



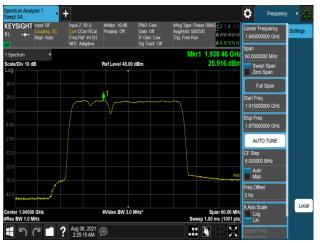
Plot 7-625. Peak Power Spectral Density Plot (B2\_5M+5M+20M\_3C\_16QAM - Low Channel, Port 0)



Plot 7-627. Peak Power Spectral Density Plot (B2\_5M+5M+20M\_3C\_16QAM - Low Channel, Port 2)

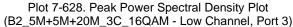


Plot 7-629. Peak Power Spectral Density Plot (B2\_5M+5M+20M\_3C\_16QAM - Mid Channel, Port 0)



Plot 7-626. Peak Power Spectral Density Plot (B2\_5M+5M+20M\_3C\_16QAM - Low Channel, Port 1)







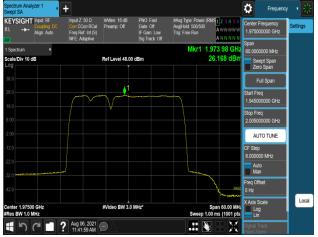
Plot 7-630. Peak Power Spectral Density Plot (B2\_5M+5M+20M\_3C\_16QAM - Mid Channel, Port 1)

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Plot 7-631. Peak Power Spectral Density Plot (B2\_5M+5M+20M\_3C\_16QAM - Mid Channel, Port 2)



Plot 7-633. Peak Power Spectral Density Plot (B2\_5M+5M+20M\_3C\_16QAM – High Channel, Port 0)



Plot 7-635. Peak Power Spectral Density Plot (B2\_5M+5M+20M\_3C\_16QAM – High Channel, Port 2)



Plot 7-632. Peak Power Spectral Density Plot (B2\_5M+5M+20M\_3C\_16QAM - Mid Channel, Port 3)



Plot 7-634. Peak Power Spectral Density Plot (B2\_5M+5M+20M\_3C\_16QAM – High Channel, Port 1)



Plot 7-636. Peak Power Spectral Density Plot (B2\_5M+5M+20M\_3C\_16QAM – High Channel, Port 3)

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Low Channel	Port	QPSK	16QAM	64QAM	256QAM
O a re du atta d	0	34.55	34.96	34.62	34.56
Conducted	1	34.33	34.76	34.36	34.32
Power (dBm/1MHz)	2	34.62	34.93	34.59	34.61
	3	34.56	34.99	34.52	34.66
Total MIMO Conducted Power (mW/1MHz)		11318.66	12393.04	11335.13	11372.55
Total MIMO Conducted Power (dBm/1MHz)		40.54	40.93	40.54	40.56
Ant.	Gain (dBi)	12.50	12.50	12.50	12.50
MIMO EI	RP(dBm/1MHz)	53.04	53.43	53.04	53.06
EIRP Limit(W/1MHz)		1640.00	1640.00	1640.00	1640.00
EIRP Limit(dBm/1MHz)		62.15	62.15	62.15	62.15
Margin (dB)		-9.11	-8.72	-9.10	-9.09
Table 7-117 Peak Power Spectral Density Table (B66, 5M, 1C - Low Channel)					

Table 7-117. Peak Power Spectral Density Table (B66\_5M\_1C - Low Channel)

Mid Channel	Port	QPSK	16QAM	64QAM	256QAM
	0	34.53	34.79	34.58	34.47
Conducted	1	34.37	34.70	34.35	34.33
Power (dBm/1MHz)	2	34.58	34.95	34.58	34.54
	3	34.55	34.95	34.57	34.51
Total MIMO Conducted Power (mW/1MHz)		11292.37	12219.09	11326.36	11171.48
Total MIMO Conducted Power (dBm/1MHz)		40.53	40.87	40.54	40.48
Ant.	Gain (dBi)	12.50	12.50	12.50	12.50
MIMO EI	RP(dBm/1MHz)	53.03	53.37	53.04	52.98
EIRP Limit(W/1MHz)		1640.00	1640.00	1640.00	1640.00
EIRP Limit(dBm/1MHz)		62.15	62.15	62.15	62.15
Margin (dB)		-9.12	-8.78	-9.11	-9.17
Table 7,119, Peak Power Spectral Density Table (B66, 5M, 10, - Mid Channel)					

