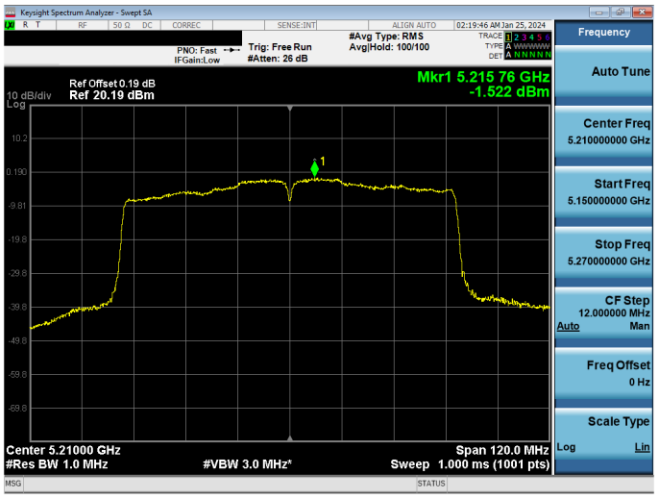
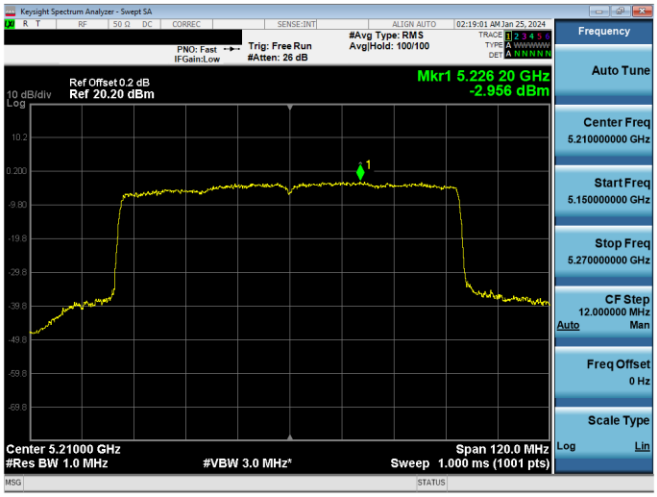
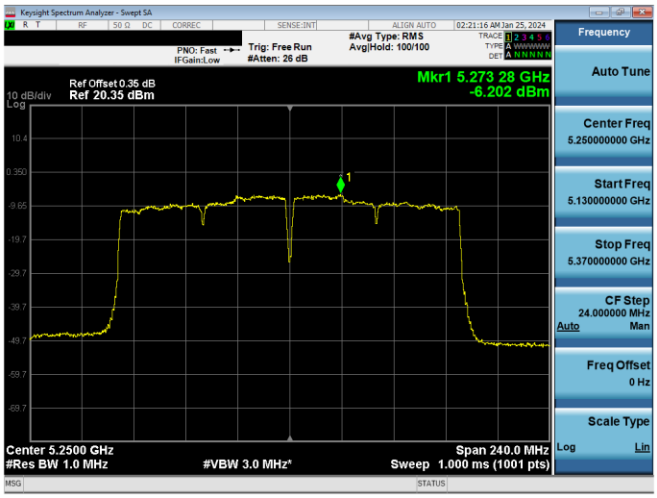


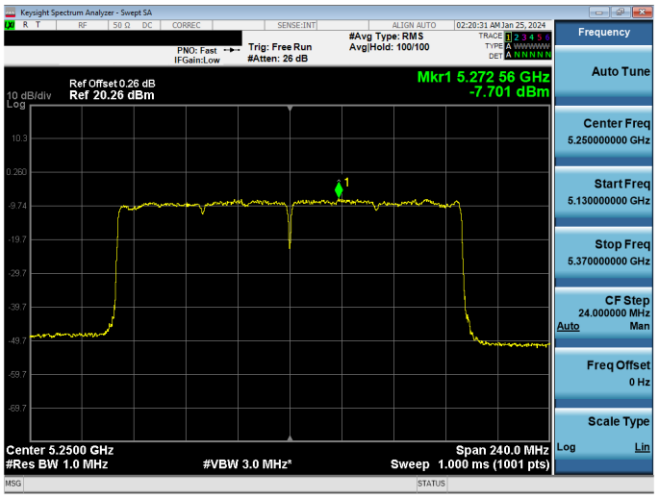
Plot 7-457. ISED PSD Antenna 3a (80MHz BW 11ac – Ch.42, MCS4)



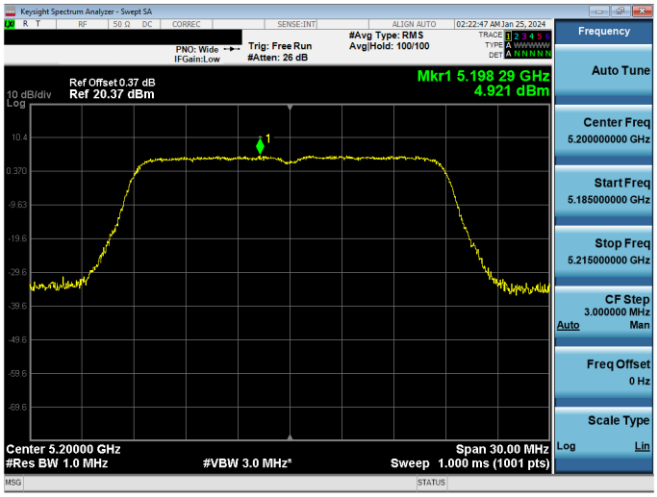
Plot 7-458. ISED PSD Antenna 3a (80MHz BW 11ax (SU) – Ch.42, MCS4)



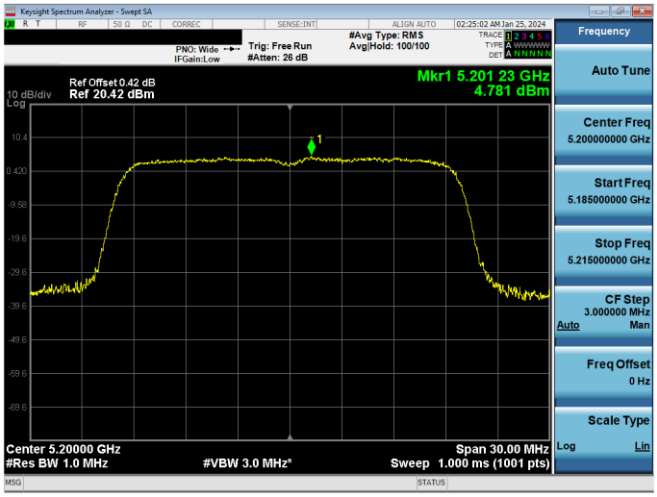
Plot 7-459. ISED PSD Antenna 3a (160MHz BW 11ac – Ch.50, MCS4)



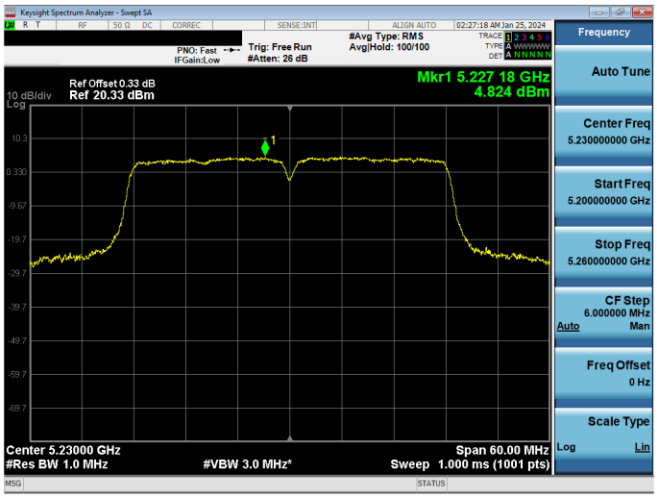
Plot 7-460. ISED PSD Antenna 3a (160MHz BW 11ax (SU) – Ch.50, MCS4)



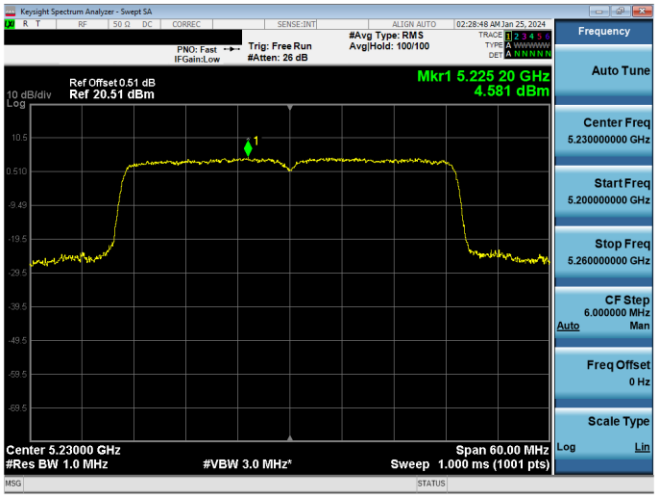
Plot 7-461. ISED PSD Antenna 3a (20MHz BW 11n – Ch.40, MCS7)



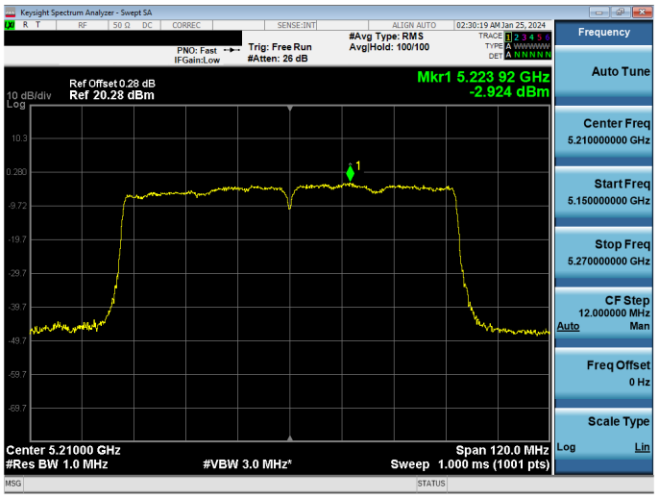
Plot 7-462. ISED PSD Antenna 3a (20MHz BW 11ax(SU) – Ch.40, MCS11)



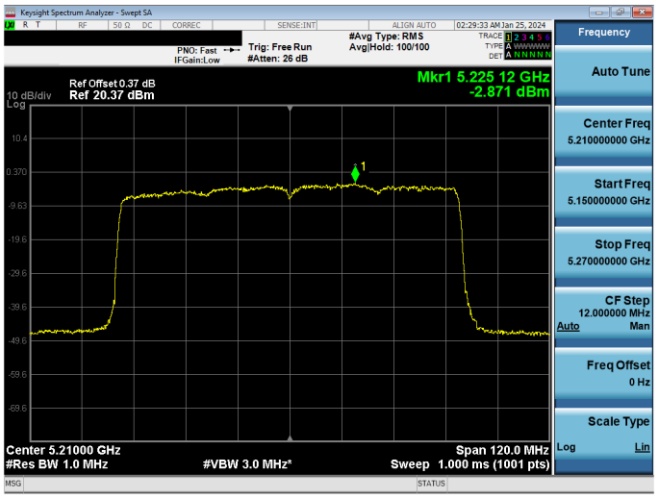
Plot 7-463. ISED PSD Antenna 3a (40MHz BW 11n – Ch.46, MCS7)



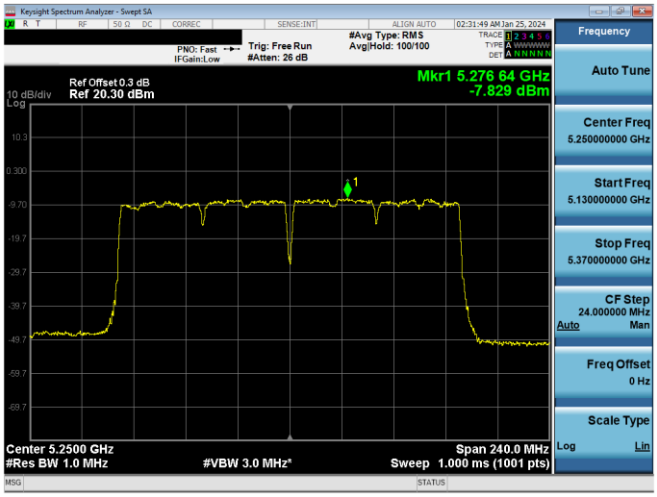
Plot 7-464. ISED PSD Antenna 3a (40MHz BW 11ax(SU) – Ch.46, MCS11)



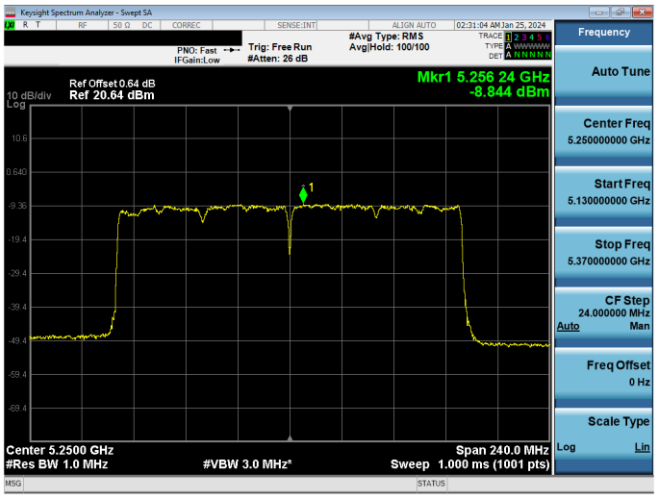
Plot 7-465. ISED PSD Antenna 3a (80MHz BW 11ac – Ch.42, MCS9)



