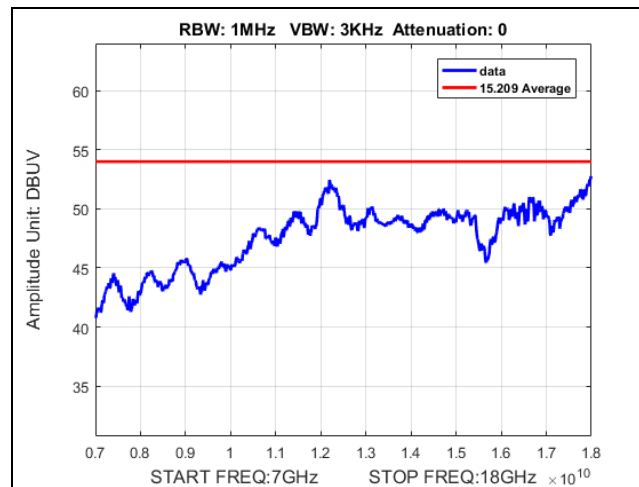
**Plot 888. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 10M, 5475M, 1-7GHz**



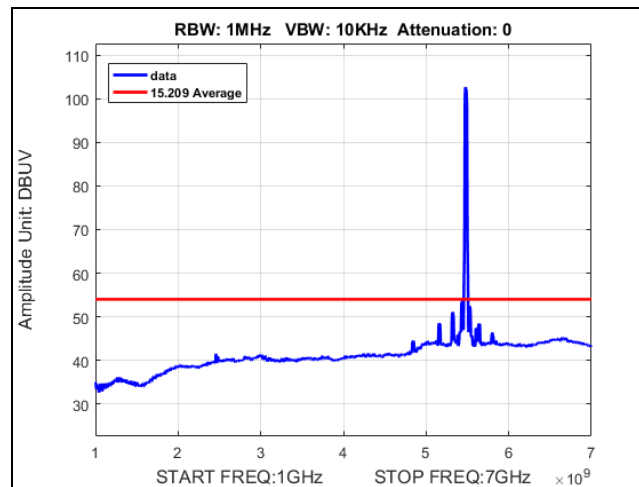
**Plot 889. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 10M, 5600M, 1-7GHz**



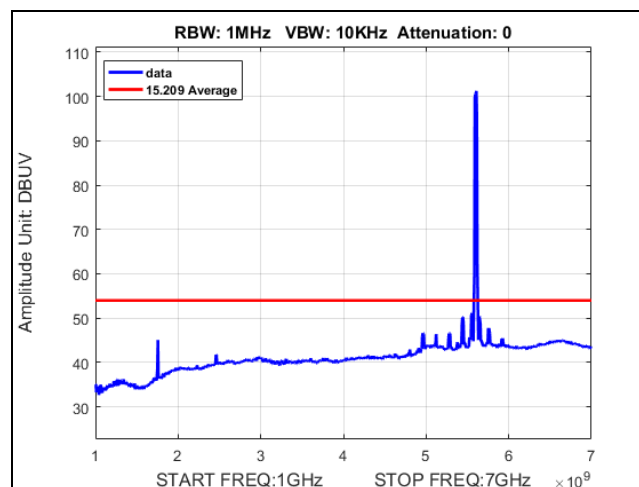
**Plot 890. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 10M, 5720M, 1-7GHz**



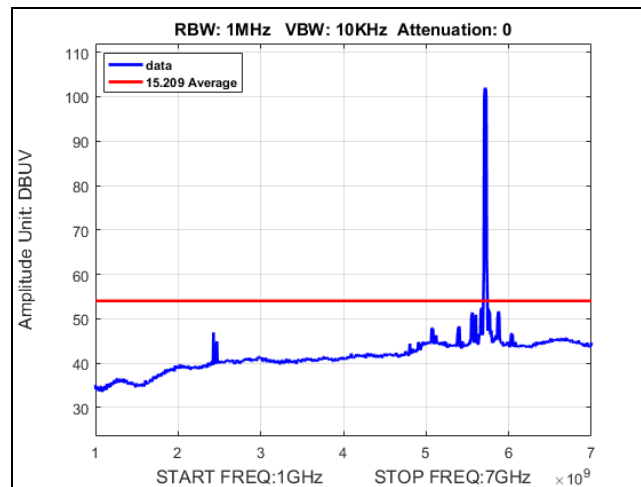
**Plot 891. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, worst case, 7-18GHz**



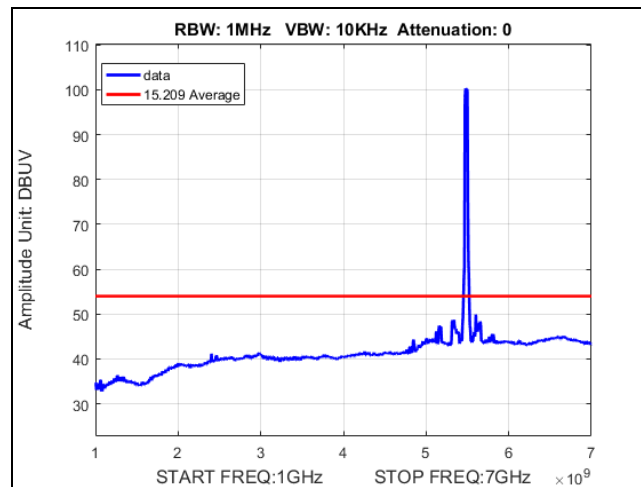
**Plot 892. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 20M, 5480M, 1-7GHz**



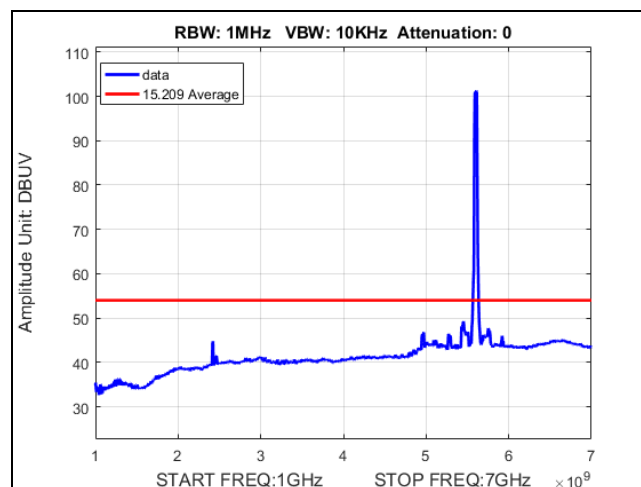
**Plot 893. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 20M, 5600M, 1-7GHz**



**Plot 894. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 20M, 5715M, 1-7GHz**

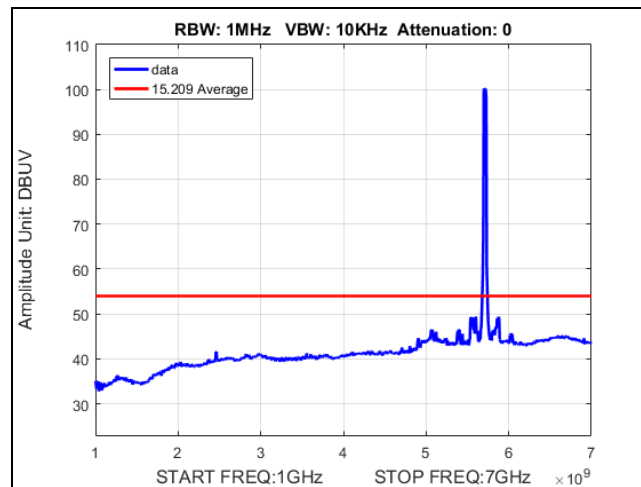


**Plot 895. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 30M, 5485M, 1-7GHz**

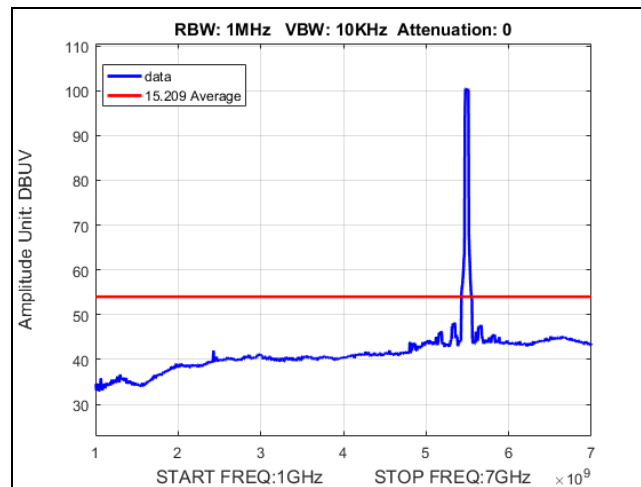


**Plot 896. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 30M, 5600M, 1-7GHz**

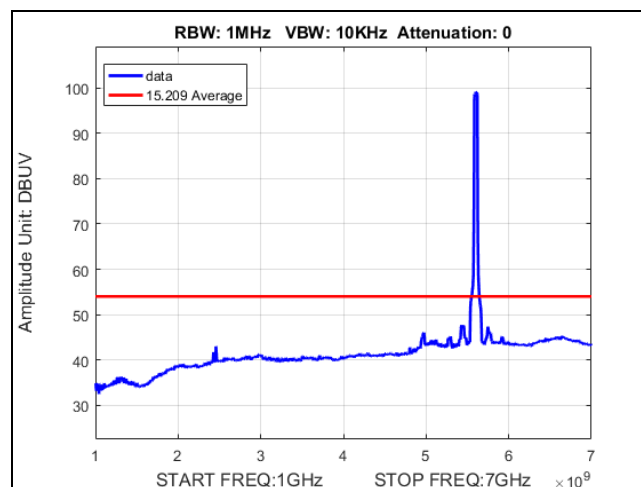




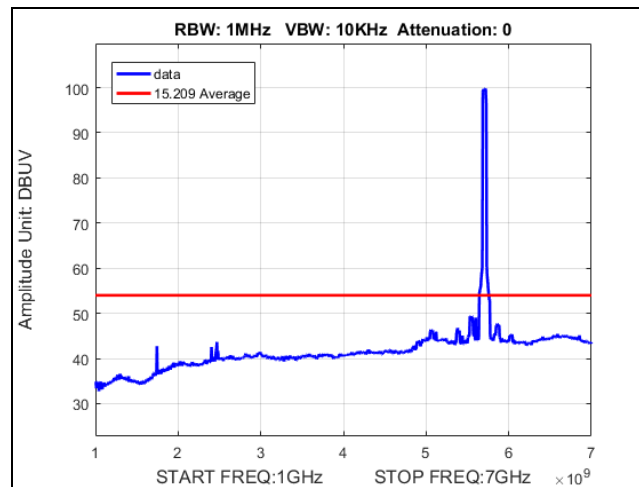
**Plot 897. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 30M, 5710M, 1-7GHz**



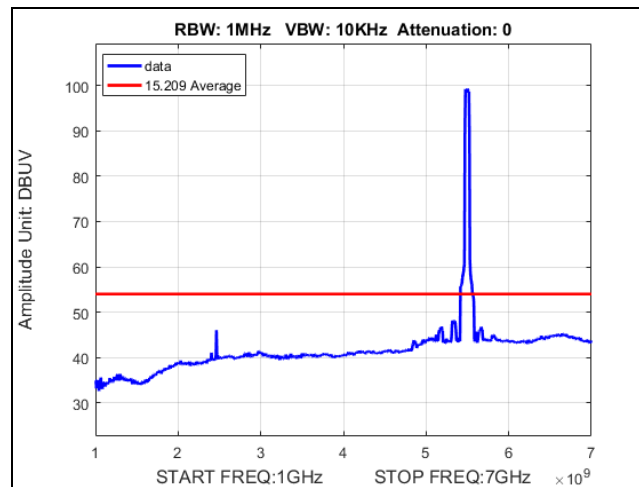
**Plot 898. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 40M, 5490M, 1-7GHz**



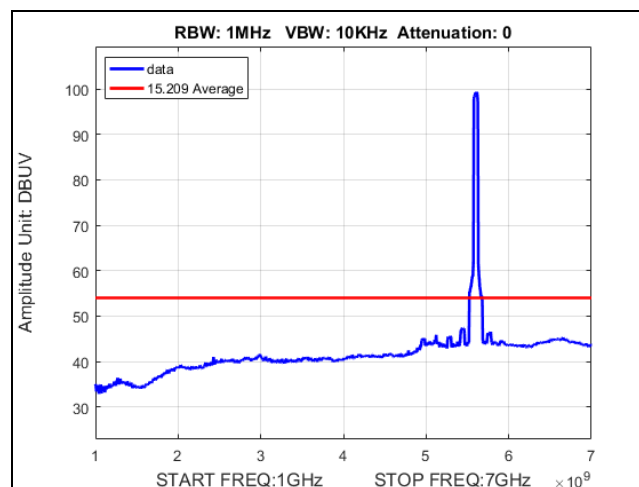
**Plot 899. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 40M, 5600M, 1-7GHz**



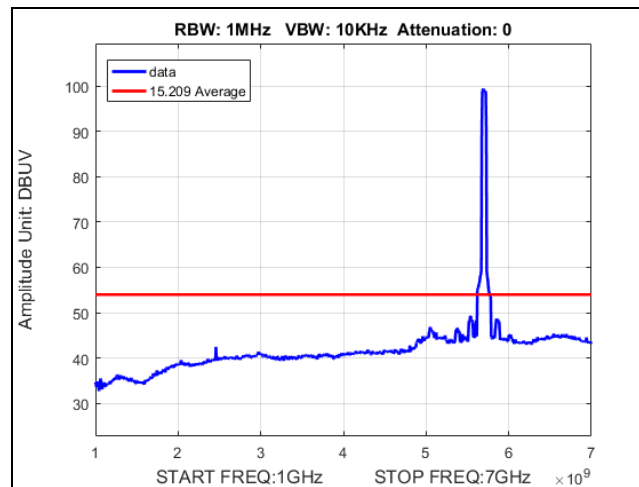
**Plot 900. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 40M, 5705M, 1-7GHz**



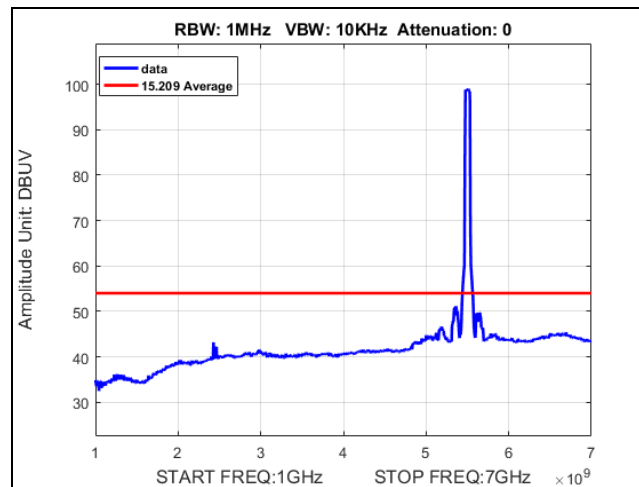
**Plot 901. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 50M, 5495M, 1-7GHz**



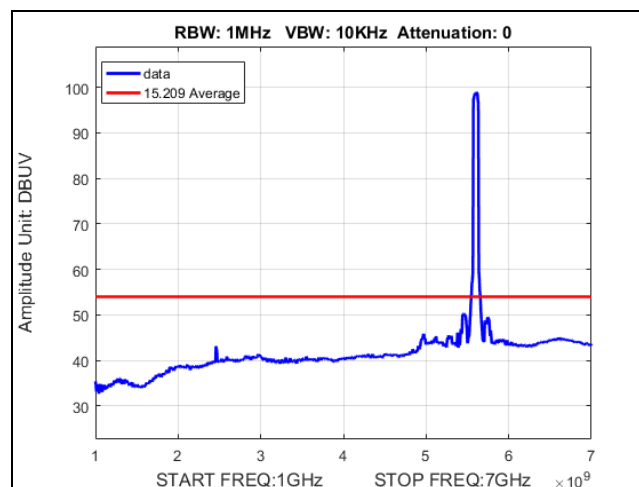
**Plot 902. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 50M, 5600M, 1-7GHz**



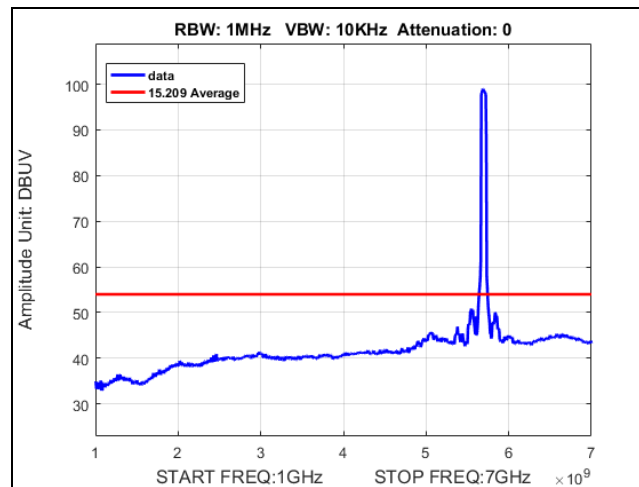
**Plot 903. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 50M, 5700M, 1-7GHz**



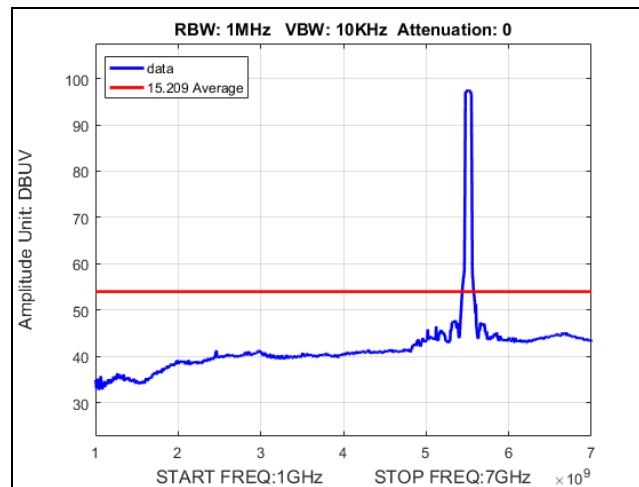
**Plot 904. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 60M, 5500M, 1-7GHz**



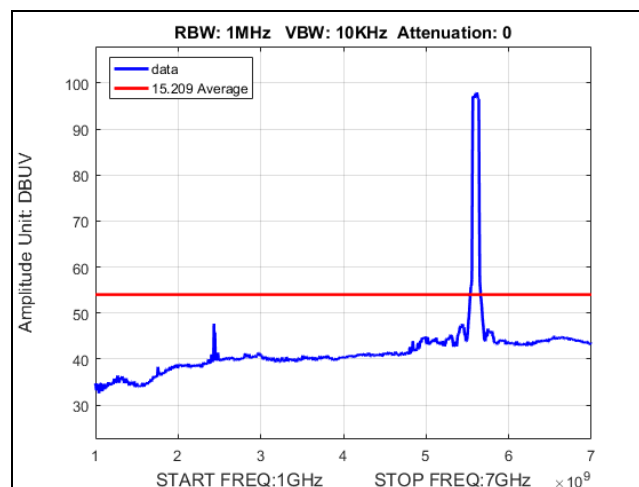
**Plot 905. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 60M, 5600M, 1-7GHz**