Table 7-118. Peak Power Spectral Density Table (B66\_5M\_1C - Mid Channel)

Port	QPSK	16QAM	64QAM	256QAM
0	34.67	34.98	34.64	34.57
1	34.43	34.80	34.47	34.40
2	34.55	34.94	34.62	34.54
3	34.62	34.91	34.55	34.56
Total MIMO Conducted Power (mW/1MHz)		12381.19	11462.79	11319.12
Total MIMO Conducted Power (dBm/1MHz)		40.93	40.59	40.54
Gain (dBi)	12.50	12.50	12.50	12.50
RP(dBm/1MHz)	53.09	53.43	53.09	53.04
EIRP Limit(W/1MHz)		1640.00	1640.00	1640.00
EIRP Limit(dBm/1MHz)		62.15	62.15	62.15
Margin (dB)		-8.72	-9.06	-9.11
	0 1 2 3 MO Conducted (mW/1MHz) MO Conducted (dBm/1MHz) Gain (dBi) RP(dBm/1MHz) imit(W/1MHz) nit(dBm/1MHz)	0 34.67   1 34.43   2 34.55   3 34.62   MO Conducted (mW/1MHz) 11453.82   MO Conducted (dBm/1MHz) 40.59   Gain (dBi) 12.50   RP(dBm/1MHz) 53.09   imit(W/1MHz) 1640.00   nit(dBm/1MHz) 62.15	0 34.67 34.98   1 34.43 34.80   2 34.55 34.94   3 34.62 34.91   MO Conducted (mW/1MHz) 11453.82 12381.19   MO Conducted (dBm/1MHz) 40.59 40.93   Gain (dBi) 12.50 12.50   RP(dBm/1MHz) 53.09 <b>53.43</b> imit(W/1MHz) 1640.00 1640.00	0 34.67 34.98 34.64   1 34.43 34.80 34.47   2 34.55 34.94 34.62   3 34.62 34.91 34.55   MO Conducted (mW/1MHz) 11453.82 12381.19 11462.79   MO Conducted (dBm/1MHz) 40.59 40.93 40.59   Gain (dBi) 12.50 12.50 12.50   RP(dBm/1MHz) 53.09 53.43 53.09   imit(W/1MHz) 1640.00 1640.00 1640.00

Table 7-119. Peak Power Spectral Density Table (B66\_5M\_1C - Mid Channel)

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Low Channel	Port	QPSK	16QAM	64QAM	256QAM
	0	32.00	32.32	32.09	32.11
Conducted	1	31.66	32.01	31.69	31.82
Power (dBm/1MHz)	2	31.85	32.33	31.91	31.98
	3	31.96	32.24	32.05	32.06
Total MIMO Conducted Power (mW/1MHz)		6152.65	6681.54	6249.69	6328.52
Total MIMO Conducted Power (dBm/1MHz)		37.89	38.25	37.96	38.01
Ant.	Gain (dBi)	12.50	12.50	12.50	12.50
MIMO EI	RP(dBm/1MHz)	50.39	50.75	50.46	50.51
EIRP Limit(W/1MHz)		1640.00	1640.00	1640.00	1640.00
EIRP Limit(dBm/1MHz)		62.15	62.15	62.15	62.15
Margin (dB)		-11.76	-11.40	-11.69	-11.64
Table 7-120. Peak Power Spectral Density Table (B66, 10M, 1C - Low Channel)					

Table 7-120. Peak Power Spectral Density Table (B66\_10M\_1C - Low Channel)