Plot 7-466. ISED PSD Antenna 3a (80MHz BW 11ax (SU) – Ch.42, MCS11)



Plot 7-467. ISED PSD Antenna 3a (160MHz BW 11ac – Ch.50, MCS9)



Plot 7-468. ISED PSD Antenna 3a (160MHz BW 11ax (SU) – Ch.50, MCS11)

7.5.3 Antenna 1b Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	19.5/21.7 (MCS2)	8.32	11.00	-2.68
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	9.68	11.00	-1.32
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	9.85	11.00	-1.15
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	5.90	11.00	-5.10
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	8.04	11.00	-2.96
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	8.41	11.00	-2.59
	5190	38	n (40MHz)	40/40.5 (MCS2)	3.36	11.00	-7.64
	5230	46	n (40MHz)	40/40.5 (MCS2)	6.99	11.00	-4.01
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	0.56	11.00	-10.44
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	5.27	11.00	-5.73
	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	-0.09	11.00	-11.09
	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-1.75	11.00	-12.75
Band 1/2	5250	50	ac (160MHz)	87.8/97.5 (MCS2)	-4.80	11.00	-15.80
	5250	50	ax (SU) (160MHz)	102/108.1 (MCS2)	-6.22	11.00	-17.22
Band 2A	5260	52	n (20MHz)	19.5/21.7 (MCS2)	9.90	11.00	-1.10
	5300	60	n (20MHz)	19.5/21.7 (MCS2)	9.68	11.00	-1.32
	5320	64	n (20MHz)	19.5/21.7 (MCS2)	8.16	11.00	-2.84
	5260	52	ax (SU) (20MHz)	24/25.8 (MCS2)	8.14	11.00	-2.86
	5300	60	ax (SU) (20MHz)	24/25.8 (MCS2)	8.02	11.00	-2.98
	5320	64	ax (SU) (20MHz)	24/25.8 (MCS2)	5.60	11.00	-5.40
	5270	54	n (40MHz)	40/40.5 (MCS2)	6.58	11.00	-4.42
	5310	62	n (40MHz)	40/40.5 (MCS2)	3.45	11.00	-7.55
	5270	54	ax (SU) (40MHz)	49/51.6 (MCS2)	5.27	11.00	-5.73
	5310	62	ax (SU) (40MHz)	49/51.6 (MCS2)	1.04	11.00	-9.96
	5290	58	ac (80MHz)	87.8/97.5 (MCS2)	-0.73	11.00	-11.73
	5290	58	ax (SU) (80MHz)	102/108.1 (MCS2)	-2.15	11.00	-13.15
Band 2C	5500	100	n (20MHz)	19.5/21.7 (MCS2)	8.69	11.00	-2.31
	5580	116	n (20MHz)	19.5/21.7 (MCS2)	9.90	11.00	-1.10
	*5600	120	n (20MHz)	19.5/21.7 (MCS2)	9.86	11.00	-1.14
	5700	140	n (20MHz)	19.5/21.7 (MCS2)	7.05	11.00	-3.95
	5720	144	n (20MHz)	19.5/21.7 (MCS2)	9.62	11.00	-1.38
	5500	100	ax (SU) (20MHz)	24/25.8 (MCS2)	5.85	11.00	-5.15
	5580	116	ax (SU) (20MHz)	24/25.8 (MCS2)	8.38	11.00	-2.62
	*5600	120	ax (SU) (20MHz)	24/25.8 (MCS2)	8.55	11.00	-2.45
	5700	140	ax (SU) (20MHz)	24/25.8 (MCS2)	3.91	11.00	-7.09
	5720	144	ax (SU) (20MHz)	24/25.8 (MCS2)	8.18	11.00	-2.82
	5510	102	n (40MHz)	40/40.5 (MCS2)	3.53	11.00	-7.47
	5550	110	n (40MHz)	40/40.5 (MCS2)	6.64	11.00	-4.36
	*5590	118	n (40MHz)	40/40.5 (MCS2)	6.72	11.00	-4.28
	5670	134	n (40MHz)	40/40.5 (MCS2)	5.63	11.00	-5.37
	5710	142	n (40MHz)	40/40.5 (MCS2)	6.80	11.00	-4.20
	5510	102	ax (SU) (40MHz)	49/51.6 (MCS2)	1.04	11.00	-9.96
	5550	110	ax (SU) (40MHz)	49/51.6 (MCS2)	4.86	11.00	-6.14
	*5590	118	ax (SU) (40MHz)	49/51.6 (MCS2)	5.22	11.00	-5.78
	5670	134	ax (SU) (40MHz)	49/51.6 (MCS2)	3.91	11.00	-7.09
	5710	142	ax (SU) (40MHz)	49/51.6 (MCS2)	5.16	11.00	-5.84
	5530	106	ac (80MHz)	87.8/97.5 (MCS2)	0.25	11.00	-10.75
	*5610	122	ac (80MHz)	87.8/97.5 (MCS2)	4.09	11.00	-6.91
	5690	138	ac (80MHz)	87.8/97.5 (MCS2)	3.64	11.00	-7.36
	5530	106	ax (SU) (80MHz)	102/108.1 (MCS2)	-2.60	11.00	-13.60
	*5610	122	ax (SU) (80MHz)	102/108.1 (MCS2)	1.38	11.00	-9.62
	5690	138	ax (SU) (80MHz)	102/108.1 (MCS2)	2.02	11.00	-8.98
	*5570	114	ac (160MHz)	87.8/97.5 (MCS2)	-5.33	11.00	-16.33
	*5570	114	ax (SU) (160MHz)	102/108.1 (MCS2)	-6.56	11.00	-17.56

Table 7-218. Power Spectral Density Measurements Antenna 1b (Low Data Rate)

*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	39/43.3 (MCS4)	7.56	11.00	-3.45
	5200	40	n (20MHz)	39/43.3 (MCS4)	9.70	11.00	-1.31
	5240	48	n (20MHz)	39/43.3 (MCS4)	10.26	11.00	-0.74
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	5.31	11.00	-5.69
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	8.45	11.00	-2.55
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	8.61	11.00	-2.39
	5190	38	n (40MHz)	81/90 (MCS4)	3.07	11.00	-7.93
	5230	46	n (40MHz)	81/90 (MCS4)	6.99	11.00	-4.01
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	0.54	11.00	-10.46
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	5.51	11.00	-5.49
	5210	42	ac (80MHz)	175.5/195 (MCS4)	-0.52	11.00	-11.52
	5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-2.42	11.00	-13.42
Band 1/2	5250	50	ac (160MHz)	175.5/195 (MCS4)	-5.15	11.00	-16.15
	5250	50	ax (SU) (160MHz)	204/216.2 (MCS4)	-6.17	11.00	-17.17
Band 2A	5260	52	n (20MHz)	39/43.3 (MCS4)	9.71	11.00	-1.29
	5300	60	n (20MHz)	39/43.3 (MCS4)	9.49	11.00	-1.51
	5320	64	n (20MHz)	39/43.3 (MCS4)	7.90	11.00	-3.10
	5260	52	ax (SU) (20MHz)	49/51.6 (MCS4)	8.47	11.00	-2.53
	5300	60	ax (SU) (20MHz)	49/51.6 (MCS4)	8.14	11.00	-2.86
	5320	64	ax (SU) (20MHz)	49/51.6 (MCS4)	5.21	11.00	-5.79
	5270	54	n (40MHz)	81/90 (MCS4)	6.61	11.00	-4.39
	5310	62	n (40MHz)	81/90 (MCS4)	2.90	11.00	-8.10
	5270	54	ax (SU) (40MHz)	98/103.2 (MCS4)	5.25	11.00	-5.75
	5310	62	ax (SU) (40MHz)	98/103.2 (MCS4)	0.45	11.00	-10.55
	5290	58	ac (80MHz)	175.5/195 (MCS4)	-1.21	11.00	-12.21
	5290	58	ax (SU) (80MHz)	204/216.2 (MCS4)	-2.50	11.00	-13.50
Band 2C	5500	100	n (20MHz)	39/43.3 (MCS4)	7.27	11.00	-3.73
	5580	116	n (20MHz)	39/43.3 (MCS4)	9.96	11.00	-1.04
	*5600	120	n (20MHz)	39/43.3 (MCS4)	10.01	11.00	-0.99
	5700	140	n (20MHz)	39/43.3 (MCS4)	6.18	11.00	-4.82
	5720	144	n (20MHz)	39/43.3 (MCS4)	9.69	11.00	-1.32
	5500	100	ax (SU) (20MHz)	49/51.6 (MCS4)	4.81	11.00	-6.19
	5580	116	ax (SU) (20MHz)	49/51.6 (MCS4)	8.61	11.00	-2.39
	*5600	120	ax (SU) (20MHz)	49/51.6 (MCS4)	8.15	11.00	-2.85
	5700	140	ax (SU) (20MHz)	49/51.6 (MCS4)	3.88	11.00	-7.12
	5720	144	ax (SU) (20MHz)	49/51.6 (MCS4)	8.54	11.00	-2.46
	5510	102	n (40MHz)	81/90 (MCS4)	2.73	11.00	-8.27
	5550	110	n (40MHz)	81/90 (MCS4)	5.94	11.00	-5.06
	*5590	118	n (40MHz)	81/90 (MCS4)	6.72	11.00	-4.28
	5670	134	n (40MHz)	81/90 (MCS4)	4.91	11.00	-6.09
	5710	142	n (40MHz)	81/90 (MCS4)	6.69	11.00	-4.31
	5510	102	ax (SU) (40MHz)	98/103.2 (MCS4)	0.80	11.00	-10.20
	5550	110	ax (SU) (40MHz)	98/103.2 (MCS4)	3.95	11.00	-7.05
	*5590	118	ax (SU) (40MHz)	98/103.2 (MCS4)	5.32	11.00	-5.68
	5670	134	ax (SU) (40MHz)	98/103.2 (MCS4)	2.92	11.00	-8.09
	5710	142	ax (SU) (40MHz)	98/103.2 (MCS4)	5.40	11.00	-5.60
	5530	106	ac (80MHz)	175.5/195 (MCS4)	-0.72	11.00	-11.72
	*5610	122	ac (80MHz)	175.5/195 (MCS4)	2.79	11.00	-8.21
	5690	138	ac (80MHz)	175.5/195 (MCS4)	3.81	11.00	-7.19
	5530	106	ax (SU) (80MHz)	204/216.2 (MCS4)	-3.20	11.00	-14.20
	*5610	122	ax (SU) (80MHz)	204/216.2 (MCS4)	0.90	11.00	-10.10
	5690	138	ax (SU) (80MHz)	204/216.2 (MCS4)	2.39	11.00	-8.61
	*5570	114	ac (160MHz)	175.5/195 (MCS4)	-5.78	11.00	-16.78
	*5570	114	ax (SU) (160MHz)	204/216.2 (MCS4)	-7.19	11.00	-18.19

Table 7-219. Power Spectral Density Measurements Antenna 1b (Mid Data Rate)