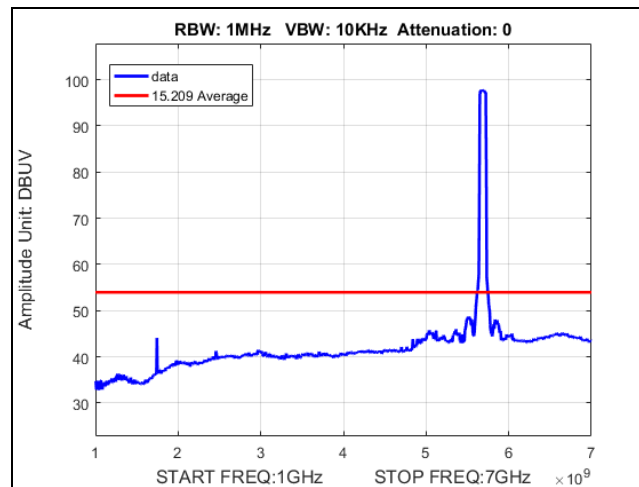
**Plot 906. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 60M, 5695M, 1-7GHz**



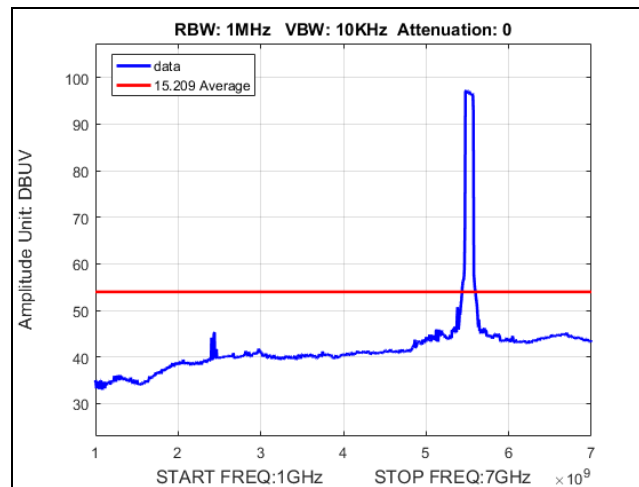
**Plot 907. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 80M, 5510M, 1-7GHz**



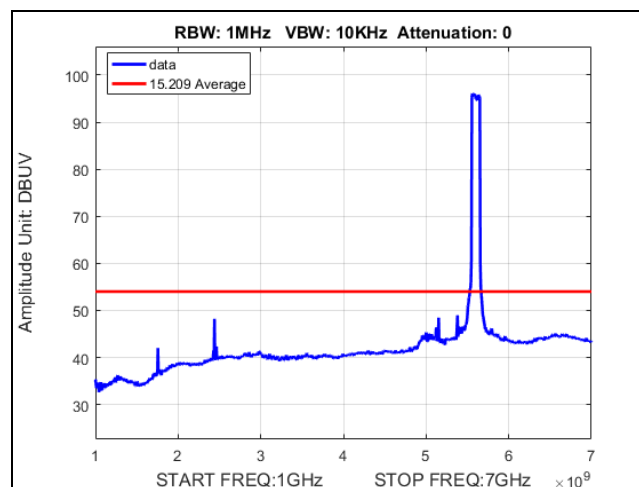
**Plot 908. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 80M, 5600M, 1-7GHz**



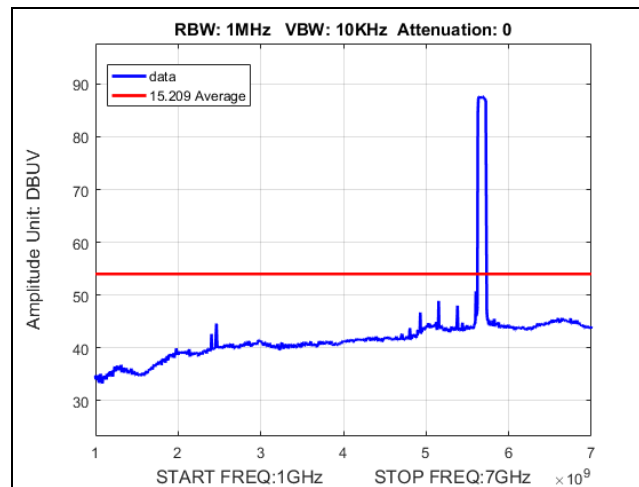
**Plot 909. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 80M, 5685M, 1-7GHz**



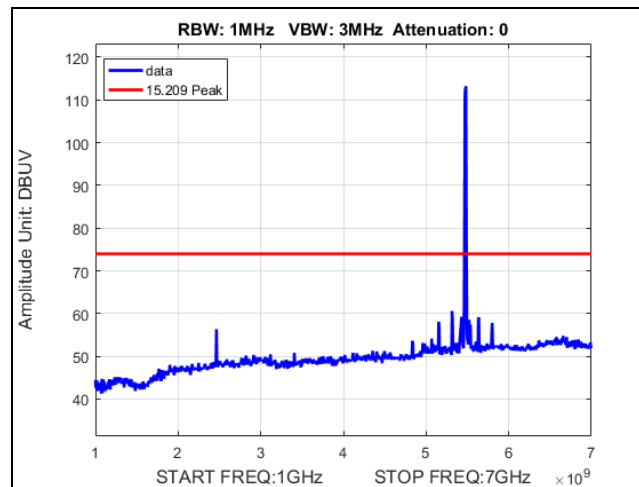
**Plot 910. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 100M, 5520M, 1-7GHz**



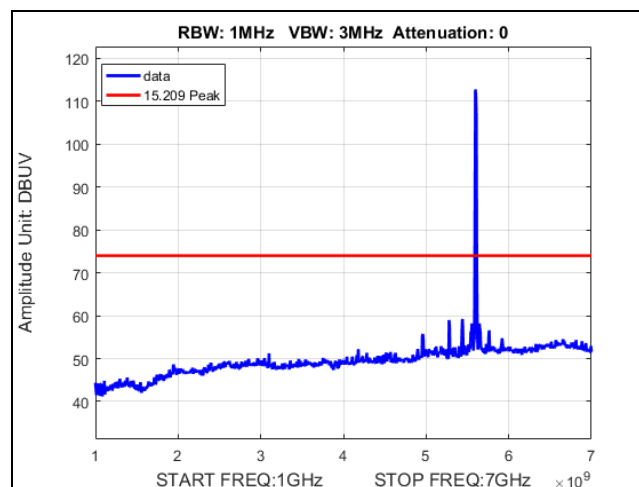
**Plot 911. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 100M, 5600M, 1-7GHz**



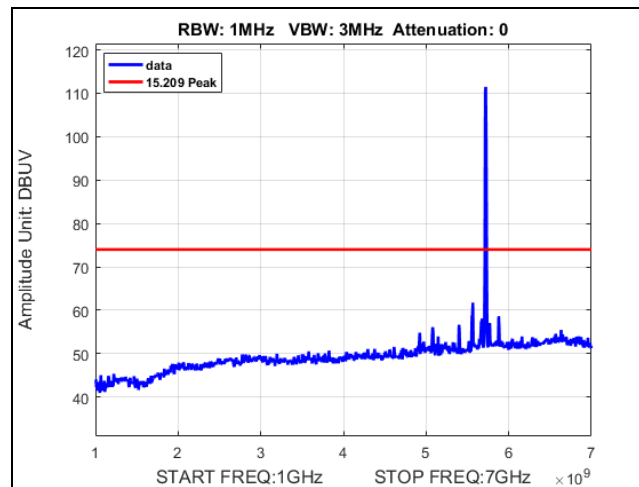
Plot 912. Undesirable Emissions, UNII 2C, AVG, radiated spurious, 34dBi dish, 100M, 5675M, 1-7GHz



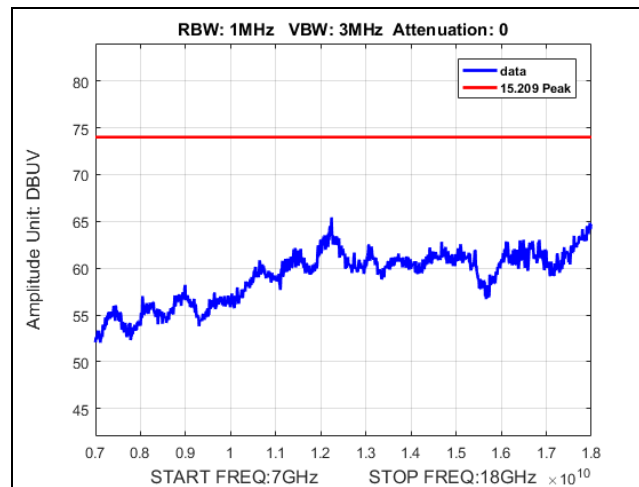
Plot 913. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 10M, 5475M, 1-7GHz



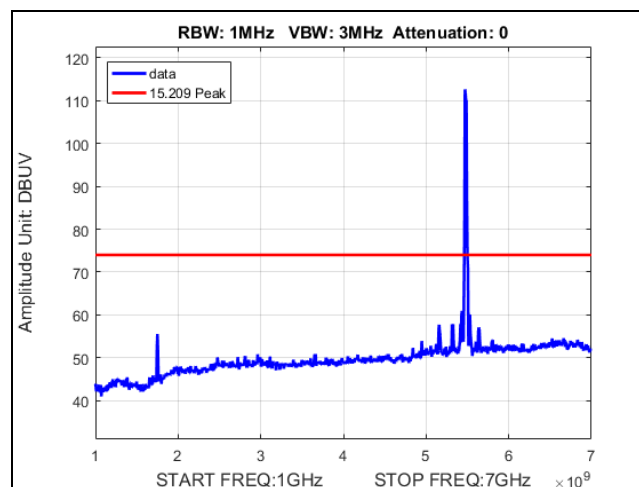
Plot 914. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 10M, 5600M, 1-7GHz



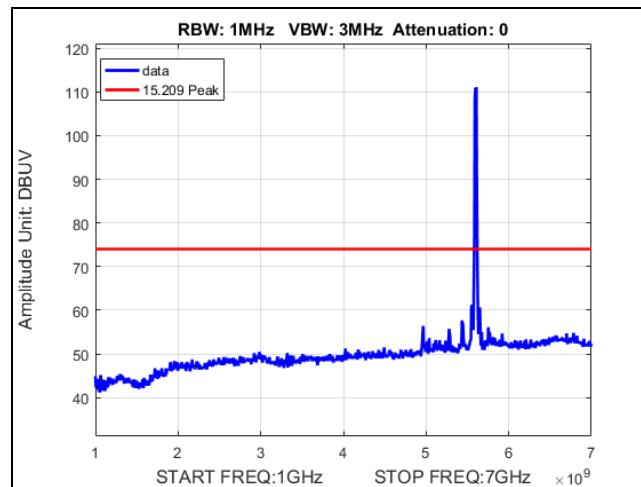
Plot 915. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 10M, 5720M, 1-7GHz



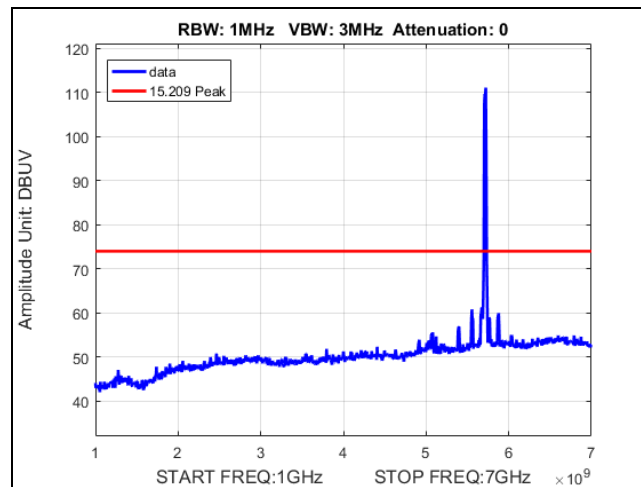
Plot 916. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, worst case, 7-18GHz



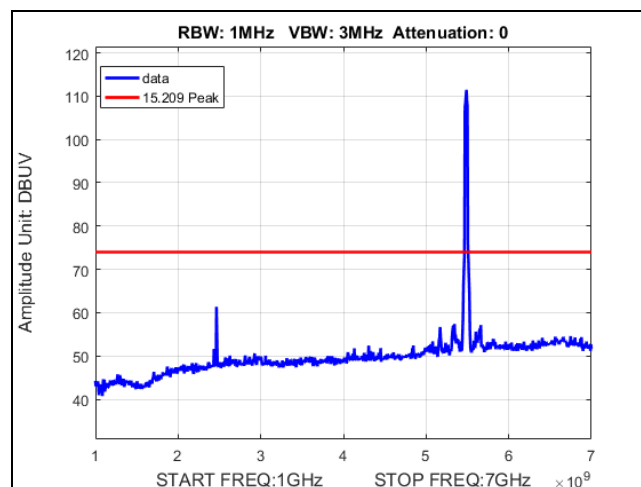
Plot 917. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 20M, 5480M, 1-7GHz



Plot 918. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 20M, 5600M, 1-7GHz

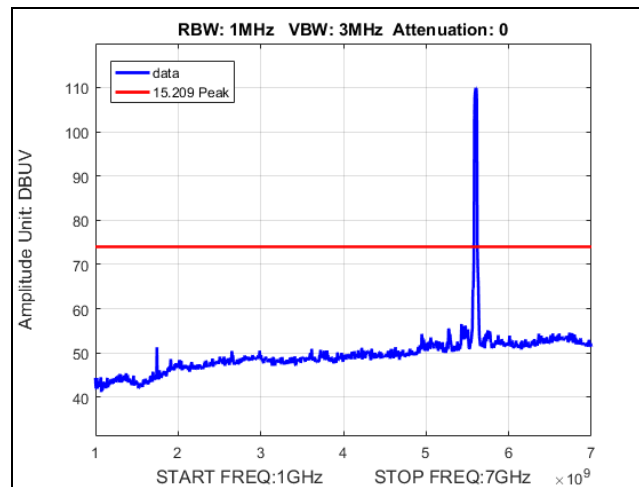


Plot 919. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 20M, 5715M, 1-7GHz

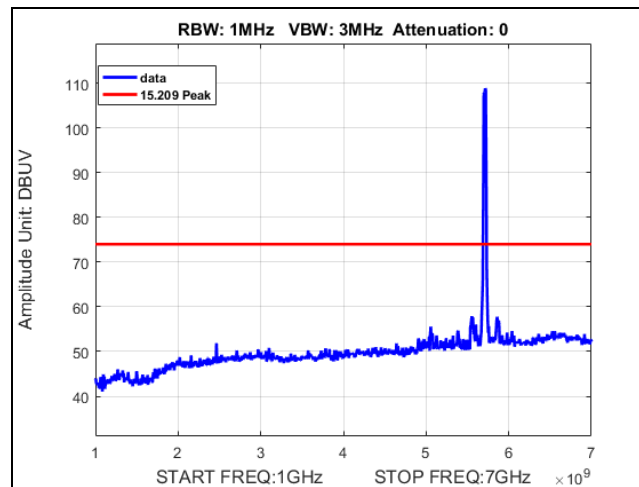


Plot 920. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 30M, 5485M, 1-7GHz

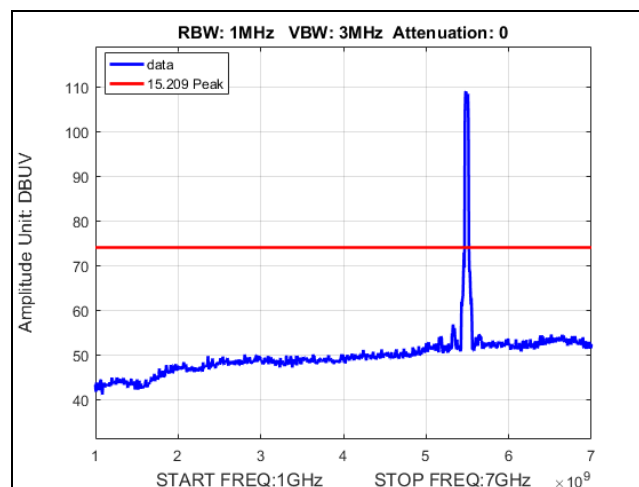




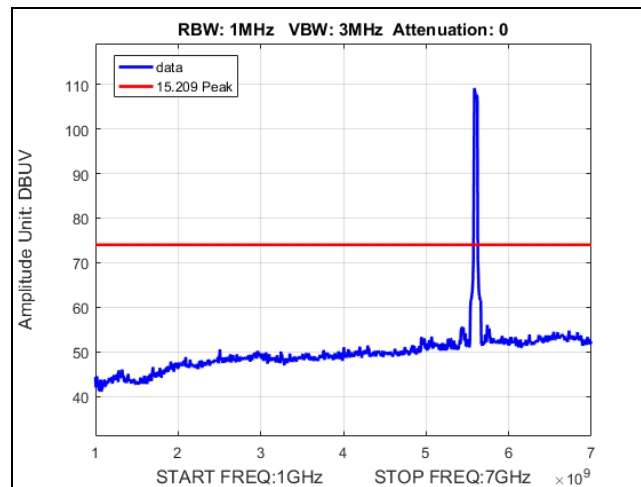
Plot 921. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 30M, 5600M, 1-7GHz



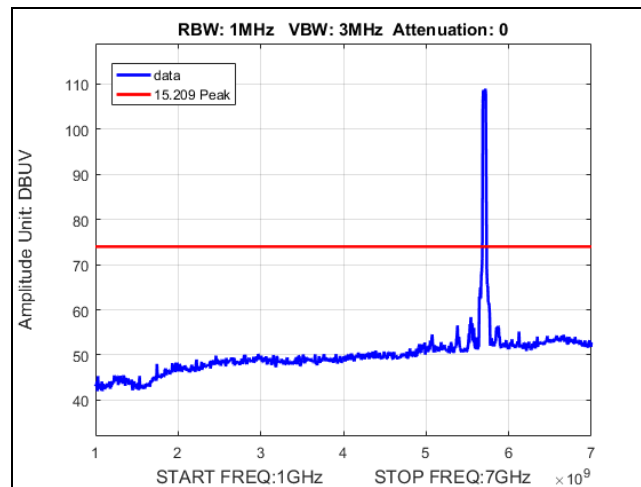
Plot 922. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 30M, 5710M, 1-7GHz



