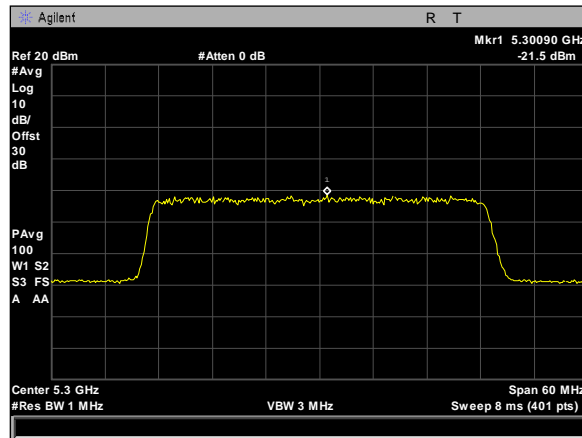
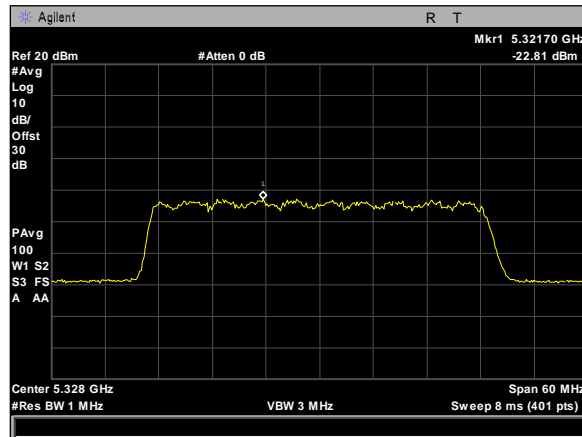


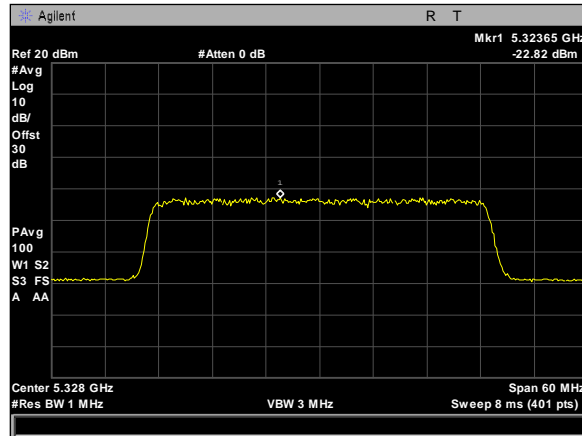
Plot 426. Power Spectral Density, 3Para, 40M, 5300M, rf1



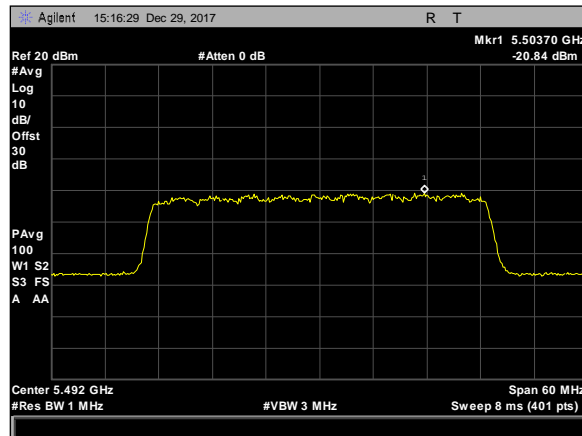
Plot 427. Power Spectral Density, 3Para, 40M, 5300M, rf2



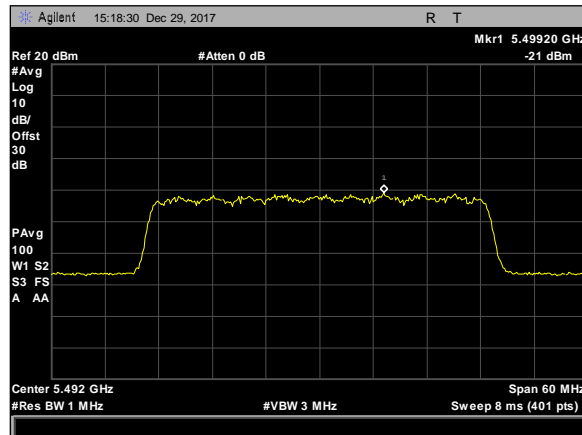
Plot 428. Power Spectral Density, 3Para, 40M, 5328M, rf1



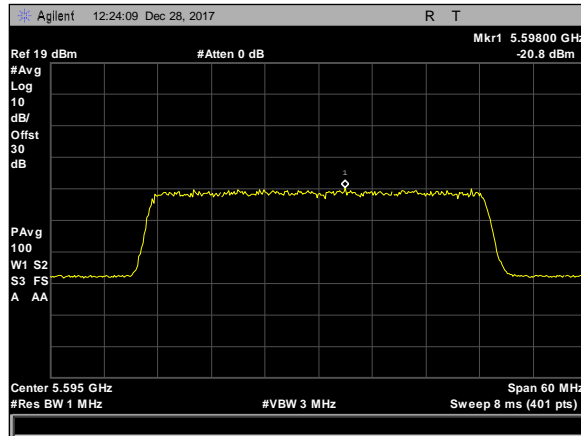
Plot 429. Power Spectral Density, 3Para, 40M, 5328M, rf2



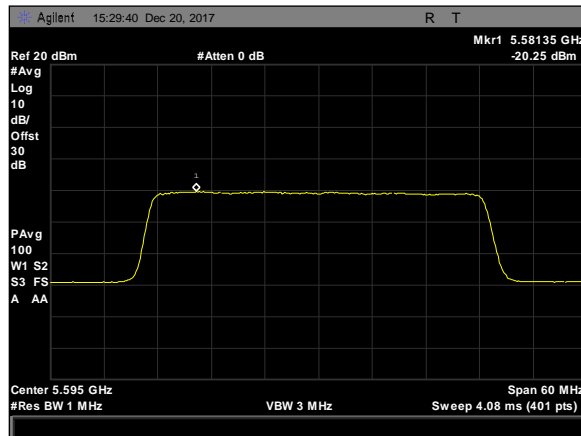
Plot 430. Power Spectral Density, 3Para, 40M, 5492M, rf1



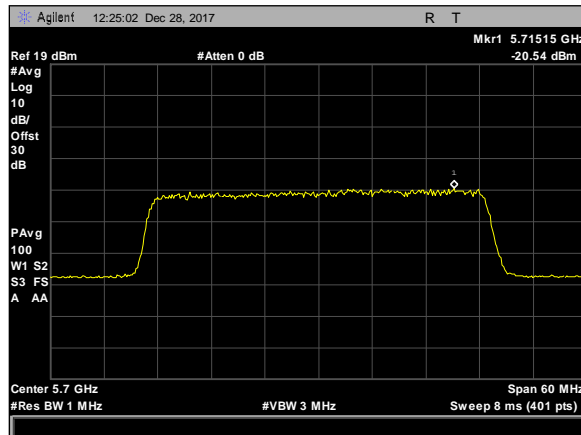
Plot 431. Power Spectral Density, 3Para, 40M, 5492M, rf2



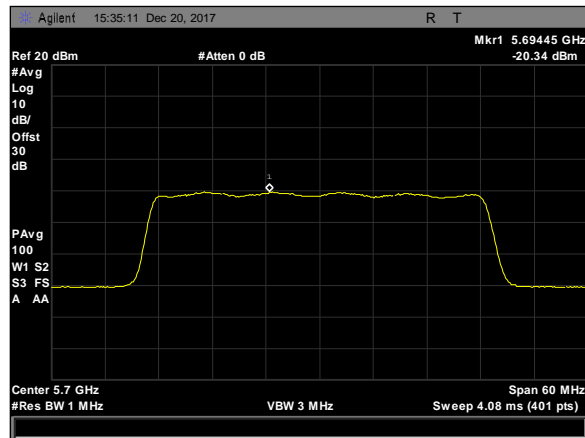
Plot 432. Power Spectral Density, 3Para, 40M, 5595M, rf1



Plot 433. Power Spectral Density, 3Para, 40M, 5595M, rf2



Plot 434. Power Spectral Density, 3Para, 40M, 5700M, rf1



Plot 435. Power Spectral Density, 3Para, 40M, 5700M, rf2



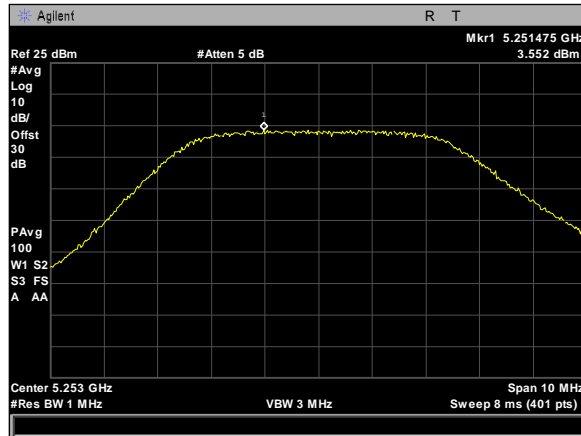
Frequency (MHz)	RF1	RF2	Total Power	Antenna Gain	Limit dBm	OP Margin
5 MHz						
5252.5	3.552	3.422	9.87020804	5	11	-1.129791957
5300	3.945	3.093	9.92258142	5	11	-1.077418582
5330	3.741	3.129	9.82849297	5	11	-1.171507025
10 MHz						
5255	4.125	3.036	9.99726614	5	11	-1.002733862
5300	3.929	2.839	9.80082853	5	11	-1.199171472
5330	3.744	3.362	9.93992032	5	11	-1.060079683
20 MHz						
5260	3.947	3.121	9.93632959	5	11	-1.063670405
5300	4.1	2.532	9.76910548	5	11	-1.230894518
5330	1.289	0.919	9.07043776	5	11	-1.92956224
40MHz						
5270	3.759	2.393	9.51220823	5	11	-1.487791765
5300	4.097	2.384	9.70713769	5	11	-1.292862308
5330	-12.2	-12.8	-6.0982585	5	11	-17.09825847

Table 30. Power Spectral Density, UNII 2A, 5 Omni, Test Results

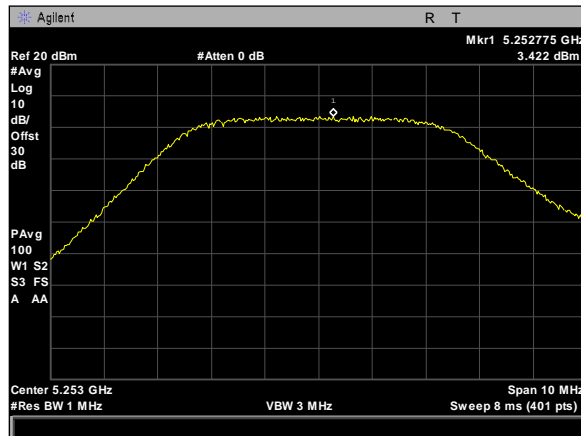
Frequency (MHz)	RF1	RF2	Total Power	Antenna Gain	Limit dBm	PSD Margin
5 MHz						
5490	3.993	3.885	10.3220573	5	11	-0.677942652
5595	3.534	4.614	10.4902072	5	11	-0.509792819
5700	4.385	4.615	10.884244	5	11	-0.115755954
10 MHz						
5490	3.806	4.816	10.7230166	5	11	-0.27698345
5595	3.575	4.436	10.4095237	5	11	-0.590476278
5700	4.144	4.867	10.9032496	5	11	-0.096750352
20 MHz						
5490	0.789	0.75	7.15226542	5	11	-3.847734582
5595	3.604	4.545	10.4826581	5	11	-0.517341867
5700	1.061	1.992	7.9341214	5	11	-3.065878596
40MHz						
5490	-11.9	-11.5	-5.3043317	5	11	-16.30433172
5595	2.599	4.905	10.2860106	5	11	-0.713989378
5700	-7.84	-7.65	-1.3592612	5	11	-12.35926116

Table 31. Power Spectral Density, UNII 2C, 5 Omni, Test Results

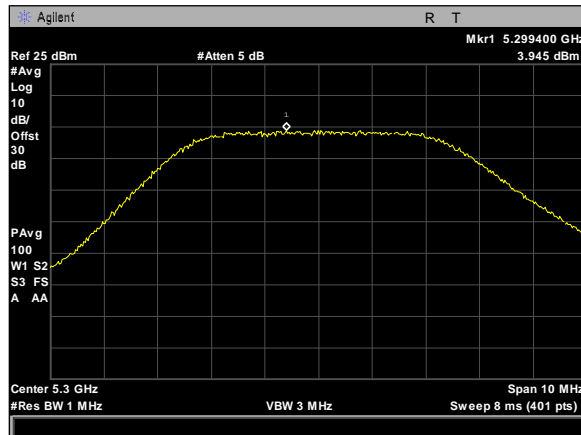
Note: All testing was performed using QPSK 1/16 modulation.



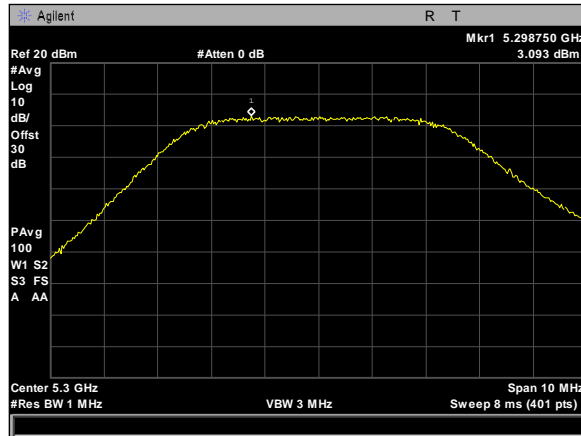
Plot 436. Power Spectral Density, 5Omni, 5M, 5252.5M, rf1



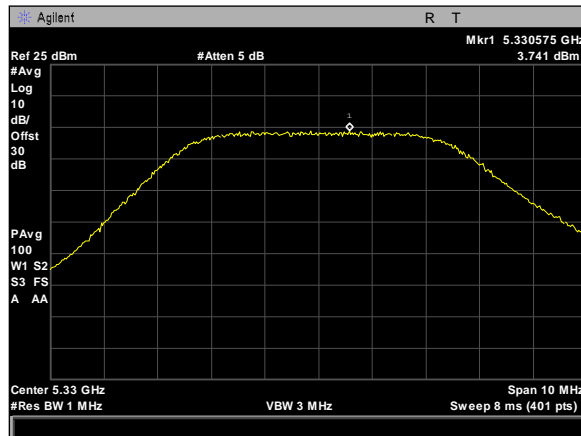
Plot 437. Power Spectral Density, 5Omni, 5M, 5252.5M, rf2



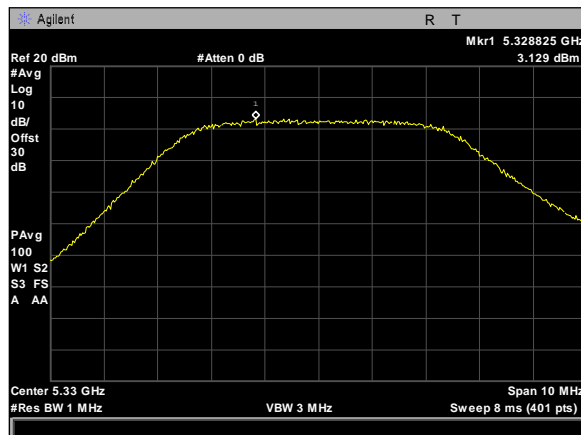
Plot 438. Power Spectral Density, 5Omni, 5M, 5300M, rf1



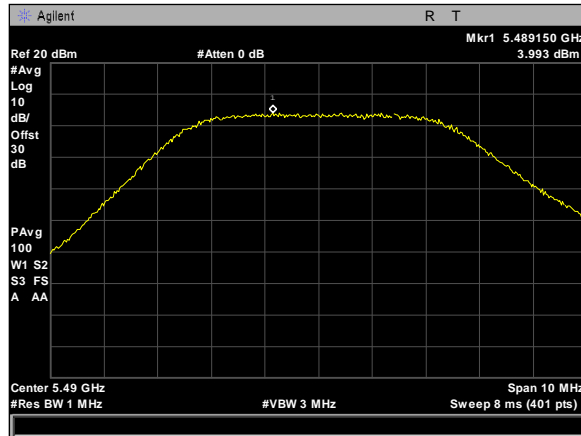
Plot 439. Power Spectral Density, 5Omni, 5M, 5300M, rf2



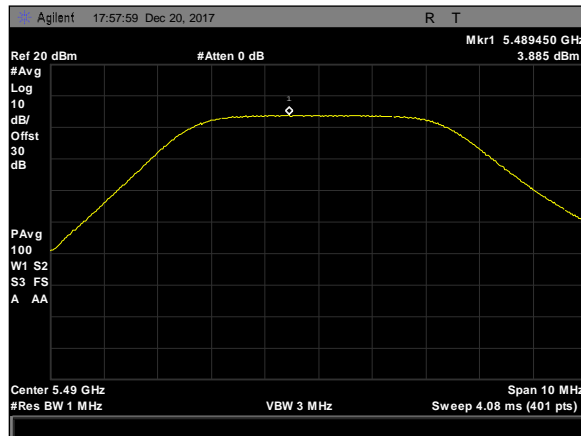
Plot 440. Power Spectral Density, 5Omni, 5M, 5330M, rf1



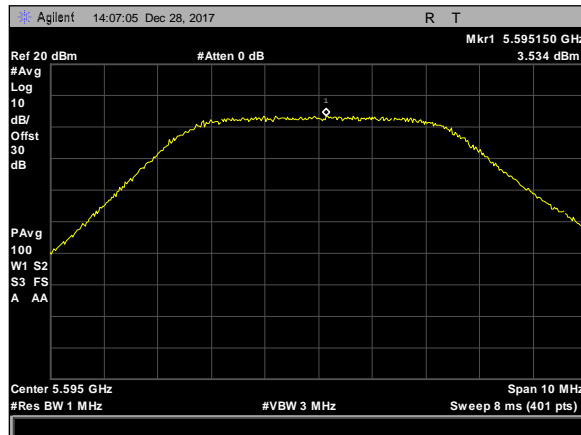
Plot 441. Power Spectral Density, 5Omni, 5M, 5330M, rf2



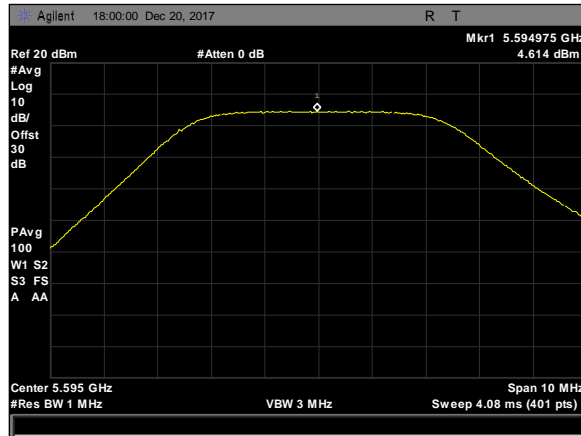
Plot 442. Power Spectral Density, 5Omni, 5M, 5490M, rf1



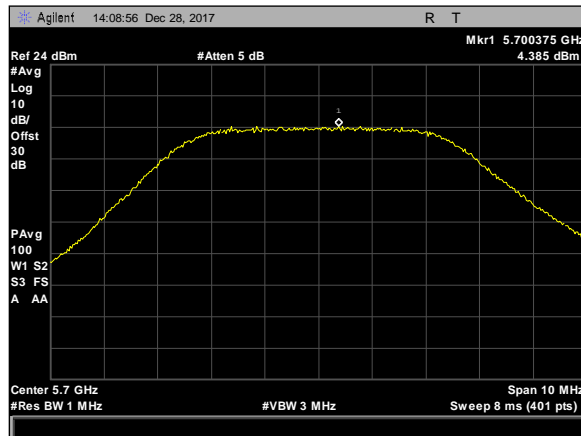
Plot 443. Power Spectral Density, 5Omni, 5M, 5490M, rf2



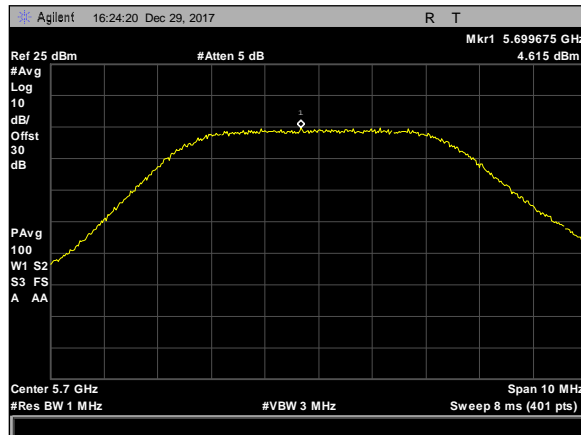
Plot 444. Power Spectral Density, 5Omni, 5M, 5595M, rf1



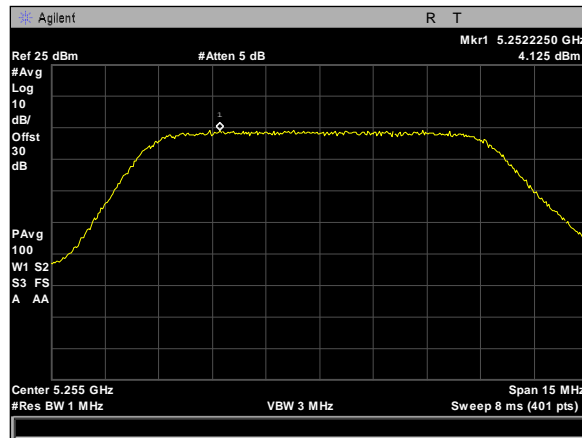
Plot 445. Power Spectral Density, 5Omni, 5M, 5595M, rf2



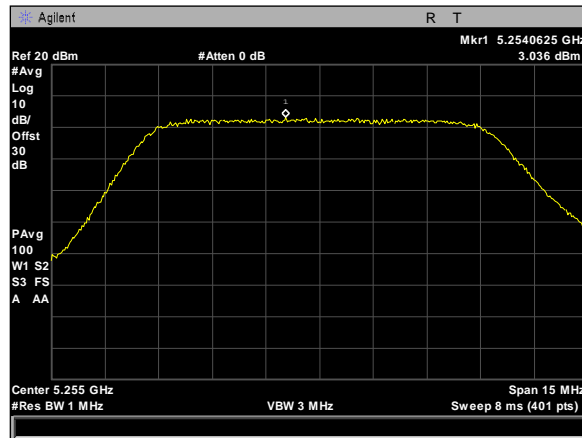
Plot 446. Power Spectral Density, 5Omni, 5M, 5700M, rf1



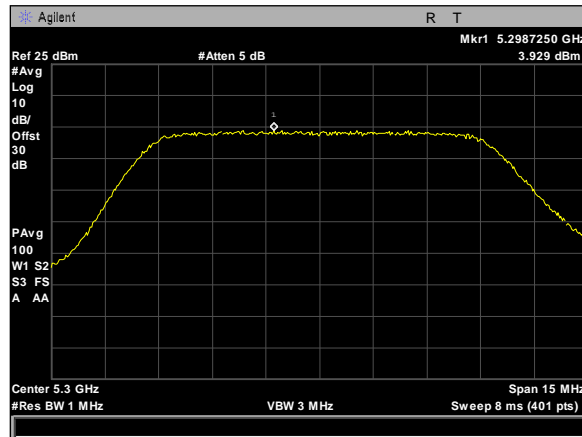
Plot 447. Power Spectral Density, 5Omni, 5M, 5700M, rf2



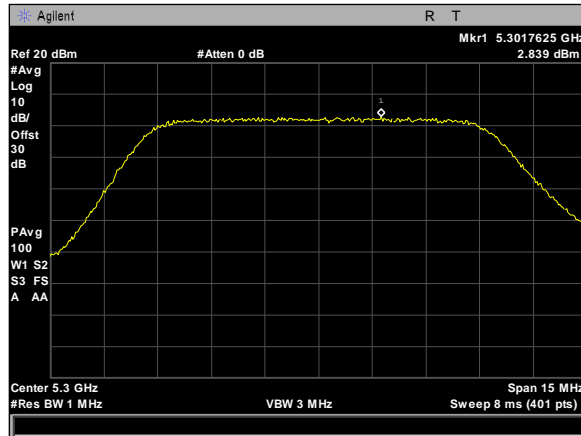
Plot 448. Power Spectral Density, 50mni, 10M, 5255M, rf1



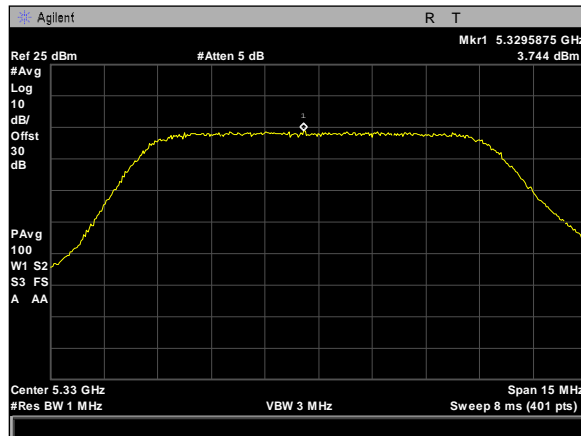
Plot 449. Power Spectral Density, 50mni, 10M, 5255M, rf2



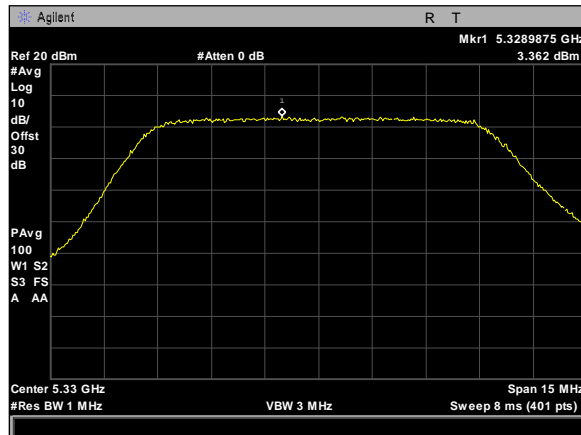
Plot 450. Power Spectral Density, 50mni, 10M, 5300M, , rf1



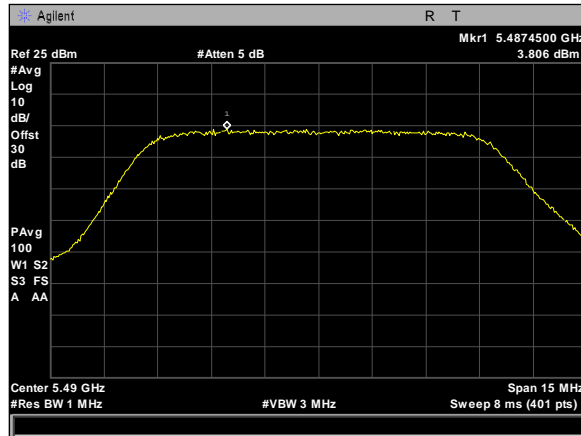
Plot 451. Power Spectral Density, 50mni, 10M, 5300M, rf2



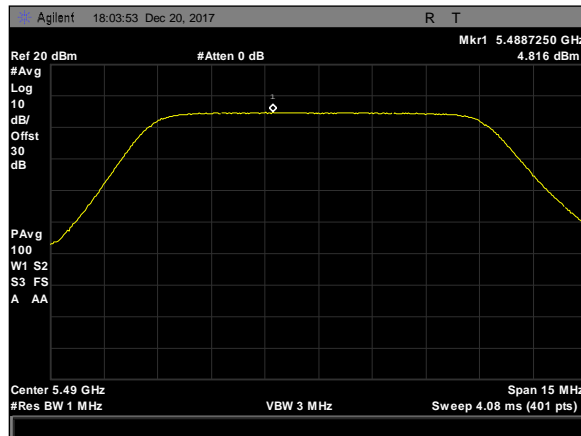
Plot 452. Power Spectral Density, 50mni, 10M, 5330M, rf1



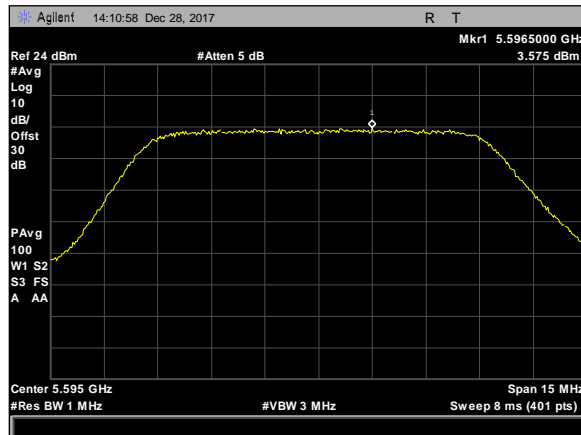
Plot 453. Power Spectral Density, 50mni, 10M, 5330M, rf2



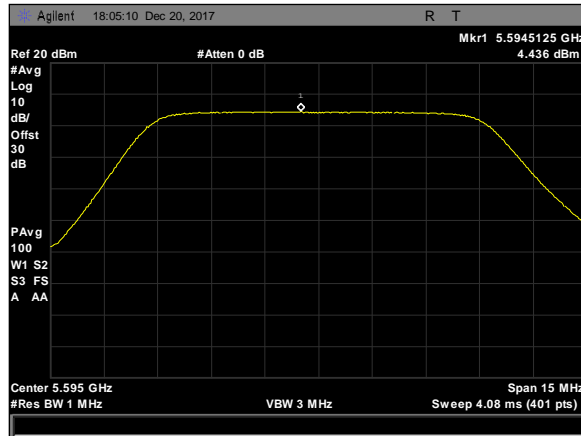
Plot 454. Power Spectral Density, 5Omni, 10M, 5490M, rf1



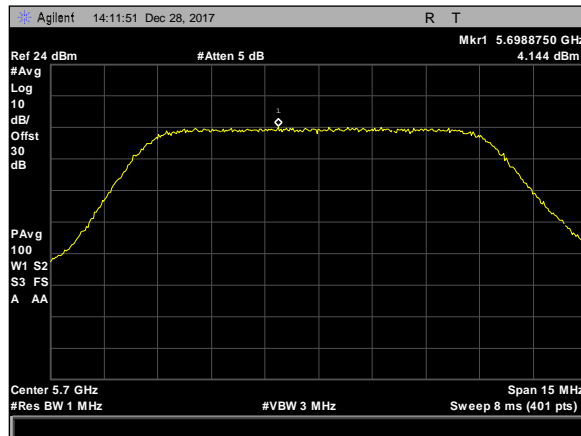
Plot 455. Power Spectral Density, 5Omni, 10M, 5490M, rf2



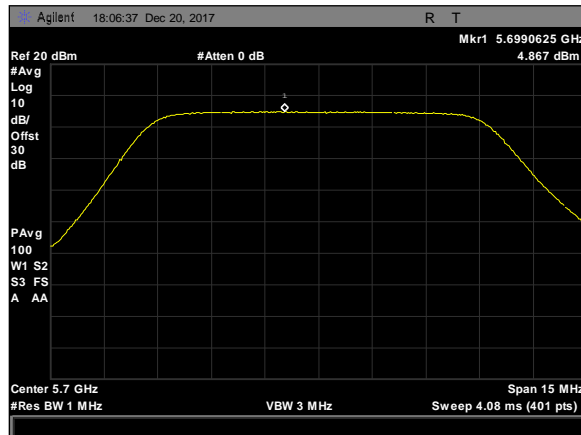
Plot 456. Power Spectral Density, 5Omni, 10M, 5595M, rf1



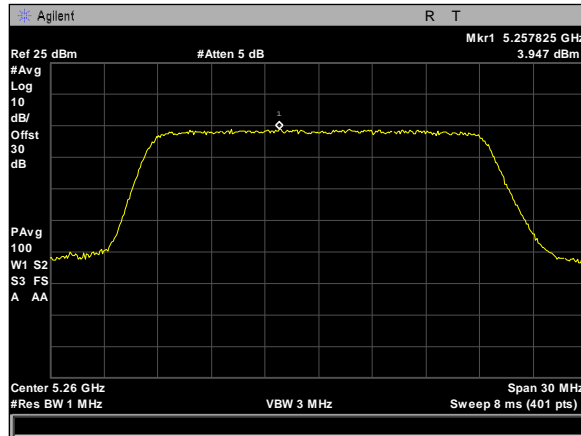
Plot 457. Power Spectral Density, 50mni, 10M, 5595M, rf2



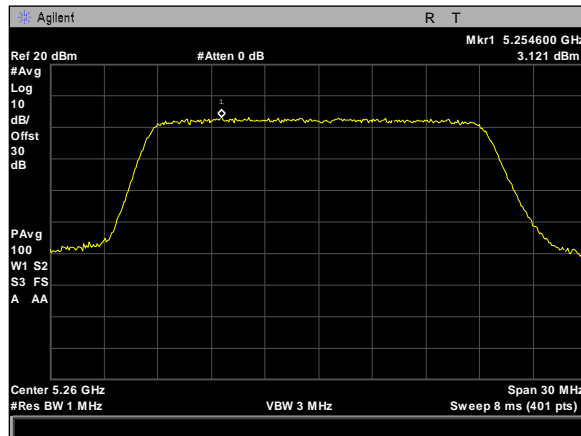
Plot 458. Power Spectral Density, 50mni, 10M, 5700M, rf1



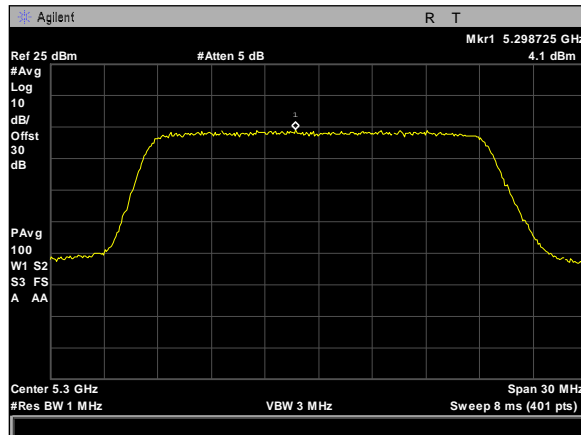
Plot 459. Power Spectral Density, 50mni, 10M, 5700M, rf2



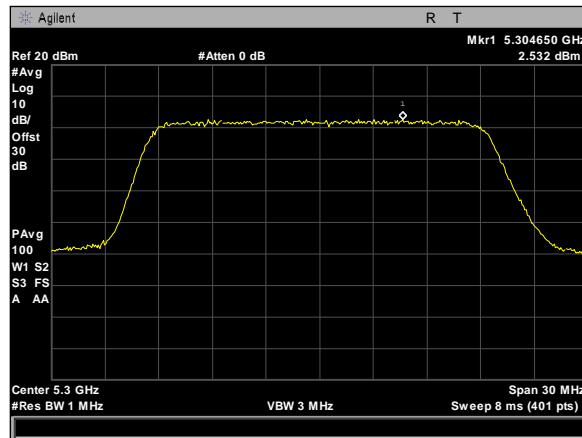
Plot 460. Power Spectral Density, 5Omni, 20M, 5260M, rf1



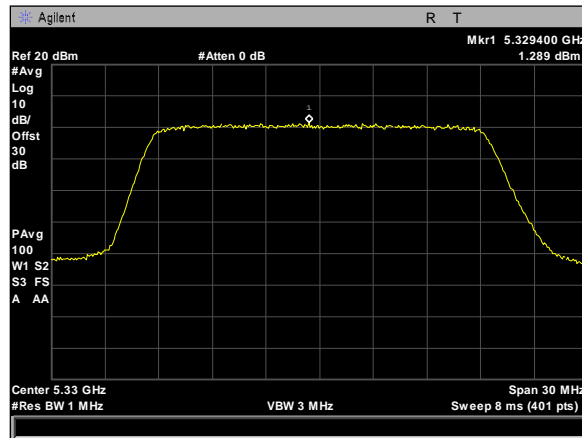
Plot 461. Power Spectral Density, 5Omni, 20M, 5260M, rf2



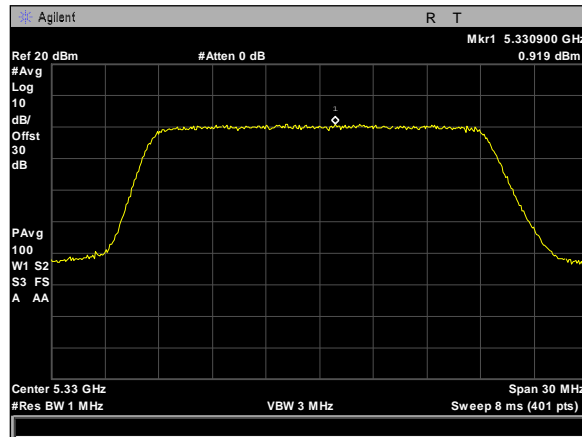
Plot 462. Power Spectral Density, 5Omni, 20M, 5300M, rf1



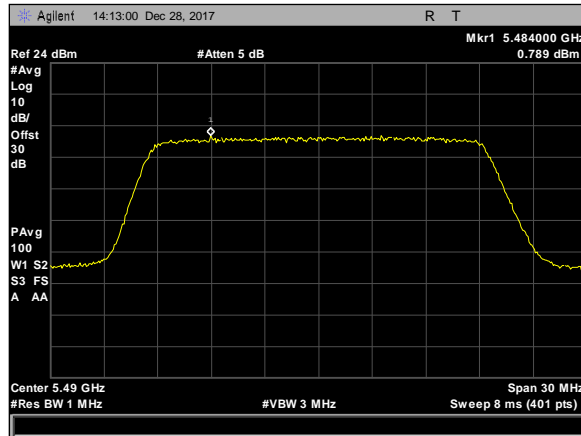
Plot 463. Power Spectral Density, 50mni, 20M, 5300M, rf2



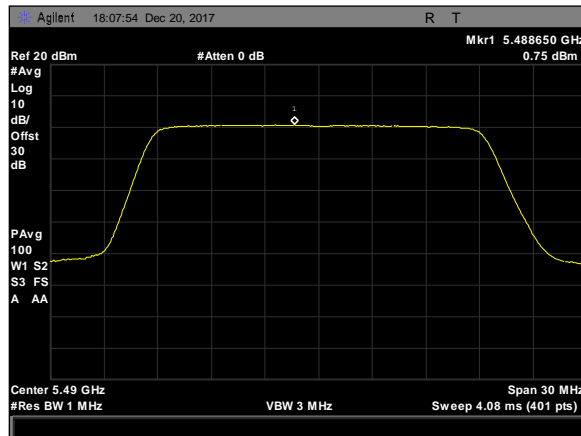
Plot 464. Power Spectral Density, 50mni, 20M, 5330M, rf1



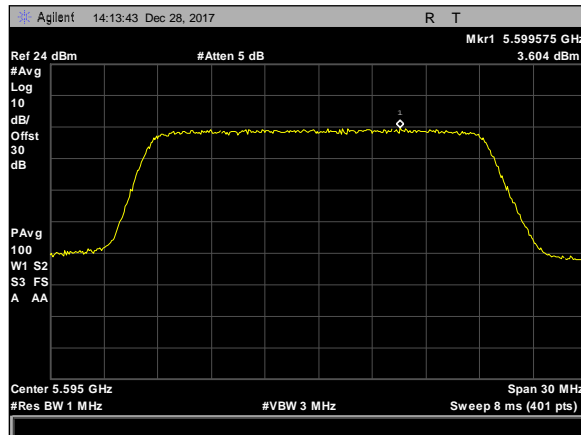
Plot 465. Power Spectral Density, 50mni, 20M, 5330M, rf2



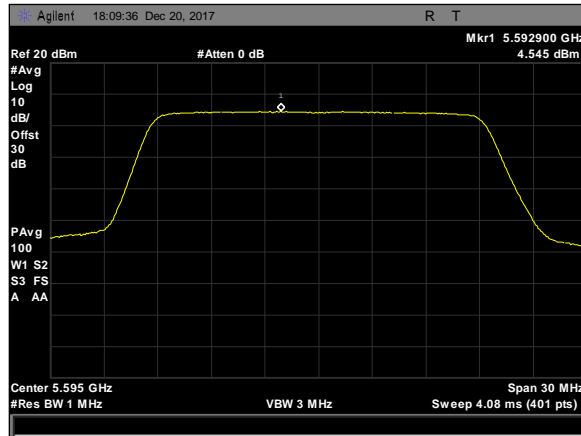
Plot 466. Power Spectral Density, 5Omni, 20M, 5490M, rf1



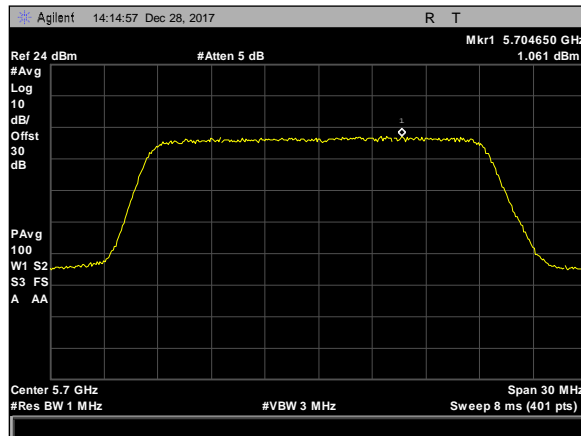
Plot 467. Power Spectral Density, 5Omni, 20M, 5490M, rf2



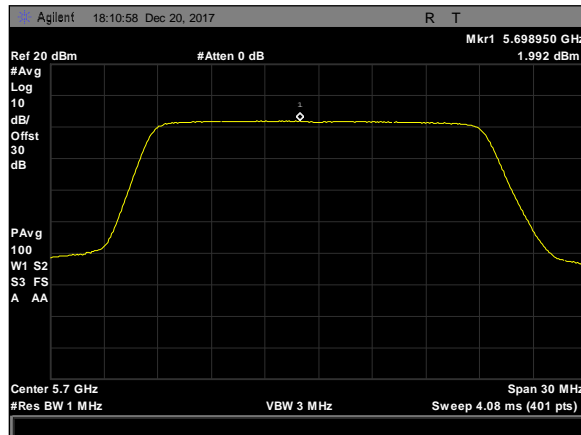
Plot 468. Power Spectral Density, 5Omni, 20M, 5595M, rf1