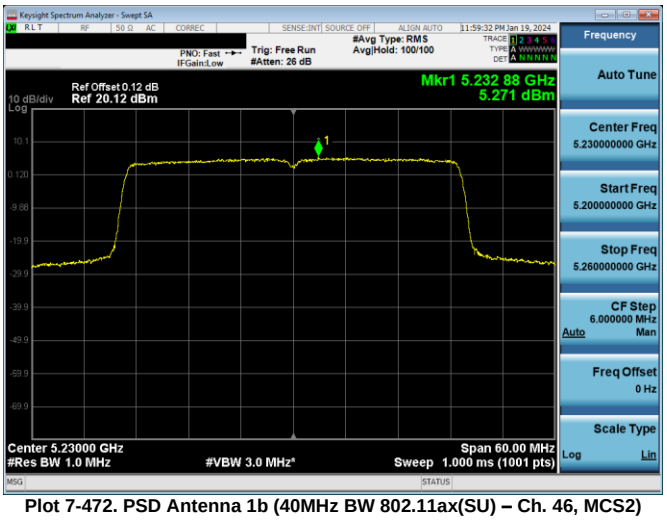
*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	65/72.2 (MCS7)	5.45	11.00	-5.55
	5200	40	n (20MHz)	65/72.2 (MCS7)	8.54	11.00	-2.46
	5240	48	n (20MHz)	65/72.2 (MCS7)	8.69	11.00	-2.31
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	5.17	11.00	-5.84
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	8.22	11.00	-2.79
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	8.60	11.00	-2.40
	5190	38	n (40MHz)	135/150 (MCS7)	1.07	11.00	-9.94
	5230	46	n (40MHz)	135/150 (MCS7)	5.83	11.00	-5.17
	5190	38	ax (SU) (40MHz)	271/286 (MCS11)	0.36	11.00	-10.64
	5230	46	ax (SU) (40MHz)	271/286 (MCS11)	5.92	11.00	-5.08
	5210	42	ac (80MHz)	390/433.3 (MCS9)	-1.92	11.00	-12.92
	5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-2.11	11.00	-13.11
Band 1/2	5250	50	ac (160MHz)	390/433.3 (MCS9)	-6.28	11.00	-17.28
	5250	50	ax (SU) (160MHz)	567/600.5 (MCS11)	-6.84	11.00	-17.84
Band 2A	5260	52	n (20MHz)	65/72.2 (MCS7)	8.78	11.00	-2.22
	5300	60	n (20MHz)	65/72.2 (MCS7)	8.18	11.00	-2.82
	5320	64	n (20MHz)	65/72.2 (MCS7)	5.58	11.00	-5.42
	5260	52	ax (SU) (20MHz)	135/143.4 (MCS11)	8.53	11.00	-2.47
	5300	60	ax (SU) (20MHz)	135/143.4 (MCS11)	7.95	11.00	-3.05
	5320	64	ax (SU) (20MHz)	135/143.4 (MCS11)	4.94	11.00	-6.06
	5270	54	n (40MHz)	135/150 (MCS7)	6.01	11.00	-4.99
	5310	62	n (40MHz)	135/150 (MCS7)	0.32	11.00	-10.68
	5270	54	ax (SU) (40MHz)	271/286 (MCS11)	5.40	11.00	-5.60
	5310	62	ax (SU) (40MHz)	271/286 (MCS11)	0.32	11.00	-10.68
	5290	58	ac (80MHz)	390/433.3 (MCS9)	-2.88	11.00	-13.88
	5290	58	ax (SU) (80MHz)	567/600.5 (MCS11)	-3.59	11.00	-14.59
Band 2C	5500	100	n (20MHz)	65/72.2 (MCS7)	3.91	11.00	-7.09
	5580	116	n (20MHz)	65/72.2 (MCS7)	8.47	11.00	-2.54
	*5600	120	n (20MHz)	65/72.2 (MCS7)	8.73	11.00	-2.27
	5700	140	n (20MHz)	65/72.2 (MCS7)	3.22	11.00	-7.78
	5720	144	n (20MHz)	65/72.2 (MCS7)	8.60	11.00	-2.41
	5500	100	ax (SU) (20MHz)	135/143.4 (MCS11)	3.40	11.00	-7.60
	5580	116	ax (SU) (20MHz)	135/143.4 (MCS11)	8.48	11.00	-2.52
	*5600	120	ax (SU) (20MHz)	135/143.4 (MCS11)	8.45	11.00	-2.55
	5700	140	ax (SU) (20MHz)	135/143.4 (MCS11)	2.46	11.00	-8.54
	5720	144	ax (SU) (20MHz)	135/143.4 (MCS11)	8.31	11.00	-2.69
	5510	102	n (40MHz)	135/150 (MCS7)	-0.81	11.00	-11.81
	5550	110	n (40MHz)	135/150 (MCS7)	4.80	11.00	-6.20
	*5590	118	n (40MHz)	135/150 (MCS7)	5.91	11.00	-5.10
	5670	134	n (40MHz)	135/150 (MCS7)	1.51	11.00	-9.49
	5710	142	n (40MHz)	135/150 (MCS7)	5.43	11.00	-5.57
	5510	102	ax (SU) (40MHz)	271/286 (MCS11)	-1.23	11.00	-12.23
	5550	110	ax (SU) (40MHz)	271/286 (MCS11)	3.46	11.00	-7.54
	*5590	118	ax (SU) (40MHz)	271/286 (MCS11)	5.35	11.00	-5.65
	5670	134	ax (SU) (40MHz)	271/286 (MCS11)	0.95	11.00	-10.05
	5710	142	ax (SU) (40MHz)	271/286 (MCS11)	5.13	11.00	-5.87
	5530	106	ac (80MHz)	390/433.3 (MCS9)	-3.43	11.00	-14.43
	*5610	122	ac (80MHz)	390/433.3 (MCS9)	0.19	11.00	-10.81
	5690	138	ac (80MHz)	390/433.3 (MCS9)	2.38	11.00	-8.62
	5530	106	ax (SU) (80MHz)	567/600.5 (MCS11)	-3.94	11.00	-14.94
	*5610	122	ax (SU) (80MHz)	567/600.5 (MCS11)	-0.25	11.00	-11.25
	5690	138	ax (SU) (80MHz)	567/600.5 (MCS11)	2.64	11.00	-8.36
	*5570	114	ac (160MHz)	390/433.3 (MCS9)	-7.75	11.00	-18.75
	*5570	114	ax (SU) (160MHz)	567/600.5 (MCS11)	-8.65	11.00	-19.65

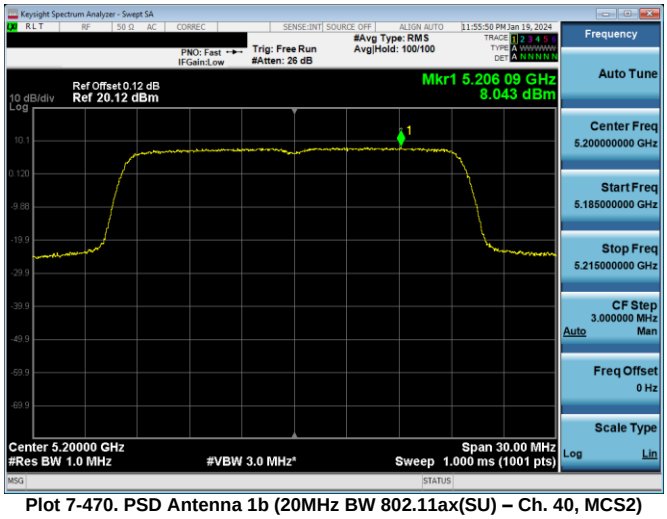
Table 7-220. Power Spectral Density Measurements Antenna 1b (High Data Rate)

*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

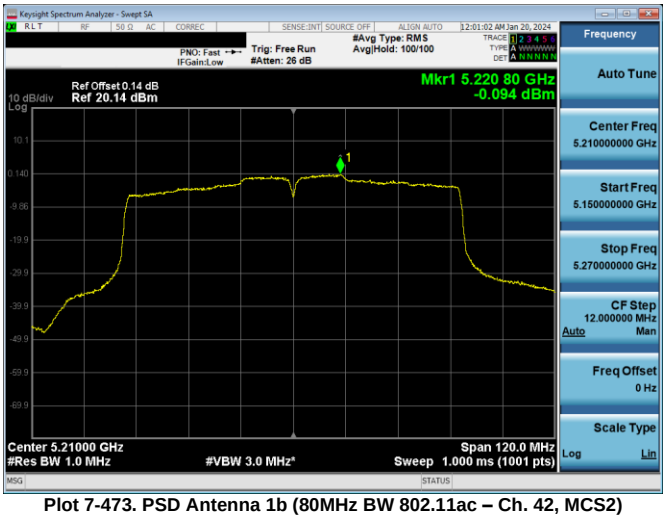
Plot 7-469. PSD Antenna 1b (20MHz BW 802.11n – Ch. 40, MCS2)



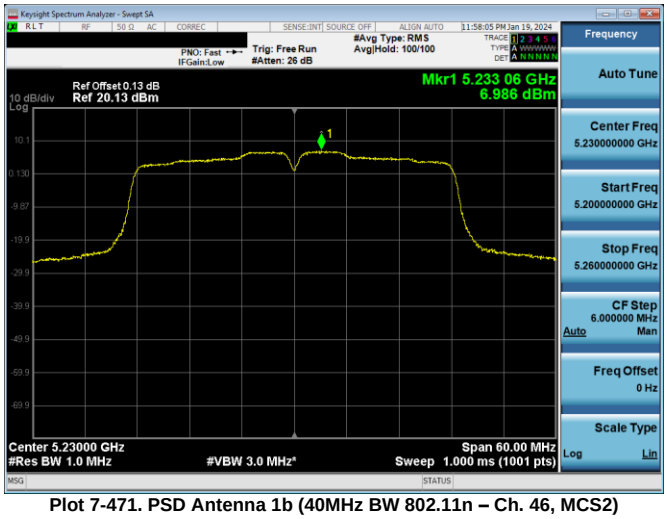
Plot 7-472. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 46, MCS2)



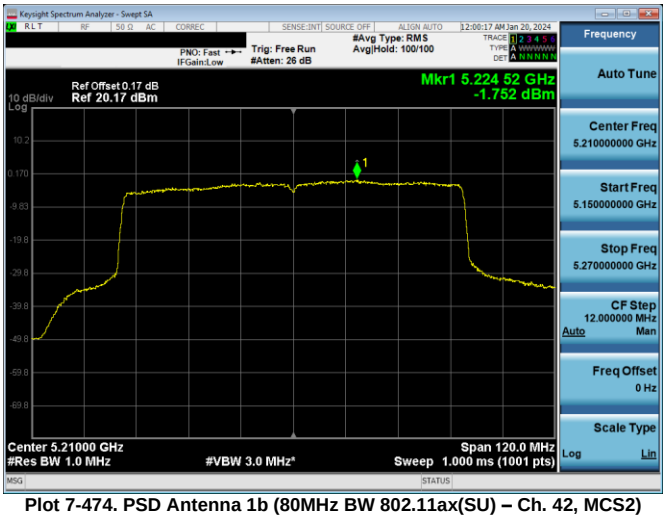
Plot 7-470. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 40, MCS2)



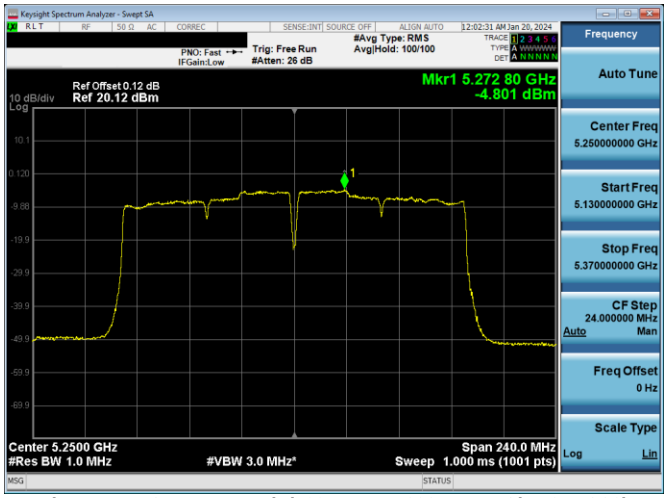
Plot 7-473. PSD Antenna 1b (80MHz BW 802.11ac – Ch. 42, MCS2)



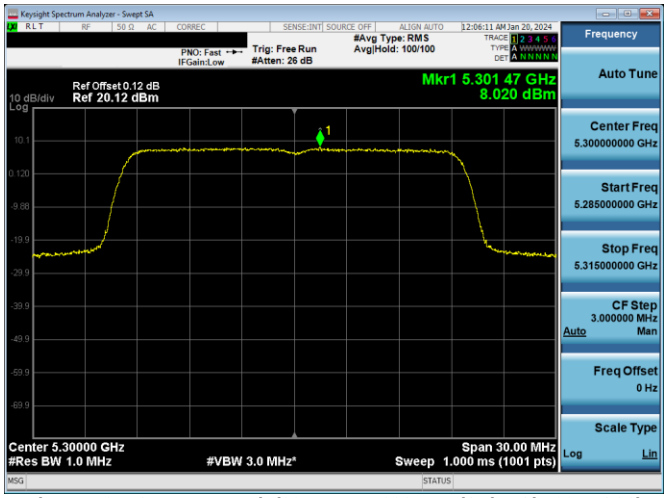
Plot 7-471. PSD Antenna 1b (40MHz BW 802.11n – Ch. 46, MCS2)



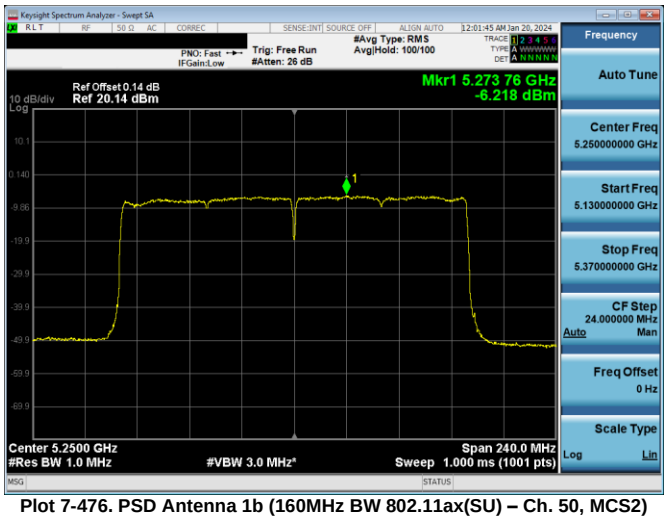
Plot 7-474. PSD Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 42, MCS2)



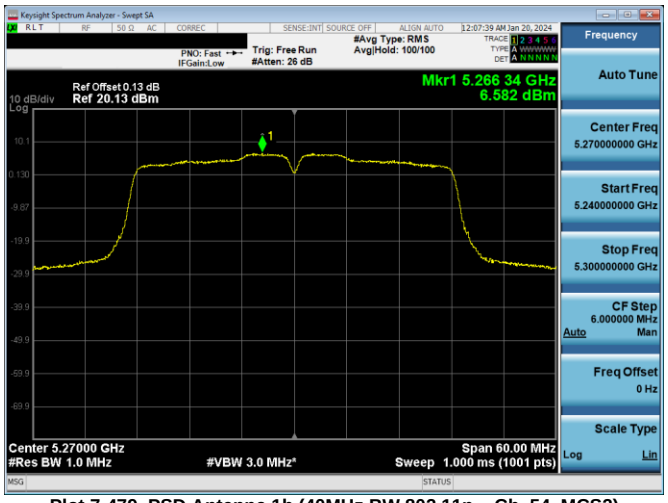
Plot 7-475. PSD Antenna 1b (160MHz BW 802.11ac – Ch. 50, MCS2)



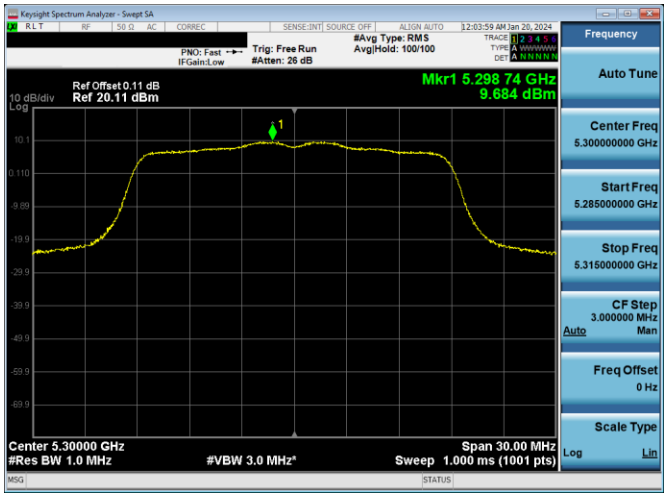
Plot 7-478. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 60, MCS2)