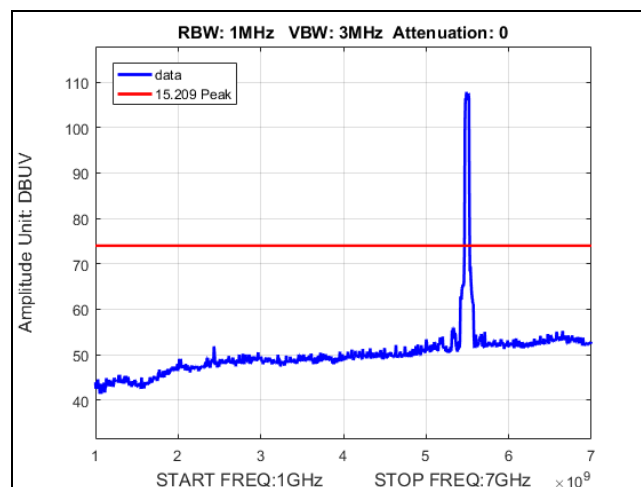
Plot 923. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 40M, 5490M, 1-7GHz



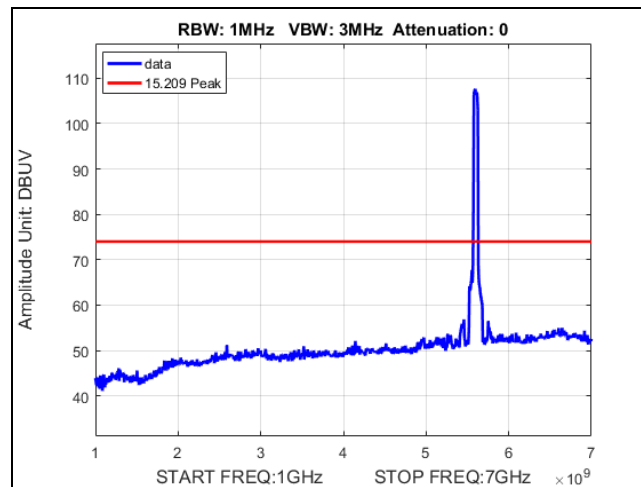
Plot 924. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 40M, 5600M, 1-7GHz



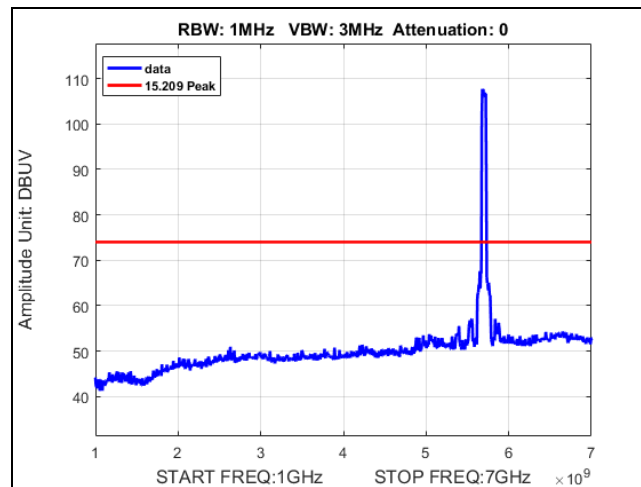
Plot 925. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 40M, 5705M, 1-7GHz



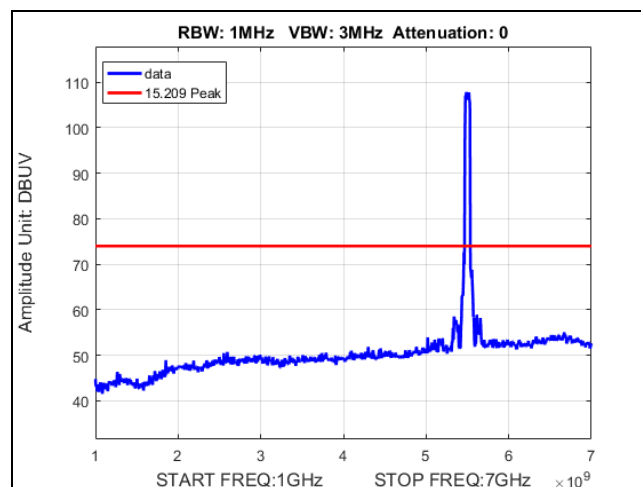
Plot 926. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 50M, 5495M, 1-7GHz



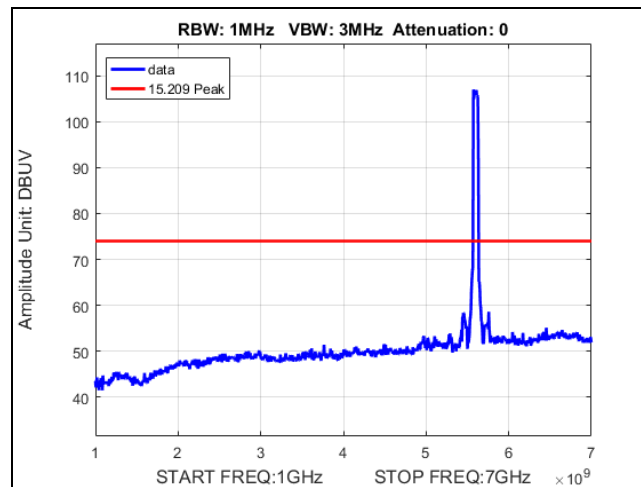
Plot 927. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 50M, 5600M, 1-7GHz



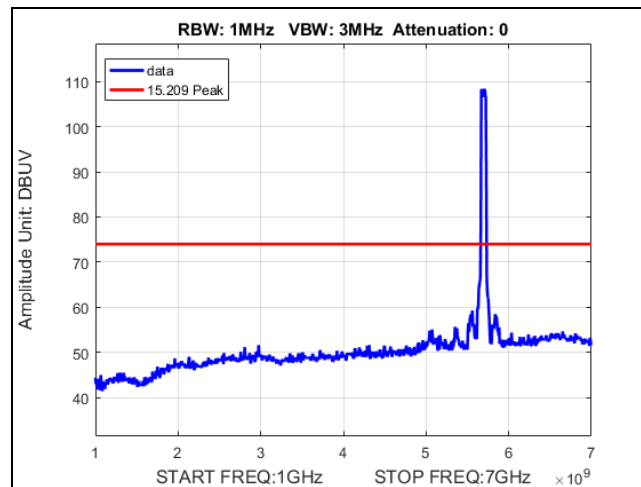
Plot 928. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 50M, 5700M, 1-7GHz



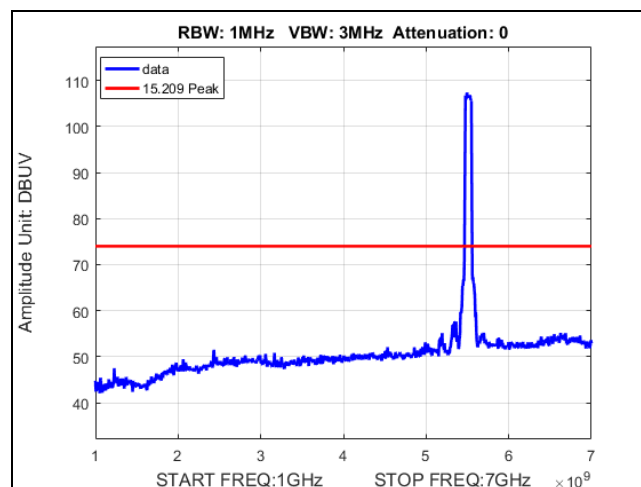
Plot 929. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 60M, 5500M, 1-7GHz



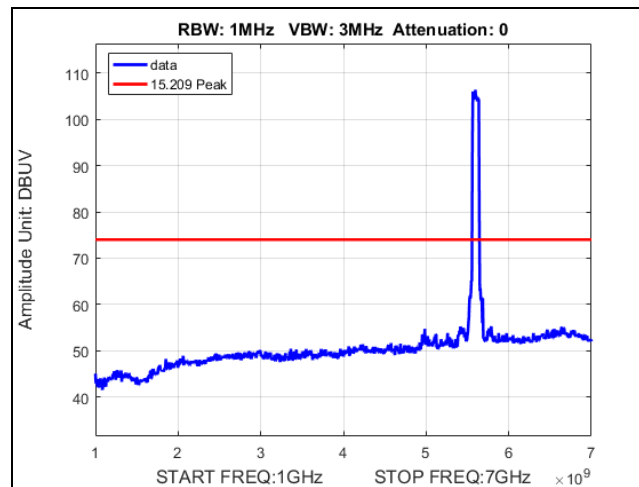
Plot 930. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 60M, 5600M, 1-7GHz



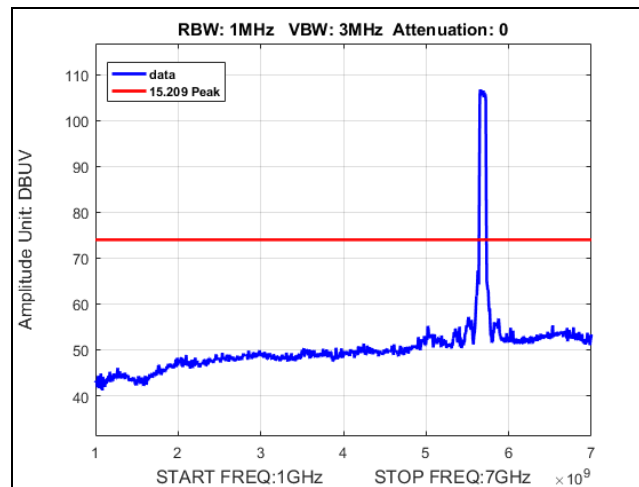
Plot 931. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 60M, 5695M, 1-7GHz



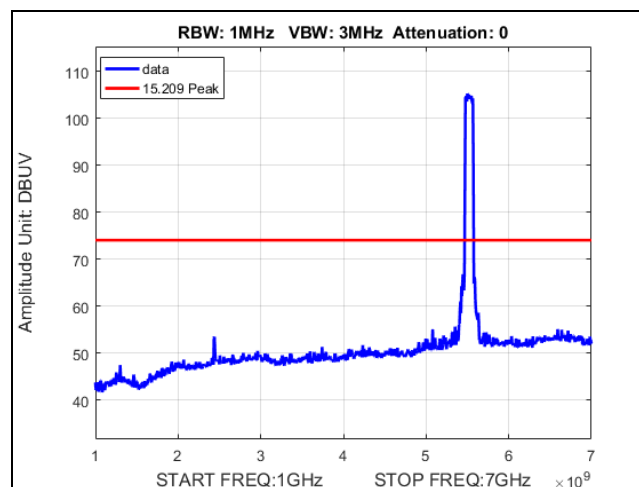
Plot 932. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 80M, 5510M, 1-7GHz



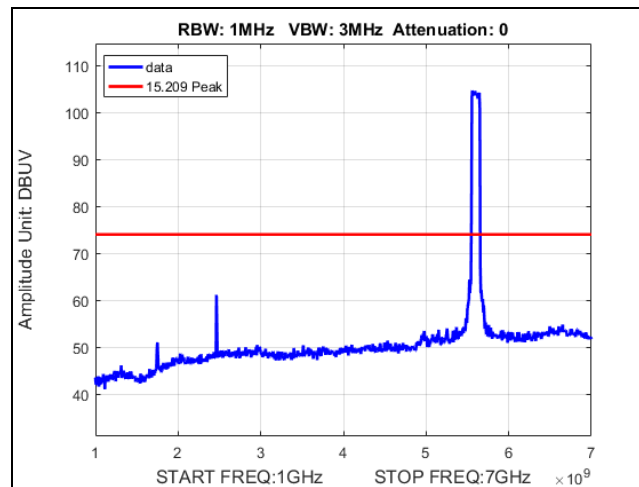
Plot 933. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 80M, 5600M, 1-7GHz



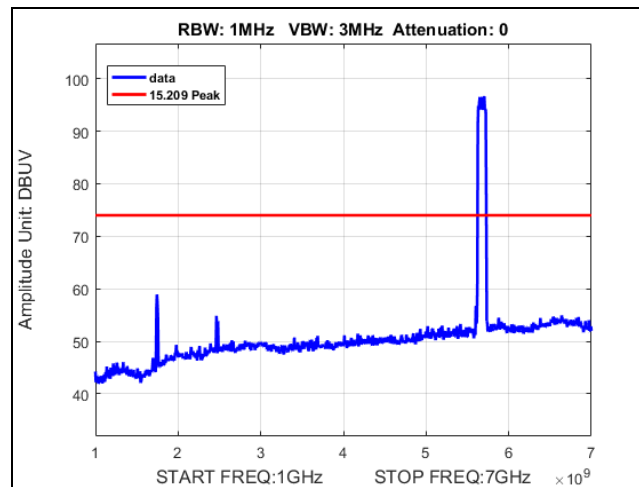
Plot 934. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 80M, 5685M, 1-7GHz



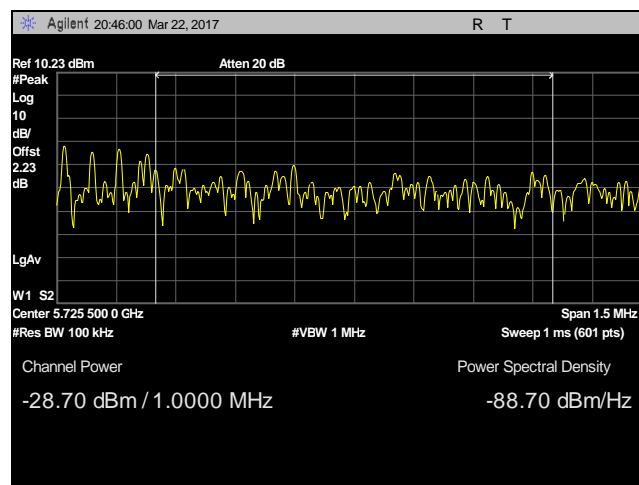
Plot 935. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 100M, 5520M, 1-7GHz



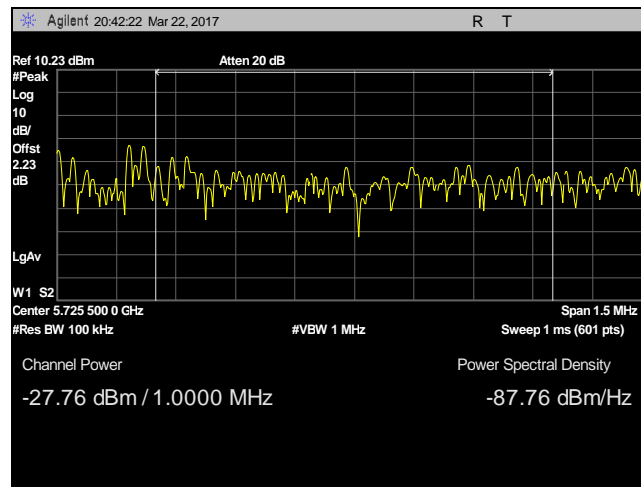
**Plot 936. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 100M, 5600M, 1-7GHz**



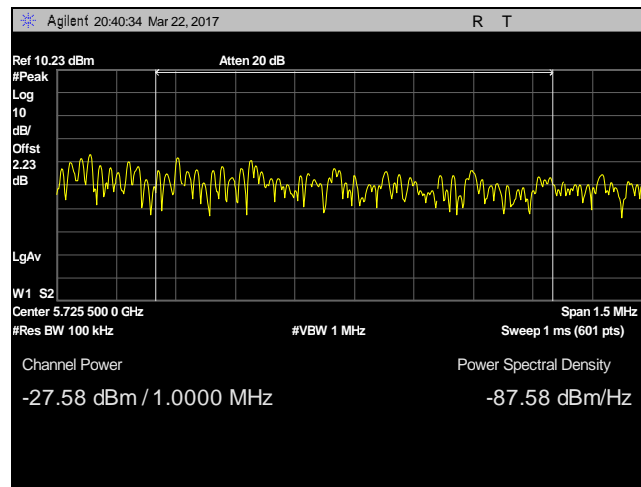
**Plot 937. Undesirable Emissions, UNII 2C, PK, radiated spurious, 34dBi dish, 100M, 5675M, 1-7GHz**



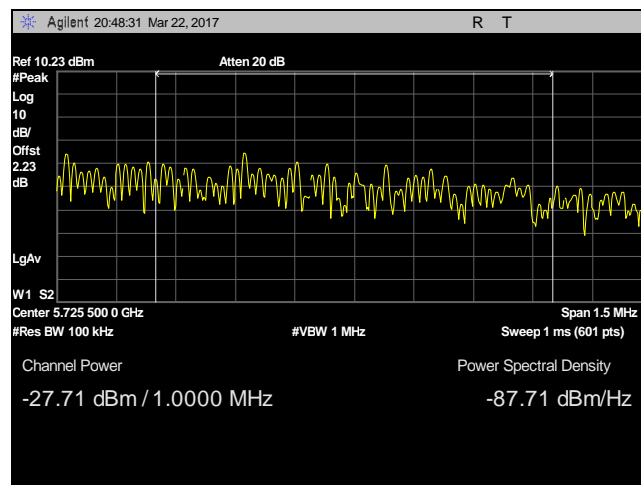
**Plot 938. Undesirable Emissions, UNII 2C, -27dBm, , bandedge 5725, 13dBi, 10M, 5720M, pwr integration**



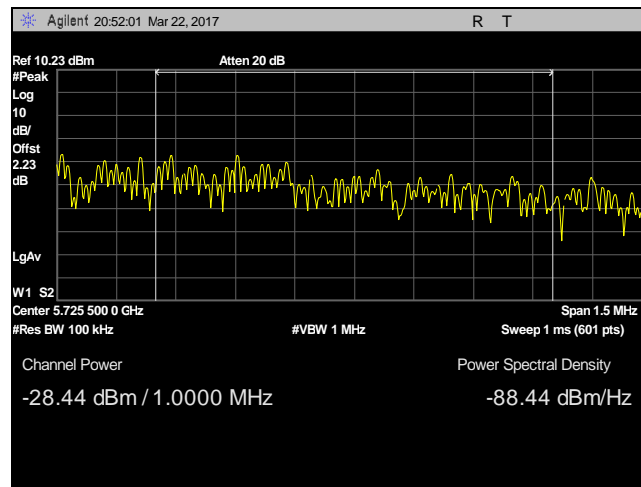
Plot 939. Undesirable Emissions, UNII 2C, -27dBm, , bandedge 5725, 13dBi, 20M, 5715M, pwr integration



