

Electromagnetic Compatibility Criteria for Intentional Radiators

§15.407(b)(4) & (6 – 7) Undesirable Emissions

Test Requirements: § 15.407(b)(4): For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions 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.

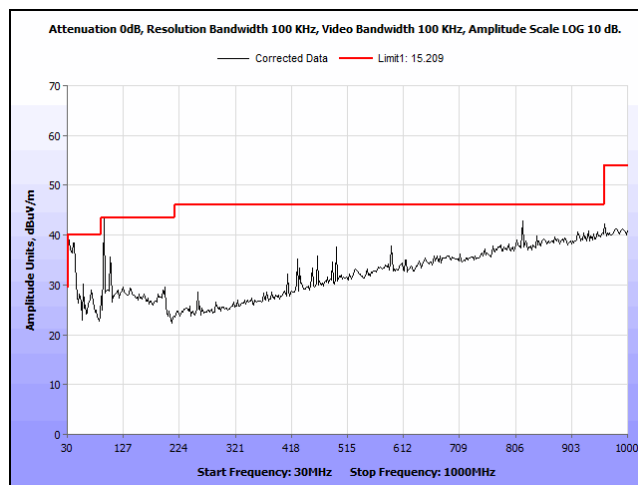
Test Results: For below 1 GHz, the EUT was compliant with the requirements of this section. The worst case configuration is used to show compliance with the requirements.

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

Above 18GHz, only noise floor was seen.

Test Engineer(s): Donald Salguero

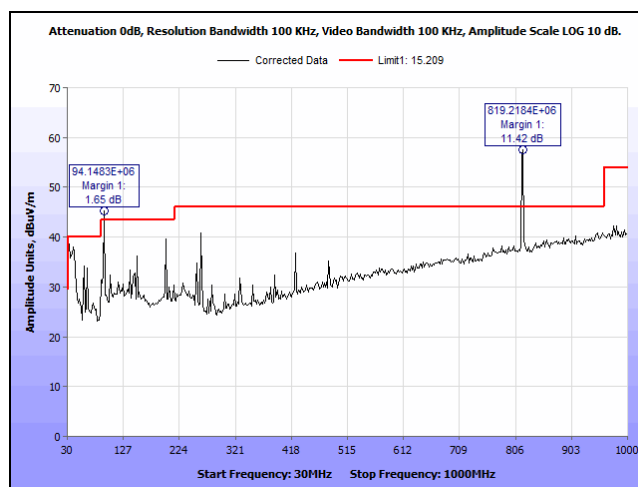
Test Date(s): August 30, 2017



Plot 406. Undesirable Emissions, 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

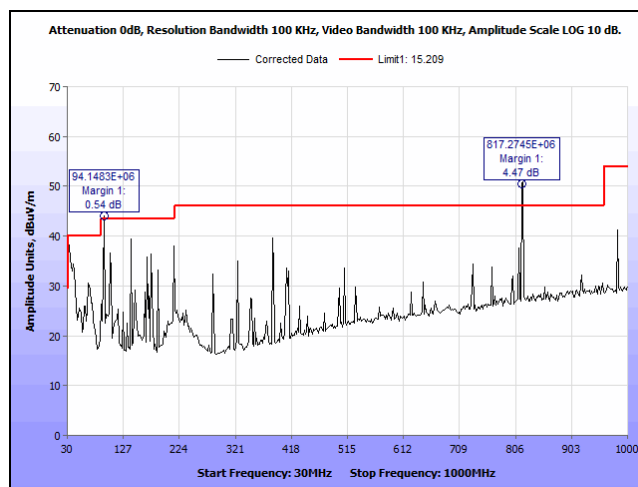
Table 15. Radiated Emissions bellows 1GHz, 13dBi, worst case, Quasi-Peak measurements, points of interest.



Plot 407. Undesirable Emissions, 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 16. Radiated Emissions bellows 1GHz, 22dBi, worst case, Quasi-Peak measurements, points of interest.

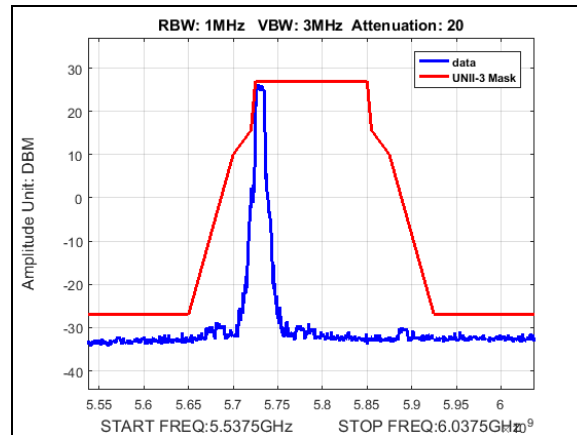


Plot 408. Undesirable Emissions, Radiated Emissions below 1GHz, 34dBi, worst case

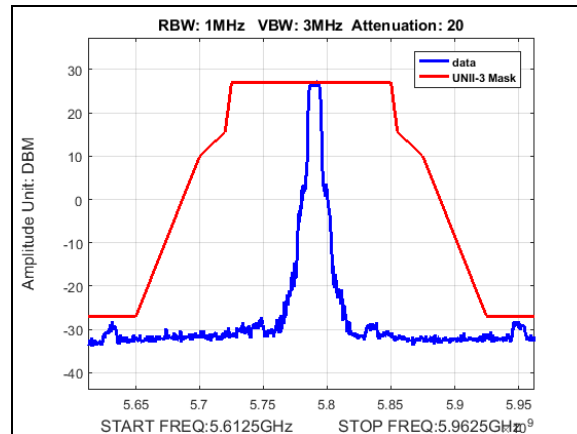
Frequency (MHz)	EUT Azimuth (Degrees)	Antenna Polarity (H/V)	Antenna HEIGHT (m)	Uncorrected Amplitude (dBuV)	Antenna Correction Factor (dB) (+)	Cable Loss (dB) (+)	Distance Correction Factor (dB) (-)	Corrected Amplitude (dBuV/m)	Limit (dBuV/m)	Margin (dB)
94.1483	348	H	1.7826	17.1	9.14	1.52	0	27.76	43.5	-15.74
94.1483	348	V	1.6465	17.3	9.14	1.52	0	27.96	43.5	-15.54
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

Table 17. Radiated Emissions bellows 1GHz, 34dBi, worst case, Quasi-Peak measurements, points of interest.

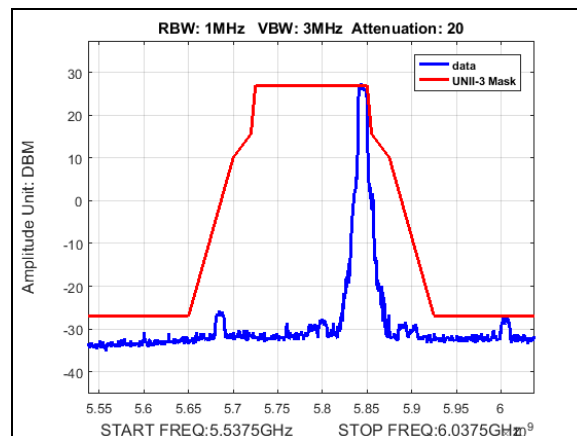
Undesirable Emissions, Fixed Point-to-Point, Emission Mask



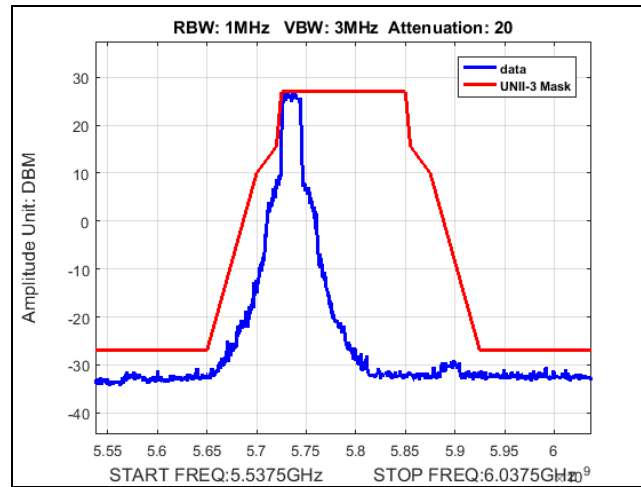
Plot 409. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 10M, 5730



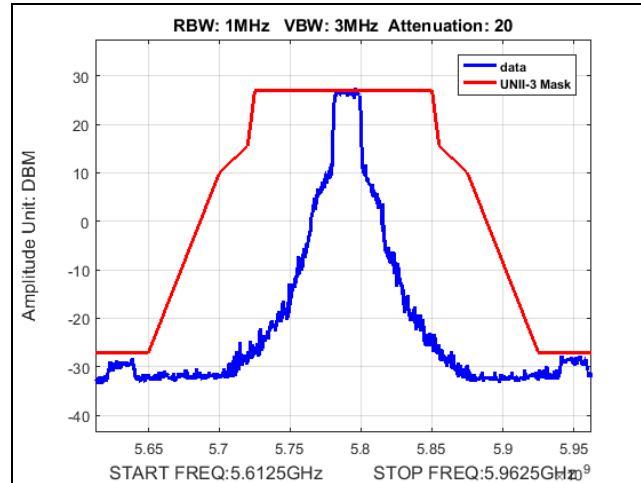
Plot 410. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 10M, 5790



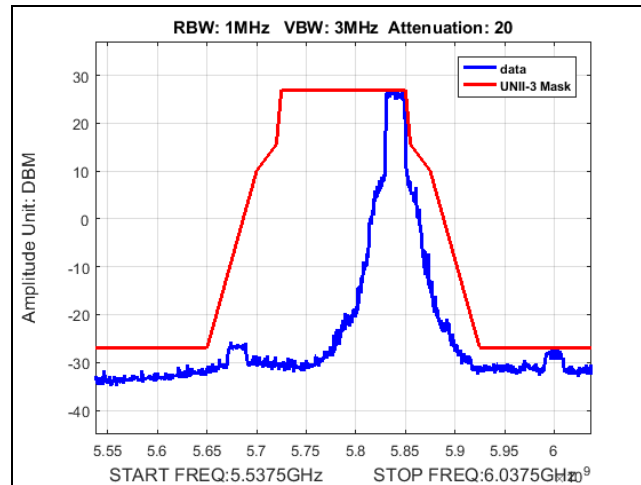
Plot 411. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 10M, 5845



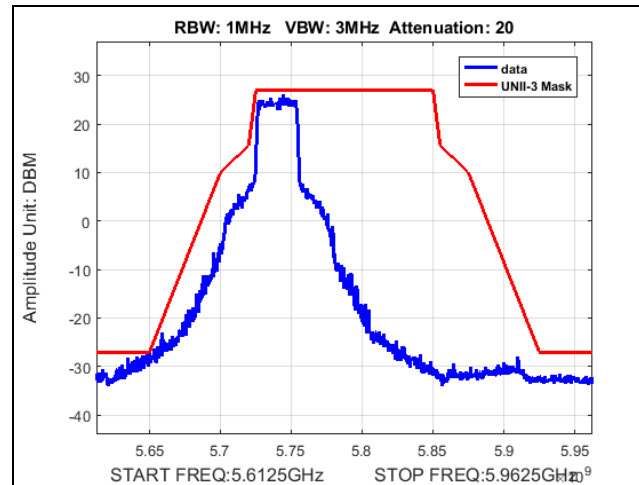
Plot 412. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 20M, 5735



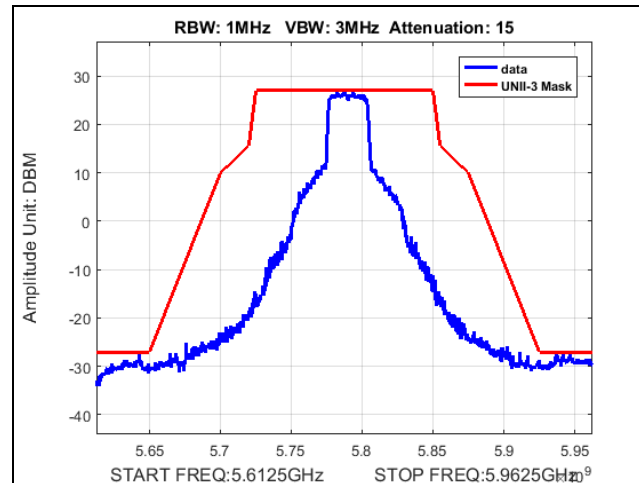
Plot 413. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 20M, 5790



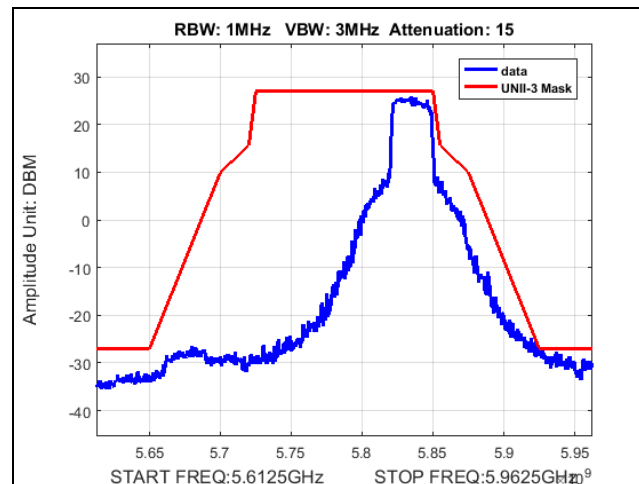
Plot 414. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 20M, 5840



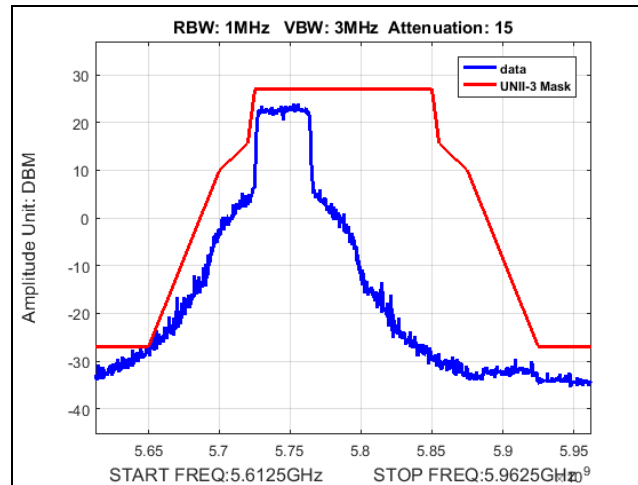
Plot 415. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 30M, 5740



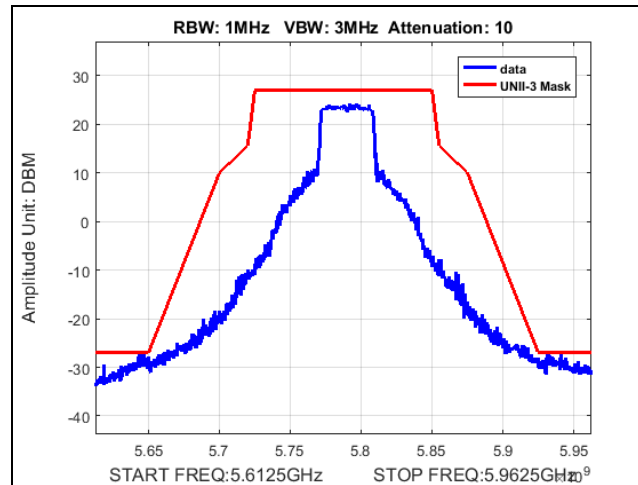
Plot 416. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 30M, 5790



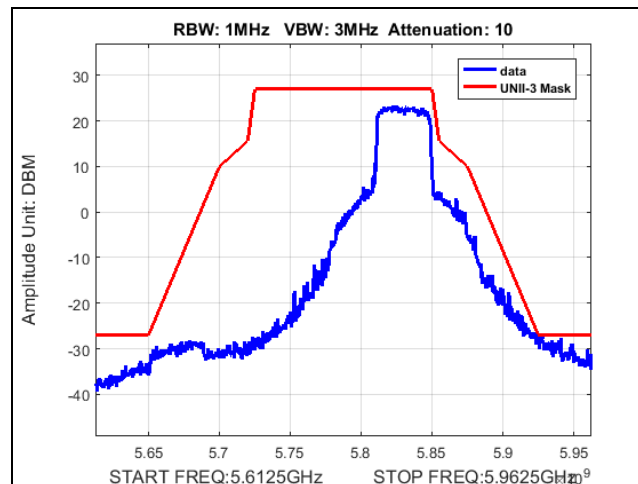
Plot 417. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 30M, 5835



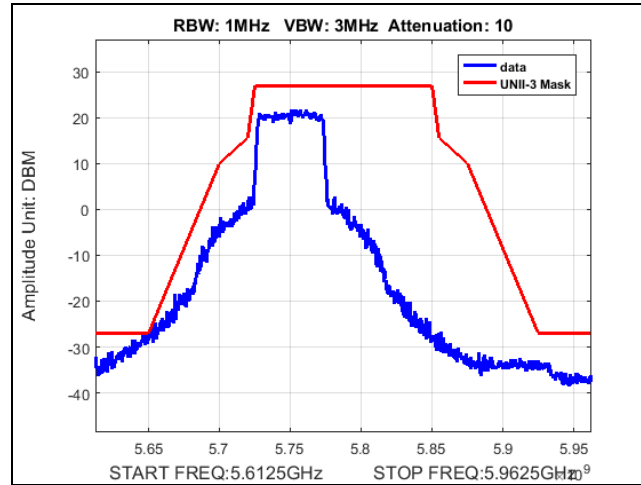
Plot 418. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 40M, 5745



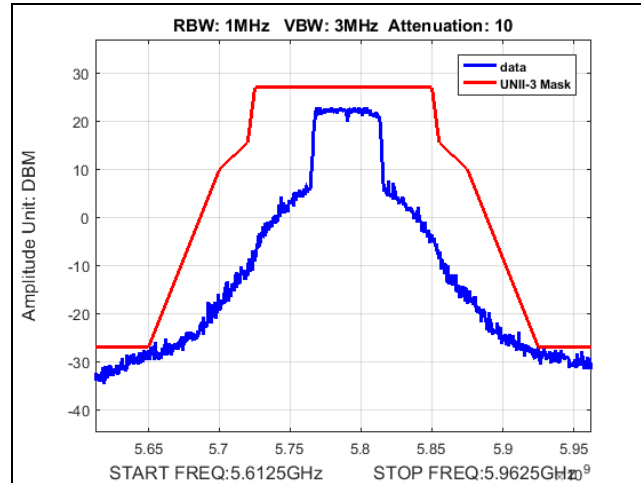
Plot 419. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 40M, 5790



