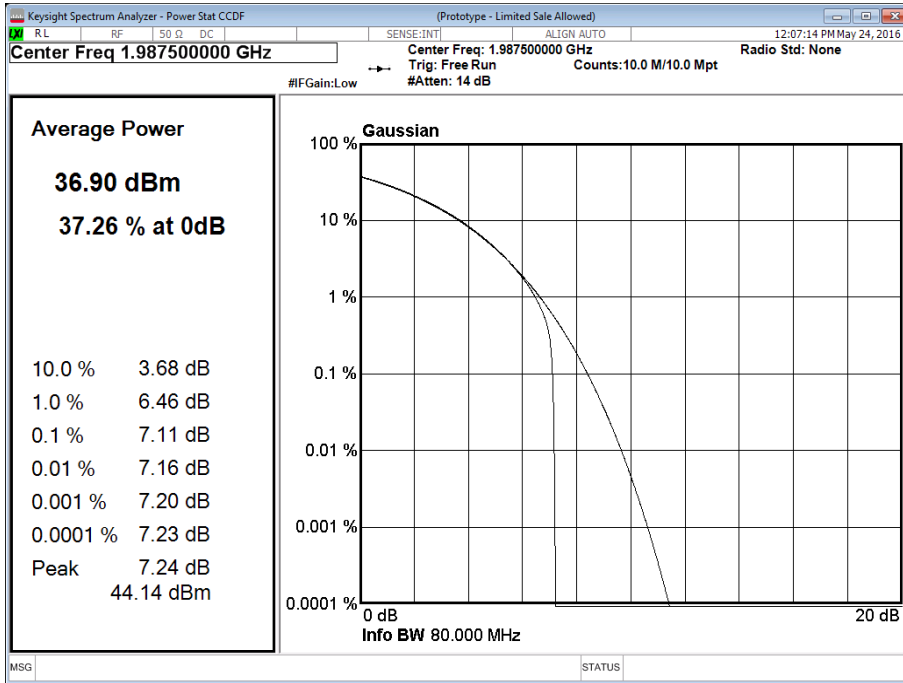
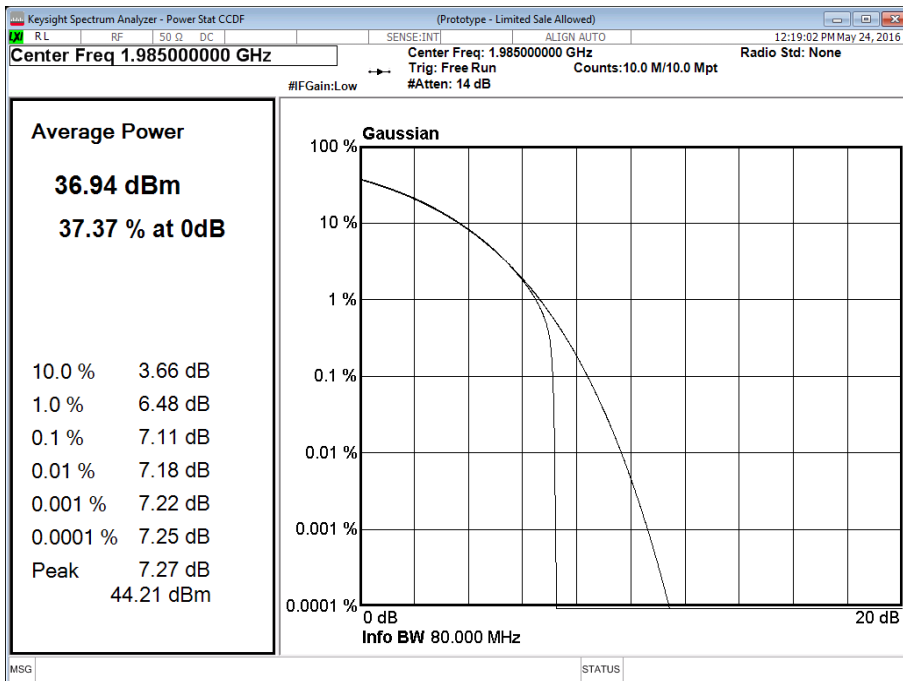


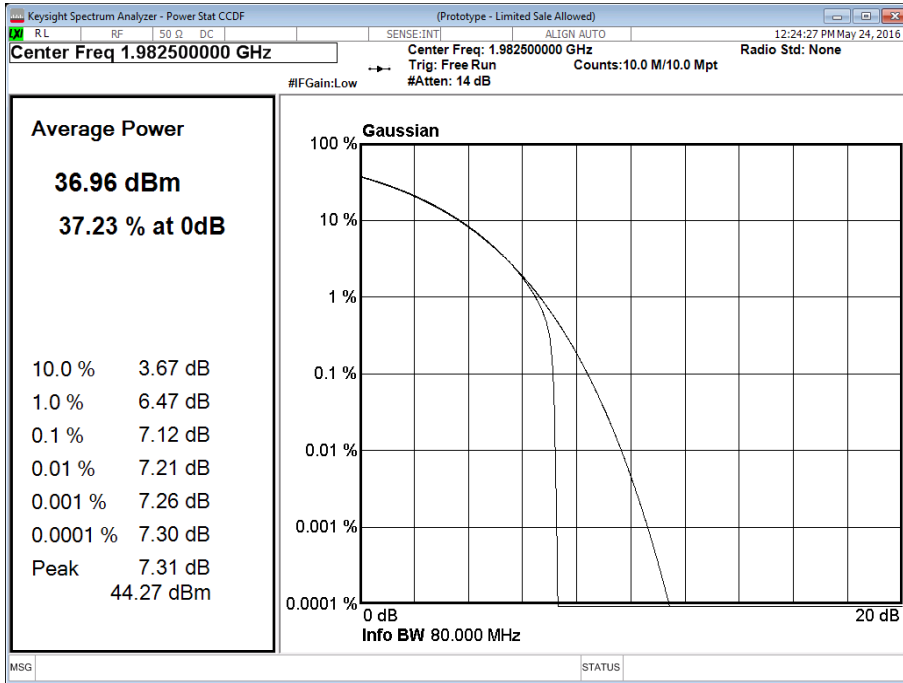
Channel Position T - Bandwidth 5.0 MHz - Antenna B



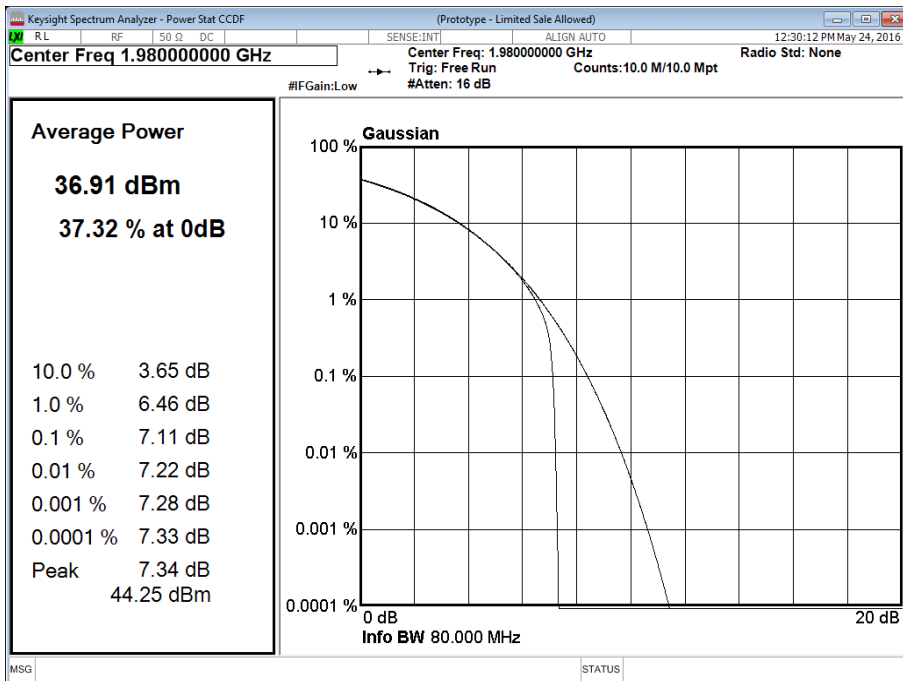
Channel Position T - Bandwidth 10.0 MHz - Antenna B



Channel Position T - Bandwidth 15.0 MHz - Antenna B



Channel Position T - Bandwidth 20.0 MHz - Antenna B



Configuration M

Maximum Output Power 37 dBm

Modulation	Carrier Bandwidth (MHz)	Antenna	Peak to Average Ratio (PAR) / Output Power					
			Channel Position M			Channel Position T		
			PAR (dB)	Average Power		PAR (dB)	Average Power	
				dBm	dBm/MHz		dBm	dBm/MHz
QPSK	1.4	A	-	36.90	33.23	-	36.95	33.27
	1.4	B	-	36.84	33.07	-	36.86	33.26
Total			-	39.88	36.16	-	39.92	36.28
QPSK	3.0	A	-	36.92	30.30	-	36.97	30.54
	3.0	B	-	36.86	30.26	-	36.86	30.27
Total			-	39.90	33.29	-	39.93	33.42
QPSK	5.0	A	-	36.82	28.05	-	36.80	27.90
	5.0	B	-	36.79	27.98	-	36.82	28.05
Total			-	39.82	31.03	-	39.82	30.99
QPSK	10.0	A	-	36.83	25.29	-	36.85	25.05
	10.0	B	-	36.84	24.97	-	36.87	25.11
Total			-	39.85	28.14	-	39.87	28.09
QPSK	15.0	A	-	36.90	23.32	-	36.89	23.45
	15.0	B	-	36.87	23.40	-	36.92	23.35
Total			-	39.90	26.37	-	39.92	26.41
QPSK	20.0	A	-	36.90	22.22	-	36.90	22.19
	20.0	B	-	36.88	22.17	-	36.89	22.18
Total			-	39.90	25.21	-	39.91	25.20

Configuration N

Maximum Output Power 37 dBm

Modulation	Carrier Bandwidth (MHz)	Antenna	Peak to Average Ratio (PAR) / Output Power					
			Channel Position M			Channel Position T		
			PAR (dB)	Average Power		PAR (dB)	Average Power	
dBm	dBm/MHz	dBm		dBm/MHz				
QPSK	1.4	A	-	36.86	31.43	-	36.93	31.55
	1.4	B	-	36.84	31.62	-	36.92	31.51
Total			-	39.86	34.54	-	39.94	34.54
QPSK	3.0	A	-	36.84	28.39	-	36.94	28.56
	3.0	B	-	36.88	28.41	-	36.90	28.46
Total			-	39.87	31.41	-	39.93	31.52
QPSK	5.0	A	-	36.73	26.15	-	36.78	26.17
	5.0	B	-	36.75	26.15	-	36.82	26.28
Total			-	39.75	29.16	-	39.81	29.24
QPSK	10.0	A	-	36.83	23.21	-	36.81	23.41
	10.0	B	-	36.81	23.32	-	36.87	23.46
Total			-	39.83	26.28	-	39.85	26.45
QPSK	15.0	A	-	36.85	21.62	-	36.84	21.72
	15.0	B	-	36.85	21.73	-	36.87	21.67
Total			-	39.86	24.69	-	39.87	24.71

Configuration G

Maximum Output Power 37 dBm

WCDMA Modulation	LTE Bandwidth (MHz)	Antenna	Peak to Average Ratio (PAR) / Output Power								
			Channel Position BRFBW			Channel Position MRFBW			Channel Position TRFBW		
			PAR (dB)	Average Power		PAR (dB)	Average Power		PAR (dB)	Average Power	
dBm	dBm/MHz	dBm		dBm/MHz	dBm		dBm/MHz				
16QAM	3.0	A	-	36.71	30.02	-	36.81	30.01	-	36.81	29.60
	3.0	B	-	36.69	30.16	-	36.85	30.16	-	36.74	29.95
Total			-	39.71	33.10	-	39.84	33.10	-	39.79	32.79

Configuration H

Maximum Output Power 37 dBm

WCDMA Modulation	LTE Bandwidth (MHz)	Antenna	Peak to Average Ratio (PAR) / Output Power								
			Channel Position BRFBW			Channel Position MRFBW			Channel Position TRFBW		
			PAR (dB)	Average Power		PAR (dB)	Average Power		PAR (dB)	Average Power	
dBm	dBm/MHz	dBm		dBm/MHz	dBm		dBm/MHz				
16QAM	3.0	A	-	36.51	26.19	-	36.60	25.89	-	36.59	25.63
	3.0	B	-	36.54	26.02	-	36.63	25.91	-	36.56	25.61
Total			-	39.54	29.12	-	39.63	28.91	-	39.59	28.63

Configuration O

Maximum Output Power 37 dBm

WCDMA Modulation	LTE Bandwidth (MHz)	Antenna	Peak to Average Ratio (PAR) / Output Power					
			Channel Position MRFBW			Channel Position TRFBW		
			PAR (dB)	Average Power		PAR (dB)	Average Power	
				dBm	dBm/MHz		dBm	dBm/MHz
16QAM	3.0	A	-	36.85	30.06	-	36.80	30.00
	3.0	B	-	36.81	30.11	-	36.84	29.70
Total			-	39.84	33.10	-	39.83	32.86

Configuration P

Maximum Output Power 37 dBm

WCDMA Modulation	LTE Bandwidth (MHz)	Antenna	Peak to Average Ratio (PAR) / Output Power					
			Channel Position MRFBW			Channel Position TRFBW		
			PAR (dB)	Average Power		PAR (dB)	Average Power	
				dBm	dBm/MHz		dBm	dBm/MHz
16QAM	3.0	A	-	36.60	25.88	-	36.60	25.86
	3.0	B	-	36.59	25.77	-	36.62	25.86
Total			-	39.61	28.84	-	39.62	28.87

Limit	
Peak Power	≤500 W or ≤+57 dBm
Peak to Average Ratio	13 dB

2.2 OCCUPIED BANDWIDTH

2.2.1 Specification Reference

FCC CFR 47 Part 2, Clause 2.1049
 FCC CFR 47 Part 24, Clause 24.238 (b)
 Industry Canada RSS-GEN, Clause 6.6

2.2.2 Date of Test and Modification State

18, 19, 23, 24, 25 and 26 May 2016 - Modification State 0

2.2.3 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.2.4 Environmental Conditions

Ambient Temperature 22.6 - 23.6°C
 Relative Humidity 25.8 - 37.3%

2.2.5 Test Method

All measurements were made in accordance with FCC KDB 971168 D01.

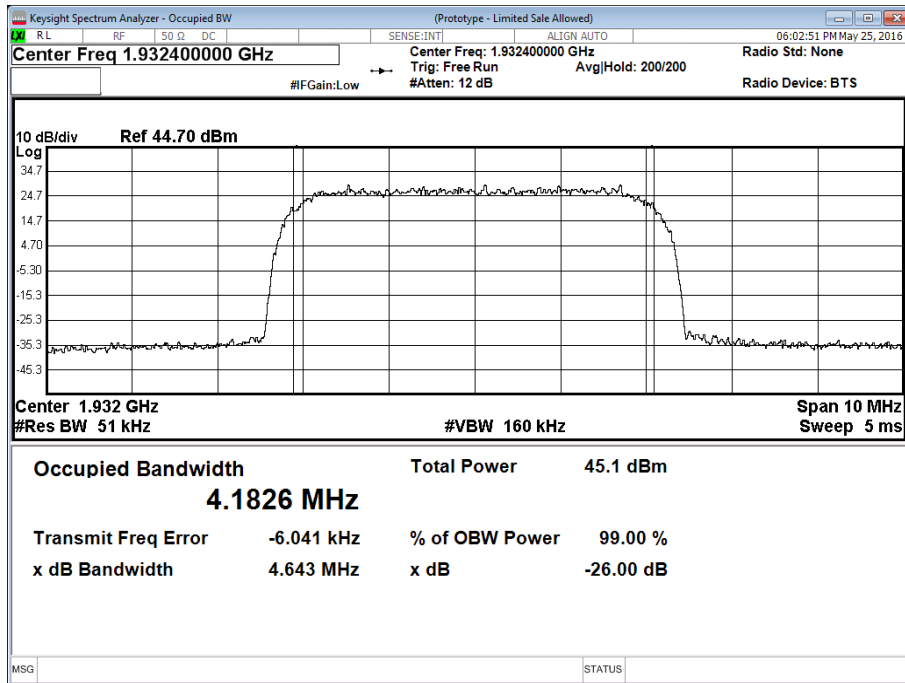
2.2.6 Test Results

Configuration A

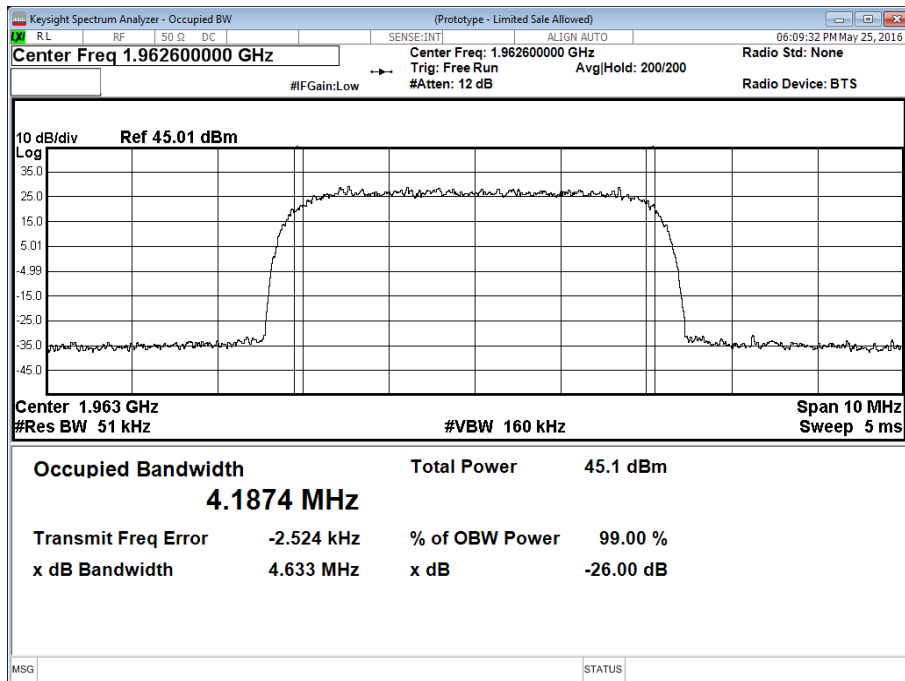
Maximum Output Power 37 dBm

Carrier Bandwidth / Modulation	Result (KHz)					
	Channel Position B		Channel Position M		Channel Position T	
	Occupied Bandwidth	-26 dB Bandwidth	Occupied Bandwidth	-26 dB Bandwidth	Occupied Bandwidth	-26 dB Bandwidth
5.0 MHz / 16QAM	4,182.58	4,642.95	4,187.36	4,633.11	4,182.21	4,638.99