Mid Channel	Port	QPSK	16QAM	64QAM	256QAM
O a real visit a d	0	31.93	32.07	31.81	31.88
Conducted	1	31.59	32.03	31.65	31.76
Power (dBm/1MHz)	2	31.86	32.28	31.99	32.06
	3	31.76	32.21	31.88	32.07
Total MIMO Conducted Power (mW/1MHz)		6033.57	6557.34	6100.37	6257.23
Total MIMO Conducted Power (dBm/1MHz)		37.81	38.17	37.85	37.96
Ant.	Gain (dBi)	12.50	12.50	12.50	12.50
MIMO EI	RP(dBm/1MHz)	50.31	50.67	50.35	50.46
EIRP Limit(W/1MHz)		1640.00	1640.00	1640.00	1640.00
EIRP Limit(dBm/1MHz)		62.15	62.15	62.15	62.15
Margin (dB)		-11.84	-11.48	-11.79	-11.68
Table 7-121 Peak Power Spectral Density Table (B66, 10M, 10 - Mid Channel)					

Table 7-121. Peak Power Spectral Density Table (B66\_10M\_1C - Mid Channel)

Port	QPSK	16QAM	64QAM	256QAM
0	31.81	32.25	31.94	32.04
1	31.68	32.04	31.76	31.84
2	31.96	32.37	32.01	32.01
3	31.82	32.14	32.00	32.08
Total MIMO Conducted Power (mW/1MHz)		6641.00	6231.61	6330.72
Total MIMO Conducted Power (dBm/1MHz)		38.22	37.95	38.01
Gain (dBi)	12.50	12.50	12.50	12.50
RP(dBm/1MHz)	50.34	50.72	50.45	50.51
EIRP Limit(W/1MHz)		1640.00	1640.00	1640.00
EIRP Limit(dBm/1MHz)		62.15	62.15	62.15
Margin (dB)		-11.43	-11.70	-11.63
	0 1 2 3 MO Conducted (mW/1MHz) MO Conducted (dBm/1MHz) Gain (dBi) RP(dBm/1MHz) imit(W/1MHz) nit(dBm/1MHz)	0 31.81   1 31.68   2 31.96   3 31.82   MO Conducted (mW/1MHz) 6082.38   MO Conducted (dBm/1MHz) 37.84   Gain (dBi) 12.50   RP(dBm/1MHz) 50.34   imit(W/1MHz) 1640.00   nit(dBm/1MHz) 62.15	0 31.81 32.25   1 31.68 32.04   2 31.96 32.37   3 31.82 32.14   MO Conducted (mW/1MHz) 6082.38 6641.00   MO Conducted (dBm/1MHz) 37.84 38.22   Gain (dBi) 12.50 12.50   RP(dBm/1MHz) 50.34 50.72   imit(W/1MHz) 1640.00 1640.00	0 31.81 32.25 31.94   1 31.68 32.04 31.76   2 31.96 32.37 32.01   3 31.82 32.14 32.00   MO Conducted (mW/1MHz) 6082.38 6641.00 6231.61   MO Conducted (dBm/1MHz) 37.84 38.22 37.95   Gain (dBi) 12.50 12.50 12.50   RP(dBm/1MHz) 50.34 <b>50.72</b> 50.45   imit(W/1MHz) 1640.00 1640.00 1640.00

Table 7-122. Peak Power Spectral Density Table (B66\_10M\_1C - Mid Channel)

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Low Channel	Dort		160 4 14				
Low Channel	Port	QPSK	16QAM	64QAM	256QAM		
Conductod	0	30.05	30.76	30.10	30.17		
Conducted Power	1	29.78	30.60	29.87	30.02		
(dBm/1MHz)	2	30.02	30.84	30.20	30.11		
	3	30.09	30.99	30.09	30.06		
Total MIMO Conducted Power (mW/1MHz)		3988.27	4806.91	4059.31	4086.23		
Total MIMO Conducted Power (dBm/1MHz)		36.01	36.82	36.08	36.11		
Ant.	Gain (dBi)	12.50	12.50	12.50	12.50		
MIMO EI	RP(dBm/1MHz)	48.51	49.32	48.58	48.61		
EIRP Limit(W/1MHz)		1640.00	1640.00	1640.00	1640.00		
EIRP Limit(dBm/1MHz)		62.15	62.15	62.15	62.15		
Margin (dB)		-13.64	-12.83	-13.56	-13.54		
Та	Table 7-123 Peak Power Spectral Density Table (B66, 15M, 1C - Low Channel)						