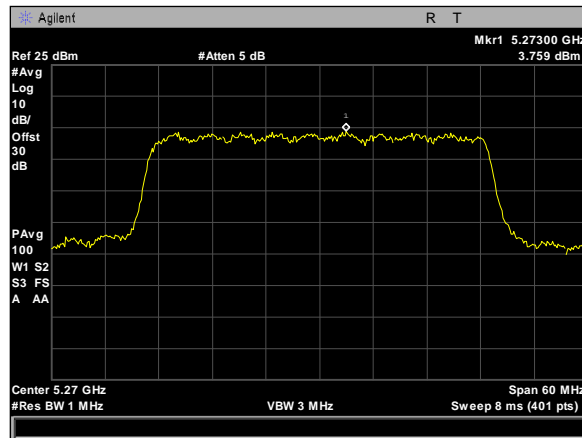
Plot 469. Power Spectral Density, 50mni, 20M, 5595M, rf2



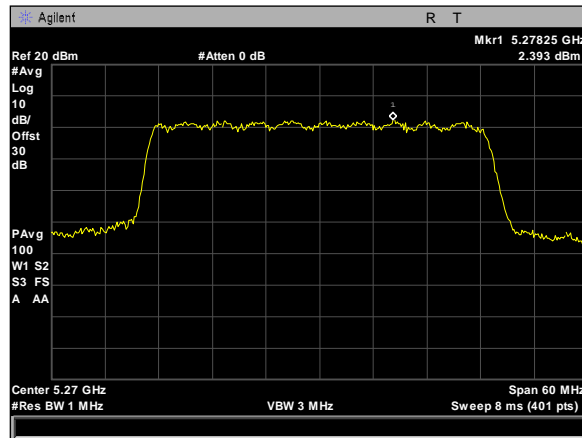
Plot 470. Power Spectral Density, 50mni, 20M, 5700M, rf1



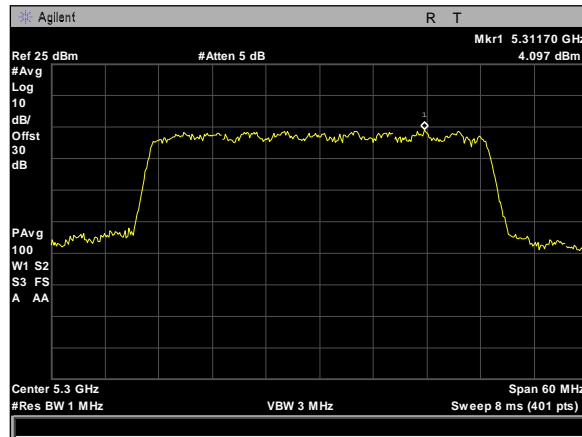
Plot 471. Power Spectral Density, 50mni, 20M, 5700M, rf2



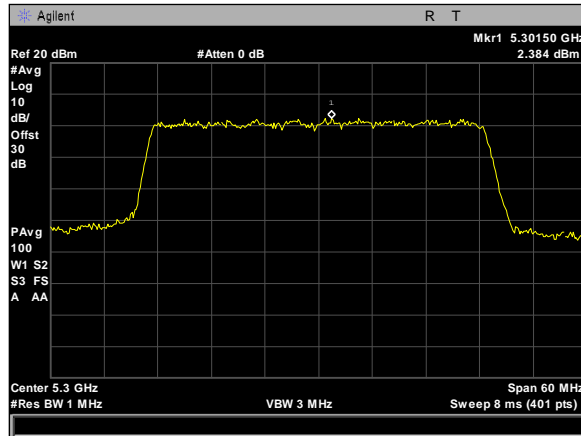
Plot 472. Power Spectral Density, 50mni, 40M, 5270M, rf1



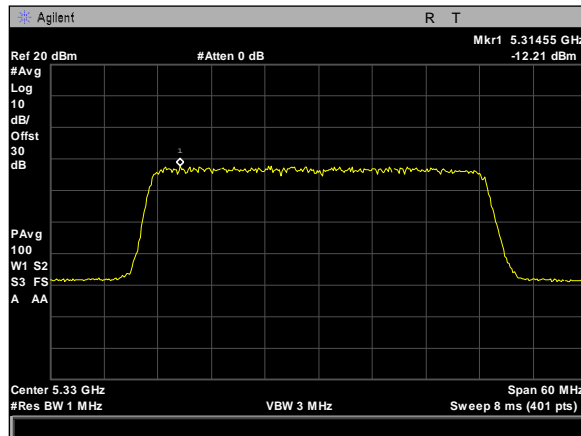
Plot 473. Power Spectral Density, 50mni, 40M, 5270M, rf2



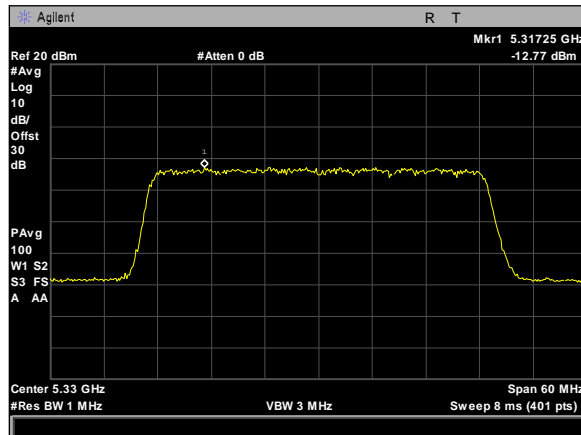
Plot 474. Power Spectral Density, 50mni, 40M, 5300M, rf1



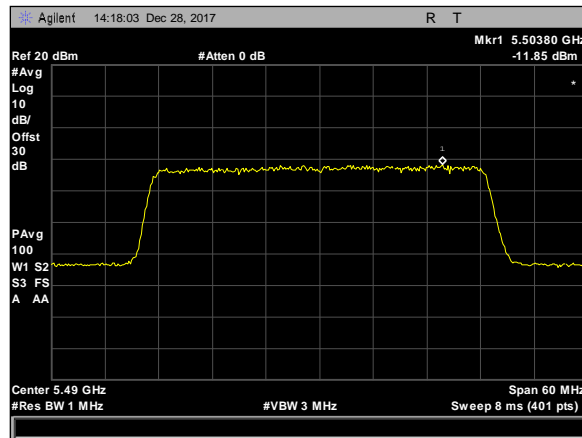
Plot 475. Power Spectral Density, 50mni, 40M, 5300M, rf2



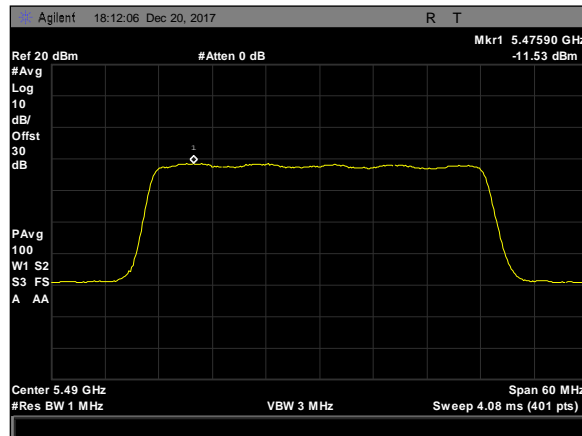
Plot 476. Power Spectral Density, 50mni, 40M, 5330M, rf1



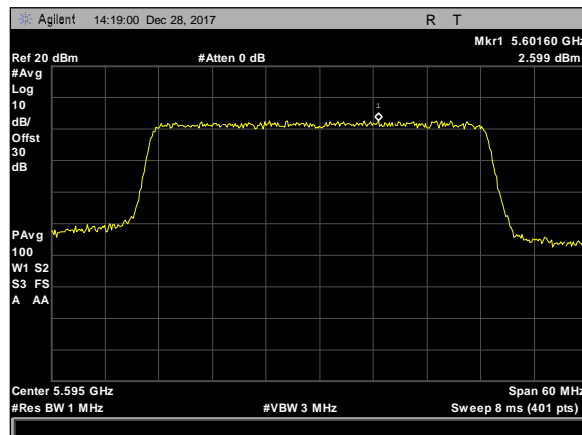
Plot 477. Power Spectral Density, 50mni, 40M, 5330M, rf2



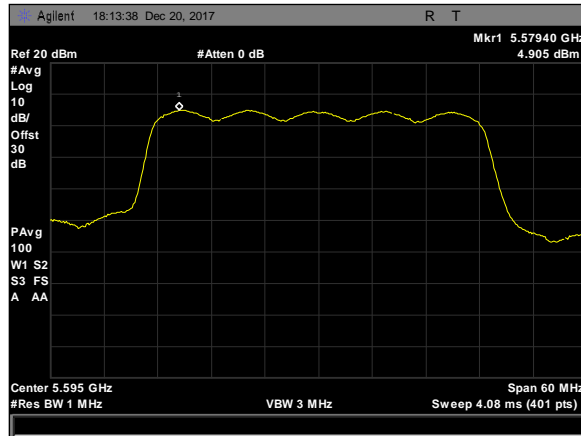
Plot 478. Power Spectral Density, 50mni, 40M, 5490M, rf1



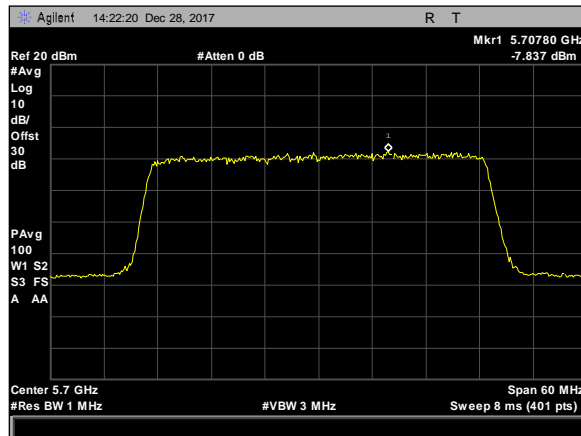
Plot 479. Power Spectral Density, 50mni, 40M, 5490M, rf2



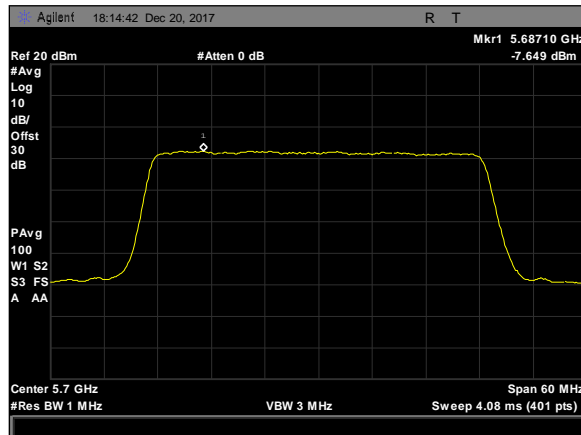
Plot 480. Power Spectral Density, 50mni, 40M, 5595M, rf1



Plot 481. Power Spectral Density, 50mni, 40M, 5595M, rf2



Plot 482. Power Spectral Density, 50mni, 40M, 5700M, rf1



Plot 483. Power Spectral Density, 50mni, 40M, 5700M, rf2



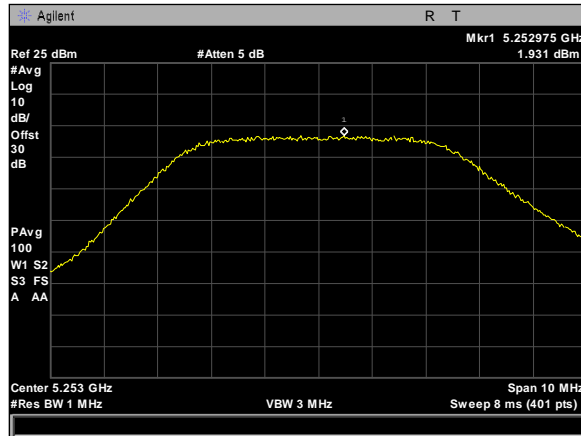
Frequency (MHz)	RF1	RF2	Total Power	Antenna Gain	Limit dBm	OP Margin
5 MHz						
5252.5	1.931	1.611	8.15666828	8	9	-0.843331718
5300	1.668	1.466	7.95089597	8	9	-1.049104032
5330	2.217	1.589	8.29706305	8	9	-0.702936952
10 MHz						
5255	1.941	1.766	8.23710304	8	9	-0.762896961
5300	2.006	1.57	8.17619075	8	9	-0.823809254
5330	1.827	1.677	8.13536921	8	9	-0.86463079
20 MHz						
5260	1.639	1.524	7.96460227	8	9	-1.035397725
5300	1.701	1.247	7.86265144	8	9	-1.137348564
5330	-1.37	0.038	5.77269419	8	9	-3.227305808
40MHz						
5270	2.236	2.556	8.78166828	8	9	-0.218331718
5300	1.667	1.963	8.20024294	8	9	-0.799757057
5330	-16	-14.4	-8.7062513	8	9	-17.70625131

Table 32. Power Spectral Density, UNII 2A, 8 Omni, Test Results

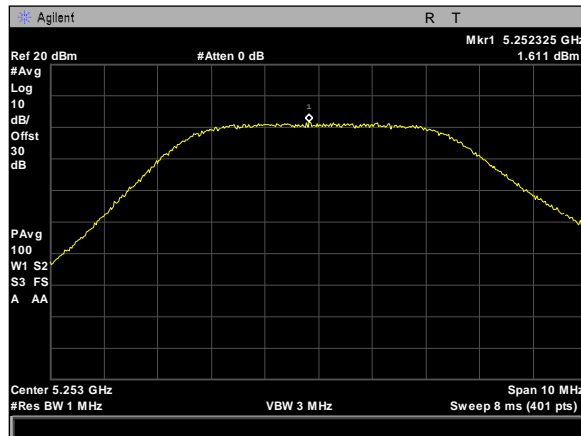
Frequency (MHz)	RF1	RF2	Total PSD	Antenna Gain	Limit dBm	PSD Margin
5 MHz						
5490	2.074	1.922	8.38138659	8	9	-0.618613408
5595	1.387	2.523	8.37475969	8	9	-0.62524031
5700	2.772	2.363	8.9550346	8	9	-0.044965404
10 MHz						
5490	2.311	1.587	8.3467912	8	9	-0.6532088
5595	1.649	2.573	8.51824908	8	9	-0.48175092
5700	1.726	2.204	8.35429462	8	9	-0.645705379
20 MHz						
5490	-0.88	-1.2	5.34966828	8	9	-3.650331718
5595	1.416	2.414	8.32632608	8	9	-0.673673916
5700	-1.22	-0.81	5.37460543	8	9	-3.625394566
40MHz						
5490	-14.2	-14.2	-7.8222064	8	9	-16.8222064
5595	1.018	2.338	8.11068009	8	9	-0.889319914
5700	-8.72	-8.48	-2.2161891	8	9	-11.21618905

Table 33. Power Spectral Density, UNII 2C, 8 Omni, Test Results

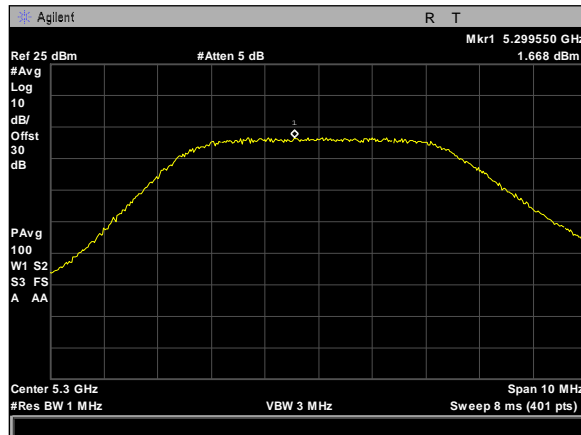
Note: All testing was performed using QPSK 1/16 modulation.



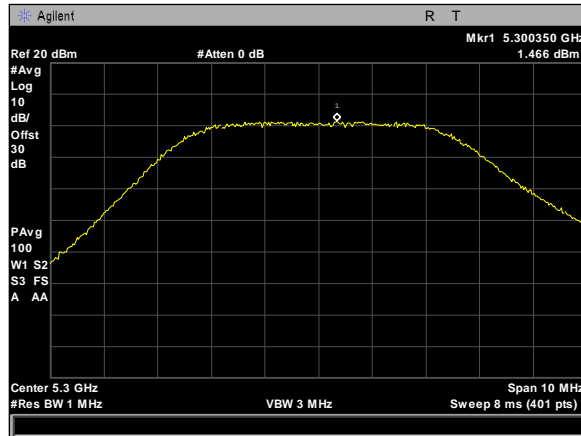
Plot 484. Power Spectral Density, 8Omni, 5M, 5252.5M, rf1



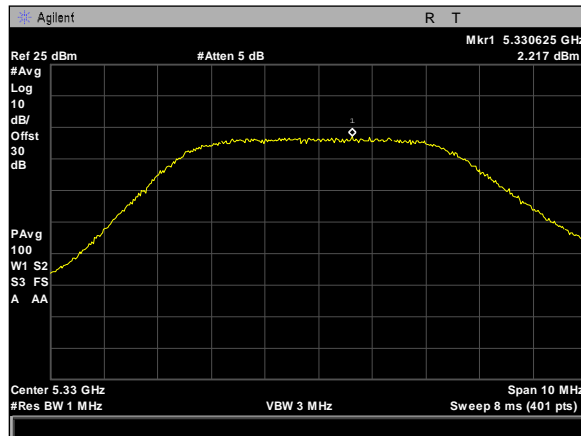
Plot 485. Power Spectral Density, 8Omni, 5M, 5252.5M, rf2



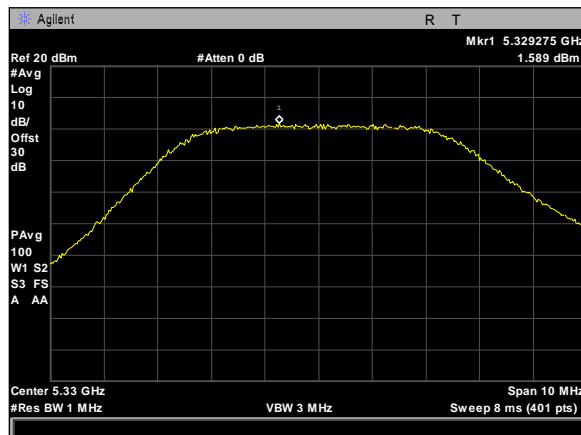
Plot 486. Power Spectral Density, 8Omni, 5M, 5300M, rf1



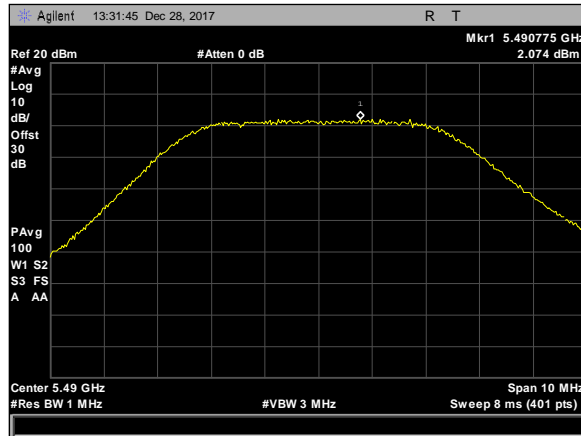
Plot 487. Power Spectral Density, 8Omni, 5M, 5300M, rf2



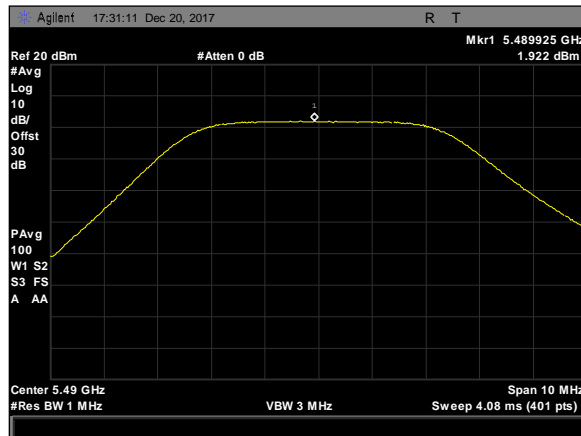
Plot 488. Power Spectral Density, 8Omni, 5M, 5330M, rf1



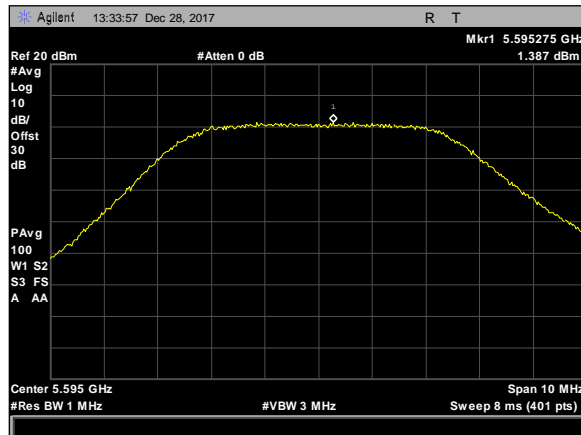
Plot 489. Power Spectral Density, 8Omni, 5M, 5330M, rf2



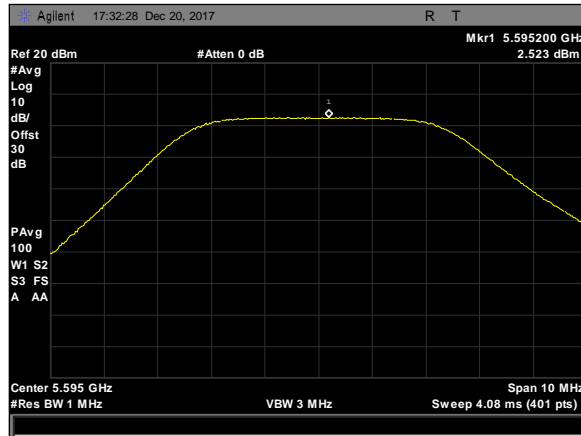
Plot 490. Power Spectral Density, 8Omni, 5M, 5490M, rf1



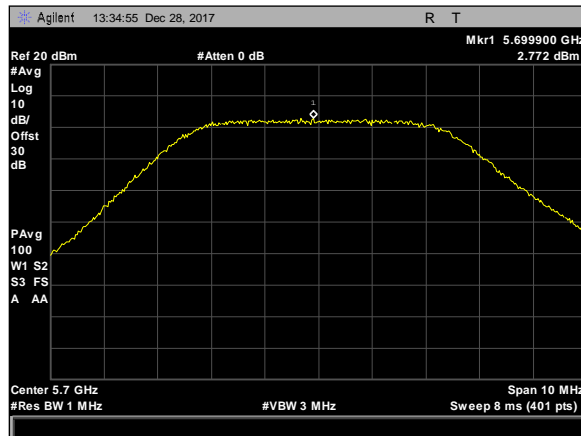
Plot 491. Power Spectral Density, 8Omni, 5M, 5490M, rf2



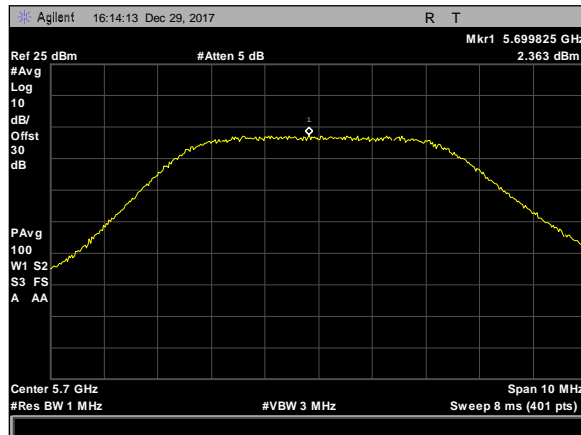
Plot 492. Power Spectral Density, 8Omni, 5M, 5595M, rf1



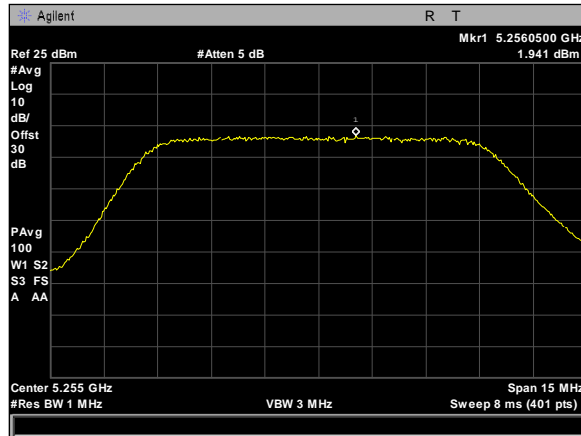
Plot 493. Power Spectral Density, 8Omni, 5M, 5595M, rf2



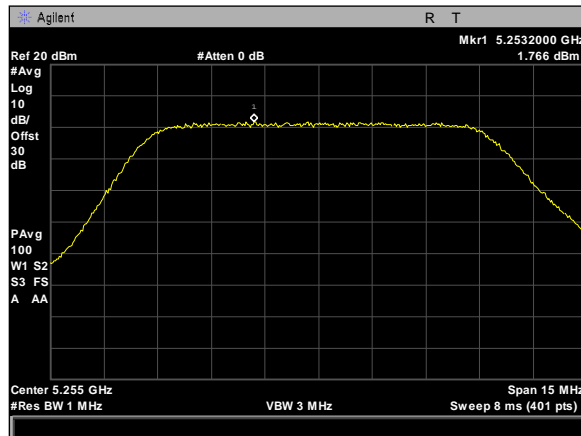
Plot 494. Power Spectral Density, 8Omni, 5M, 5700M, rf1



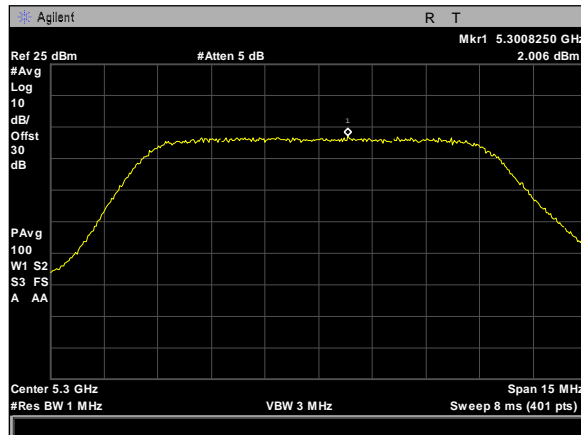
Plot 495. Power Spectral Density, 8Omni, 5M, 5700M, rf2



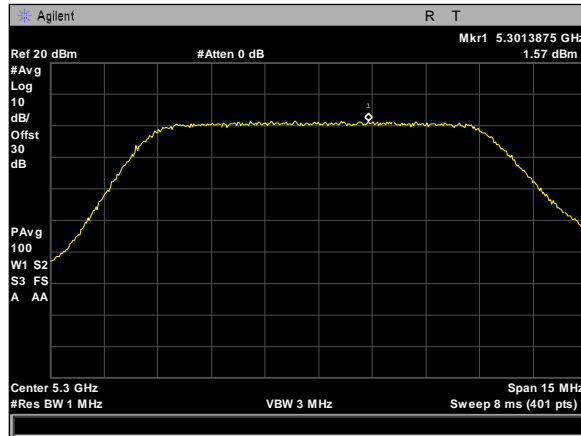
Plot 496. Power Spectral Density, 80MHz, 10M, 5255M, rf1



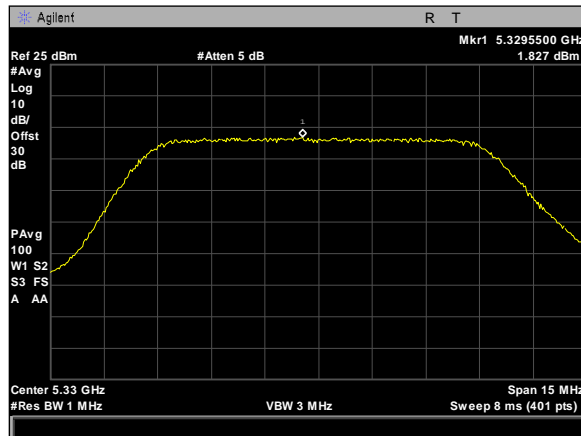
Plot 497. Power Spectral Density, 80MHz, 10M, 5255M, rf2



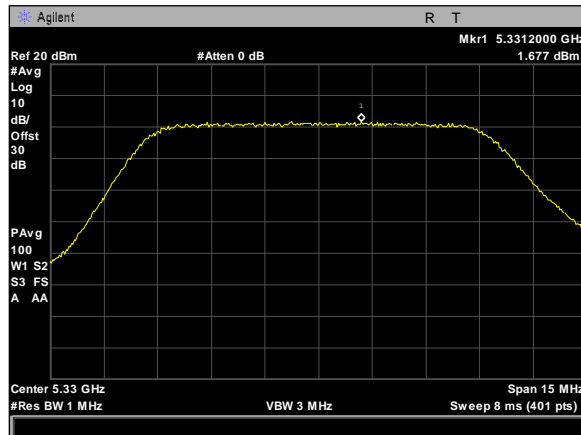
Plot 498. Power Spectral Density, 80MHz, 10M, 5300M, rf1



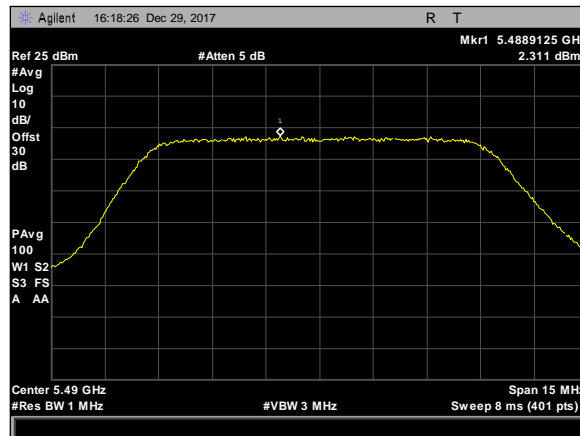
Plot 499. Power Spectral Density, 8Omni, 10M, 5300M, rf2



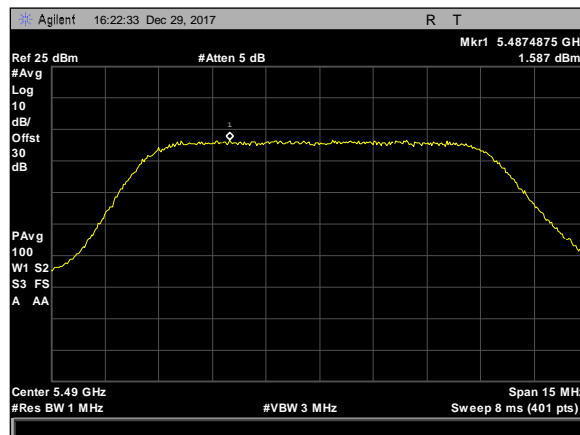
Plot 500. Power Spectral Density, 8Omni, 10M, 5330M, rf1



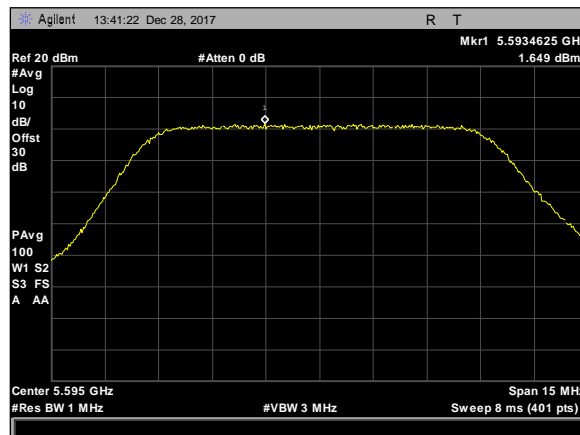
Plot 501. Power Spectral Density, 8Omni, 10M, 5330M, rf2



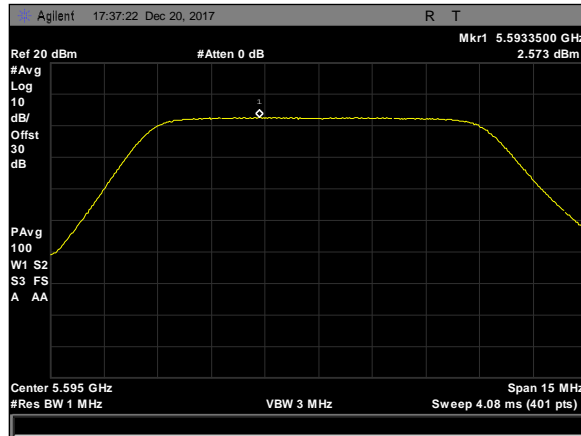
Plot 502. Power Spectral Density, 8Omni, 10M, 5490M, rf1



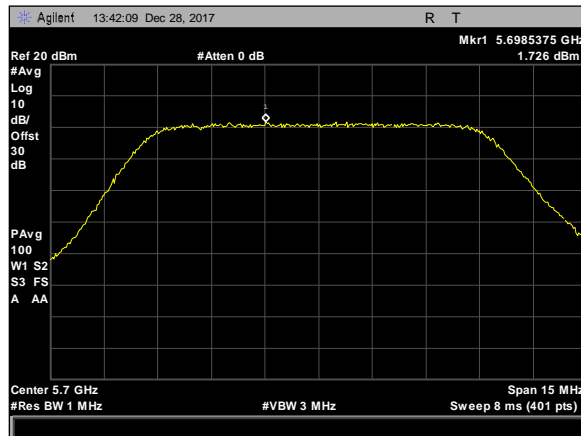
Plot 503. Power Spectral Density, 8Omni, 10M, 5490M, rf2



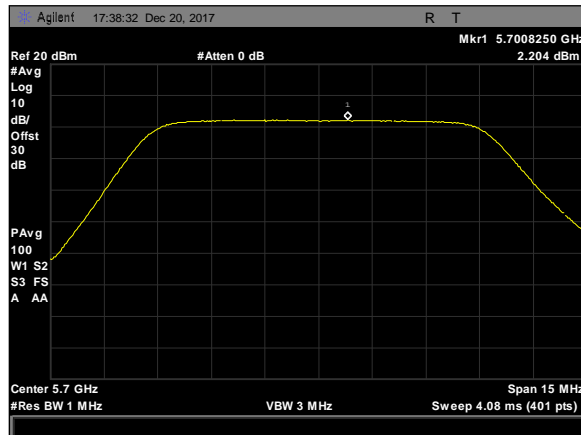
Plot 504. Power Spectral Density, 8Omni, 10M, 5595M, rf1



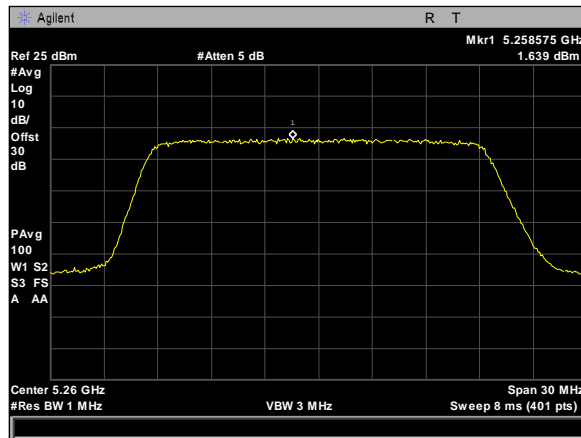
Plot 505. Power Spectral Density, 8Omni, 10M, 5595M, rf2



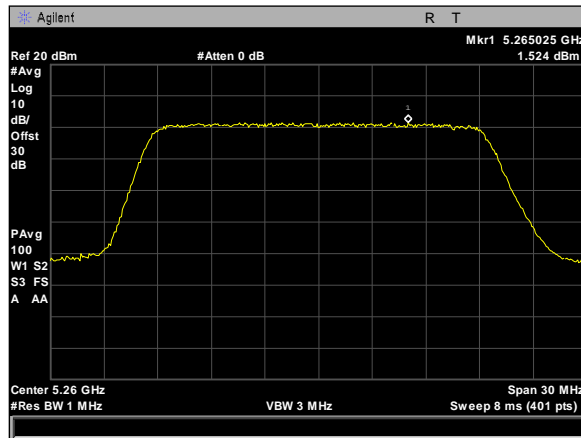
Plot 506. Power Spectral Density, 8Omni, 10M, 5700M, rf1



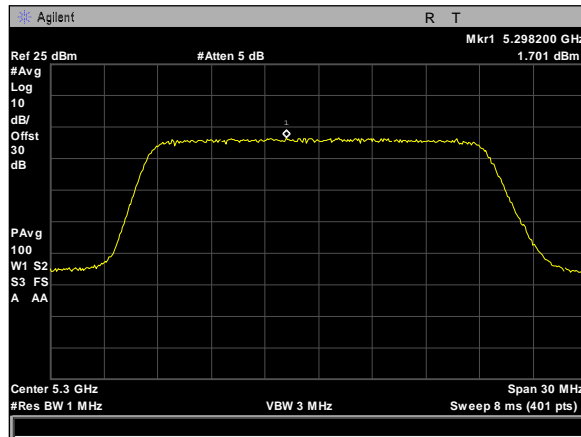
Plot 507. Power Spectral Density, 8Omni, 10M, 5700M, rf2



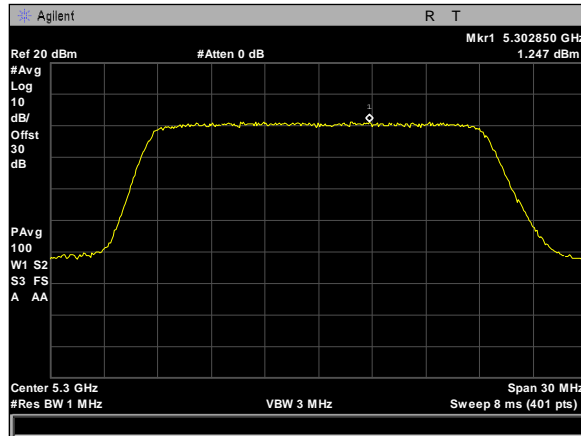
Plot 508. Power Spectral Density, 8Omni, 20M, 5260M, rf1



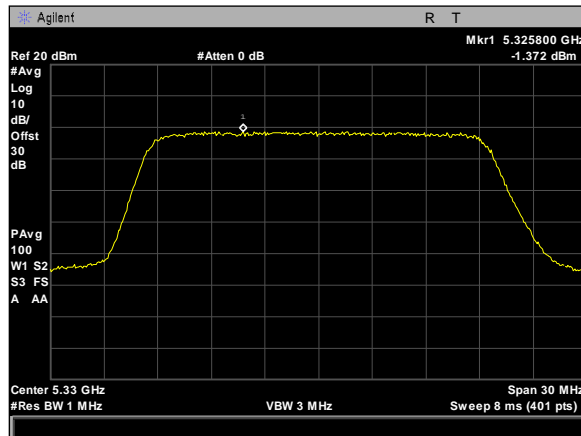
Plot 509. Power Spectral Density, 8Omni, 20M, 5260M, rf2



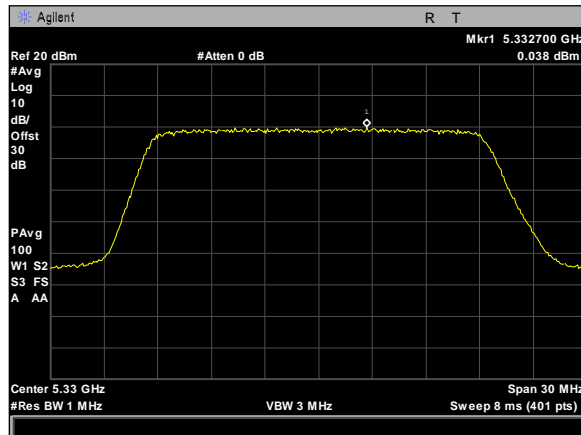
Plot 510. Power Spectral Density, 8Omni, 20M, 5300M, rf1



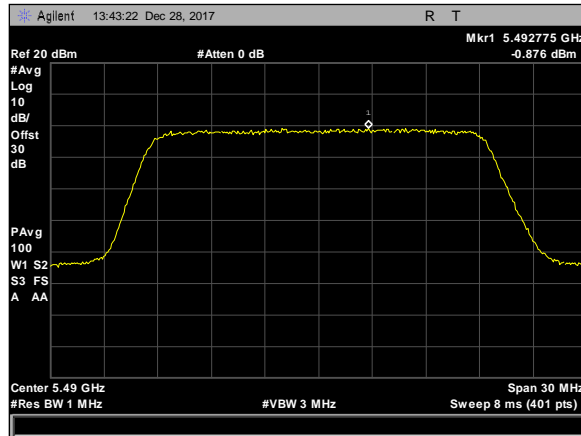
Plot 511. Power Spectral Density, 8Omni, 20M, 5300M, rf2



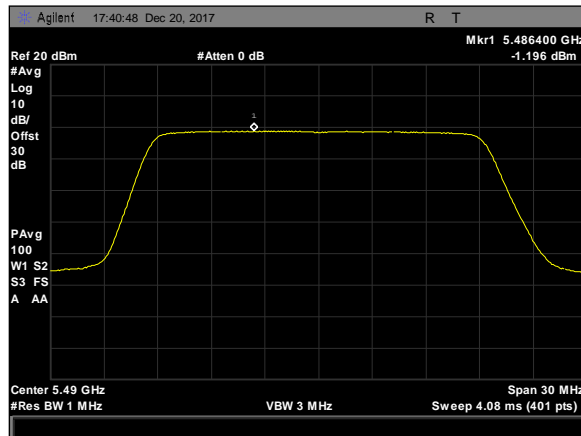
Plot 512. Power Spectral Density, 8Omni, 20M, 5330M, rf1