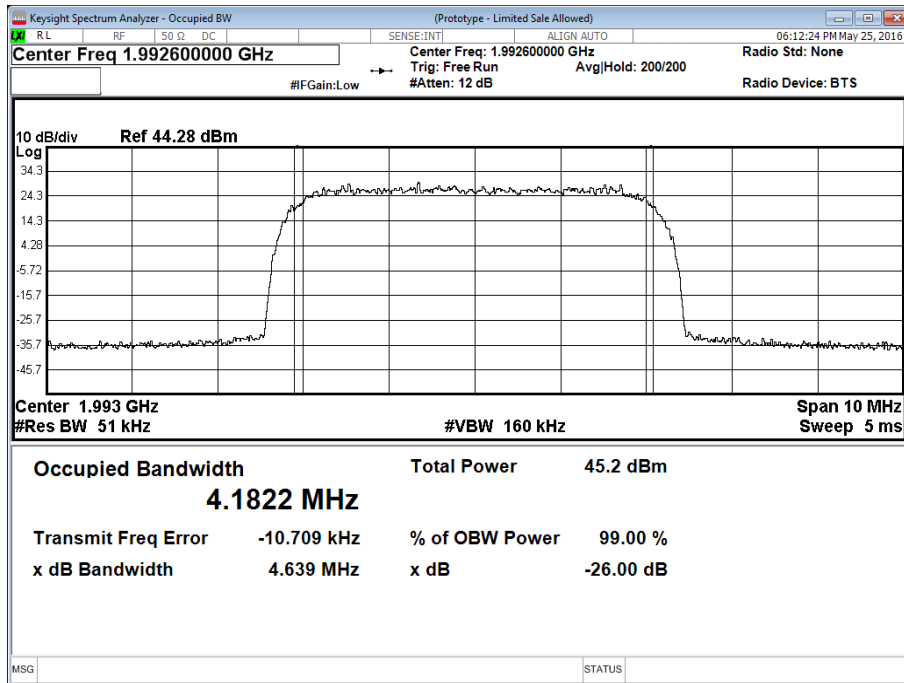
Channel Position B - Bandwidth 5.0 MHz - Antenna A



Channel Position M - Bandwidth 5.0 MHz - Antenna A



Channel Position T - Bandwidth 5.0 MHz - Antenna A

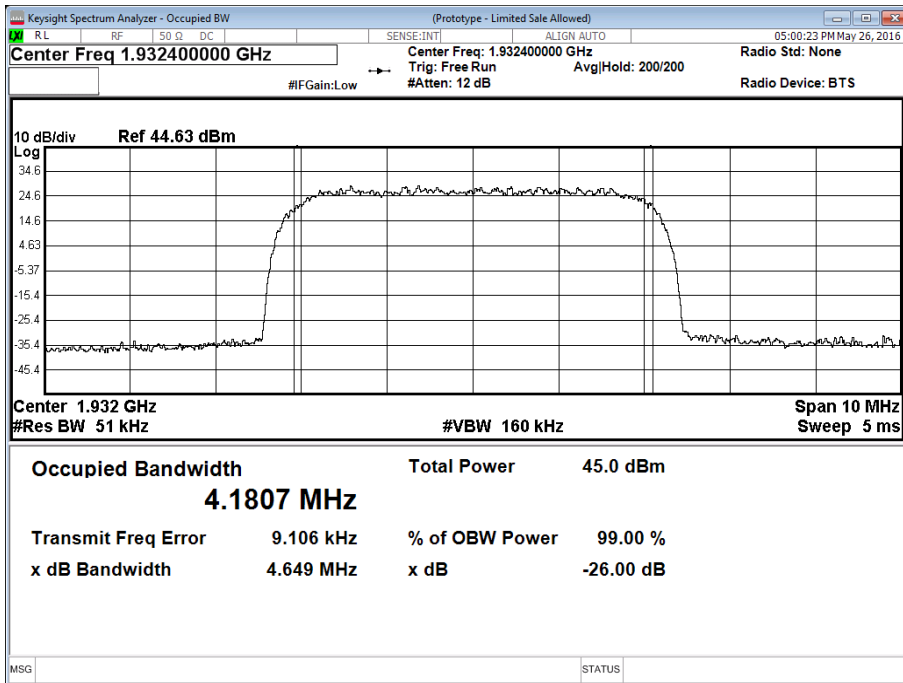


Configuration A

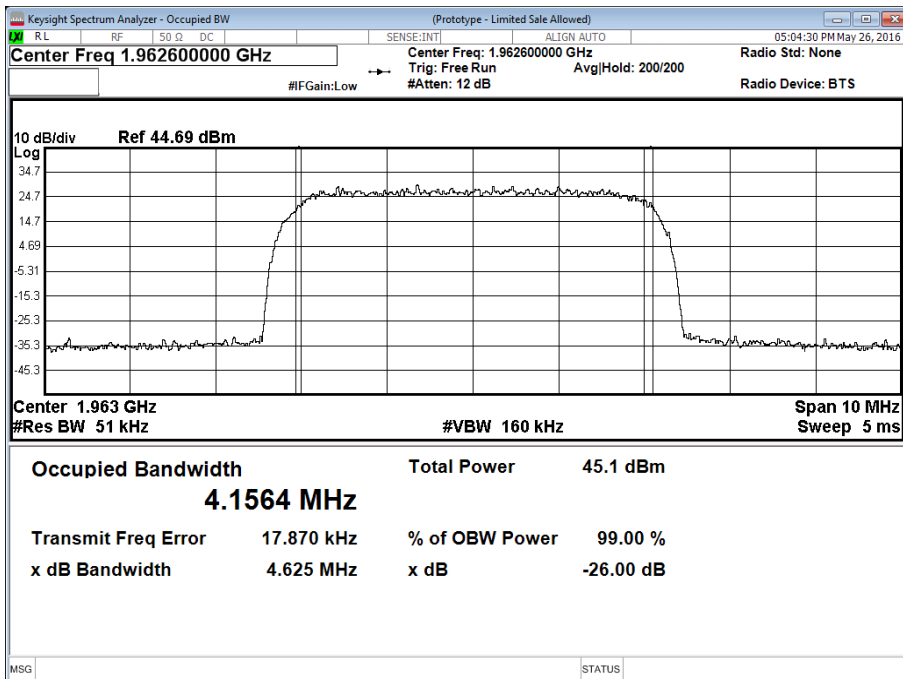
Maximum Output Power 37 dBm

Carrier Bandwidth / Modulation	Result (KHz)					
	Channel Position B		Channel Position M		Channel Position T	
	Occupied Bandwidth	-26 dB Bandwidth	Occupied Bandwidth	-26 dB Bandwidth	Occupied Bandwidth	-26 dB Bandwidth
5.0 MHz / 16QAM	4,180.74	4,648.83	4,156.45	4,625.00	4,170.54	4,625.78

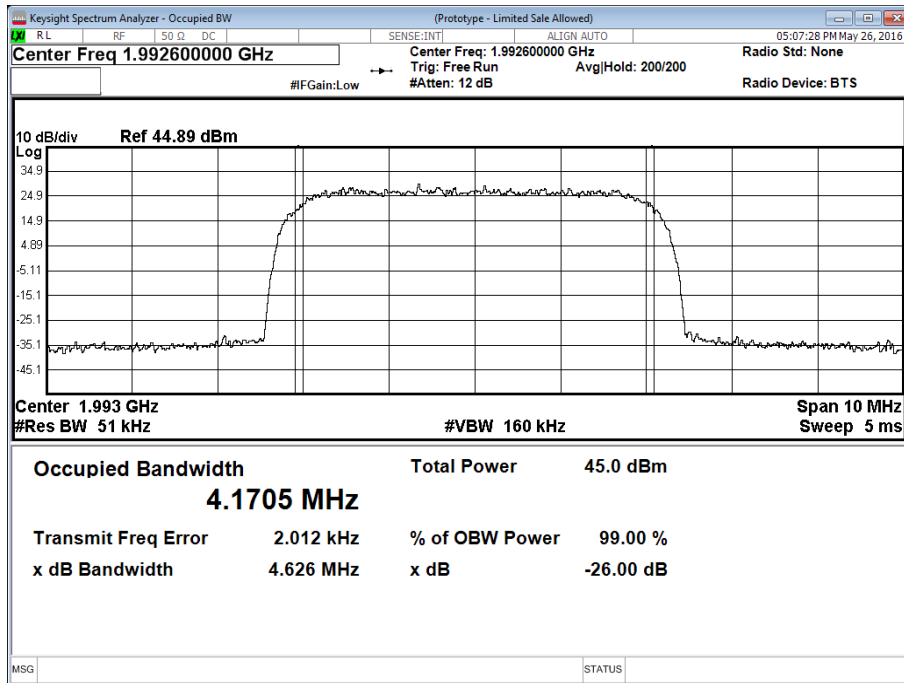
Channel Position B - Bandwidth 5.0 MHz - Antenna B



Channel Position M - Bandwidth 5.0 MHz - Antenna B



Channel Position T - Bandwidth 5.0 MHz - Antenna B

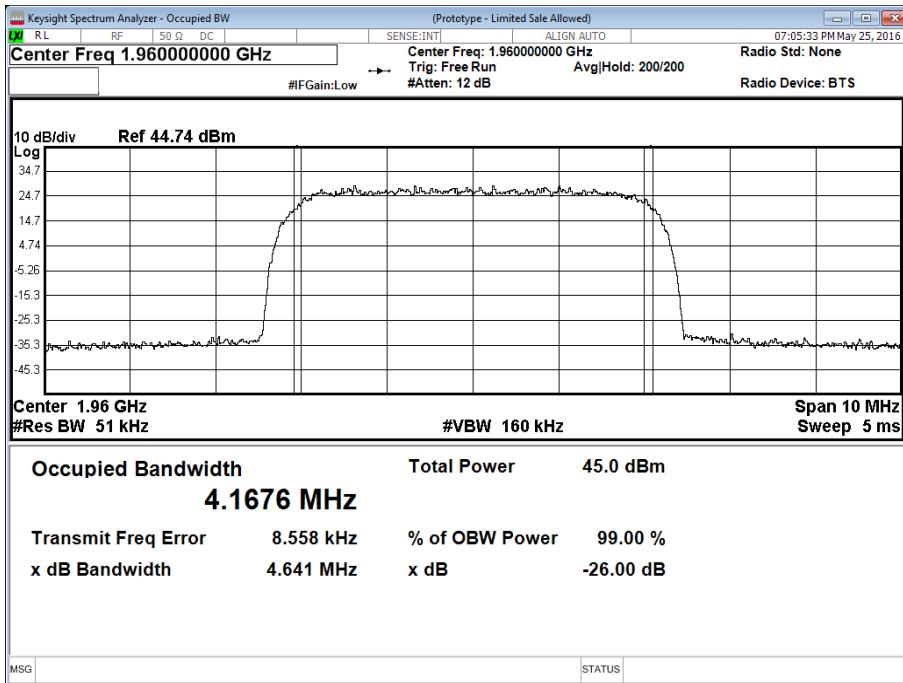


Configuration I

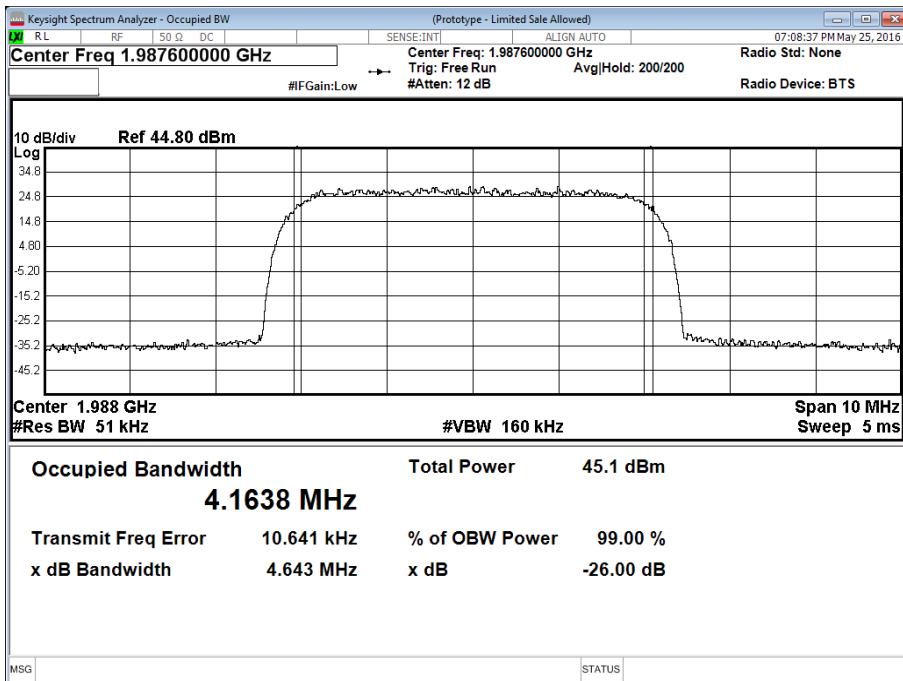
Maximum Output Power 37 dBm

Carrier Bandwidth / Modulation	Result (KHz)			
	Channel Position M		Channel Position T	
	Occupied Bandwidth	-26 dB Bandwidth	Occupied Bandwidth	-26 dB Bandwidth
5.0 MHz / 16QAM	4,167.56	4,640.98	4,163.79	4,642.58

Channel Position M - Bandwidth 5.0 MHz - Antenna A



Channel Position T - Bandwidth 5.0 MHz - Antenna A

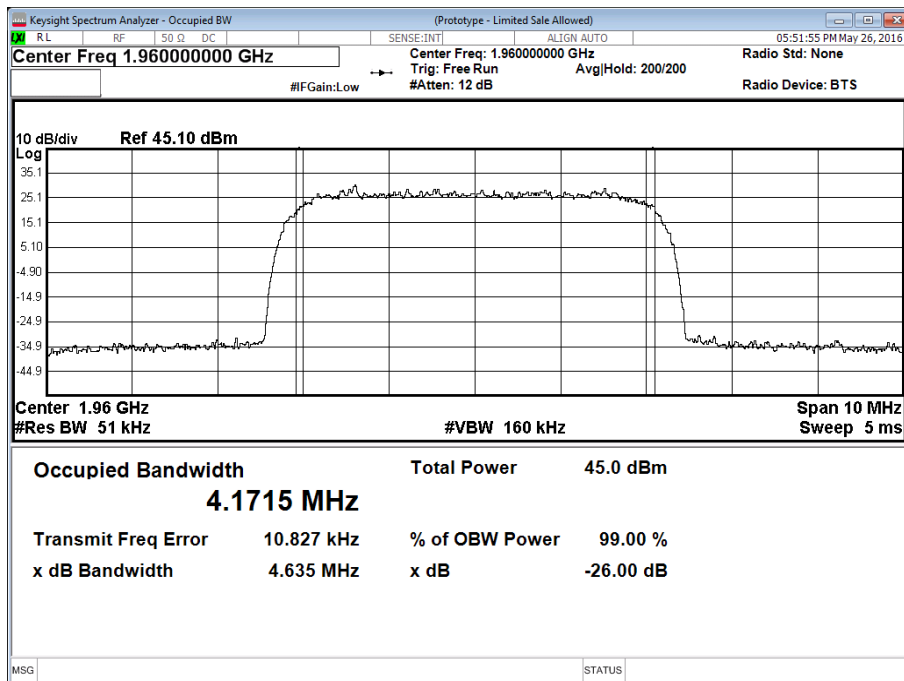


Configuration I

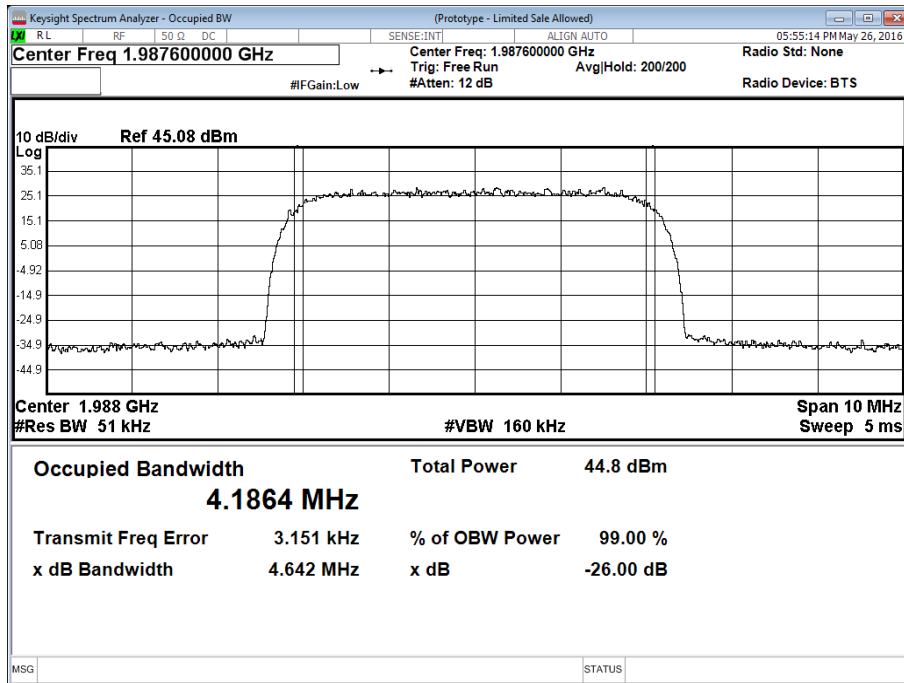
Maximum Output Power 37 dBm

Carrier Bandwidth / Modulation	Result (KHz)			
	Channel Position M		Channel Position T	
	Occupied Bandwidth	-26 dB Bandwidth	Occupied Bandwidth	-26 dB Bandwidth
5.0 MHz / 16QAM	4,171.53	4,634.93	4,186.38	4,642.30