Table 7-123. Peak Power Spectral Density Table (B66\_15M\_1C - Low Channel)

Mid Channel	Port	QPSK	16QAM	64QAM	256QAM
	0	29.95	30.81	30.03	29.88
Conducted	1	29.79	30.67	29.90	29.81
Power (dBm/1MHz)	2	30.09	30.96	30.26	30.08
	3	29.97	30.79	30.09	30.16
Total MIMO Conducted Power (mW/1MHz)		3954.54	4816.25	4067.07	3987.93
Total MIMO Conducted Power (dBm/1MHz)		35.97	36.83	36.09	36.01
Ant.	. Gain (dBi)	12.50	12.50	12.50	12.50
MIMO EI	RP(dBm/1MHz)	48.47	49.33	48.59	48.51
EIRP Limit(W/1MHz)		1640.00	1640.00	1640.00	1640.00
EIRP Limit(dBm/1MHz)		62.15	62.15	62.15	62.15
Margin (dB)		-13.68	-12.82	-13.56	-13.64
Table 7-124 Reak Rower Spectral Density Table (B66, 15M, 10 - Mid Channel)					

Table 7-124. Peak Power Spectral Density Table (B66\_15M\_1C - Mid Channel)

Port	QPSK	16QAM	64QAM	256QAM
0	30.17	30.97	30.15	30.12
1	29.95	30.87	30.01	30.03
2	30.20	31.01	30.17	30.22
3	30.10	31.03	30.18	30.18
Total MIMO Conducted Power (mW/1MHz)		5003.56	4121.11	4128.74
Total MIMO Conducted Power (dBm/1MHz)		36.99	36.15	36.16
Gain (dBi)	12.50	12.50	12.50	12.50
RP(dBm/1MHz)	48.62	49.49	48.65	48.66
EIRP Limit(W/1MHz)		1640.00	1640.00	1640.00
EIRP Limit(dBm/1MHz)		62.15	62.15	62.15
rgin (dB)	-13.52	-12.66	-13.50	-13.49
	0 1 2 3 MO Conducted (mW/1MHz) MO Conducted (dBm/1MHz) Gain (dBi) RP(dBm/1MHz) mit(W/1MHz) nit(dBm/1MHz)	0 30.17   1 29.95   2 30.20   3 30.10   MO Conducted (mW/1MHz) 4097.25   MO Conducted (dBm/1MHz) 36.12   Gain (dBi) 12.50   RP(dBm/1MHz) 48.62   imit(W/1MHz) 1640.00   hit(dBm/1MHz) 62.15	0 30.17 30.97   1 29.95 30.87   2 30.20 31.01   3 30.10 31.03   MO Conducted (mW/1MHz) 4097.25 5003.56   MO Conducted (dBm/1MHz) 36.12 36.99   Gain (dBi) 12.50 12.50   RP(dBm/1MHz) 48.62 49.49   imit(W/1MHz) 1640.00 1640.00	0 30.17 30.97 30.15   1 29.95 30.87 30.01   2 30.20 31.01 30.17   3 30.10 31.03 30.18   MO Conducted (mW/1MHz) 4097.25 5003.56 4121.11   MO Conducted (dBm/1MHz) 36.12 36.99 36.15   Gain (dBi) 12.50 12.50 12.50   RP(dBm/1MHz) 48.62 <b>49.49</b> 48.65   imit(W/1MHz) 1640.00 1640.00 1640.00   httds://dBm/1MHz) 62.15 62.15 62.15

Table 7-125. Peak Power Spectral Density Table (B66\_15M\_1C - Mid Channel)