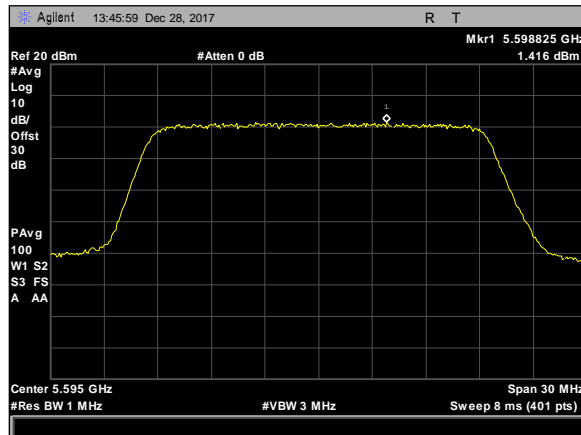
Plot 513. Power Spectral Density, 8Omni, 20M, 5330M, rf2



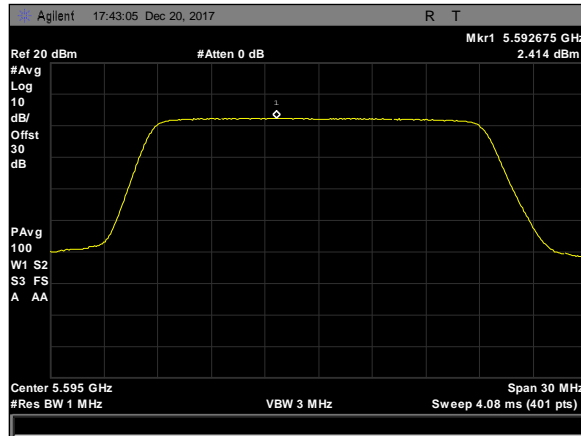
Plot 514. Power Spectral Density, 8Omni, 20M, 5490M, rf1



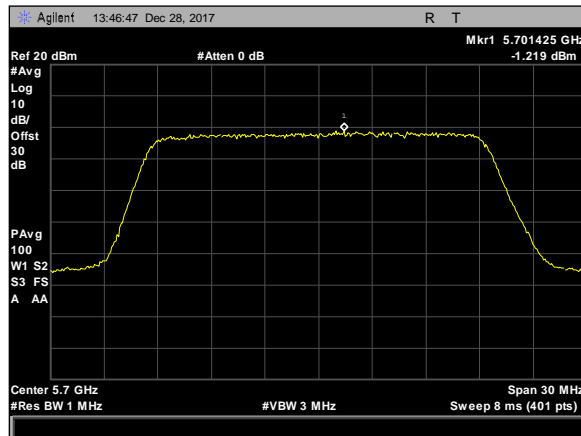
Plot 515. Power Spectral Density, 8Omni, 20M, 5490M, rf2



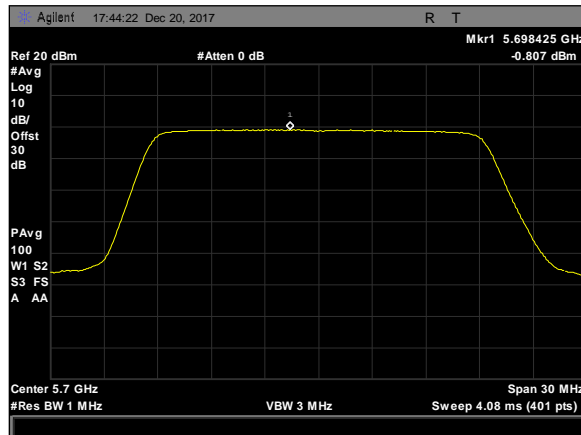
Plot 516. Power Spectral Density, 8Omni, 20M, 5595M, rf1



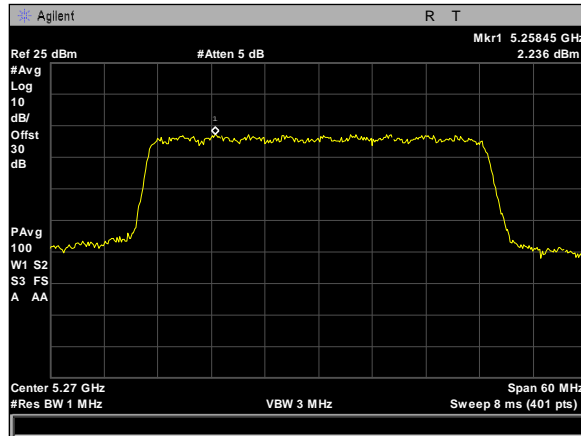
Plot 517. Power Spectral Density, 80MHz, 20M, 5595M, rf2



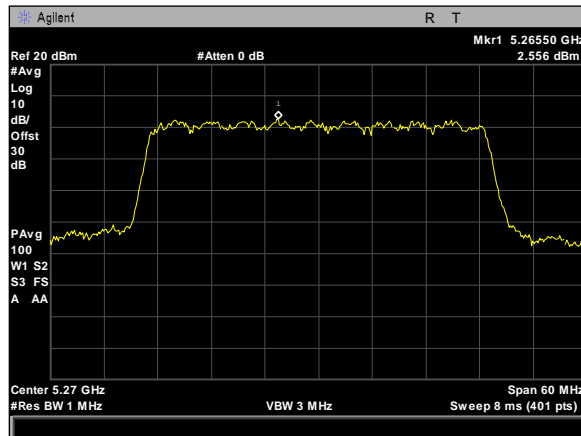
Plot 518. Power Spectral Density, 80MHz, 20M, 5700M, rf1



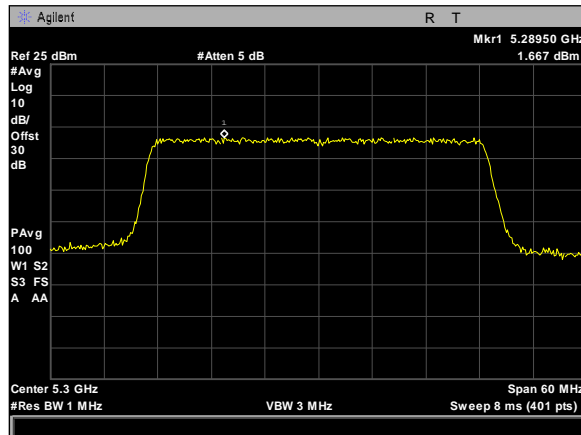
Plot 519. Power Spectral Density, 80MHz, 20M, 5700M, rf2



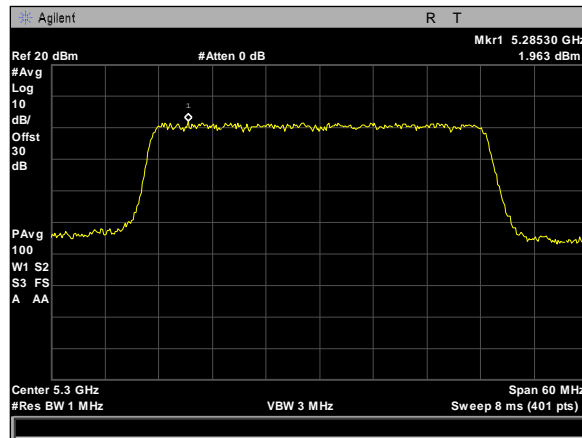
Plot 520. Power Spectral Density, 80MHz, 40M, 5270M, rf1



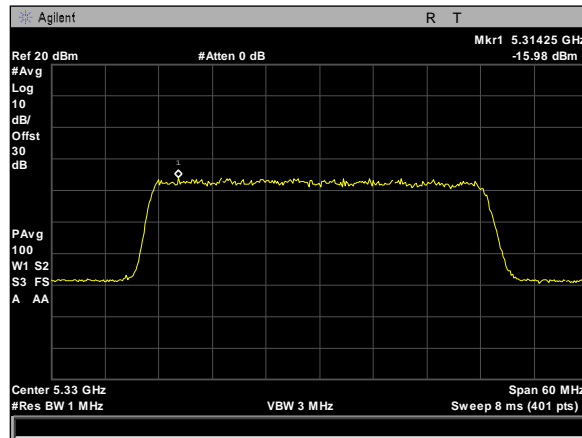
Plot 521. Power Spectral Density, 80MHz, 40M, 5270M, rf2



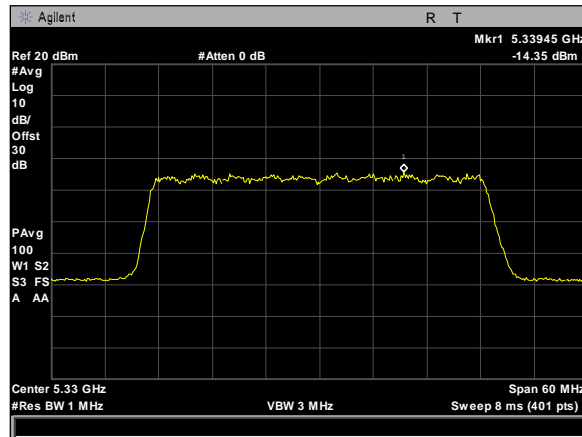
Plot 522. Power Spectral Density, 80MHz, 40M, 5300M, rf1



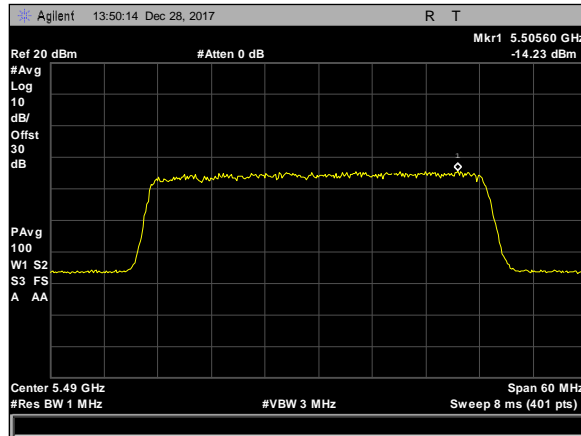
Plot 523. Power Spectral Density, 80MHz, 40M, 5300M, rf2



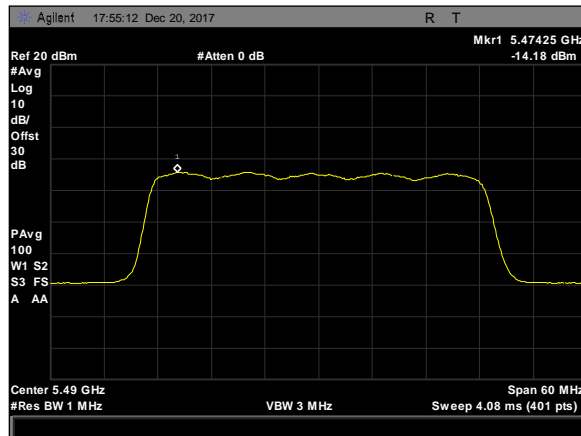
Plot 524. Power Spectral Density, 80MHz, 40M, 5330M, rf1



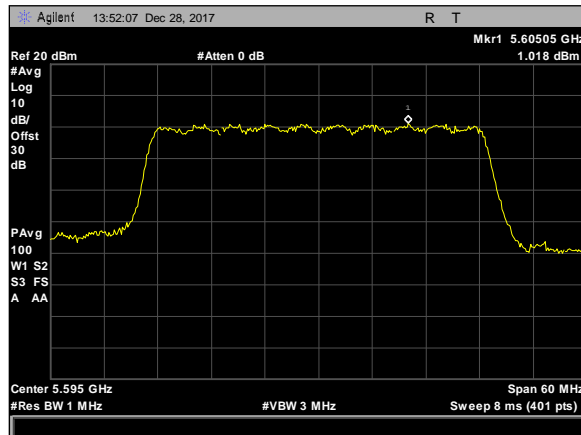
Plot 525. Power Spectral Density, 80MHz, 40M, 5330M, rf2



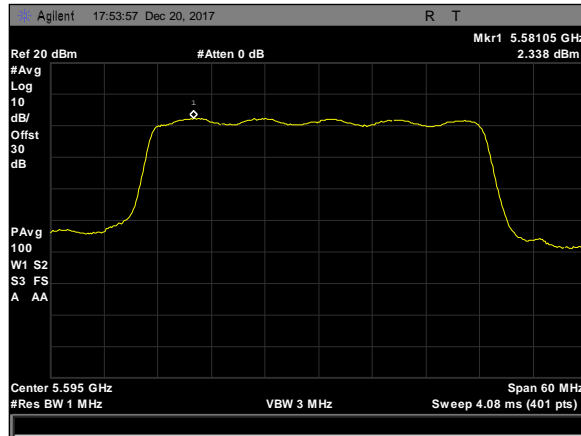
Plot 526. Power Spectral Density, 80MHz, 40M, 5490M, rf1



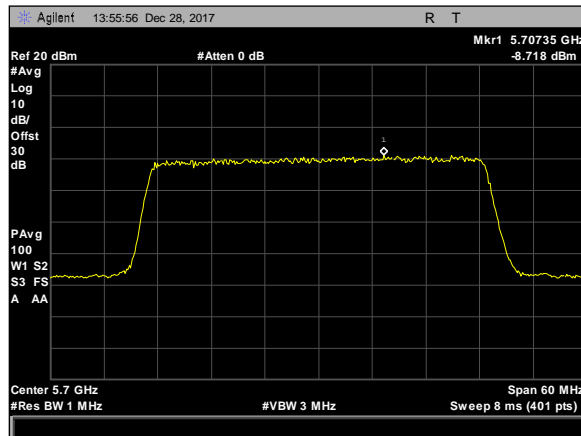
Plot 527. Power Spectral Density, 80MHz, 40M, 5490M, rf2



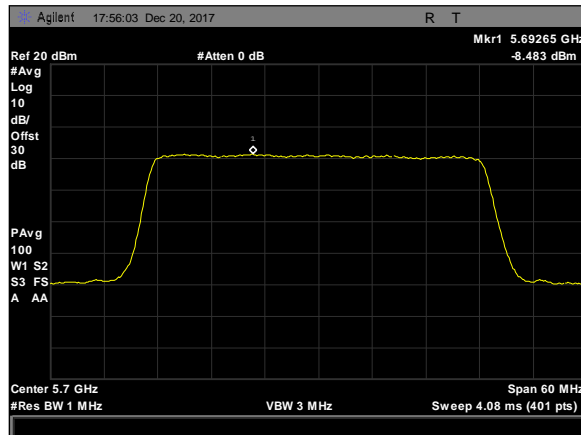
Plot 528. Power Spectral Density, 80MHz, 40M, 5595M, rf1



Plot 529. Power Spectral Density, 8Omni, 40M, 5595M, rf2



Plot 530. Power Spectral Density, 8Omni, 40M, 5700M, rf1



Plot 531. Power Spectral Density, 8Omni, 40M, 5700M, rf2



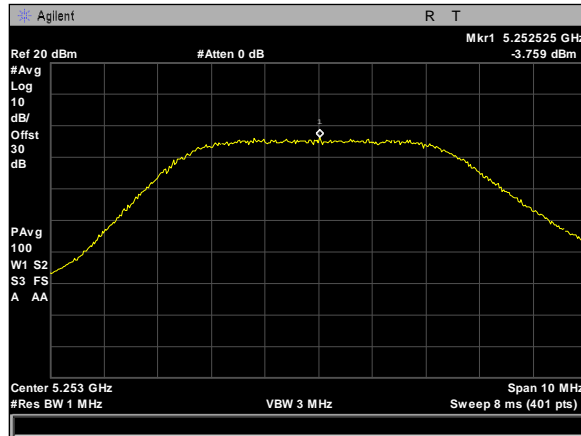
Frequency (MHz)	RF1	RF2	Total Power	Antenna Gain	Limit dBm	OP Margin
5 MHz						
5252.5	-3.76	-4.48	2.27986389	14	3	-0.720136107
5300	-4.36	-4.75	1.83244232	14	3	-1.167557679
5330	-3.57	-3.52	2.83927486	14	3	-0.160725142
10 MHz						
5255	-4.16	-4.43	2.08930402	14	3	-0.910695976
5300	-4.19	-4.43	2.07392099	14	3	-0.926079015
5330	-4.25	-4.09	2.2150243	14	3	-0.7849757
20 MHz						
5260	-4.23	-4.33	2.10249245	14	3	-0.897507553
5300	-4.23	-4.4	2.06957308	14	3	-0.93042692
5330	-3.5	-3.51	2.8762265	14	3	-0.123773496
40MHz						
5270	-4.39	-5.06	1.67109076	14	3	-1.328909235
5300	-3.76	-4.09	2.45685528	14	3	-0.54314472
5330	-20.22	-20.3	-13.749858	14	3	-16.86985822

Table 34. Power Spectral Density, UNII 2A, 90 Sector, Test Results

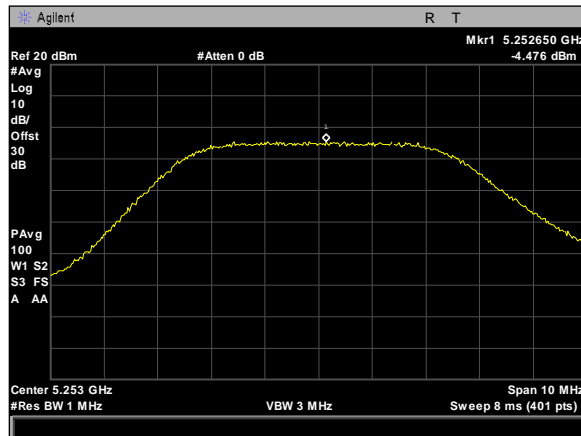
Frequency (MHz)	RF1	RF2	Total Power	Antenna Gain	Limit dBm	PSD Margin
5 MHz						
5490	-3.71	-4.14	2.46346738	14	3	-0.536532622
5595	-4.14	-3.47	2.59278365	14	3	-0.407216346
5700	-4.56	-3.81	2.21454891	14	3	-0.785451091
10 MHz						
5490	-4.12	-4.15	2.24775111	14	3	-0.752248887
5595	-4.09	-3.42	2.64201401	14	3	-0.357985991
5700	-4.34	-3.93	2.25265295	14	3	-0.747347053
20 MHz						
5490	-3.96	-4.18	2.31416566	14	3	-0.685834339
5595	-4.23	-3.43	2.57302461	14	3	-0.426975394
5700	-4.45	-3.92	2.20608968	14	3	-0.793910315
40MHz						
5490	-15.9	-15.1	-9.0688837	14	3	-12.06888366
5595	-4.4	-3.47	2.47355033	14	3	-0.526449668
5700	-12.2	-11.2	-5.2552532	14	3	-8.255253185

Table 35. Power Spectral Density, UNII 2C, 90 Sector, Test Results

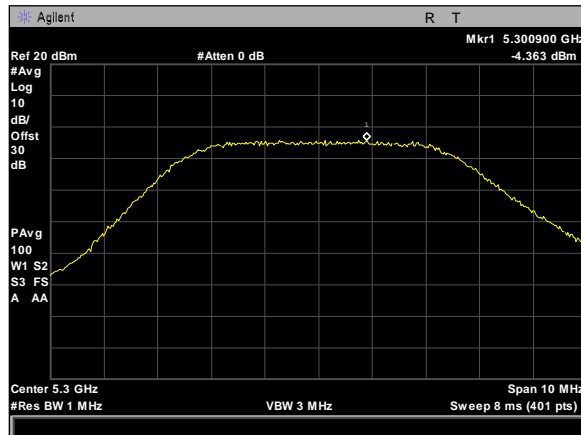
Note: All testing was performed using QPSK 1/16 modulation.



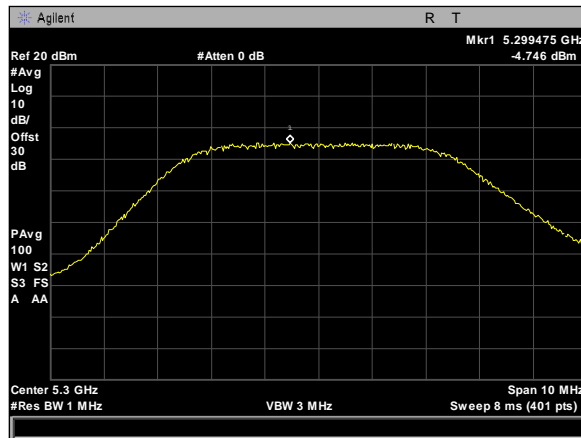
Plot 532. Power Spectral Density, 90Sector, 5M, 5252.5M, rf1



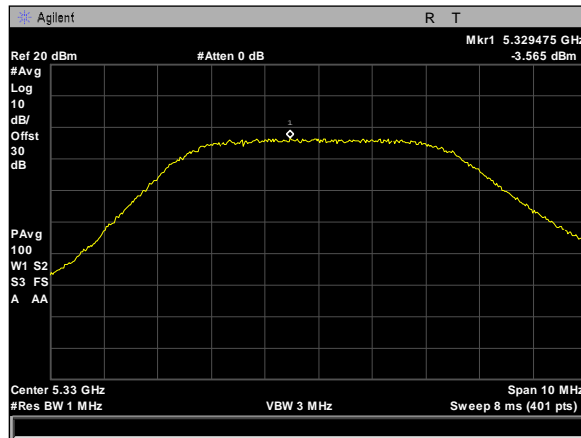
Plot 533. Power Spectral Density, 90Sector, 5M, 5252.5M, rf2



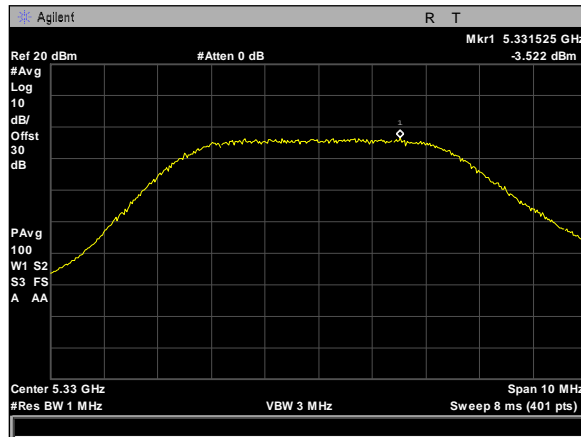
Plot 534. Power Spectral Density, 90Sector, 5M, 5300M, rf1



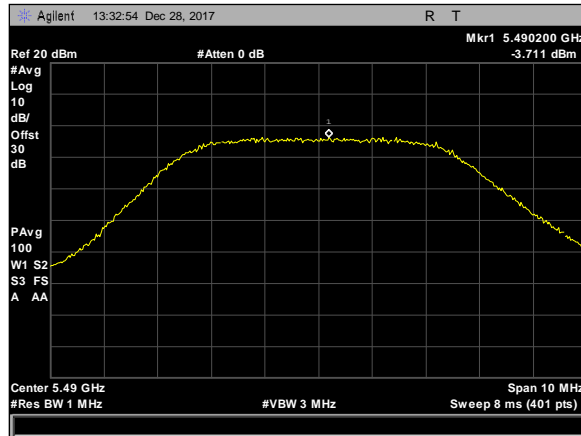
Plot 535. Power Spectral Density, 90Sector, 5M, 5300M, rf2



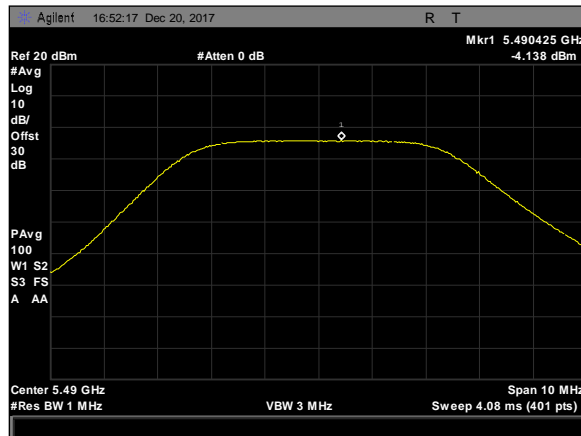
Plot 536. Power Spectral Density, 90Sector, 5M, 5330M, rf1



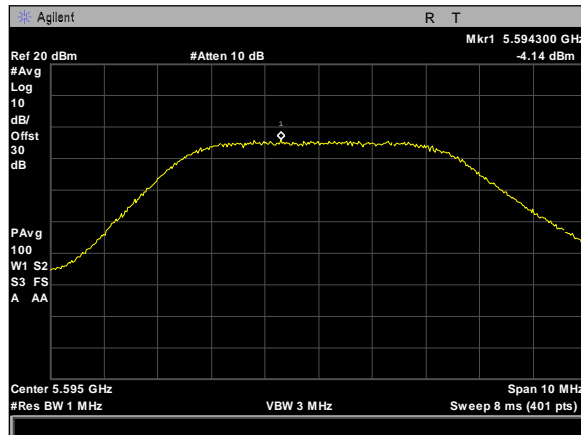
Plot 537. Power Spectral Density, 90Sector, 5M, 5330M, rf2



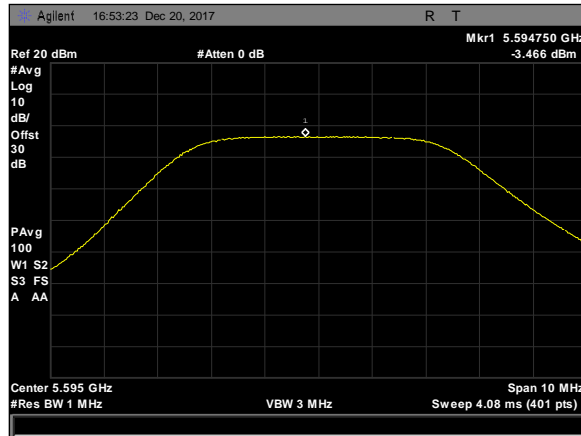
Plot 538. Power Spectral Density, 90Sector, 5M, 5490M, rf1



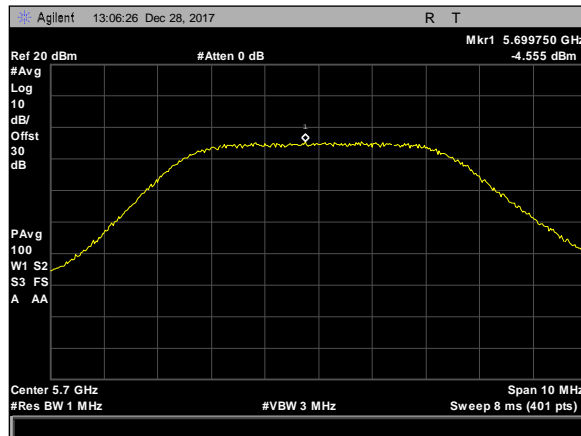
Plot 539. Power Spectral Density, 90Sector, 5M, 5490M, rf2



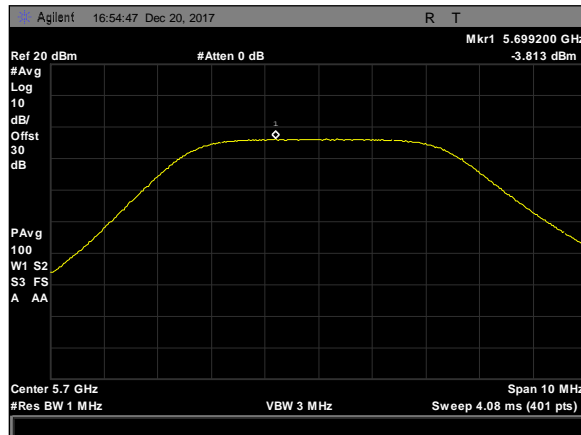
Plot 540. Power Spectral Density, 90Sector, 5M, 5595M, rf1



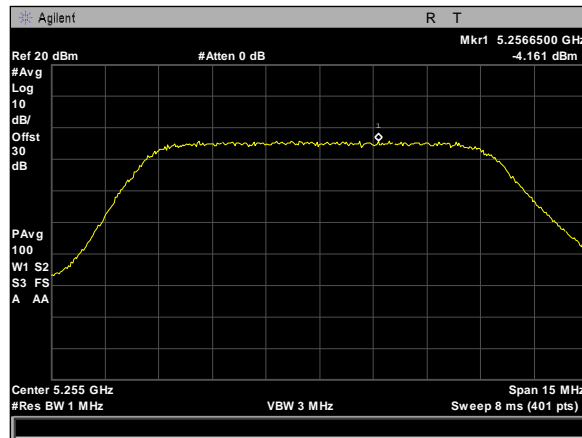
Plot 541. Power Spectral Density, 90Sector, 5M, 5595M, rf2



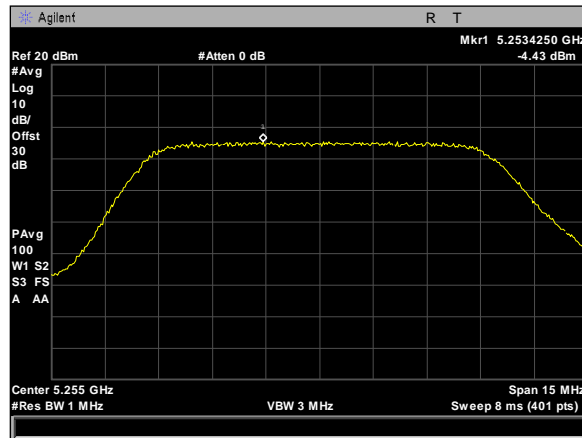
Plot 542. Power Spectral Density, 90Sector, 5M, 5700M, rf1



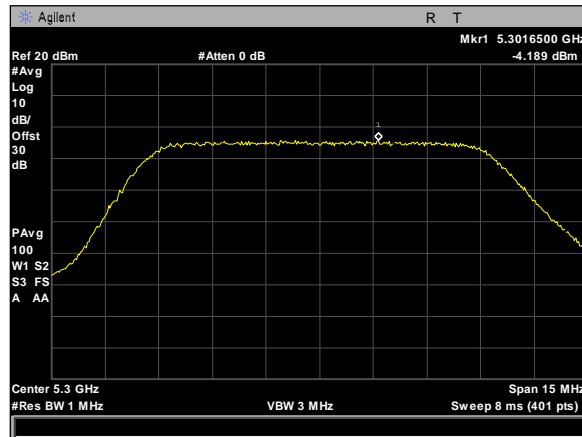
Plot 543. Power Spectral Density, 90Sector, 5M, 5700M, rf2



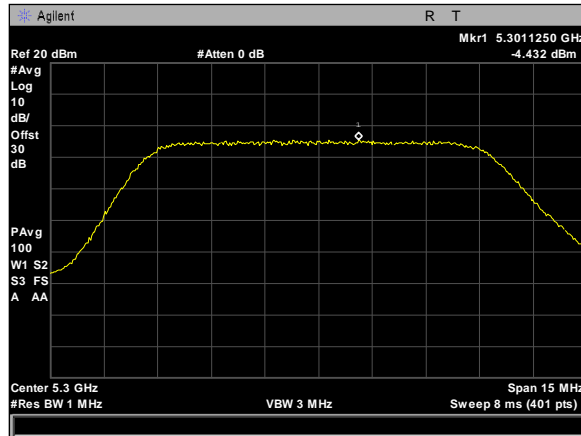
Plot 544. Power Spectral Density, 90Sector, 10M, 5255M, rf1



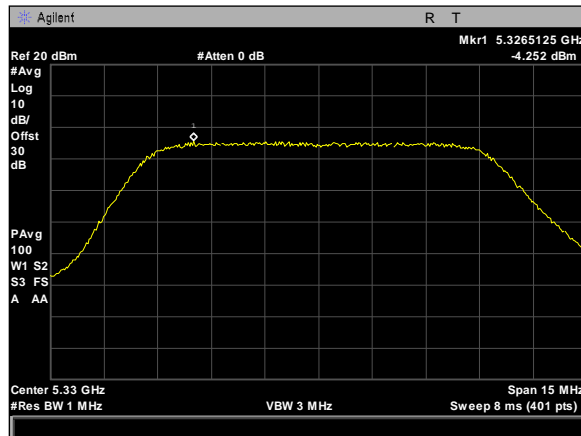
Plot 545. Power Spectral Density, 90Sector, 10M, 5255M, rf2



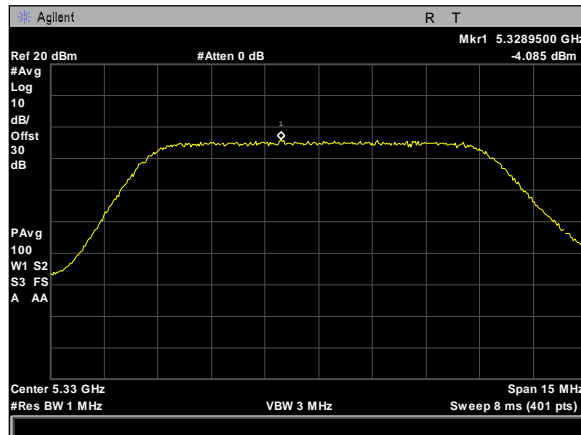
Plot 546. Power Spectral Density, 90Sector, 10M, 5300M, rf1



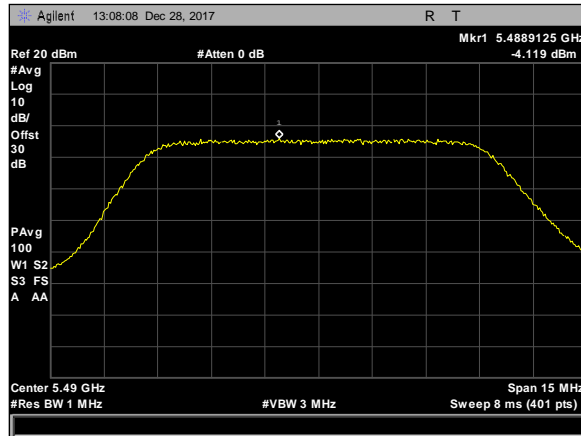
Plot 547. Power Spectral Density, 90Sector, 10M, 5300M, rf2



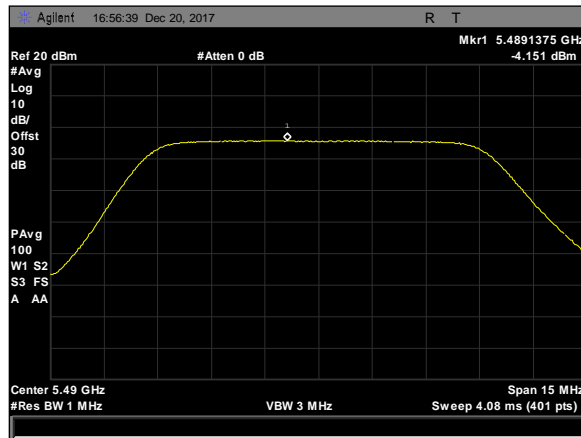
Plot 548. Power Spectral Density, 90Sector, 10M, 5330M, rf1



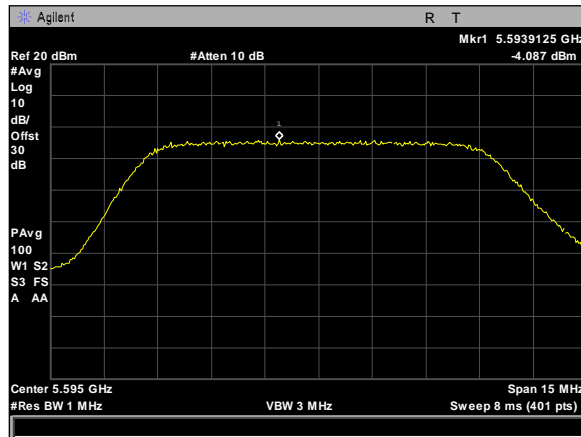
Plot 549. Power Spectral Density, 90Sector, 10M, 5330M, rf2



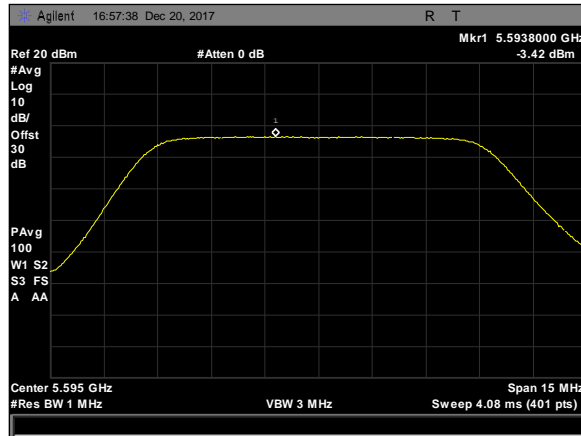
Plot 550. Power Spectral Density, 90Sector, 10M, 5490M, rf1



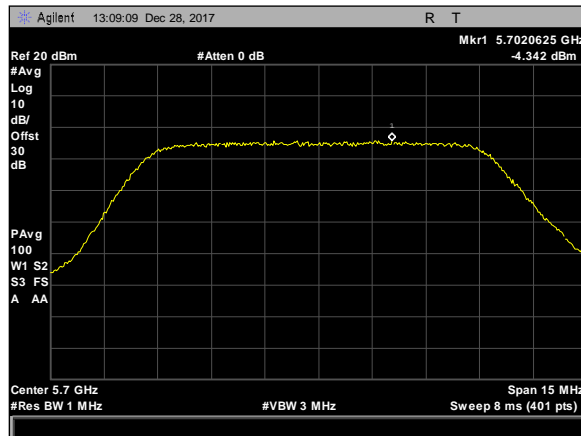
Plot 551. Power Spectral Density, 90Sector, 10M, 5490M, rf2



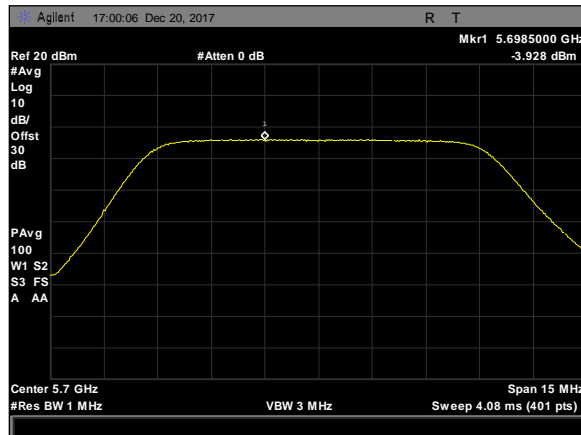
Plot 552. Power Spectral Density, 90Sector, 10M, 5595M, rf1



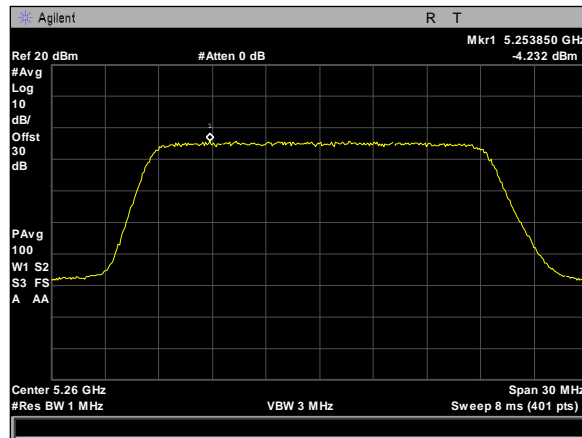
Plot 553. Power Spectral Density, 90Sector, 10M, 5595M, rf2



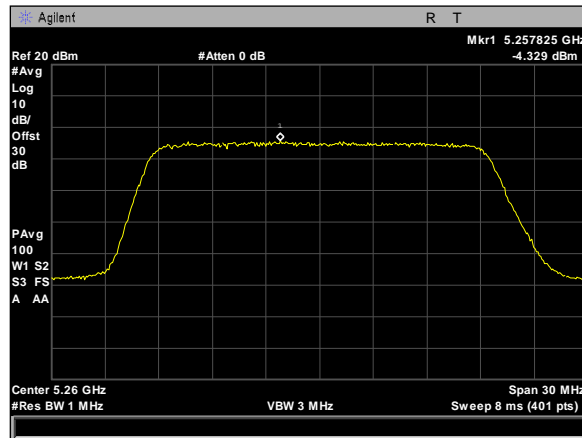
Plot 554. Power Spectral Density, 90Sector, 10M, 5700M, rf1



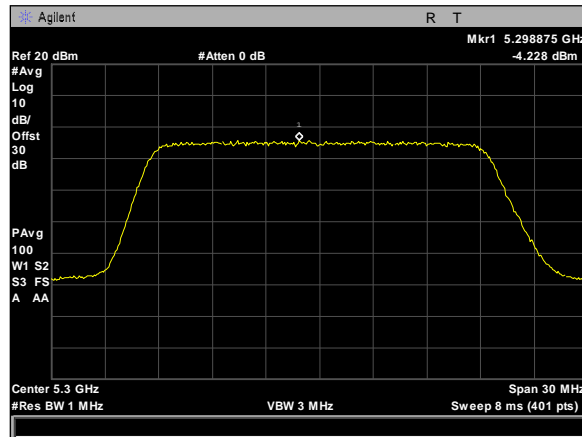
Plot 555. Power Spectral Density, 90Sector, 10M, 5700M, rf2



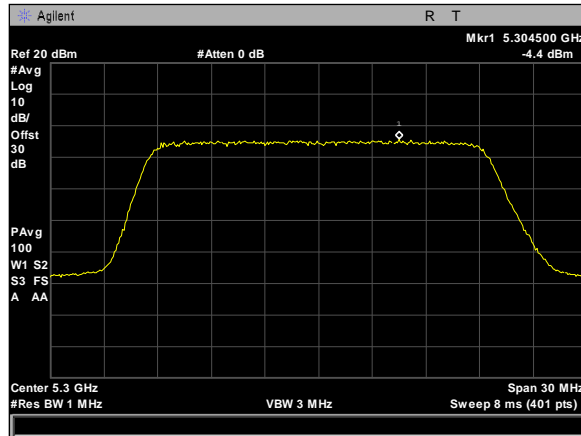
Plot 556. Power Spectral Density, 90Sector, 20M, 5260M, rf1



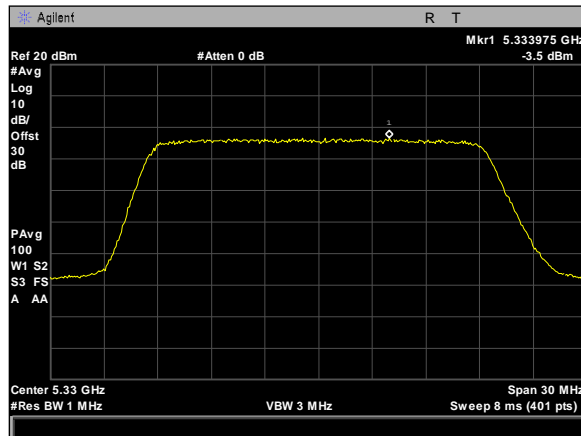
Plot 557. Power Spectral Density, 90Sector, 20M, 5260M, rf2