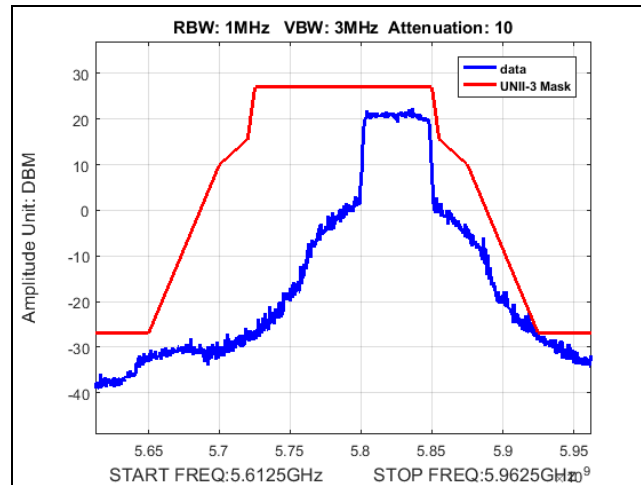
Plot 420. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 40M, 5830



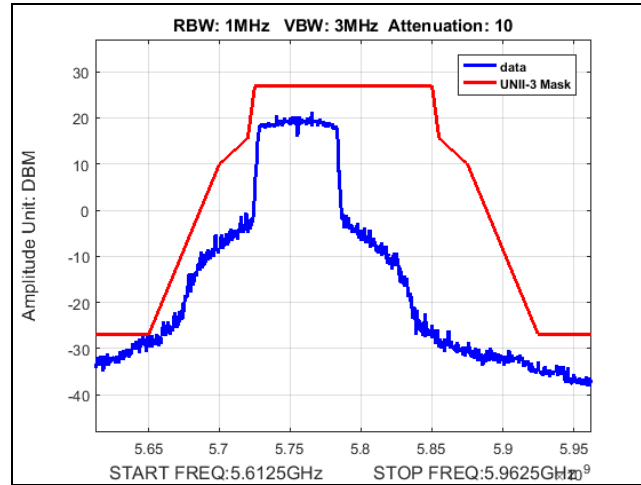
Plot 421. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 50M, 5750



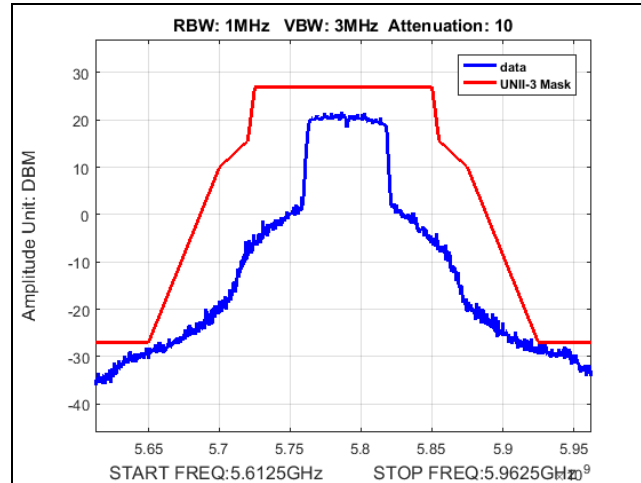
Plot 422. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 50M, 5790



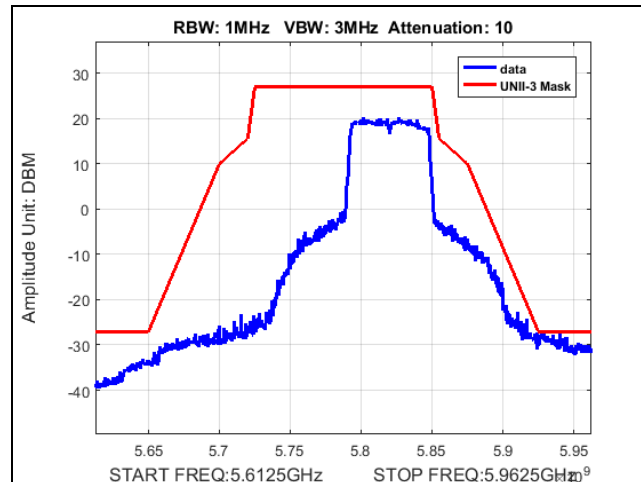
Plot 423. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 50M, 5825



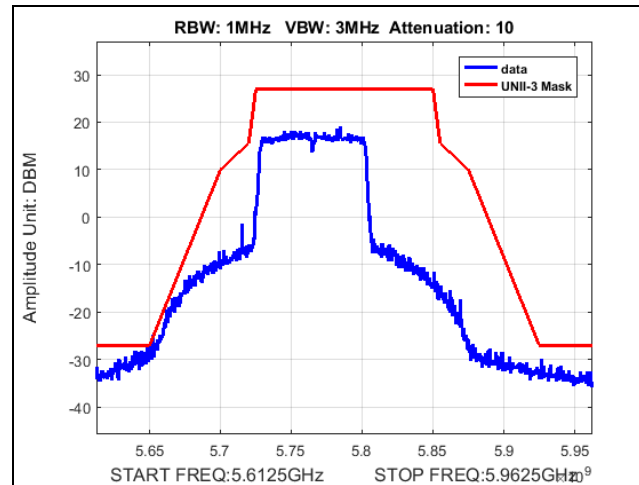
Plot 424. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 60M, 5755



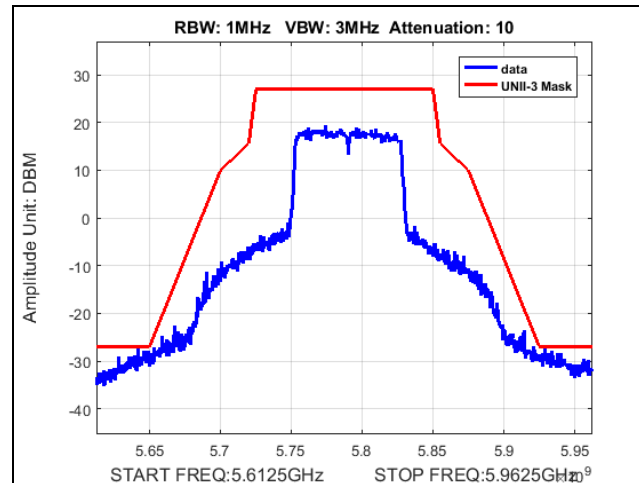
Plot 425. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 60M, 5790



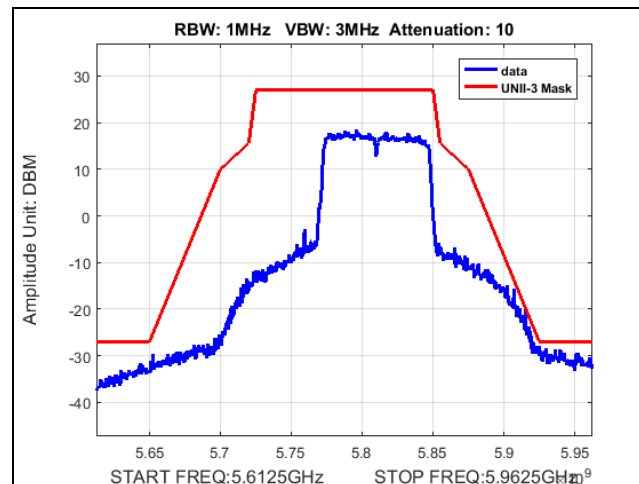
Plot 426. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 60M, 5820



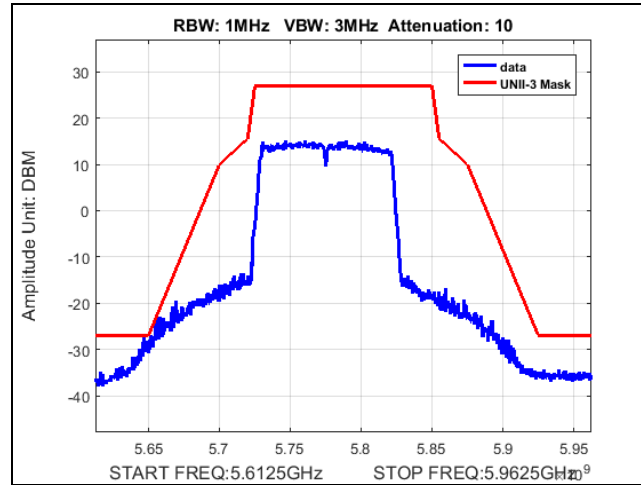
Plot 427. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 80M, 5765



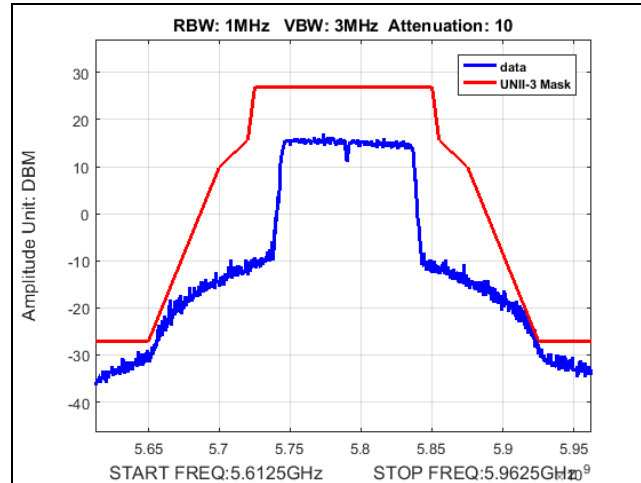
Plot 428. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 80M, 5790



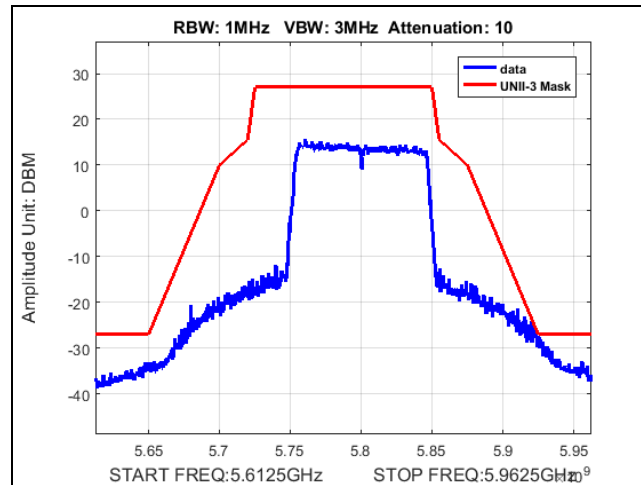
Plot 429. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 80M, 5810



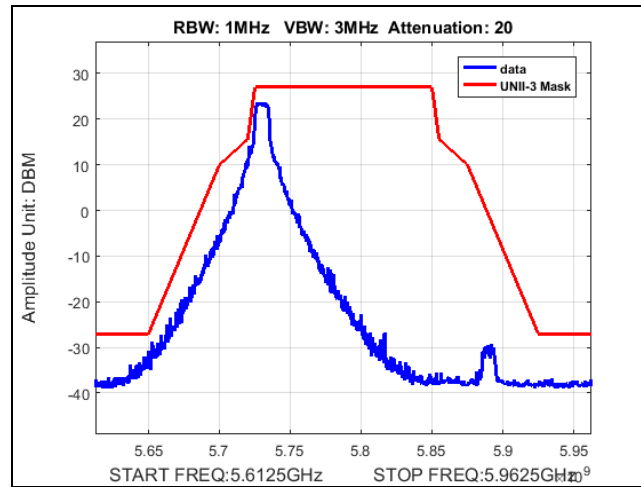
Plot 430. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 100M, 5775



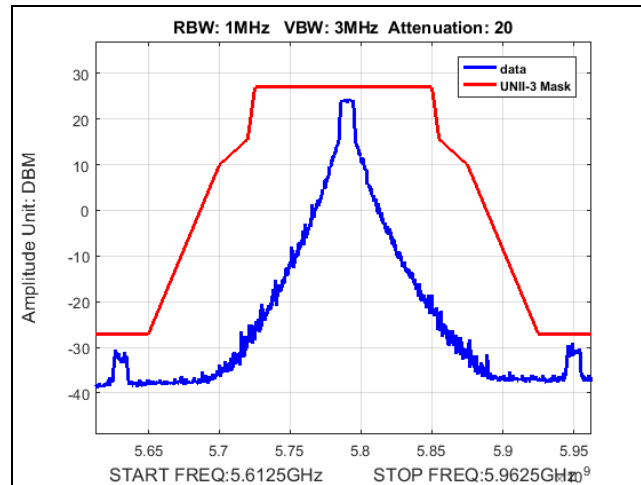
Plot 431. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 100M, 5790



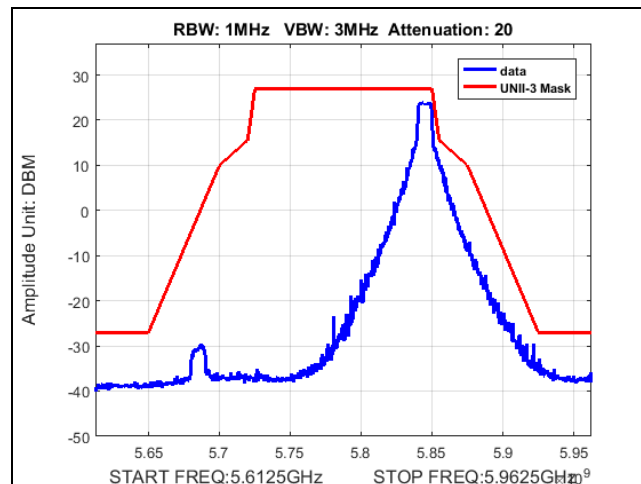
Plot 432. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 34dBi, 100M, 5800



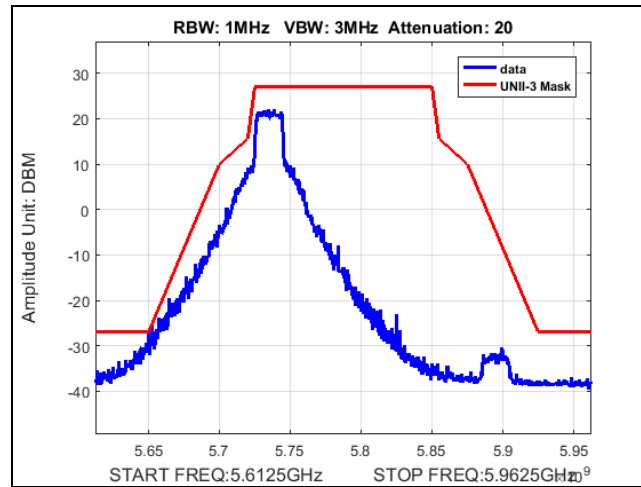
Plot 433. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 10M, 5730



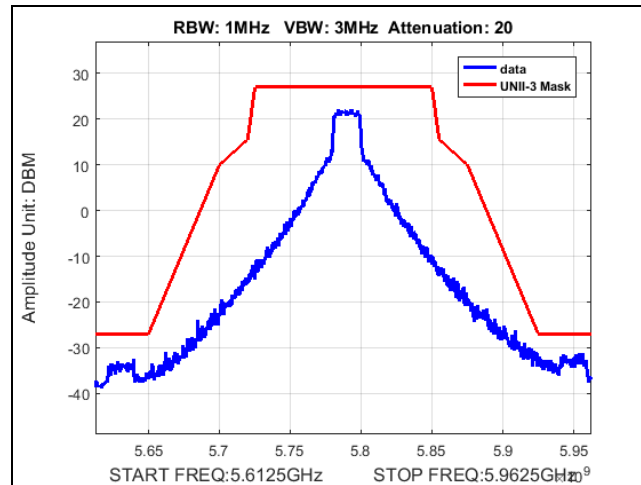
Plot 434. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 10M, 5790



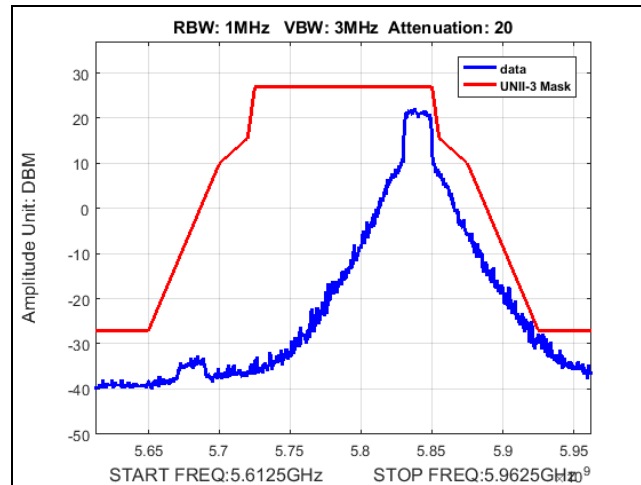
Plot 435. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 10M, 5845



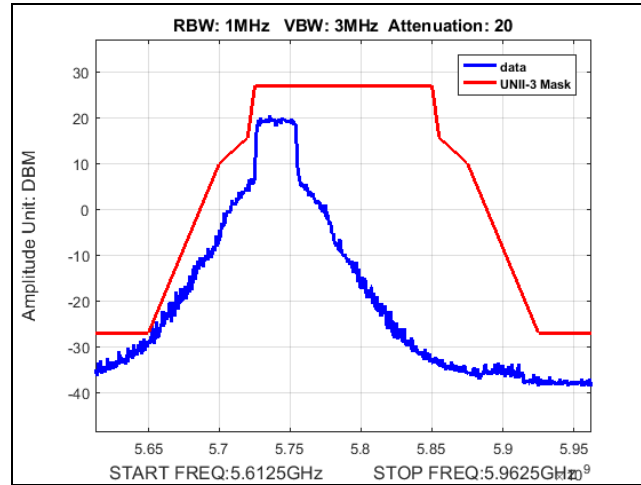
Plot 436. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 20M, 5735



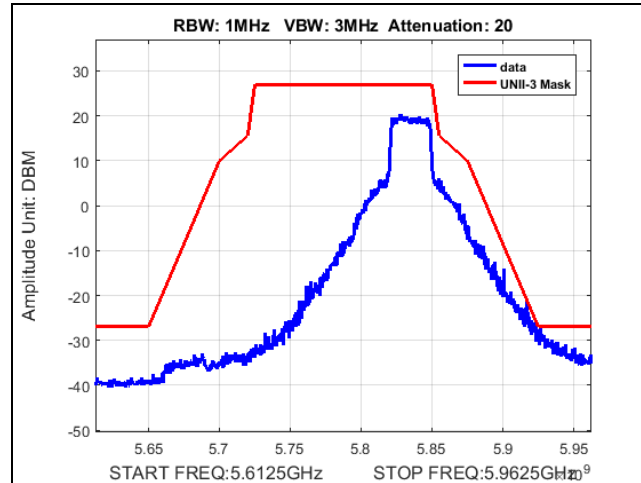
Plot 437. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 20M, 5790



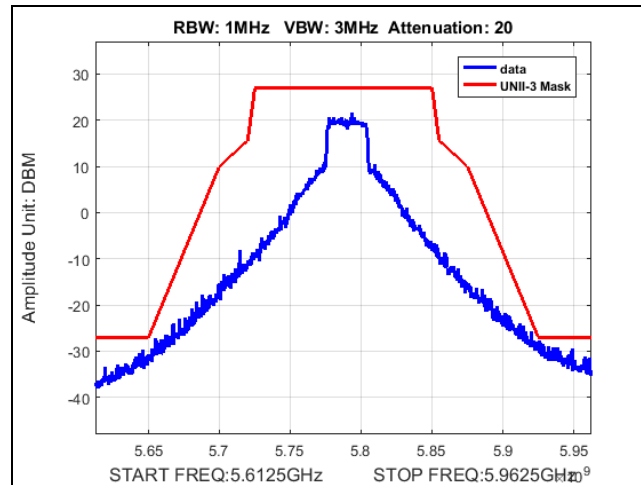
Plot 438. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 20M, 5840