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Low Channel	Port	QPSK	16QAM	64QAM	256QAM	
O a statute d	0	28.83	29.00	28.68	28.68	
Conducted	1	28.56	28.80	28.58	28.53	
Power (dBm/1MHz)	2	28.76	29.22	29.75	28.75	
	3	28.73	29.28	28.83	28.74	
Total MIMO Conducted Power (mW/1MHz)		2982.12	3235.19	3165.94	2947.44	
Total MIMO Conducted Power (dBm/1MHz)		34.75	35.10	35.01	34.69	
Ant. Gain (dBi)		12.50	12.50	12.50	12.50	
MIMO E	IRP(dBm/1MHz)	47.25	47.60	47.51	47.19	
EIRP Limit(W/1MHz)		1640.00	1640.00	1640.00	1640.00	
EIRP Limit(dBm/1MHz)		62.15	62.15	62.15	62.15	
Margin (dB)		-14.90	-14.55	-14.64	-14.95	
Ta	Table 7-126 Peak Power Spectral Density Table (B66, 20M, 1C - Low Channel)					

Table 7-126. Peak Power Spectral Density Table (B66\_20M\_1C - Low Channel)

Mid Channel	Port	QPSK	16QAM	64QAM	256QAM
_	0	28.63	29.01	28.88	28.58
Conducted	1	28.53	29.06	28.62	28.55
Power (dBm/1MHz)	2	28.72	29.24	28.99	28.80
	3	28.64	29.21	28.81	28.68
Total MIMO Conducted Power (mW/1MHz)		2918.00	3273.00	3053.43	2932.72
Total MIMO Conducted Power (dBm/1MHz)		34.65	35.15	34.85	34.67
Ant.	Gain (dBi)	12.50	12.50	12.50	12.50
MIMO EI	RP(dBm/1MHz)	47.15	47.65	47.35	47.17
EIRP Limit(W/1MHz)		1640.00	1640.00	1640.00	1640.00
EIRP Limit(dBm/1MHz)		62.15	62.15	62.15	62.15
Margin (dB)		-15.00	-14.50	-14.80	-14.98
Table 7-127 Beak Power Spectral Density Table (B66, 20M, 1C - Mid Channel)					

Table 7-127. Peak Power Spectral Density Table (B66\_20M\_1C - Mid Channel)

High Channel	Port	QPSK	16QAM	64QAM	256QAM
Conducted	0	28.86	29.39	28.87	29.01
	1	28.75	29.18	28.71	28.89
Power (dBm/1MHz)	2	28.86	29.18	28.91	28.83
	3	28.77	29.33	28.79	28.98
Total MIMO Conducted Power (mW/1MHz)		3039.59	3381.84	3047.73	3123.70
Total MIMO Conducted Power (dBm/1MHz)		34.83	35.29	34.84	34.95
Ant.	Gain (dBi)	12.50	12.50	12.50	12.50
MIMO EI	RP(dBm/1MHz)	47.33	47.79	47.34	47.45
EIRP Limit(W/1MHz)		1640.00	1640.00	1640.00	1640.00
EIRP Limit(dBm/1MHz)		62.15	62.15	62.15	62.15
Ma	argin (dB)	-14.82	-14.36	-14.81	-14.70

Table 7-128. Peak Power Spectral Density Table (B66\_20M\_1C - Mid Channel)

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Plot 7-637. Peak Power Spectral Density Plot (B66\_5M\_1C\_16QAM - Low Channel, Port 0)



Plot 7-639. Peak Power Spectral Density Plot (B66\_5M\_1C\_16QAM - Low Channel, Port 2)



Plot 7-641. Peak Power Spectral Density Plot (B66\_5M\_1C\_16QAM – Mid Channel, Port 0)



Plot 7-638. Peak Power Spectral Density Plot (B66\_5M\_1C\_16QAM - Low Channel, Port 1)



Plot 7-640. Peak Power Spectral Density Plot (B66\_5M\_1C\_16QAM - Low Channel, Port 3)



Plot 7-642. Peak Power Spectral Density Plot (B66\_5M\_1C\_16QAM – Mid Channel, Port 1)

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Plot 7-643. Peak Power Spectral Density Plot (B66\_5M\_1C\_16QAM – Mid Channel, Port 2)