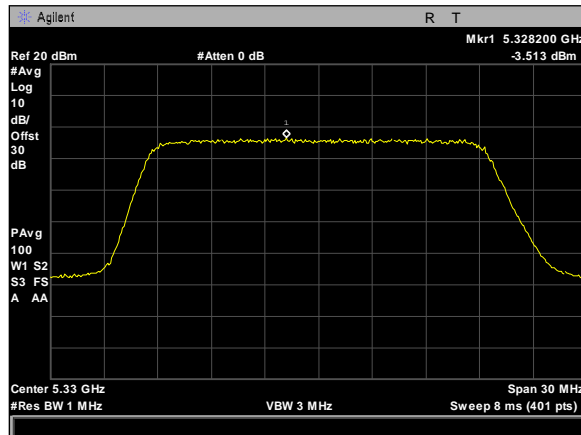
Plot 558. Power Spectral Density, 90Sector, 20M, 5300M, rf1



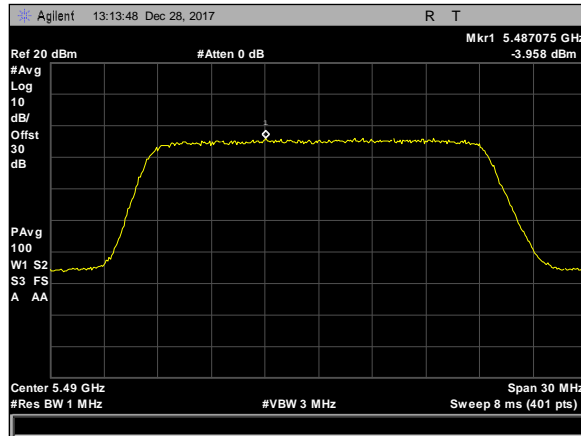
Plot 559. Power Spectral Density, 90Sector, 20M, 5300M, rf2



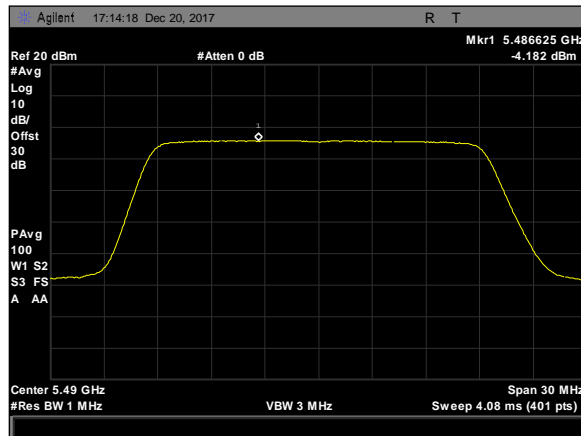
Plot 560. Power Spectral Density, 90Sector, 20M, 5330M, rf1



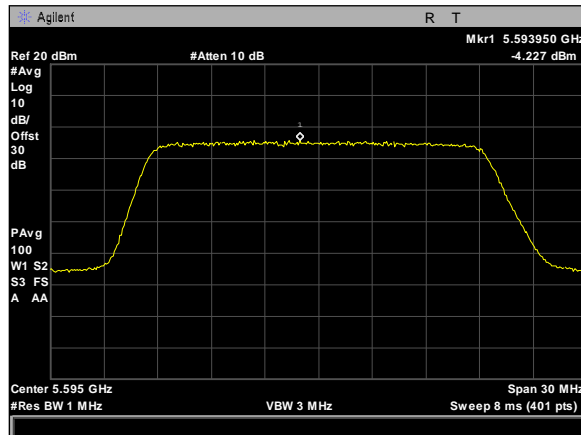
Plot 561. Power Spectral Density, 90Sector, 20M, 5330M, rf2



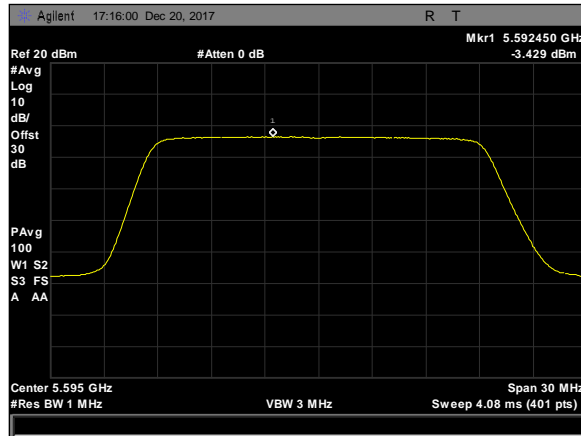
Plot 562. Power Spectral Density, 90Sector, 20M, 5490M, rf1



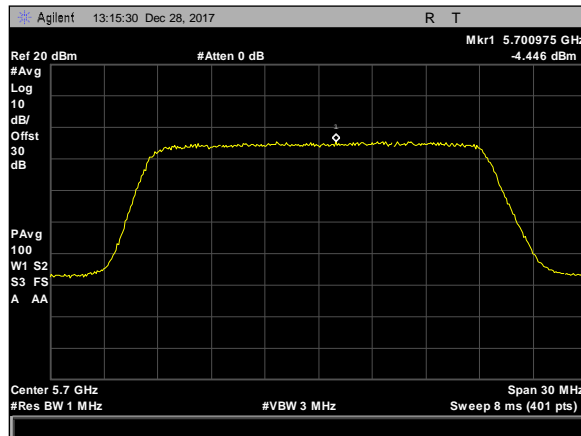
Plot 563. Power Spectral Density, 90Sector, 20M, 5490M, rf2



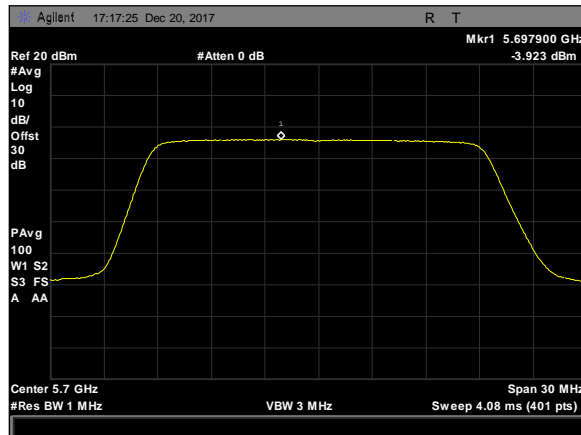
Plot 564. Power Spectral Density, 90Sector, 20M, 5595M, rf1



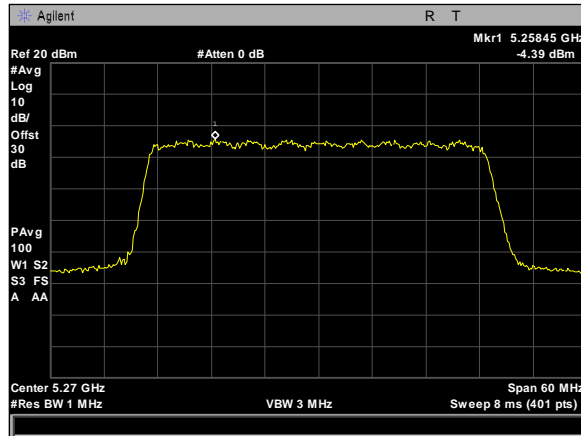
Plot 565. Power Spectral Density, 90Sector, 20M, 5595M, rf2



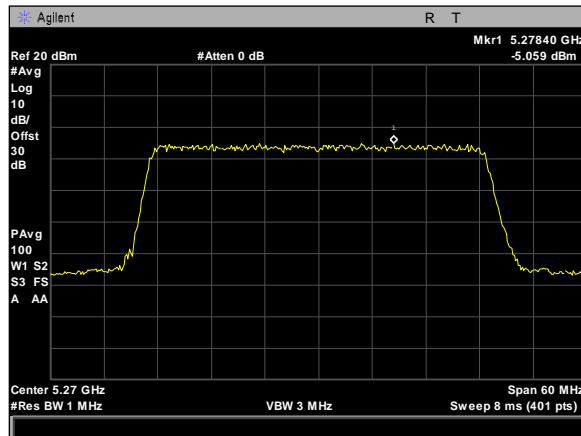
Plot 566. Power Spectral Density, 90Sector, 20M, 5700M, rf1



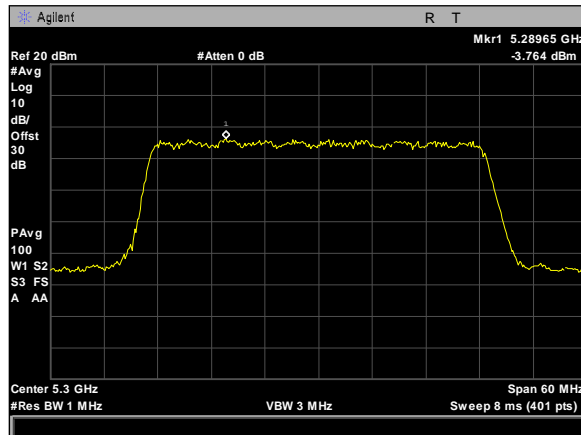
Plot 567. Power Spectral Density, 90Sector, 20M, 5700M, rf2



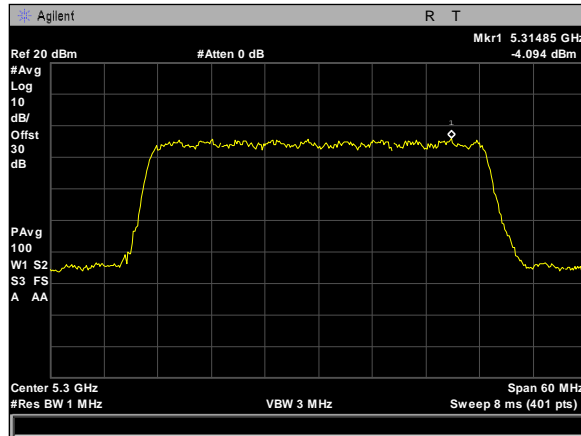
Plot 568. Power Spectral Density, 90Sector, 40M, 5270M, rf1



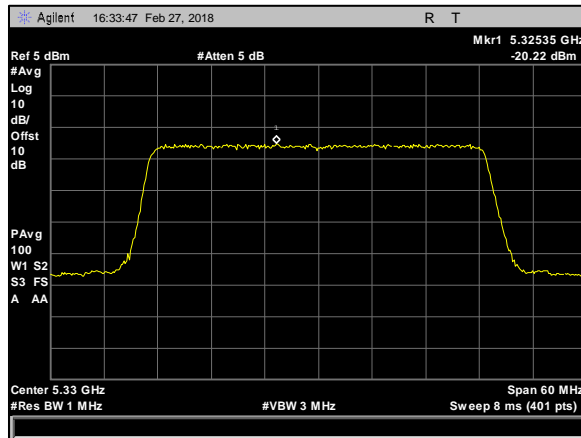
Plot 569. Power Spectral Density, 90Sector, 40M, 5270M, rf2



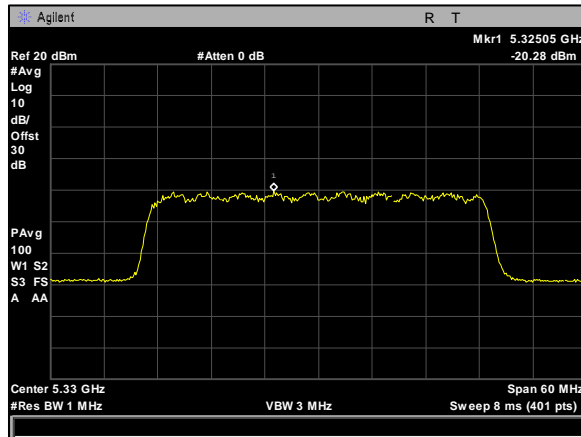
Plot 570. Power Spectral Density, 90Sector, 40M, 5300M, rf1



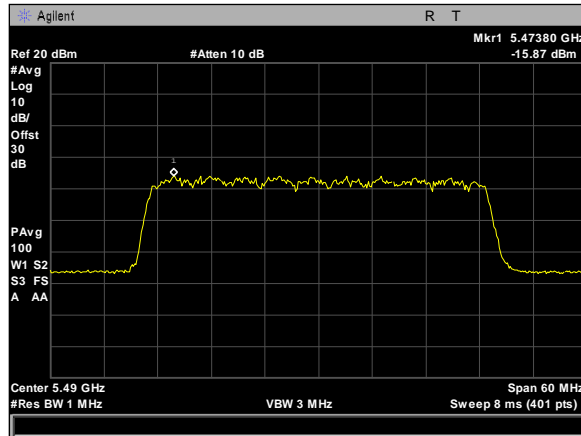
Plot 571. Power Spectral Density, 90Sector, 40M, 5300M, rf2



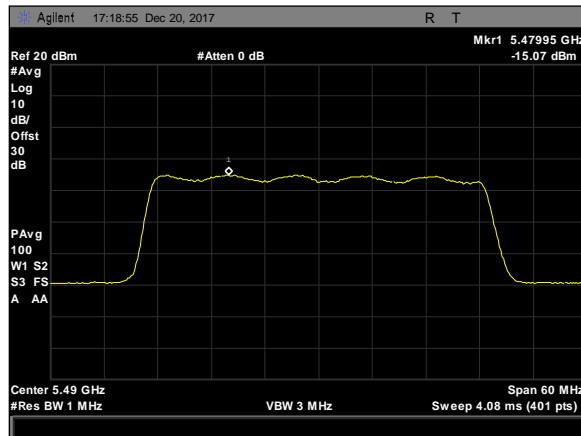
Plot 572. Power Spectral Density, 90Sector, 40M, 5330M, rf1



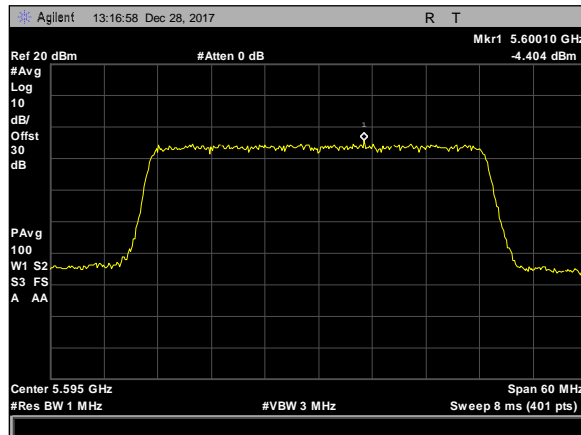
Plot 573. Power Spectral Density, 90Sector, 40M, 5330M, rf2



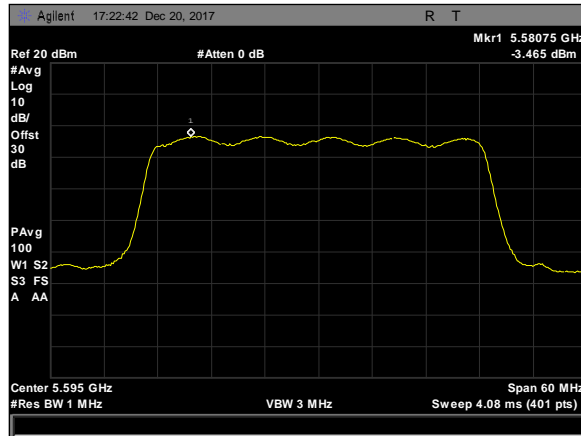
Plot 574. Power Spectral Density, 90Sector, 40M, 5490M, rf1



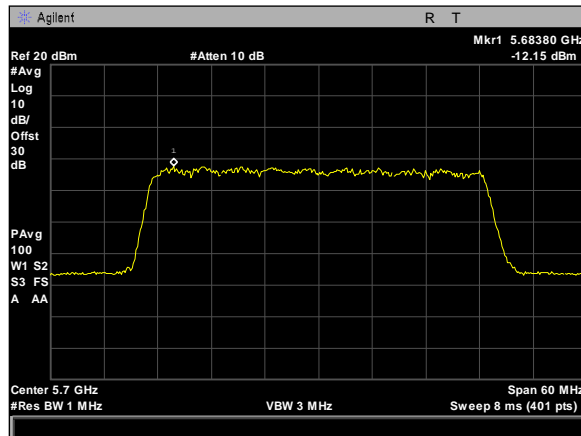
Plot 575. Power Spectral Density, 90Sector, 40M, 5490M, rf2



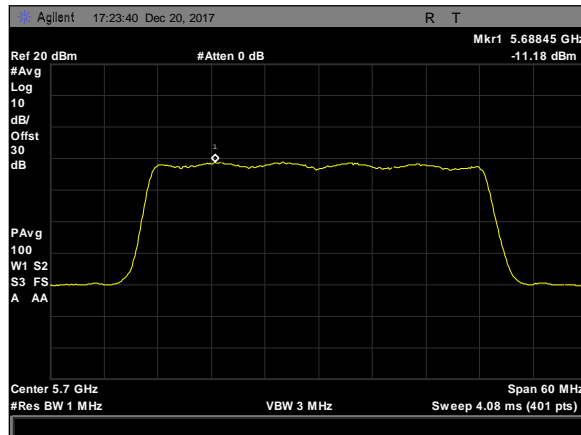
Plot 576. Power Spectral Density, 90Sector, 40M, 5595M, rf1



Plot 577. Power Spectral Density, 90Sector, 40M, 5595M, rf2



Plot 578. Power Spectral Density, 90Sector, 40M, 5700M, rf1



Plot 579. Power Spectral Density, 90Sector, 40M, 5700M, rf2



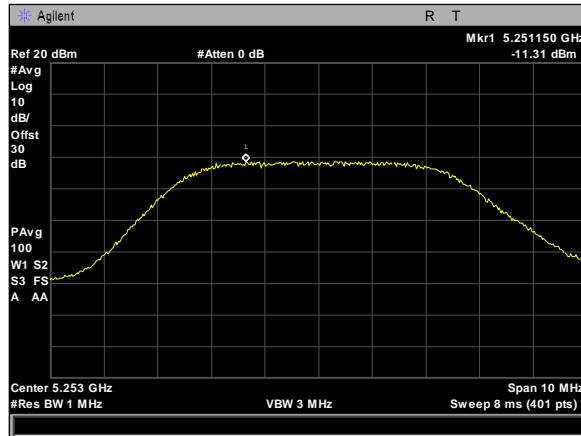
Frequency (MHz)	RF1	RF2	Total Power	Antenna Gain	Limit dBm	OP Margin
5 MHz						
5252.5	-11.3	-11.2	-4.882137328	21	-4	-0.882137328
5300	-11.2	-11.5	-4.955022217	21	-4	-0.955022217
5330	-12.6	-11.34	-4.815022217	21	-4	-0.815022217
10 MHz						
5255	-11.3	-11.5	-4.981239402	21	-4	-0.981239402
5300	-11.4	-11.5	-5.096990543	21	-4	-1.096990543
5330	-10.6	-10.6	-4.197266847	21	-4	-0.197266847
20 MHz						
5260	-10.9	-11.3	-4.713123519	21	-4	-0.713123519
5300	-11.3	-11.3	-4.912137328	21	-4	-0.912137328
5330	-10.4	-10.5	-4.097094156	21	-4	-0.097094156
40MHz						
5270	-11.1	-12.1	-5.16298345	21	-4	-1.16298345
5300	-10.5	-11	-4.371708486	21	-4	-0.371708486
5329	-25.13	-25.8	-18.96951967	21	-4	-14.96951967

Table 36. Power Spectral Density, UNII 2A, 1' Panel, Test Results

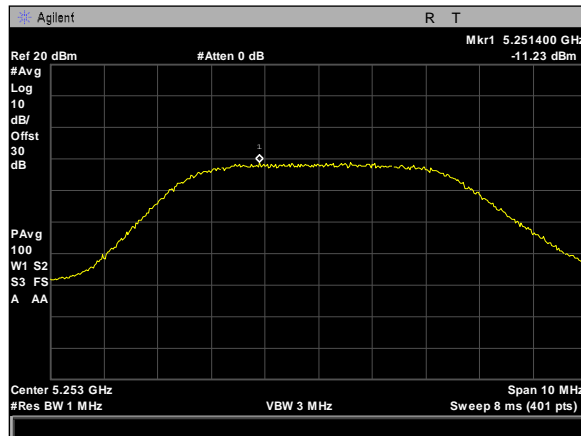
Frequency (MHz)	RF1	RF2	Total Power	Antenna Gain	Limit dBm	PSD Margin
5 MHz						
5490	-11.1	-10.1	-4.1596943	21	-4	-0.159694275
5595	-11.4	-10.2	-4.3586635	21	-4	-0.358663461
5700	-11.3	-10.3	-4.3850185	21	-4	-0.385018508
10 MHz						
5490	-10.8	-10.1	-4.0585895	21	-4	-0.058589489
5595	-10.5	-10.3	-4.0065416	21	-4	-0.006541575
5700	-10.9	-10.6	-4.3646885	21	-4	-0.364688467
20 MHz						
5490	-10.7	-10.1	-4.0054998	21	-4	-0.005499777
5595	-11.3	-10.4	-4.4329624	21	-4	-0.432962425
5700	-11.7	-11.3	-5.1022031	21	-4	-1.102203137
40MHz						
5491	-25.7	-25.6	-19.281631	21	-4	-15.28163079
5595	-12.1	-10.3	-4.7307137	21	-4	-0.730713697
5700	-20.1	-18.4	-12.784722	21	-4	-8.784722493

Table 37. Power Spectral Density, UNII 2C, 1' Panel, Test Results

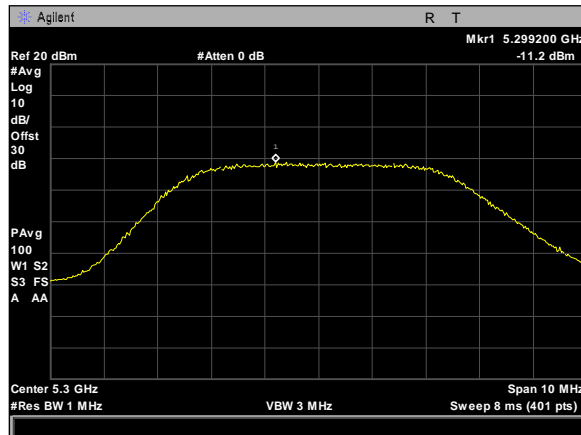
Note: All testing was performed using QPSK 1/16 modulation.



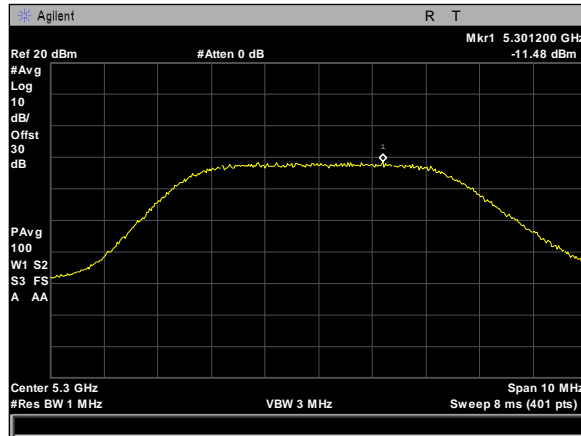
Plot 580. Power Spectral Density, 1Panel, 5M, 5252.5M, rf1



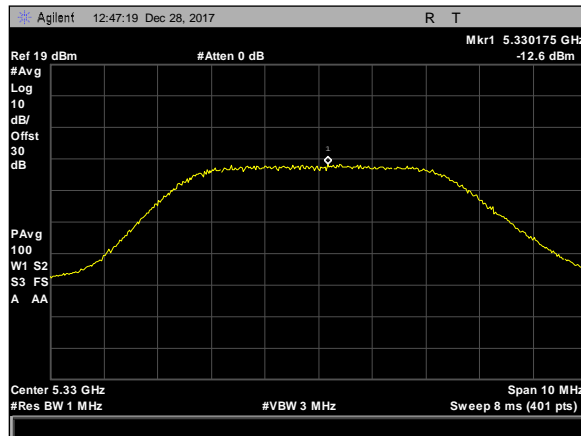
Plot 581. Power Spectral Density, 1Panel, 5M, 5252.5M, rf2



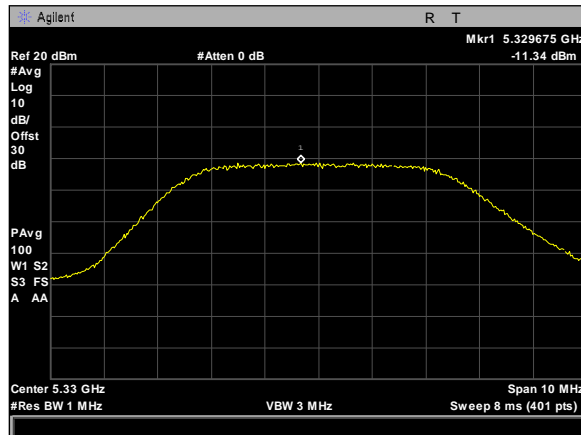
Plot 582. Power Spectral Density, 1Panel, 5M, 5300M, rf1



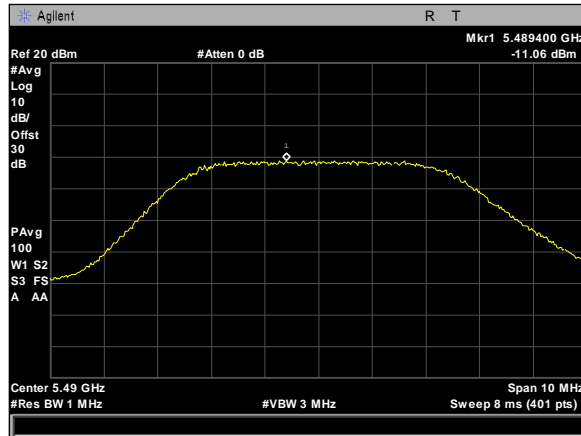
Plot 583. Power Spectral Density, 1Panel, 5M, 5300M, rf2



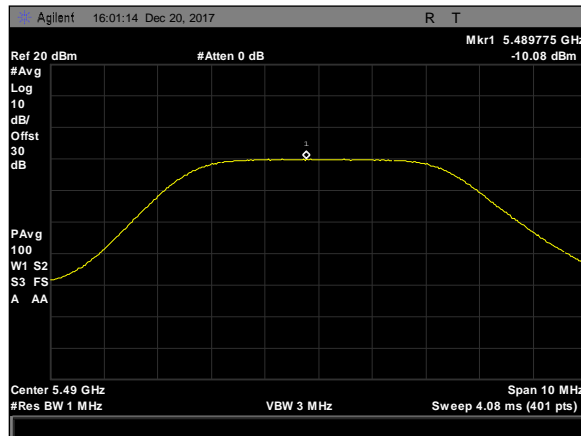
Plot 584. Power Spectral Density, 1Panel, 5M, 5330M, rf1



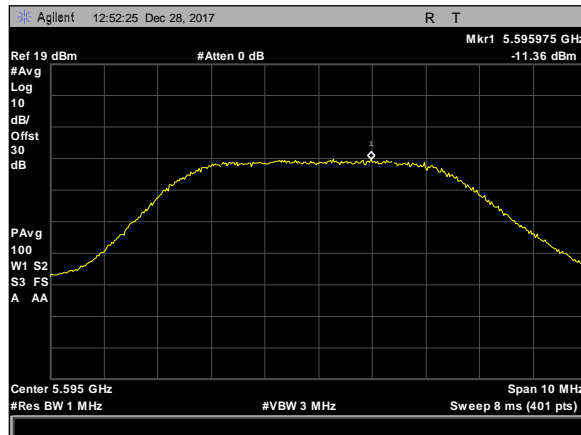
Plot 585. Power Spectral Density, 1Panel, 5M, 5330M, rf2



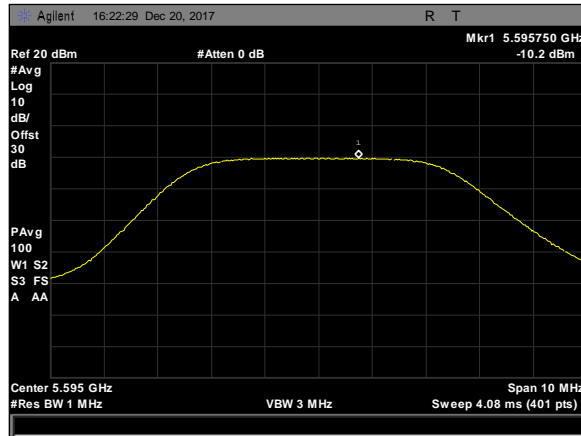
Plot 586. Power Spectral Density, 1Panel, 5M, 5490M, rf1



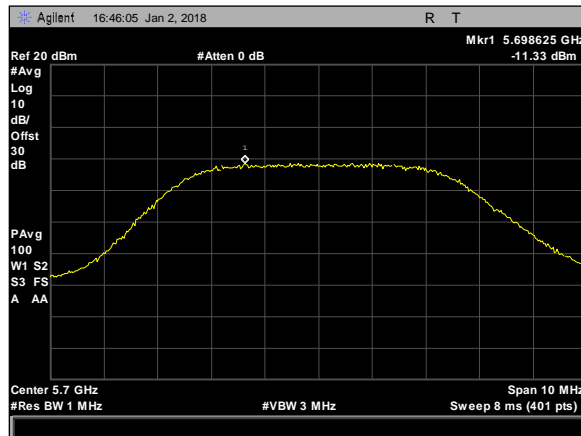
Plot 587. Power Spectral Density, 1Panel, 5M, 5490M, rf2



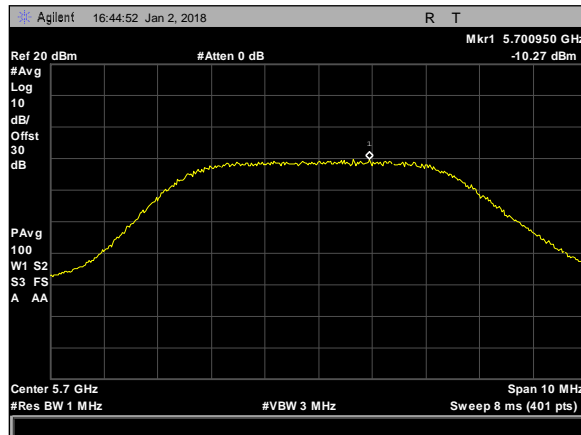
Plot 588. Power Spectral Density, 1Panel, 5M, 5595M, rf1



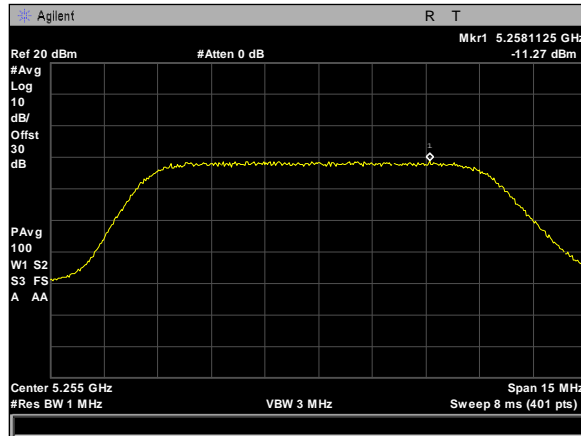
Plot 589. Power Spectral Density, 1Panel, 5M, 5595M, rf2



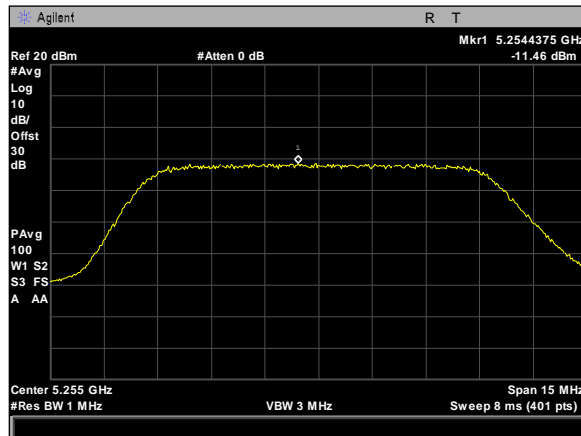
Plot 590. Power Spectral Density, 1Panel, 5M, 5700M, rf1



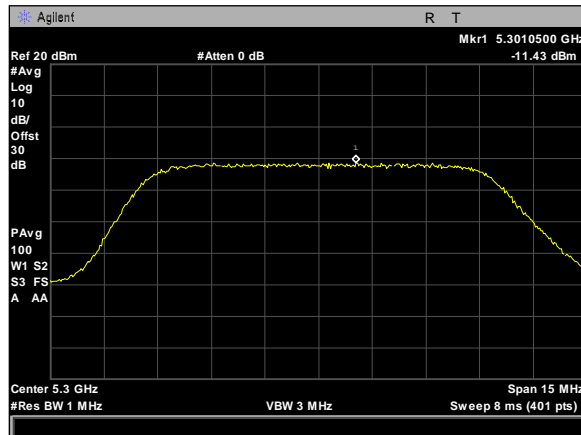
Plot 591. Power Spectral Density, 1Panel, 5M, 5700M, rf2



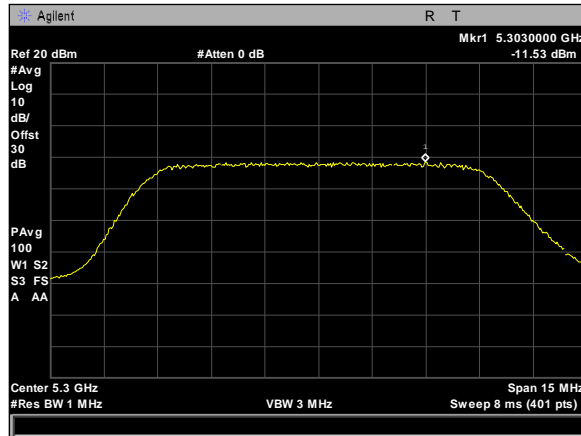
Plot 592. Power Spectral Density, 1Panel, 10M, 5255M, rf1



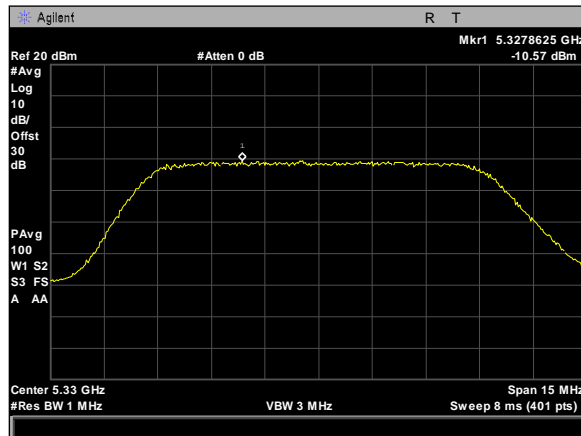
Plot 593. Power Spectral Density, 1Panel, 10M, 5255M, rf2



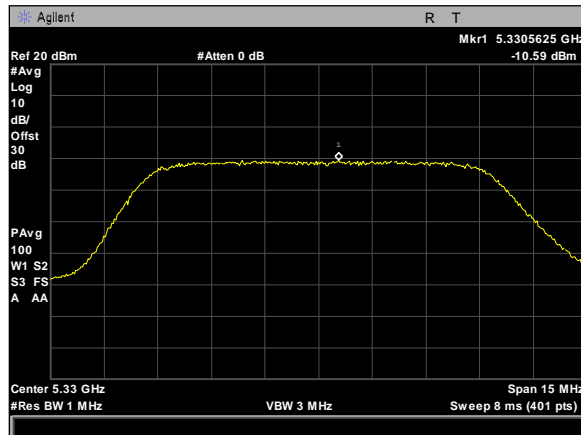
Plot 594. Power Spectral Density, 1Panel, 10M, 5300M, rf1



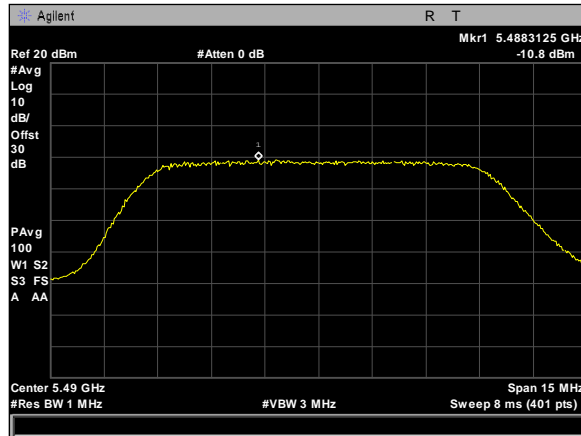
Plot 595. Power Spectral Density, 1Panel, 10M, 5300M, rf2



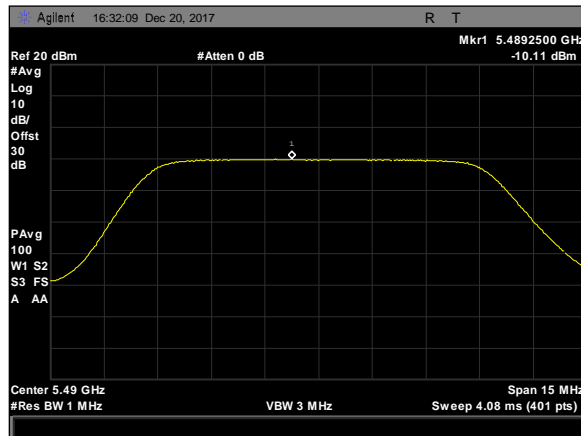
Plot 596. Power Spectral Density, 1Panel, 10M, 5330M, rf1



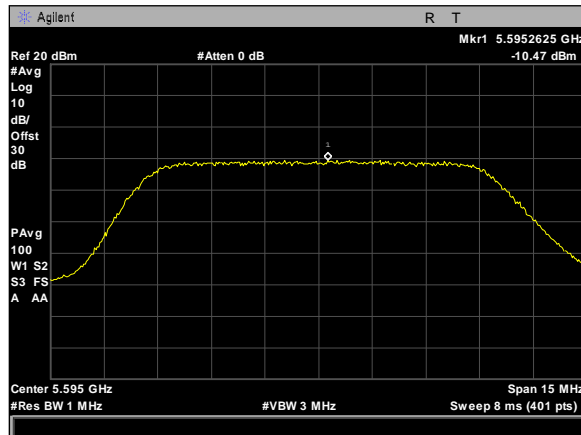
Plot 597. Power Spectral Density, 1Panel, 10M, 5330M, rf2



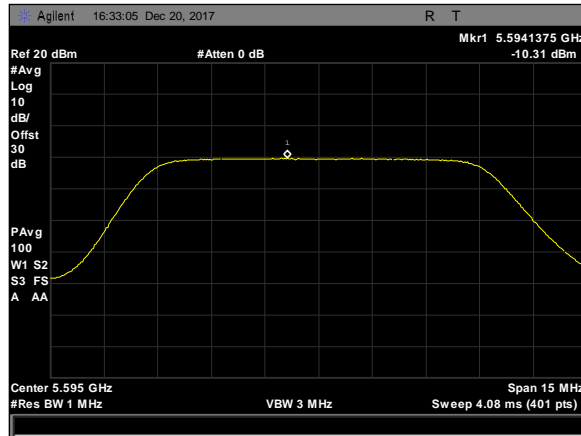
Plot 598. Power Spectral Density, 1Panel, 10M, 5490M, rf1



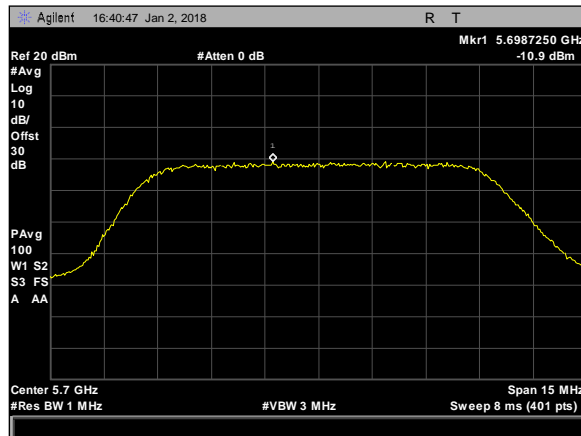
Plot 599. Power Spectral Density, 1Panel, 10M, 5490M, rf2



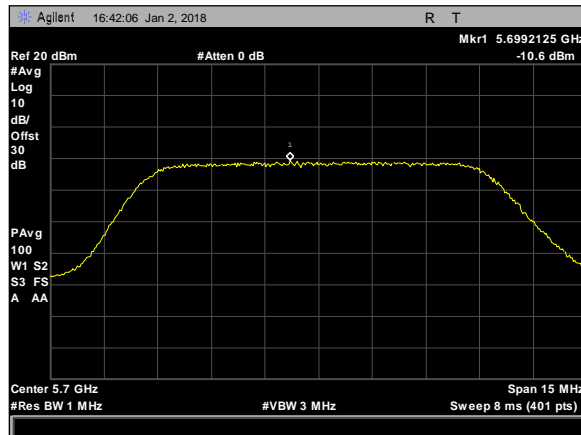
Plot 600. Power Spectral Density, 1Panel, 10M, 5595M, rf1



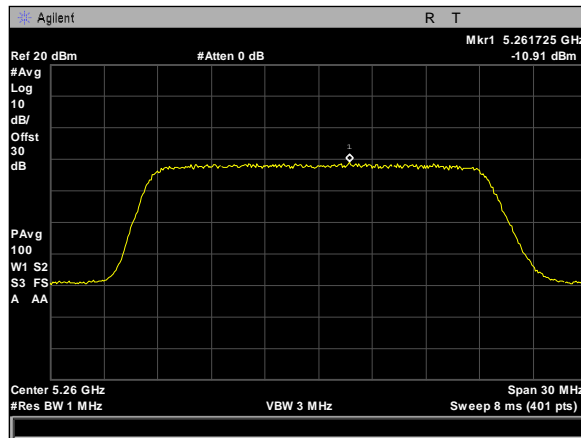
Plot 601. Power Spectral Density, 1Panel, 10M, 5595M, rf2