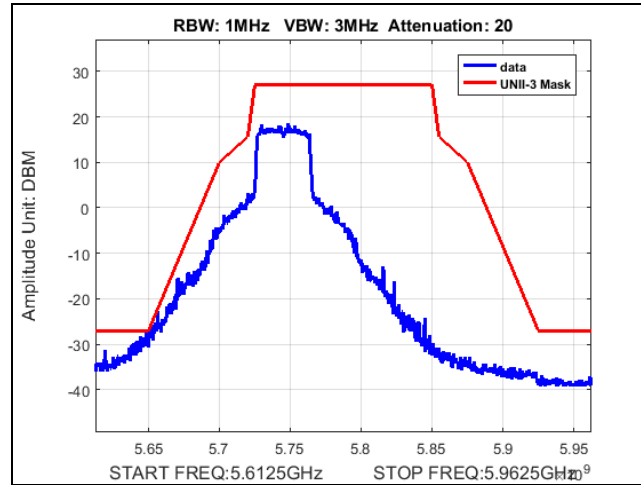
Plot 439. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 30M, 5740



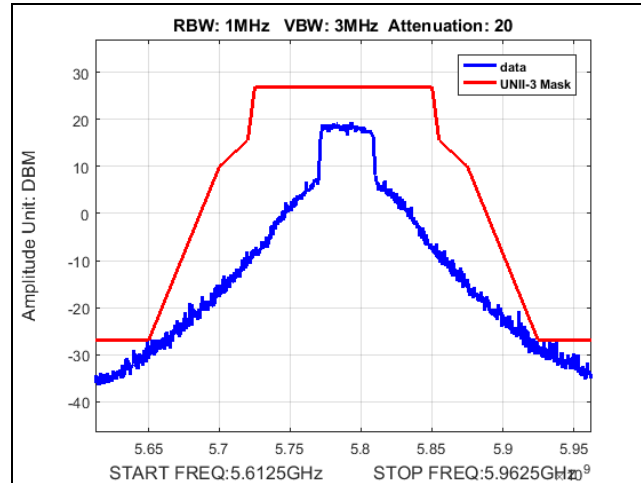
Plot 440. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 30M, 5835



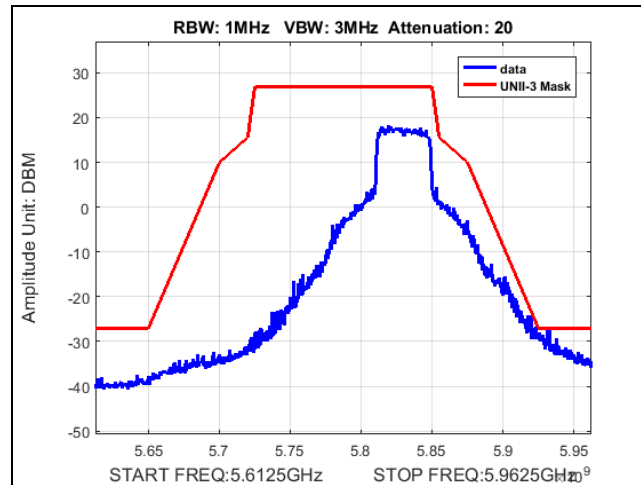
Plot 441. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 30M, 5840



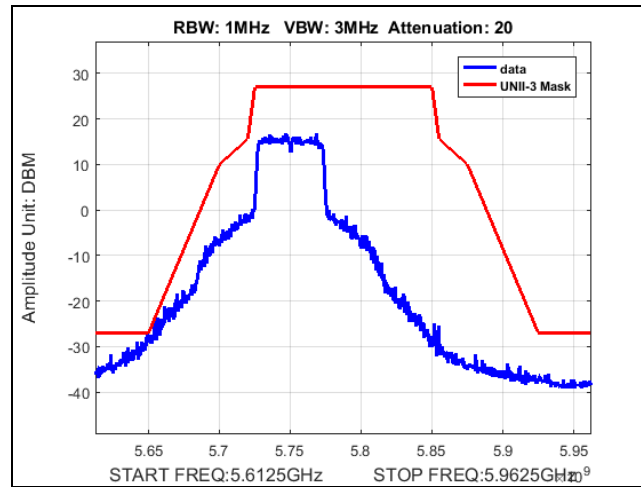
Plot 442. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 40M, 5745



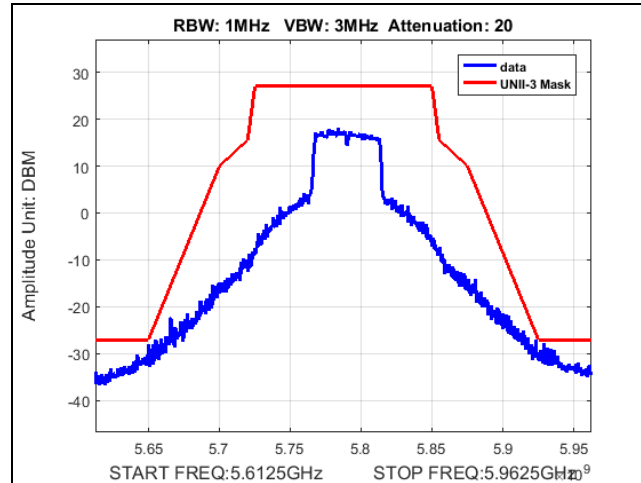
Plot 443. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 40M, 5790



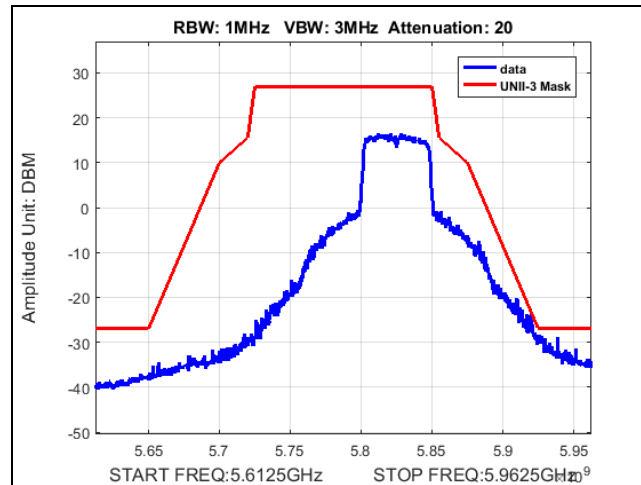
Plot 444. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 40M, 5830



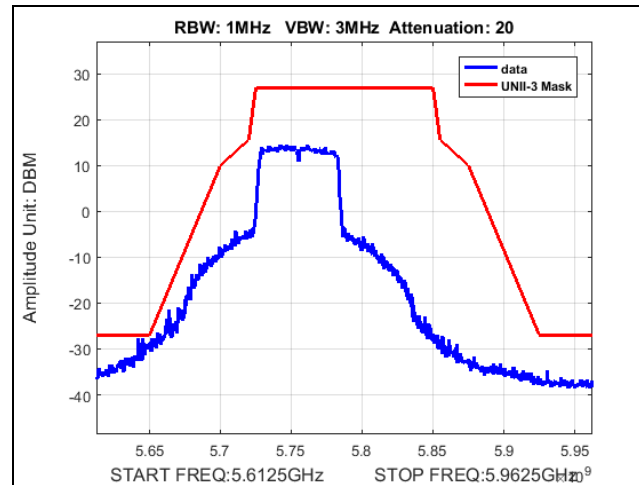
Plot 445. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 50M, 5750



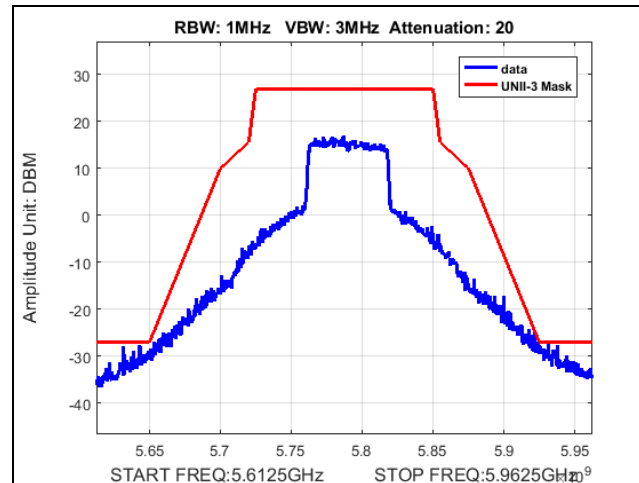
Plot 446. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 50M, 5790



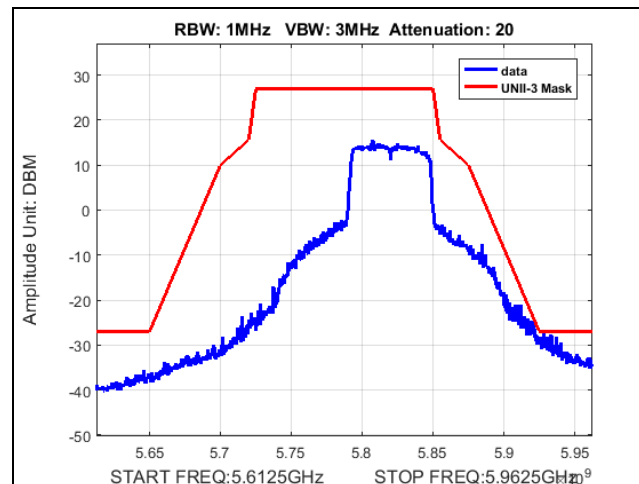
Plot 447. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 50M, 5825



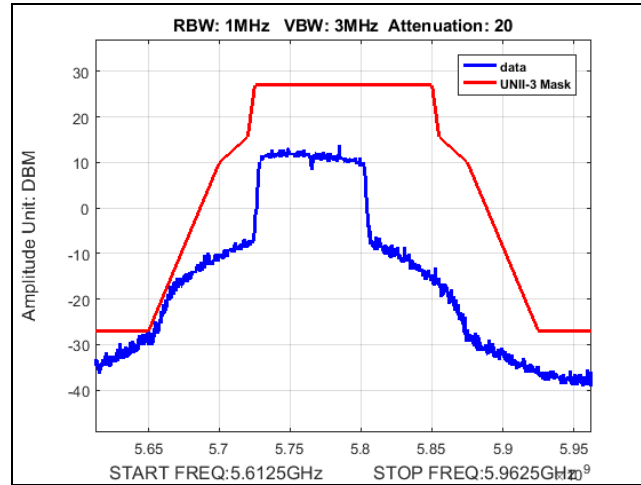
Plot 448. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 60M, 5755



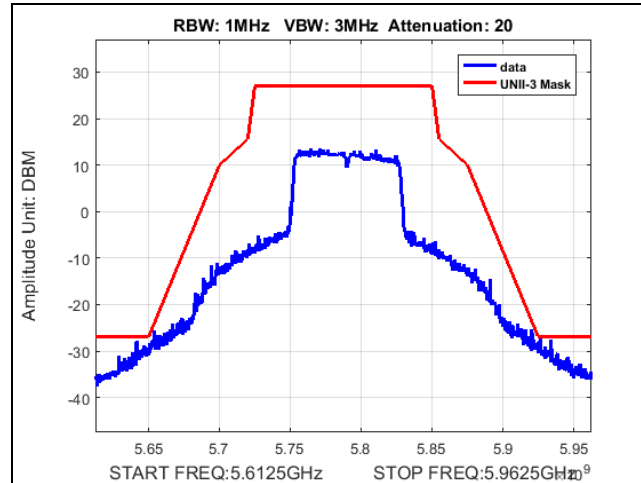
Plot 449. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 60M, 5790



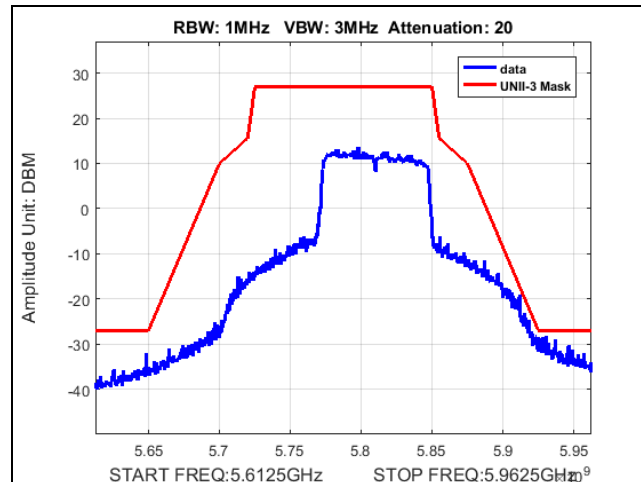
Plot 450. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 60M, 5820



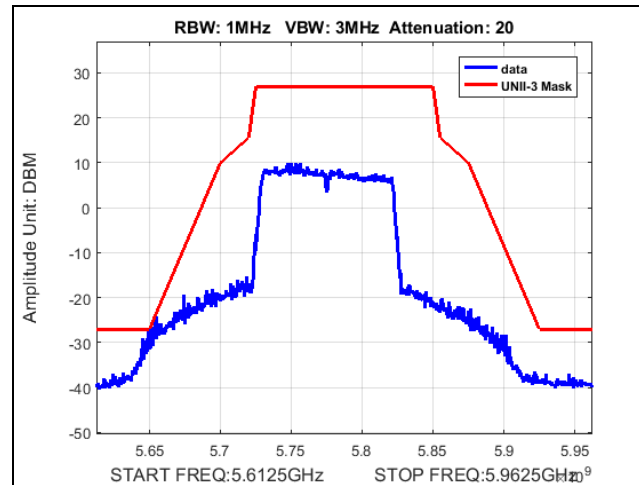
Plot 451. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 80M, 5765



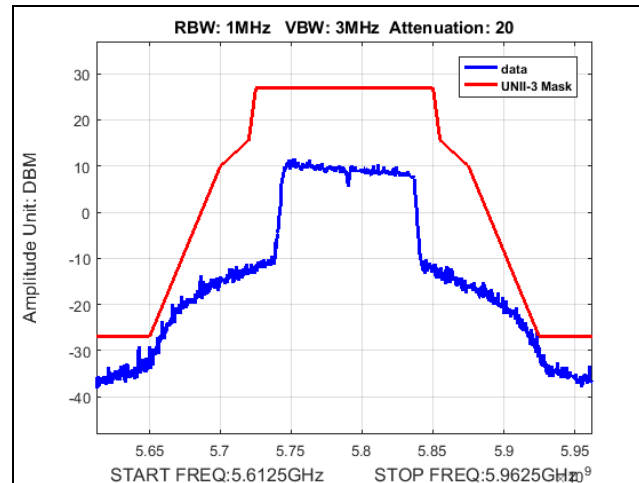
Plot 452. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 80M, 5790



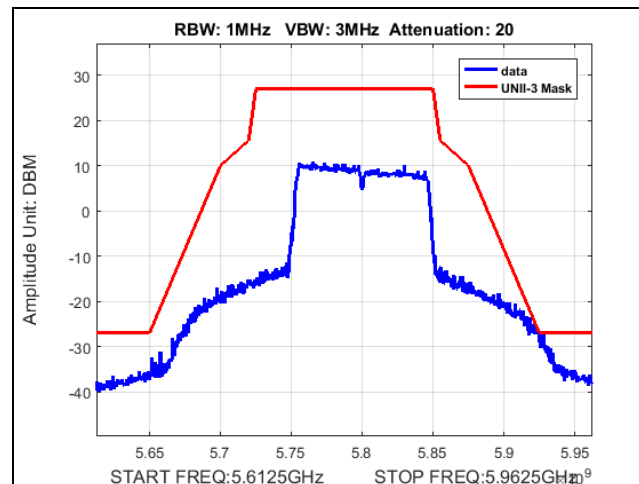
Plot 453. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 80M, 5810



Plot 454. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 100M, 5775

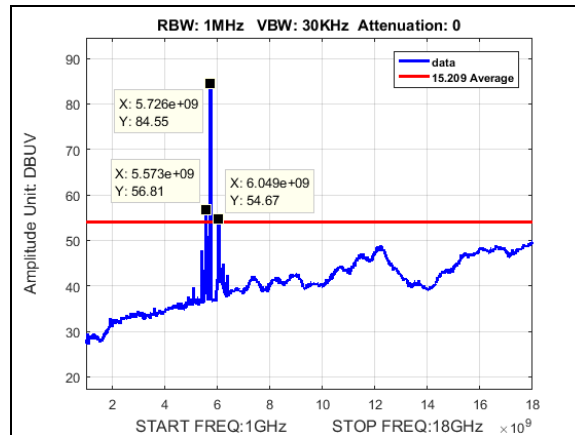


Plot 455. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 100M, 5790

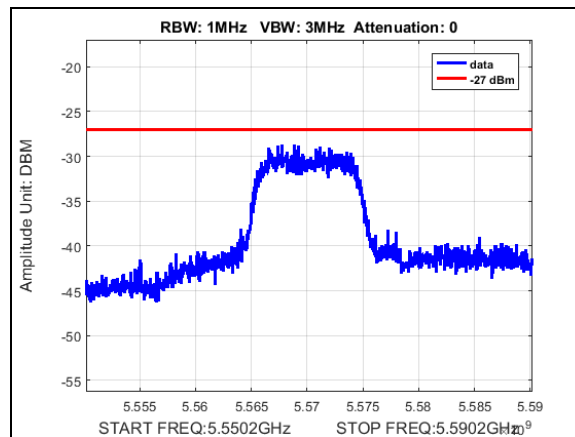


Plot 456. Undesirable Emissions, Fixed Point-to-Point, UNII-3, emission mask, 22dBi, 100M, 5800

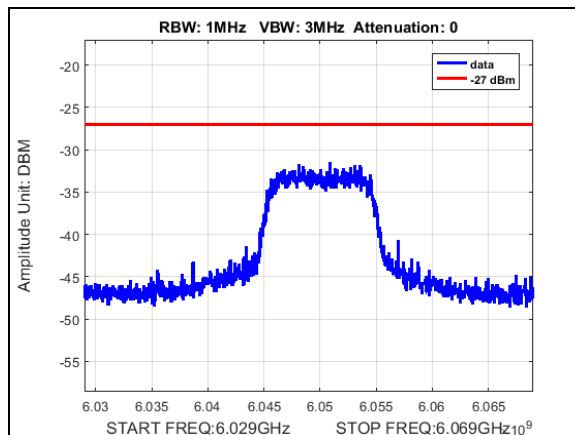
Undesirable Emissions, Fixed Point-to-Point, 22 dBi