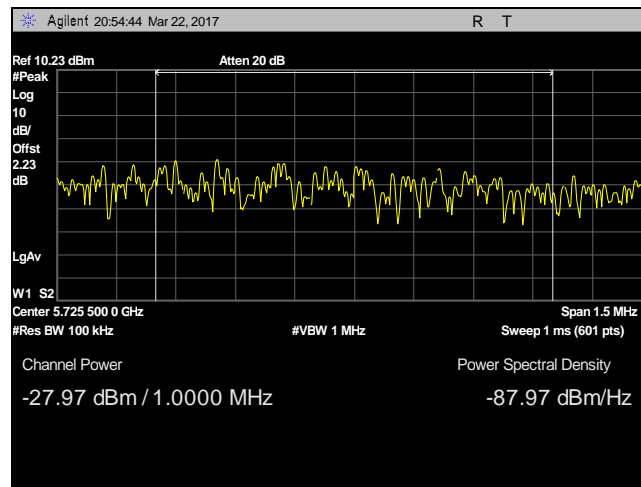
Plot 940. Undesirable Emissions, UNII 2C, -27dBm, , bandedge 5725, 13dBi, 30M, 5710M, pwr integration



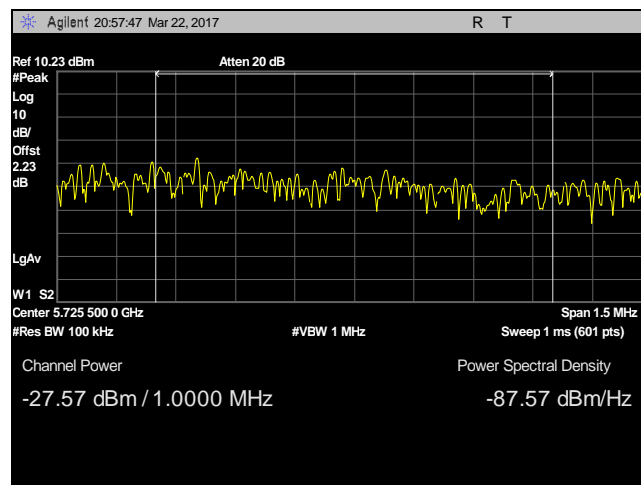
Plot 941. Undesirable Emissions, UNII 2C, -27dBm, , bandedge 5725, 13dBi, 40M, 5705M, pwr integration



Plot 942. Undesirable Emissions, UNII 2C, -27dBm, , bandedge 5725, 13dBi, 50M, 5700M, pwr integration

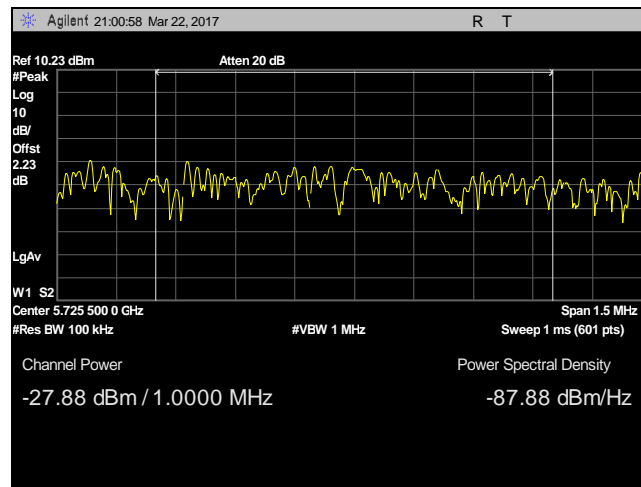


Plot 943. Undesirable Emissions, UNII 2C, -27dBm, , bandedge 5725, 13dBi, 60M, 5695M, pwr integration

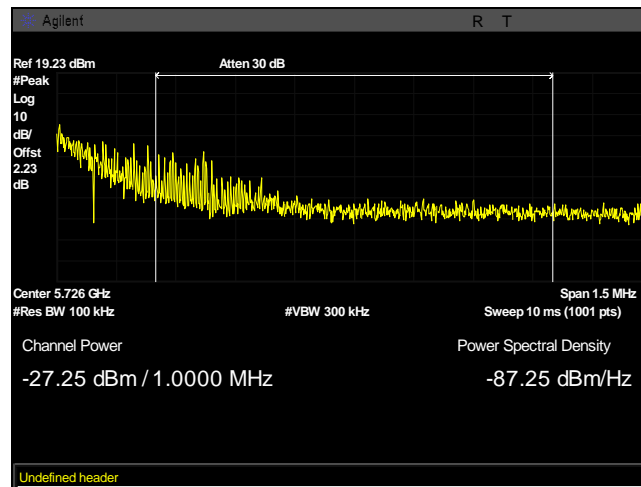


Plot 944. Undesirable Emissions, UNII 2C, -27dBm, , bandedge 5725, 13dBi, 80M, 5685M, pwr integration





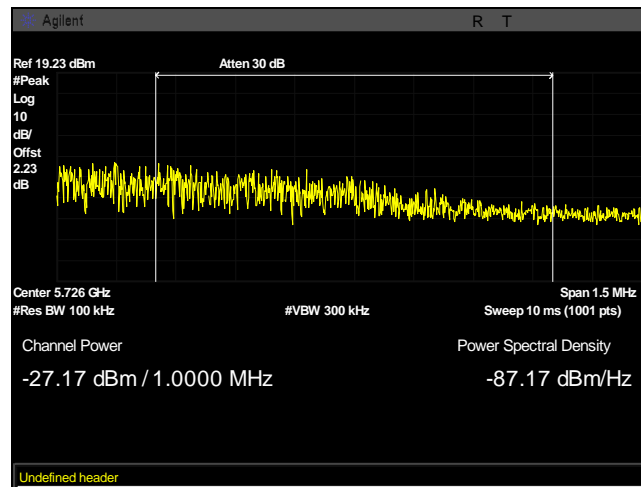
Plot 945. Undesirable Emissions, UNII 2C, -27dBm, , bandedge 5725, 13dBi, 100M, 5675M, pwr integration



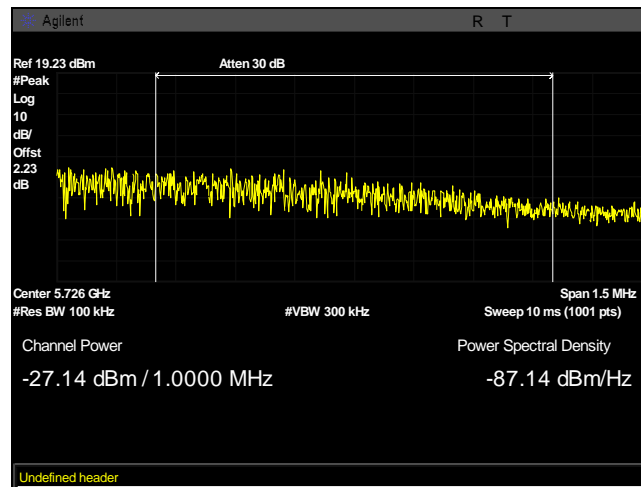
Plot 946. Undesirable Emissions, UNII 2C, -27dBm, bandedge 5725, 22dBiM, 10M, 5720M, pwr integration



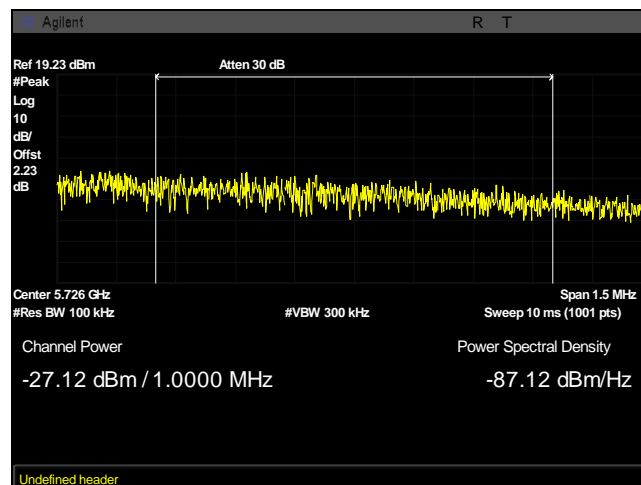
Plot 947. Undesirable Emissions, UNII 2C, -27dBm, bandedge 5725, 22dBiM, 20M, 5715M, pwr integration



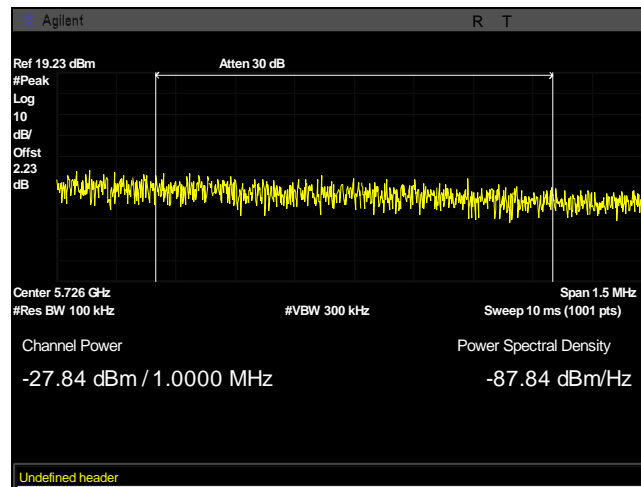
Plot 948. Undesirable Emissions, UNII 2C, -27dBm, bandedge 5725, 22dBiM, 30M, 5710M, pwr integration



Plot 949. Undesirable Emissions, UNII 2C, -27dBm, bandedge 5725, 22dBiM, 40M, 5705M, pwr integration



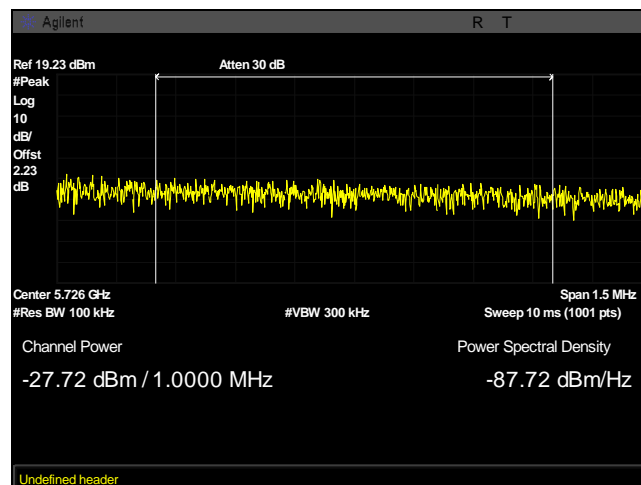
Plot 950. Undesirable Emissions, UNII 2C, -27dBm, bandedge 5725, 22dBiM, 50M, 5700M, pwr integration



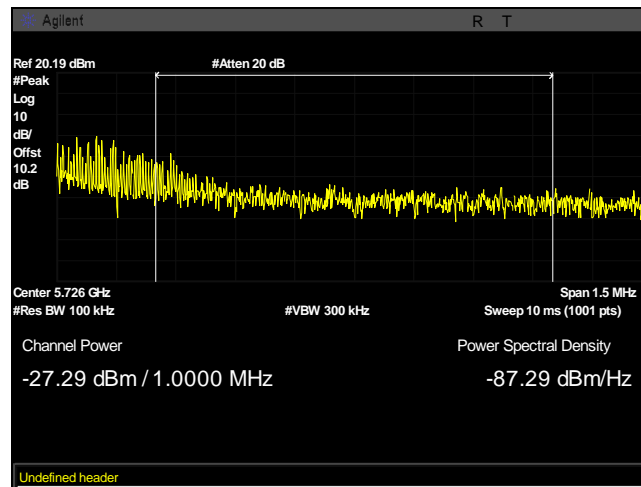
Plot 951. Undesirable Emissions, UNII 2C, -27dBm, bandedge 5725, 22dBiM, 60M, 5695M, pwr integration



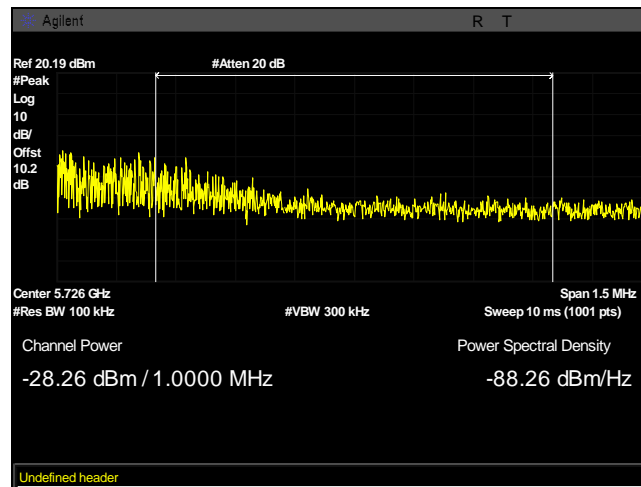
Plot 952. Undesirable Emissions, UNII 2C, -27dBm, bandedge 5725, 22dBiM, 80M, 5685M, pwr integration



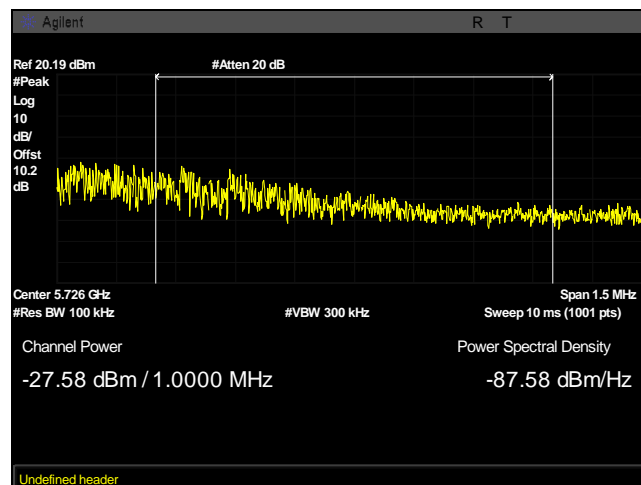
Plot 953. Undesirable Emissions, UNII 2C, -27dBm, bandedge 5725, 22dBiM, 100M, 5675M, pwr integration



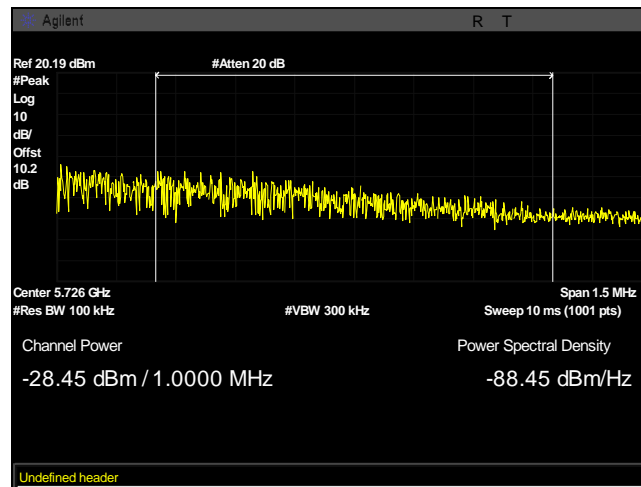
Plot 954. Undesirable Emissions, UNII 2C, -27dBm, bandedge 5725, 34dBi, 10M, 5720M



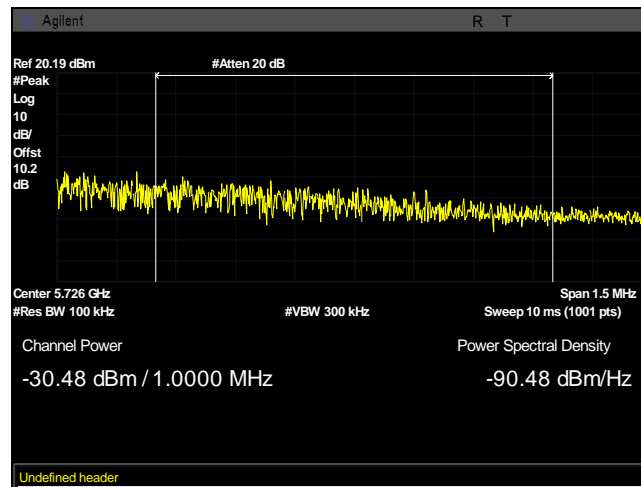
Plot 955. Undesirable Emissions, UNII 2C, -27dBm, bandedge 5725, 34dBi, 20M, 5715M



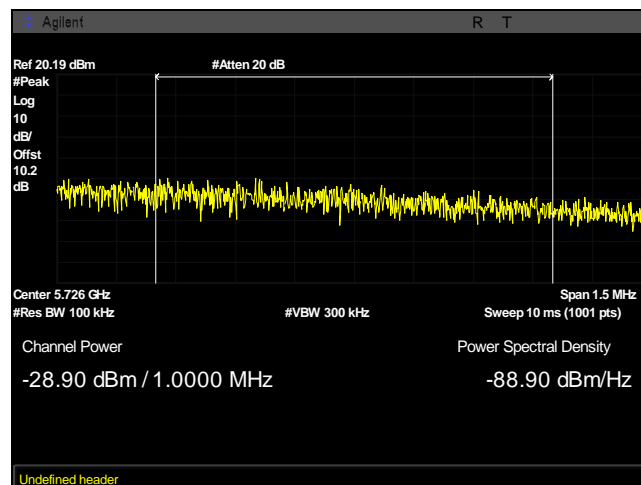
Plot 956. Undesirable Emissions, UNII 2C, -27dBm, bandedge 5725, 34dBi, 30M, 5710M



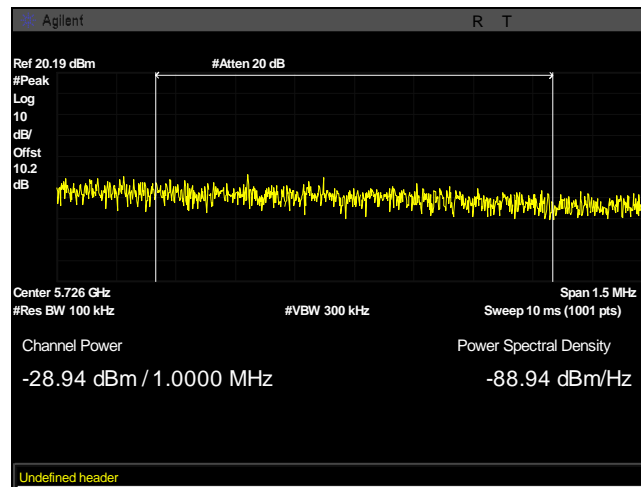
Plot 957. Undesirable Emissions, UNII 2C, -27dBm, bandedge 5725, 34dBi, 40M, 5705M



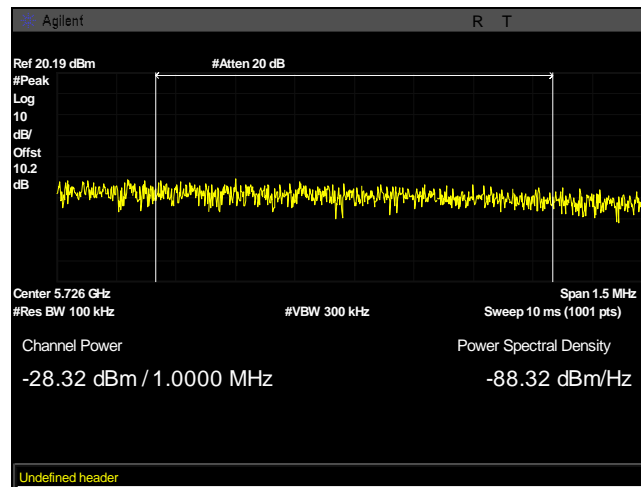
Plot 958. Undesirable Emissions, UNII 2C, -27dBm, bandedge 5725, 34dBi, 50M, 5700M