Channel Position M - Bandwidth 5.0 MHz - Antenna B



Channel Position T - Bandwidth 5.0 MHz - Antenna B

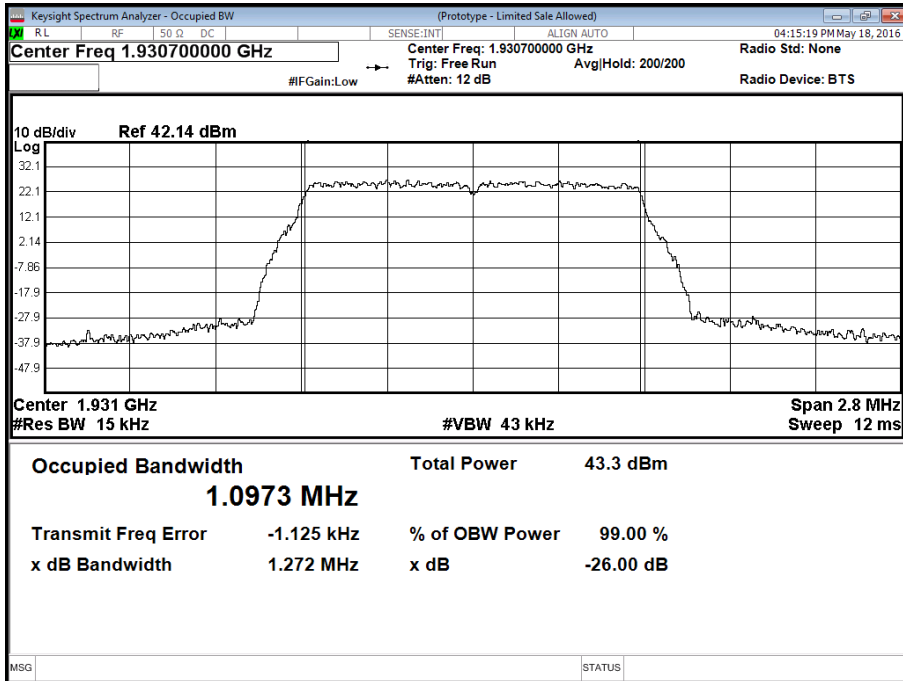


Configuration D

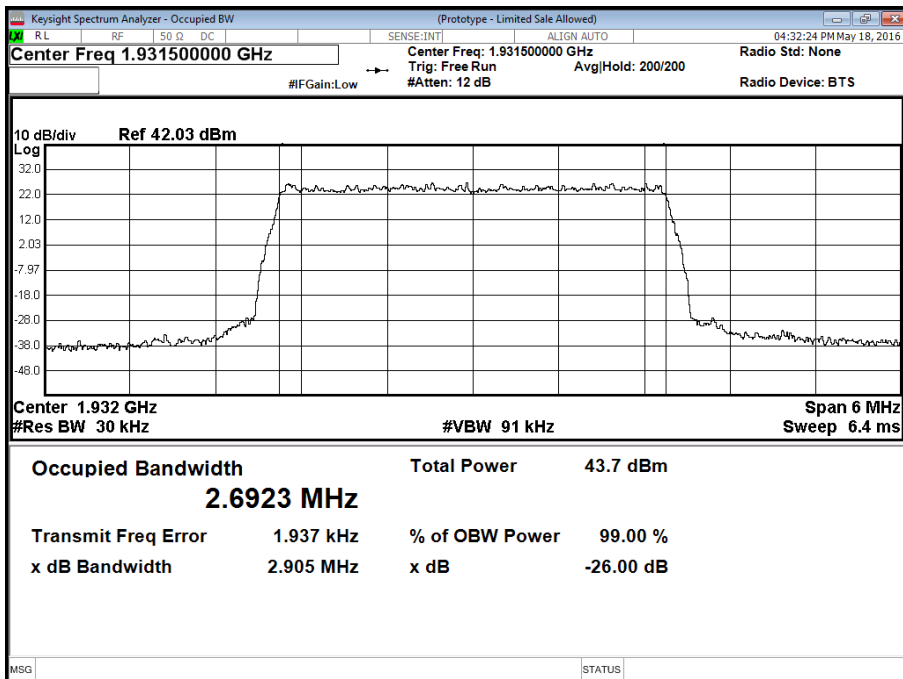
Maximum Output Power 37 dBm

Carrier Bandwidth / Modulation	Result (KHz)					
	Channel Position B		Channel Position M		Channel Position T	
	Occupied Bandwidth	-26 dB Bandwidth	Occupied Bandwidth	-26 dB Bandwidth	Occupied Bandwidth	-26 dB Bandwidth
1.4 MHz / QPSK	1,097.30	1,272.38	1,099.66	1,265.02	1,095.65	1,259.61
3.0 MHz / QPSK	2,692.34	2,904.70	2,692.65	2,893.46	2,696.79	2,899.47
5.0 MHz / QPSK	4,483.25	4,789.28	4,483.31	4,794.84	4,480.62	4,799.28
10.0 MHz / QPSK	8,927.18	9,375.83	8,940.64	9,380.38	8,924.39	9,380.38
15.0 MHz / QPSK	13,413.59	13,992.88	13,420.12	13,955.39	13,399.67	13,954.88
20.0 MHz / QPSK	17,837.38	18,550.34	17,872.18	18,533.07	17,809.13	18,513.66

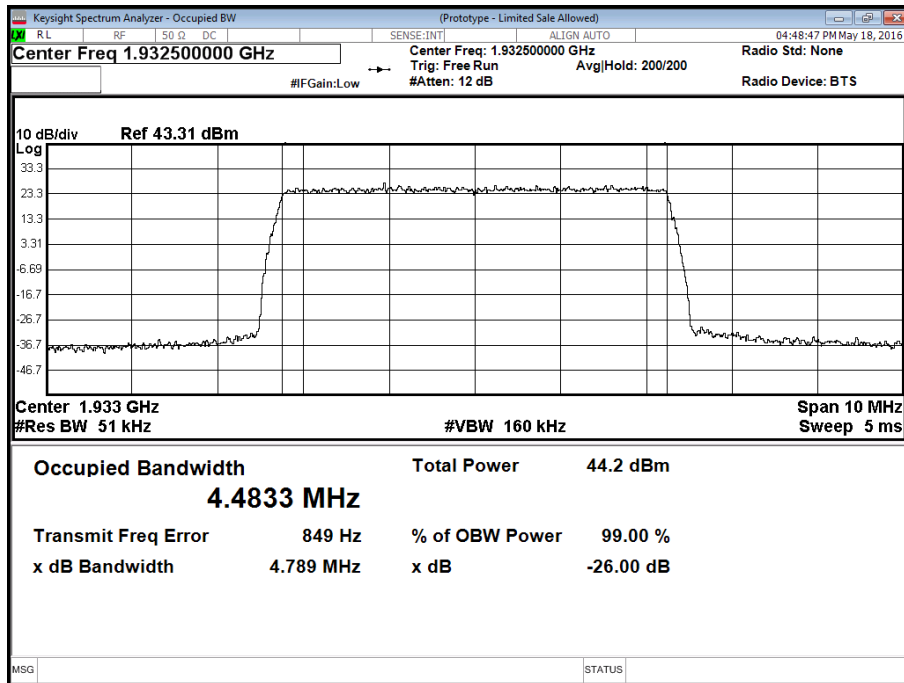
Channel Position B - Bandwidth 1.4 MHz - Antenna A



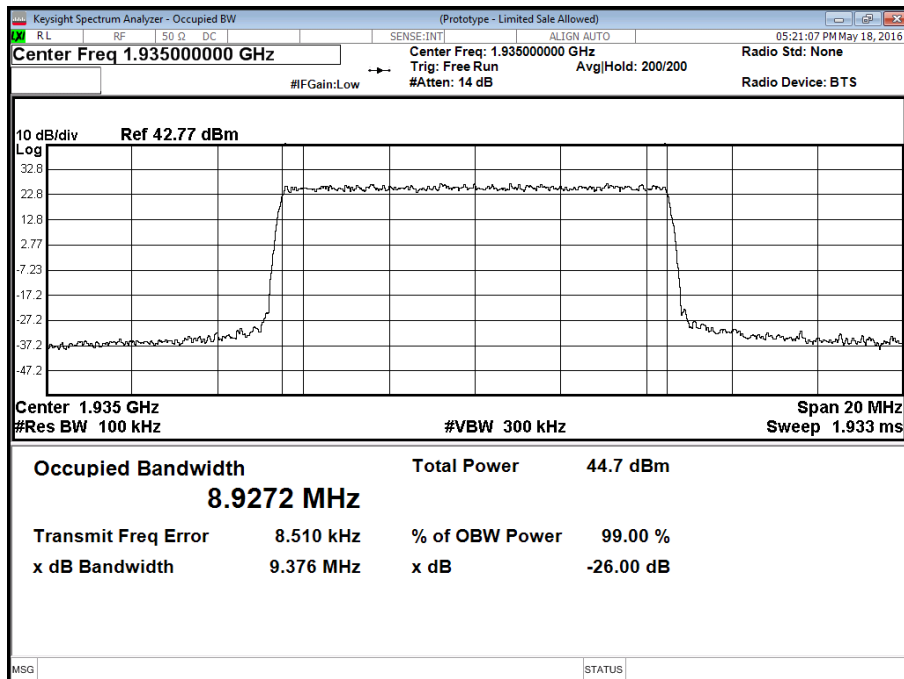
Channel Position B - Bandwidth 3.0 MHz - Antenna A



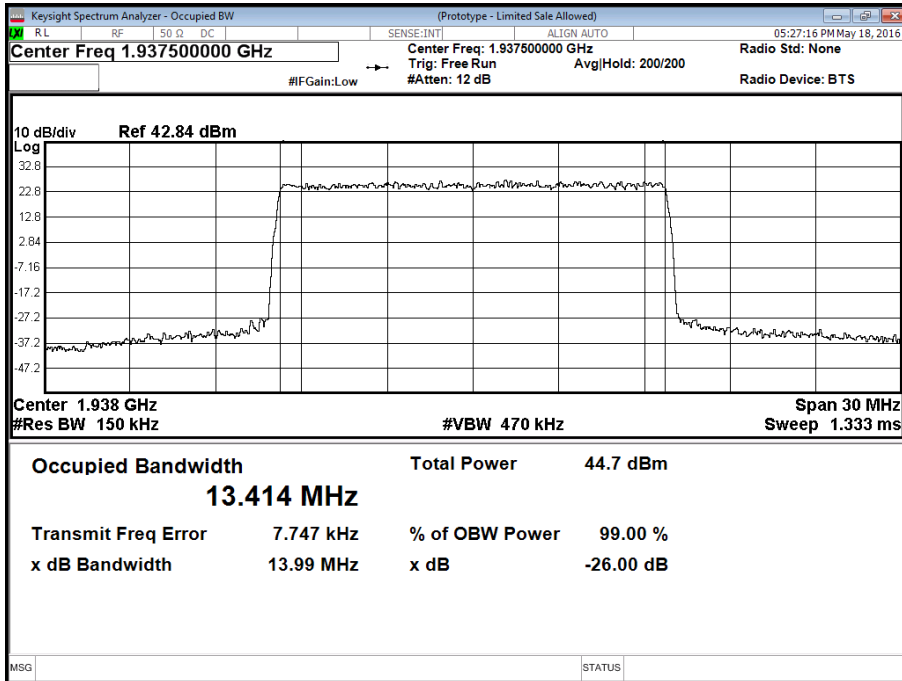
Channel Position B - Bandwidth 5.0 MHz - Antenna A



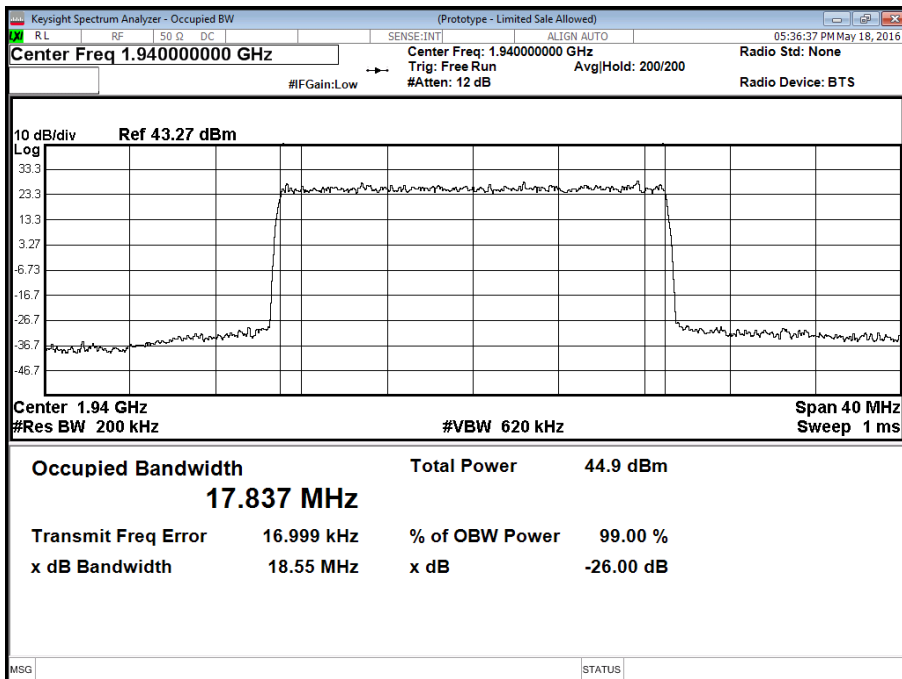
Channel Position B - Bandwidth 10.0 MHz - Antenna A



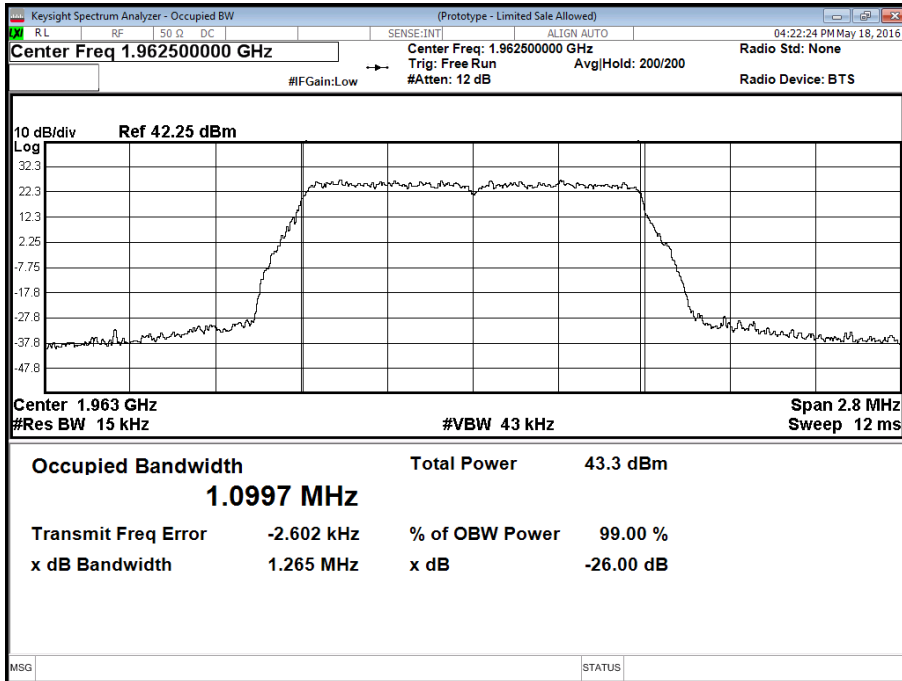
Channel Position B - Bandwidth 15.0 MHz - Antenna A