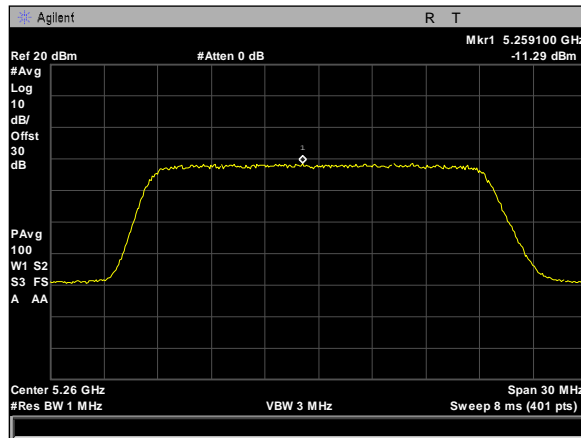
Plot 602. Power Spectral Density, 1Panel, 10M, 5700M, rf1



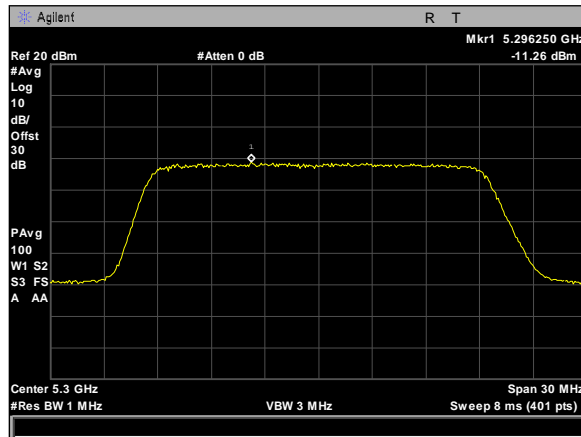
Plot 603. Power Spectral Density, 1Panel, 10M, 5700M, rf2



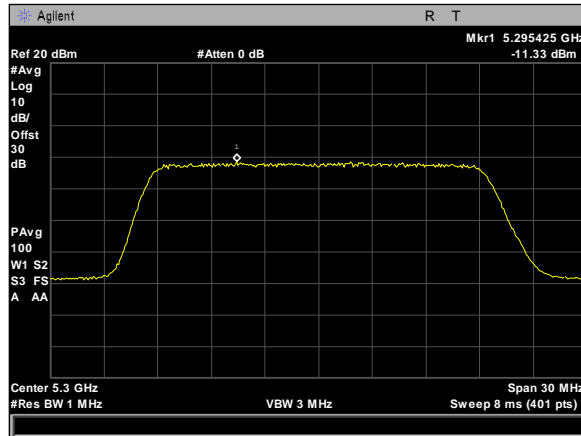
Plot 604. Power Spectral Density, 1Panel, 20M, 5260M, rf1



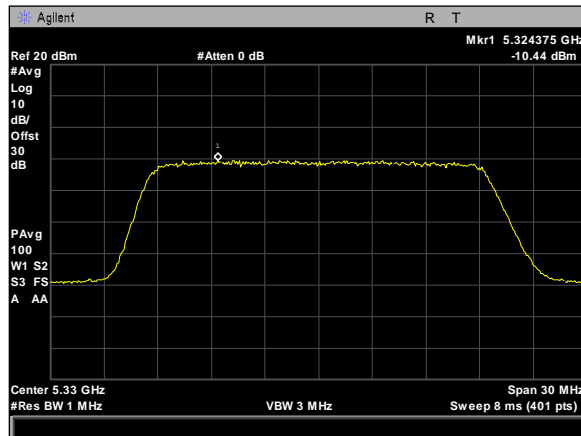
Plot 605. Power Spectral Density, 1Panel, 20M, 5260M, rf2



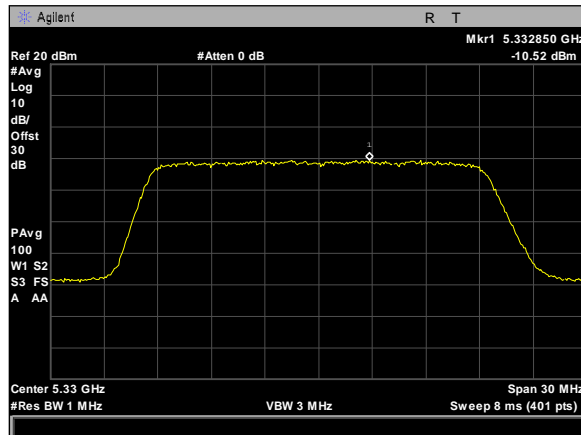
Plot 606. Power Spectral Density, 1Panel, 20M, 5300M, rf1



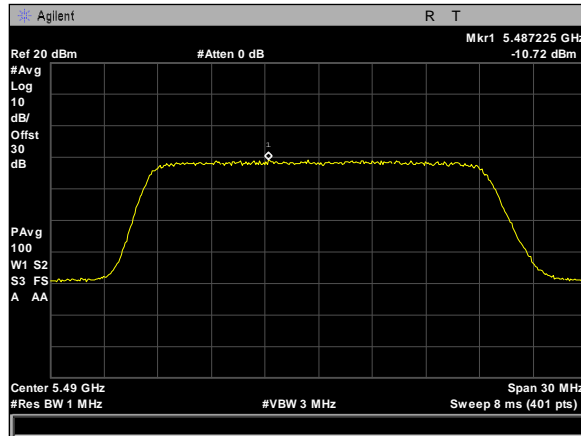
Plot 607. Power Spectral Density, 1Panel, 20M, 5300M, rf2



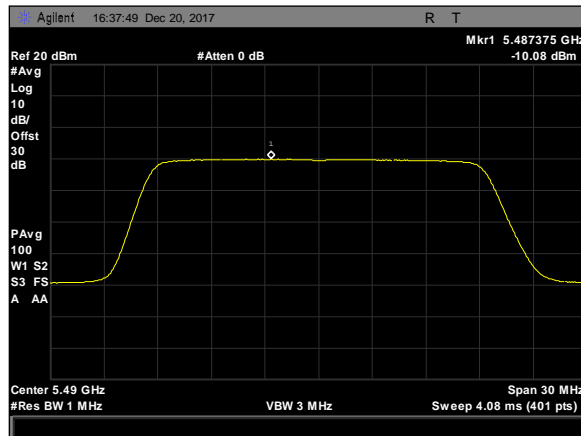
Plot 608. Power Spectral Density, 1Panel, 20M, 5330M, rf1



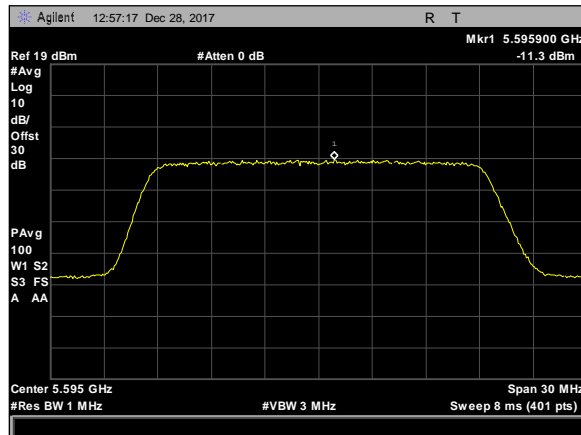
Plot 609. Power Spectral Density, 1Panel, 20M, 5330M, rf2



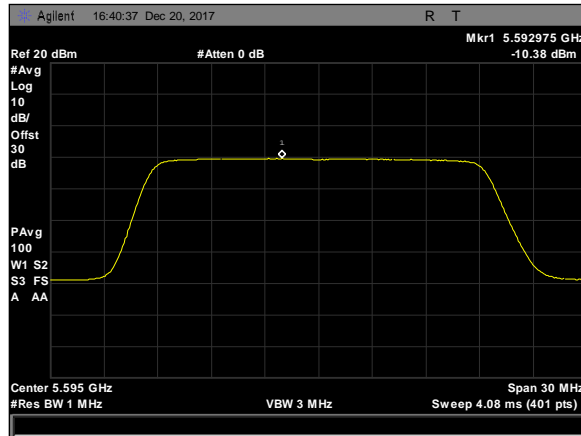
Plot 610. Power Spectral Density, 1Panel, 20M, 5490M, rf1



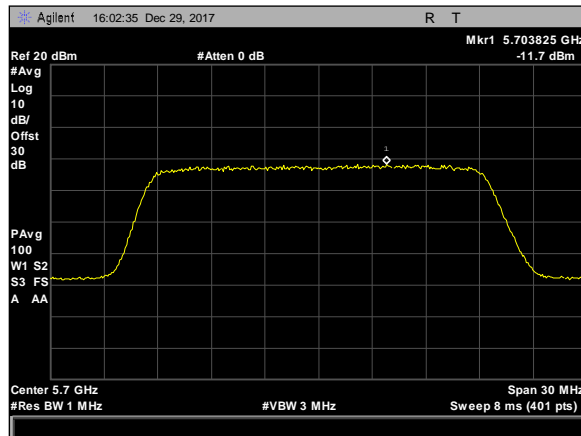
Plot 611. Power Spectral Density, 1Panel, 20M, 5490M, rf2



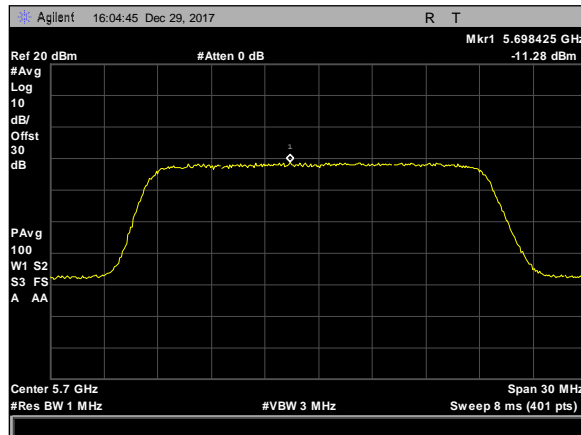
Plot 612. Power Spectral Density, 1Panel, 20M, 5595M, rf1



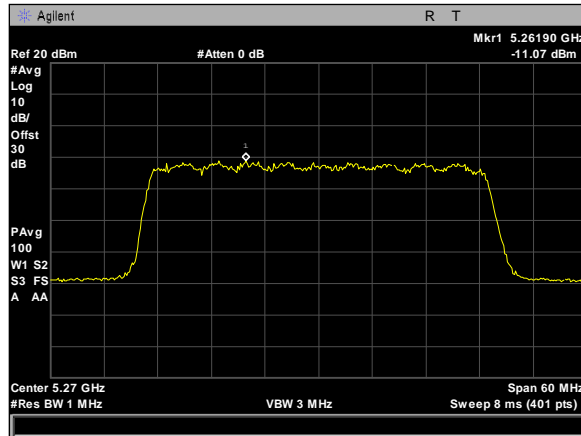
Plot 613. Power Spectral Density, 1Panel, 20M, 5595M, rf2



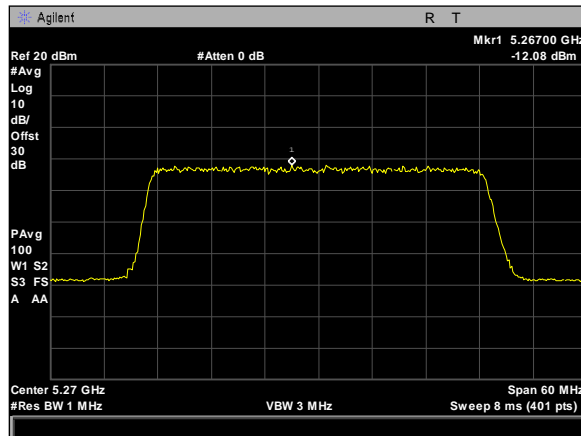
Plot 614. Power Spectral Density, 1Panel, 20M, 5700M, rf1



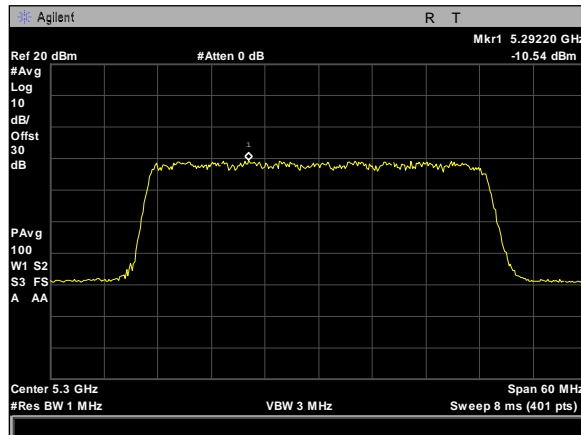
Plot 615. Power Spectral Density, 1Panel, 20M, 5700M, rf2



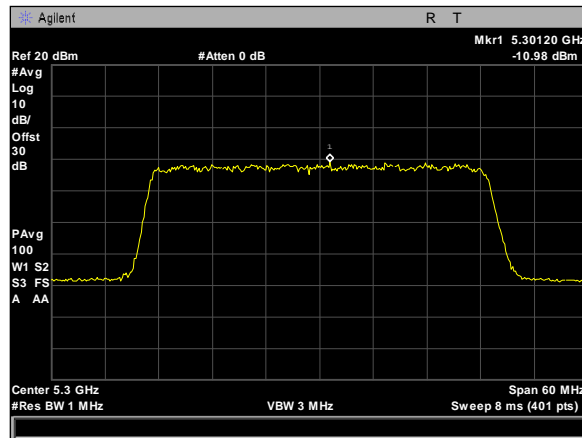
Plot 616. Power Spectral Density, 1Panel, 40M, 5270M, rf1



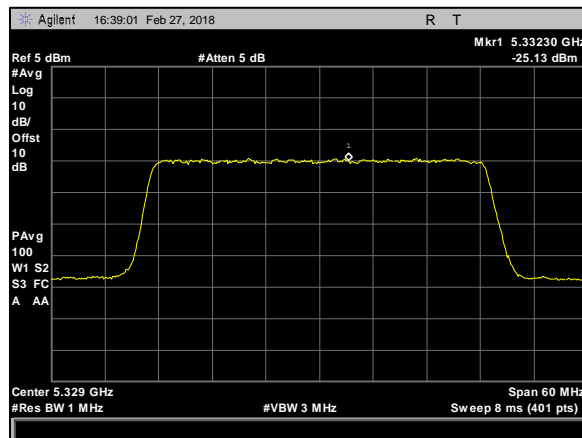
Plot 617. Power Spectral Density, 1Panel, 40M, 5270M, rf2



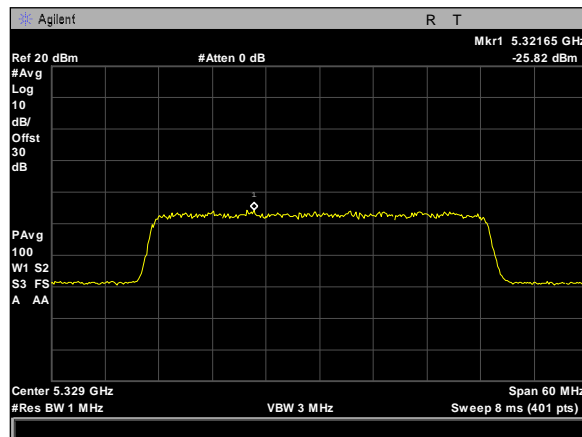
Plot 618. Power Spectral Density, 1Panel, 40M, 5300M, rf1



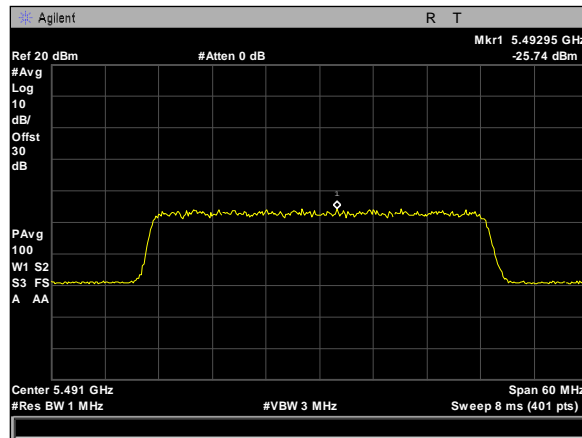
Plot 619. Power Spectral Density, 1Panel, 40M, 5300M, rf2



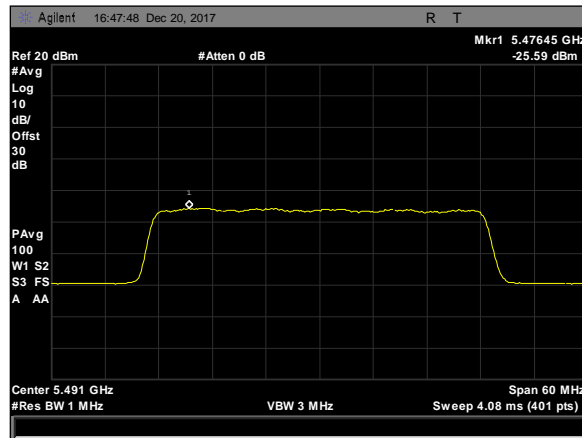
Plot 620. Power Spectral Density, 1Panel, 40M, 5329M, rf1



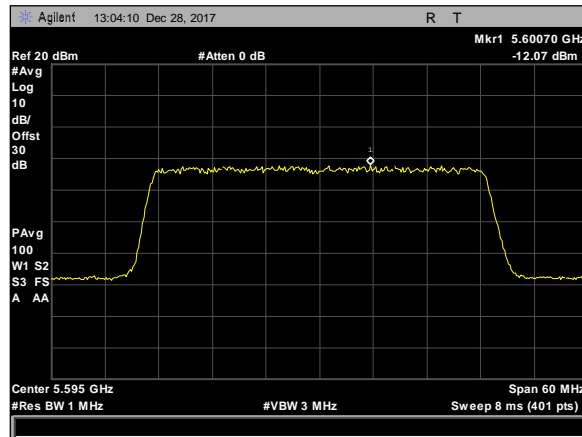
Plot 621. Power Spectral Density, 1Panel, 40M, 5329M, rf2



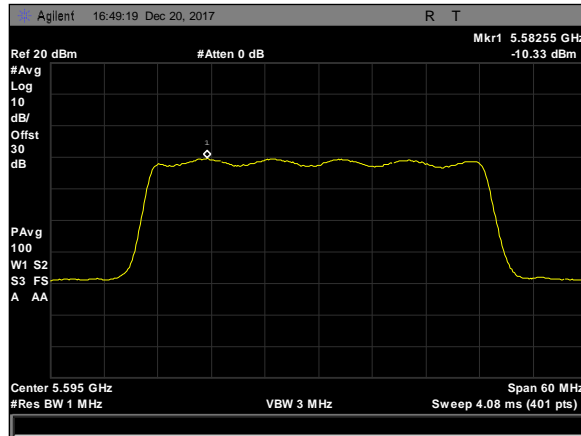
Plot 622. Power Spectral Density, 1Panel, 40M, 5491M, rf1



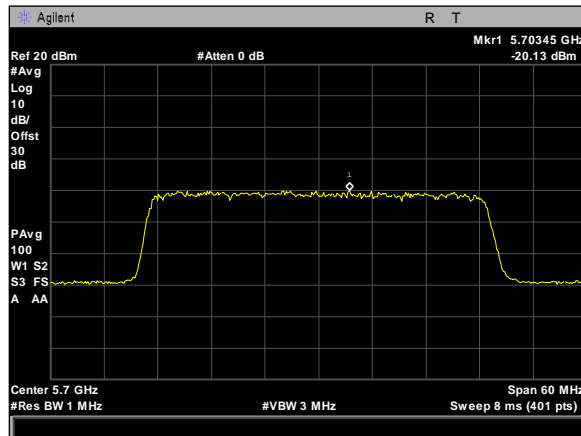
Plot 623. Power Spectral Density, 1Panel, 40M, 5491M, rf2



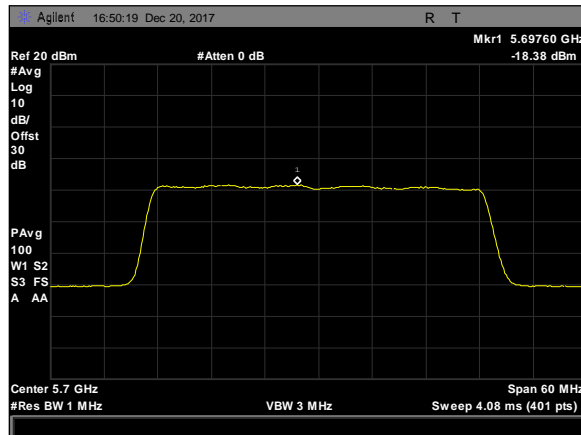
Plot 624. Power Spectral Density, 1Panel, 40M, 5595M, rf1



Plot 625. Power Spectral Density, 1Panel, 40M, 5595M, rf2



Plot 626. Power Spectral Density, 1Panel, 40M, 5700M, rf1



Plot 627. Power Spectral Density, 1Panel, 40M, 5700M, rf2



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 (dB μ V/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.

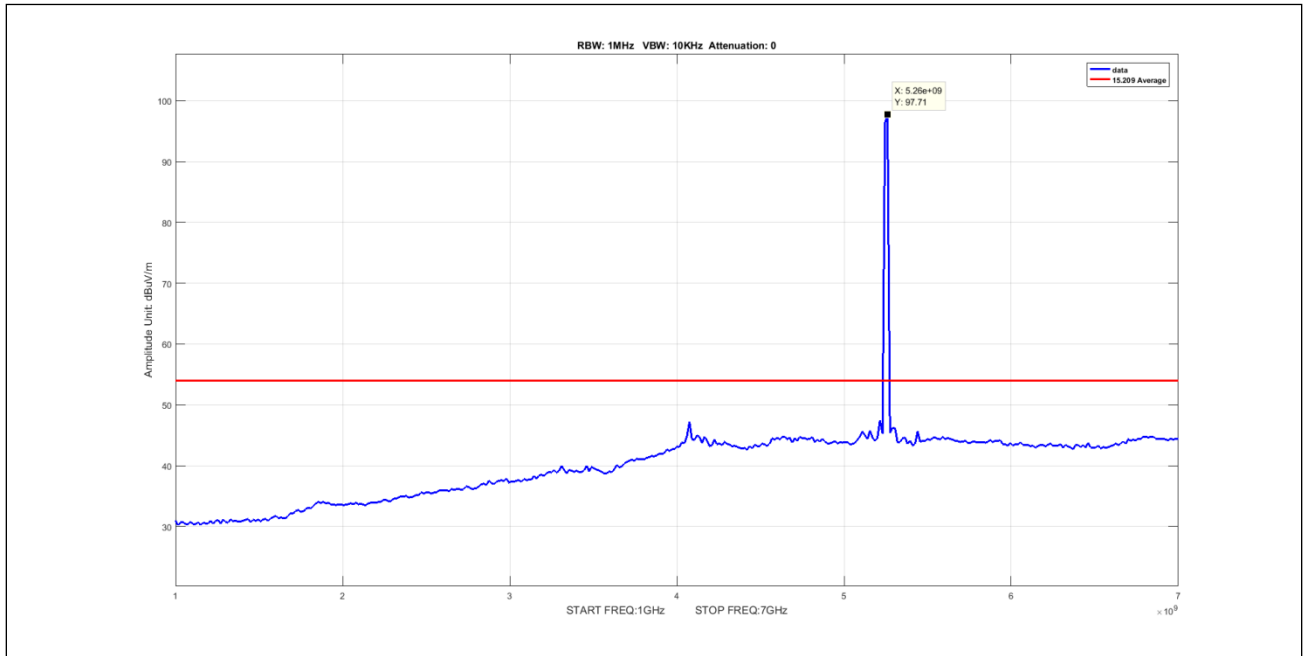
Test Results: For below 1 GHz, the EUT was compliant with the requirements of this section.

For above 1 GHz, the EUT was compliant with the requirements of this section.

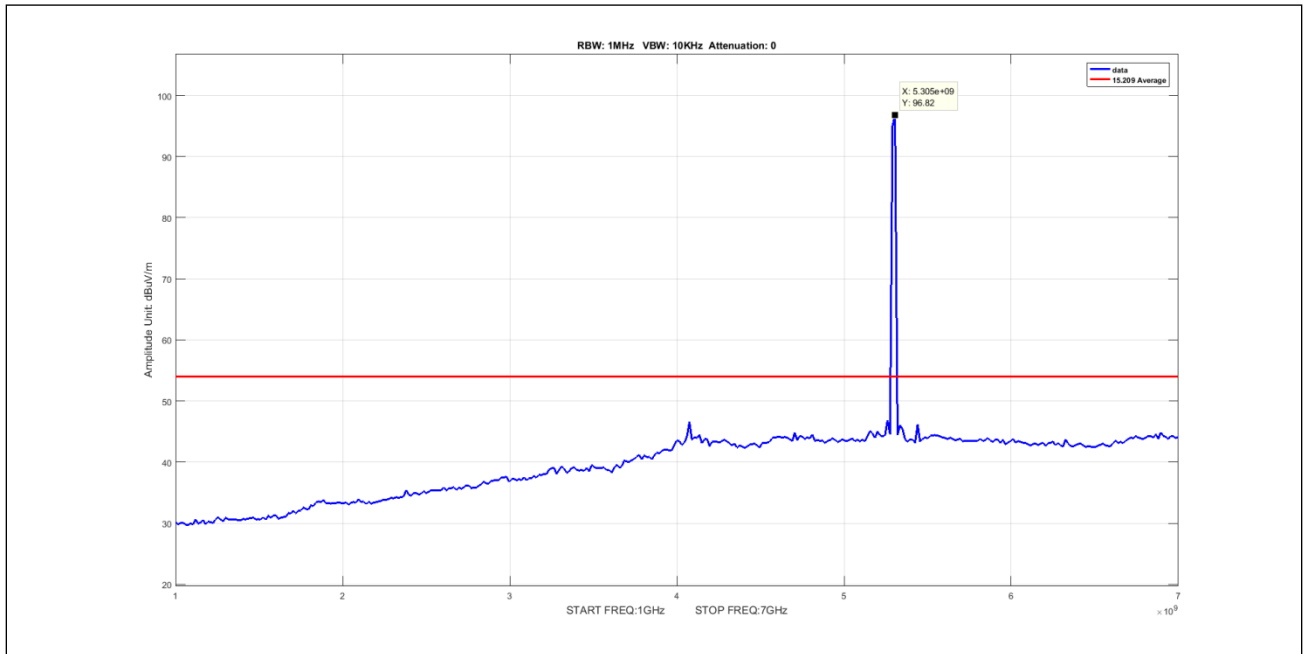
Measured emissions were within applicable limits.

Test Engineer(s): Bradley Jones

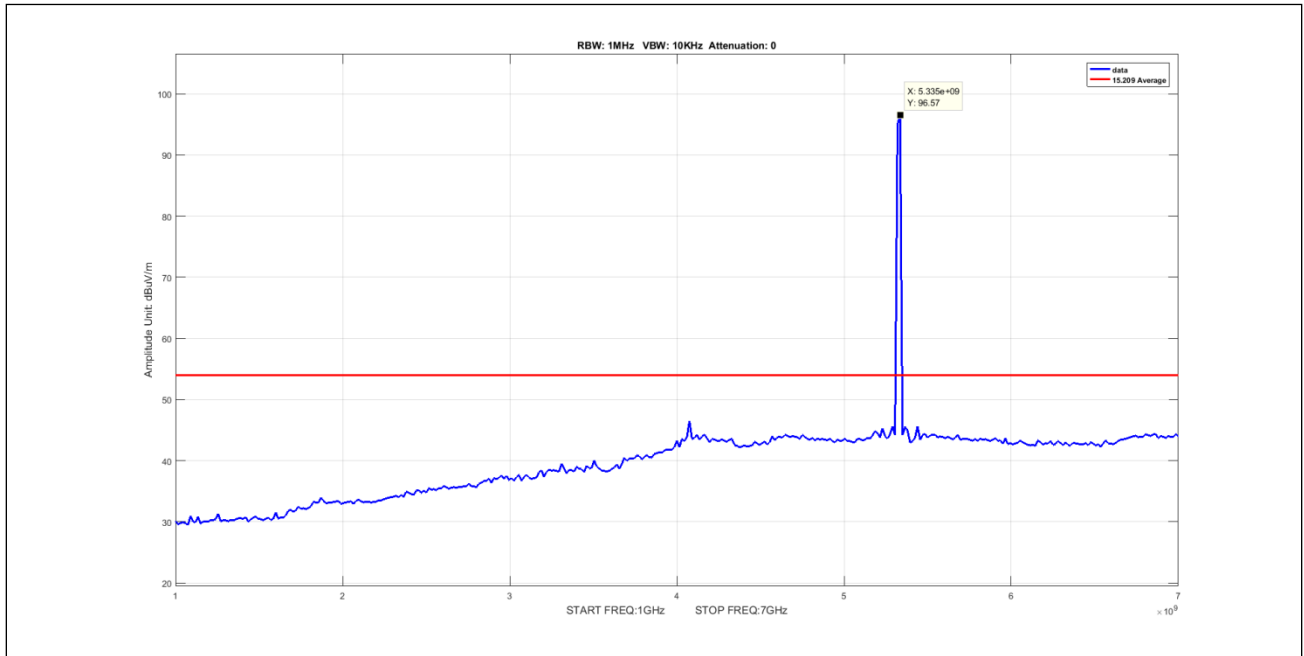
Test Date(s): November 28, 2018



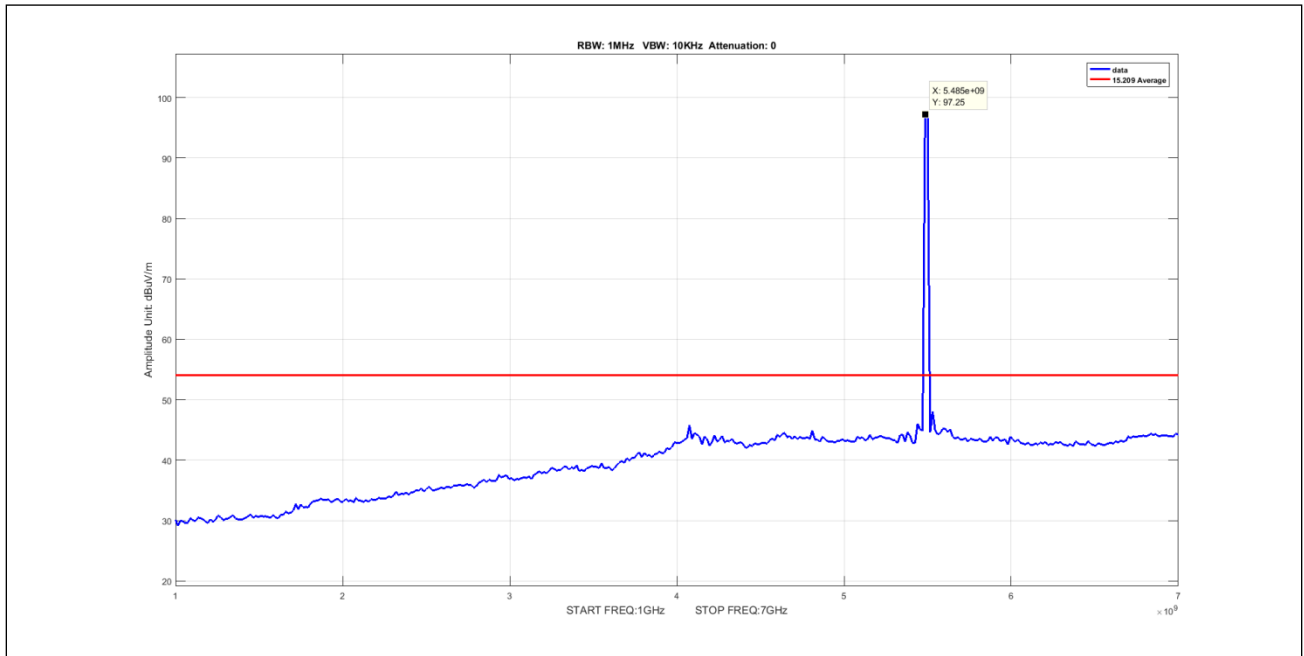
Plot 628. Undesirable Emissions, 2Panel, Average, 1-7GHz, 10M, 5255, pow-9



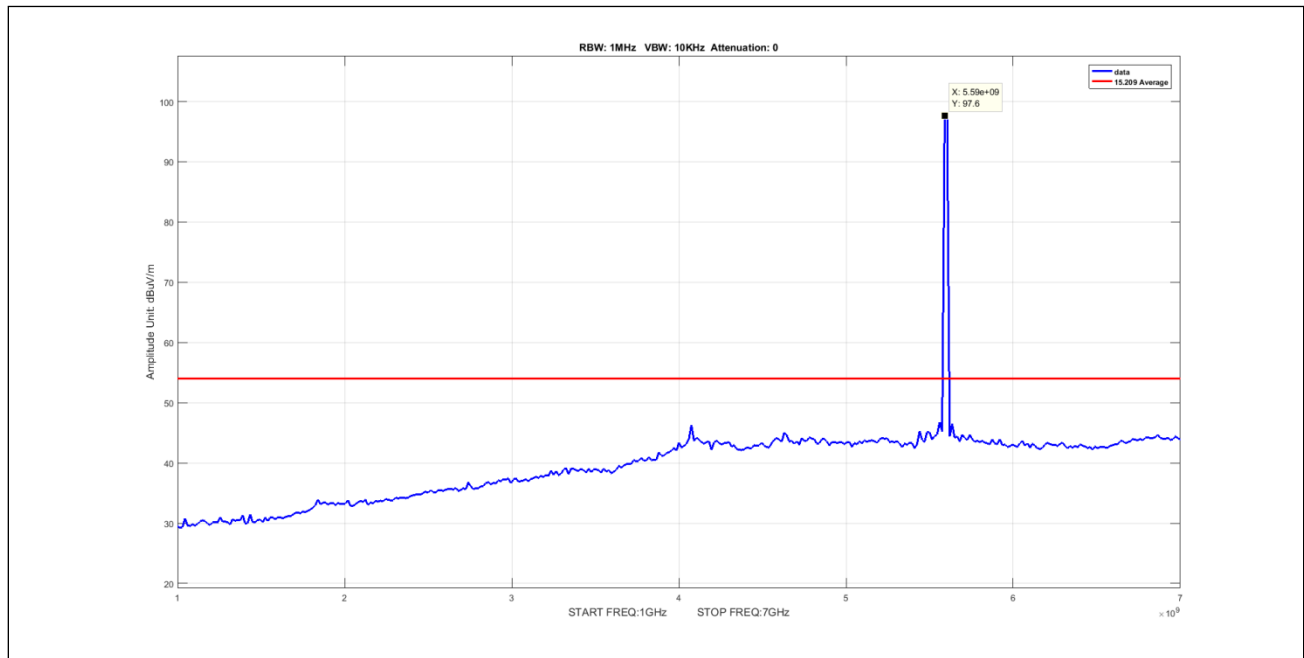
Plot 629. Undesirable Emissions, 2Panel, Average, 1-7GHz, 10M, 5300, pow-9



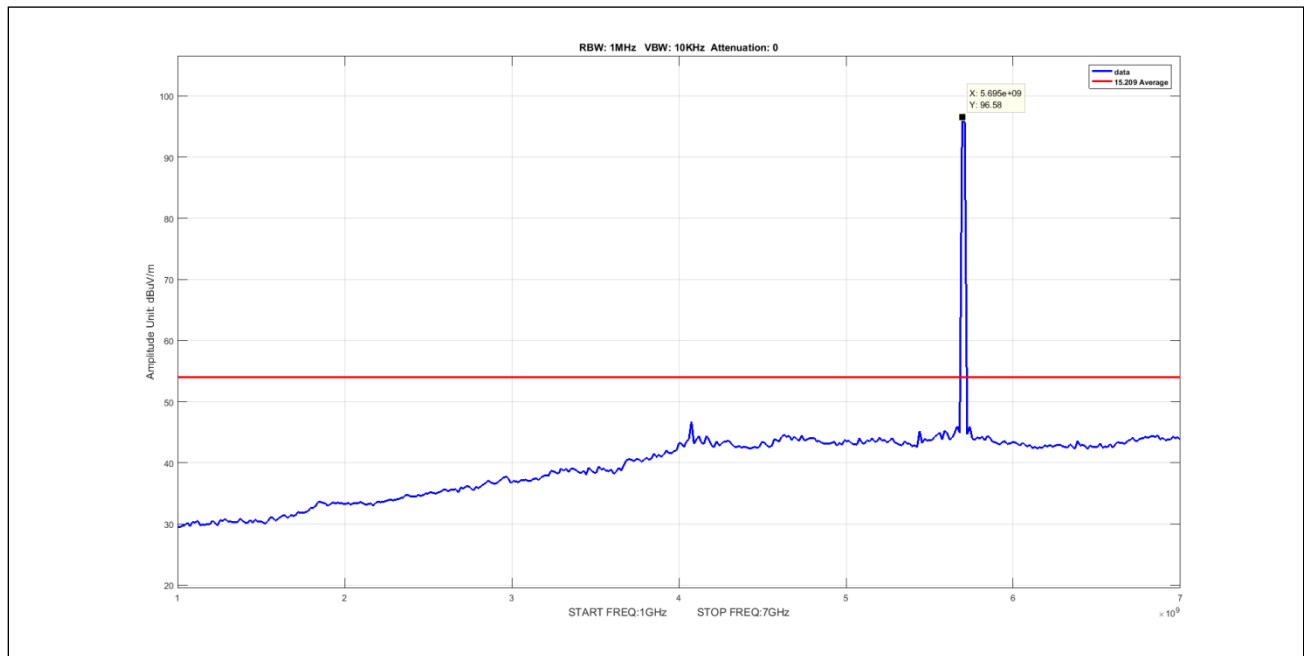
Plot 630. Undesirable Emissions, 2Panel, Average, 1-7GHz, 10M, 5330, pow-9



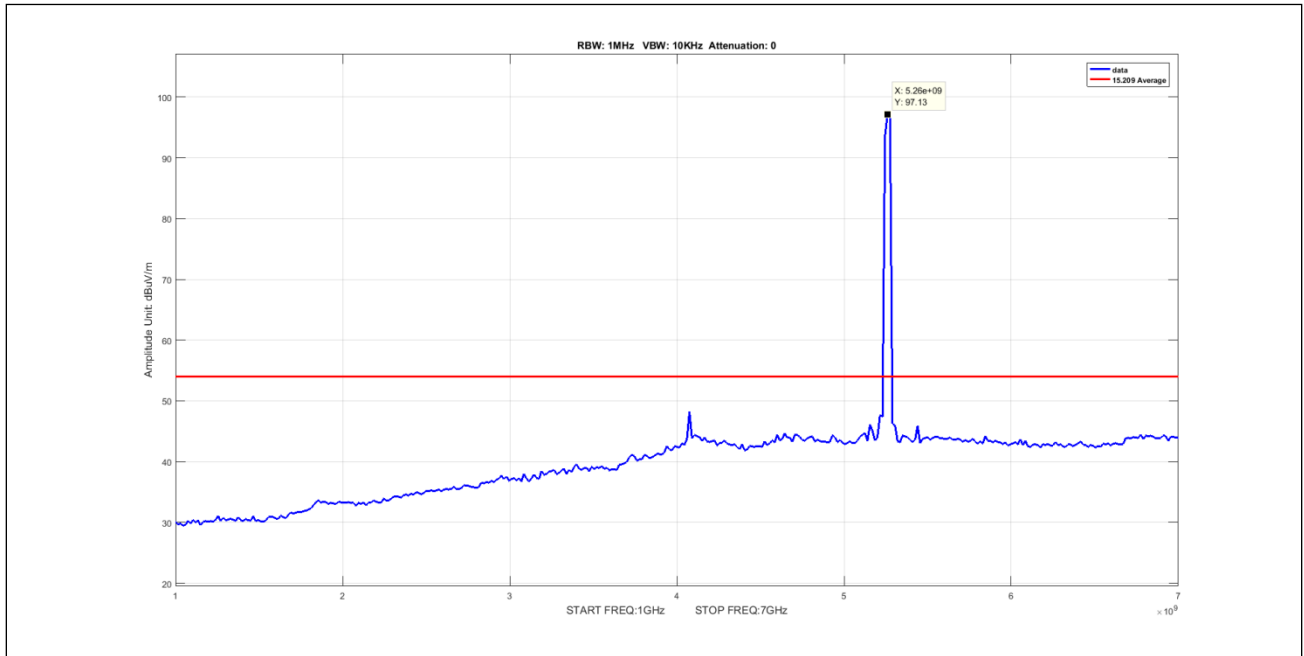
Plot 631. Undesirable Emissions, 2Panel, Average, 1-7GHz, 10M, 5490, pow-8