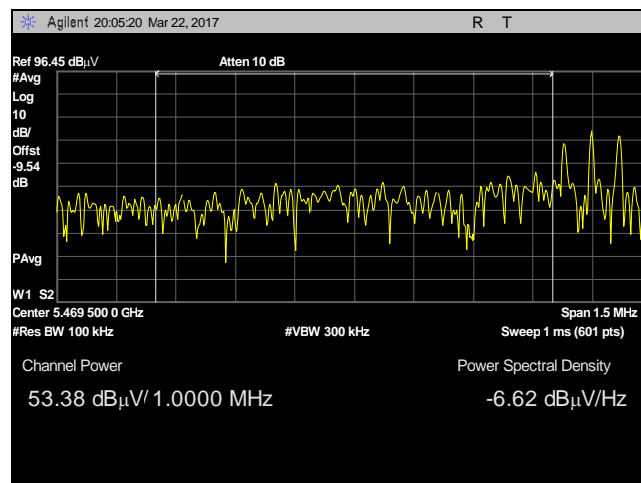
Plot 959. Undesirable Emissions, UNII 2C, -27dBm, bandedge 5725, 34dBi, 60M, 5695M



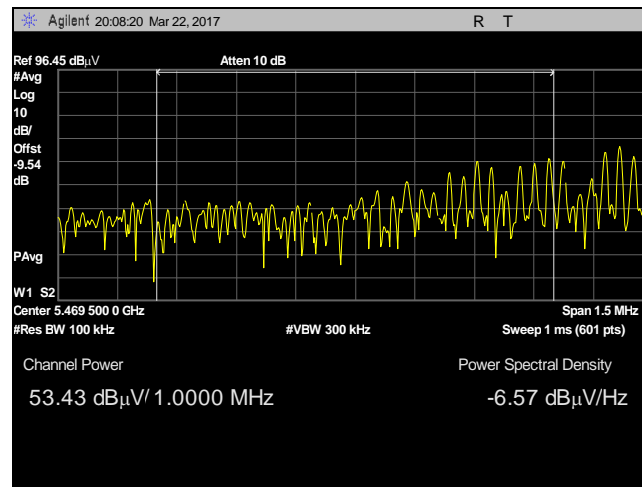
Plot 960. Undesirable Emissions, UNII 2C, -27dBm, bandedge 5725, 34dBi, 80M, 5685M



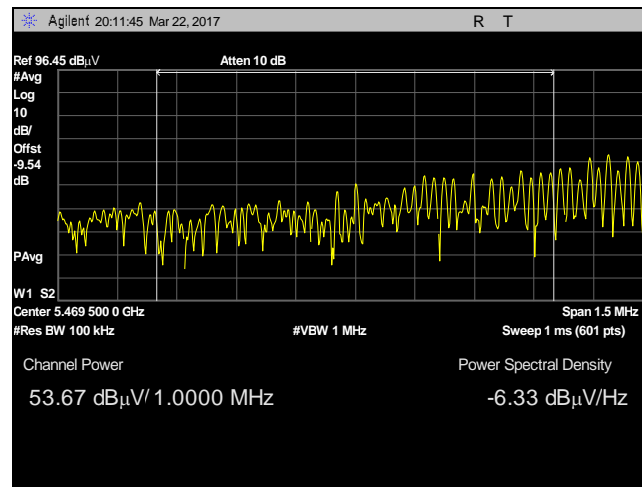
Plot 961. Undesirable Emissions, UNII 2C, -27dBm, bandedge 5725, 34dBi, 100M, 5675M



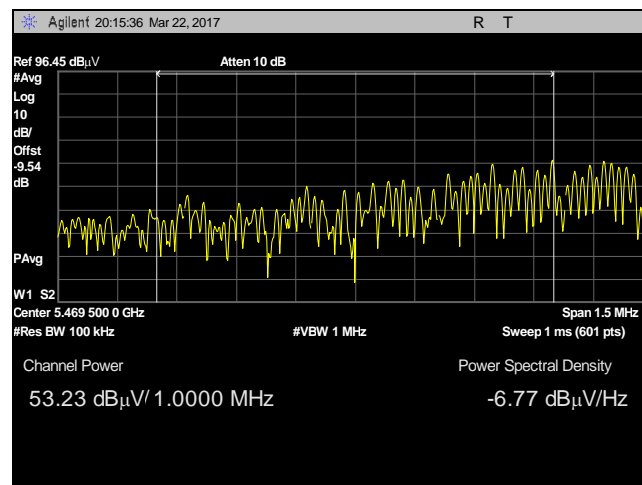
Plot 962. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 13dBi, 10M, 5475M, pwr integration



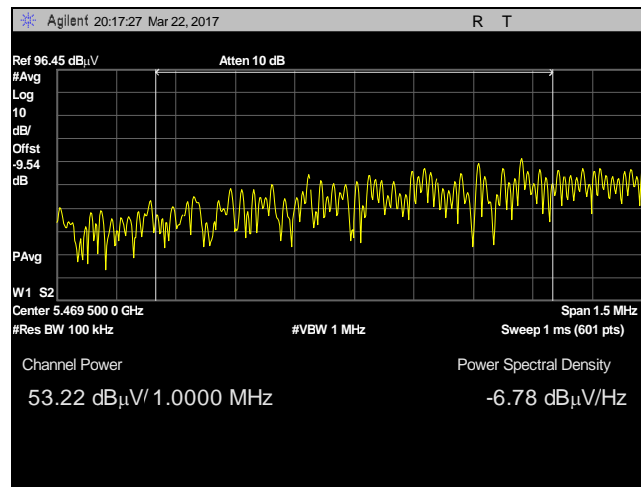
Plot 963. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 13dBi, 20M, 5480M, pwr integration



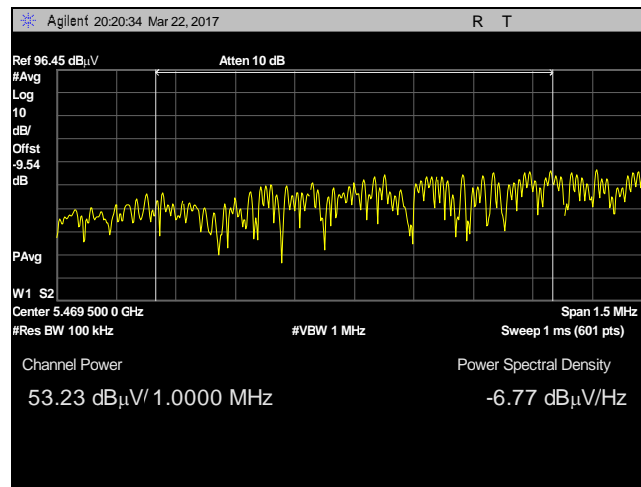
Plot 964. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 13dBi, 30M, 5485M, pwr integration



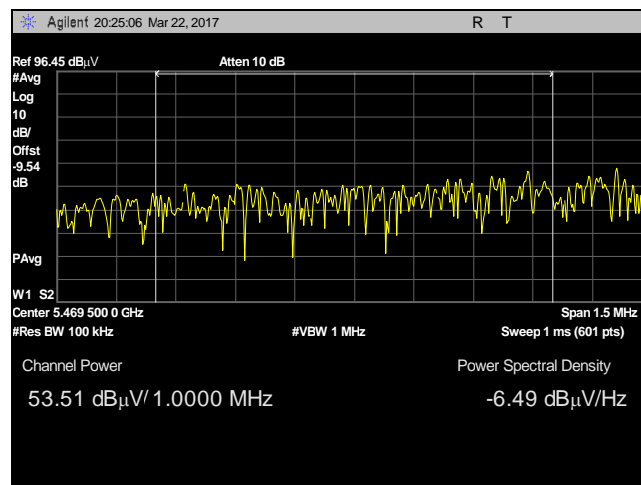
Plot 965. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 13dBi, 40M, 5490M, pwr integration



Plot 966. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 13dBi, 50M, 5495M, pwr integration

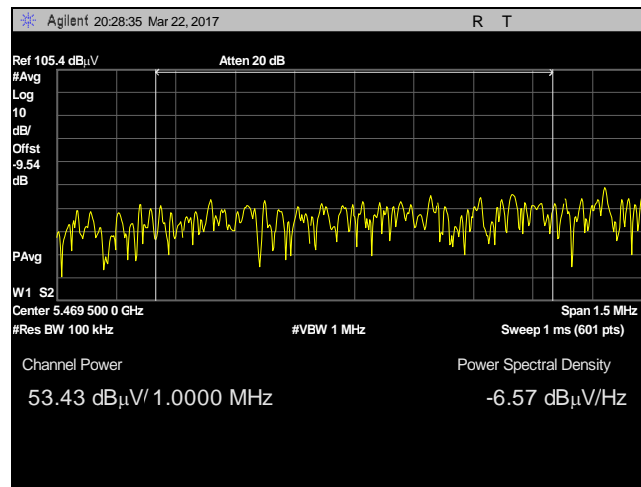


Plot 967. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 13dBi, 60M, 5500M, pwr integration

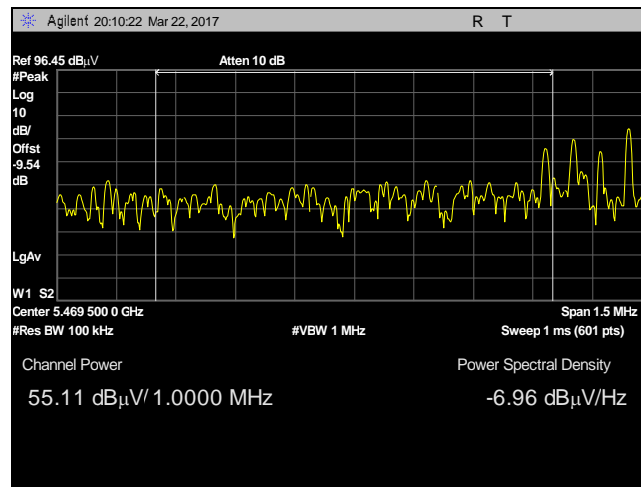


Plot 968. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 13dBi, 80M, 5510M, pwr integration

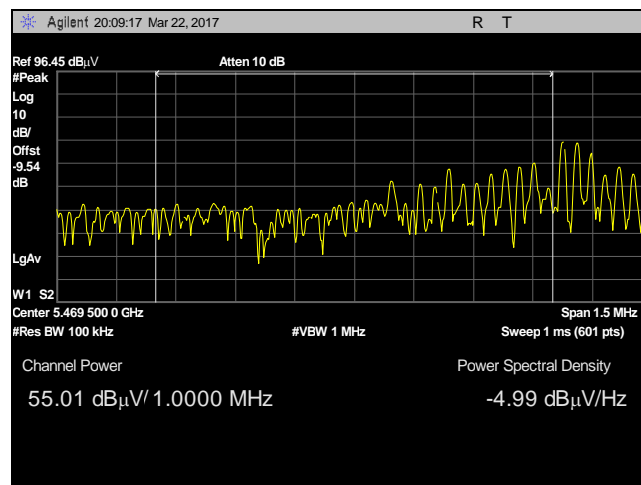




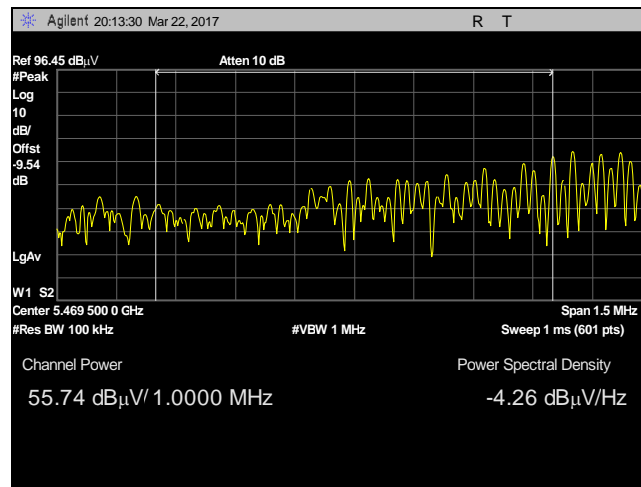
Plot 969. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 13dBi, 100M, 5520M, pwr integration



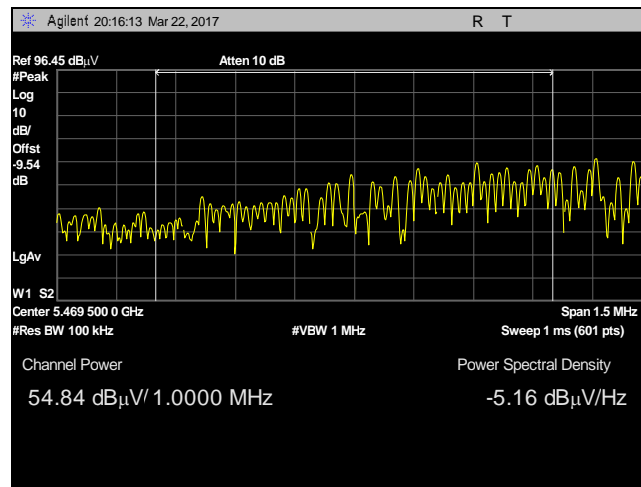
Plot 970. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 13dBi, 10M, 5475M, pwr integration



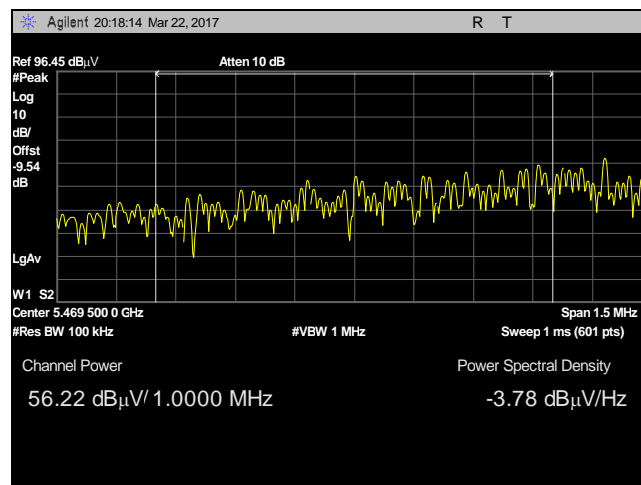
Plot 971. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 13dBi, 20M, 5480M, pwr integration



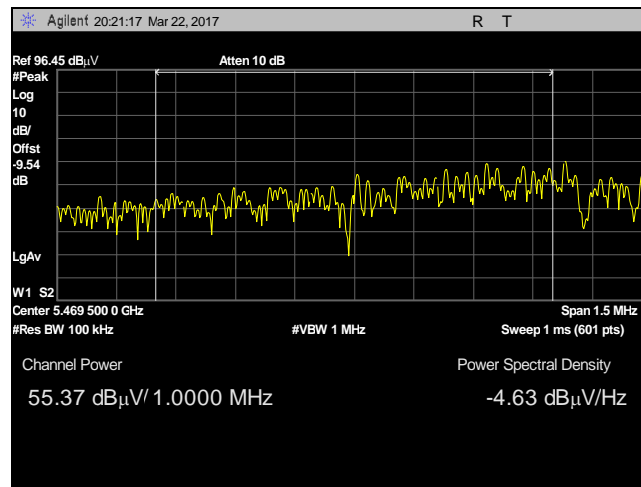
Plot 972. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 13dBi, 30M, 5485M, pwr integration



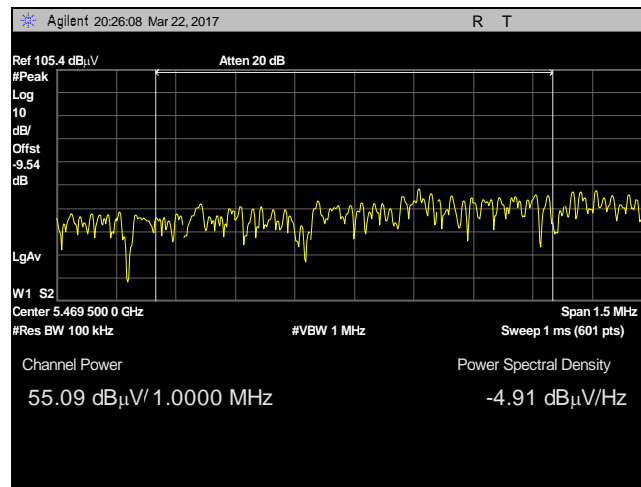
Plot 973. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 13dBi, 40M, 5490M, pwr integration



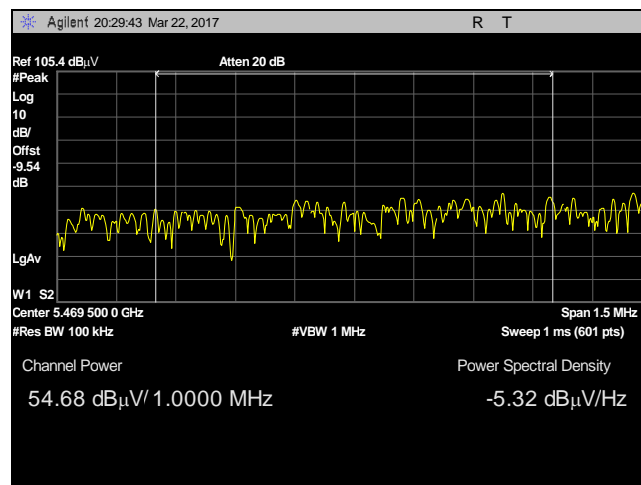
Plot 974. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 13dBi, 50M, 5495M, pwr integration



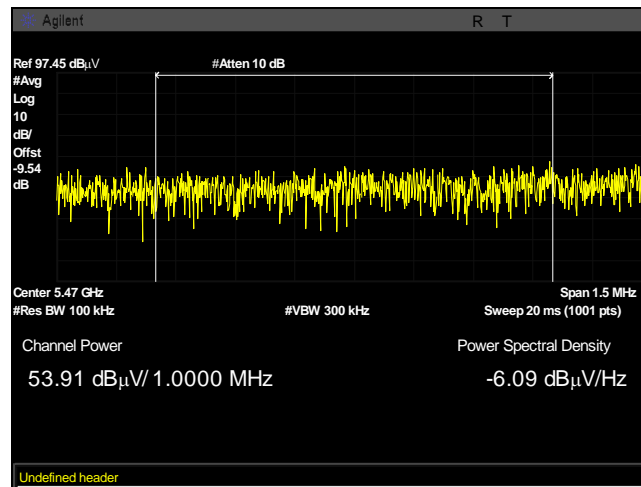
Plot 975. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 13dBi, 60M, 5500M, pwr integration