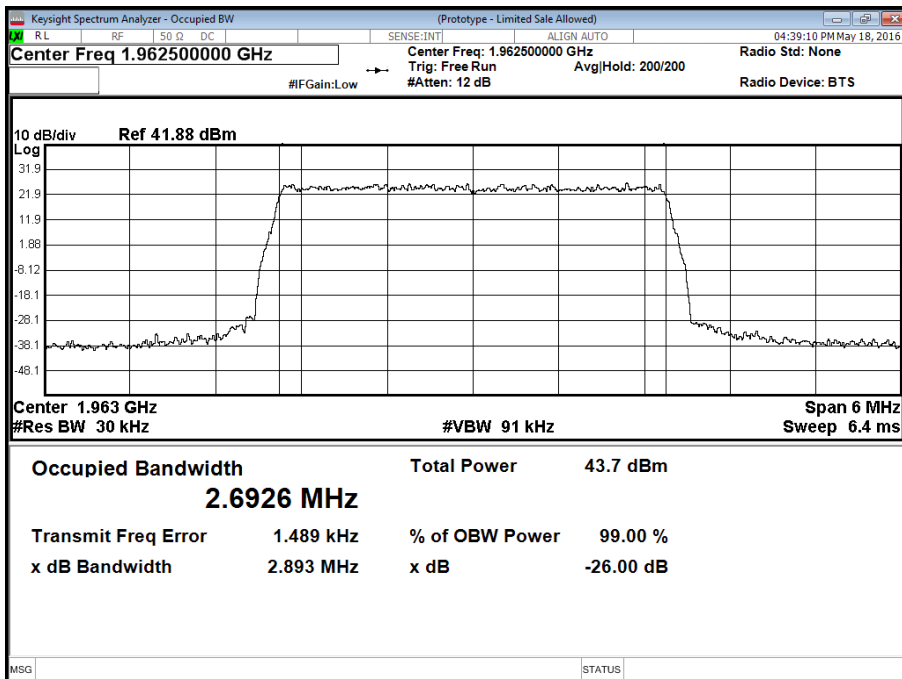
Channel Position B - Bandwidth 20.0 MHz - Antenna A



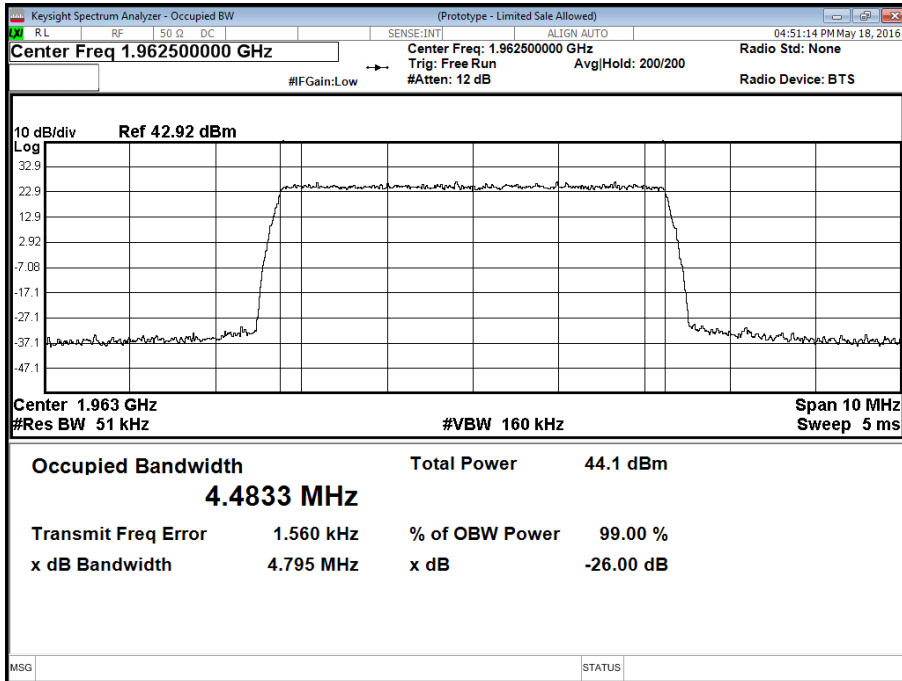
Channel Position M - Bandwidth 1.4 MHz - Antenna A



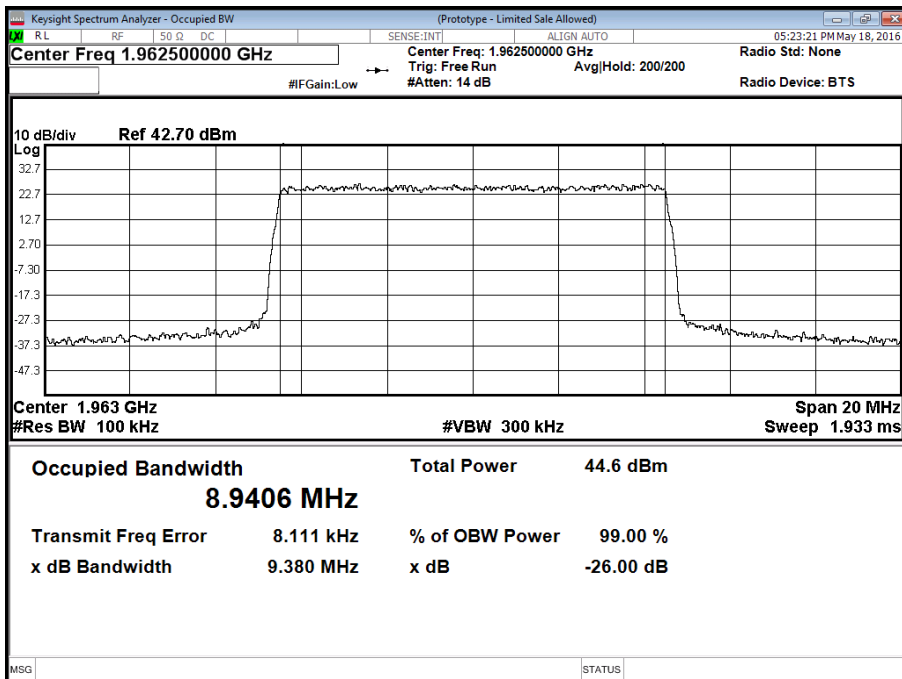
Channel Position M - Bandwidth 3.0 MHz - Antenna A



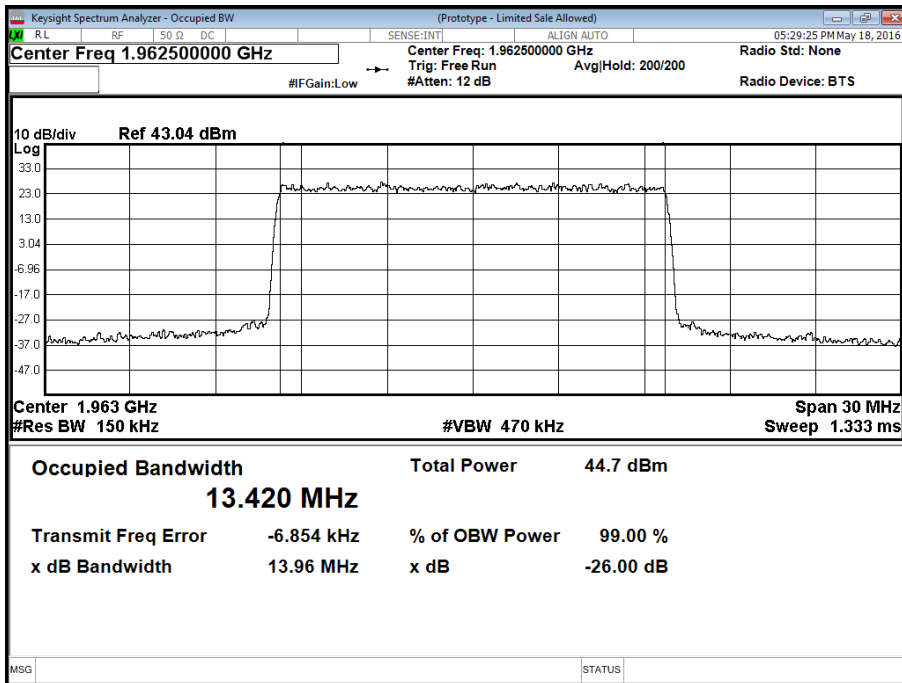
Channel Position M - Bandwidth 5.0 MHz - Antenna A



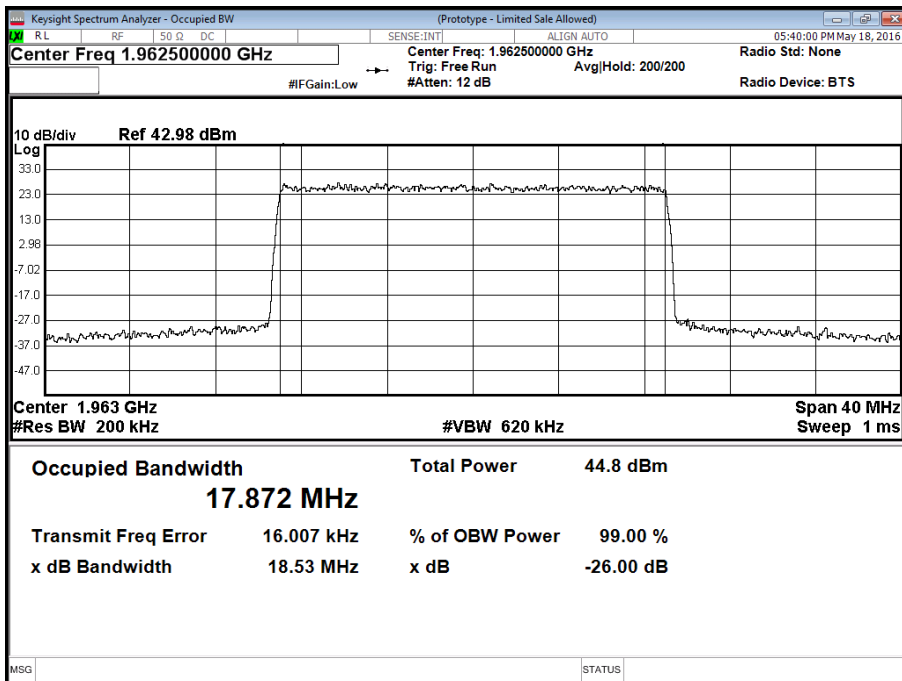
Channel Position M - Bandwidth 10.0 MHz - Antenna A



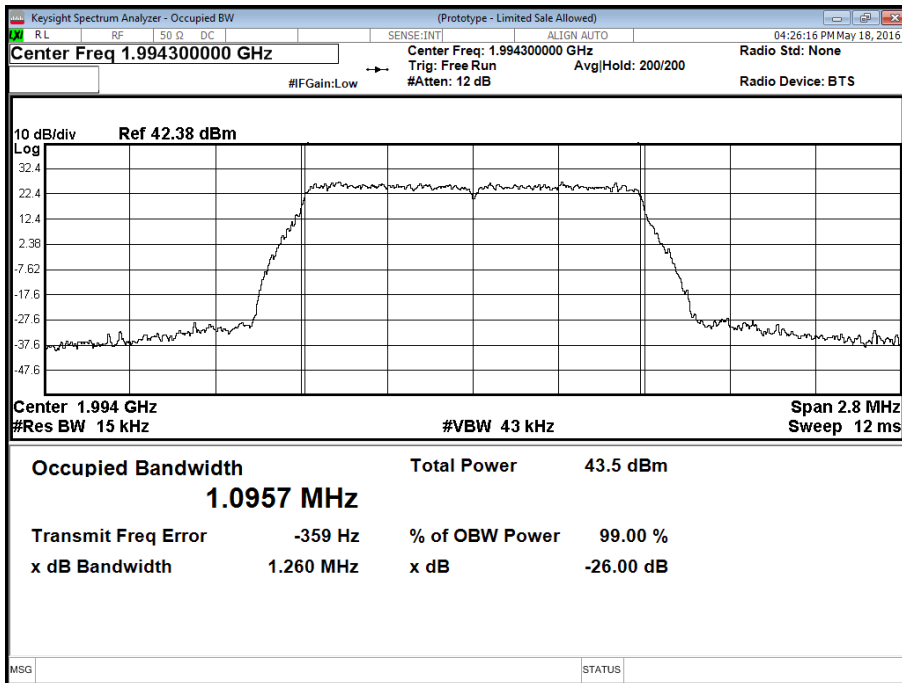
Channel Position M - Bandwidth 15.0 MHz - Antenna A



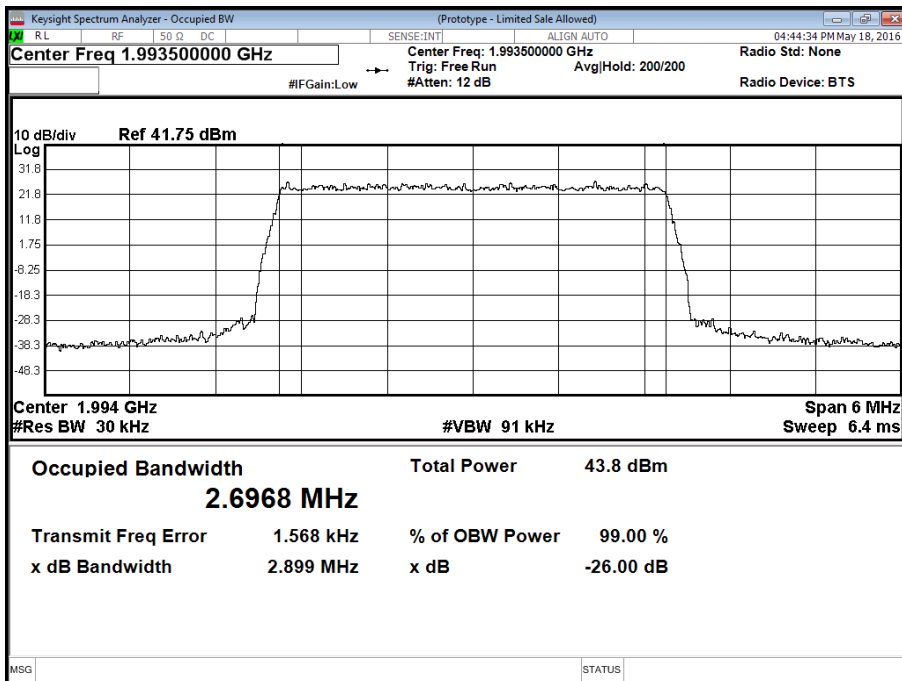
Channel Position M - Bandwidth 20.0 MHz - Antenna A



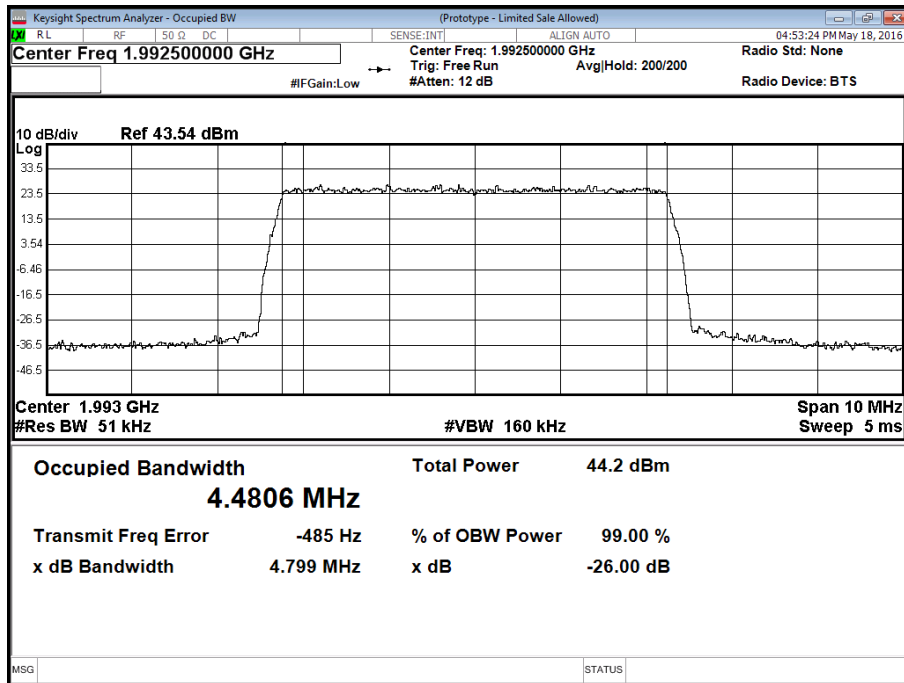
Channel Position T - Bandwidth 1.4 MHz - Antenna A



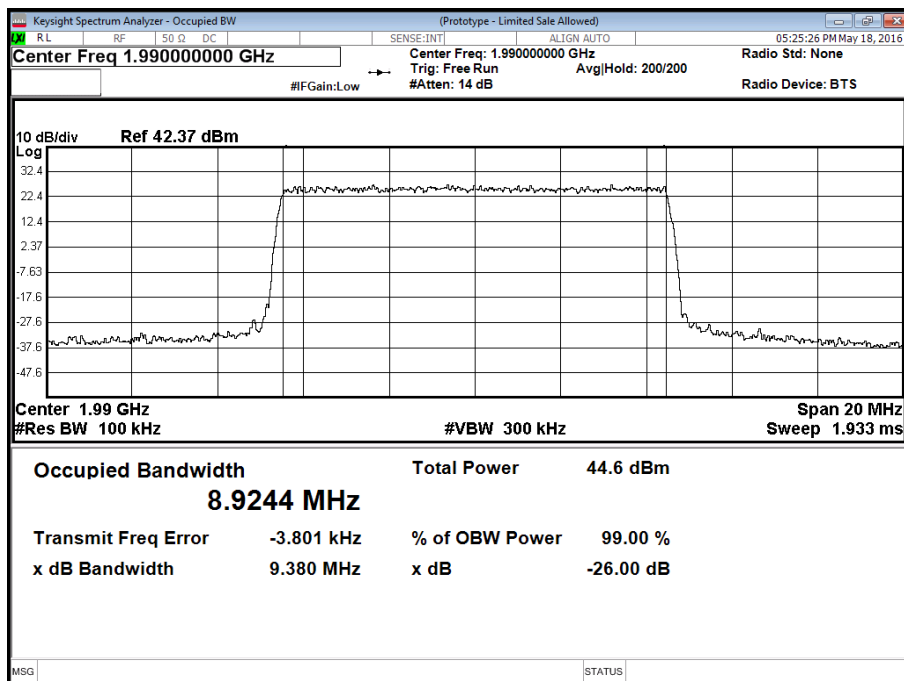
Channel Position T - Bandwidth 3.0 MHz - Antenna A