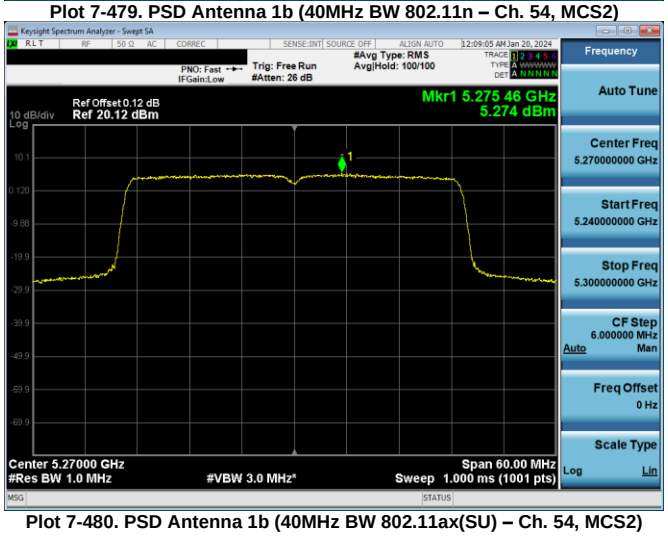
Plot 7-476. PSD Antenna 1b (160MHz BW 802.11ax(SU) – Ch. 50, MCS2)



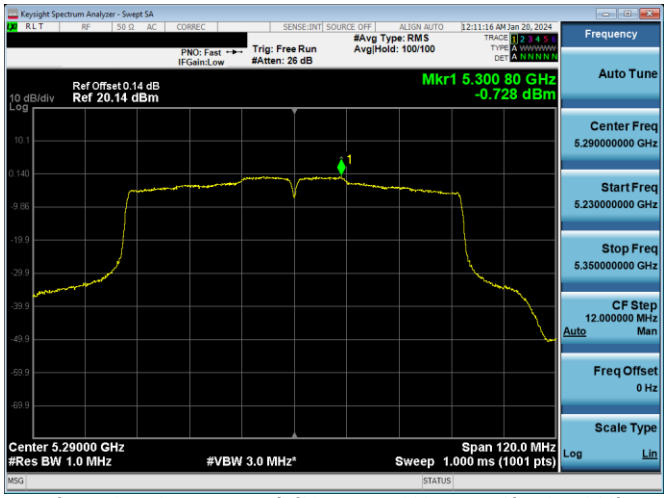
Plot 7-479. PSD Antenna 1b (40MHz BW 802.11n – Ch. 54, MCS2)



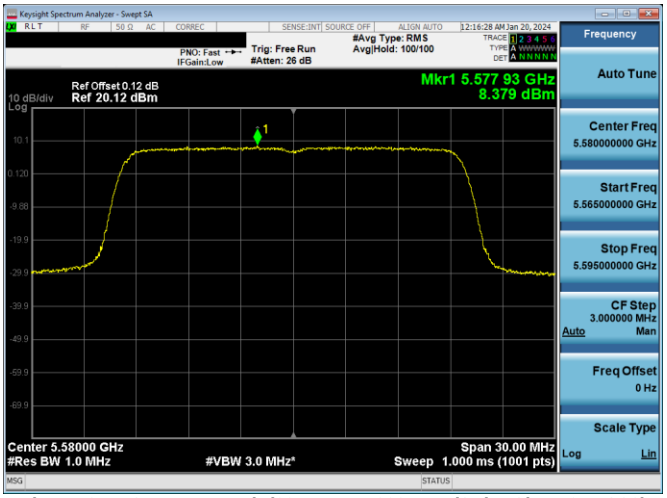
Plot 7-477. PSD Antenna 1b (20MHz BW 802.11n – Ch. 60, MCS2)



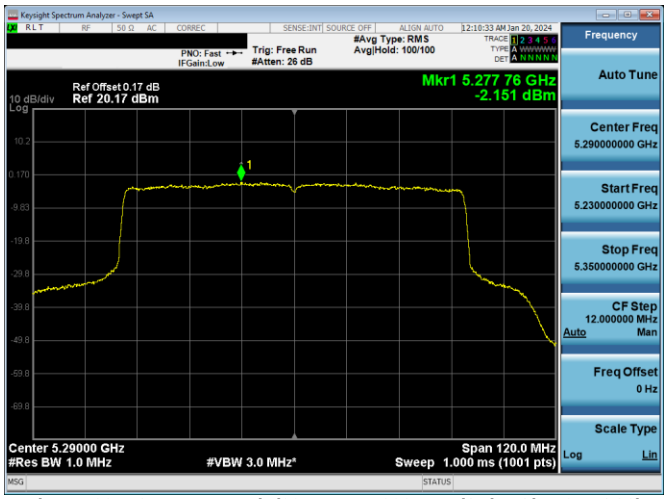
Plot 7-480. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 54, MCS2)



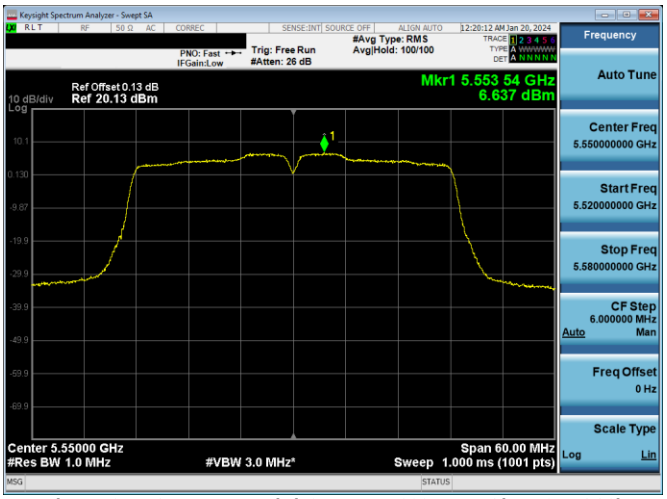
Plot 7-481. PSD Antenna 1b (80MHz BW 802.11ac – Ch. 58, MCS2)



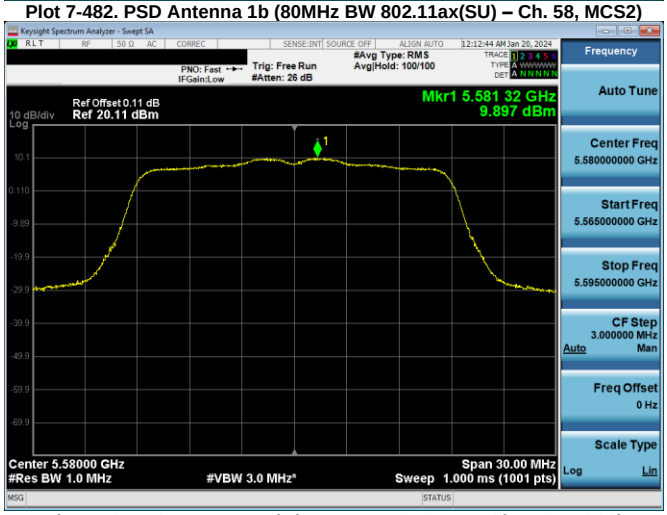
Plot 7-484. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 116, MCS2)



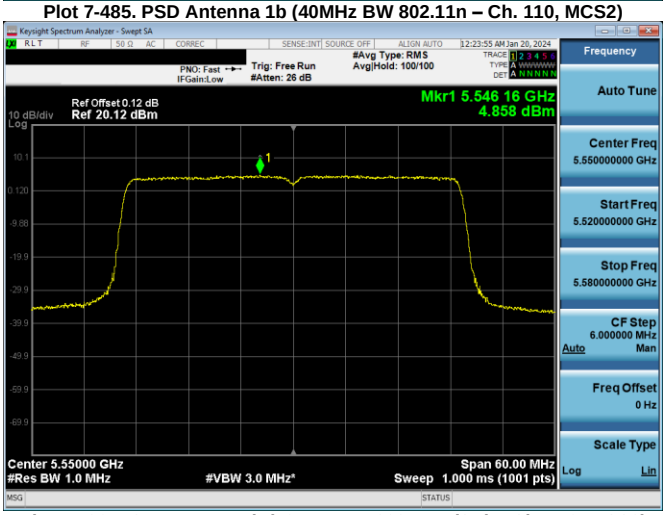
Plot 7-482. PSD Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 58, MCS2)



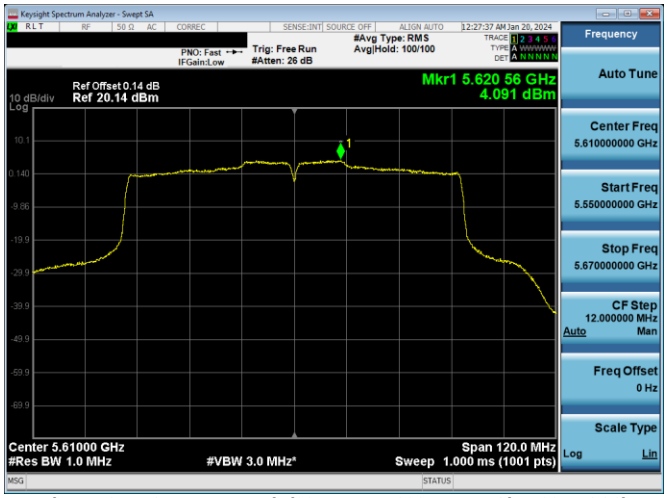
Plot 7-485. PSD Antenna 1b (40MHz BW 802.11n – Ch. 110, MCS2)



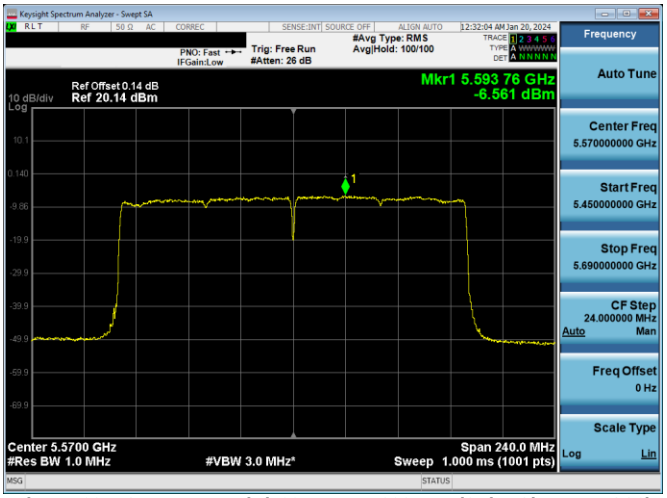
Plot 7-483. PSD Antenna 1b (20MHz BW 802.11n – Ch. 116, MCS2)



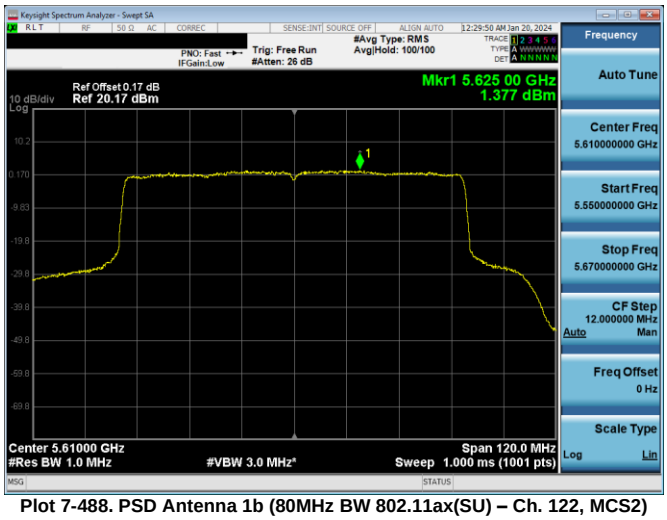
Plot 7-486. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 110, MCS2)



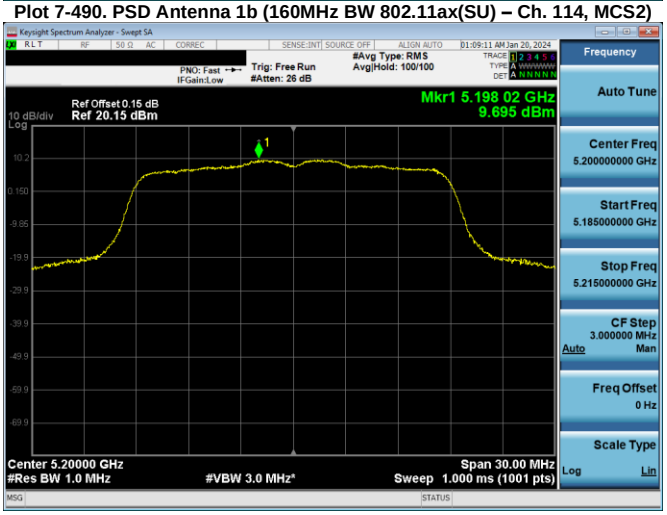
Plot 7-487. PSD Antenna 1b (80MHz BW 802.11ac – Ch. 122, MCS2)