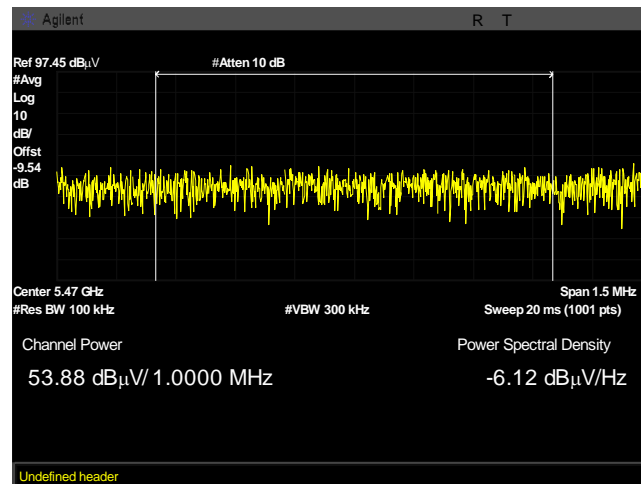
Plot 976. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 13dBi, 80M, 5510M, pwr integration



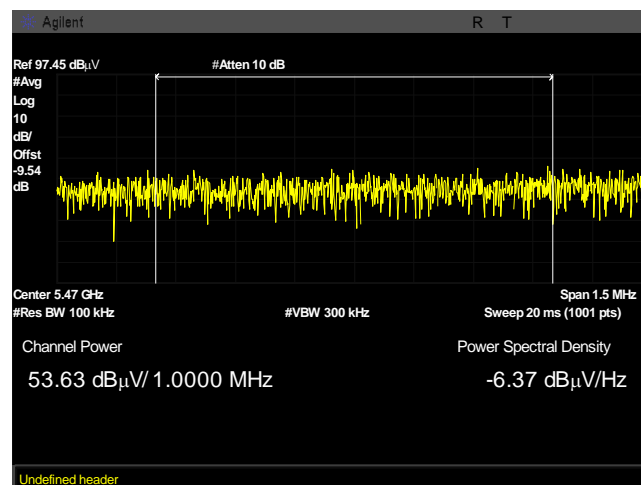
Plot 977. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 13dBi, 100M, 5520M, pwr integration



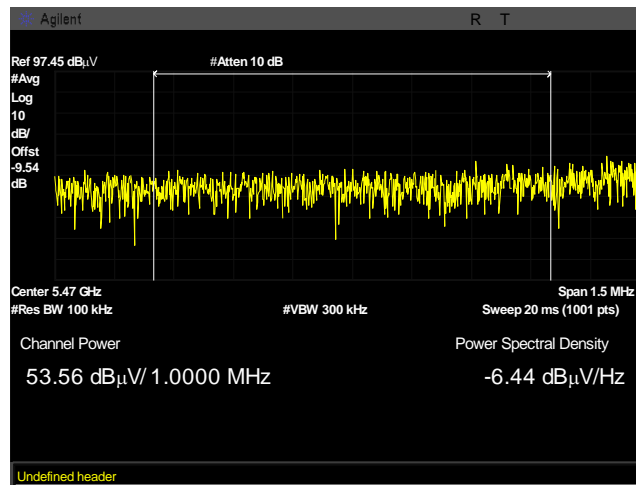
**Plot 978. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 22dBi, sector, 10M, 5475, pwr integration**



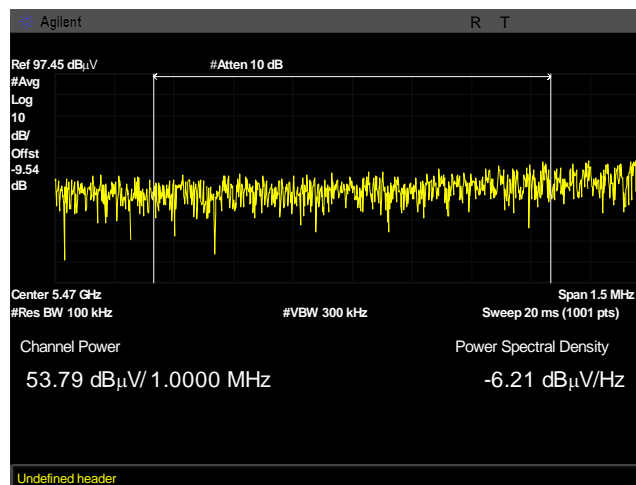
**Plot 979. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 22dBi, sector, 20M, 5480, pwr integration**



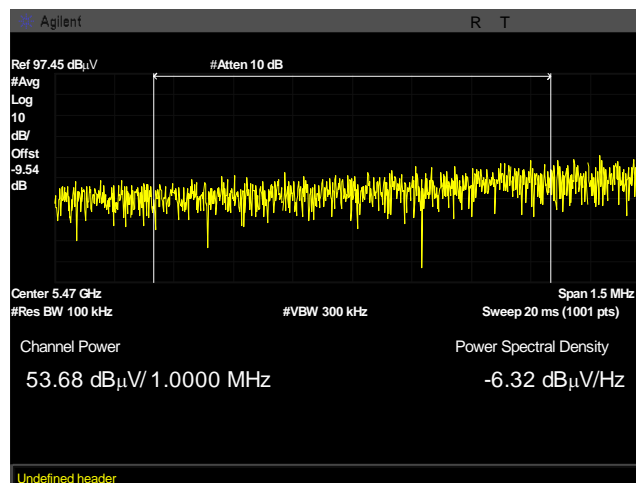
**Plot 980. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 22dBi, sector, 30M, 5485, pwr integration**



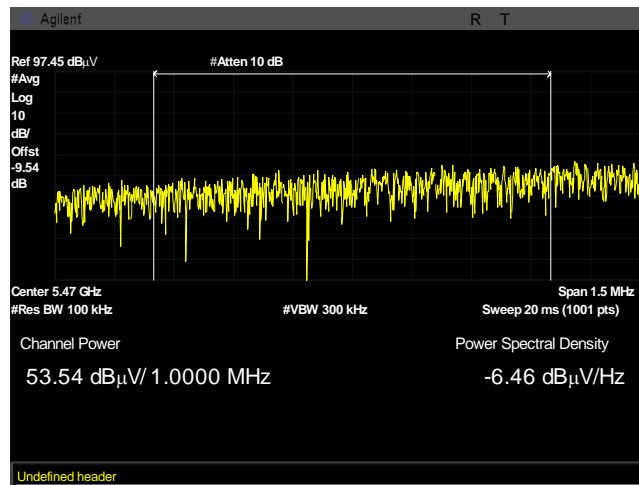
Plot 981. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 22dBi, sector, 40M, 5490, pwr integration



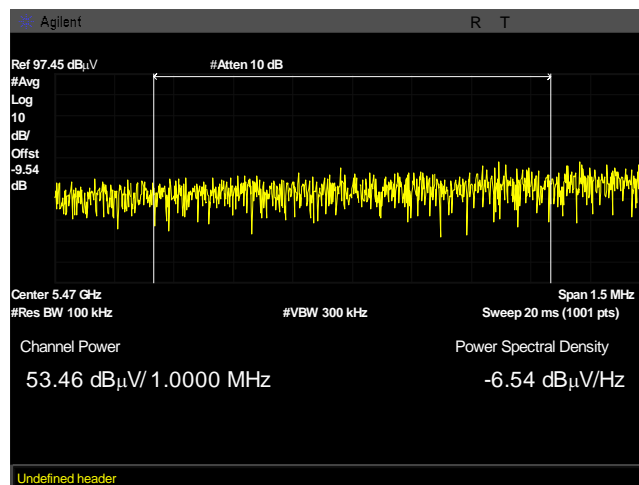
Plot 982. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 22dBi, sector, 50M, 5495, pwr integration



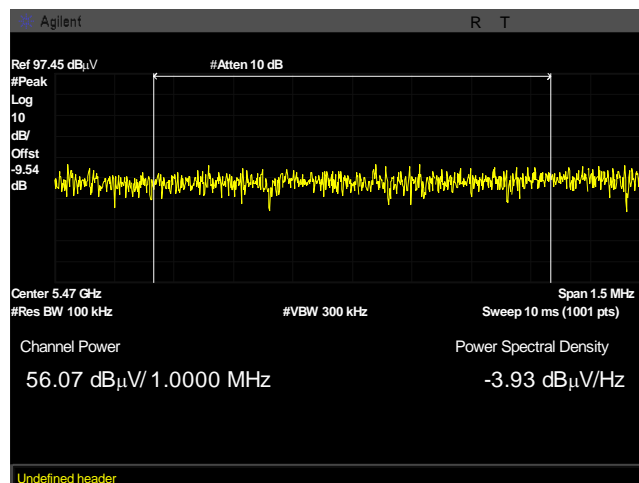
Plot 983. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 22dBi, sector, 60M, 5500, pwr integration



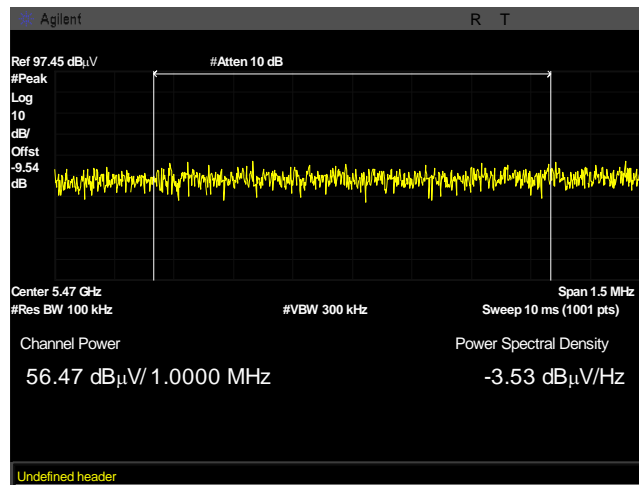
**Plot 984. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 22dBi, sector, 80M, 5510, pwr integration**



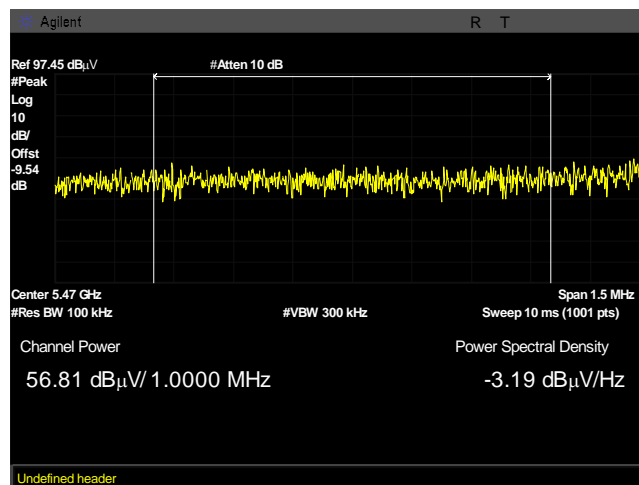
**Plot 985. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 22dBi, sector, 100M, 5520, pwr integration**



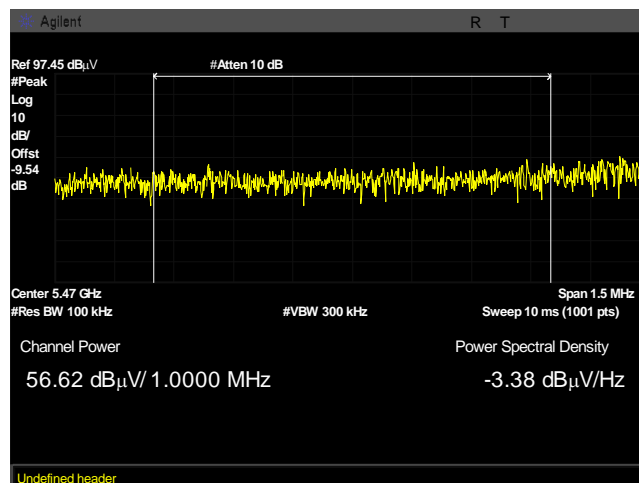
**Plot 986. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 22dBi, sector, 10M, 5475, pwr integration**



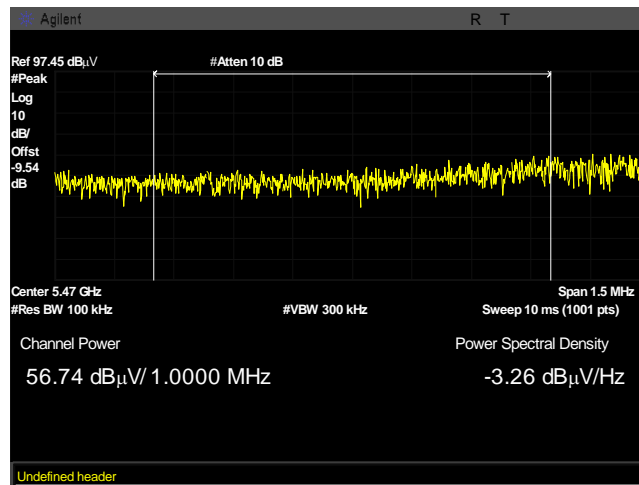
Plot 987. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 22dBi, sector, 20M, 5480, pwr integration



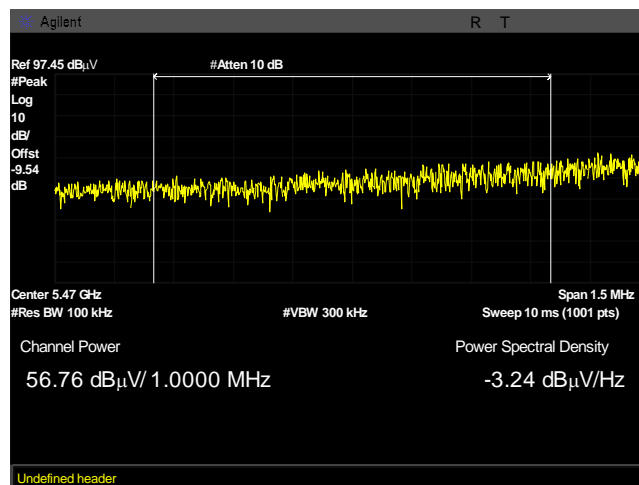
Plot 988. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 22dBi, sector, 30M, 5485, pwr integration



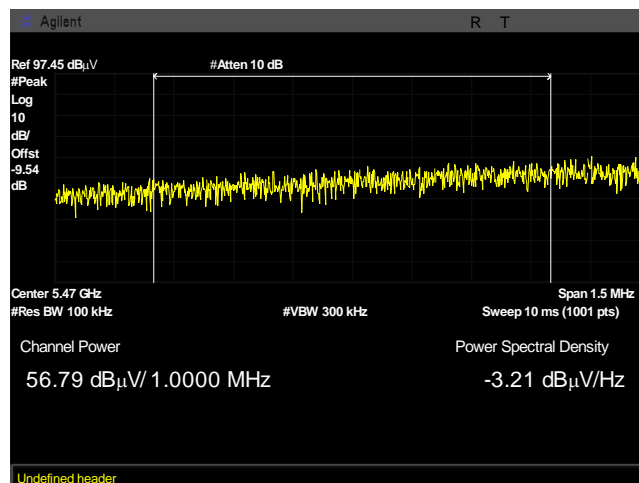
Plot 989. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 22dBi, sector, 40M, 5490, pwr integration



Plot 990. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 22dBi, sector, 50M, 5495, pwr integration

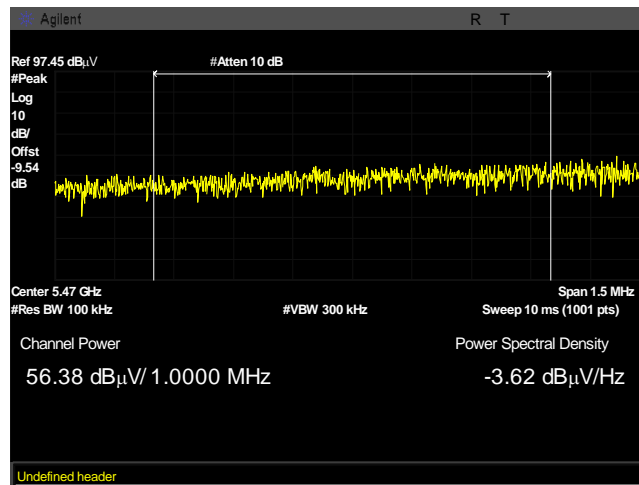


Plot 991. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 22dBi, sector, 60M, 5500, pwr integration

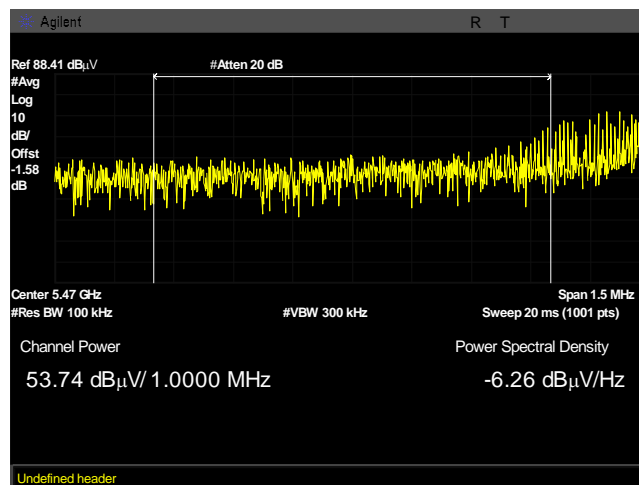


Plot 992. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 22dBi, sector, 80M, 5510, pwr integration

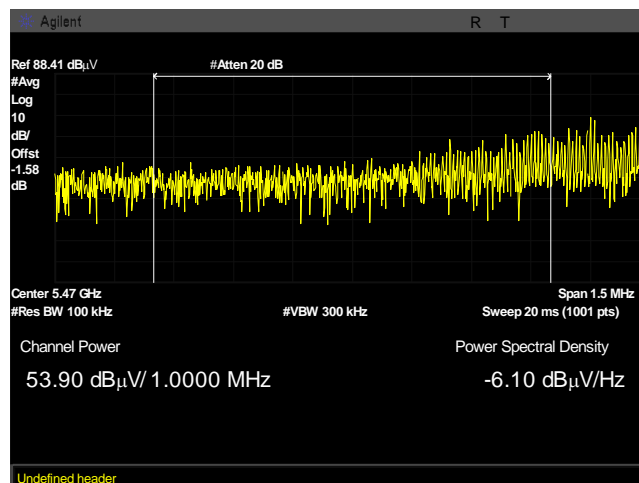




**Plot 993. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 22dBi, sector, 100M, 5520, pwr integration**



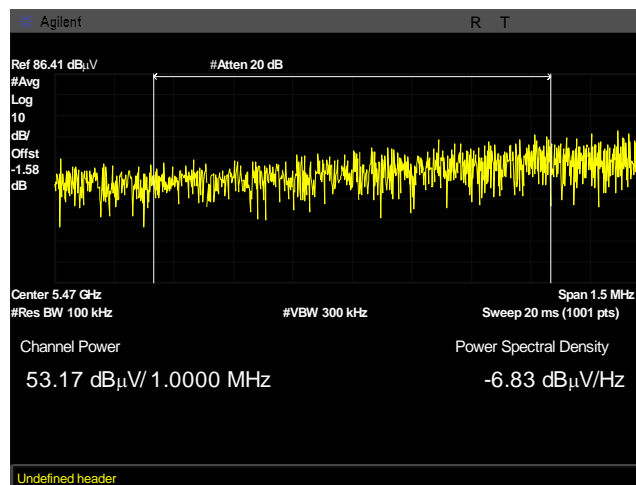
**Plot 994. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 34dBi, 10M, 5475M, pwr integration**