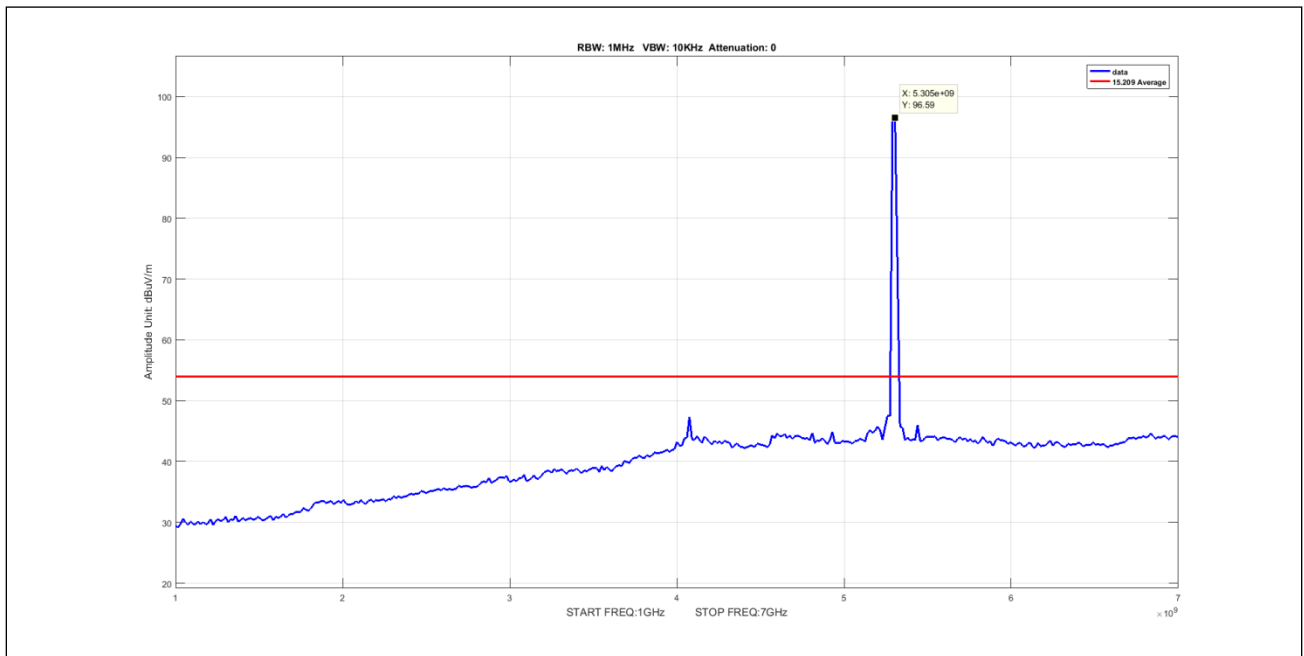
Plot 632. Undesirable Emissions, 2Panel, Average, 1-7GHz, 10M, 5595, pow-9



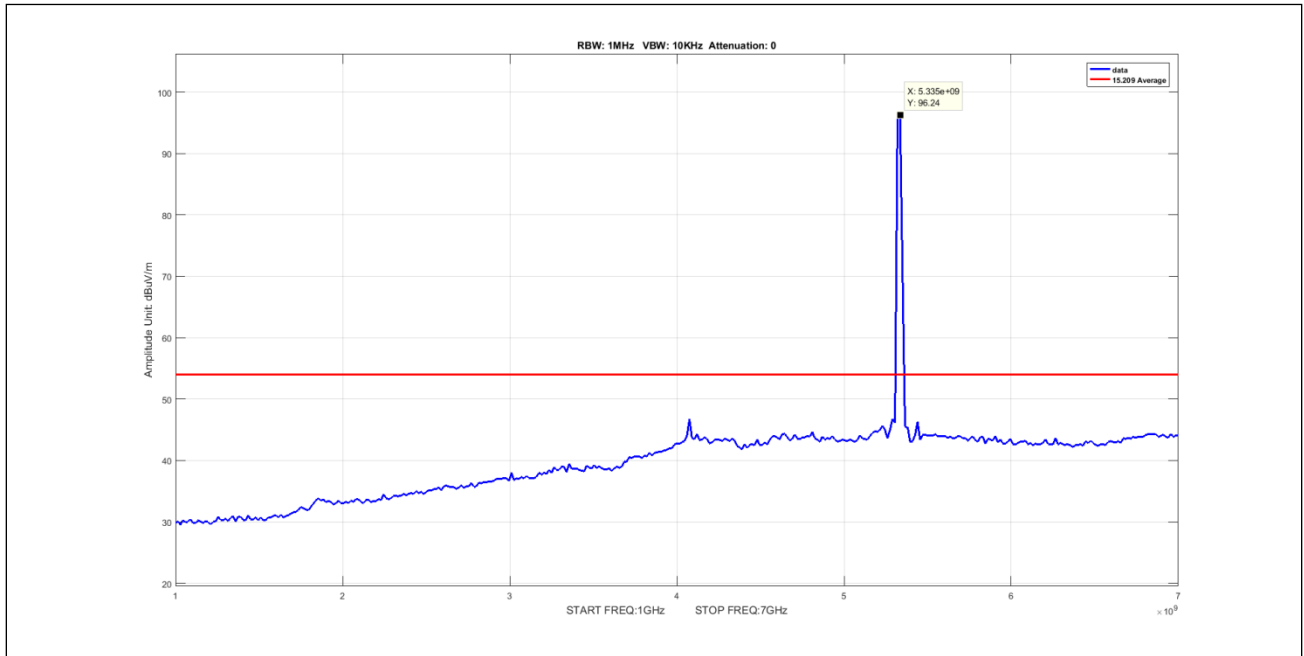
Plot 633. Undesirable Emissions, 2Panel, Average, 1-7GHz, 10M, 5700, pow-10



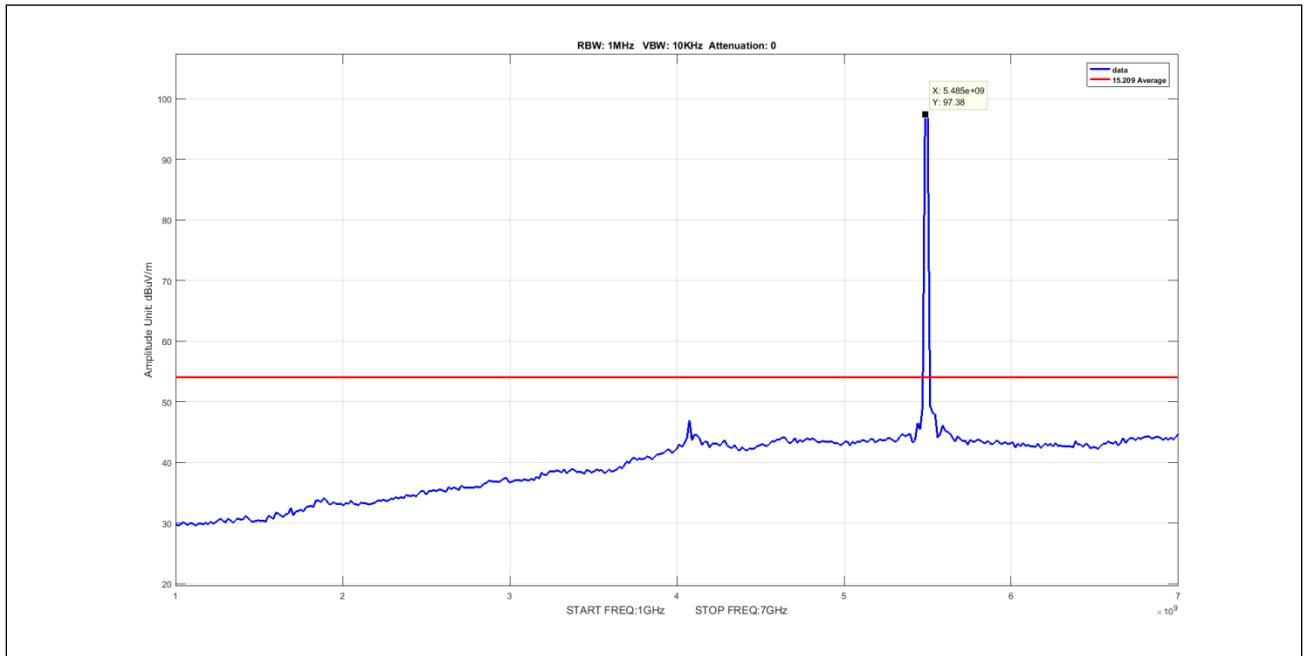
Plot 634. Undesirable Emissions, 2Panel, Average, 1-7GHz, 20M, 5260, pow-6



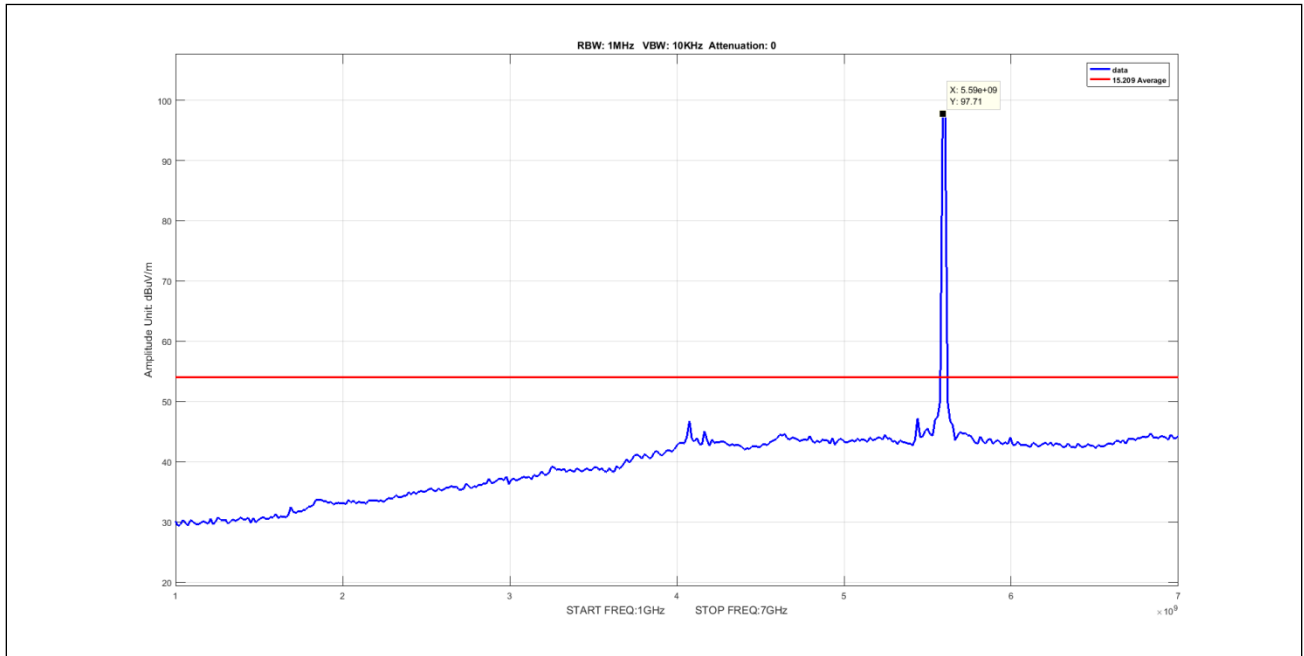
Plot 635. Undesirable Emissions, 2Panel, Average, 1-7GHz, 20M, 5300, pow-6



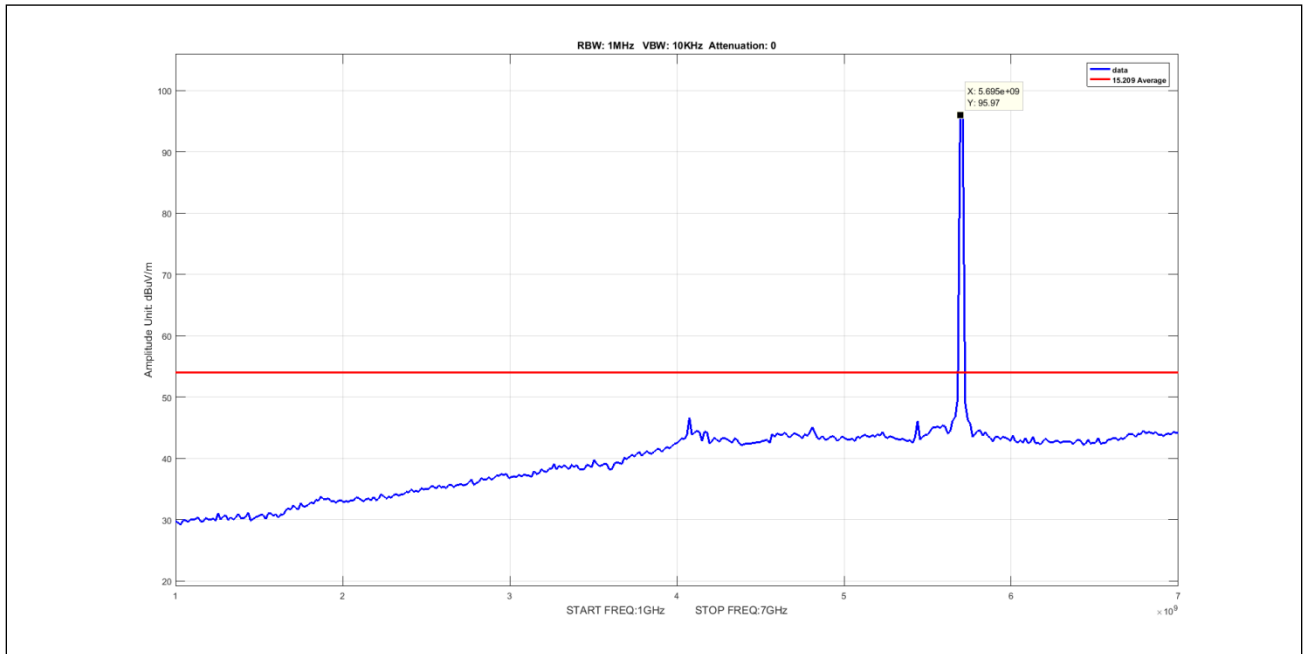
Plot 636. Undesirable Emissions, 2Panel, Average, 1-7GHz, 20M, 5330, pow-6



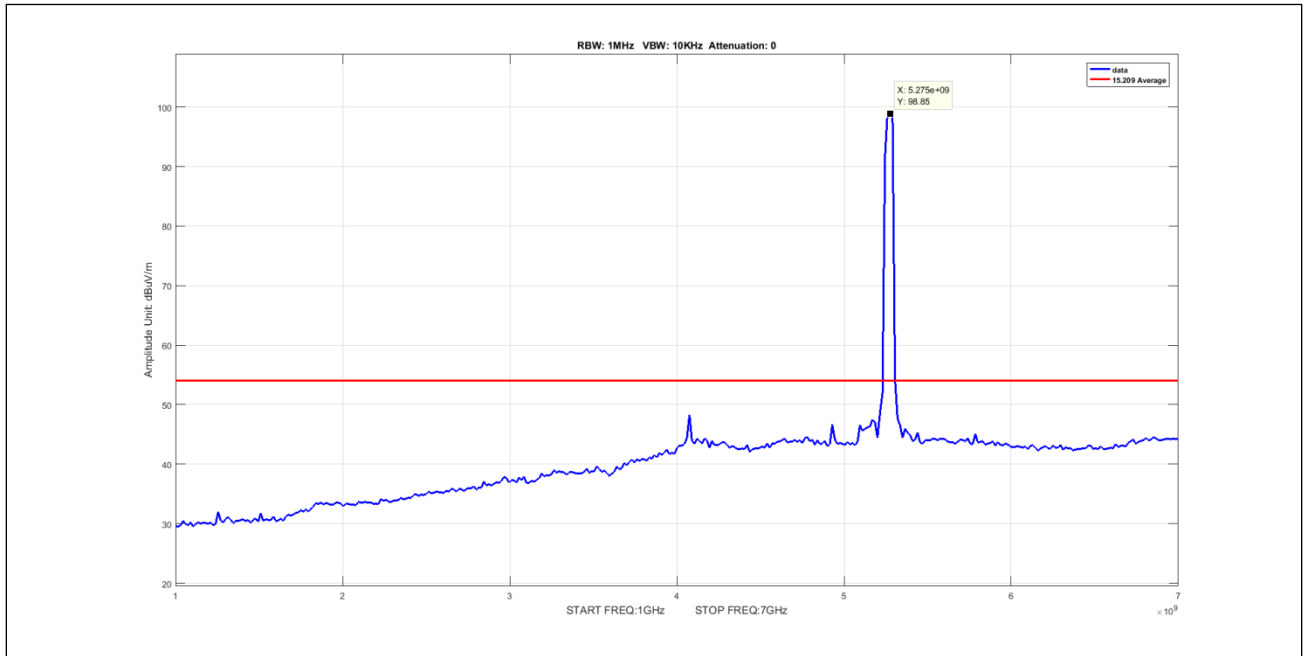
Plot 637. Undesirable Emissions, 2Panel, Average, 1-7GHz, 20M, 5490, pow-5



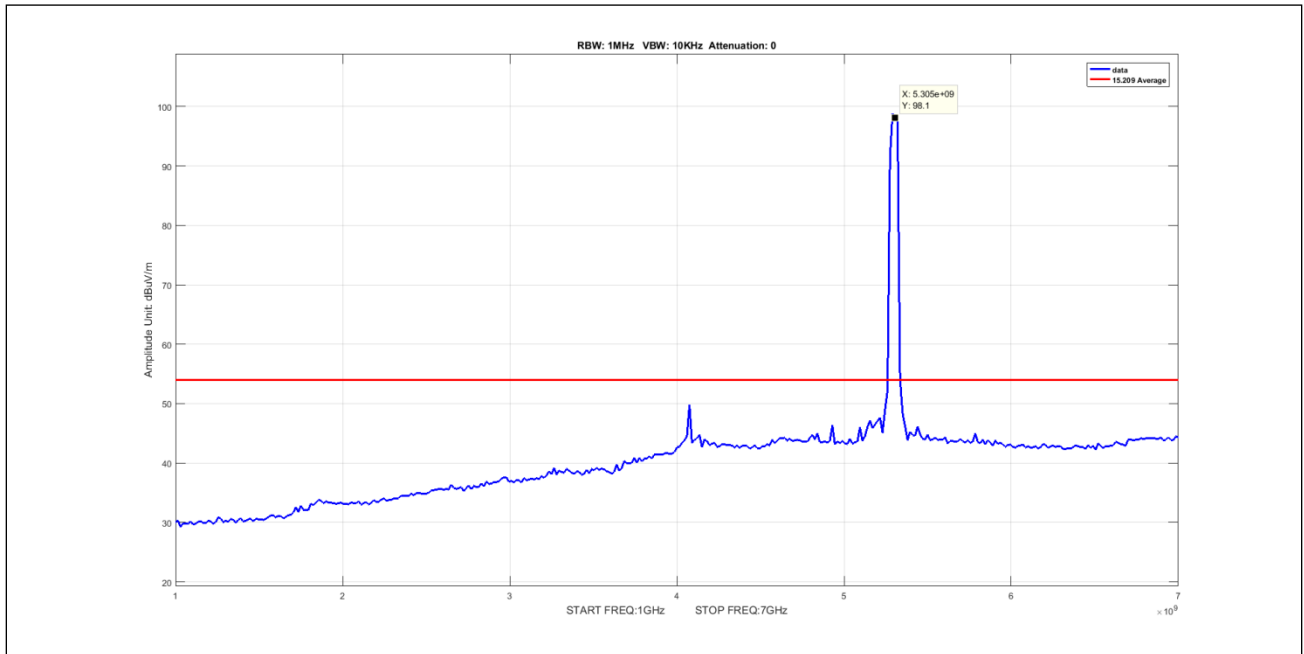
Plot 638. Undesirable Emissions, 2Panel, Average, 1-7GHz, 20M, 5595, pow-6



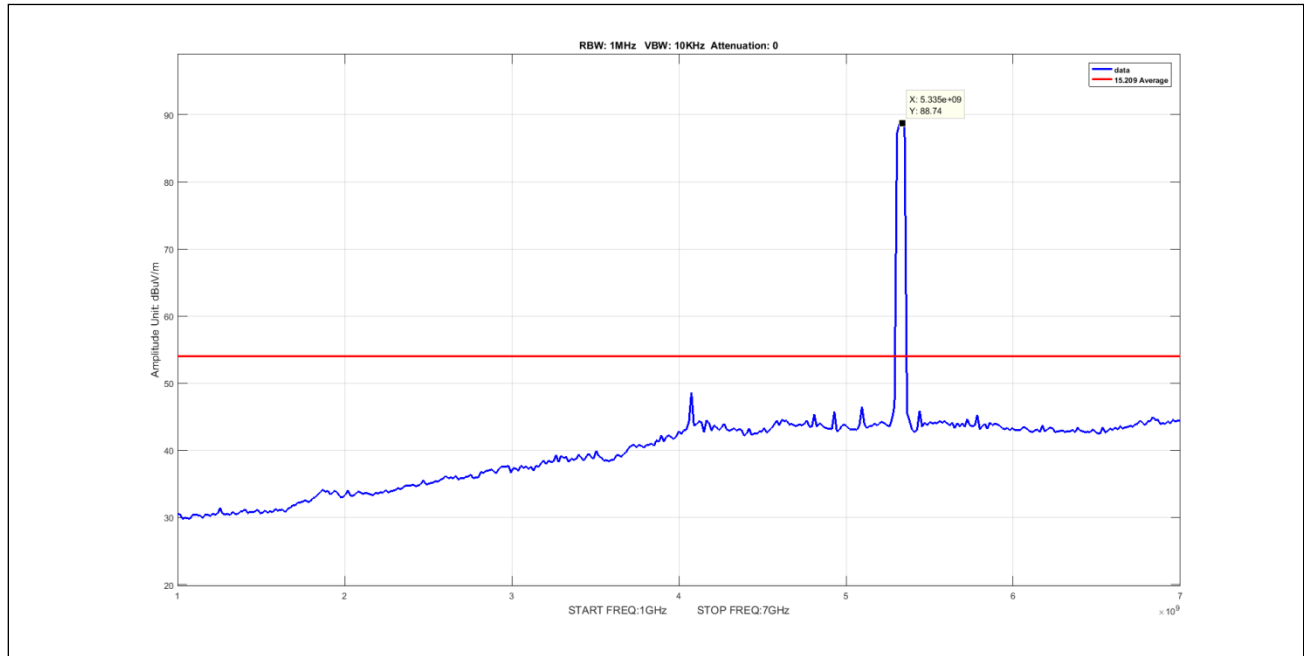
Plot 639. Undesirable Emissions, 2Panel, Average, 1-7GHz, 20M, 5700, pow-7



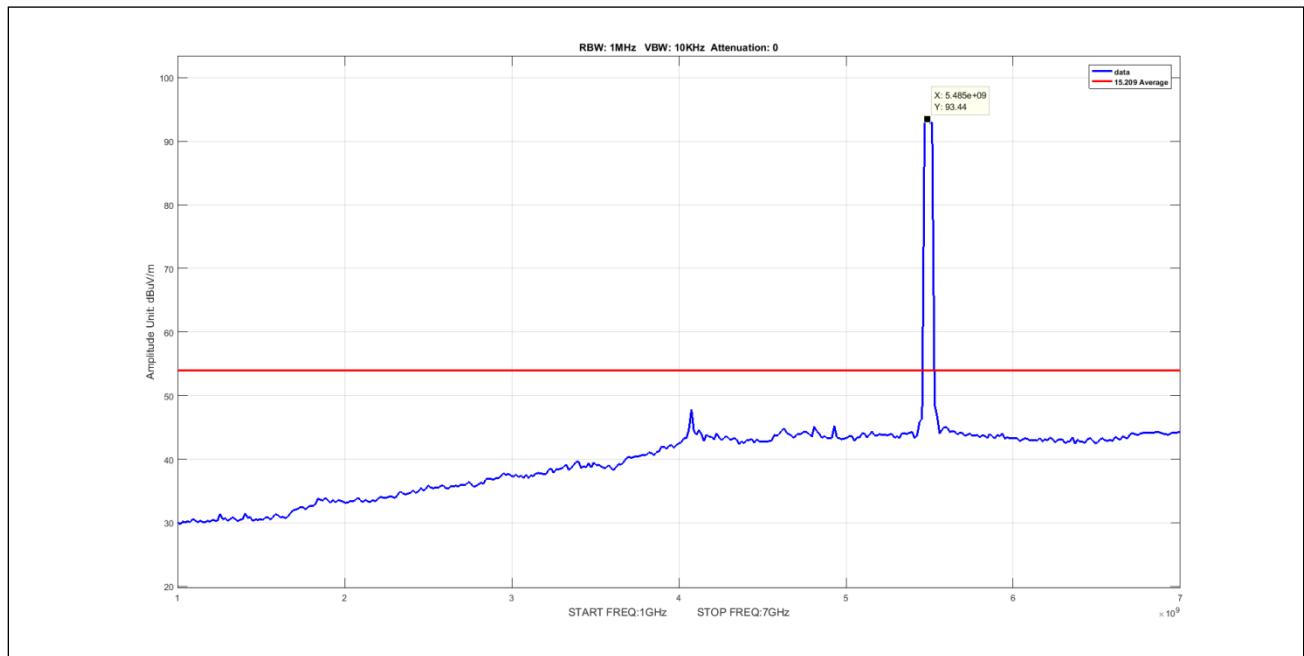
Plot 640. Undesirable Emissions, 2Panel, Average, 1-7GHz, 40M, 5270, pow-1



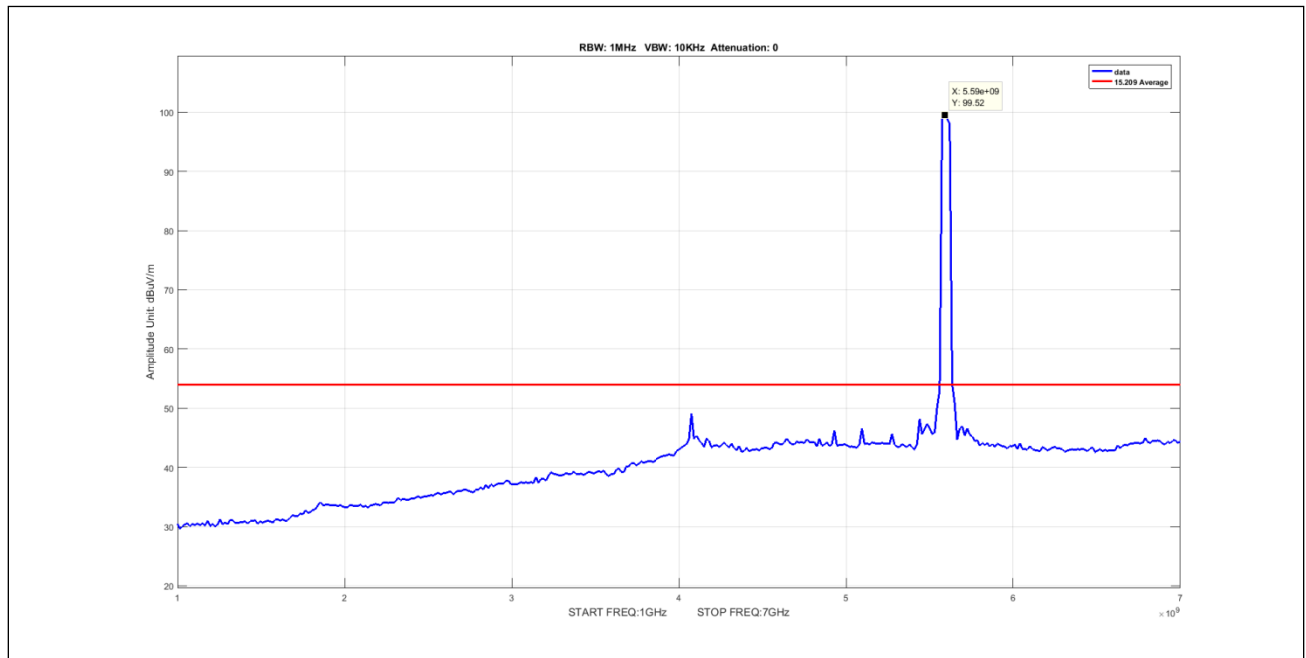
Plot 641. Undesirable Emissions, 2Panel, Average, 1-7GHz, 40M, 5300, pow-1



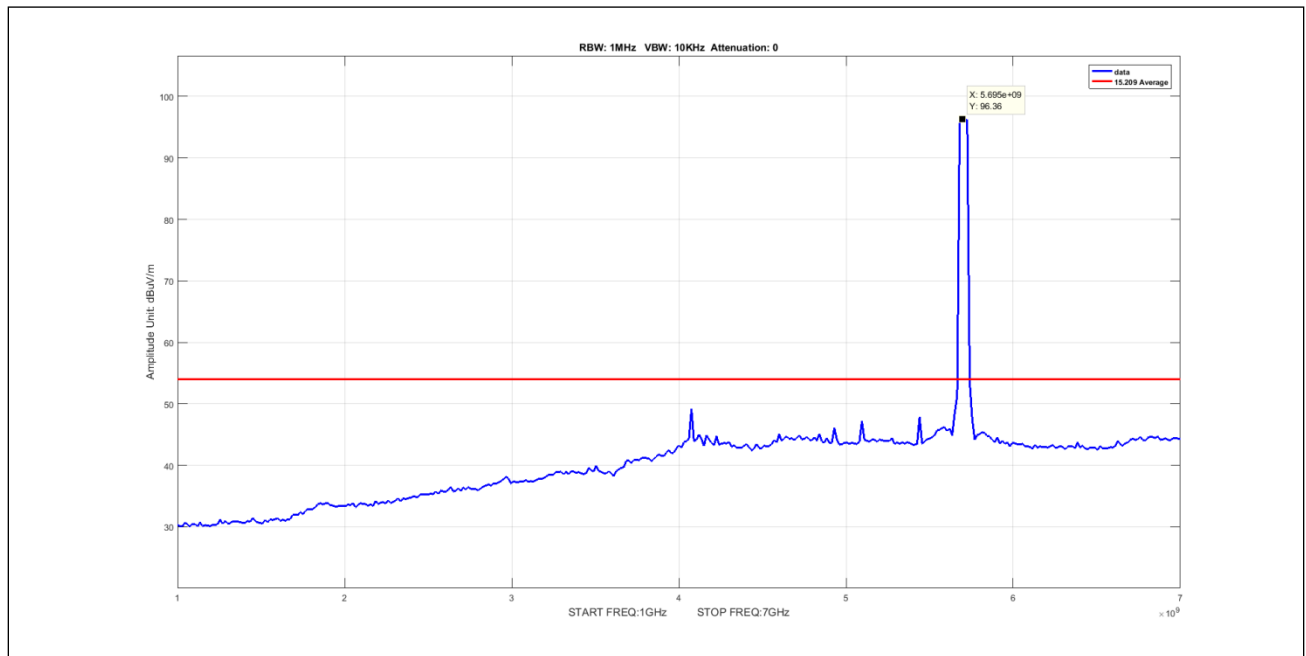
Plot 642. Undesirable Emissions, 2Panel, Average, 1-7GHz, 40M, 5329, pow-10



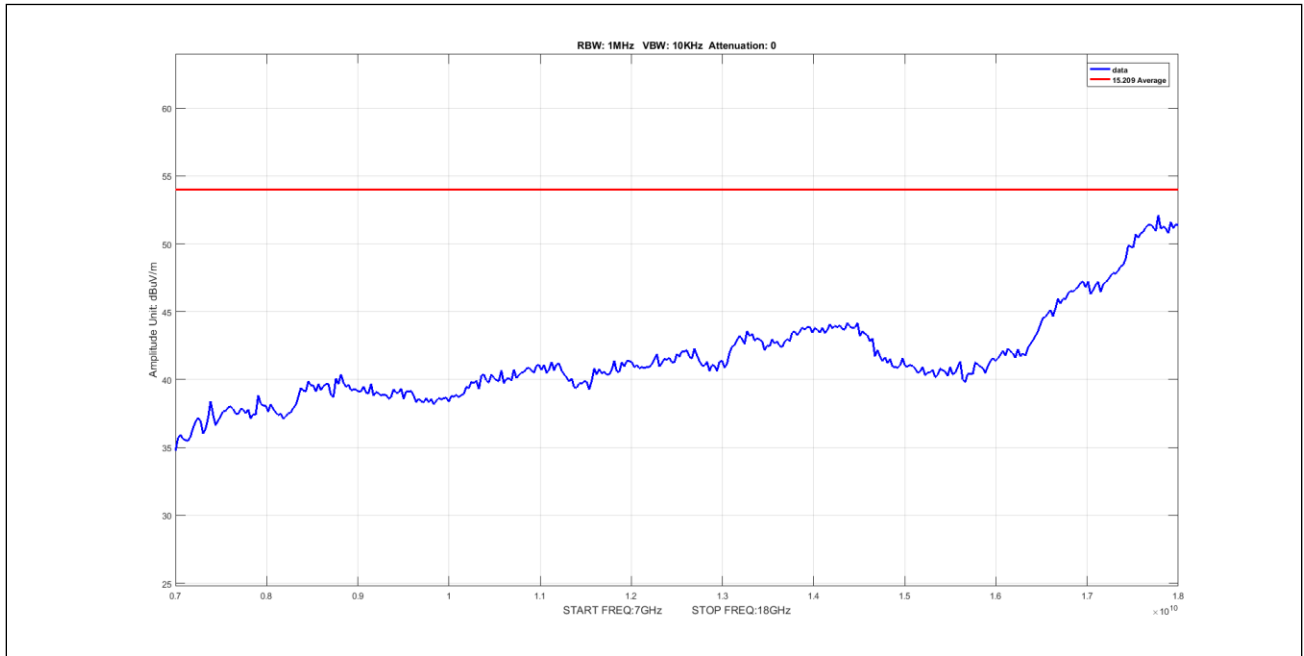
Plot 643. Undesirable Emissions, 2Panel, Average, 1-7GHz, 40M, 5490, pow-6



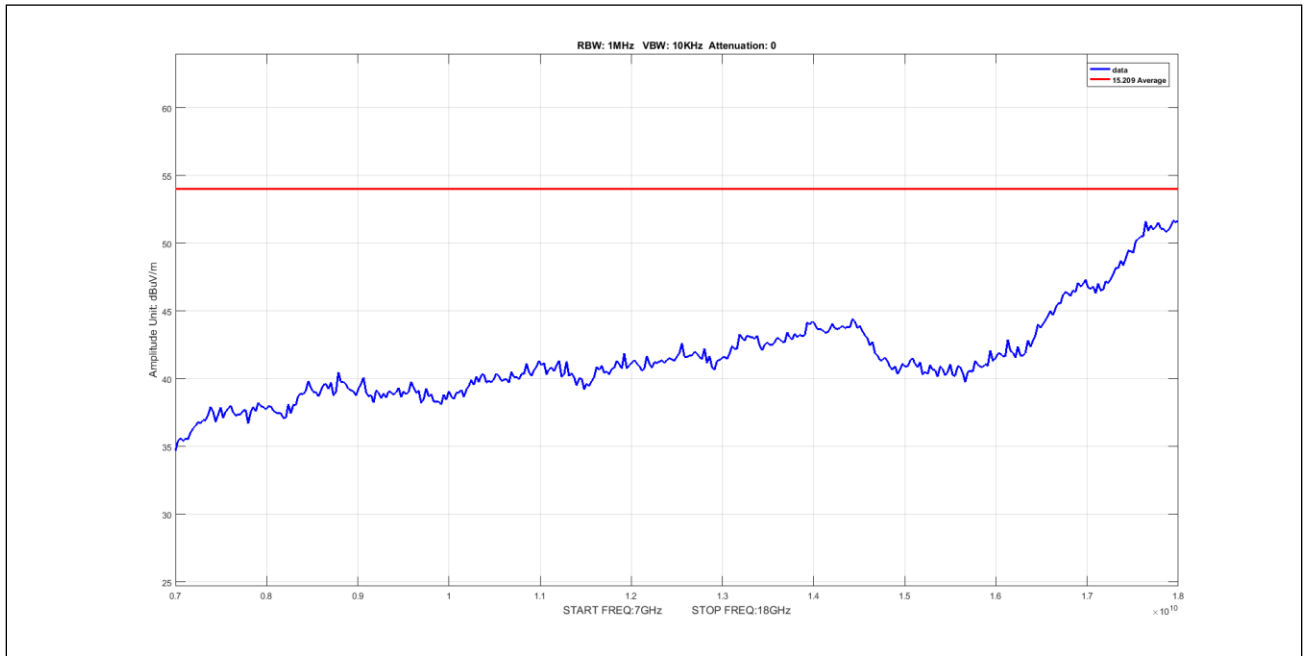
Plot 644. Undesirable Emissions, 2Panel, Average, 1-7GHz, 40M, 5595, pow-1



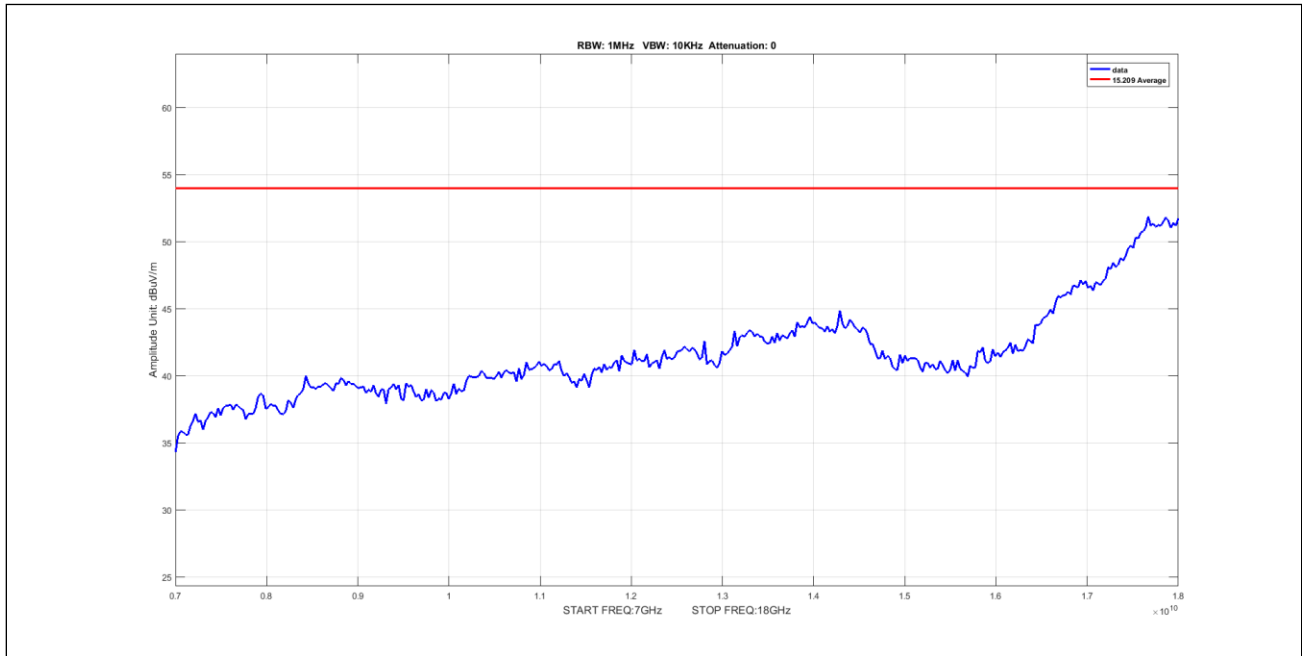
Plot 645. Undesirable Emissions, 2Panel, Average, 1-7GHz, 40M, 5700, pow-4



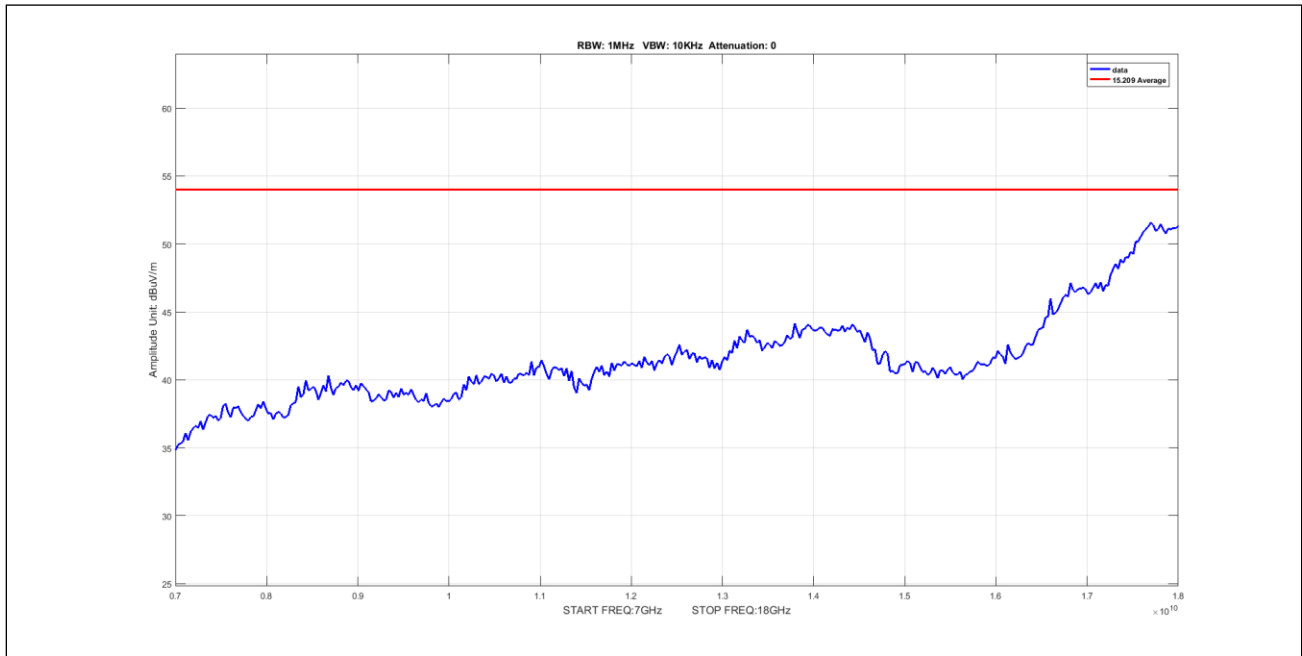
Plot 646. Undesirable Emissions, 2Panel, Average, 7-18GHz, 10M, 5255, pow-9