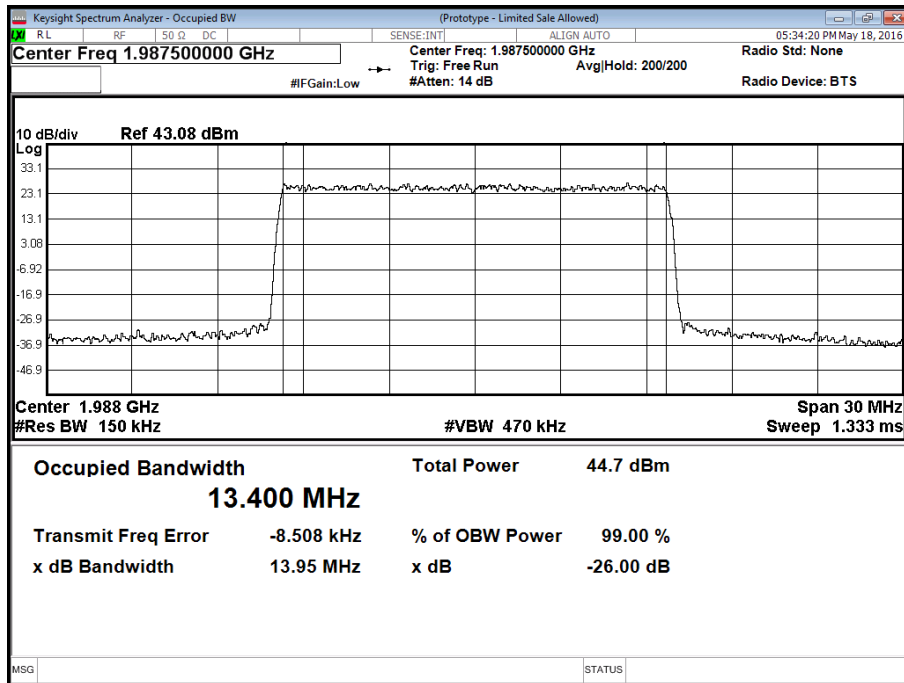
Channel Position T - Bandwidth 5.0 MHz - Antenna A



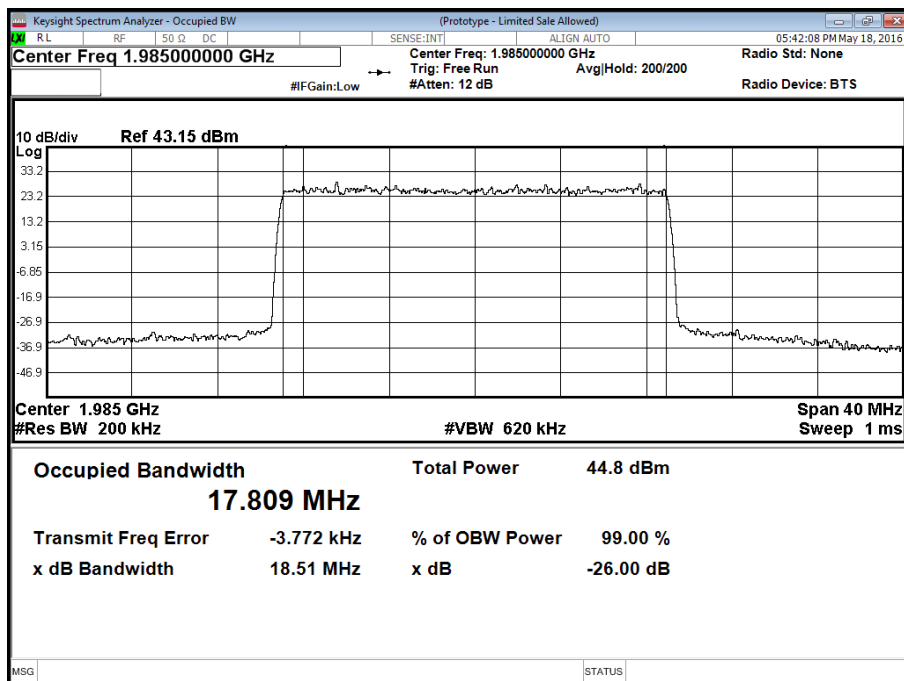
Channel Position T - Bandwidth 10.0 MHz - Antenna A



Channel Position T - Bandwidth 15.0 MHz - Antenna A



Channel Position T - Bandwidth 20.0 MHz - Antenna A

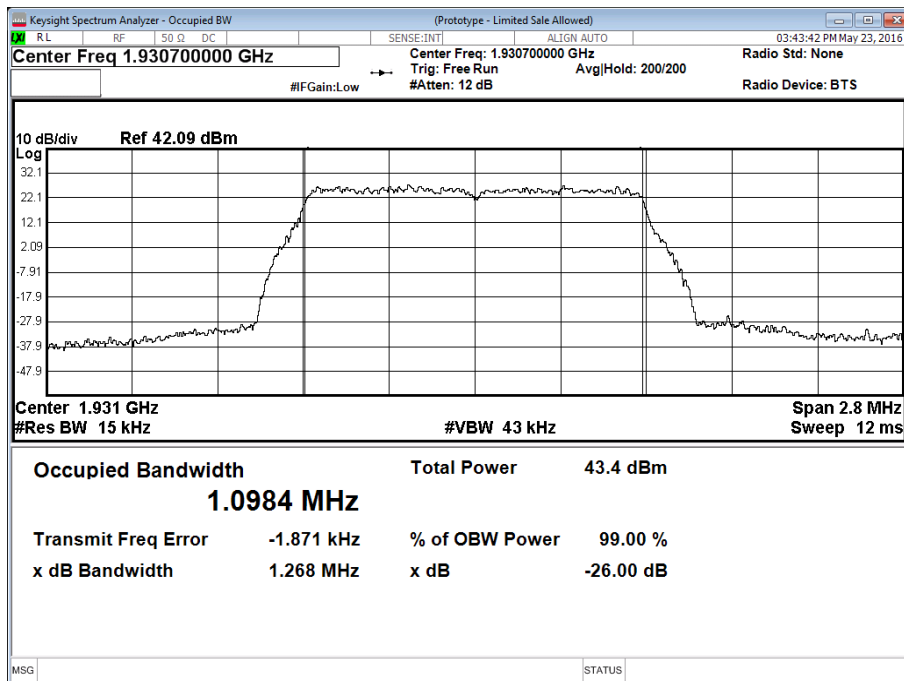


Configuration D

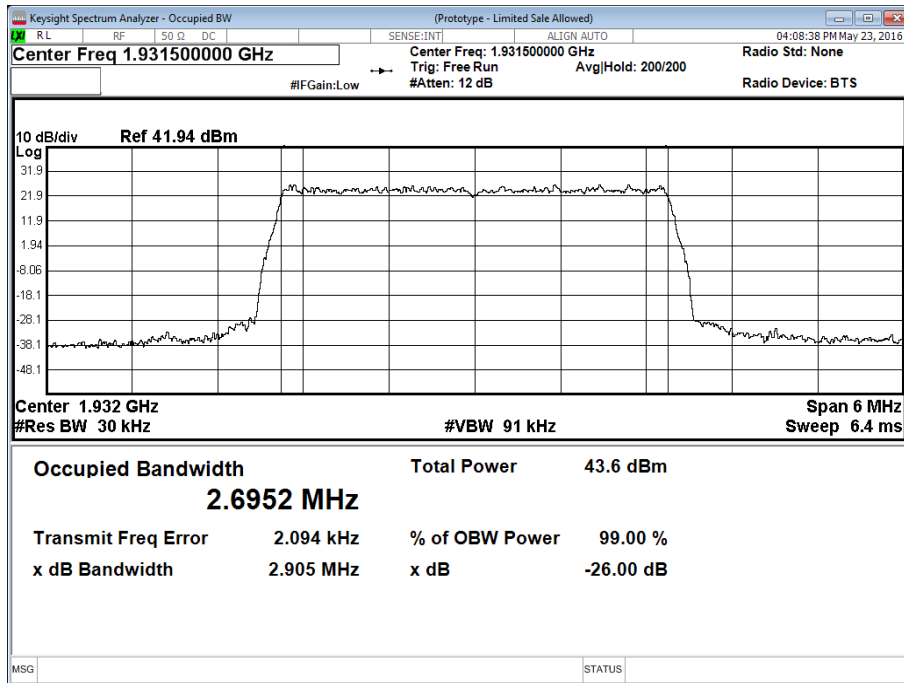
Maximum Output Power 37 dBm

Carrier Bandwidth / Modulation	Result (KHz)					
	Channel Position B		Channel Position M		Channel Position T	
	Occupied Bandwidth	-26 dB Bandwidth	Occupied Bandwidth	-26 dB Bandwidth	Occupied Bandwidth	-26 dB Bandwidth
1.4 MHz / QPSK	1,098.37	1,268.13	1,097.72	1,279.94	1,095.11	1,258.05
3.0 MHz / QPSK	2,695.24	2,904.82	2,691.21	2,880.55	2,697.60	2,882.70
5.0 MHz / QPSK	4,482.72	4,799.83	4,482.34	4,805.05	4,482.79	4,800.88
10.0 MHz / QPSK	8,964.09	9,584.90	8,958.85	9,627.51	8,936.17	9,617.26
15.0 MHz / QPSK	13,403.92	14,344.46	13,414.26	14,354.91	13,434.96	14,324.43
20.0 MHz / QPSK	17,847.53	18,975.68	17,881.61	19,115.54	17,908.35	19,073.28

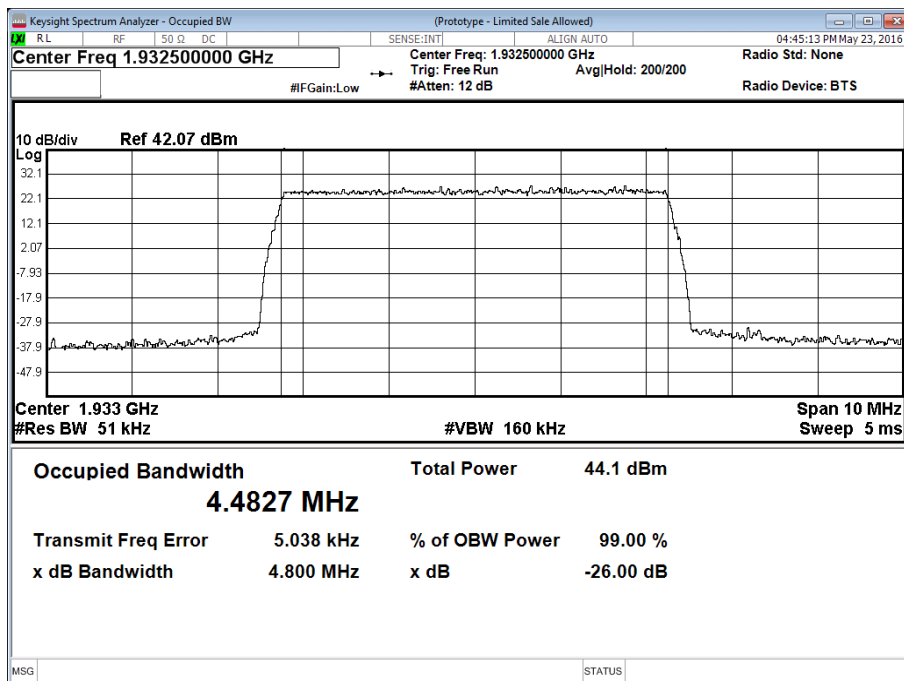
Channel Position B - Bandwidth 1.4 MHz - Antenna B



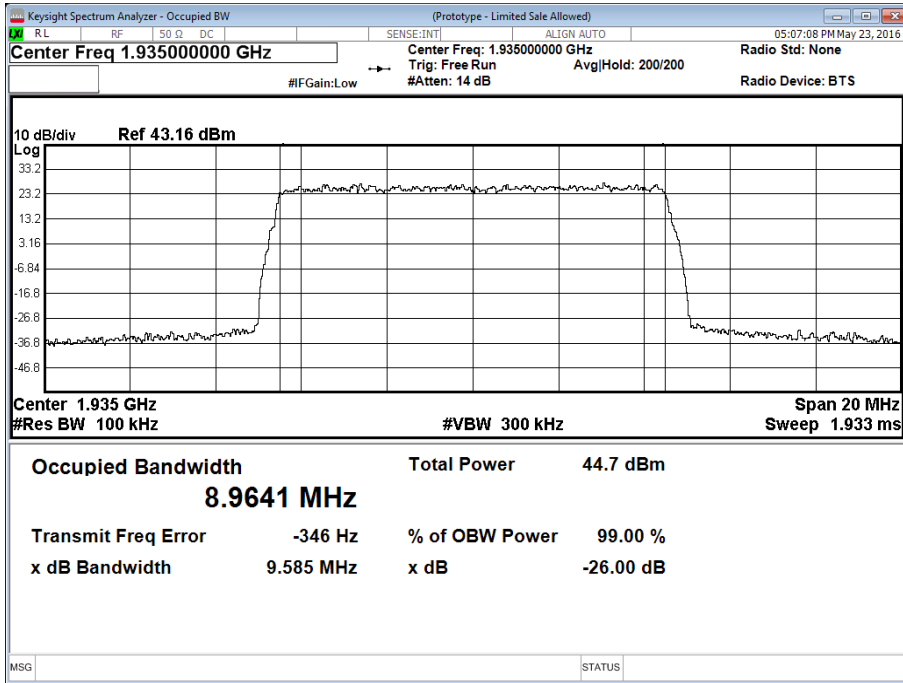
Channel Position B - Bandwidth 3.0 MHz - Antenna B



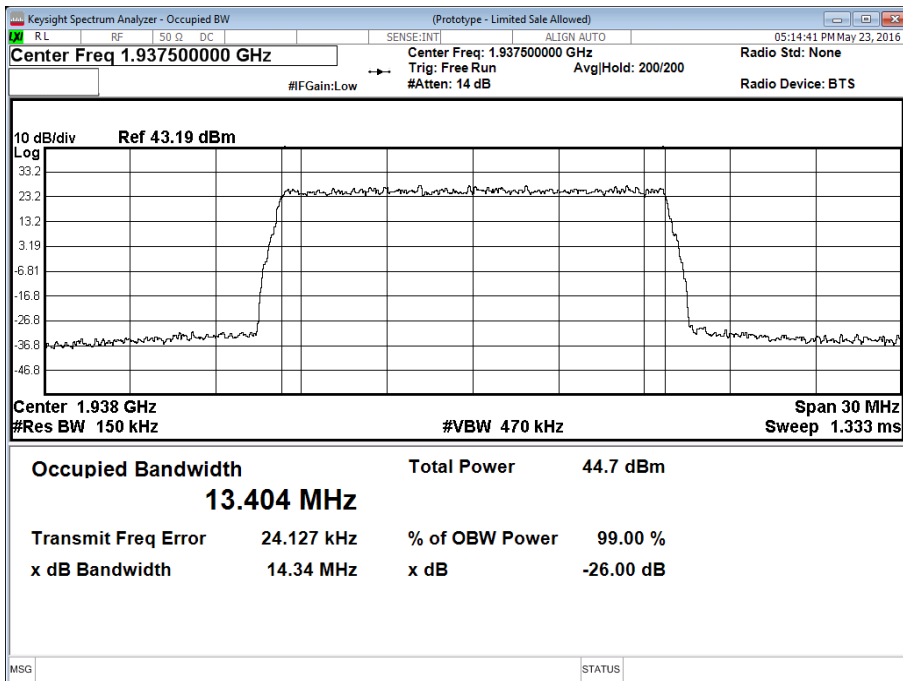
Channel Position B - Bandwidth 5.0 MHz - Antenna B



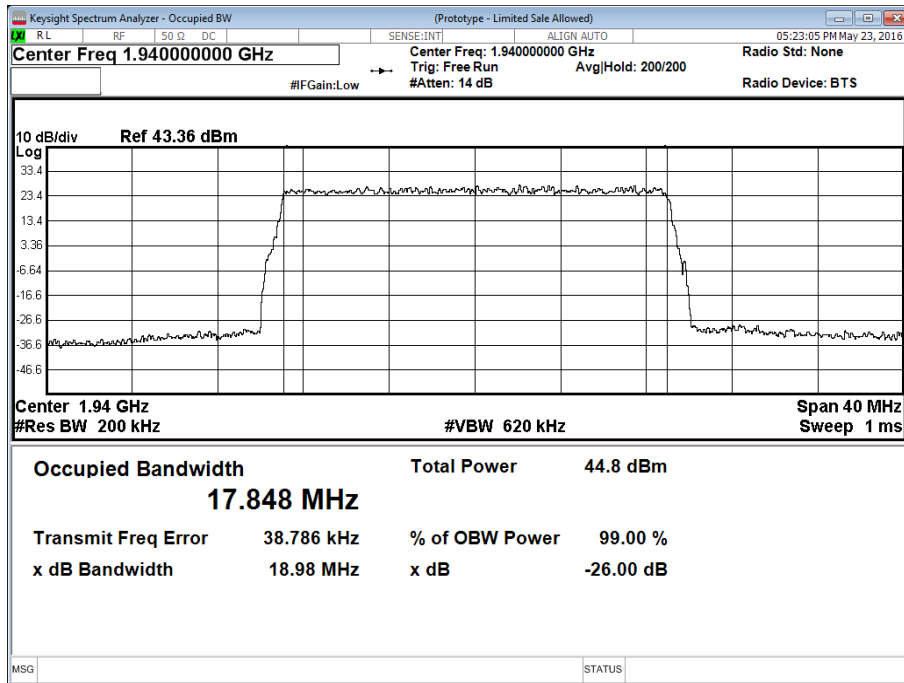
Channel Position B - Bandwidth 10.0 MHz - Antenna B