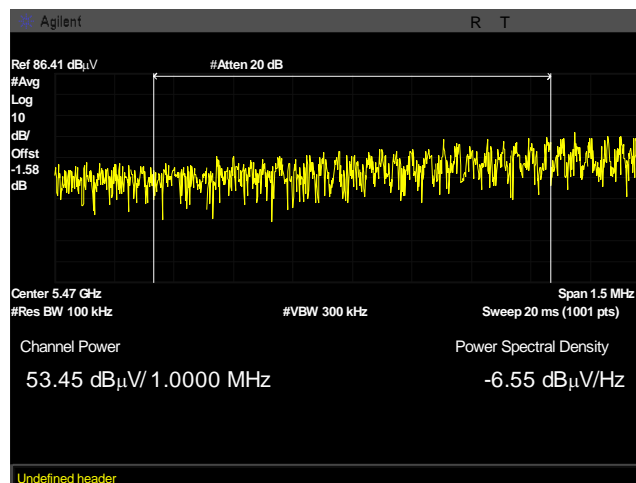
**Plot 995. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 34dBi, 20M, 5480M, pwr integration**



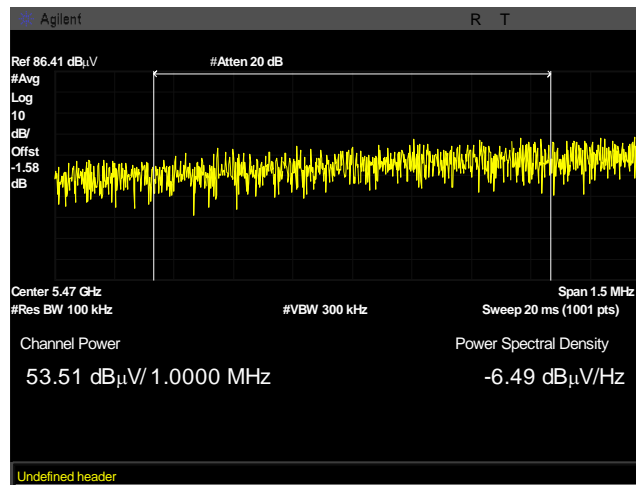
**Plot 996. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 34dBi, 30M, 5485M, pwr integration**



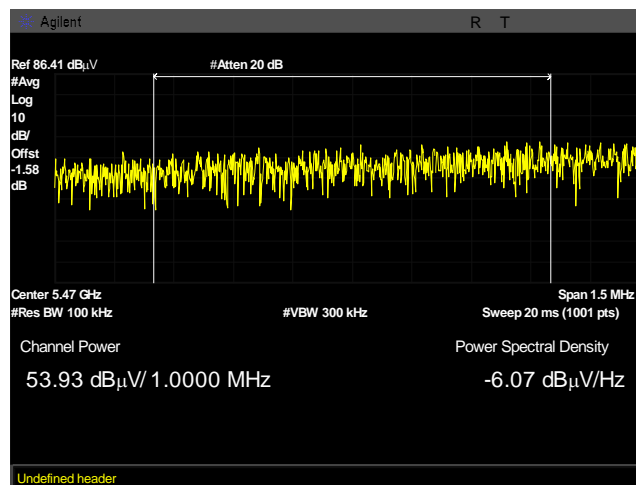
**Plot 997. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 34dBi, 40M, 5490M, pwr integration**



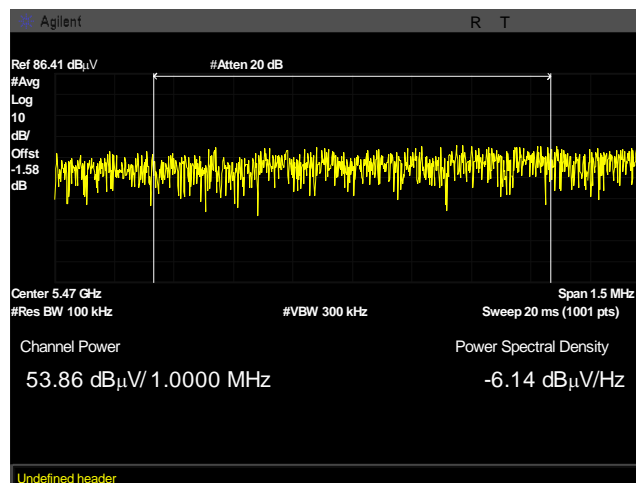
**Plot 998. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 34dBi, 50M, 5495M, pwr integration**



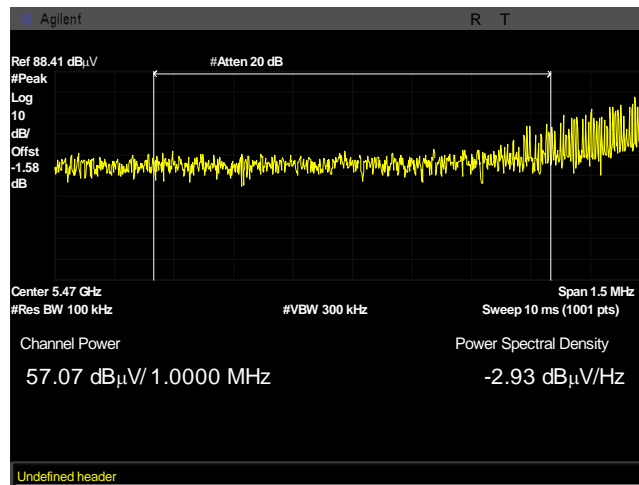
**Plot 999. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 34dBi, 60M, 5500M, pwr integration**



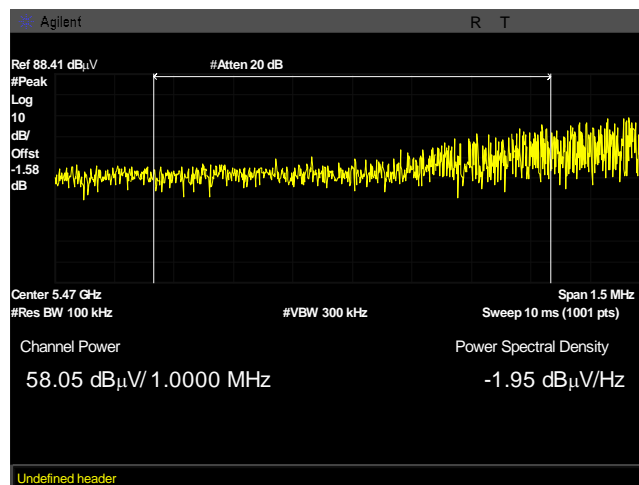
**Plot 1000. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 34dBi, 80M, 5510M, pwr integration**



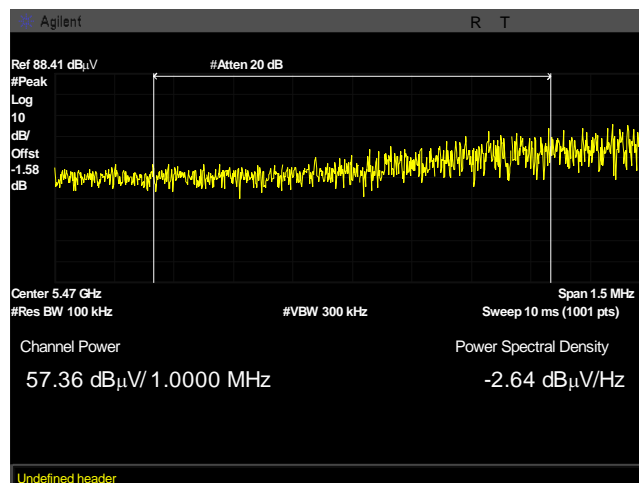
**Plot 1001. Undesirable Emissions, UNII 2C, AVG, bandedge 5470, 34dBi, 100M, 5520M, pwr integration**



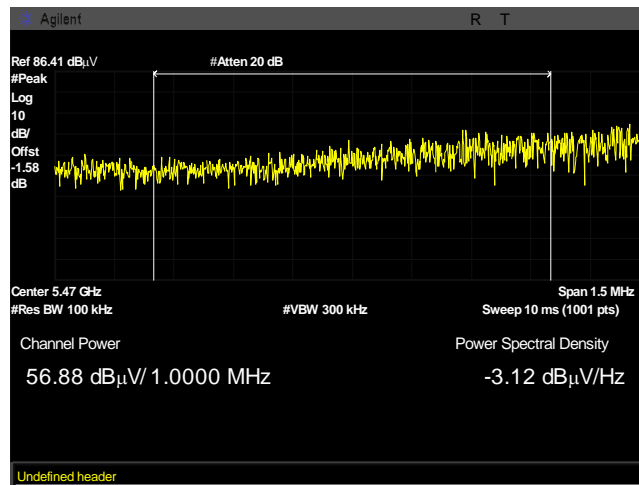
**Plot 1002. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 34dBi, 10M, 5475M, pwr integration**



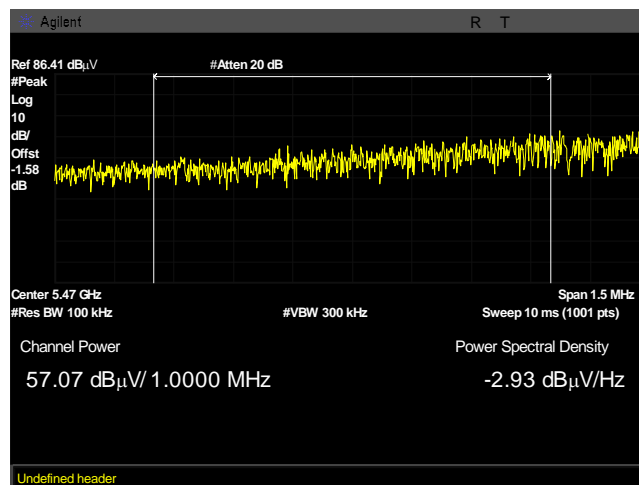
**Plot 1003. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 34dBi, 20M, 5480M, pwr integration**



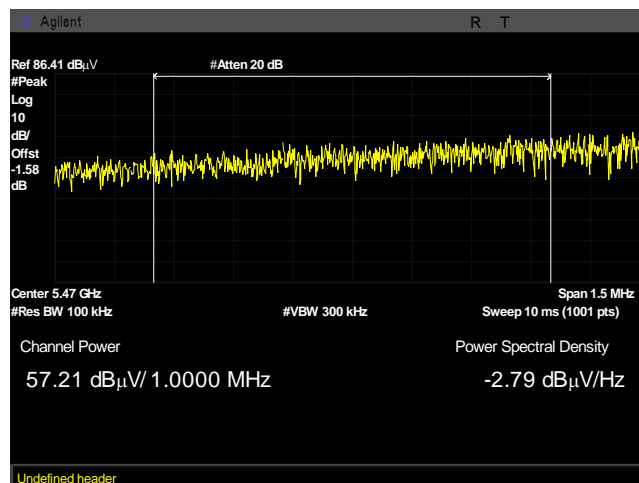
**Plot 1004. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 34dBi, 30M, 5485M, pwr integration**



**Plot 1005. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 34dBi, 40M, 5490M, pwr integration**



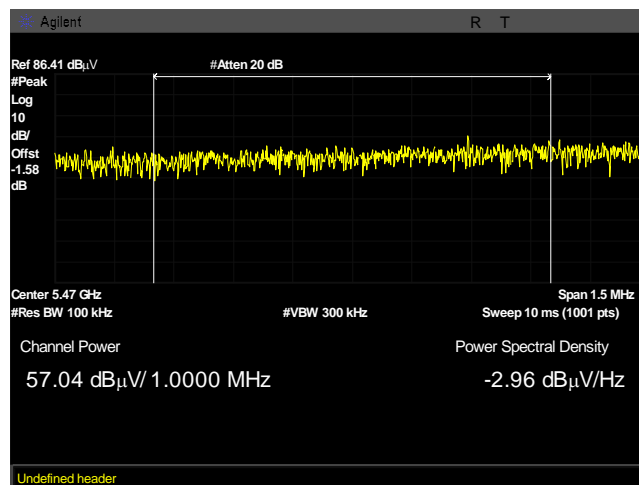
**Plot 1006. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 34dBi, 50M, 5495M, pwr integration**



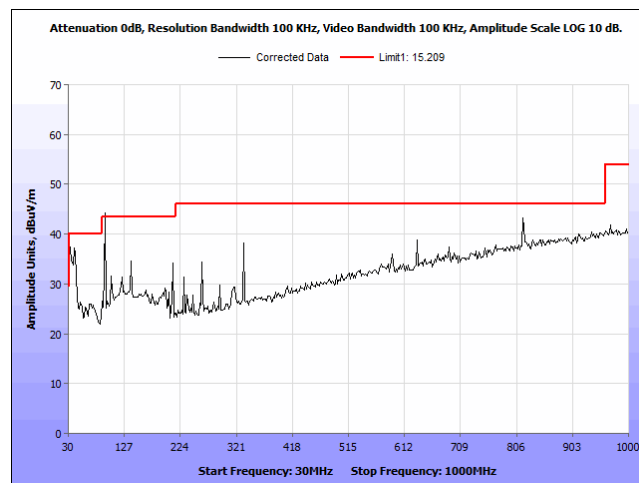
**Plot 1007. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 34dBi, 60M, 5500M, pwr integration**



**Plot 1008. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 34dBi, 80M, 5510M, pwr integration**



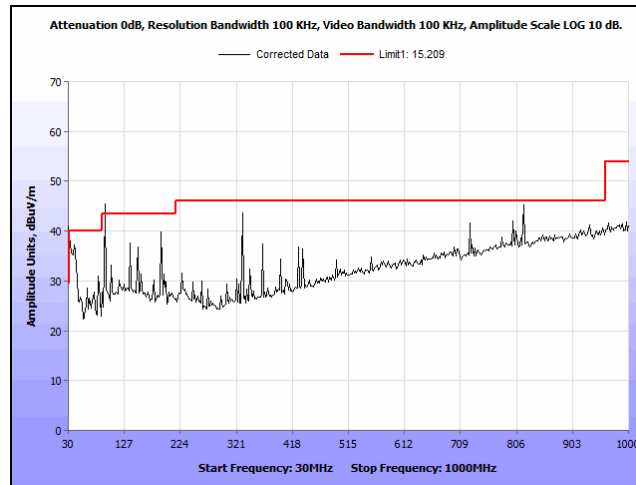
**Plot 1009. Undesirable Emissions, UNII 2C, PK, bandedge 5470, 34dBi, 100M, 5520M, pwr integration**



**Plot 1010. Undesirable Emissions, UNII 2C, Radiated Emissions below 1GHz, 13dBi, worst case**

Frequency (MHz)	EUT Azimuth (Degrees)	Antenna Polarity (H/V)	Antenna HEIGHT (m)	Uncorrected Amplitude (dBuV)	Antenna Correction Factor (dB) (+)	Cable Loss (dB) (+)	Distance Correction Factor (dB) (-)	Corrected Amplitude (dBuV/m)	Limit (dBuV/m)	Margin (dB)
95.12021	274	H	3.476	23.31	9.44	1.07	0	33.82	43.5	-9.68
95.12021	190	V	1.0952	16.14	9.44	1.07	0	26.65	43.5	-16.85

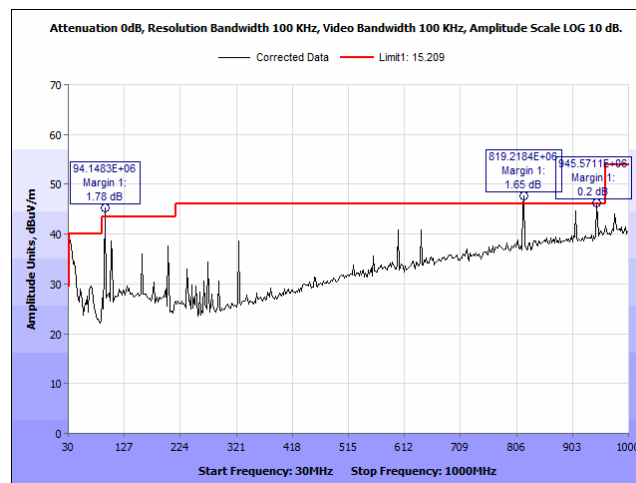
Table 24. Radiated Emissions bellows 1GHz, 13dBi, worst case, Quasi-Peak measurements, points of interest.



Plot 1011. Undesirable Emissions, UNII 2C, Radiated Emissions below 1GHz, 22dBi, worst case

Frequency (MHz)	EUT Azimuth (Degrees)	Antenna Polarity (H/V)	Antenna HEIGHT (m)	Uncorrected Amplitude (dBuV)	Antenna Correction Factor (dB) (+)	Cable Loss (dB) (+)	Distance Correction Factor (dB) (-)	Corrected Amplitude (dBuV/m)	Limit (dBuV/m)	Margin (dB)
817.2745	345	H	1.5447	16.03	22.35	4.28	0	42.66	46	-3.34
817.2745	335	V	1.6839	16.03	22.35	4.28	0	42.66	46	-3.34
95.12021	269	H	3.476	23.71	9.44	1.07	0	34.22	43.5	-9.28
95.12021	187	V	1.0952	16.11	9.44	1.07	0	26.62	43.5	-16.88

Table 25. Radiated Emissions bellows 1GHz, 22dBi, worst case, Quasi-Peak measurements, points of interest.