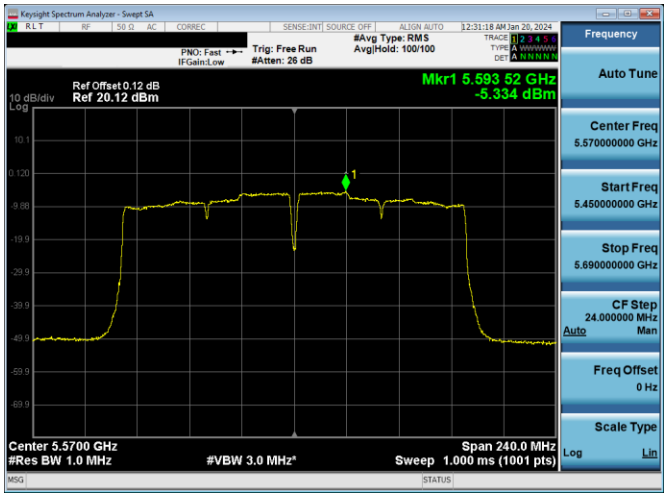
Plot 7-490. PSD Antenna 1b (160MHz BW 802.11ax(SU) – Ch. 114, MCS2)



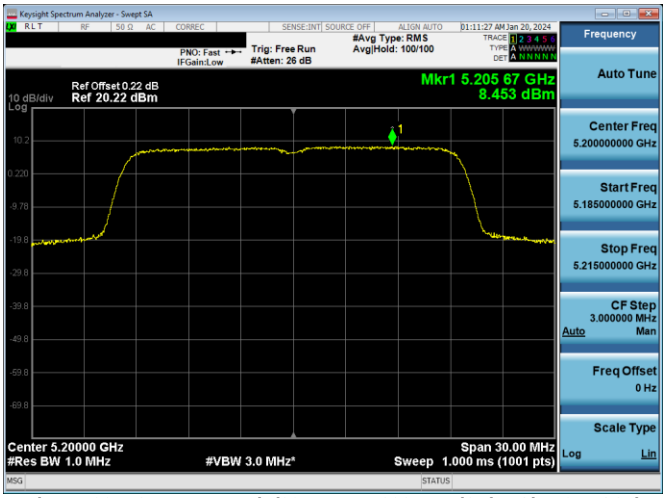
Plot 7-488. PSD Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 122, MCS2)



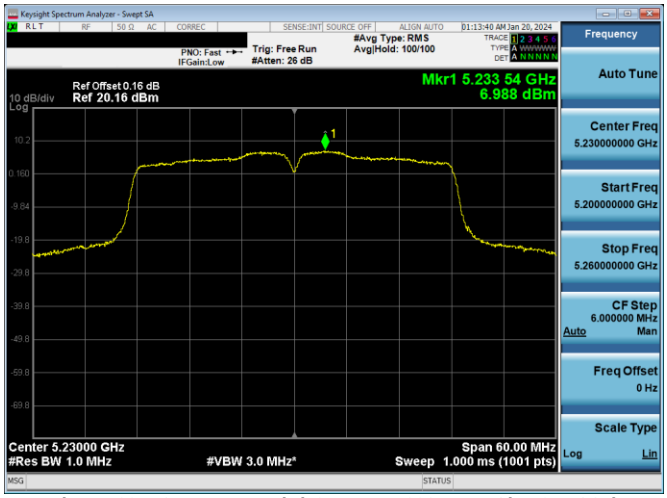
Plot 7-491. PSD Antenna 1b (20MHz BW 802.11n – Ch. 40, MCS4)



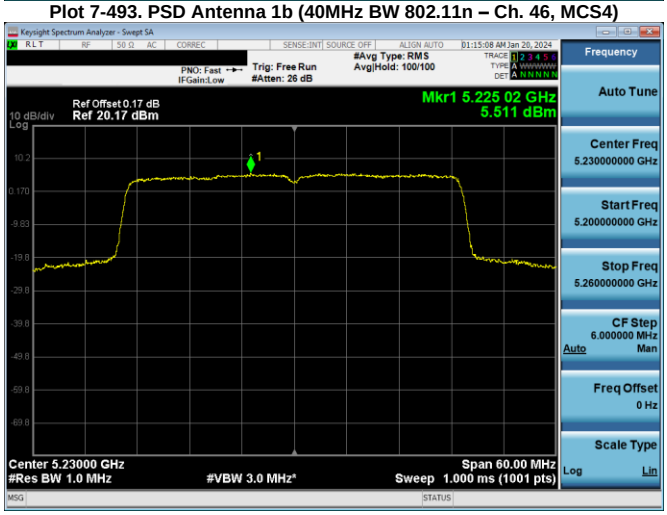
Plot 7-489. PSD Antenna 1b (160MHz BW 802.11ac – Ch. 114, MCS2)



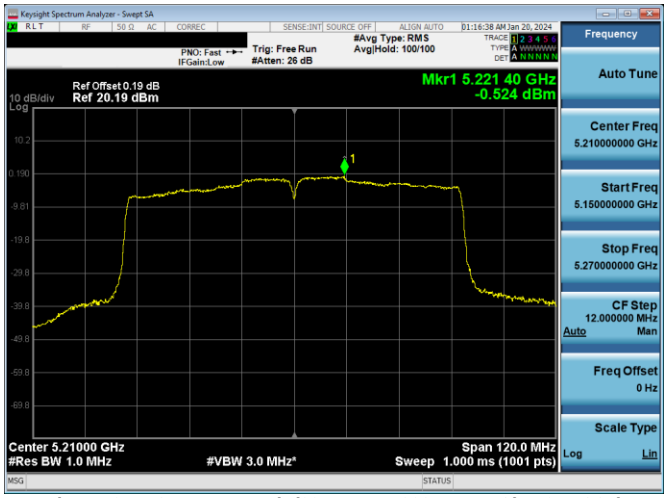
Plot 7-492. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 40, MCS4)



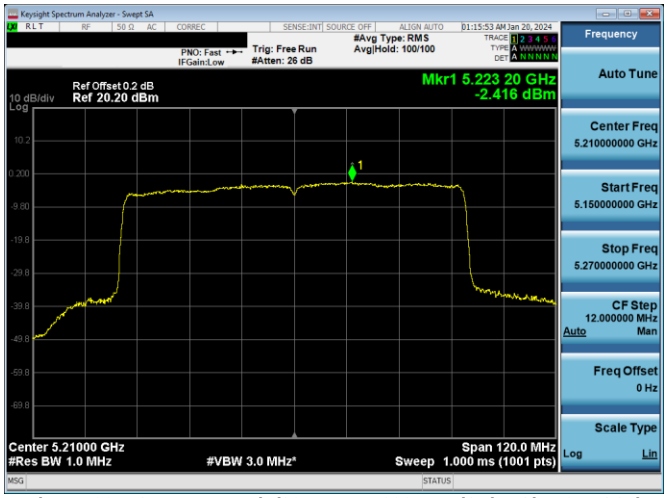
Plot 7-493. PSD Antenna 1b (40MHz BW 802.11n – Ch. 46, MCS4)



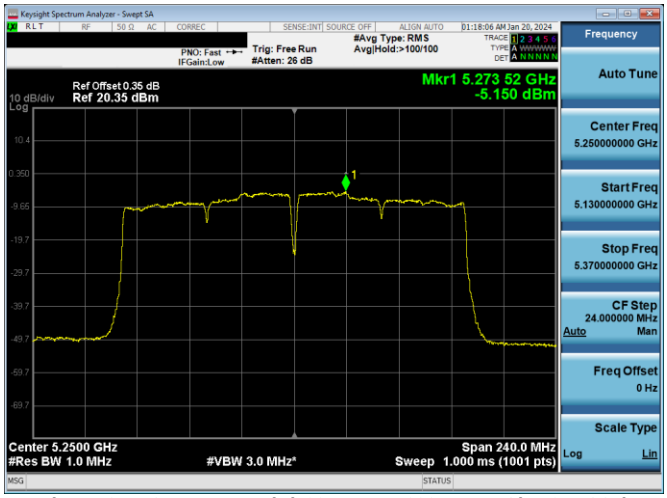
Plot 7-494. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 46, MCS4)



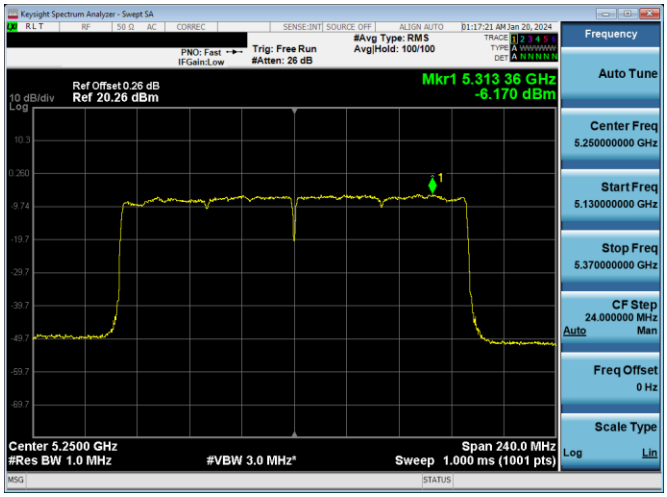
Plot 7-495. PSD Antenna 1b (80MHz BW 802.11ac – Ch. 42, MCS4)



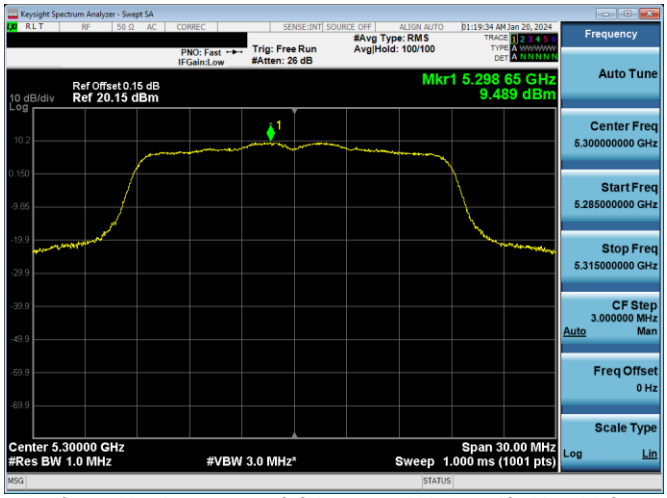
Plot 7-496. PSD Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 42, MCS4)



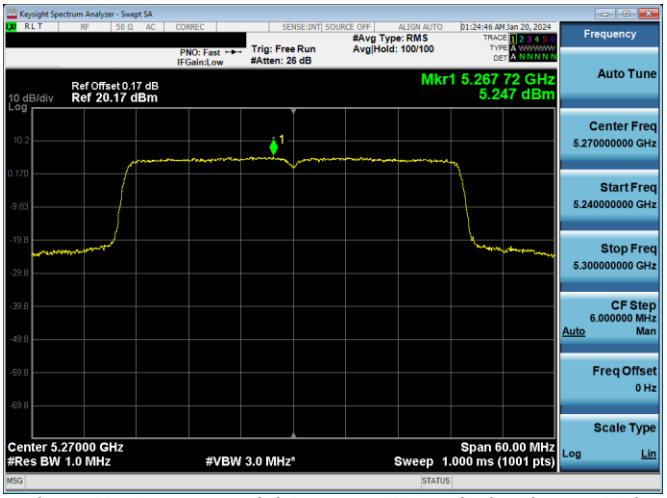
Plot 7-497. PSD Antenna 1b (160MHz BW 802.11ac – Ch. 50, MCS4)



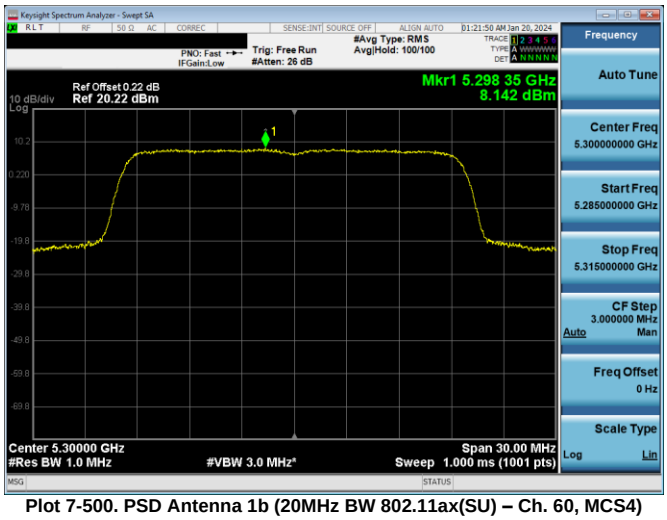
Plot 7-498. PSD Antenna 1b (160MHz BW 802.11ax(SU) – Ch. 50, MCS4)



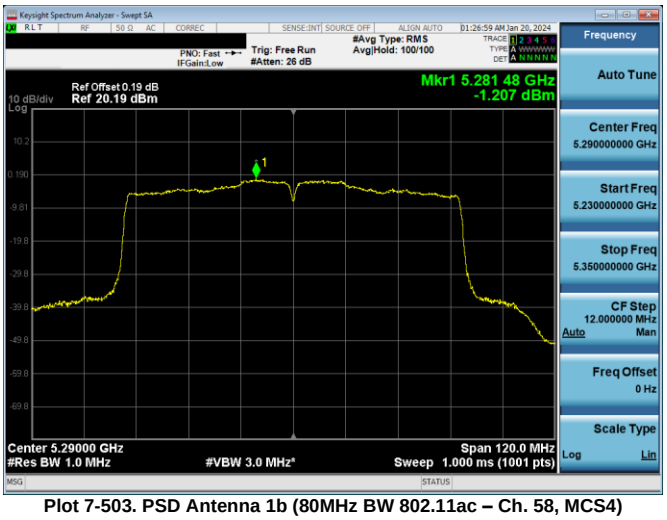
Plot 7-499. PSD Antenna 1b (20MHz BW 802.11n – Ch. 60, MCS4)