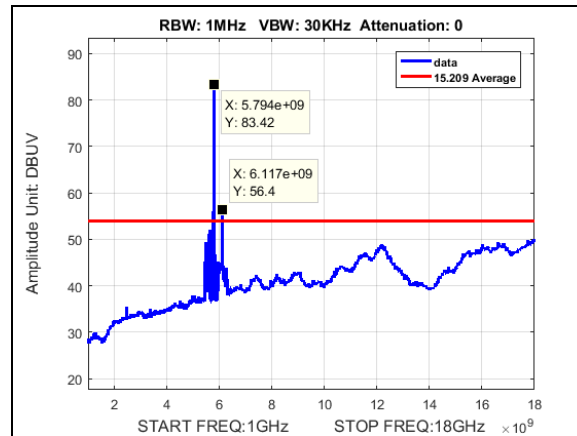
Plot 457. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 10M, 5730, 1-18GHz



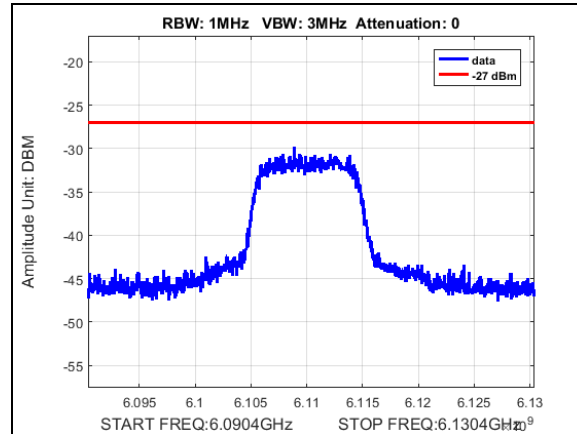
Plot 458. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 10M, 5730, -27dBm zoomed in 5.57GHz spur



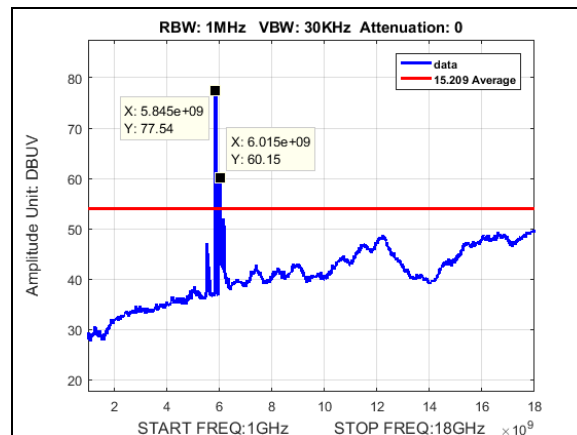
Plot 459. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 10M, 5730, -27dBm zoomed in 6GHz spur



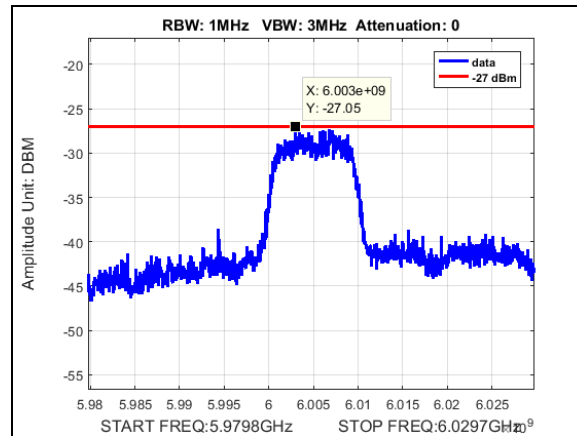
Plot 460. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 10M, 5790, 1-18GHz



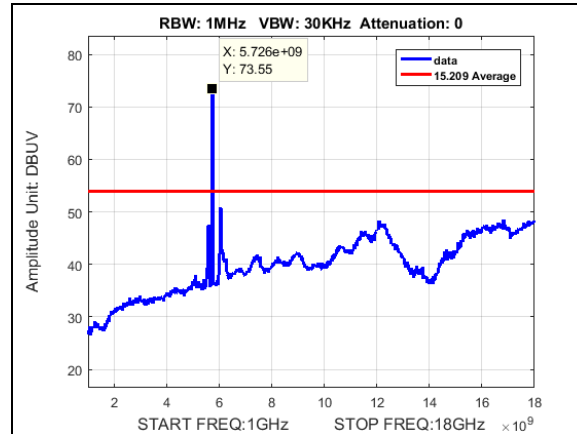
Plot 461. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 10M, 5790, -27dBm zoomed in 6GHz spur



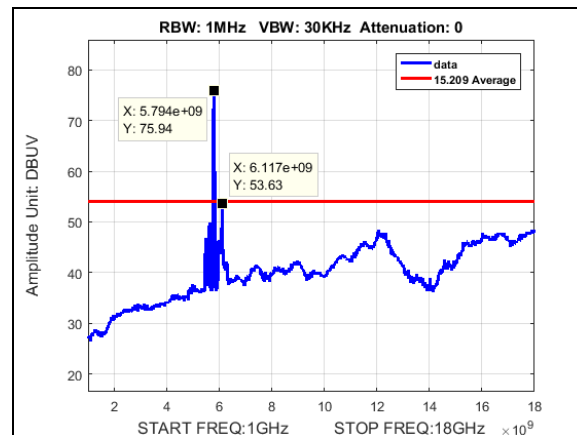
Plot 462. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 10M, 5845, 1-18GHz



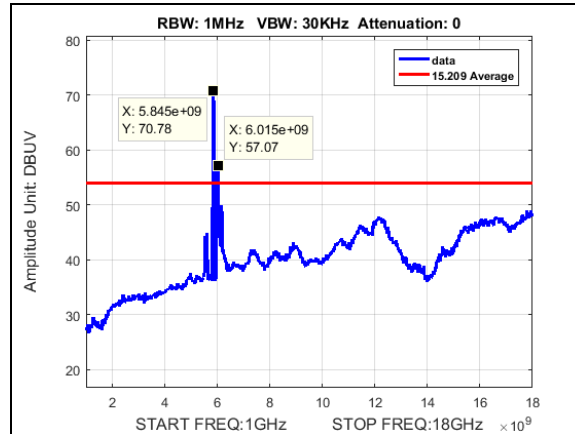
Plot 463. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 10M, 5845, -27dBm zoomed in 6GHz spur



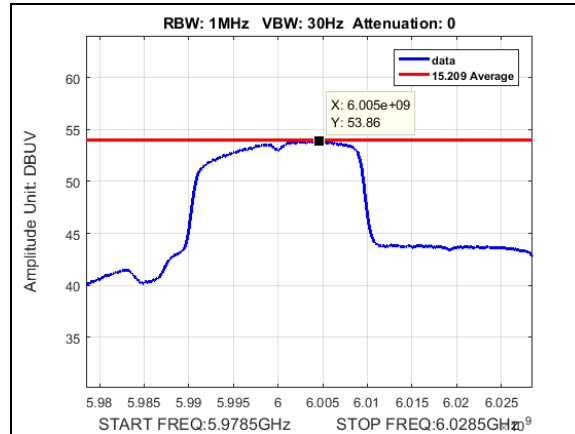
Plot 464. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 20M, 5735, 1-18GHz



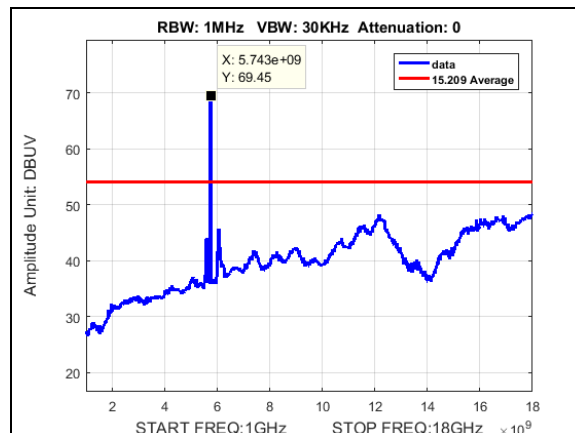
Plot 465. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 20M, 5790, 1-18GHz



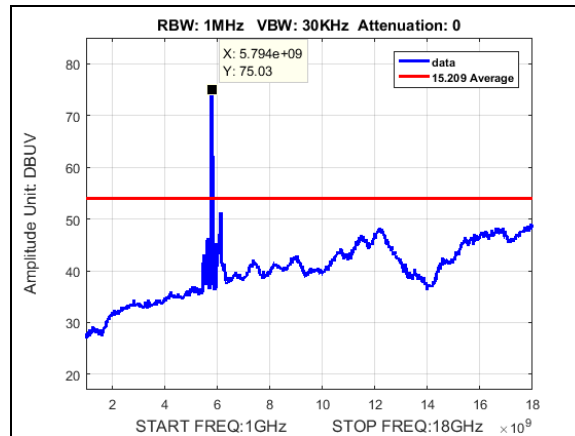
Plot 466. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 20M, 5840, 1-18GHz



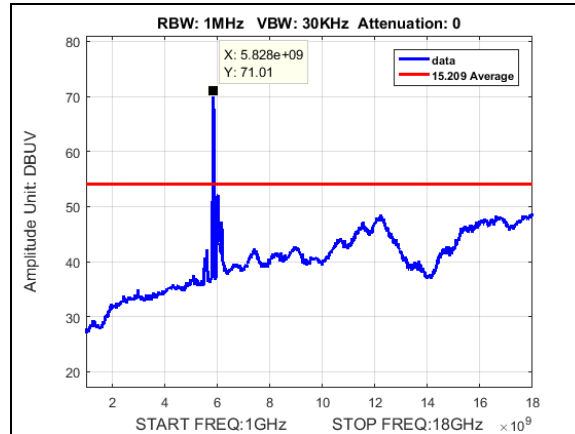
Plot 467. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 20M, 5840, zoomed in 6GHz spur, 57.5, 57.5



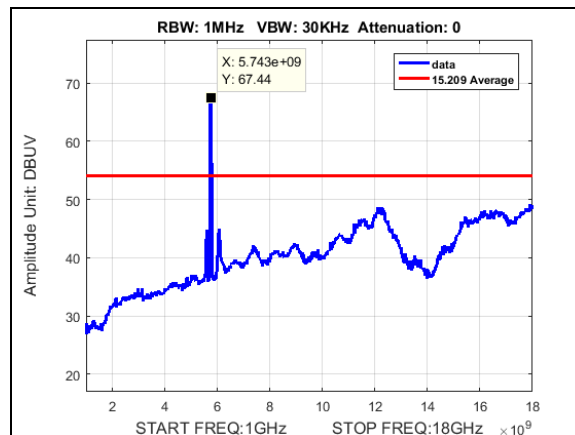
Plot 468. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 30M, 5740, 1-18GHz



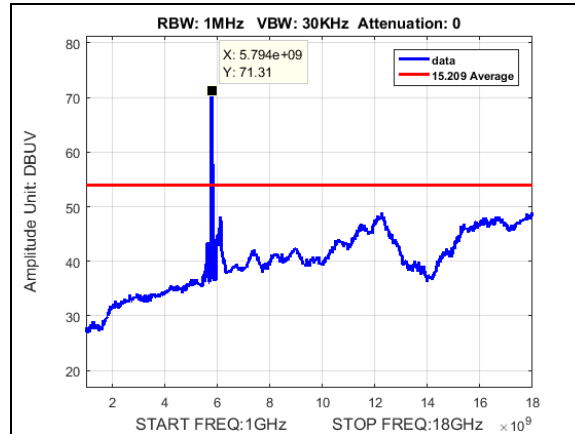
Plot 469. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 30M, 5790, 1-18GHz



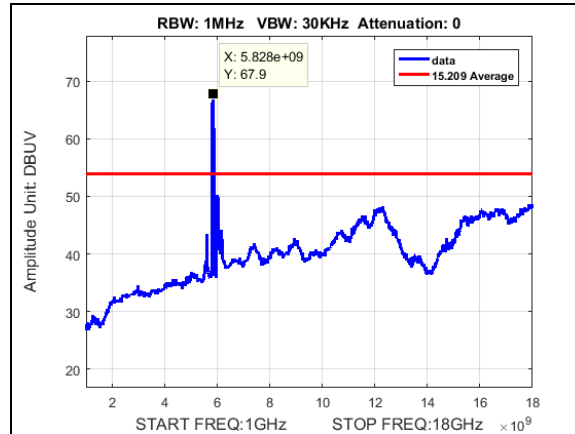
Plot 470. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 30M, 5835, 1-18GHz



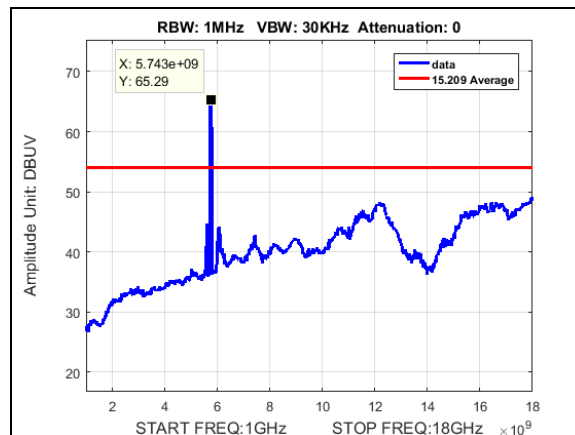
Plot 471. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 40M, 5745, 1-18GHz



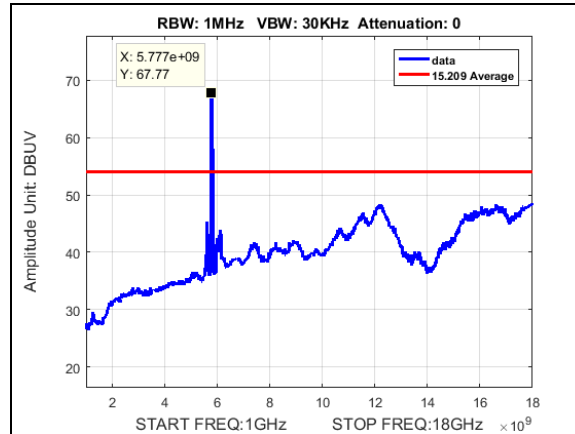
Plot 472. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 40M, 5790, 1-18GHz



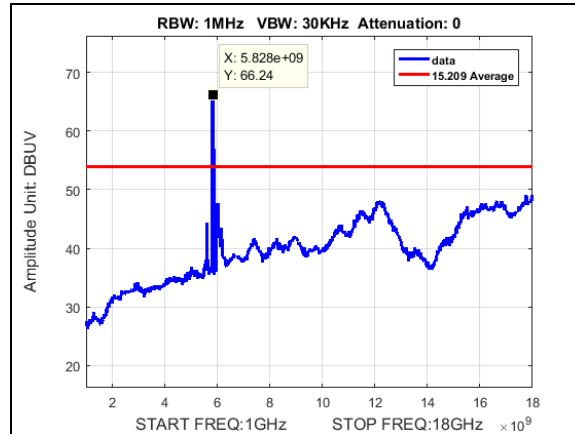
Plot 473. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 40M, 5830, 1-18GHz



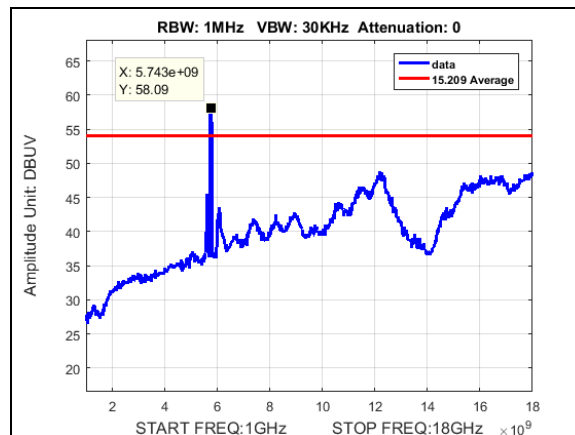
Plot 474. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 50M, 5750, 1-18GHz



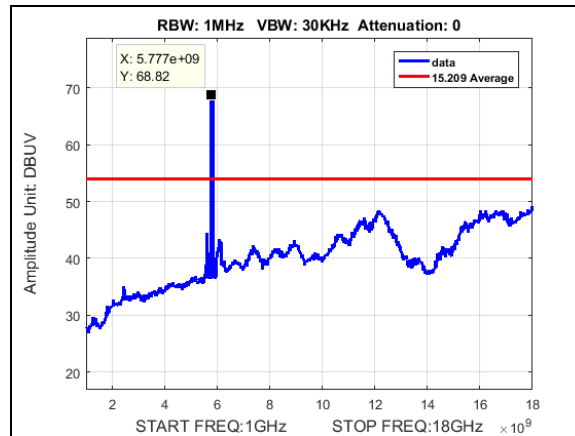
Plot 475. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 50M, 5790, 1-18GHz



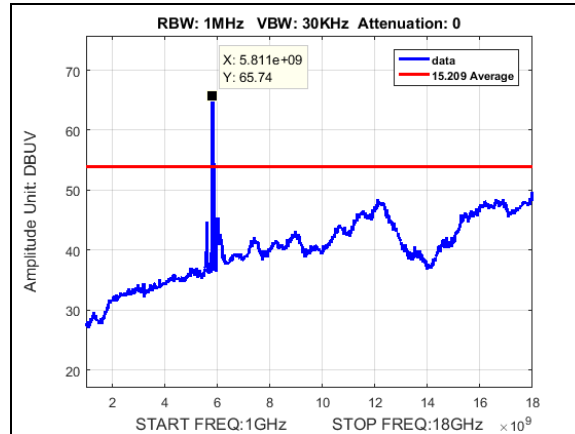
Plot 476. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 50M, 5825, 1-18GHz



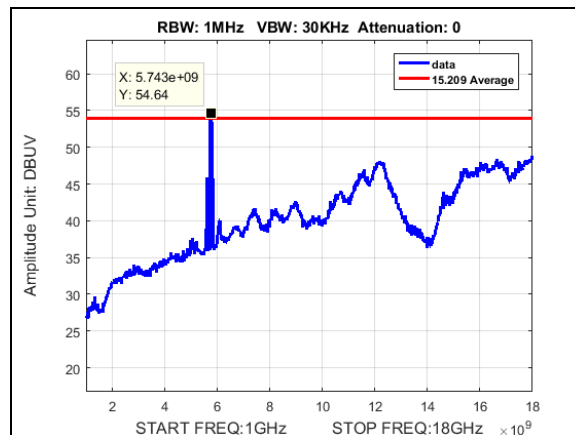
Plot 477. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 60M, 5755M, 1-18GHz



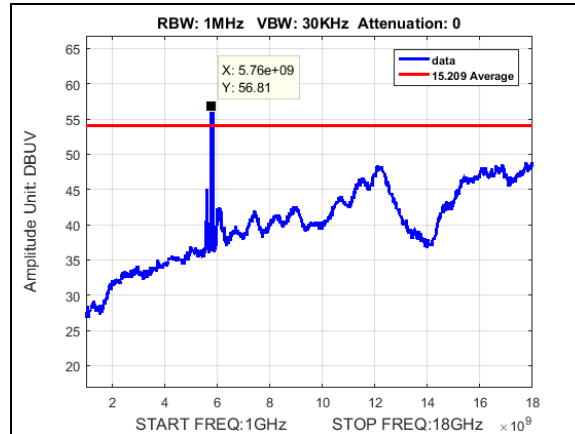
Plot 478. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 60M, 5790, 1-18GHz