Plot 1012. Undesirable Emissions, UNII 2C, Radiated Emissions below 1GHz, 34dBi, worst case

Frequency (MHz)	EUT Azimuth (Degrees)	Antenna Polarity (H/V)	Antenna HEIGHT (m)	Uncorrected Amplitude (dBuV)	Antenna Correction Factor (dB) (+)	Cable Loss (dB) (+)	Distance Correction Factor (dB) (-)	Corrected Amplitude (dBuV/m)	Limit (dBuV/m)	Margin (dB)
94.1483	249	H	2.4534	8.75	9.14	1.52	0	19.41	43.5	-24.09
94.1483	336	V	3.3547	8.06	9.14	1.52	0	18.72	43.5	-24.78
819.2184	333	H	1.8517	6.03	22.38	4.29	0	32.7	46	-13.3
819.2184	27	V	1.5069	6.03	22.38	4.29	0	32.7	46	-13.3
945.5711	17	H	1.4408	6.9	23.4	4.63	0	34.93	46	-11.07
945.5711	340	V	2.0273	6.9	23.4	4.63	0	34.93	46	-11.07

**Table 26. Radiated Emissions bellows 1GHz, 34dBi, worst case, Quasi-Peak measurements, points of interest.**



## Electromagnetic Compatibility Criteria for Intentional Radiators

### § 15.407(b)(6) Conducted Emissions

**Test Requirement(s):** § 15.407 (b)(6): Any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in §15.207.

§ 15.207 (a): For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30MHz, shall not exceed the limits in the following table, as measured using a 50  $\mu$ H/50  $\Omega$  line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

Frequency range (MHz)	§ 15.207(a), Conducted Limit (dB $\mu$ V)	
	Quasi-Peak	Average
* 0.15- 0.45	66 – 56	56 - 46
0.45 - 0.5	56	46
0.5 - 30	60	50

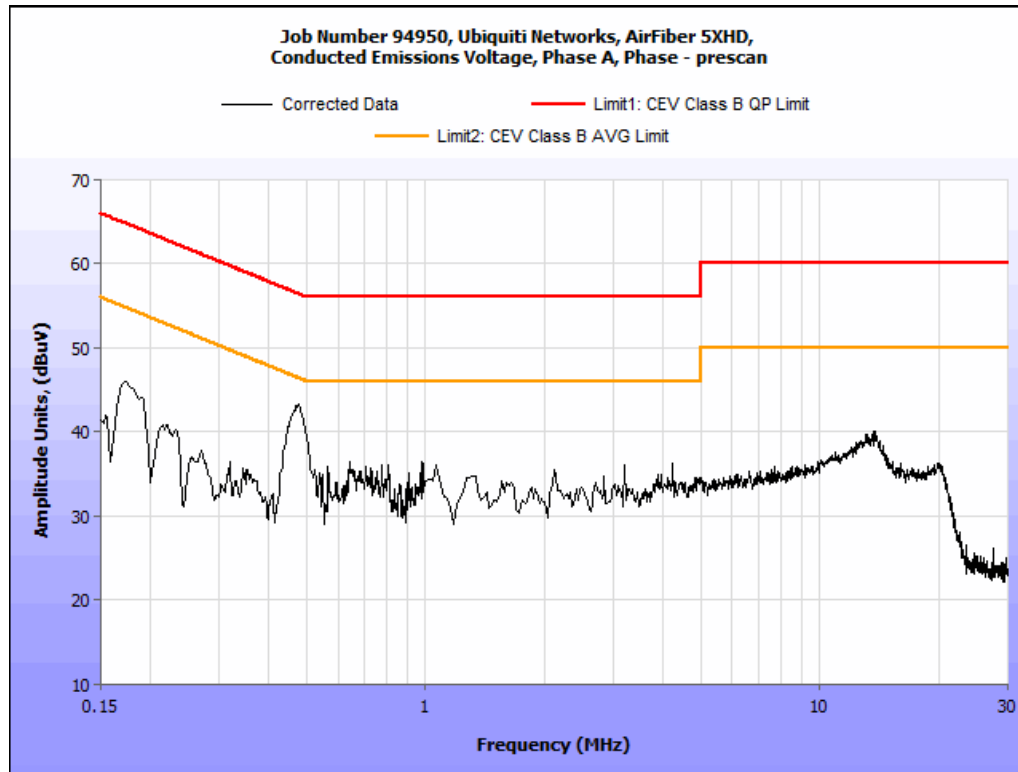
**Table 27. Conducted Limits for Intentional Radiators from FCC Part 15 § 15.207(a)**

**Test Procedure:** The EUT was placed on a non-metallic table inside a screen room. The EUT was situated such that the back of the EUT was 0.4 m from one wall of the vertical ground plane, and the remaining sides of the EUT were no closer than 0.8 m from any other conductive surface. The EUT was powered from a 50  $\Omega$ /50  $\mu$ H Line Impedance Stabilization Network (LISN). The EMC receiver scanned the frequency range from 150 kHz to 30 MHz. Conducted Emissions measurements were made in accordance with *ANSI C63.4-2014 "Methods and Measurements of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9kHz to 40 GHz"*. Scans were performed with the transmitter on.

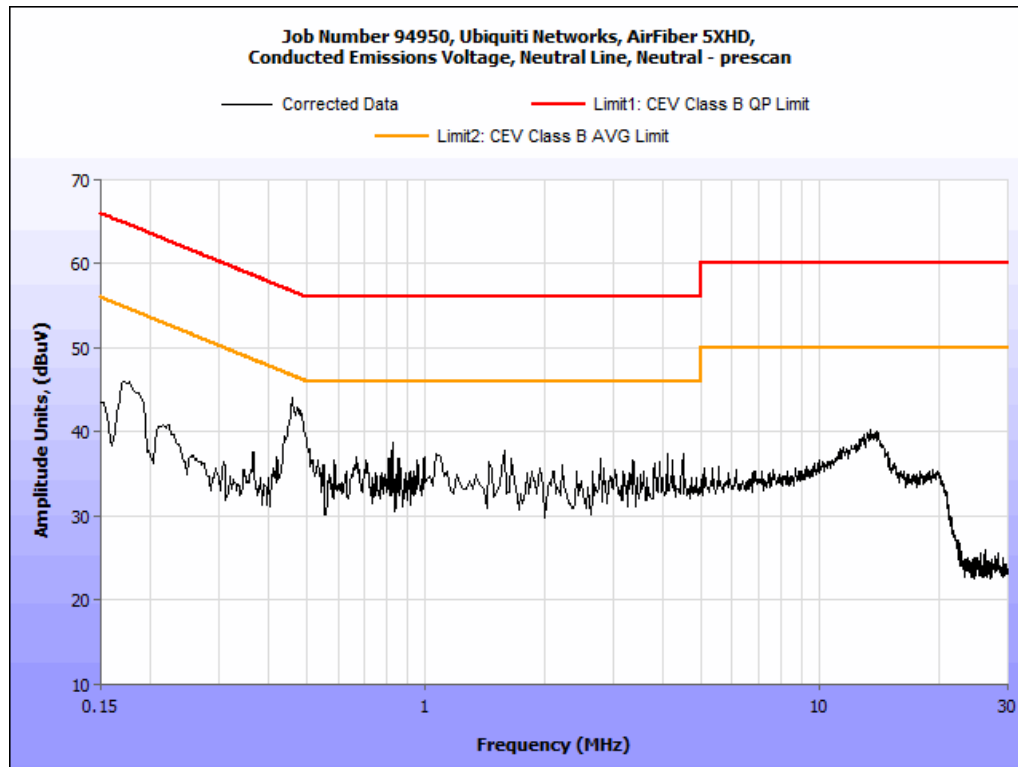
**Test Results:** The EUT was compliant with requirements of this section.

**Test Engineer(s):** Donald Salguero

**Test Date(s):** September 1, 2017



Plot 1013. Conducted Emissions, Phase Line



Plot 1014. Conducted Emissions, Neutral Line



**Plot 1015. Conducted Emissions, Test Setup**

## Electromagnetic Compatibility Criteria for Intentional Radiators

### § 15.407(f) Maximum Permissible Exposure

**Test Requirement(s):** §15.407(f): U-NII devices are subject to the radio frequency radiation exposure requirements specified in §1.1307(b), §2.1091 and §2.1093 of this chapter, as appropriate. All equipment shall be considered to operate in a “general population/uncontrolled” environment.

**RF Exposure Requirements:** §1.1307(b)(1) and §1.1307(b)(2): Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess of the Commission’s guidelines.

**RF Radiation Exposure Limit:** §1.1310: As specified in this section, the Maximum Permissible Exposure (MPE) Limit shall be used to evaluate the environmental impact of human exposure to radiofrequency (RF) radiation as specified in Sec. 1.1307(b), except in the case of portable devices which shall be evaluated according to the provisions of Sec. 2.1093 of this chapter.

MPE Limit: EUT’s operating frequencies @ 5250-5350 MHz and 5470 – 5725 MHz; **Limit for Uncontrolled exposure: 1 mW/cm<sup>2</sup> or 10 W/m<sup>2</sup>**

Equation from page 18 of OET 65, Edition 97-01

$$S = PG / 4\pi R^2 \quad \text{or} \quad R = \sqrt{(PG / 4\pi S)}$$

where, S = Power Density (mW/cm<sup>2</sup>)  
P = Power Input to antenna (mW)  
G = Antenna Gain (numeric value)  
R = Distance (cm)

#### Test Results:

FCC									
Frequency (MHz)	Con. Pwr. (dBm)	Con. Pwr. (mW)	Ant. Gain (dBi)	Ant. Gain numeric	Pwr. Density (mW/cm <sup>2</sup> )	Limit (mW/cm <sup>2</sup> )	Margin	Distance (cm)	Result
5600	16.951	49.556	13	19.953	0.19671	1	0.80329	20	Pass
5600	-4.074	0.391	34	2511.886	0.19558	1	0.80442	20	Pass
5600	7.932	6.212	22	158.489	0.19585	1	0.80415	20	Pass

The safe distance where Power Density is less than the MPE Limit listed above was found to be 20 cm.

## Electromagnetic Compatibility Criteria for Intentional Radiators

### § 15.407(g)      **Frequency Stability**

**Test Requirements:**      Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

**Test Results:**      Data for frequency stability compliance is provided by the customer as a separate exhibit.

## IV. Test Equipment

## Test Equipment

Calibrated test equipment utilized during testing was maintained in a current state of calibration per the requirements of ISO/IEC 17025:2005.

Asset	Equipment	Manufacturer	Model	Calibration Date	Calibration Due Date
1T4771	PSA Spectrum Analyzer	Agilent Technologies	E4446A	8/10/2016	2/10/2018
1T4409	EMI Receiver	Rohde & Schwarz	ESIB7	12/7/2016	12/7/2018
1T4483	Antenna; Horn	ETS-Lindgren	3117	4/19/2017	10/19/2018
1T4753	Antenna - Bilog	Sunol Sciences	JB6	10/24/2016	4/24/2018
1T4442	Pre-amplifier, Microwave	Miteq	AFS42-01001800-30-10P	See Note	
1T4612	Spectrum Analyzer	Agilent Technologies	E4407B	3/30/2017	9/30/2018
1T4565	LISN (24 AMP)	Solar Electronics Company	9252-50-R-24-BNC	8/15/2017	8/15/2018
1T4149	High-Frequency Anechoic Chamber	Ray Proof	81	Not Required	
1T4300	SEMI-ANECHOIC CHAMBER # 1 (NSA)	EMC TEST SYSTEMS	NONE	2/6/2015	2/6/2018

**Table 28. Test Equipment List**

Note: Functionally tested equipment is verified using calibrated instrumentation at the time of testing.

## **V. Certification & User's Manual Information**



## Certification & User's Manual Information

### L. Certification Information

The following is extracted from Title 47 of the Code of Federal Regulations, Part 2, Subpart I — Marketing of Radio frequency devices:

#### § 2.801 Radio-frequency device defined.

As used in this part, a radio-frequency device is any device which in its operation is capable of Emitting radio-frequency energy by radiation, conduction, or other means. Radio- frequency devices include, but are not limited to:

- (a) The various types of radio communication transmitting devices described throughout this chapter.
- (b) *The incidental, unintentional and intentional radiators defined in Part 15 of this chapter.*
- (c) The industrial, scientific, and medical equipment described in Part 18 of this chapter.
- (d) Any part or component thereof which in use emits radio-frequency energy by radiation, conduction, or other means.

#### § 2.803 Marketing of radio frequency devices prior to equipment authorization.

- (a) Except as provided elsewhere in this chapter, no person shall sell or lease, or offer for sale or lease (including advertising for sale or lease), or import, ship or distribute for the purpose of selling or leasing or offering for sale or lease, any radio frequency device unless:
  - (1) In the case of a device subject to certification, such device has been authorized by the Commission in accordance with the rules in this chapter and is properly identified and labeled as required by §2.925 and other relevant sections in this chapter; or
  - (2) In the case of a device that is not required to have a grant of equipment authorization issued by the Commission, but which must comply with the specified technical standards prior to use, such device also complies with all applicable administrative (including verification of the equipment or authorization under a Declaration of Conformity, where required), technical, labeling and identification requirements specified in this chapter.
- (d) Notwithstanding the provisions of paragraph (a) of this section, the offer for sale solely to business, commercial, industrial, scientific or medical users (but not an offer for sale to other parties or to end users located in a residential environment) of a radio frequency device that is in the conceptual, developmental, design or pre-production stage is permitted prior to equipment authorization or, for devices not subject to the equipment authorization requirements, prior to a determination of compliance with the applicable technical requirements *provided* that the prospective buyer is advised in writing at the time of the offer for sale that the equipment is subject to the FCC rules and that the equipment will comply with the appropriate rules before delivery to the buyer or to centers of distribution.

- (e)(1) Notwithstanding the provisions of paragraph (a) of this section, prior to equipment authorization or determination of compliance with the applicable technical requirements any radio frequency device may be operated, but not marketed, for the following purposes and under the following conditions:
- (i) *Compliance testing;*
  - (ii) Demonstrations at a trade show provided the notice contained in paragraph (c) of this section is displayed in a conspicuous location on, or immediately adjacent to, the device;
  - (iii) Demonstrations at an exhibition conducted at a business, commercial, industrial, scientific or medical location, but excluding locations in a residential environment, provided the notice contained in paragraphs (c) or (d) of this section, as appropriate, is displayed in a conspicuous location on, or immediately adjacent to, the device;
  - (iv) Evaluation of product performance and determination of customer acceptability, provided such operation takes place at the manufacturer's facilities during developmental, design or pre-production states; or
  - (v) Evaluation of product performance and determination of customer acceptability where customer acceptability of a radio frequency device cannot be determined at the manufacturer's facilities because of size or unique capability of the device, provided the device is operated at a business, commercial, industrial, scientific or medical user's site, but not at a residential site, during the development, design or pre-production stages.
- (e)(2) For the purpose of paragraphs (e)(1)(iv) and (e)(1)(v) of this section, the term *manufacturer's facilities* includes the facilities of the party responsible for compliance with the regulations and the manufacturer's premises, as well as the facilities of other entities working under the authorization of the responsible party in connection with the development and manufacture, but not the marketing, of the equipment.
- (f) For radio frequency devices subject to verification and sold solely to business, commercial, industrial, scientific and medical users (excluding products sold to other parties or for operation in a residential environment), parties responsible for verification of the devices shall have the option of ensuring compliance with the applicable technical specifications of this chapter at each end user's location after installation, provided that the purchase or lease agreement includes a proviso that such a determination of compliance be made and is the responsibility of the party responsible for verification of the equipment.

## Certification & User's Manual Information

The following is extracted from Title 47 of the Code of Federal Regulations, Part 2, Subpart J — Equipment Authorization Procedures:

### § 2.901 Basis and Purpose

- (a) In order to carry out its responsibilities under the Communications Act and the various treaties and international regulations, and in order to promote efficient use of the radio spectrum, the Commission has developed technical standards for radio frequency equipment and parts or components thereof. The technical standards applicable to individual types of equipment are found in that part of the rules governing the service wherein the equipment is to be operated.<sup>1</sup> *In addition to the technical standards provided, the rules governing the service may require that such equipment be verified by the manufacturer or importer, be authorized under a Declaration of Conformity, or receive an equipment authorization from the Commission by one of the following procedures: certification or registration.*
- (b) The following sections describe the verification procedure, the procedure for a Declaration of Conformity, and the procedures to be followed in obtaining certification from the Commission and the conditions attendant to such a grant.

### § 2.907 Certification.

- (a) Certification is an equipment authorization issued by the Commission, based on representation and test data submitted by the applicant.
- (b) Certification attaches to all units subsequently marketed by the grantee which are identical (see Section 2.908) to the sample tested except for permissive changes or other variations authorized by the Commission pursuant to Section 2.1043.

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<sup>1</sup> In this case, the equipment is subject to the rules of Part 15. More specifically, the equipment falls under Subpart B (of Part 15), which deals with unintentional radiators.

## Certification & User's Manual Information

### § 2.948 Description of measurement facilities.

- (a) Each party making measurements of equipment that is subject to an equipment authorization under Part 15 or Part 18 of this chapter, regardless of whether the measurements are filed with the Commission or kept on file by the party responsible for compliance of equipment marketed within the U.S. or its possessions, shall compile a description of the measurement facilities employed.
  - (1) If the measured equipment is subject to the verification procedure, the description of the measurement facilities shall be retained by the party responsible for verification of the equipment.
    - (i) *If the equipment is verified through measurements performed by an independent laboratory, it is acceptable for the party responsible for verification of the equipment to rely upon the description of the measurement facilities retained by or placed on file with the Commission by that laboratory. In this situation, the party responsible for the verification of the equipment is not required to retain a duplicate copy of the description of the measurement facilities.*
    - (ii) If the equipment is verified based on measurements performed at the installation site of the equipment, no specific site calibration data is required. It is acceptable to retain the description of the measurement facilities at the site at which the measurements were performed.
  - (2) If the equipment is to be authorized by the Commission under the certification procedure, the description of the measurement facilities shall be filed with the Commission's Laboratory in Columbia, Maryland. The data describing the measurement facilities need only be filed once but must be updated as changes are made to the measurement facilities or as otherwise described in this section. At least every three years, the organization responsible for filing the data with the Commission shall certify that the data on file is current.

## Certification & User's Manual Information

### Label and User's Manual Information

The following is extracted from Title 47 of the Code of Federal Regulations, Part 15, Subpart A — General:

#### § 15.19 Labeling requirements.

(a) *In addition to the requirements in Part 2 of this chapter, a device subject to certification or verification shall be labeled as follows:*

- (1) Receivers associated with the operation of a licensed radio service, e.g., FM broadcast under Part 73 of this chapter, land mobile operation under Part 90, etc., shall bear the following statement in a conspicuous location on the device:

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

- (2) A stand-alone cable input selector switch, shall bear the following statement in a conspicuous location on the device:

This device is verified to comply with Part 15 of the FCC Rules for use with cable television service.

- (3) All other devices shall bear the following statement in a conspicuous location on the device:

*This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.*

- (4) Where a device is constructed in two or more sections connected by wires and marketed together, the statement specified under paragraph (a) of this section is required to be affixed only to the main control unit.

- (5) When the device is so small or for such use that it is not practicable to place the statement specified under paragraph (a) of this section on it, the information required by this paragraph shall be placed in a prominent location in the instruction manual or pamphlet supplied to the user or, alternatively, shall be placed on the container in which the device is marketed. However, the FCC identifier or the unique identifier, as appropriate, must be displayed on the device.

#### § 15.21 Information to user.

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## Verification & User's Manual Information

The following is extracted from Title 47 of the Code of Federal Regulations, Part 15, Subpart B — Unintentional Radiators:

### § 15.105 Information to the user.

- (a) For a Class A digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at own expense.

- (b) For a Class B digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.