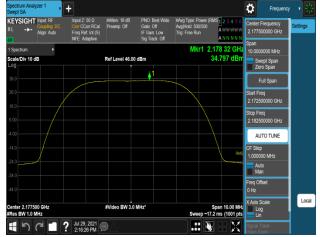
Plot 7-645. Peak Power Spectral Density Plot (B66\_5M\_1C\_16QAM – High Channel, Port 0)

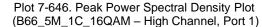


Plot 7-647. Peak Power Spectral Density Plot (B66\_5M\_1C\_16QAM – High Channel, Port 2)



Plot 7-644. Peak Power Spectral Density Plot (B66\_5M\_1C\_16QAM – Mid Channel, Port 3)







Plot 7-648. Peak Power Spectral Density Plot (B66\_5M\_1C\_16QAM – High Channel, Port 3)

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Plot 7-649. Peak Power Spectral Density Plot (B66\_10M\_1C\_256QAM - Low Channel, Port 0)



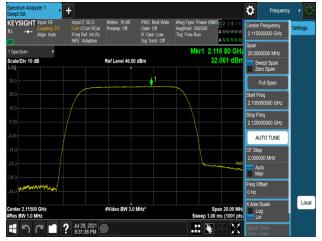
Plot 7-651. Peak Power Spectral Density Plot (B66\_10M\_1C\_256QAM - Low Channel, Port 2)

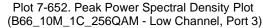


Plot 7-653. Peak Power Spectral Density Plot (B66\_10M\_1C\_16QAM – Mid Channel, Port 0)



Plot 7-650. Peak Power Spectral Density Plot (B66\_10M\_1C\_256QAM - Low Channel, Port 1)



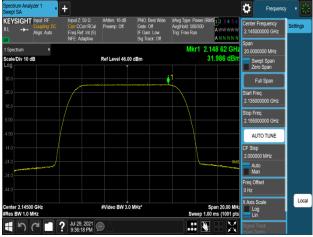




Plot 7-654. Peak Power Spectral Density Plot (B66\_10M\_1C\_16QAM – Mid Channel, Port 1)

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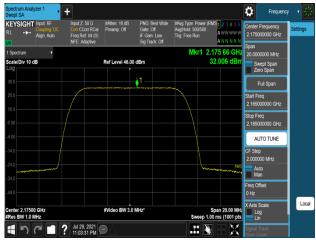




Plot 7-655. Peak Power Spectral Density Plot (B66\_10M\_1C\_16QAM – Mid Channel, Port 2)



Plot 7-657. Peak Power Spectral Density Plot (B66\_10M\_1C\_256QAM - High Channel, Port 0)

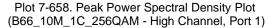


Plot 7-659. Peak Power Spectral Density Plot (B66\_10M\_1C\_256QAM - High Channel, Port 2)



Plot 7-656. Peak Power Spectral Density Plot (B66\_10M\_1C\_16QAM – Mid Channel, Port 3)



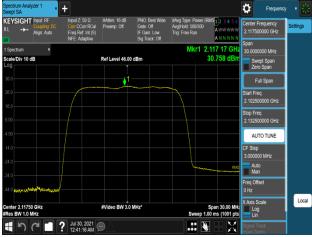




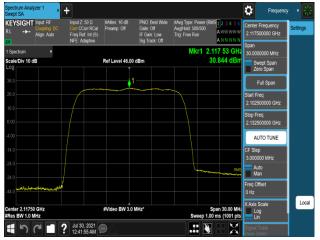
Plot 7-660. Peak Power Spectral Density Plot (B66\_10M\_1C\_256QAM - High Channel, Port 3)

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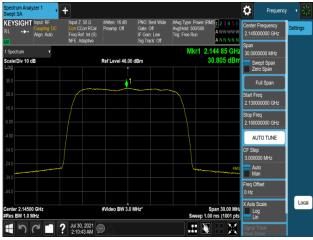




Plot 7-661. Peak Power Spectral Density Plot (B66\_15M\_1C\_16QAM - Low Channel, Port 0)