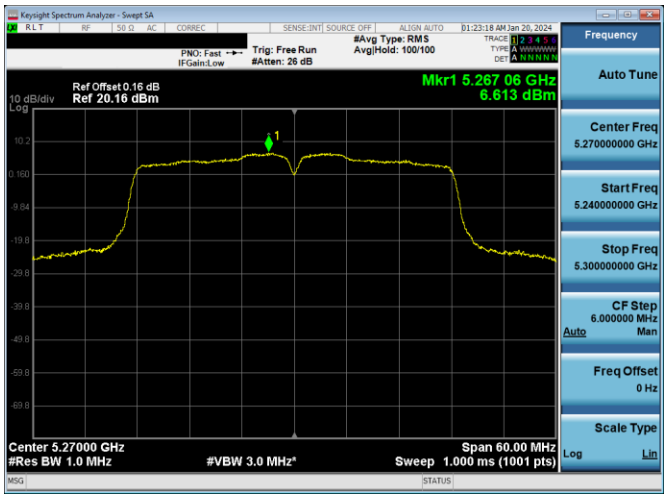
Plot 7-502. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 54, MCS4)



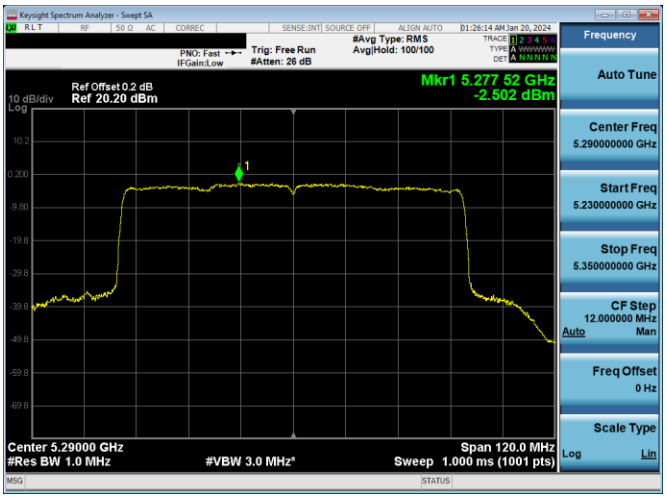
Plot 7-500. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 60, MCS4)



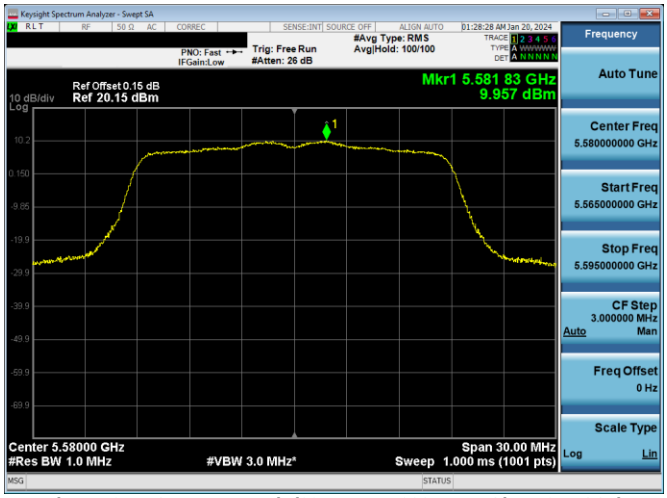
Plot 7-503. PSD Antenna 1b (80MHz BW 802.11ac – Ch. 58, MCS4)



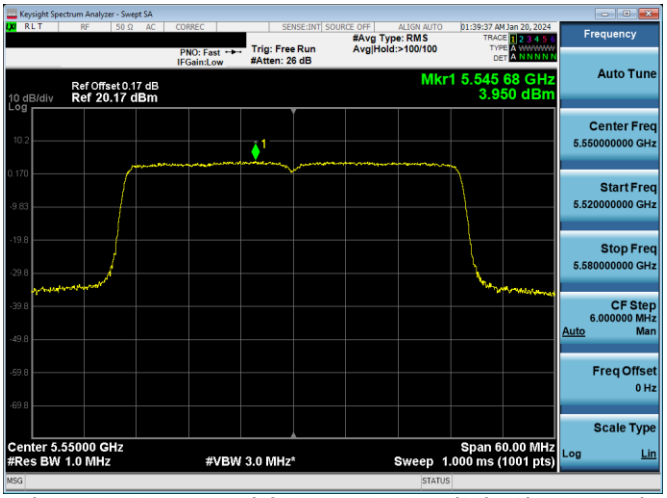
Plot 7-501. PSD Antenna 1b (40MHz BW 802.11n – Ch. 54, MCS4)



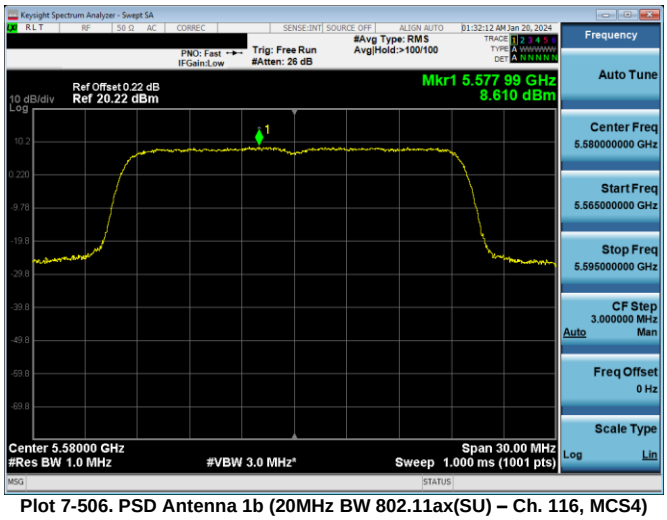
Plot 7-504. PSD Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 58, MCS4)



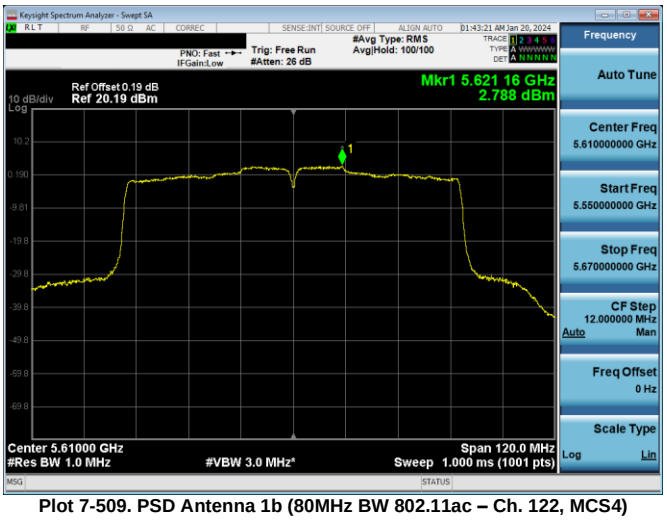
Plot 7-505. PSD Antenna 1b (20MHz BW 802.11n – Ch. 116, MCS4)



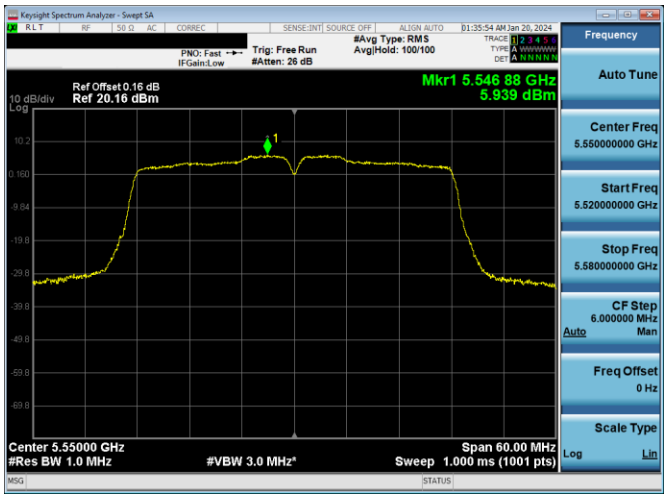
Plot 7-508. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 110, MCS4)



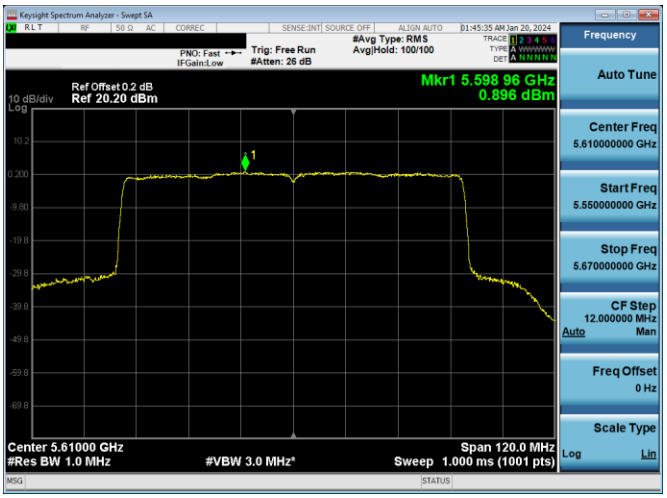
Plot 7-506. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 116, MCS4)



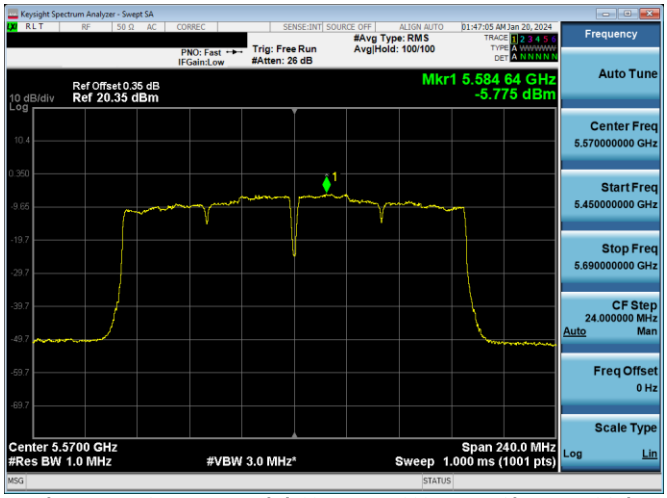
Plot 7-509. PSD Antenna 1b (80MHz BW 802.11ac – Ch. 122, MCS4)



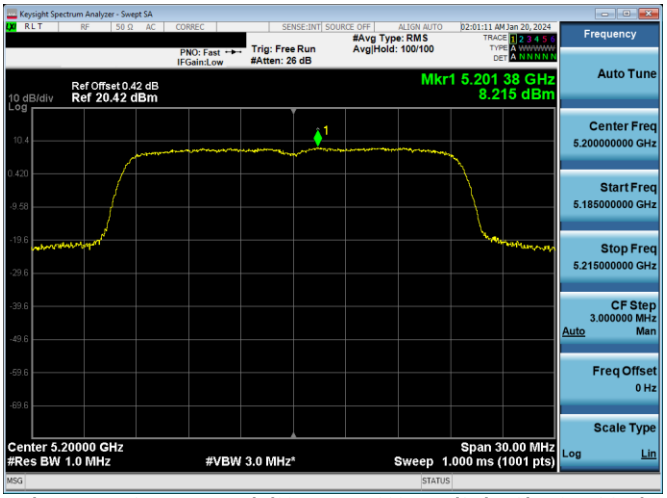
Plot 7-507. PSD Antenna 1b (40MHz BW 802.11n – Ch. 110, MCS4)



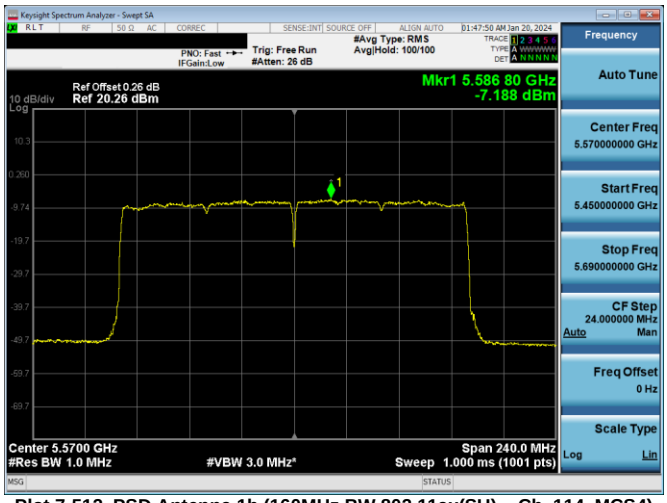
Plot 7-510. PSD Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 122, MCS4)



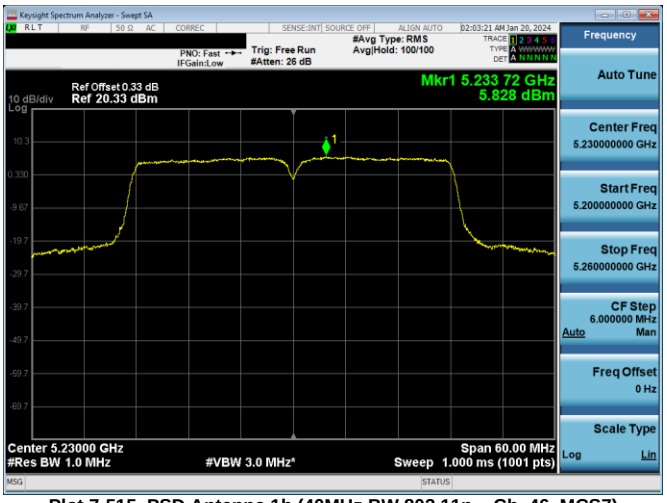
Plot 7-511. PSD Antenna 1b (160MHz BW 802.11ac – Ch. 114, MCS4)