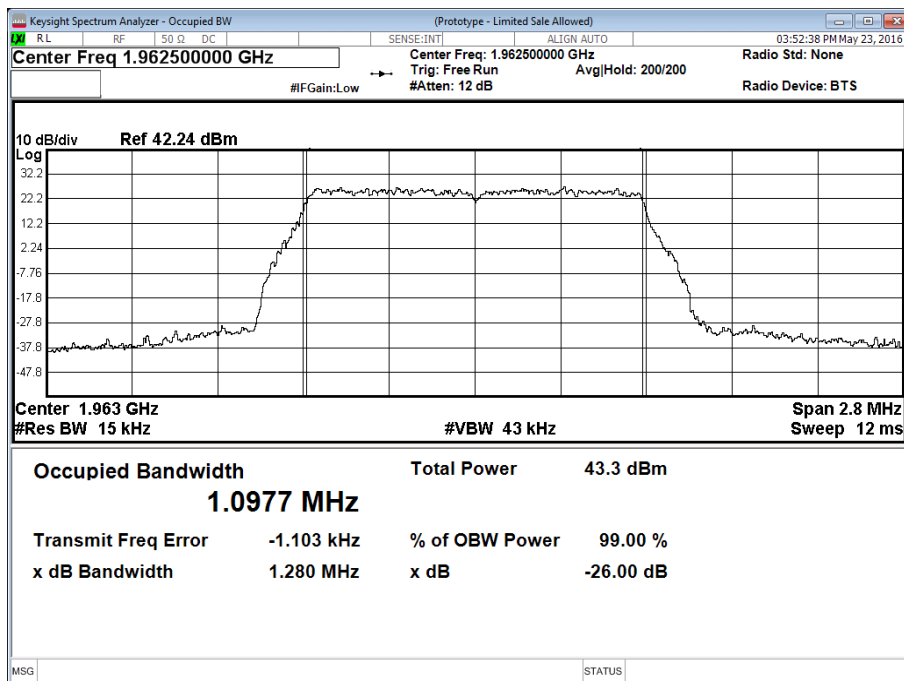
Channel Position B - Bandwidth 15.0 MHz - Antenna B



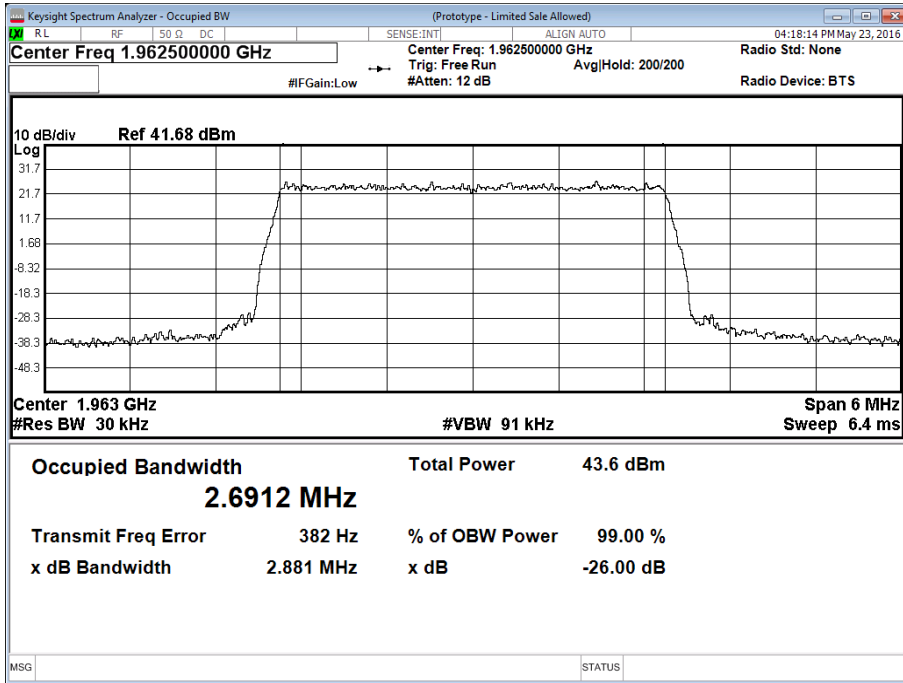
Channel Position B - Bandwidth 20.0 MHz - Antenna B



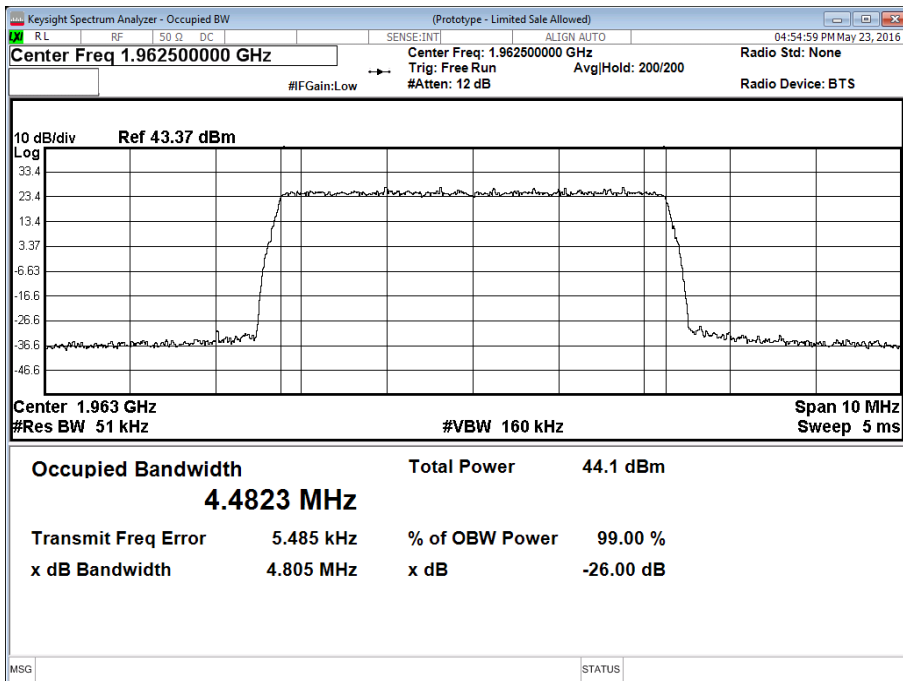
Channel Position M - Bandwidth 1.4 MHz - Antenna B



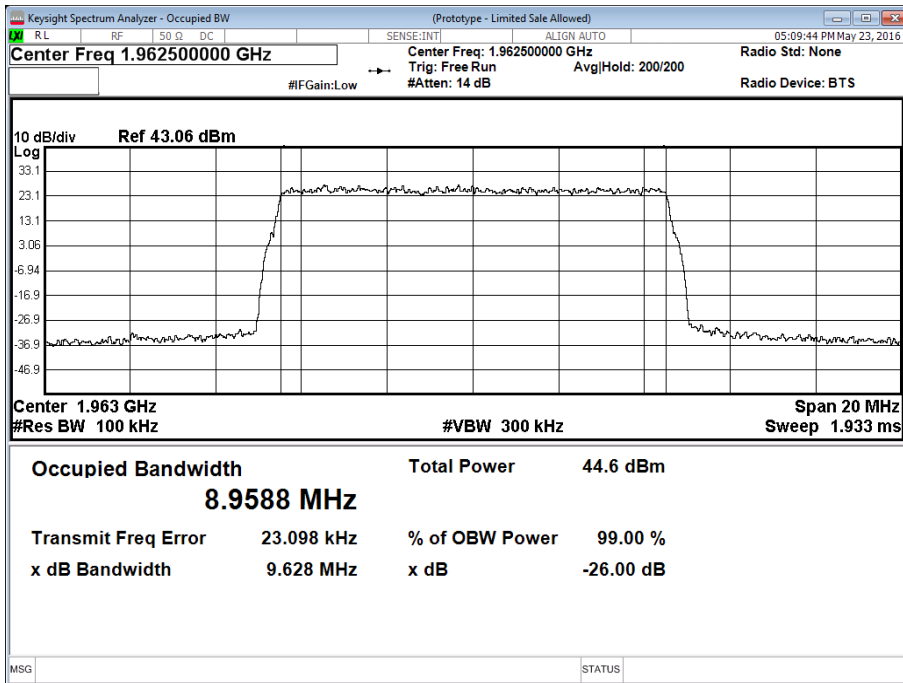
Channel Position M - Bandwidth 3.0 MHz - Antenna B



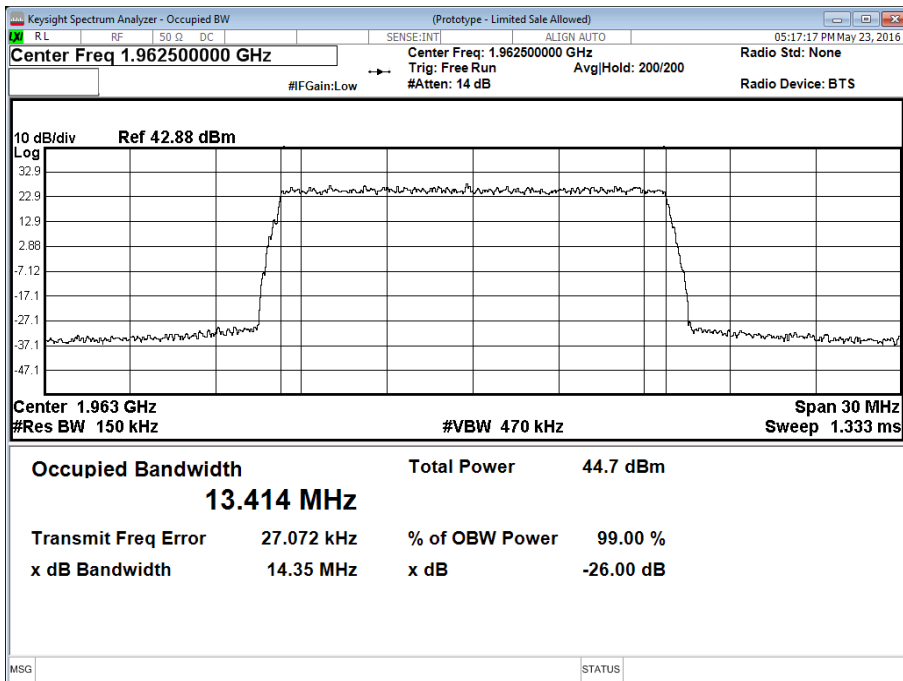
Channel Position M - Bandwidth 5.0 MHz - Antenna B



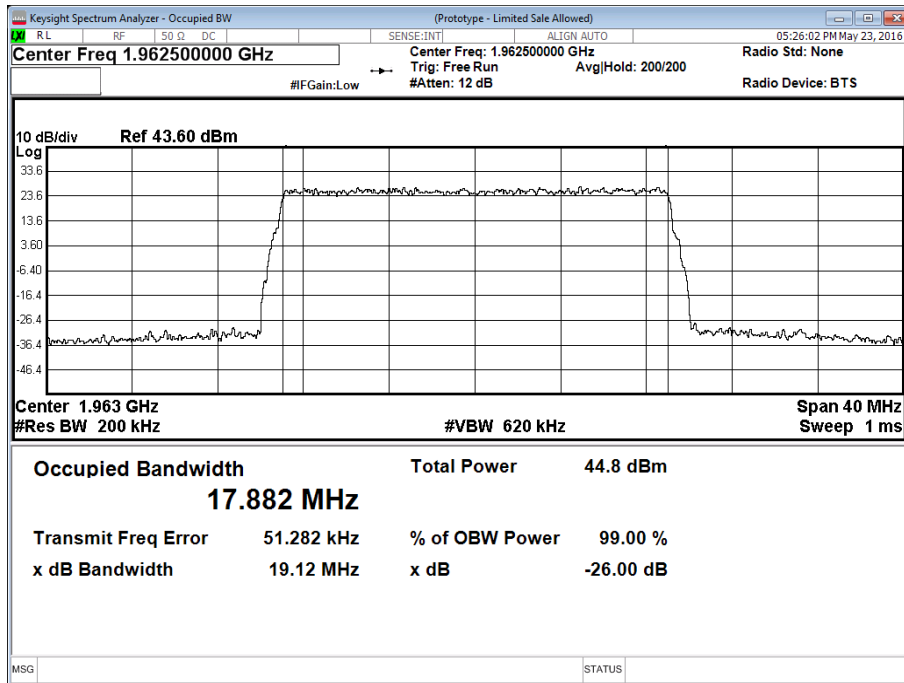
Channel Position M - Bandwidth 10.0 MHz - Antenna B



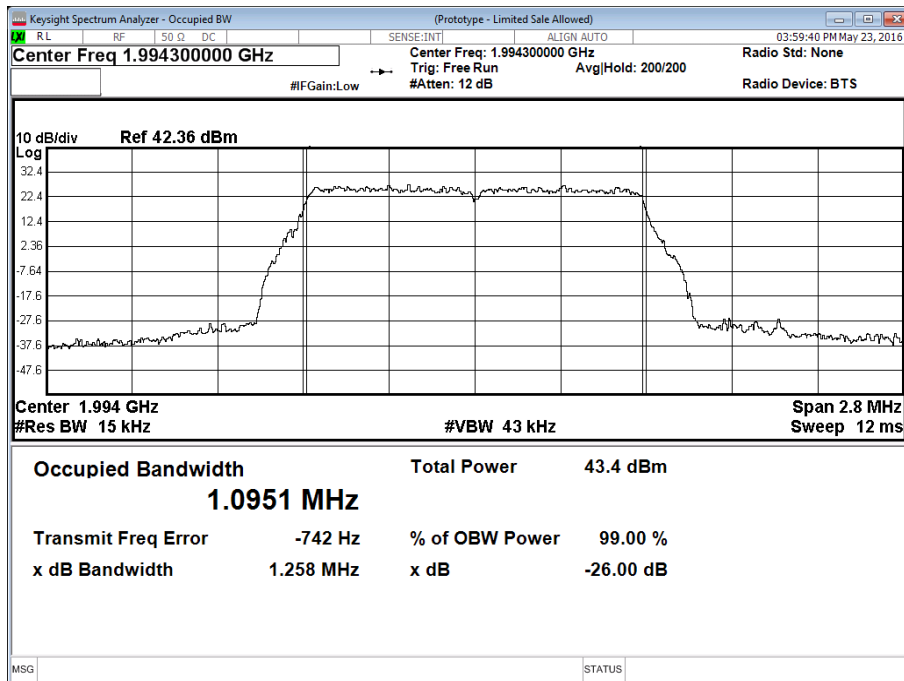
Channel Position M - Bandwidth 15.0 MHz - Antenna B



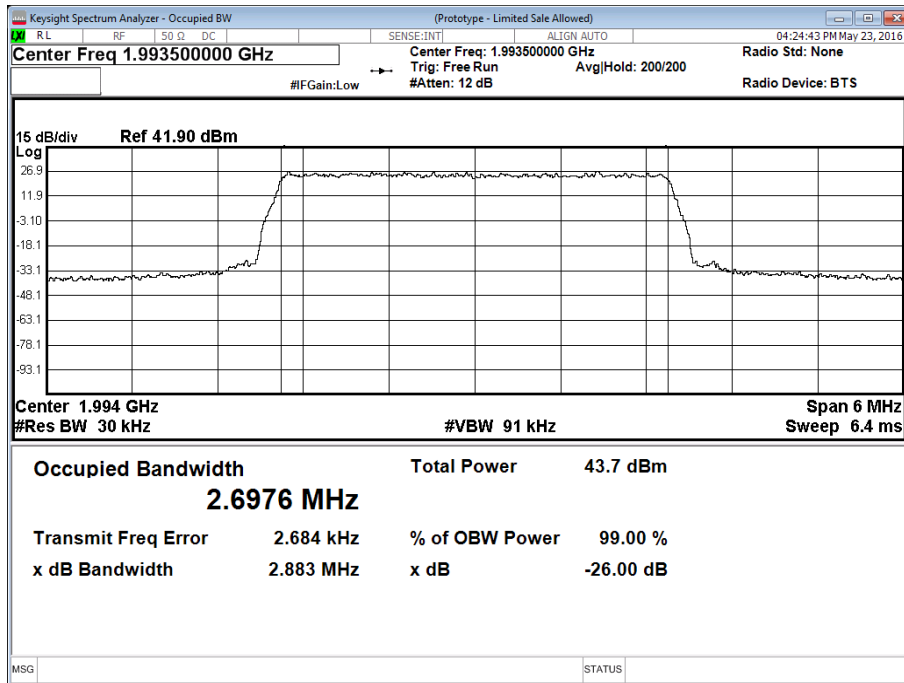
Channel Position M - Bandwidth 20.0 MHz - Antenna B