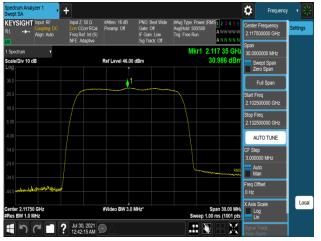
Plot 7-663. Peak Power Spectral Density Plot (B66\_15M\_1C\_16QAM - Low Channel, Port 2)

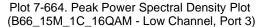


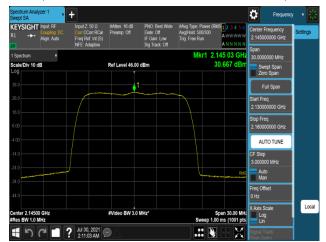
Plot 7-665. Peak Power Spectral Density Plot (B66\_15M\_1C\_16QAM – Mid Channel, Port 0)



Plot 7-662. Peak Power Spectral Density Plot (B66\_15M\_1C\_16QAM - Low Channel, Port 1)







Plot 7-666. Peak Power Spectral Density Plot (B66\_15M\_1C\_16QAM – Mid Channel, Port 1)

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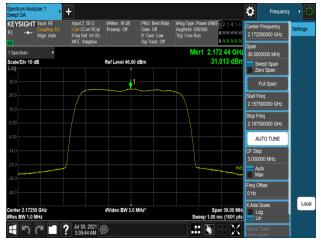




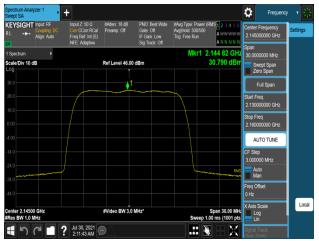
Plot 7-667. Peak Power Spectral Density Plot (B66\_15M\_1C\_16QAM – Mid Channel, Port 2)



Plot 7-669. Peak Power Spectral Density Plot (B66\_15M\_1C\_16QAM – High Channel, Port 0)

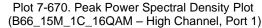


Plot 7-671. Peak Power Spectral Density Plot (B66\_15M\_1C\_16QAM – High Channel, Port 2)



Plot 7-668. Peak Power Spectral Density Plot (B66\_15M\_1C\_16QAM – Mid Channel, Port 3)







Plot 7-672. Peak Power Spectral Density Plot (B66\_15M\_1C\_16QAM – High Channel, Port 3)

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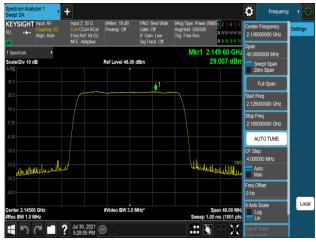




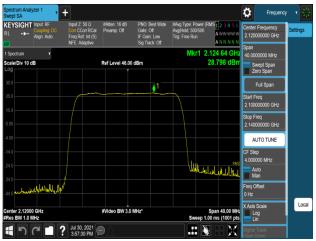
Plot 7-673. Peak Power Spectral Density Plot (B66\_20M\_1C\_16QAM – Mid Channel, Port 2)



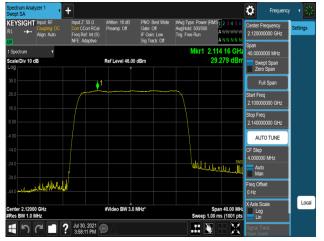
Plot 7-675. Peak Power Spectral Density Plot (B66\_20M\_1C\_16QAM - High Channel, Port 0)



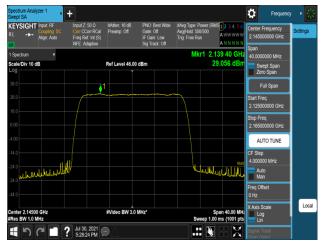
Plot 7-677. Peak Power Spectral Density Plot (B66\_20M\_1C\_16QAM - High Channel, Port 2)



Plot 7-674. Peak Power Spectral Density Plot (B66\_20M\_1C\_16QAM – Mid Channel, Port 3)



Plot 7-676. Peak Power Spectral Density Plot (B66\_20M\_1C\_16QAM - High Channel, Port 1)



Plot 7-678. Peak Power Spectral Density Plot (B66\_20M\_1C\_16QAM - High Channel, Port 3)

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