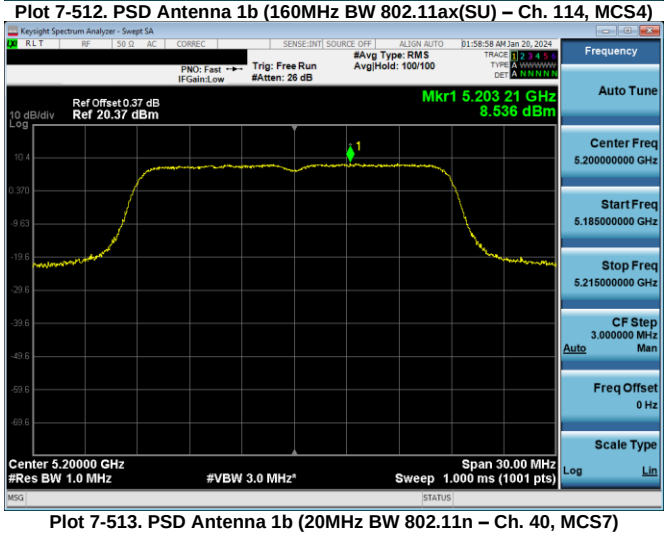
Plot 7-514. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 40, MCS11)



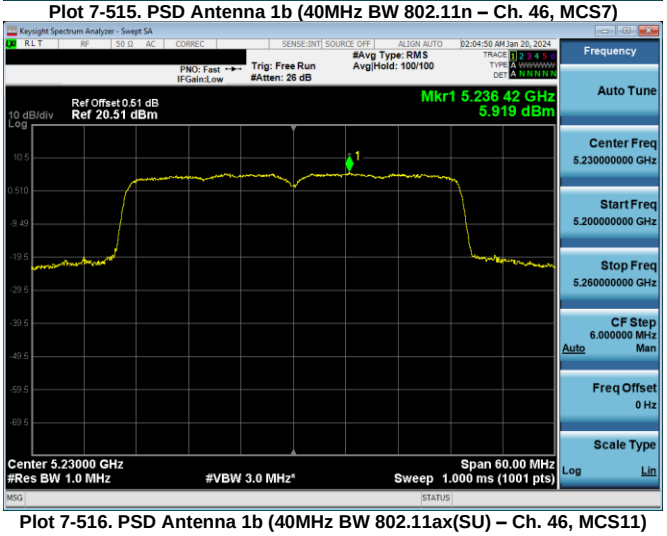
Plot 7-512. PSD Antenna 1b (160MHz BW 802.11ax(SU) – Ch. 114, MCS4)



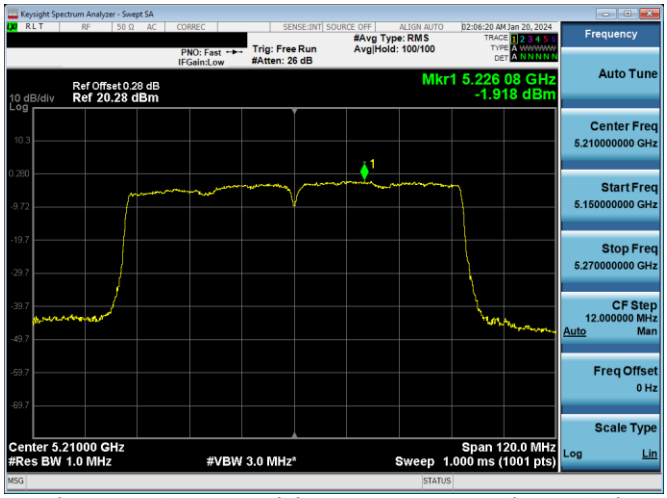
Plot 7-515. PSD Antenna 1b (40MHz BW 802.11n – Ch. 46, MCS7)



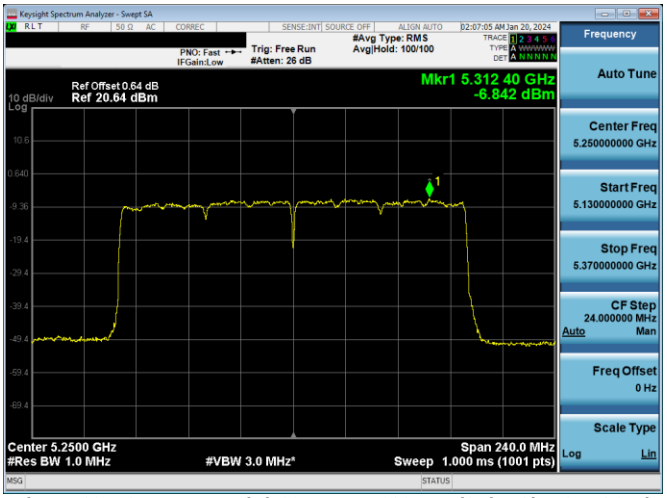
Plot 7-513. PSD Antenna 1b (20MHz BW 802.11n – Ch. 40, MCS7)



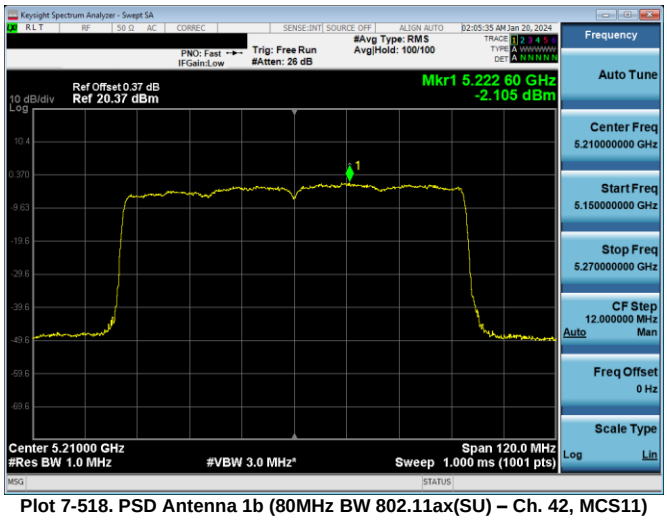
Plot 7-516. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 46, MCS11)



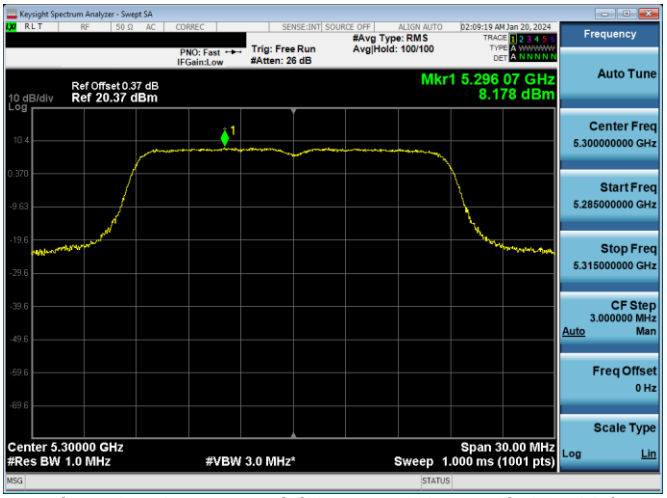
Plot 7-517. PSD Antenna 1b (80MHz BW 802.11ac – Ch. 42, MCS9)



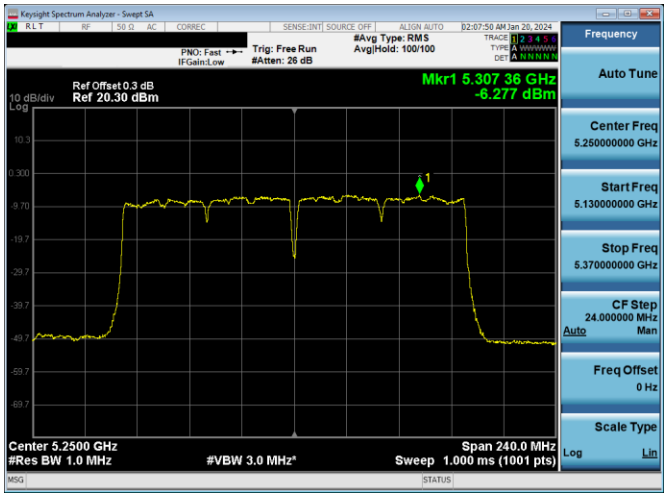
Plot 7-520. PSD Antenna 1b (160MHz BW 802.11ax(SU) – Ch. 50, MCS11)



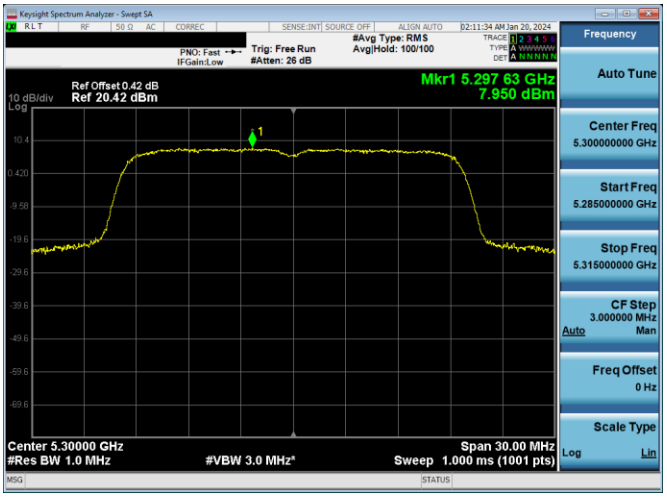
Plot 7-518. PSD Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 42, MCS11)



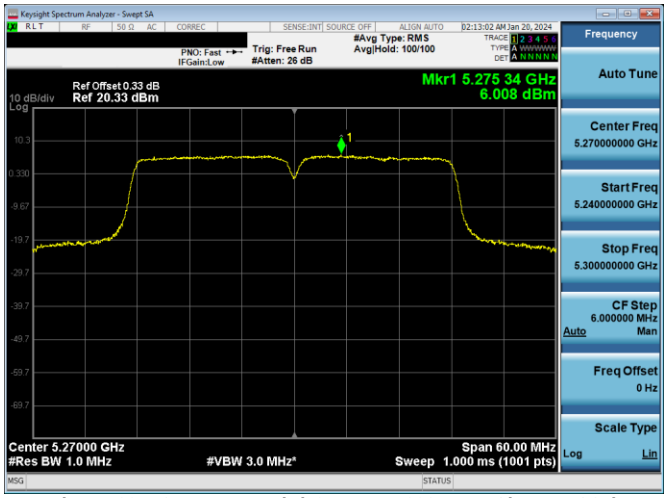
Plot 7-521. PSD Antenna 1b (20MHz BW 802.11n – Ch. 60, MCS7)



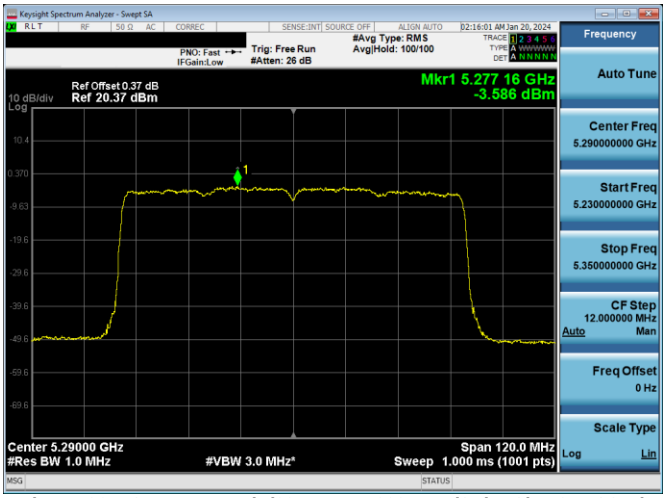
Plot 7-519. PSD Antenna 1b (160MHz BW 802.11ac – Ch. 50, MCS9)



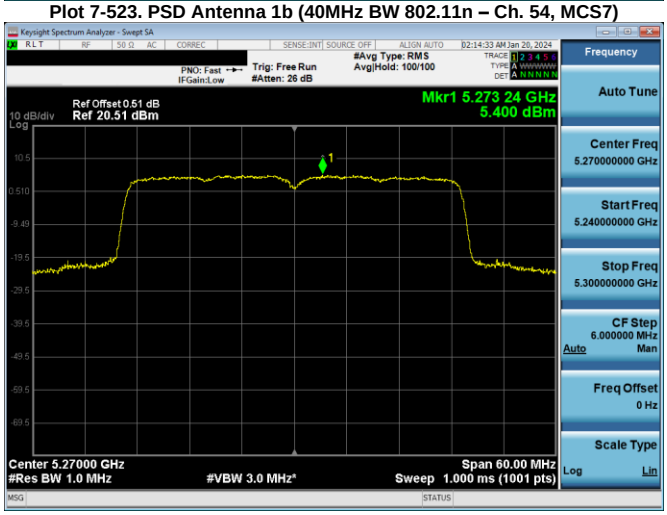
Plot 7-522. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 60, MCS11)



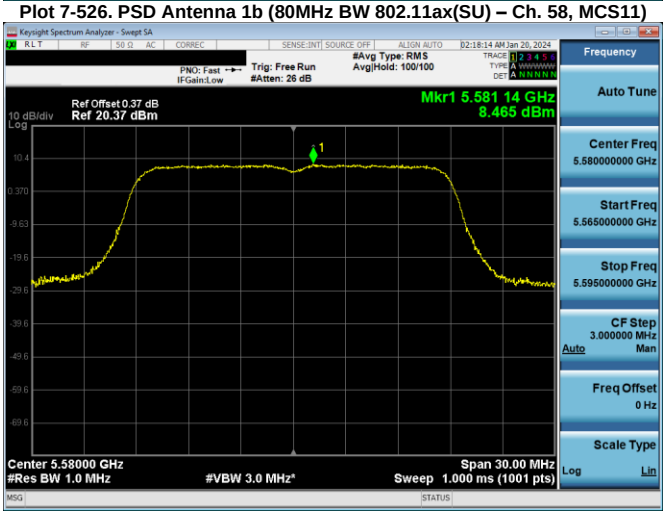
Plot 7-523. PSD Antenna 1b (40MHz BW 802.11n – Ch. 54, MCS7)