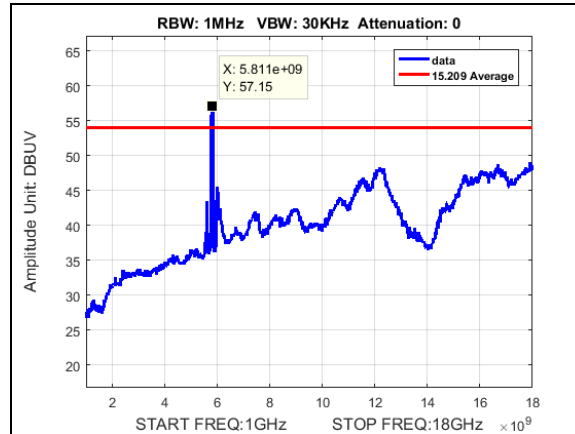
Plot 479. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 60M, 5820, 1-18GHz



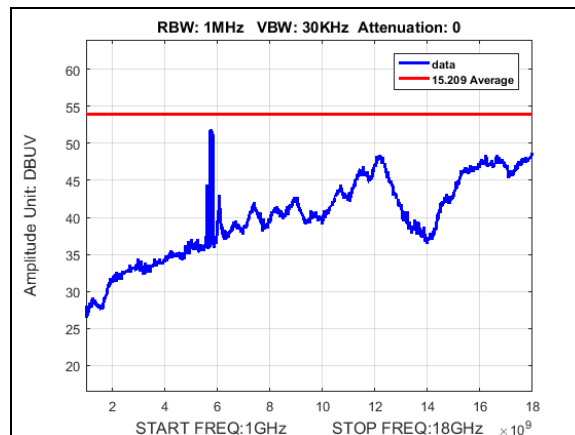
Plot 480. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 80M, 5765M, 1-18GHz



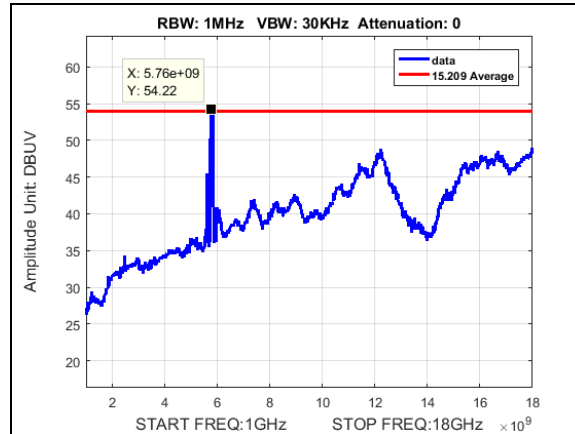
Plot 481. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 80M, 5790M, 1-18GHz



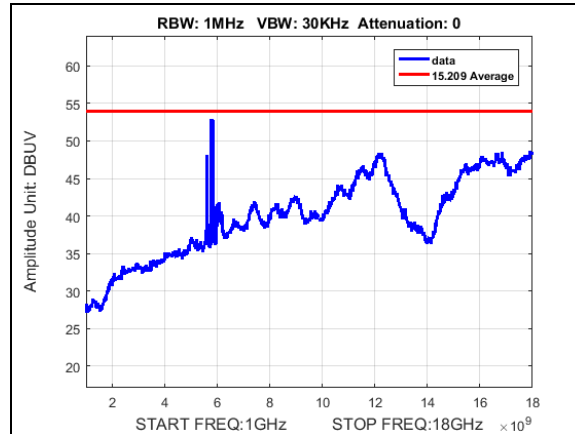
Plot 482. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 80M, 5810M, 1-18GHz



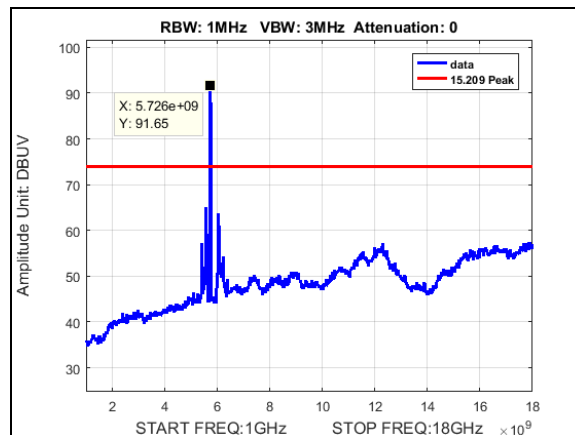
Plot 483. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 100M, 5775M, 1-18GHz



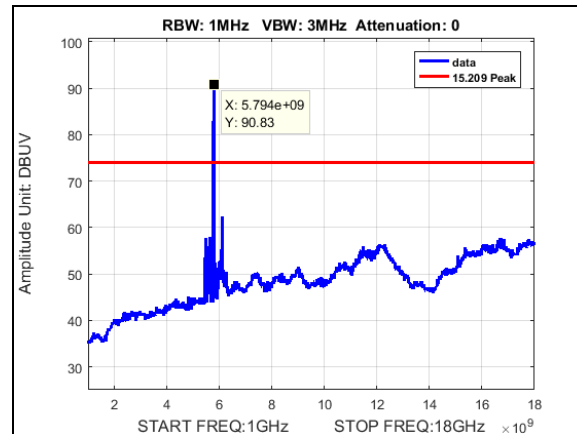
Plot 484. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 100M, 5790M, 1-18GHz



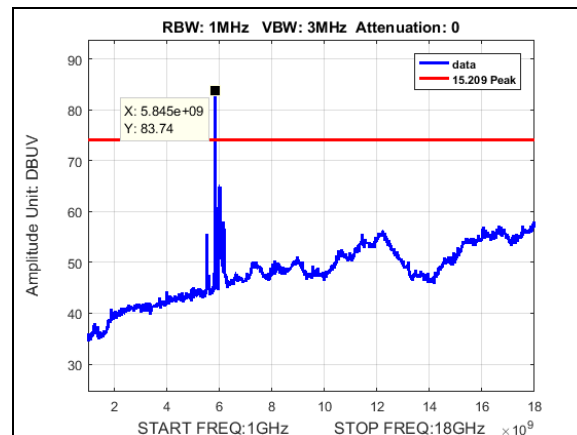
Plot 485. Undesirable Emissions, Fixed Point-to-Point, AVG, 22dBi, radiated spurious emissions, 100M, 5800M, 1-18GHz



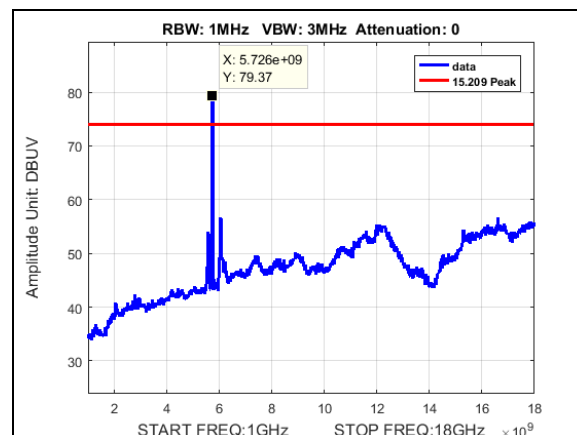
Plot 486. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 10M, 5730, 1-18GHz



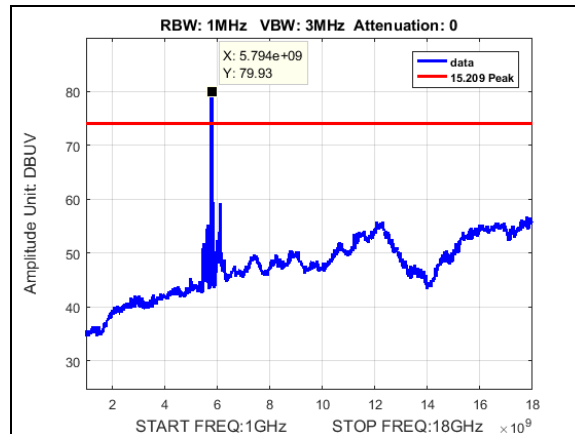
Plot 487. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 10M, 5790, 1-18GHz



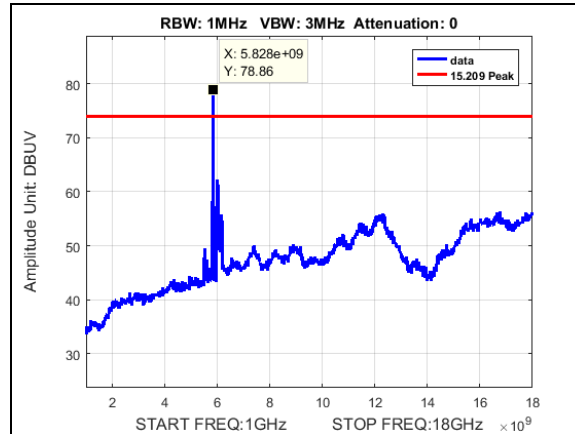
Plot 488. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 10M, 5845, 1-18GHz



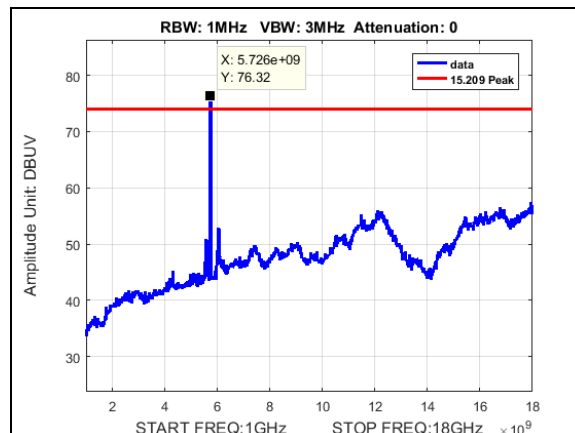
Plot 489. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 20M, 5735, 1-18GHz



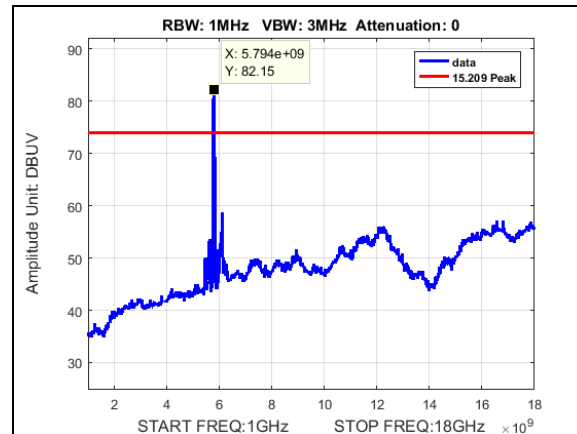
Plot 490. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 20M, 5790, 1-18GHz



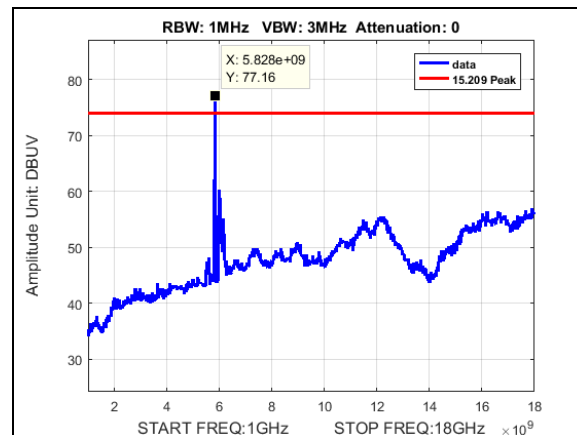
Plot 491. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 20M, 5840, 1-18GHz



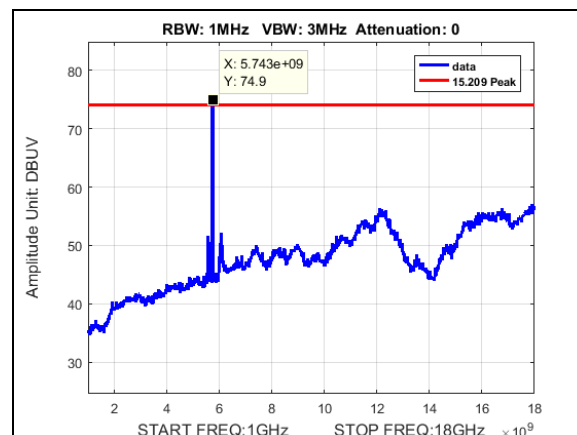
Plot 492. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 30M, 5740, 1-18GHz



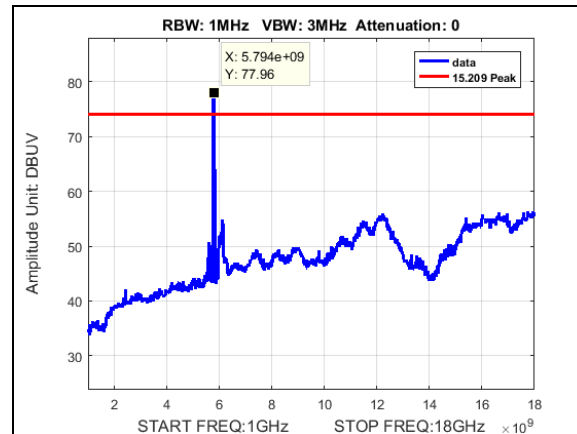
Plot 493. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 30M, 5790, 1-18GHz



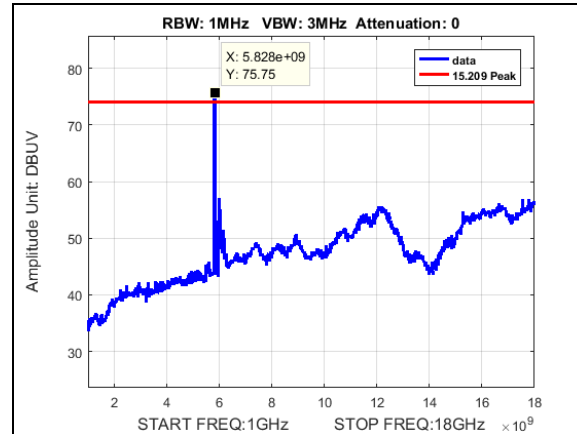
Plot 494. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 30M, 5835, 1-18GHz



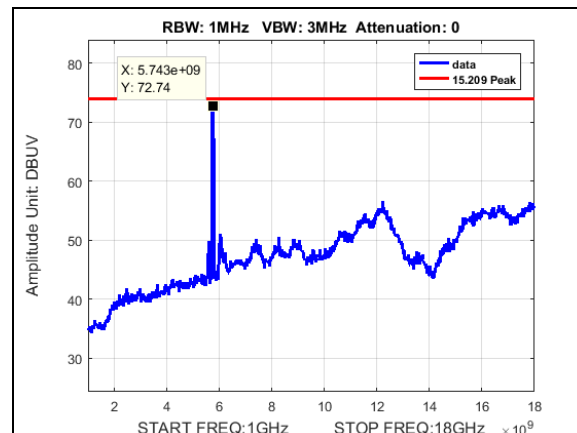
Plot 495. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 40M, 5745, 1-18GHz



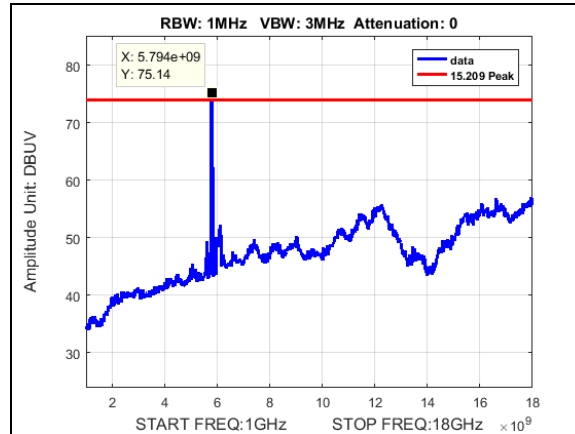
Plot 496. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 40M, 5790, 1-18GHz



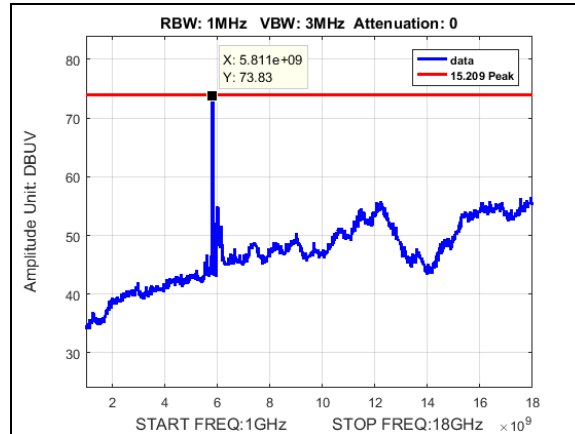
Plot 497. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 40M, 5830, 1-18GHz



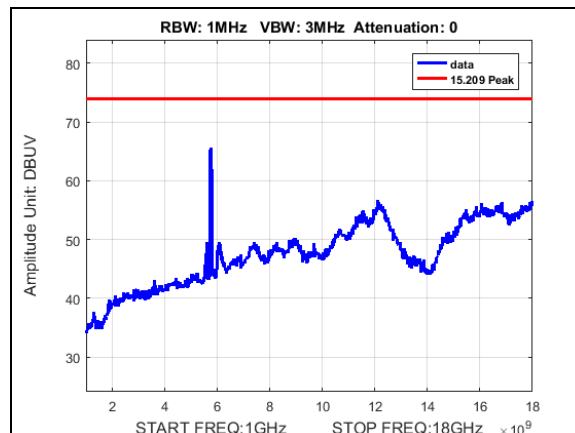
Plot 498. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 50M, 5750, 1-18GHz



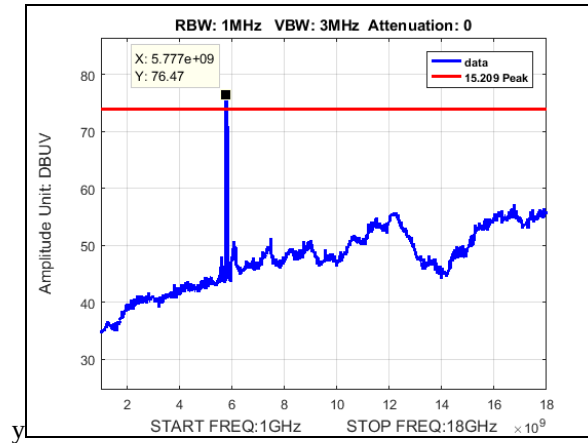
Plot 499. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 50M, 5790, 1-18GHz



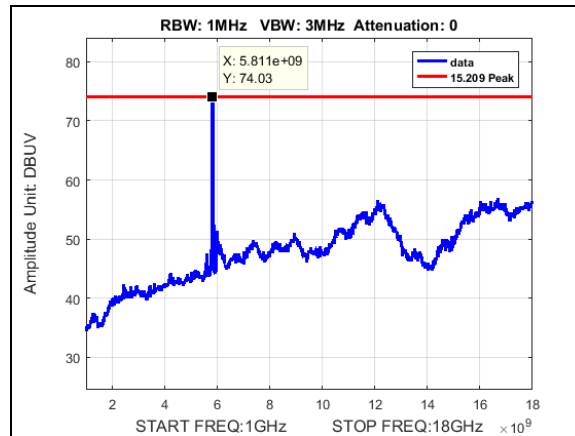
Plot 500. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 50M, 5825, 1-18GHz