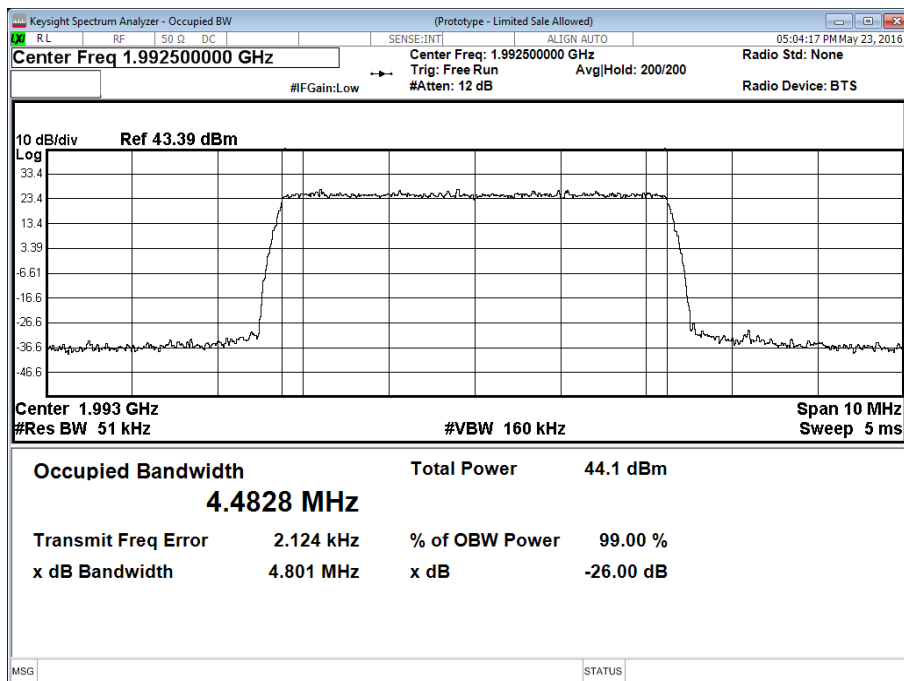
Channel Position T - Bandwidth 1.4 MHz - Antenna B



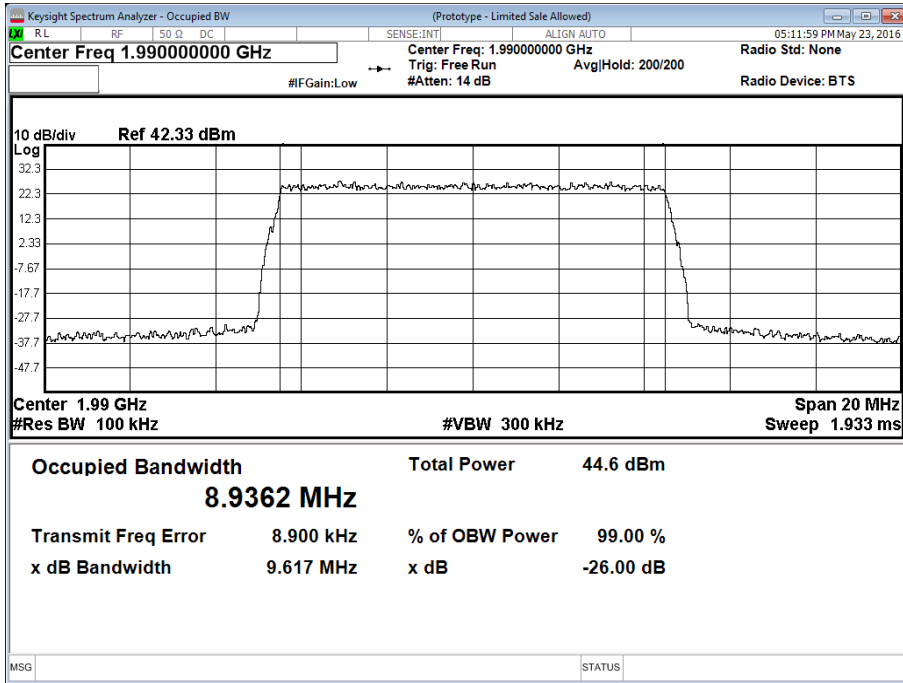
Channel Position T - Bandwidth 3.0 MHz - Antenna B



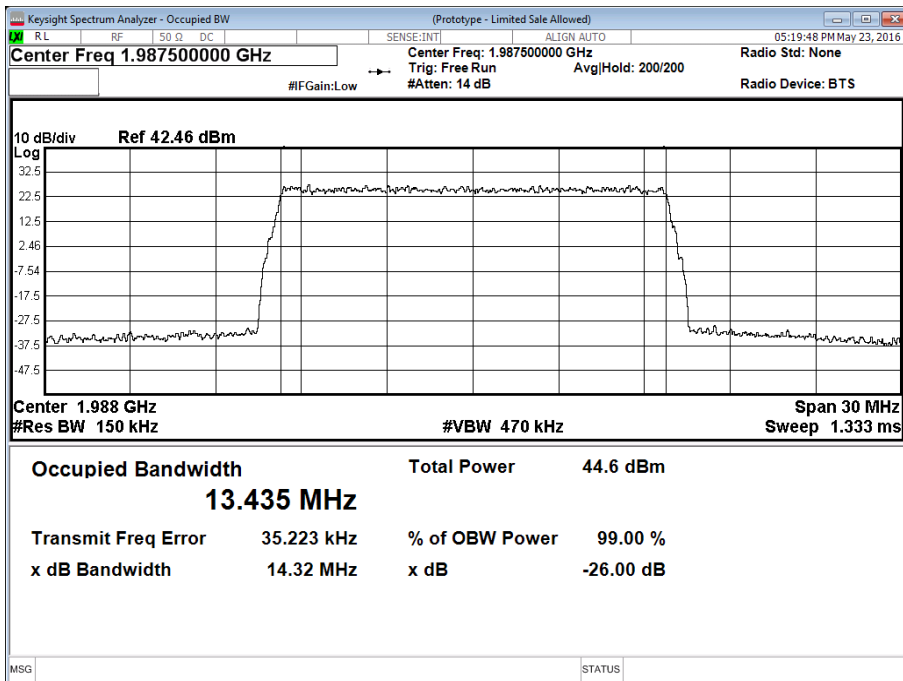
Channel Position T - Bandwidth 5.0 MHz - Antenna B



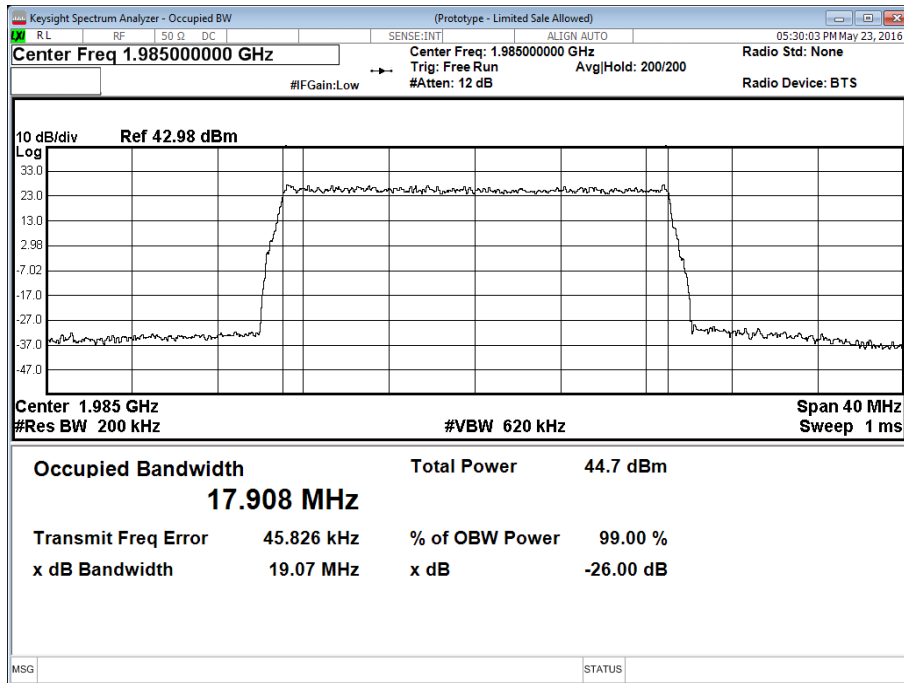
Channel Position T - Bandwidth 10.0 MHz - Antenna B



Channel Position T - Bandwidth 15.0 MHz - Antenna B



Channel Position T - Bandwidth 20.0 MHz - Antenna B

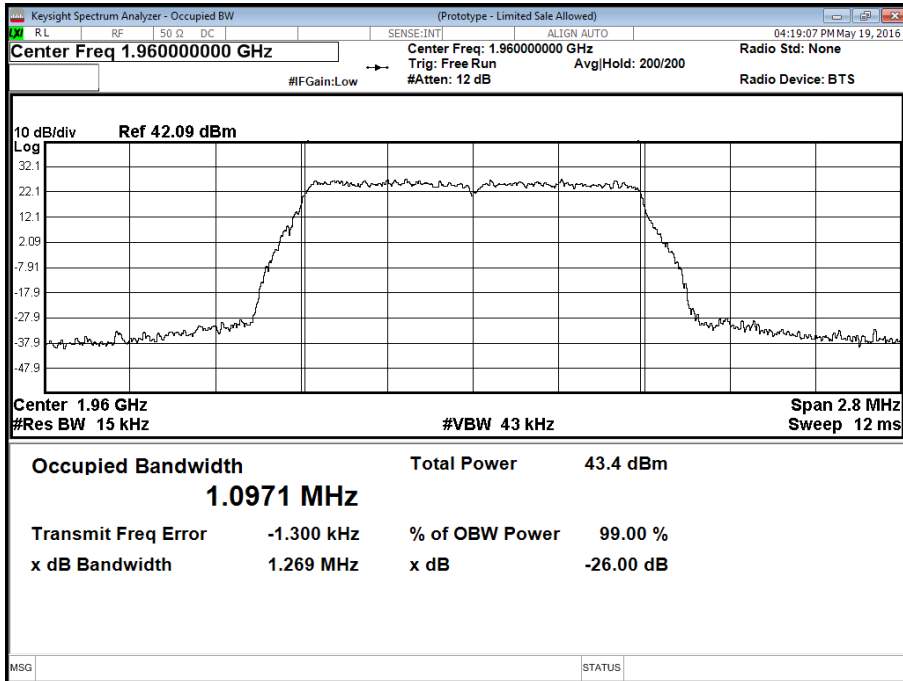


Configuration L

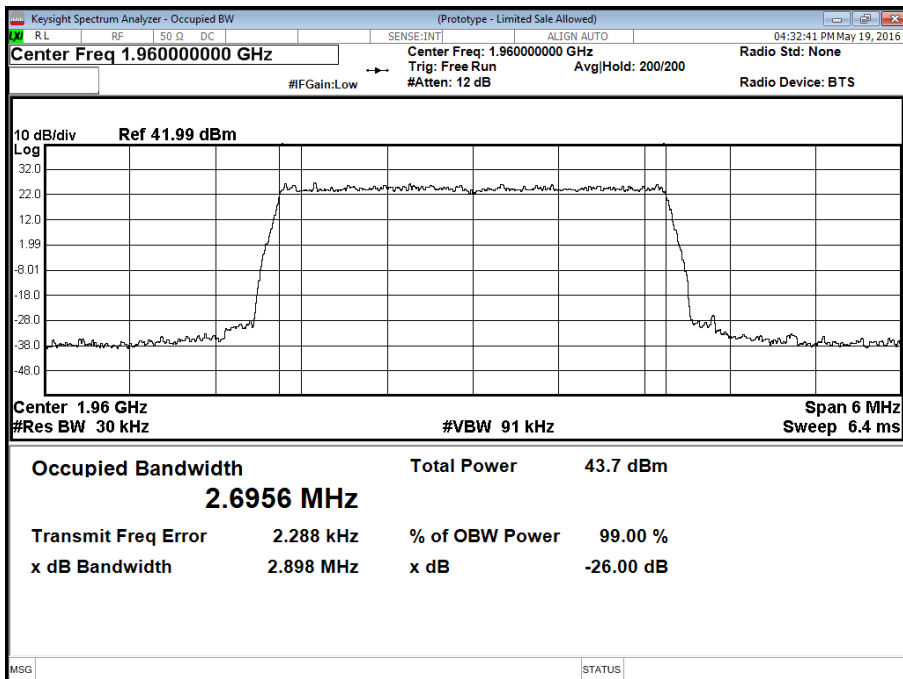
Maximum Output Power 37 dBm

Carrier Bandwidth / Modulation	Result (KHz)			
	Channel Position M		Channel Position T	
	Occupied Bandwidth	-26 dB Bandwidth	Occupied Bandwidth	-26 dB Bandwidth
1.4 MHz / QPSK	1,097.07	1,268.80	1,094.81	1,253.69
3.0 MHz / QPSK	2,695.61	2,898.36	2,696.24	2,897.11
5.0 MHz / QPSK	4,484.51	4,809.68	4,481.78	4,812.35
10.0 MHz / QPSK	8,951.84	9,377.78	8,948.38	9,357.43
15.0 MHz / QPSK	13,416.43	13,952.85	13,409.79	13,984.58
20.0 MHz / QPSK	17,883.07	18,516.84	17,847.32	18,501.83

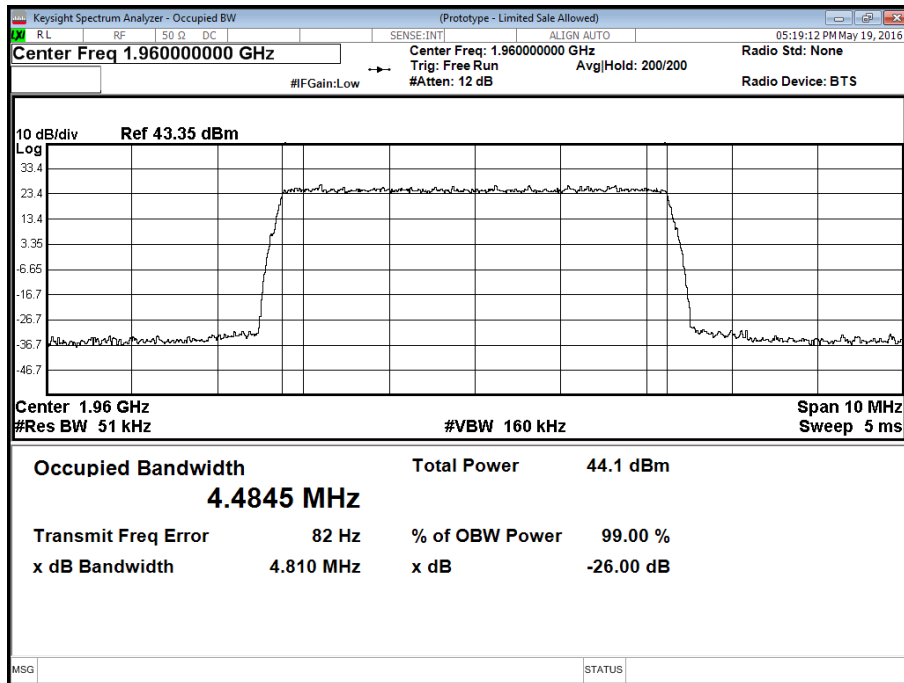
Channel Position M - Bandwidth 1.4 MHz - Antenna A



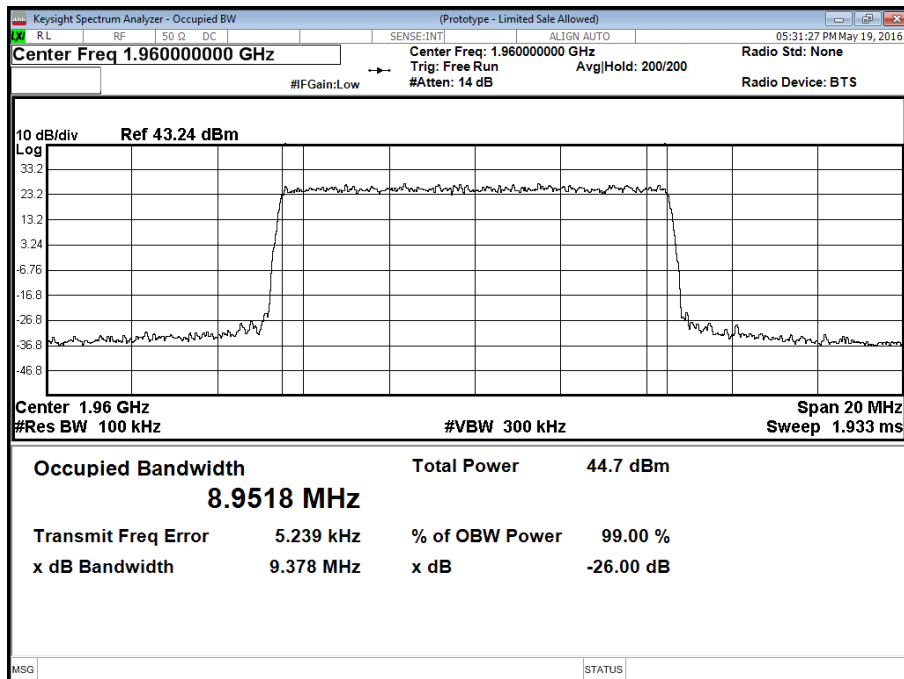
Channel Position M - Bandwidth 3.0 MHz - Antenna A