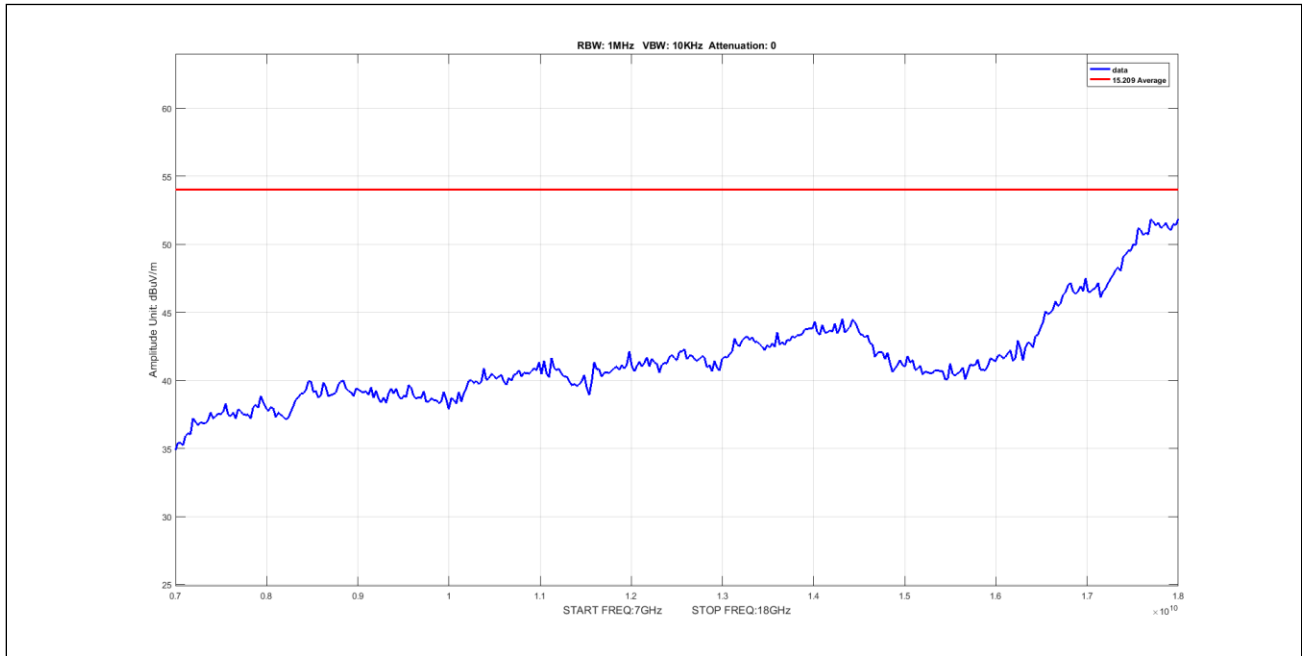
Plot 647. Undesirable Emissions, 2Panel, Average, 7-18GHz, 10M, 5300, pow-9



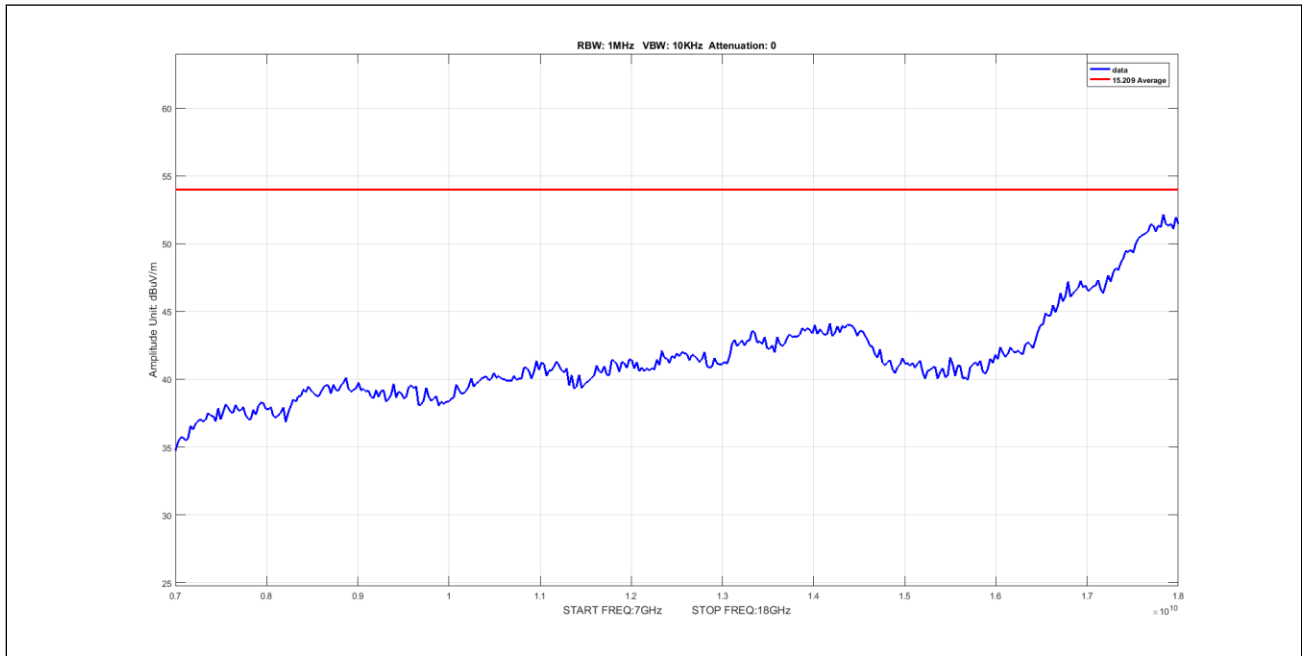
Plot 648. Undesirable Emissions, 2Panel, Average, 7-18GHz, 10M, 5330, pow-9



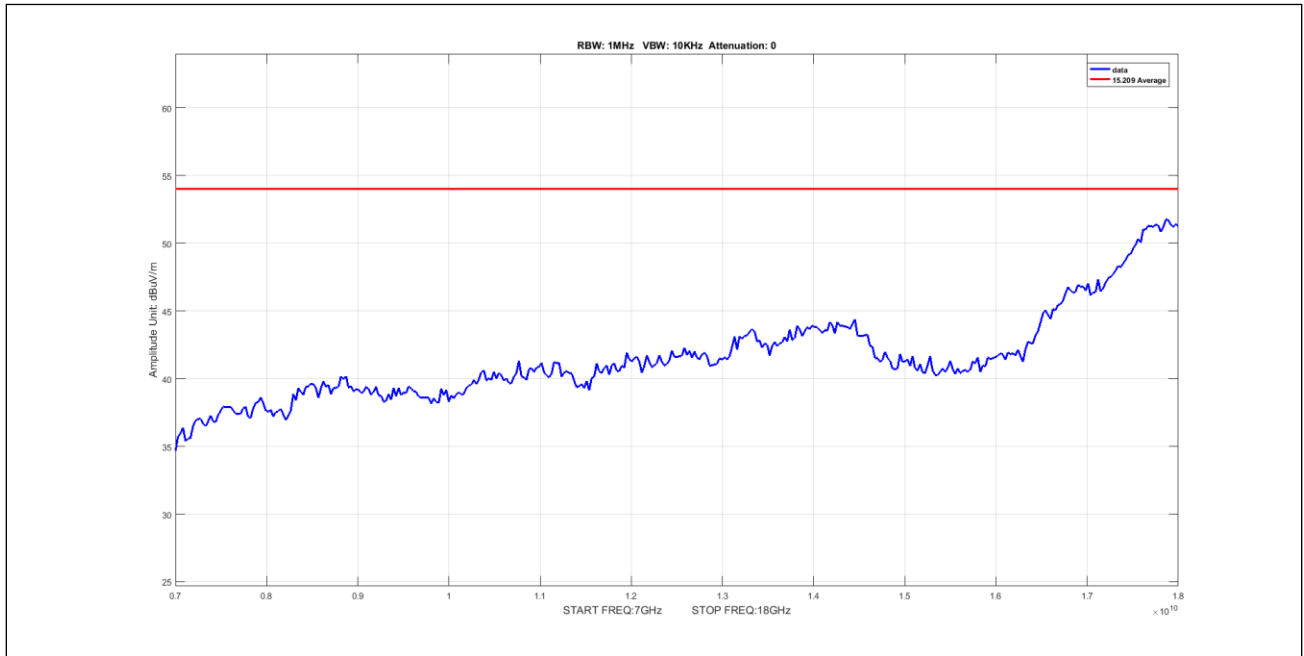
Plot 649. Undesirable Emissions, 2Panel, Average, 7-18GHz, 10M, 5490, pow-8



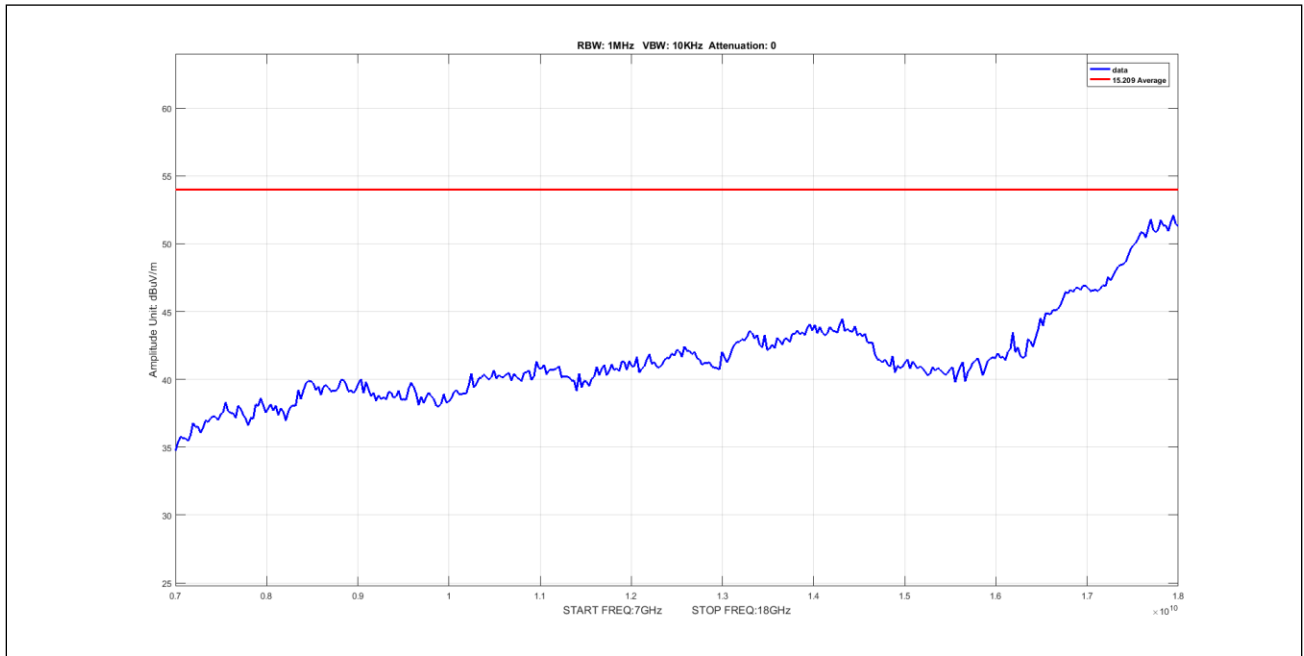
Plot 650. Undesirable Emissions, 2Panel, Average, 7-18GHz, 10M, 5595, pow-9



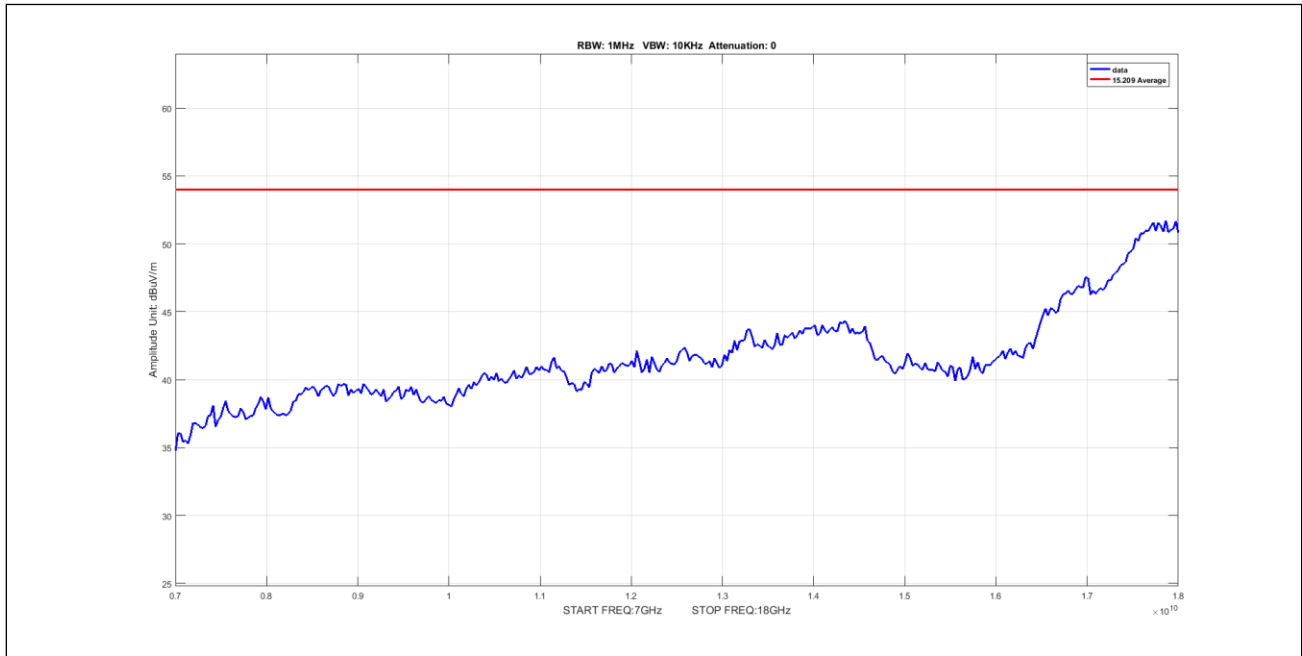
Plot 651. Undesirable Emissions, 2Panel, Average, 7-18GHz, 10M, 5700, pow-10



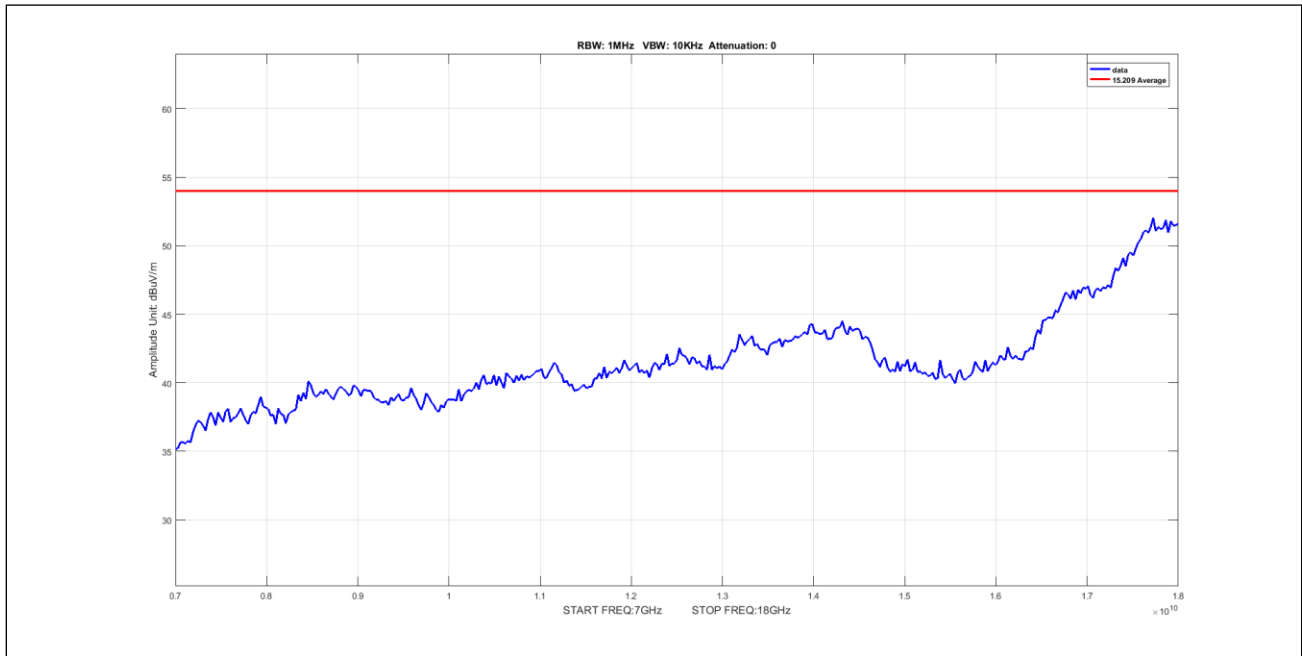
Plot 652. Undesirable Emissions, 2Panel, Average, 7-18GHz, 20M, 5260, pow-6



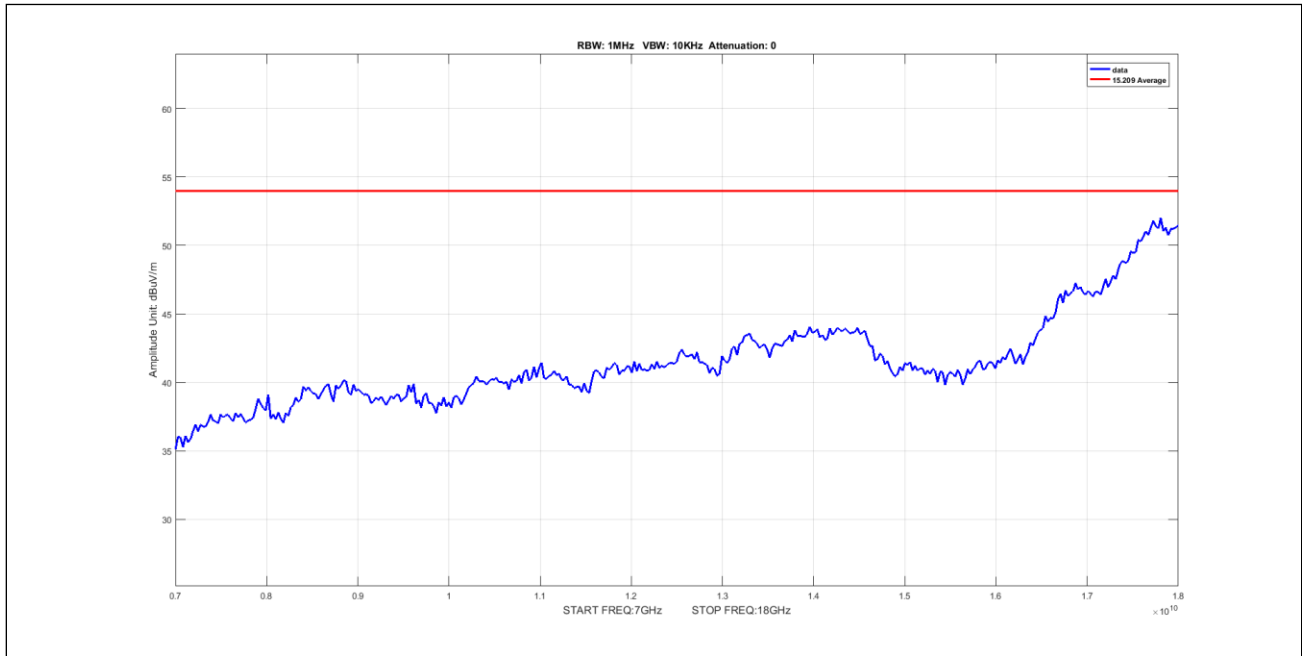
Plot 653. Undesirable Emissions, 2Panel, Average, 7-18GHz, 20M, 5300, pow-6



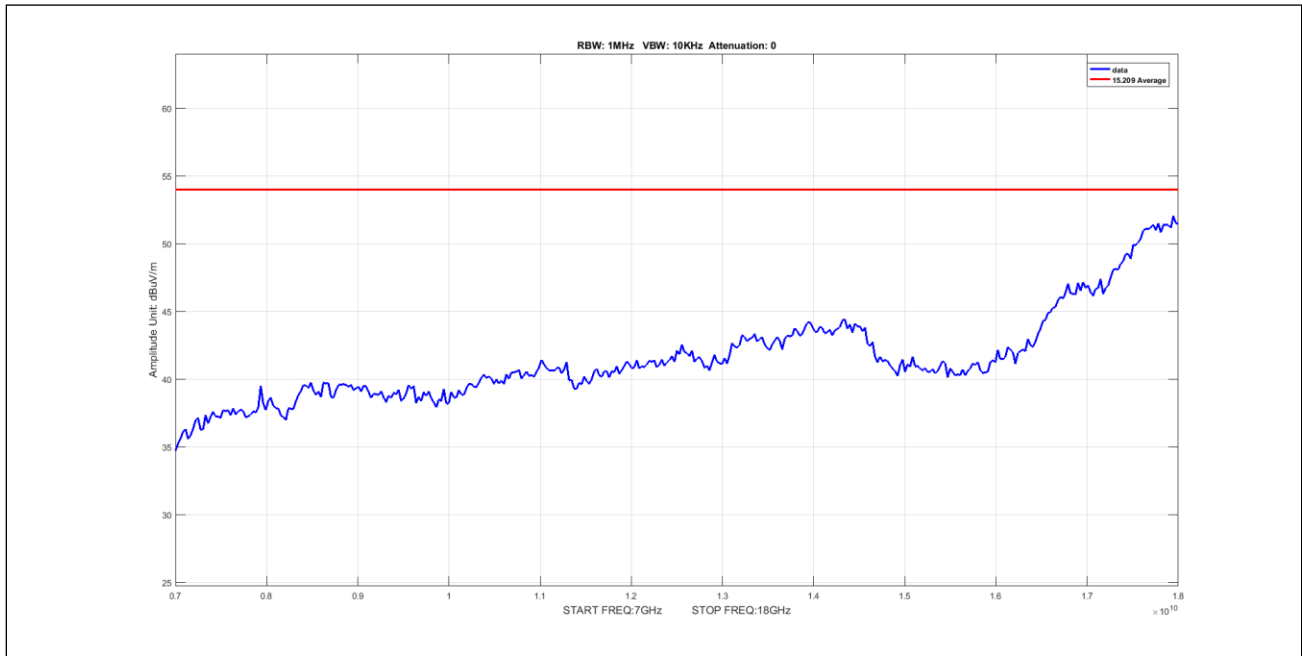
Plot 654. Undesirable Emissions, 2Panel, Average, 7-18GHz, 20M, 5330, pow-6



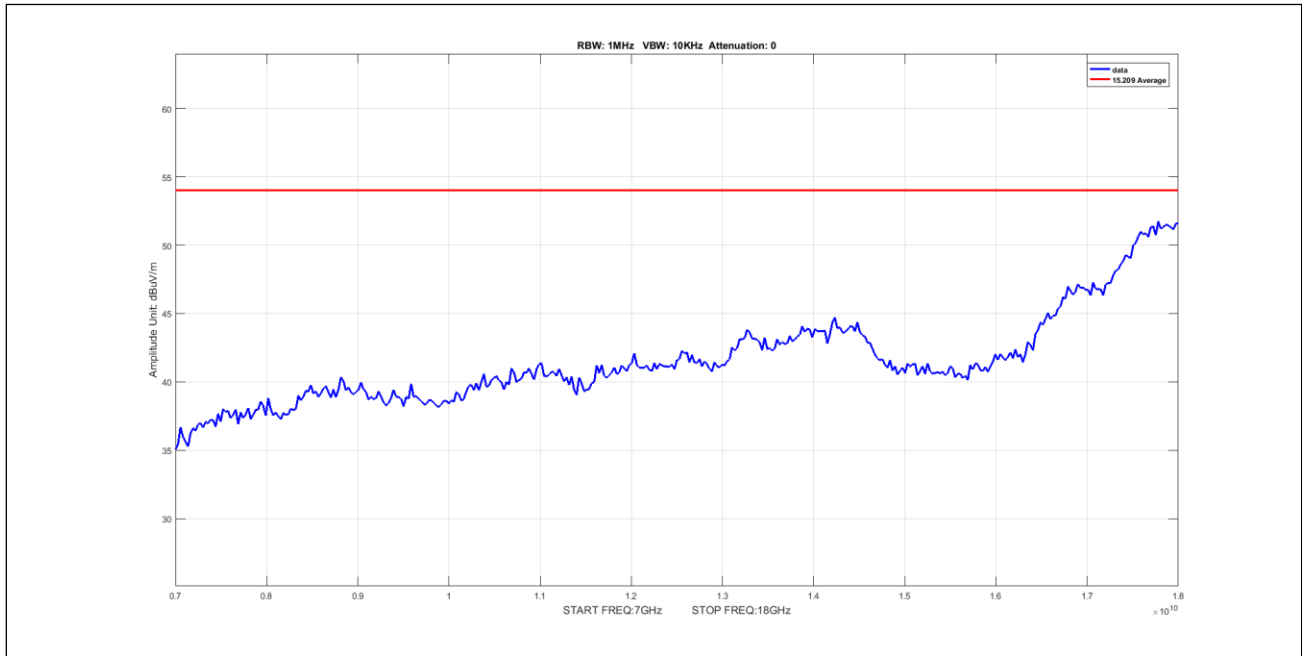
Plot 655. Undesirable Emissions, 2Panel, Average, 7-18GHz, 20M, 5490, pow-5



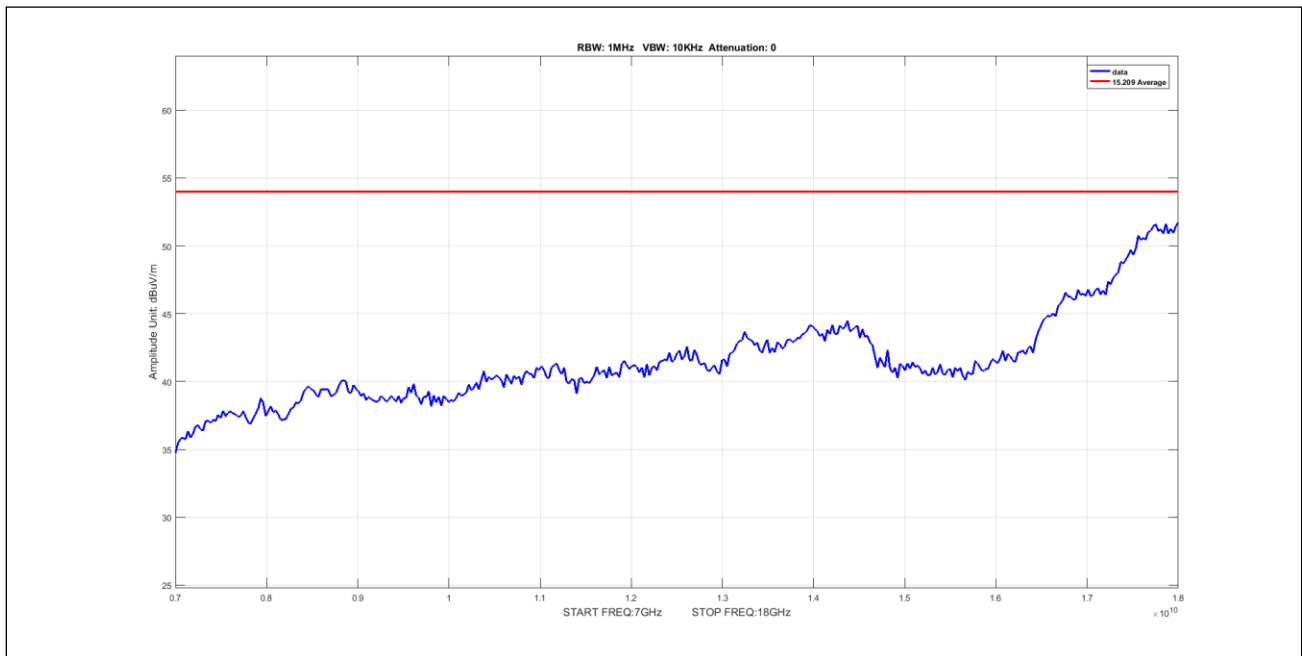
Plot 656. Undesirable Emissions, 2Panel, Average, 7-18GHz, 20M, 5595, pow-6



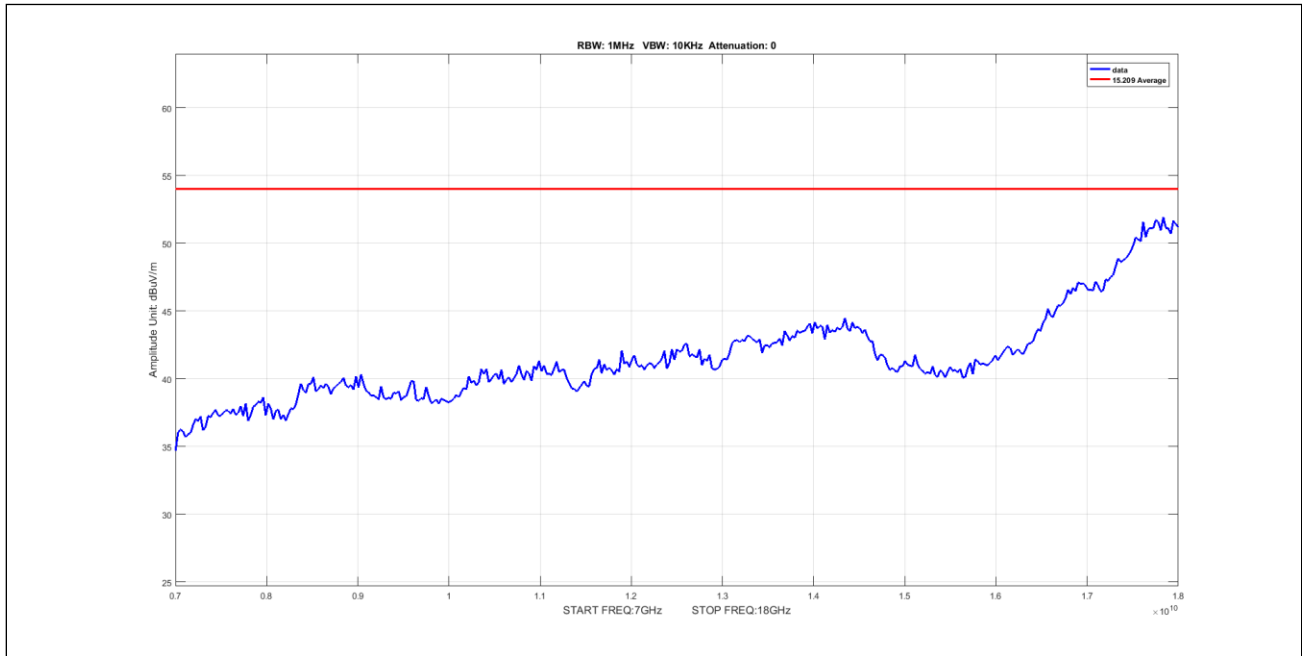
Plot 657. Undesirable Emissions, 2Panel, Average, 7-18GHz, 20M, 5700, pow-7



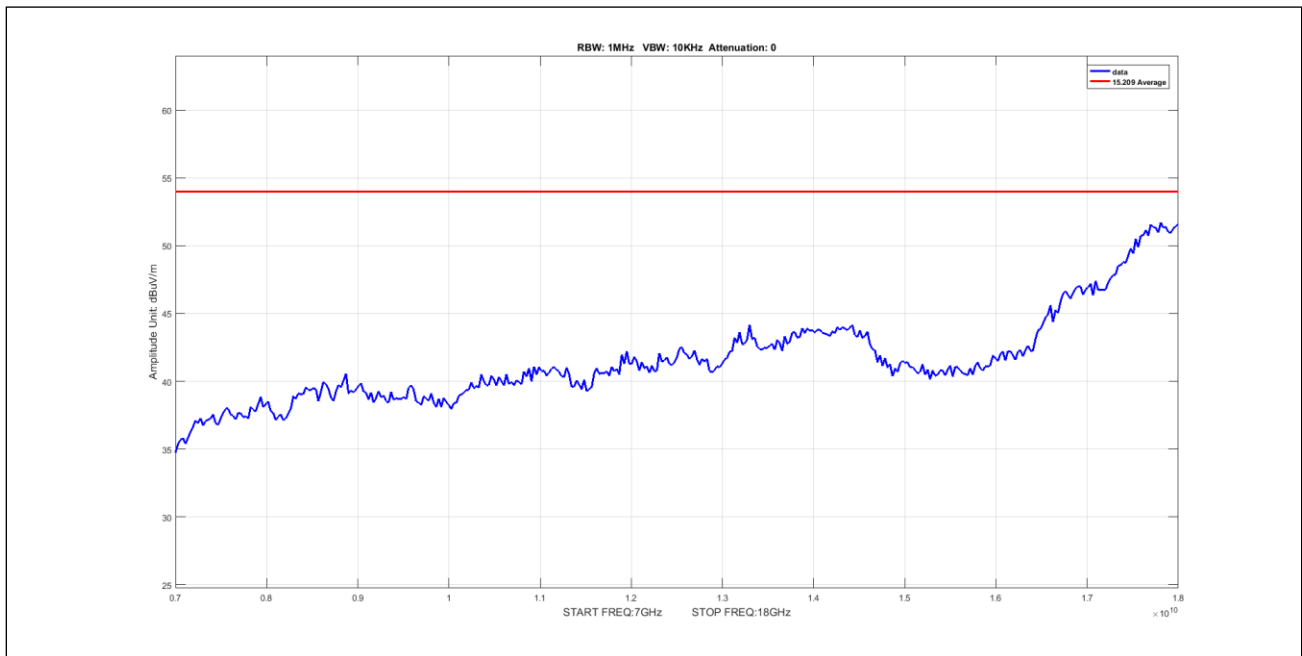
Plot 658. Undesirable Emissions, 2Panel, Average, 7-18GHz, 40M, 5270, pow-1



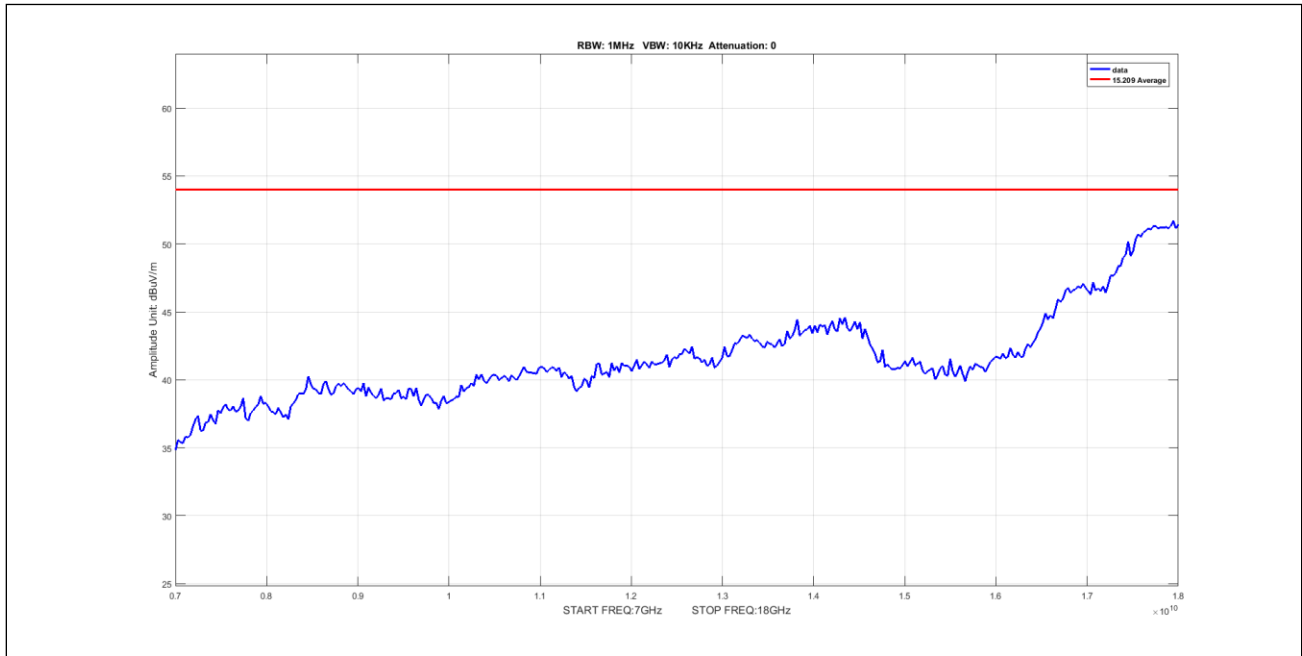
Plot 659. Undesirable Emissions, 2Panel, Average, 7-18GHz, 40M, 5300, pow-1



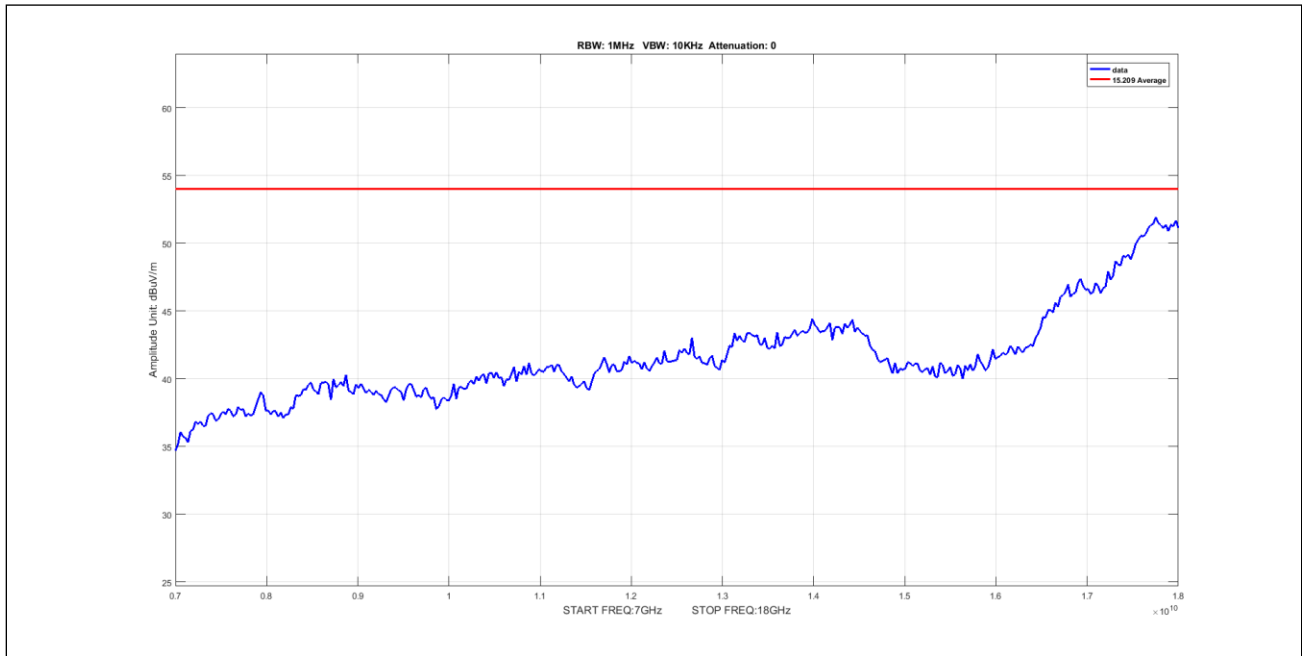
Plot 660. Undesirable Emissions, 2Panel, Average, 7-18GHz, 40M, 5329, pow-10



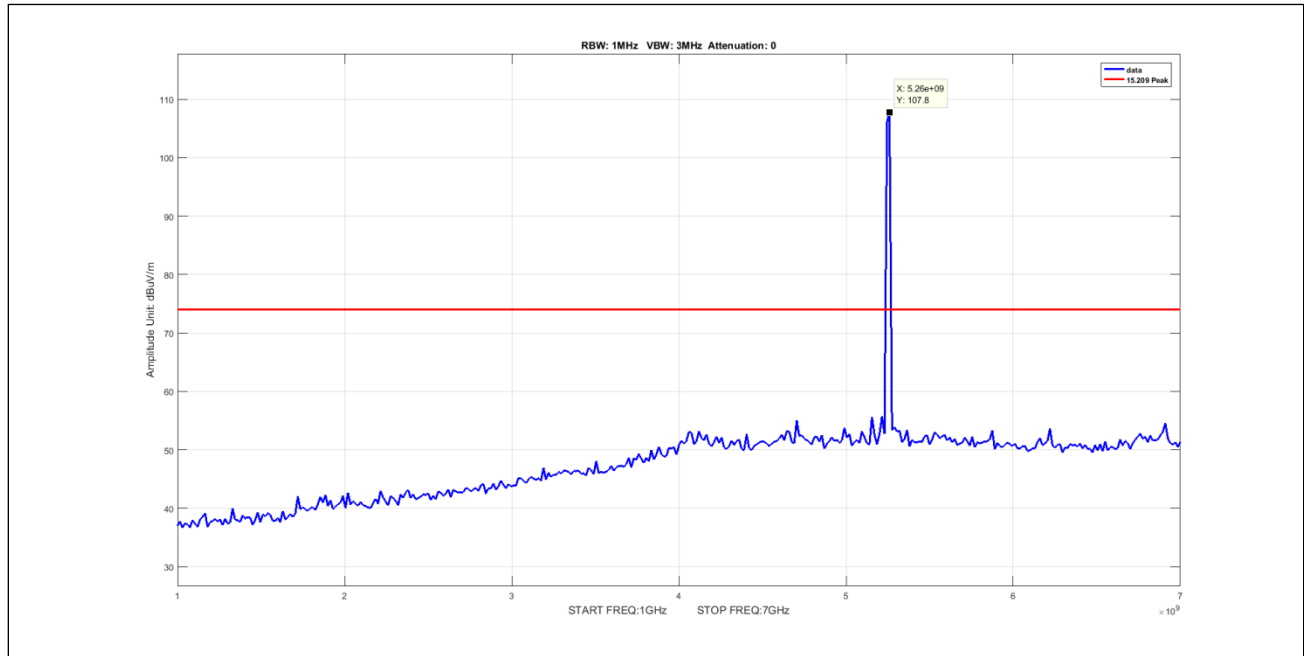
Plot 661. Undesirable Emissions, 2Panel, Average, 7-18GHz, 40M, 5490, pow-6