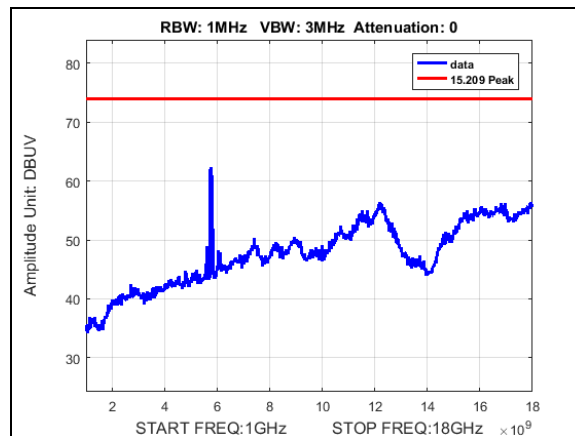
Plot 501. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 60M, 5755M, 1-18GHz



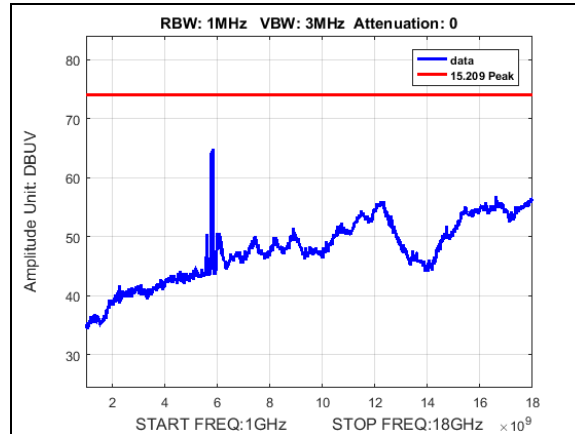
Plot 502. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 60M, 5790, 1-18GHz



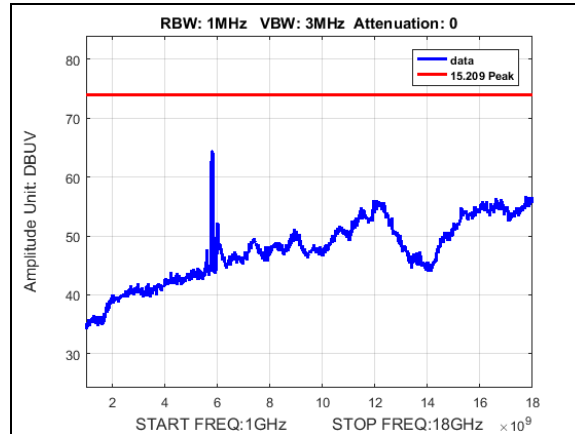
Plot 503. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 60M, 5820, 1-18GHz



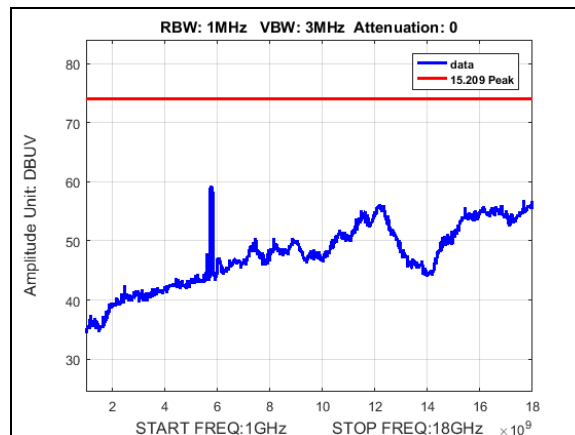
Plot 504. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 80M, 5765M, 1-18GHz



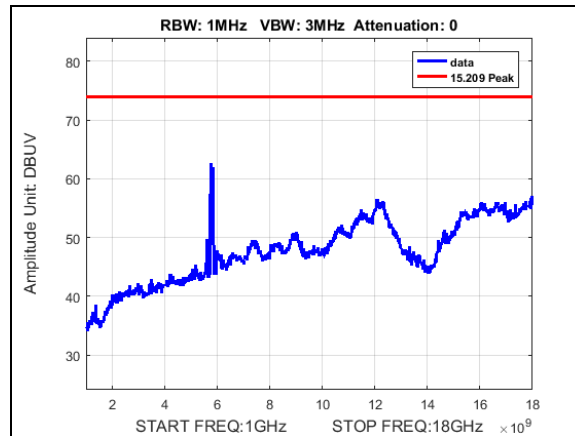
Plot 505. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 80M, 5790M, 1-18GHz



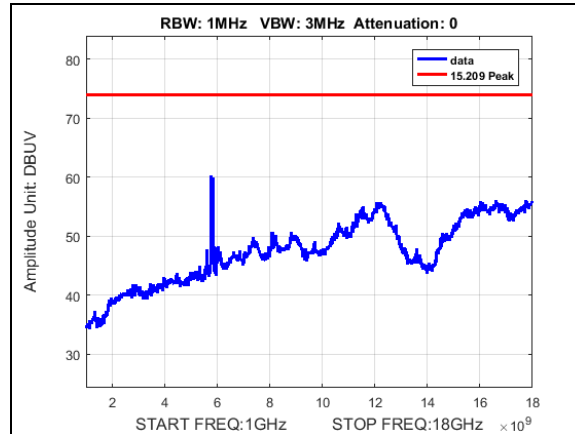
Plot 506. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 80M, 5810M, 1-18GHz



Plot 507. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 100M, 5775M, 1-18GHz

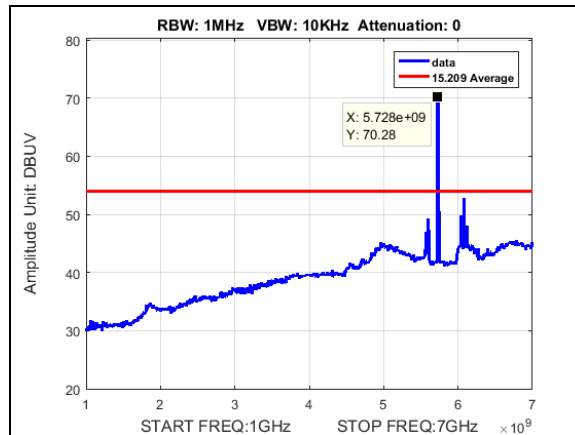


Plot 508. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 100M, 5790M, 1-18GHz

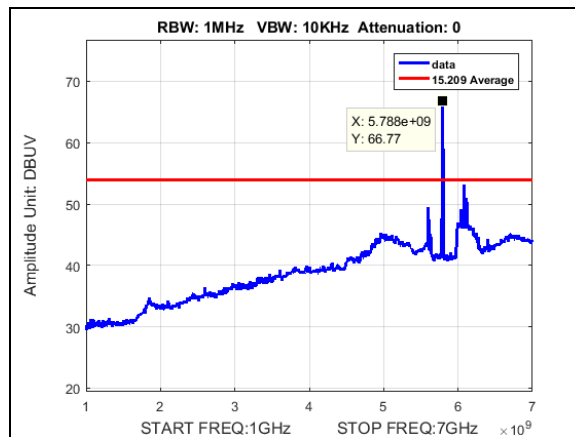


Plot 509. Undesirable Emissions, Fixed Point-to-Point, PK, 22dBi, radiated spurious emissions, 100M, 5800M, 1-18GHz

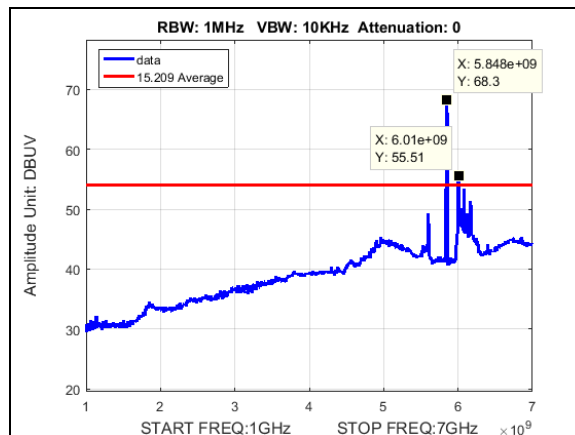
Undesirable Emissions, Fixed Point-to-Point, 34 dBi



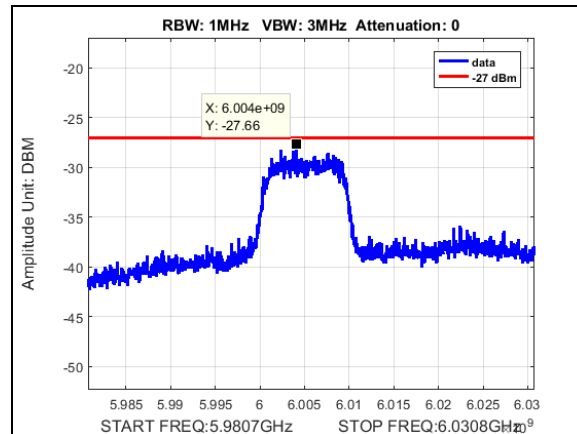
Plot 510. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 10M, 5730, 1-7GHz



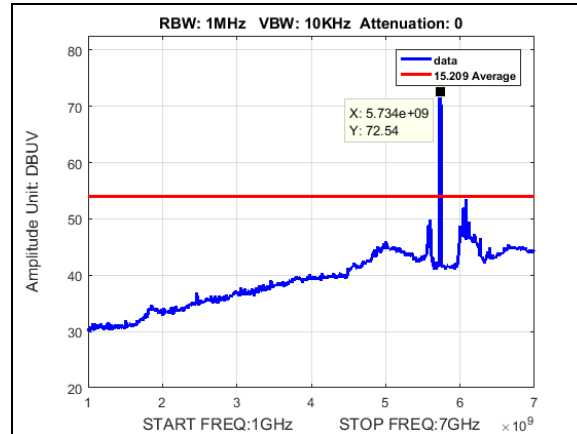
Plot 511. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 10M, 5790, 1-7GHz



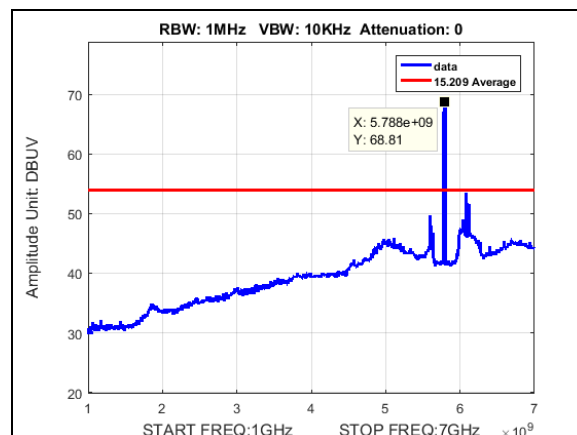
Plot 512. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 10M, 5845, 1-7GHz



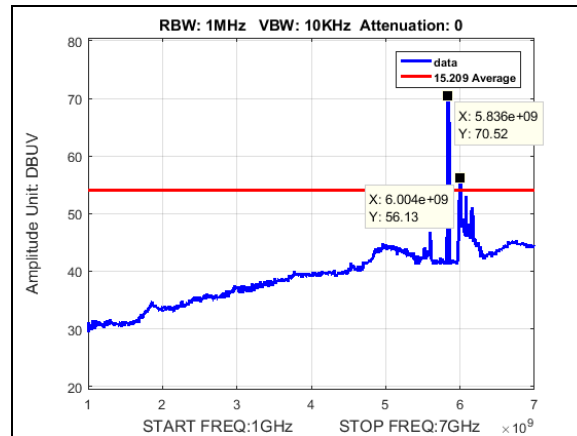
Plot 513. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 10M, 5845, -27dBm zoomed in 6GHz spur



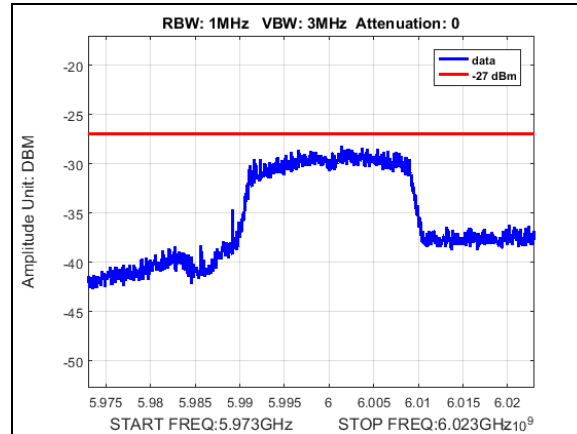
Plot 514. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 20M, 5735, 1-7GHz



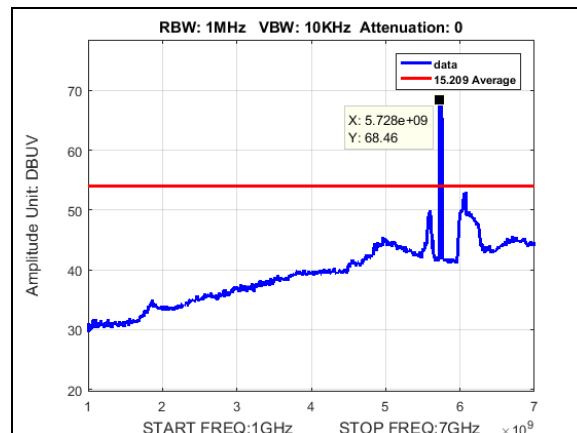
Plot 515. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 20M, 5790, 1-7GHz



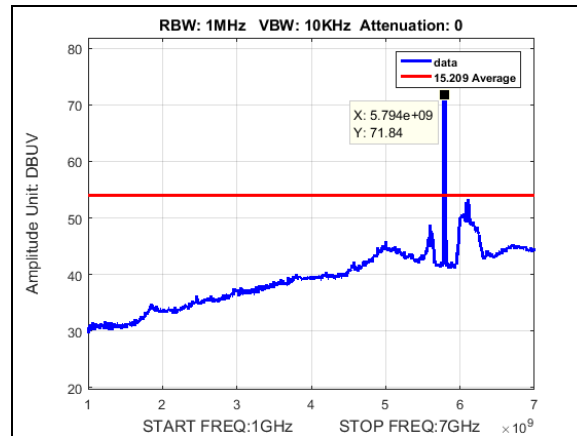
Plot 516. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 20M, 5840, 1-7GHz



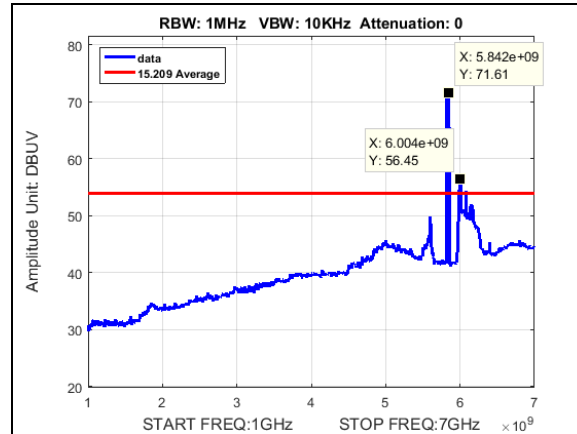
Plot 517. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 20M, 5840, -27dBm zoomed in 6GHz spur



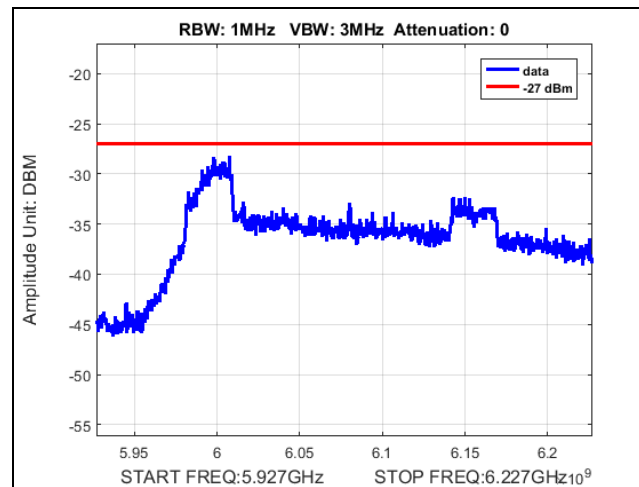
Plot 518. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 30M, 5740, 1-7GHz



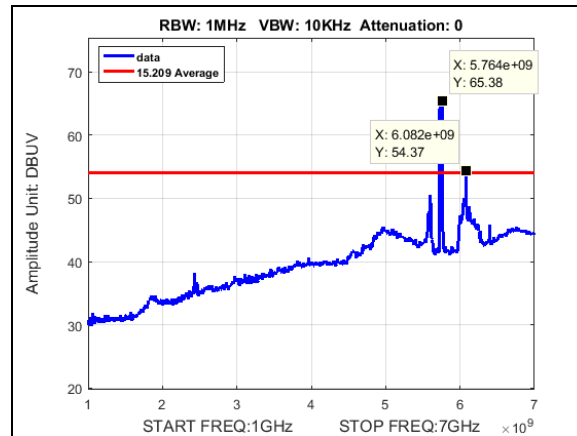
Plot 519. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 30M, 5790, 1-7GHz



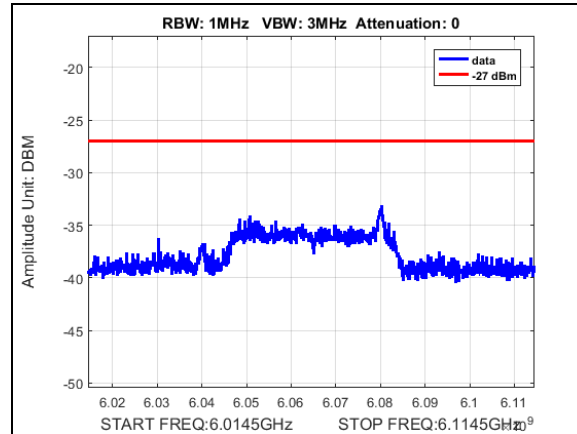
Plot 520. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 30M, 5835, 1-7GHz



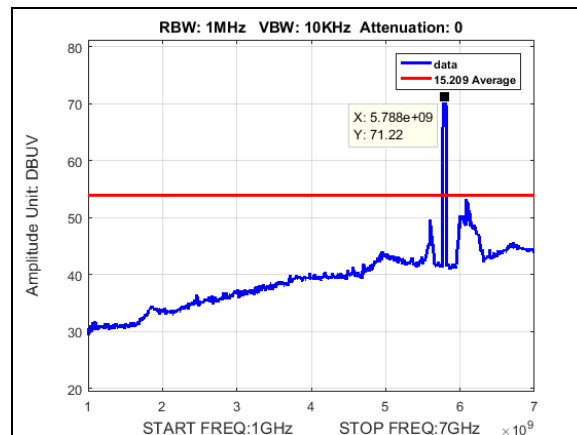
Plot 521. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 30M, 5835, -27dBm zoomed in 6GHz spurs