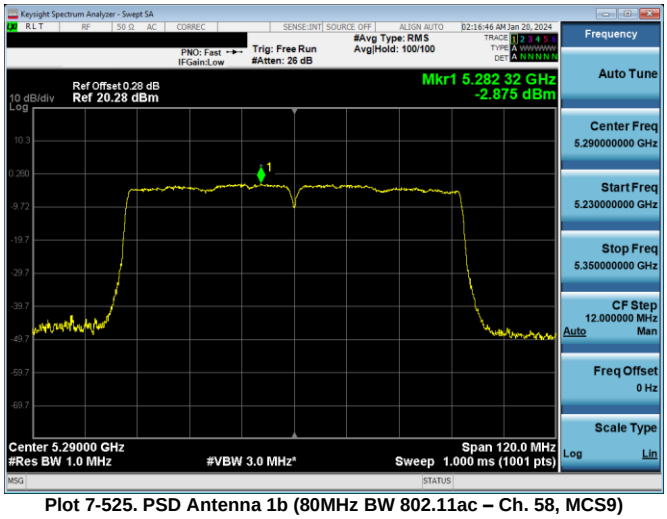
Plot 7-526. PSD Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 58, MCS11)



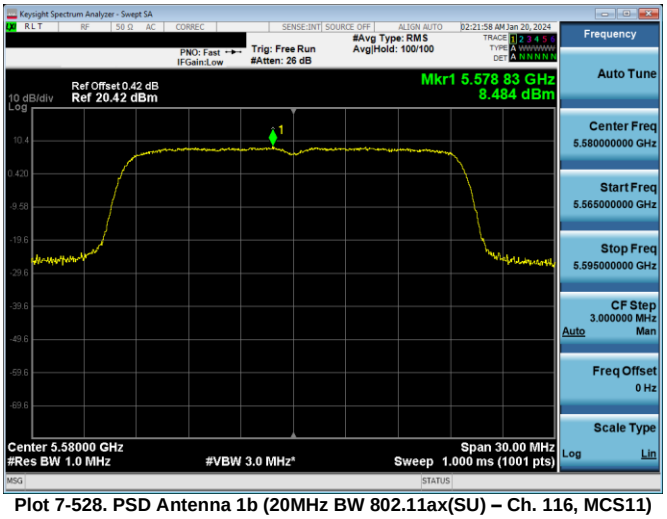
Plot 7-524. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)



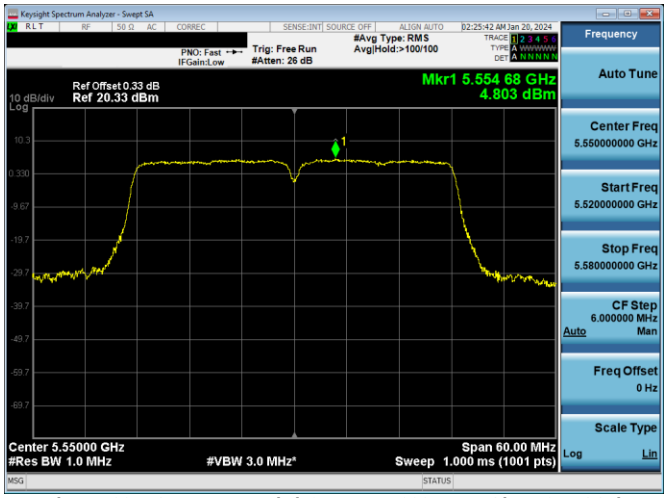
Plot 7-527. PSD Antenna 1b (20MHz BW 802.11n – Ch. 116, MCS7)



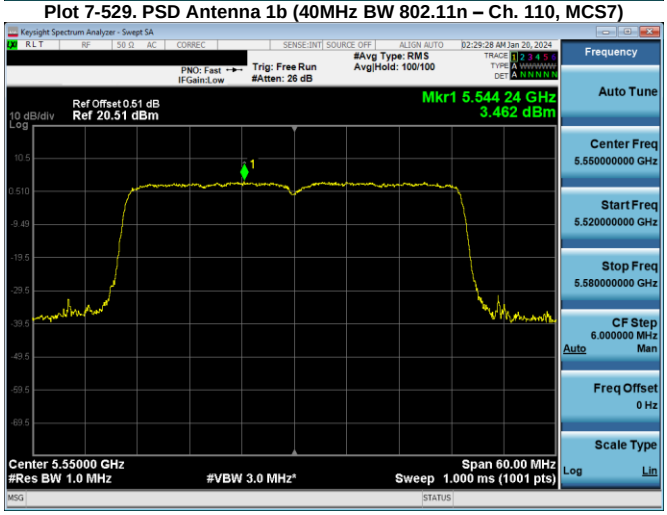
Plot 7-525. PSD Antenna 1b (80MHz BW 802.11ac – Ch. 58, MCS9)



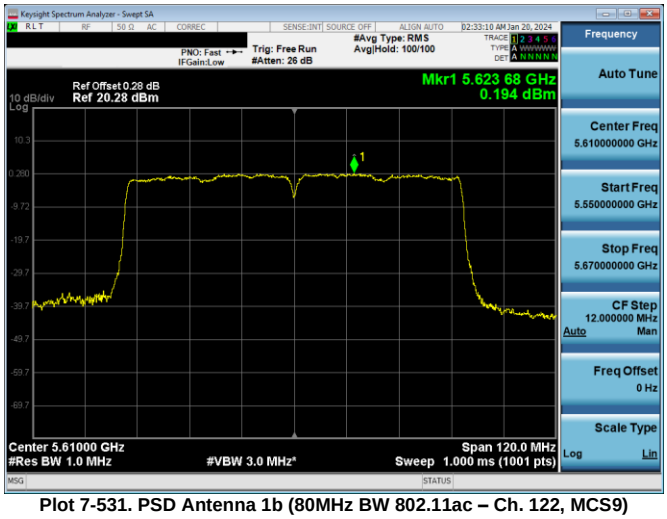
Plot 7-528. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 116, MCS11)



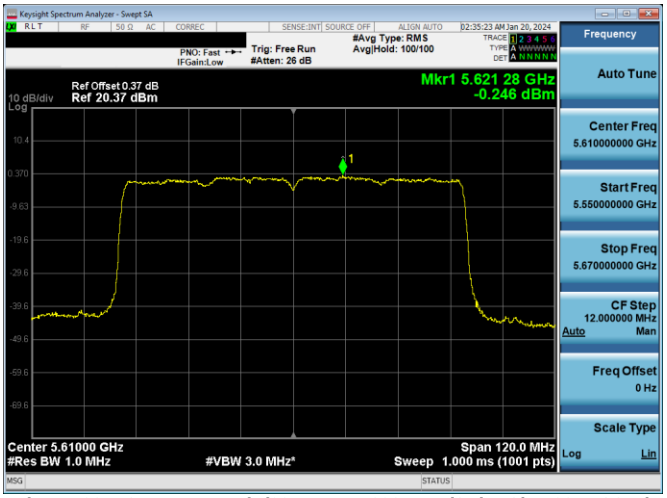
Plot 7-529. PSD Antenna 1b (40MHz BW 802.11n – Ch. 110, MCS7)



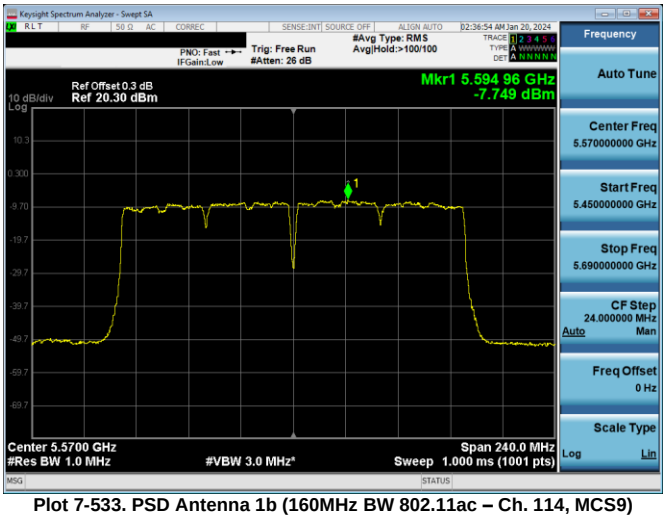
Plot 7-530. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 110, MCS11)



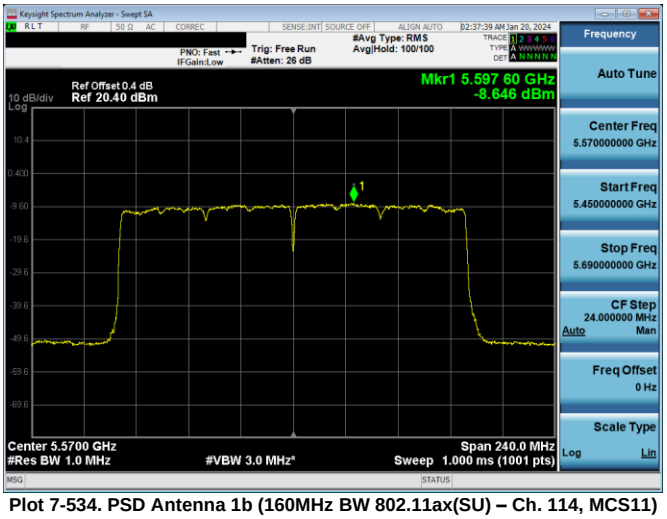
Plot 7-531. PSD Antenna 1b (80MHz BW 802.11ac – Ch. 122, MCS9)



Plot 7-532. PSD Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 122, MCS11)



Plot 7-533. PSD Antenna 1b (160MHz BW 802.11ac – Ch. 114, MCS9)



Plot 7-534. PSD Antenna 1b (160MHz BW 802.11ax(SU) – Ch. 114, MCS11)

	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	19.5/21.7 (MCS2)	7.24	30.0	-22.76
	5785	157	n (20MHz)	19.5/21.7 (MCS2)	6.30	30.0	-23.70
	5825	165	n (20MHz)	19.5/21.7 (MCS2)	6.68	30.0	-23.32
	5745	149	ax (SU) (20MHz)	24/25.8 (MCS2)	5.69	30.0	-24.31
	5785	157	ax (SU) (20MHz)	24/25.8 (MCS2)	5.08	30.0	-24.92
	5825	165	ax (SU) (20MHz)	24/25.8 (MCS2)	5.17	30.0	-24.83
	5755	151	n (40MHz)	40/40.5 (MCS2)	3.79	30.0	-26.21
	5795	159	n (40MHz)	40/40.5 (MCS2)	3.43	30.0	-26.58
	5755	151	ax (SU) (40MHz)	49/51.6 (MCS2)	1.93	30.0	-28.07
	5795	159	ax (SU) (40MHz)	49/51.6 (MCS2)	2.20	30.0	-27.80
	5775	155	ac (80MHz)	87.8/97.5 (MCS2)	0.30	30.0	-29.70
	5775	155	ax (SU) (80MHz)	102/108.1 (MCS2)	-1.92	30.0	-31.92

Table 7-221. Band 3 Power Spectral Density Measurements Antenna 1b (Low Data Rate)

	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	39/43.3 (MCS4)	7.42	30.0	-22.58
	5785	157	n (20MHz)	39/43.3 (MCS4)	6.46	30.0	-23.54
	5825	165	n (20MHz)	39/43.3 (MCS4)	6.74	30.0	-23.26
	5745	149	ax (SU) (20MHz)	49/51.6 (MCS4)	5.84	30.0	-24.16
	5785	157	ax (SU) (20MHz)	49/51.6 (MCS4)	5.23	30.0	-24.77
	5825	165	ax (SU) (20MHz)	49/51.6 (MCS4)	5.42	30.0	-24.58
	5755	151	n (40MHz)	81/90 (MCS4)	3.56	30.0	-26.44
	5795	159	n (40MHz)	81/90 (MCS4)	3.64	30.0	-26.36
	5755	151	ax (SU) (40MHz)	98/103.2 (MCS4)	2.65	30.0	-27.35
	5795	159	ax (SU) (40MHz)	98/103.2 (MCS4)	2.54	30.0	-27.46
	5775	155	ac (80MHz)	175.5/195 (MCS4)	-0.44	30.0	-30.44
	5775	155	ax (SU) (80MHz)	204/216.2 (MCS4)	-2.19	30.0	-32.19

Table 7-222. Band 3 Power Spectral Density Measurements Antenna 1b (Mid Data Rate)

	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	65/72.2 (MCS7)	6.07	30.0	-23.93
	5785	157	n (20MHz)	65/72.2 (MCS7)	5.42	30.0	-24.58
	5825	165	n (20MHz)	65/72.2 (MCS7)	5.88	30.0	-24.12
	5745	149	ax (SU) (20MHz)	135/143.4 (MCS11)	6.18	30.0	-23.82
	5785	157	ax (SU) (20MHz)	135/143.4 (MCS11)	5.48	30.0	-24.52
	5825	165	ax (SU) (20MHz)	135/143.4 (MCS11)	5.66	30.0	-24.34
	5755	151	n (40MHz)	135/150 (MCS7)	2.72	30.0	-27.28
	5795	159	n (40MHz)	135/150 (MCS7)	2.40	30.0	-27.60
	5755	151	ax (SU) (40MHz)	271/286 (MCS11)	2.44	30.0	-27.56
	5795	159	ax (SU) (40MHz)	271/286 (MCS11)	2.47	30.0	-27.53
	5775	155	ac (80MHz)	390/433.3 (MCS9)	-1.95	30.0	-31.95
	5775	155	ax (SU) (80MHz)	567/600.5 (MCS11)	-2.39	30.0	-32.39

Table 7-223. Band 3 Power Spectral Density Measurements Antenna 1b (High Data Rate)