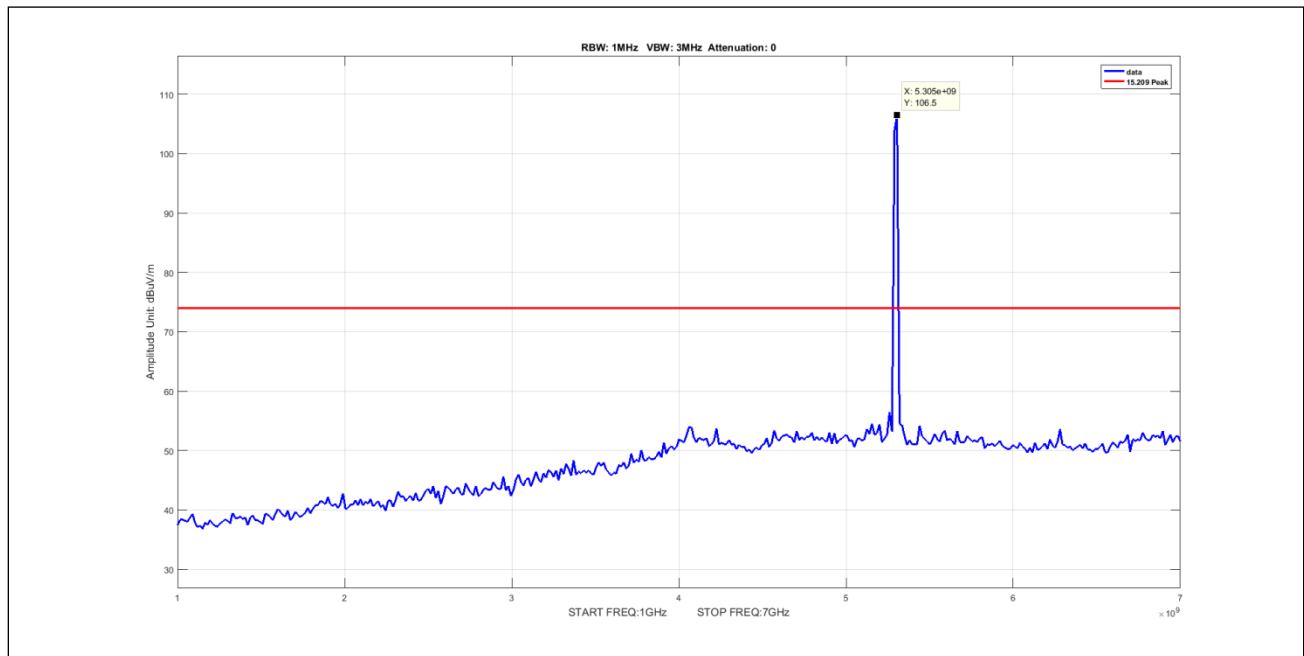
Plot 662. Undesirable Emissions, 2Panel, Average, 7-18GHz, 40M, 5595, pow-1



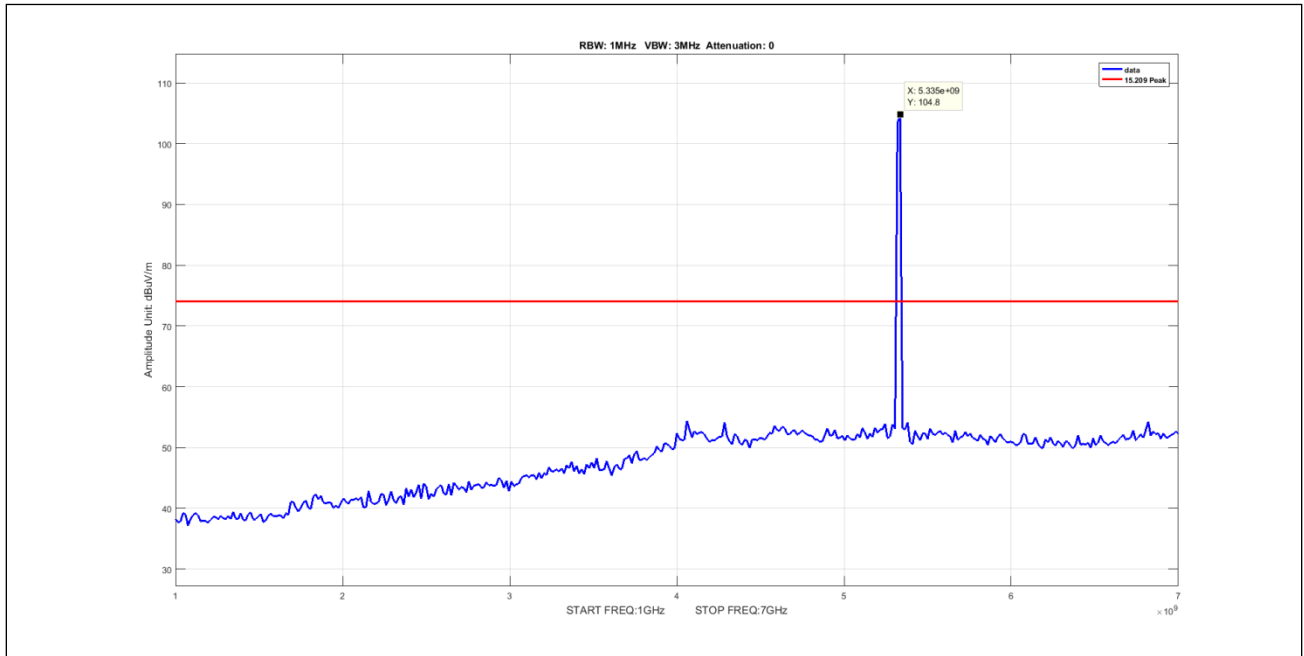
Plot 663. Undesirable Emissions, 2Panel, Average, 7-18GHz, 40M, 5700, pow-4



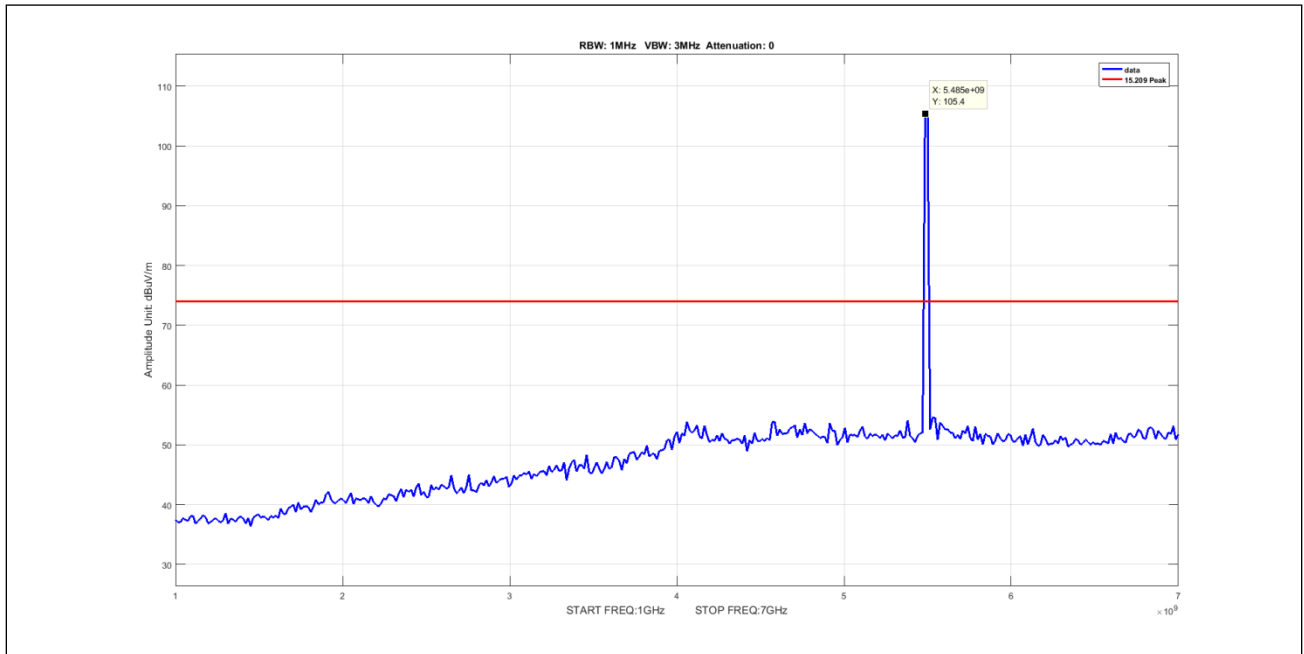
Plot 664. Undesirable Emissions, 2Panel, Peak, 1-7GHz, 10M, 5255, pow-9



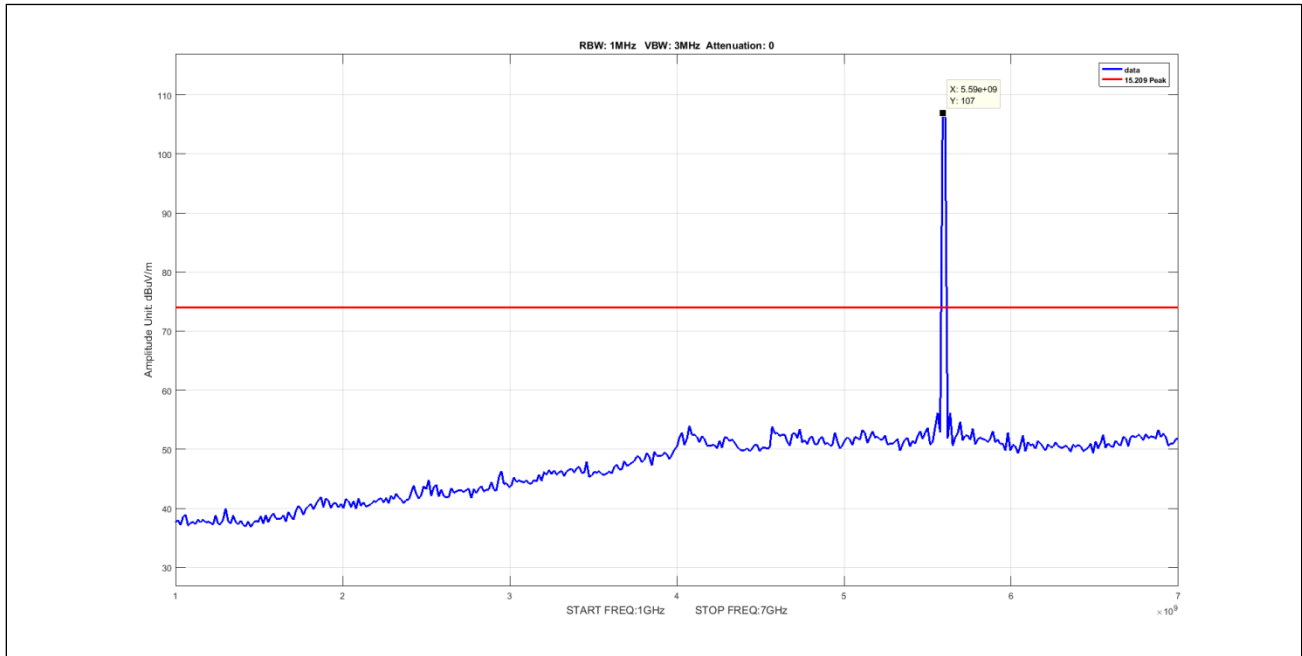
Plot 665. Undesirable Emissions, 2Panel, Peak, 1-7GHz, 10M, 5300, pow-9



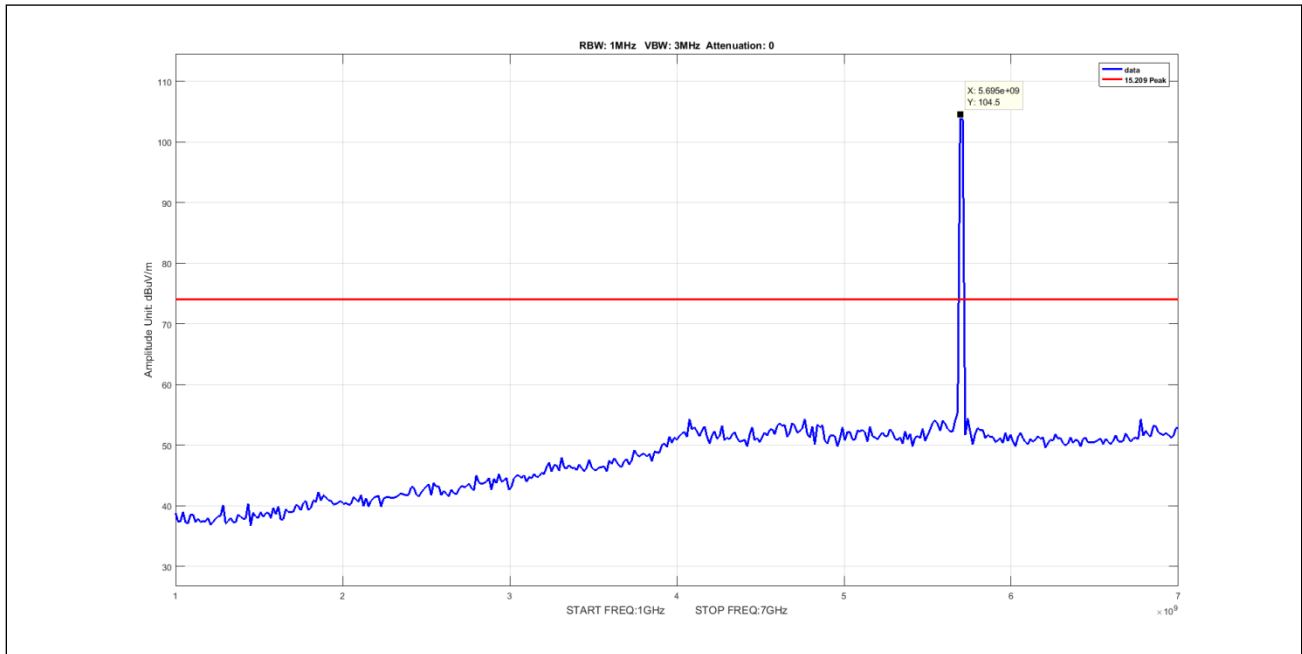
Plot 666. Undesirable Emissions, 2Panel, Peak, 1-7GHz, 10M, 5330, pow-9



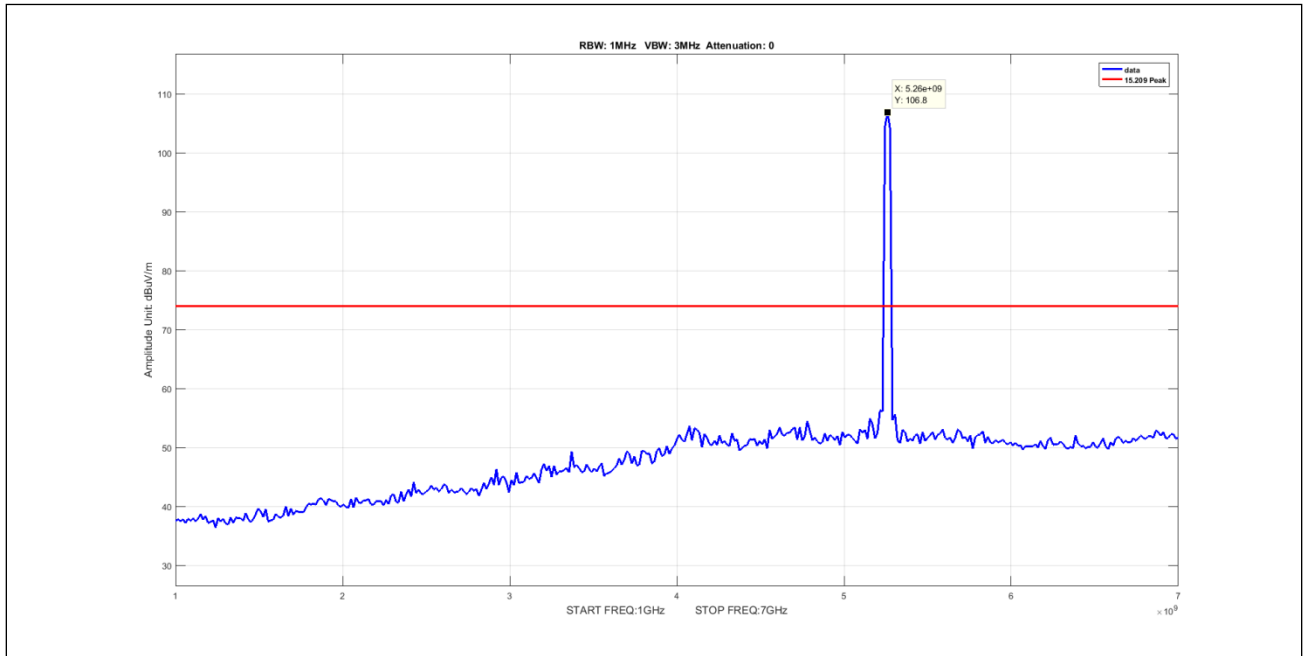
Plot 667. Undesirable Emissions, 2Panel, Peak, 1-7GHz, 10M, 5490, pow-8



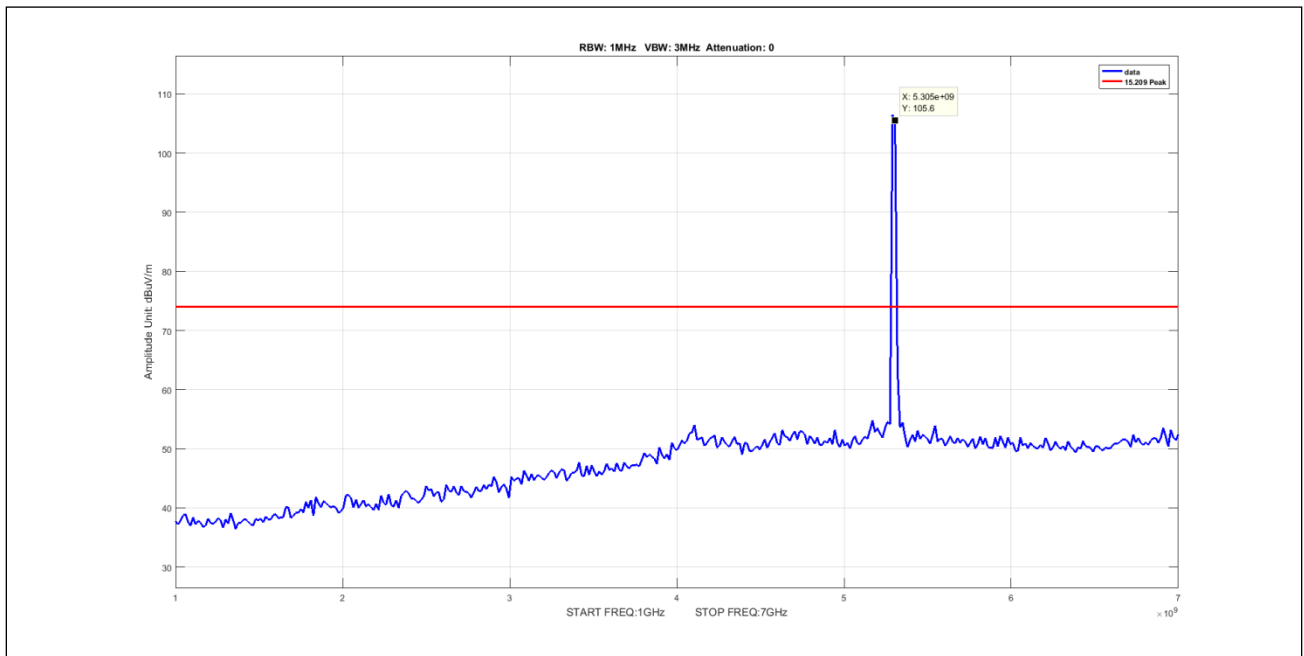
Plot 668. Undesirable Emissions, 2Panel, Peak, 1-7GHz, 10M, 5595, pow-9



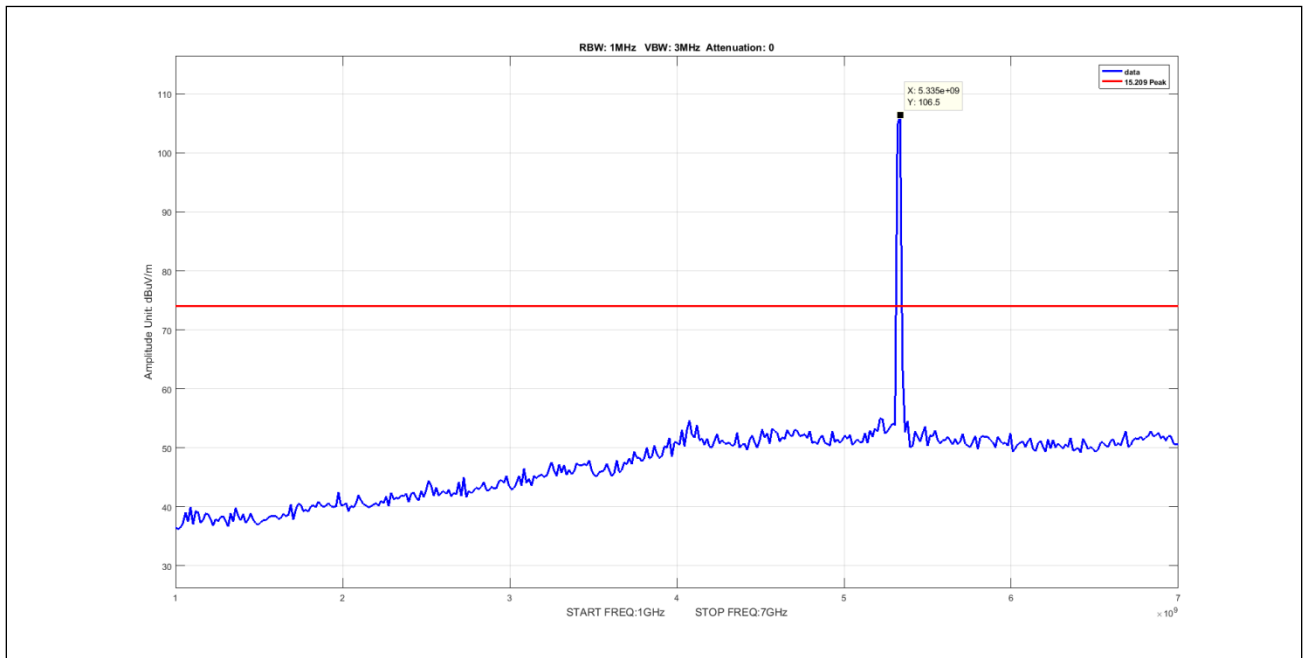
Plot 669. Undesirable Emissions, 2Panel, Peak, 1-7GHz, 10M, 5700, pow-10



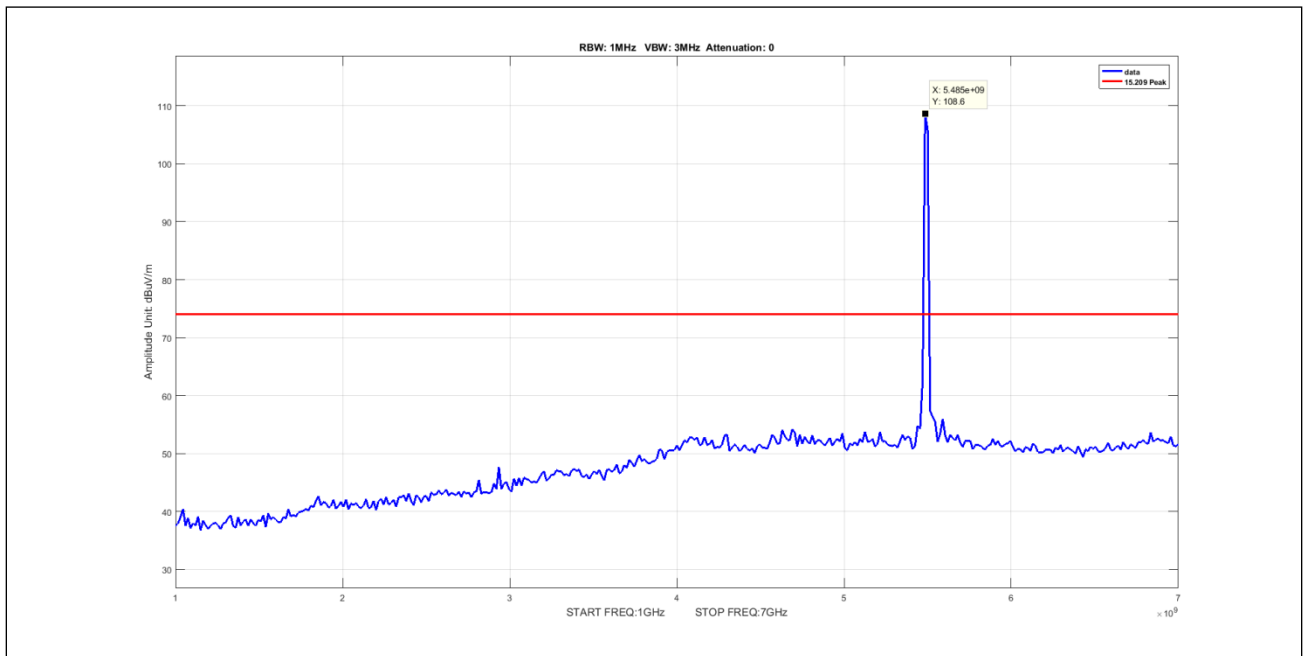
Plot 670. Undesirable Emissions, 2Panel, Peak, 1-7GHz, 20M, 5260, pow-6



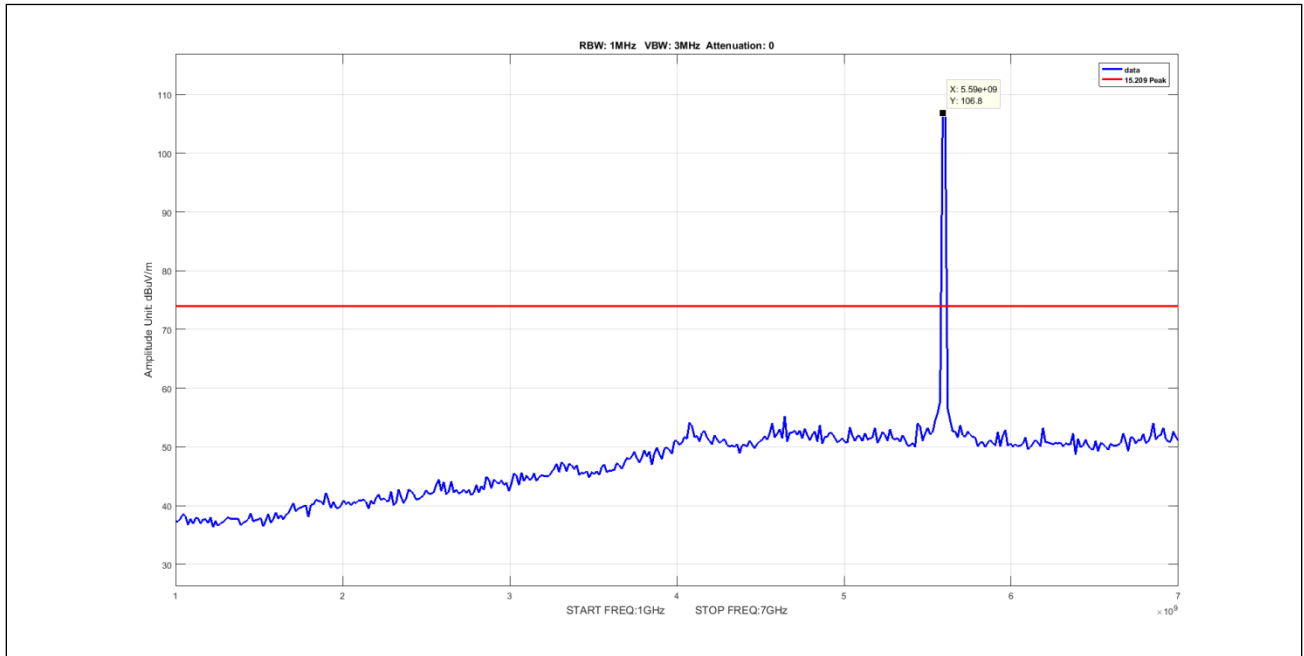
Plot 671. Undesirable Emissions, 2Panel, Peak, 1-7GHz, 20M, 5300, pow-6



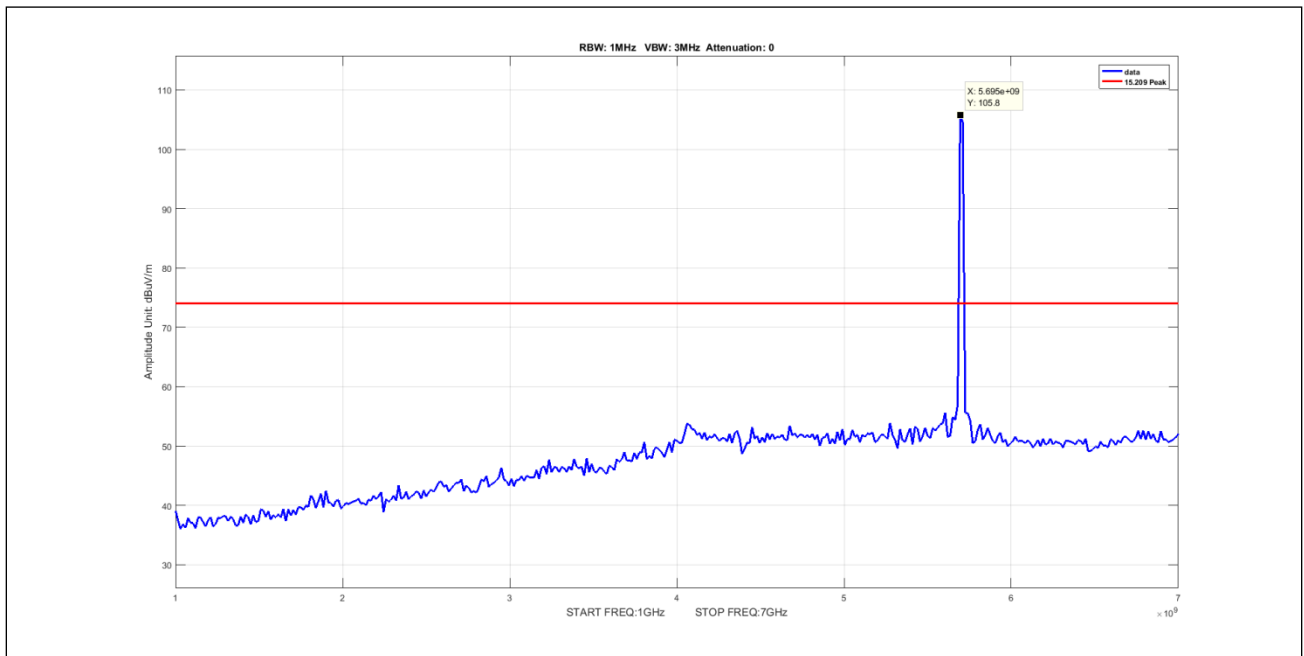
Plot 672. Undesirable Emissions, 2Panel, Peak, 1-7GHz, 20M, 5330, pow-6



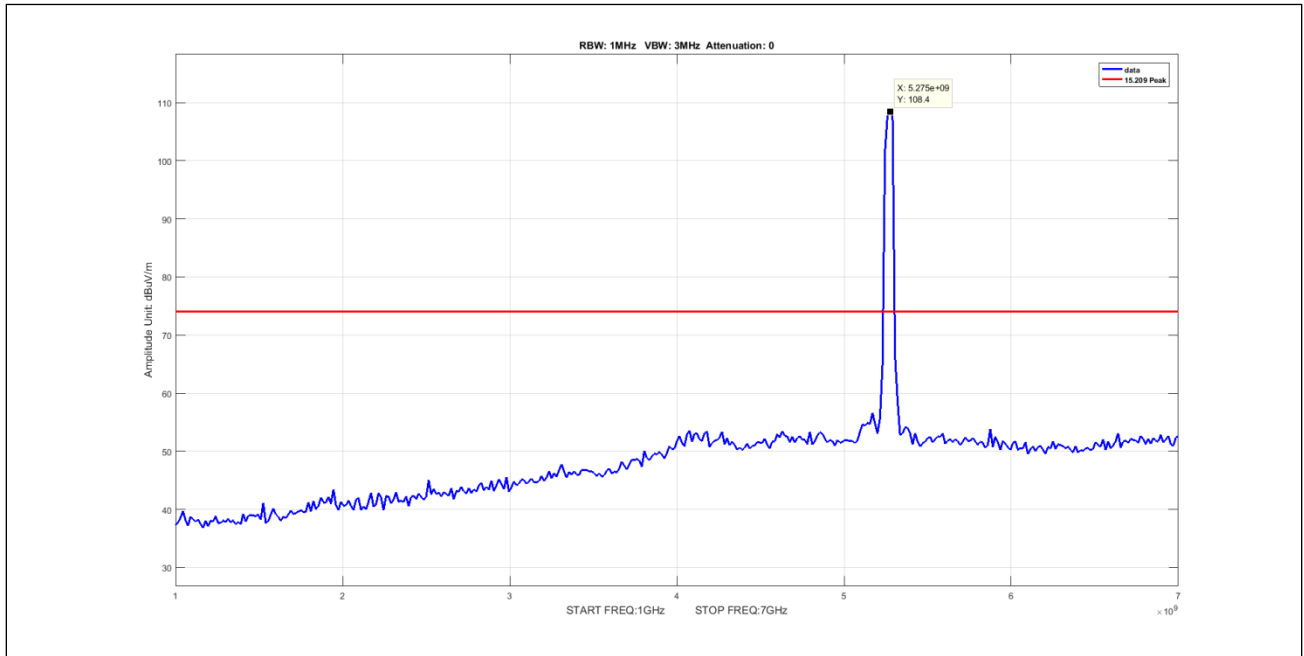
Plot 673. Undesirable Emissions, 2Panel, Peak, 1-7GHz, 20M, 5490, pow-5



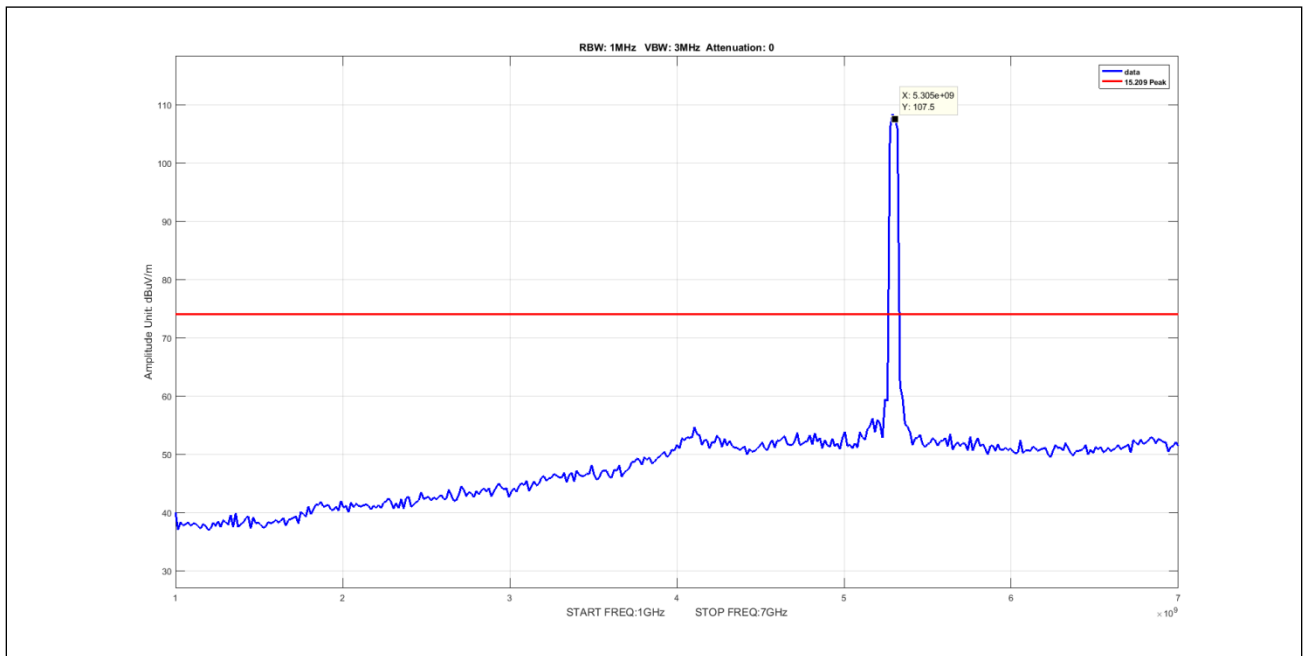
Plot 674. Undesirable Emissions, 2Panel, Peak, 1-7GHz, 20M, 5595, pow-6



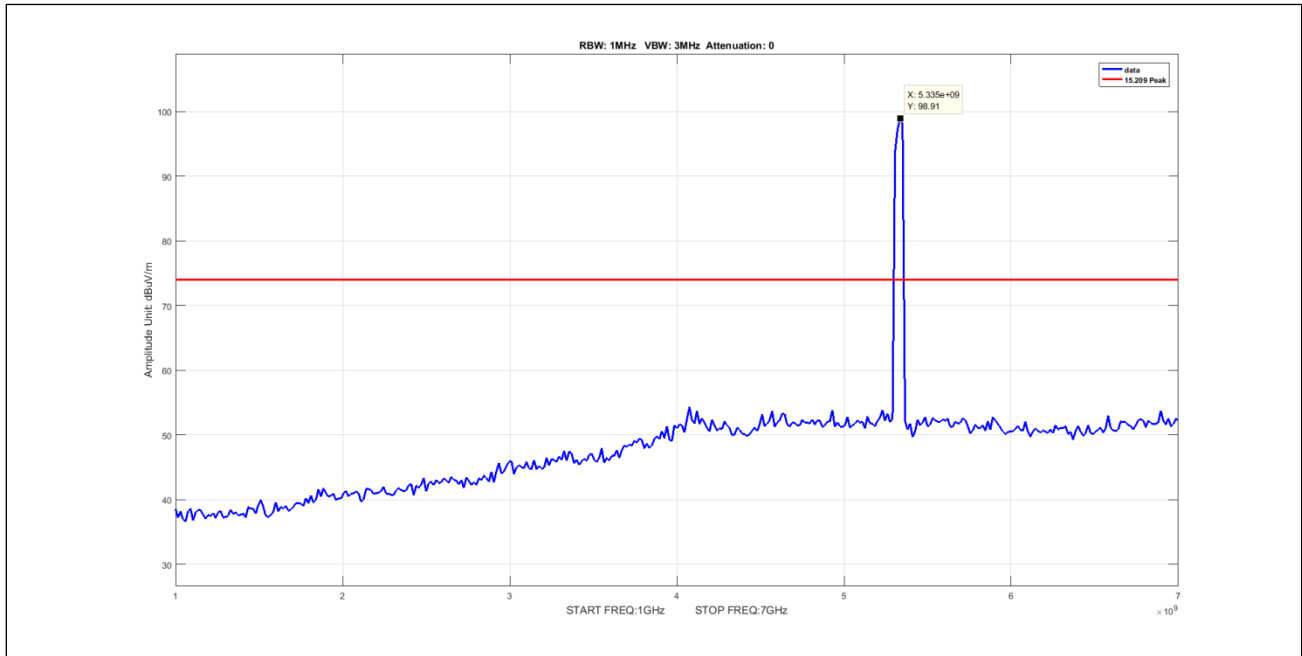
Plot 675. Undesirable Emissions, 2Panel, Peak, 1-7GHz, 20M, 5700, pow-7



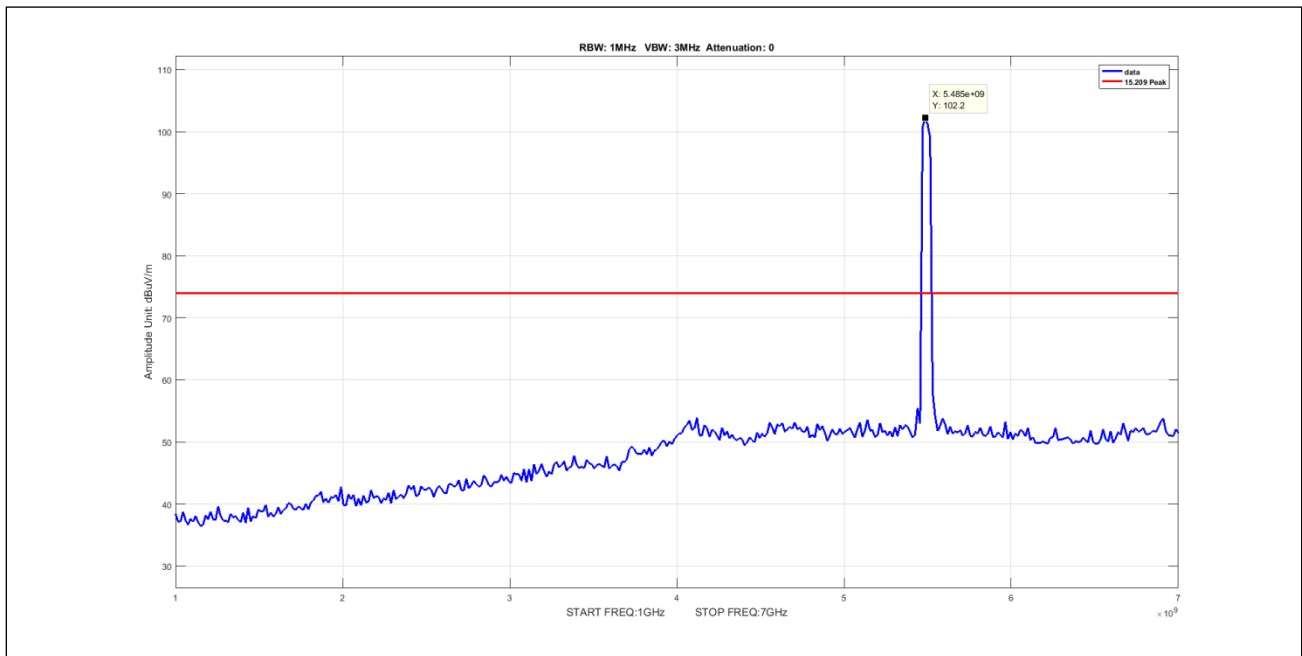
Plot 676. Undesirable Emissions, 2Panel, Peak, 1-7GHz, 40M, 5270, pow-1



Plot 677. Undesirable Emissions, 2Panel, Peak, 1-7GHz, 40M, 5300, pow-1



Plot 678. Undesirable Emissions, 2Panel, Peak, 1-7GHz, 40M, 5329, pow-10



Plot 679. Undesirable Emissions, 2Panel, Peak, 1-7GHz, 40M, 5490, pow-6