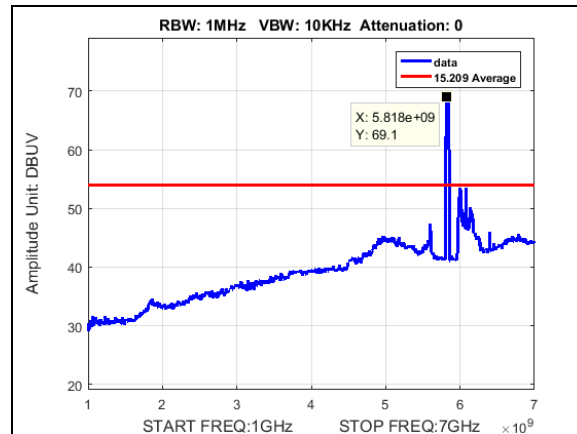
Plot 522. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 40M, 5745, 1-7GHz



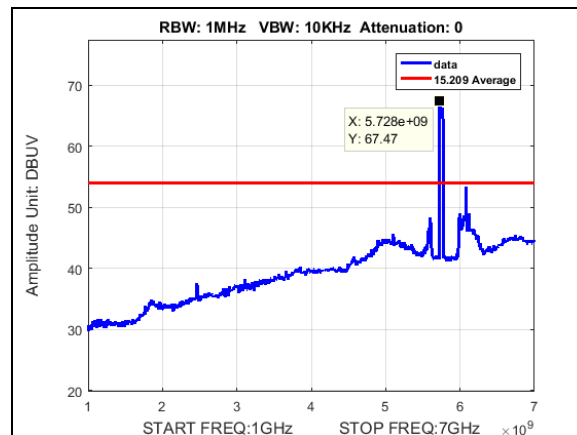
Plot 523. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 40M, 5745, -27dBm zoomed in 6GHz spur



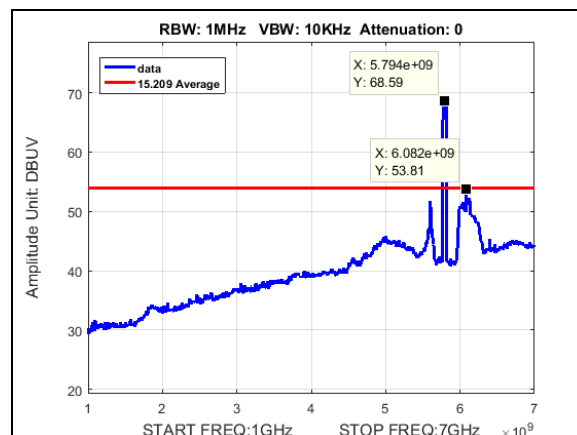
Plot 524. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 40M, 5790, 1-7GHz



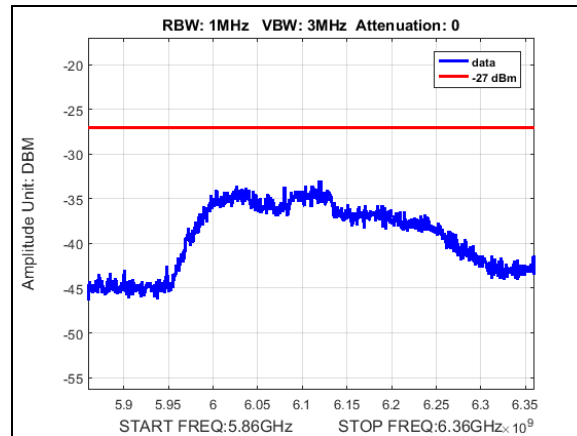
Plot 525. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 40M, 5830, 1-7GHz



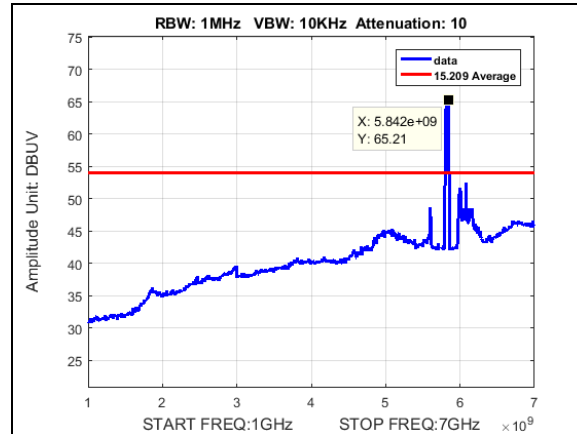
Plot 526. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 50M, 5750, 1-7GHz



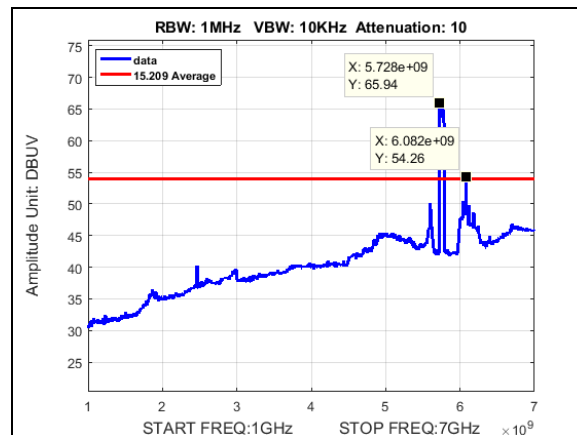
Plot 527. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 50M, 5790, 1-7GHz



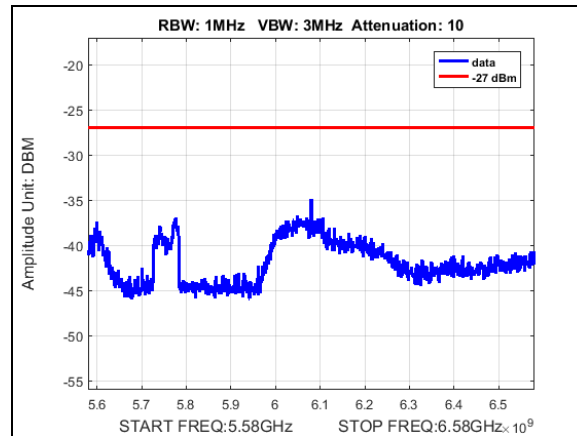
Plot 528. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 50M, 5790, -27dBm zoomed in 6.11GHz spur



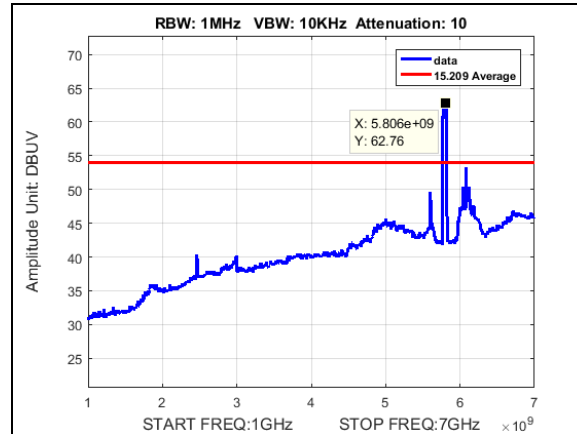
Plot 529. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 50M, 5825, 1-7GHz



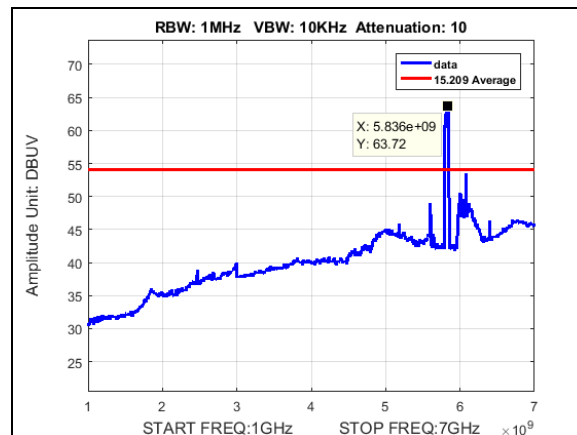
Plot 530. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 60M, 5755, 1-7GHz



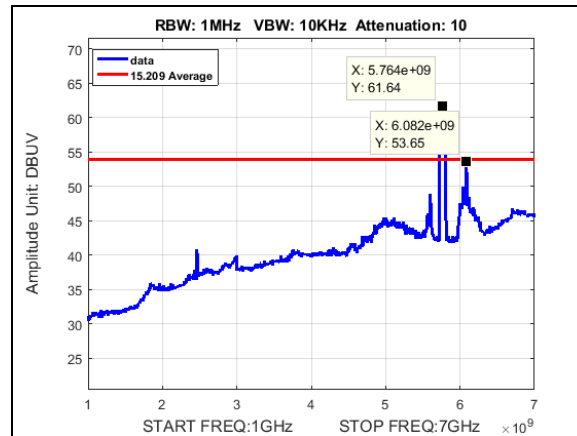
Plot 531. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 60M, 5755, -27dBm zoomed in 6.08GHz spur



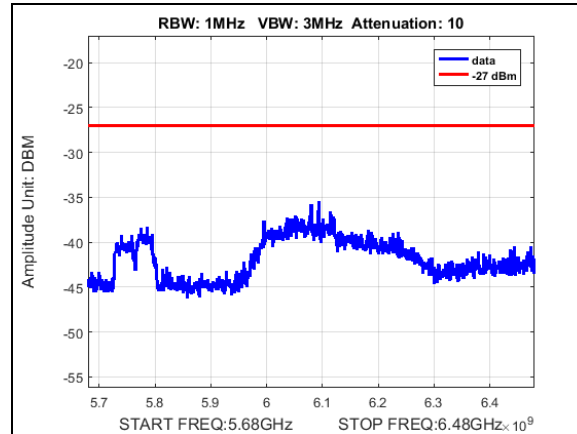
Plot 532. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 60M, 5790, 1-7GHz



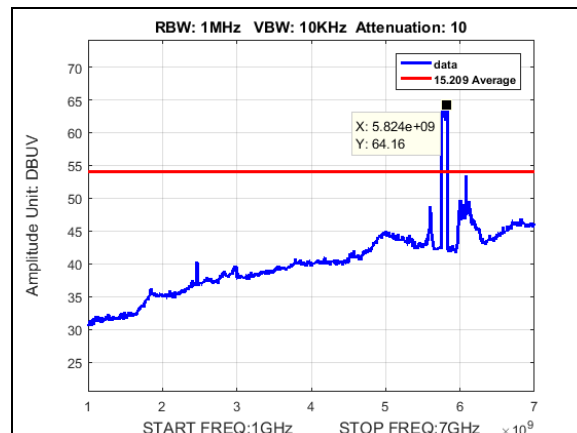
Plot 533. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 60M, 5820, 1-7GHz



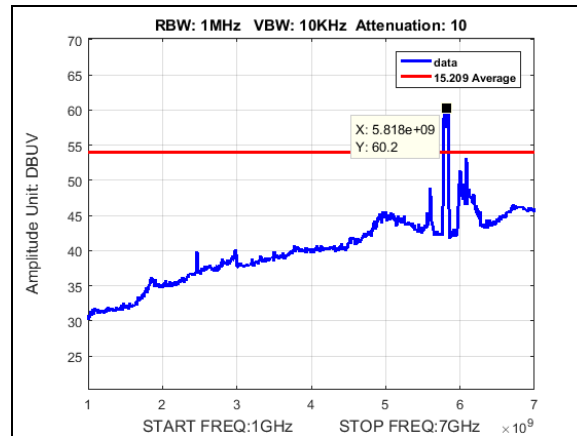
Plot 534. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 80M, 5765, 1-7GHz



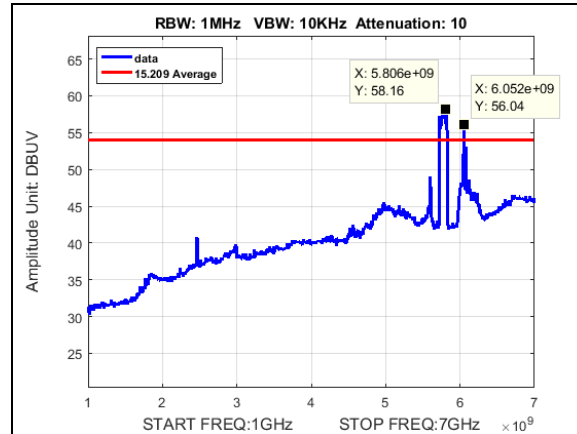
Plot 535. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 80M, 5765, -27dBm zoomed in 6.08GHz spur



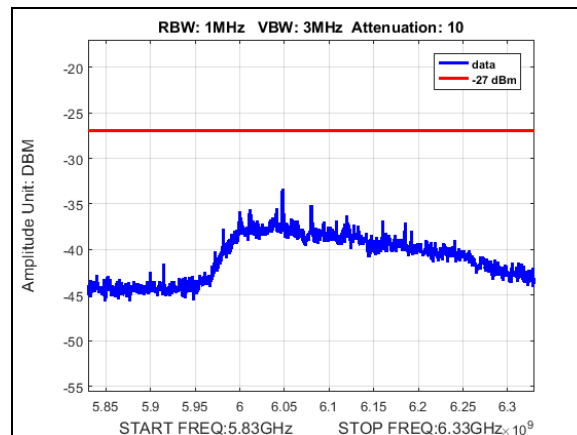
Plot 536. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 80M, 5790, 1-7GHz



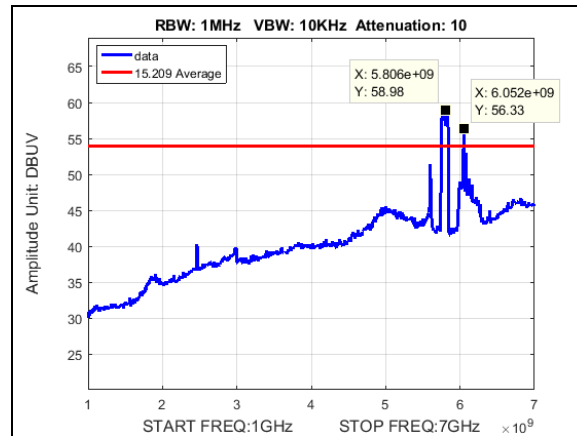
Plot 537. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 80M, 5810, 1-7GHz



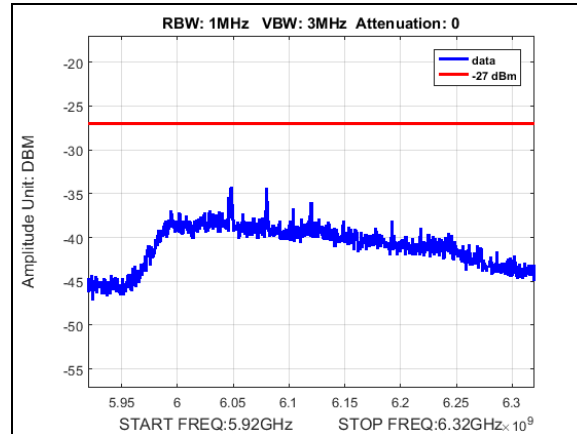
Plot 538. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 100M, 5775, 1-7GHz



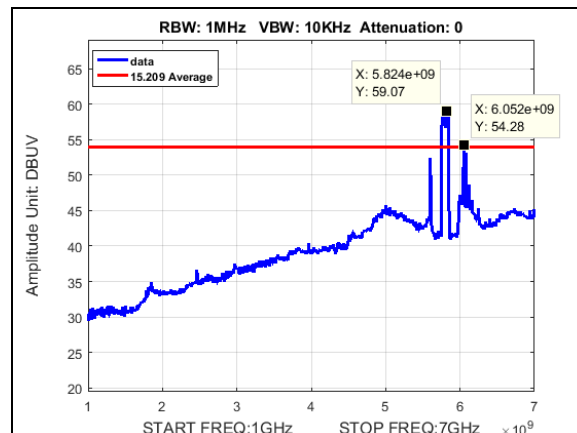
Plot 539. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 100M, 5775, -27dBm zoomed in 6.08GHz spur



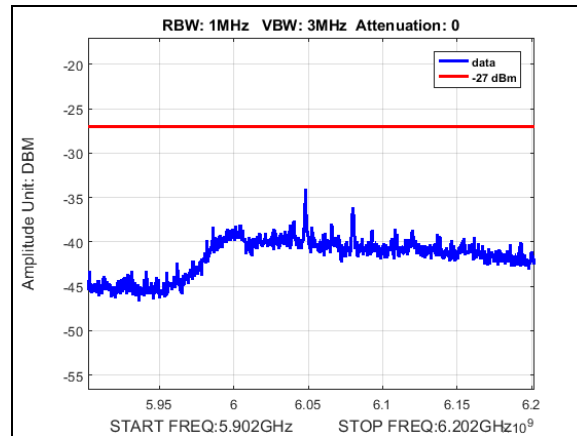
Plot 540. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 100M, 5790, 1-7GHz



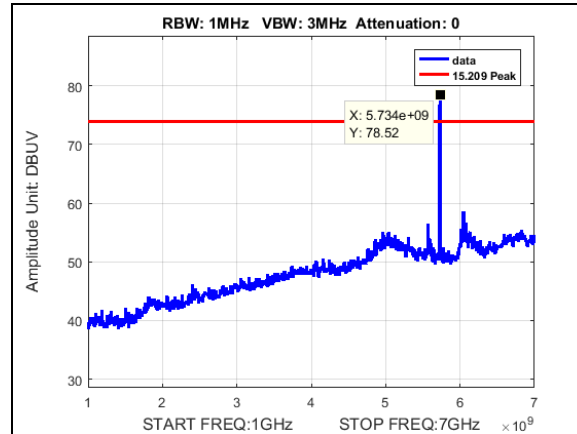
Plot 541. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 100M, 5790, -27dBm zoomed in 6.08GHz spur



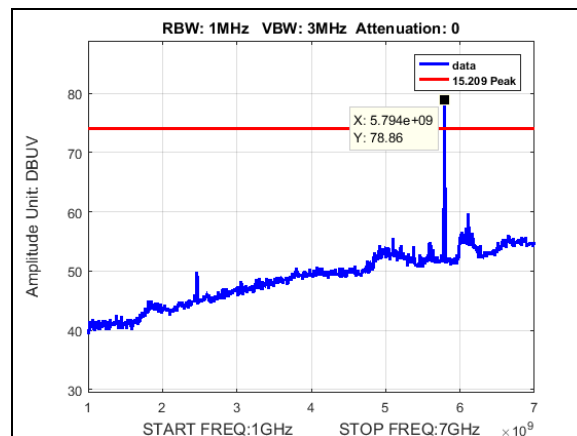
Plot 542. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 100M, 5800, 1-7GHz



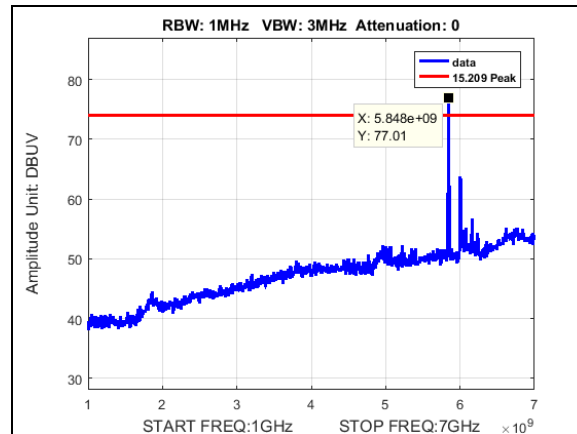
Plot 543. Undesirable Emissions, Fixed Point-to-Point, AVG, 34dBi, radiated spurious emissions, 100M, 5800, -27dBm zoomed in 6.05GHz spur