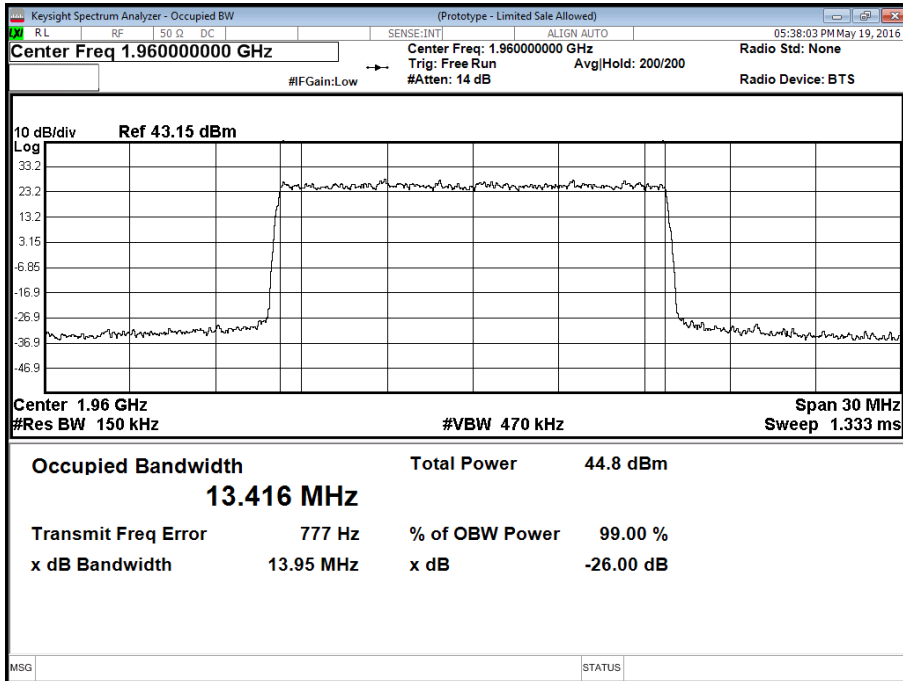
Channel Position M - Bandwidth 5.0 MHz - Antenna A



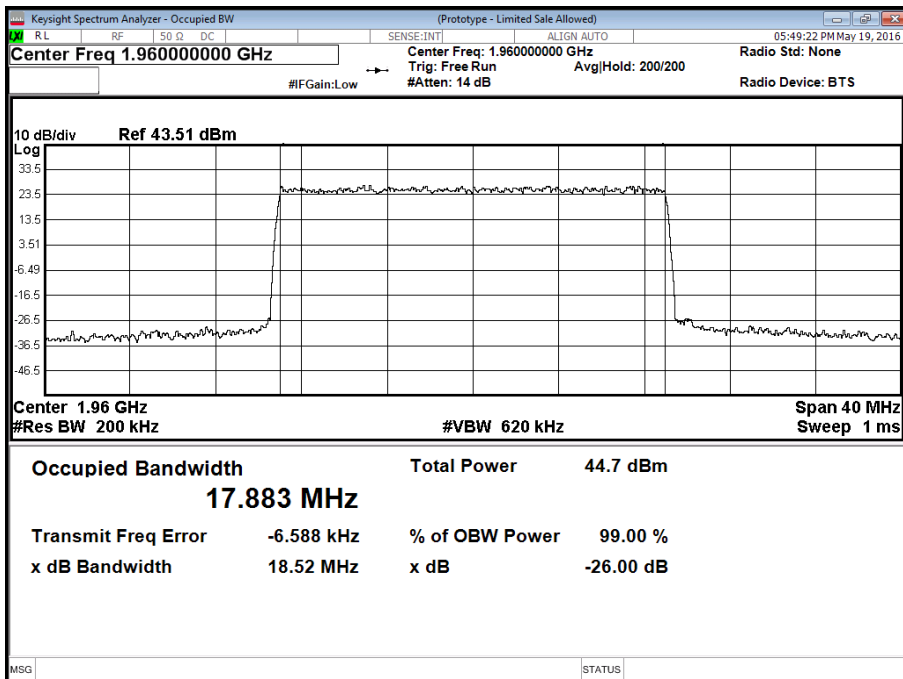
Channel Position M - Bandwidth 10.0 MHz - Antenna A



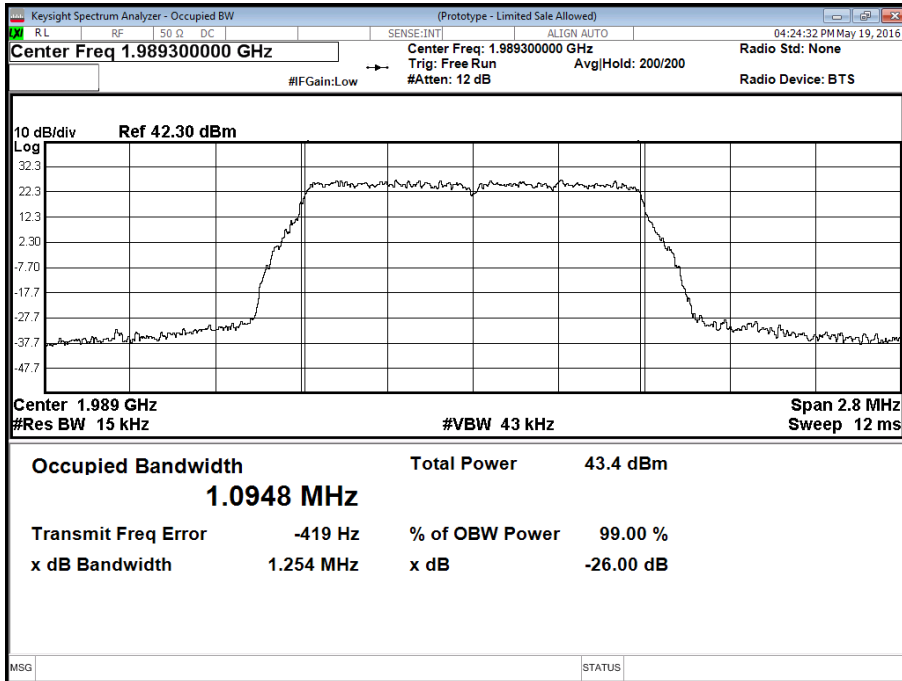
Channel Position M - Bandwidth 15.0 MHz - Antenna A



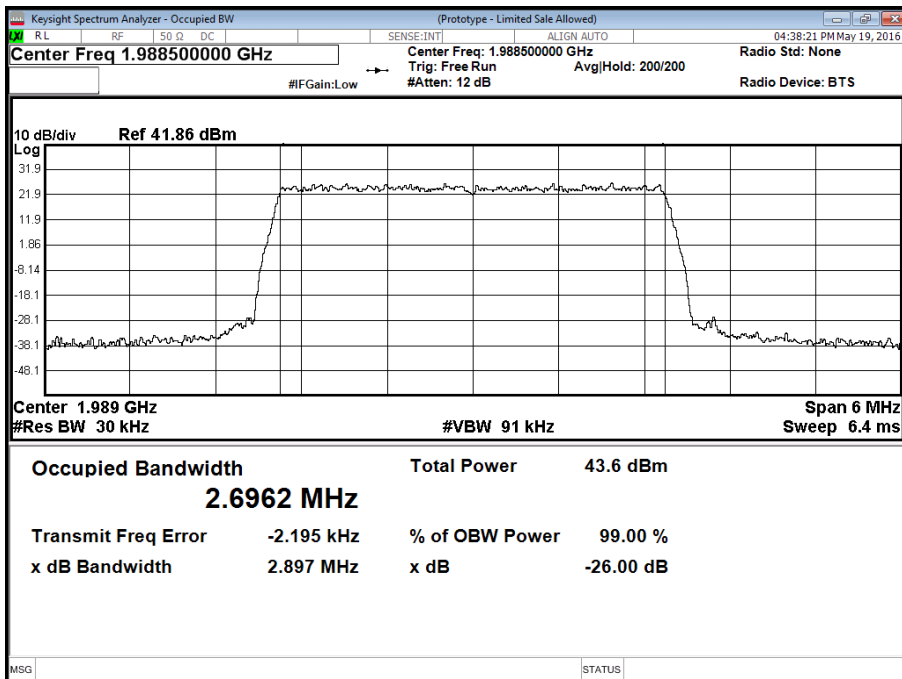
Channel Position M - Bandwidth 20.0 MHz - Antenna A



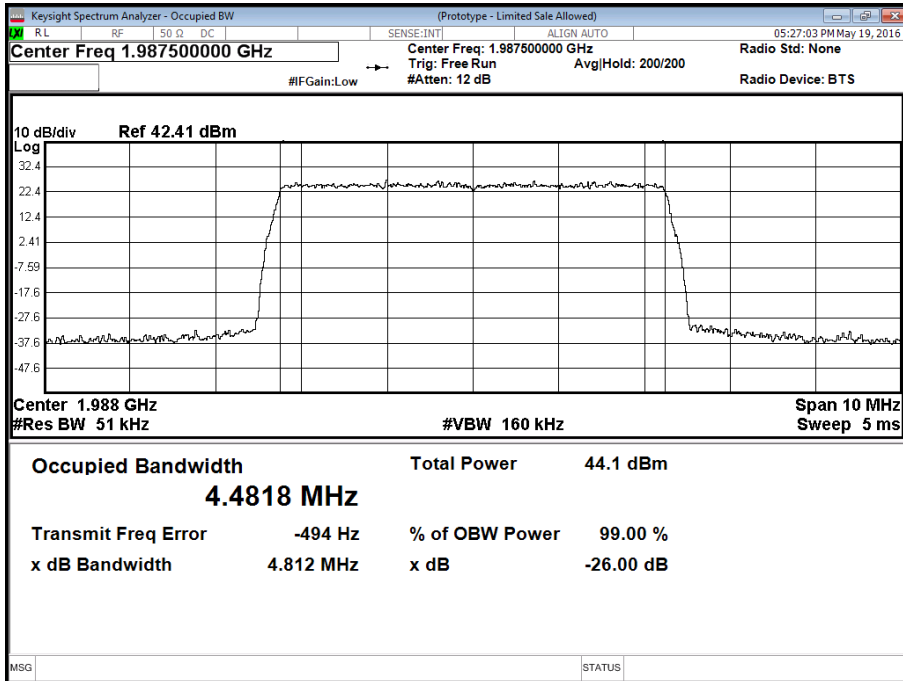
Channel Position T - Bandwidth 1.4 MHz - Antenna A



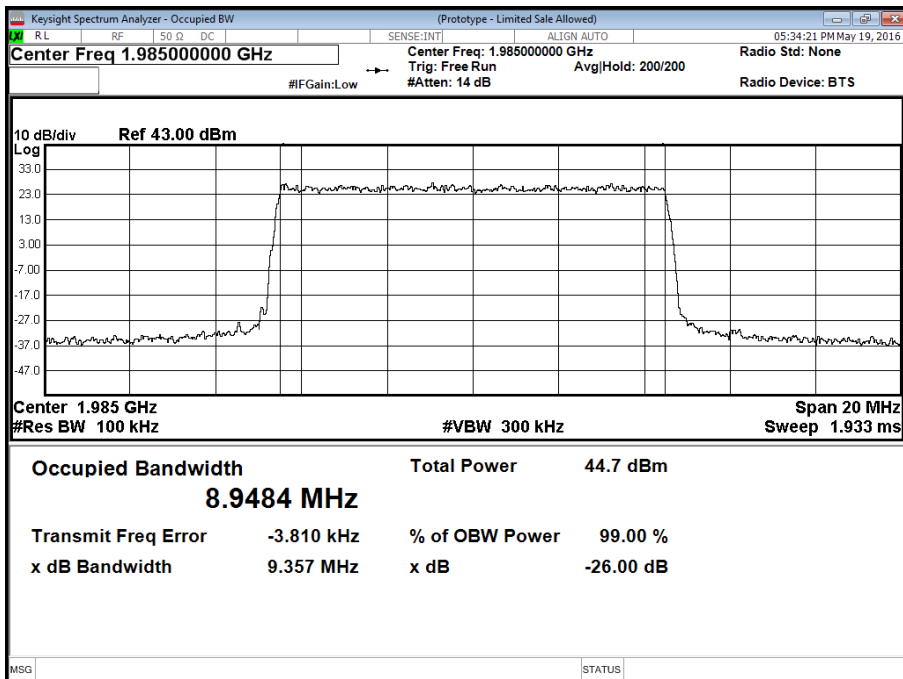
Channel Position T - Bandwidth 3.0 MHz - Antenna A



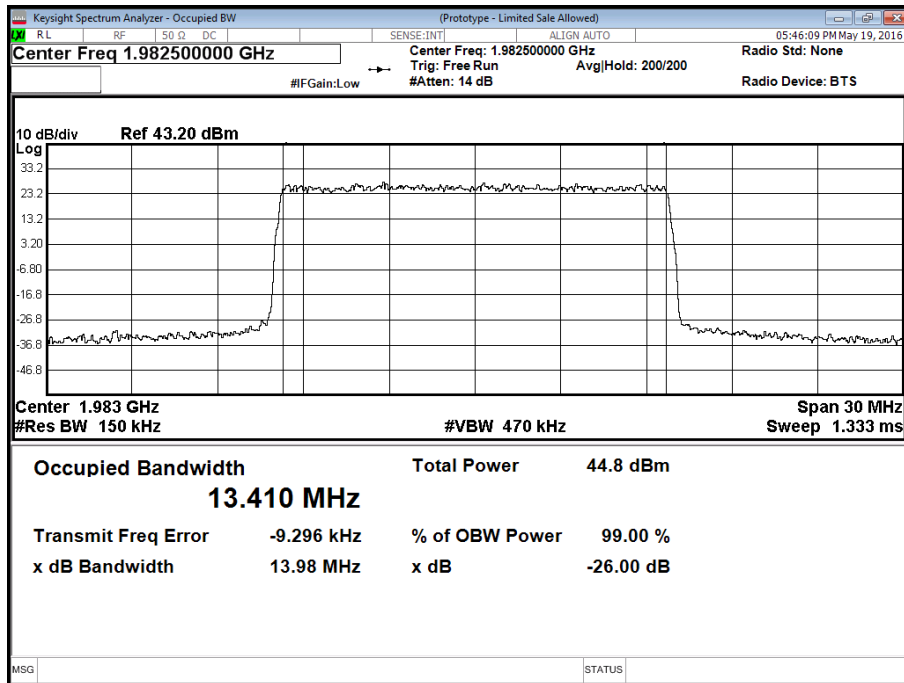
Channel Position T - Bandwidth 5.0 MHz - Antenna A



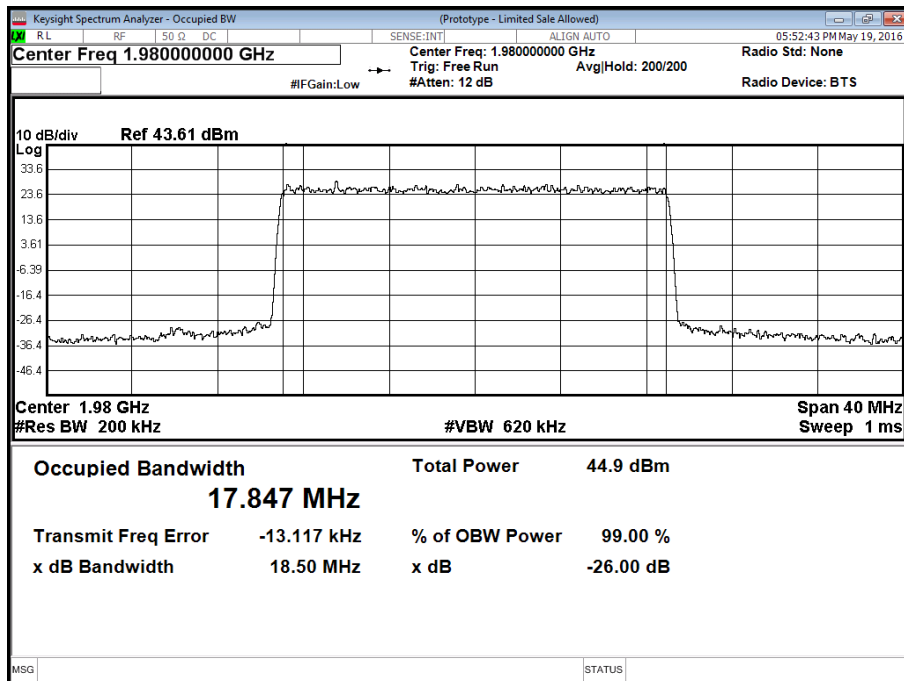
Channel Position T - Bandwidth 10.0 MHz - Antenna A



Channel Position T - Bandwidth 15.0 MHz - Antenna A



Channel Position T - Bandwidth 20.0 MHz - Antenna A



Configuration L

Maximum Output Power 37 dBm

Carrier Bandwidth / Modulation	Result (KHz)			
	Channel Position M		Channel Position T	
	Occupied Bandwidth	-26 dB Bandwidth	Occupied Bandwidth	-26 dB Bandwidth
1.4 MHz / QPSK	1,097.33	1,262.77	1,094.82	1,266.42
3.0 MHz / QPSK	2,695.75	2,902.83	2,691.90	2,900.70
5.0 MHz / QPSK	4,485.40	4,795.29	4,480.10	4,806.82
10.0 MHz / QPSK	8,953.79	9,634.99	8,944.65	9,611.47
15.0 MHz / QPSK	13,437.17	14,385.80	13,454.70	14,341.89
20.0 MHz / QPSK	17,892.29	19,226.43	17,880.45	19,066.33

Channel Position M - Bandwidth 1.4 MHz - Antenna B