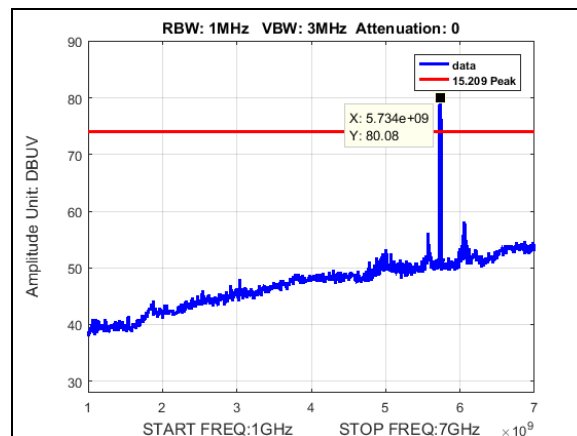
Plot 544. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 10M, 5730, 1-7GHz



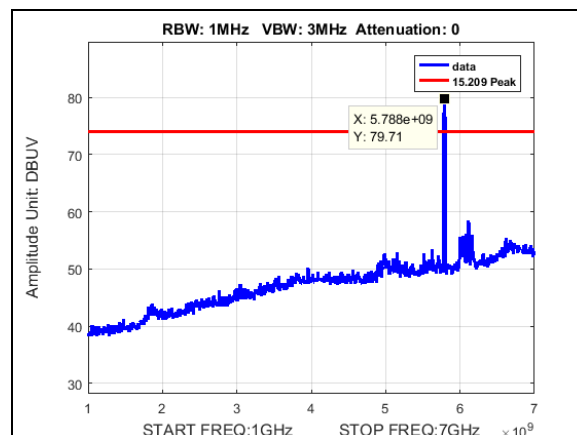
Plot 545. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 10M, 5790, 1-7GHz



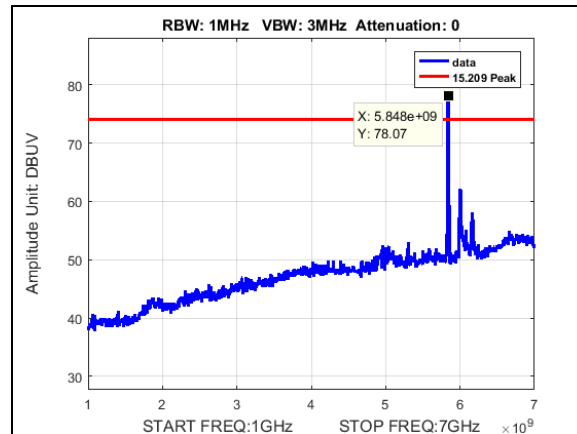
Plot 546. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 10M, 5845, 1-7GHz



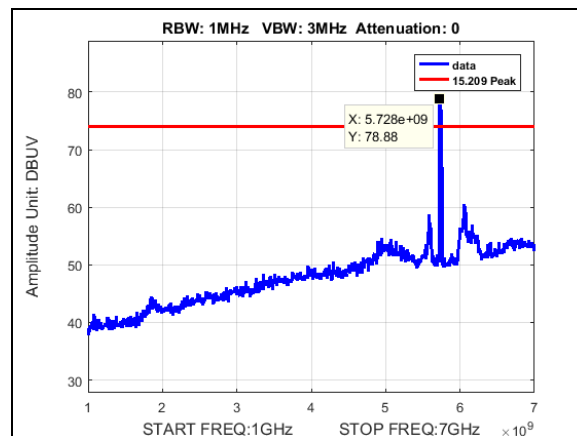
Plot 547. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 20M, 5735, 1-7GHz



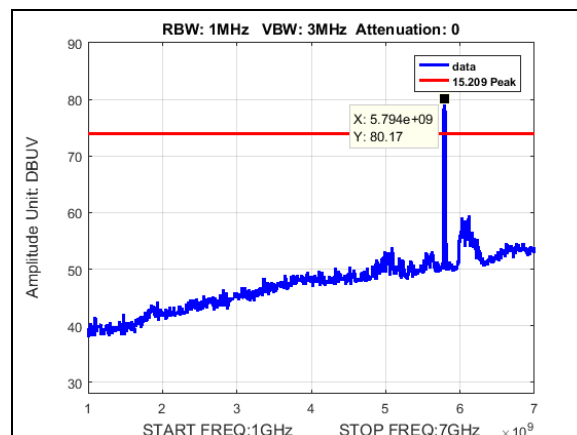
Plot 548. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 20M, 5790, 1-7GHz



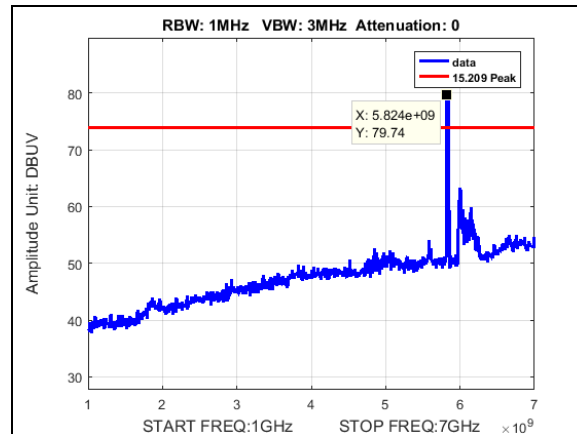
Plot 549. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 20M, 5840, 1-7GHz



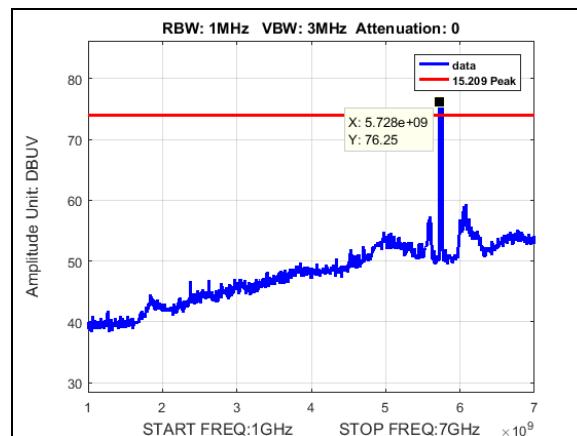
Plot 550. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 30M, 5740, 1-7GHz



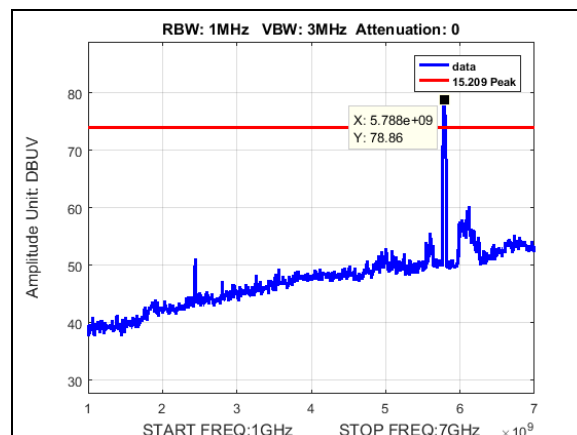
Plot 551. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 30M, 5790, 1-7GHz



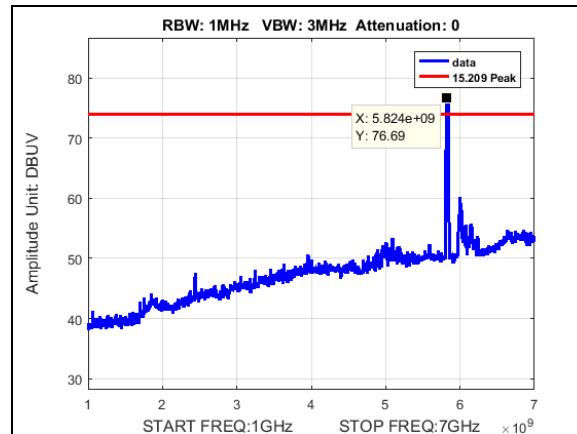
Plot 552. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 30M, 5835, 1-7GHz



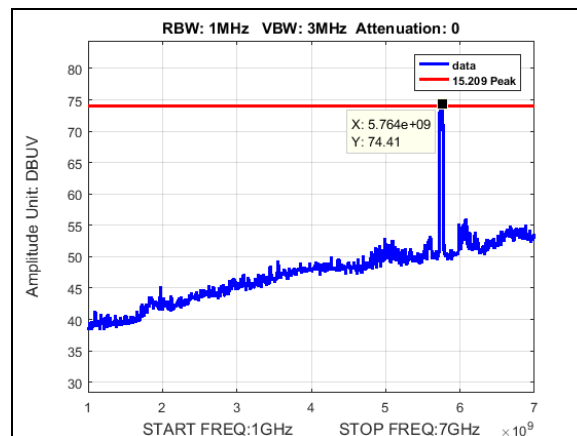
Plot 553. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 40M, 5745, 1-7GHz



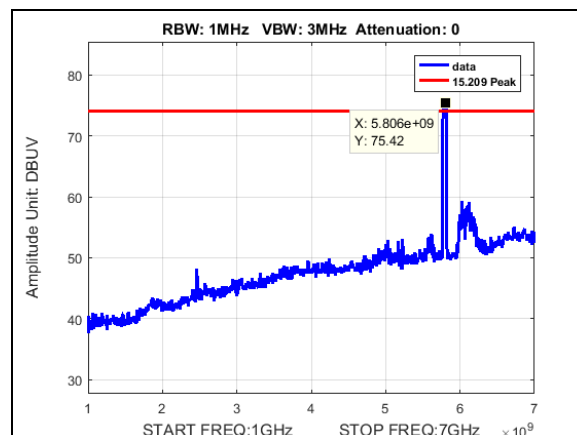
Plot 554. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 40M, 5790, 1-7GHz



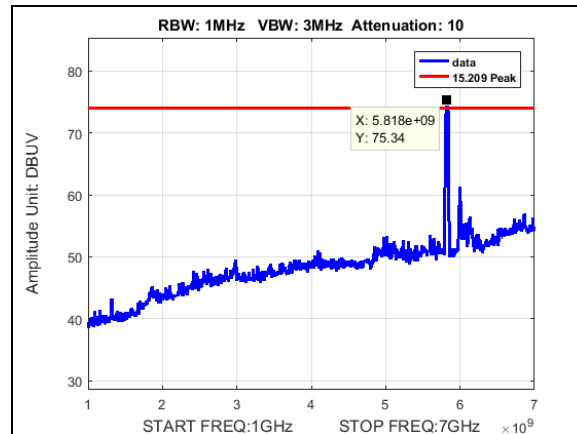
Plot 555. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 40M, 5830, 1-7GHz



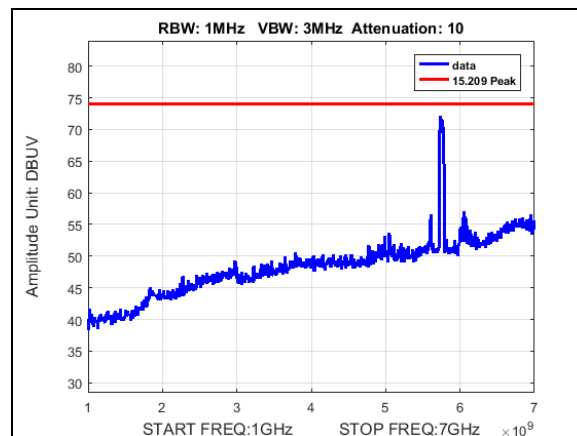
Plot 556. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 50M, 5750, 1-7GHz



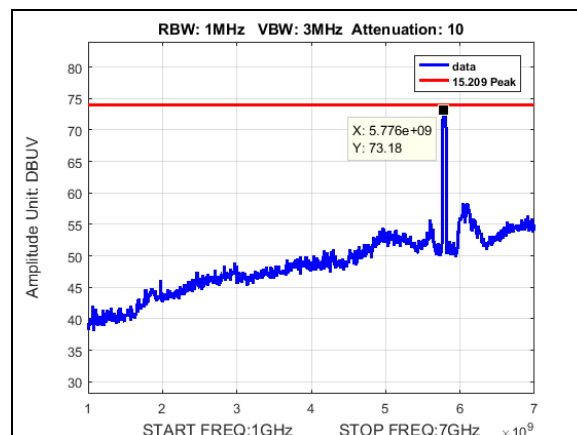
Plot 557. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 50M, 5790, 1-7GHz



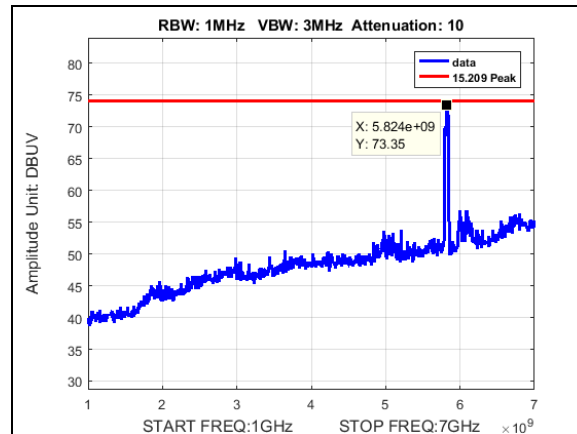
Plot 558. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 50M, 5825, 1-7GHz



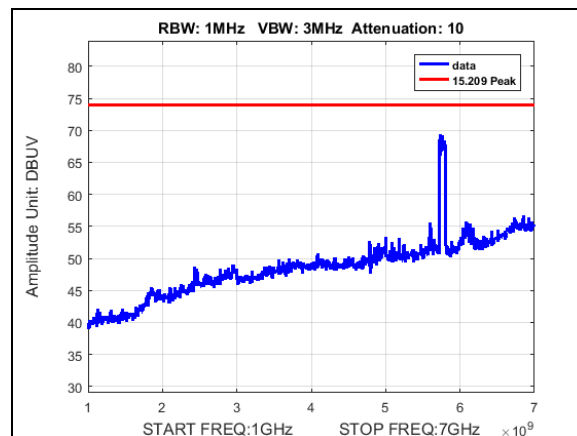
Plot 559. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 60M, 5755, 1-7GHz



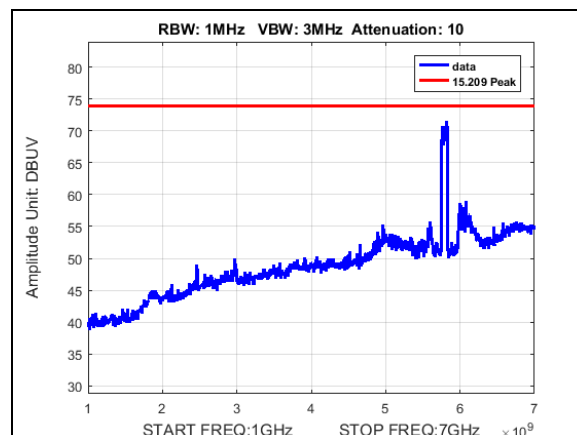
Plot 560. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 60M, 5790, 1-7GHz



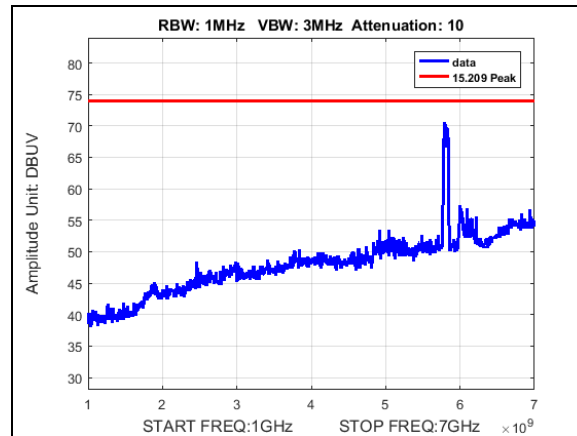
Plot 561. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 60M, 5820, 1-7GHz



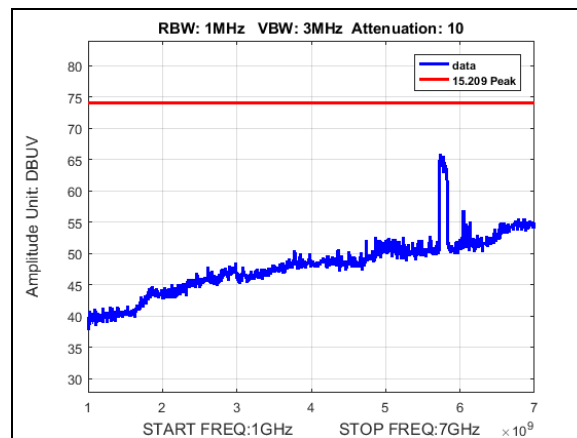
Plot 562. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 80M, 5765, 1-7GHz



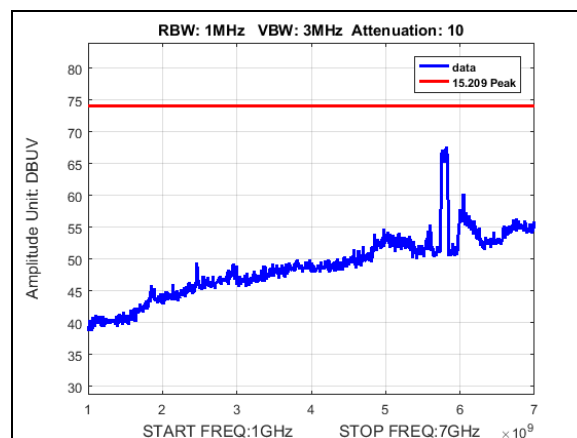
Plot 563. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 80M, 5790, 1-7GHz



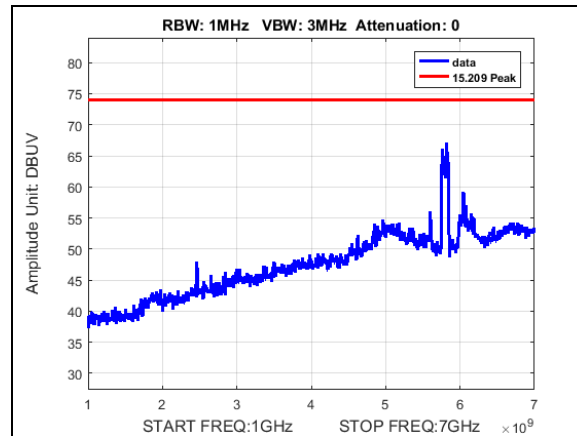
Plot 564. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 80M, 5810, 1-7GHz



Plot 565. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 100M, 5775, 1-7GHz



Plot 566. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 100M, 5790, 1-7GHz



Plot 567. Undesirable Emissions, Fixed Point-to-Point, PK, 34dBi, radiated spurious emissions, 100M, 5800, 1-7GHz