



Appendix A

Transmitter Output Power

According to FCC Part 2.1046 & Part24.232



Conducted Power of Transmitter

Table 1 Measurement Results

TEST CONDITIONS		RF Output Power (Conducted)					
		Channel512(B)		Channel661(M)		Channel810(T)	
		1850.2MHz		1880.0MHz		1909.8MHz	
		dBm		dBm		dBm	
T_{nom} / V_{nom}		Measured	Limit	Measured	Limit	Measured	Limit
TM1		28.78	33	28.91	33	28.95	33
TM2		24.19	33	24.43	33	24.65	33
TEST CONDITIONS		Channel9262(B)		Channel9400(M)		Channel9538(T)	
		1852.4MHz		1880.0MHz		1907.6MHz	
		dBm		dBm		dBm	
		T_{nom} / V_{nom}		Measured	Limit	Measured	Limit
TM3		22.01	33	22.02	33	22.03	33
TM4	Case1	21.87	33	21.81	33	21.89	33
	Case2	21.84	33	21.71	33	21.86	33
	Case3	21.59	33	21.91	33	21.88	33
	Case4	21.71	33	22.03	33	22.17	33
TM5	Case1	21.03	33	20.86	33	21.05	33
	Case2	20.19	33	20.06	33	20.23	33
	Case3	20.11	33	20.01	33	20.06	33
	Case4	19.96	33	19.92	33	19.94	33
	Case5	21.08	33	20.96	33	21.02	33



Table 2 Measurement Results (LTE) BAND 2

TM6 & TM7 RF Output Power(Conducted) BAND 2				
Test Mode	TN/VN			
	Modulation	RB	Measured (dBm)	Limit (dBm)
Channel (B) 5MHz(BW)	QPSK	1RB#0	22.12	33
		1RB#max	22.36	33
		12RB#6	21.75	33
		Full	21.69	33
	16QAM	1RB#0	21.54	33
		1RB#max	21.81	33
		12RB#6	21.08	33
		Full	20.94	33
Channel (B) 10MHz(BW)	QPSK	1RB#0	21.82	33
		1RB#max	21.3	33
		25RB#13	21.61	33
		Full	21.3	33
	16QAM	1RB#0	21.57	33
		1RB#max	21.96	33
		25RB#13	20.81	33
		Full	20.5	33
Channel (B) 15MHz(BW)	QPSK	1RB#0	22.53	33
		1RB#max	22.64	33
		36RB#18	21.65	33
		Full	21.48	33
	16QAM	1RB#0	21.99	33
		1RB#max	21.94	33
		36RB#18	20.91	33
		Full	20.76	33
Channel (B) 20MHz(BW)	QPSK	1RB#0	22.6	33
		1RB#max	22.69	33
		50RB#25	21.51	33
		Full	21.61	33
	16QAM	1RB#0	22.06	33
		1RB#max	22.18	33
		50RB#25	20.92	33



		Full	20.9	33
Channel (M) 5MHz(BW)	QPSK	1RB#0	21.96	33
		1RB#max	22.36	33
		12RB#6	21.4	33
		Full	21.4	33
	16QAM	1RB#0	21.27	33
		1RB#max	21.57	33
		12RB#6	20.64	33
		Full	20.64	33
Channel (M) 10MHz(BW)	QPSK	1RB#0	21.94	33
		1RB#max	22.5	33
		25RB#13	21.42	33
		Full	21.23	33
	16QAM	1RB#0	21.32	33
		1RB#max	22.2	33
		25RB#13	20.74	33
		Full	20.53	33
Channel (M) 15MHz(BW)	QPSK	1RB#0	22.26	33
		1RB#max	22.47	33
		36RB#18	21.67	33
		Full	21.3	33
	16QAM	1RB#0	21.76	33
		1RB#max	22.17	33
		36RB#18	20.85	33
		Full	20.65	33
Channel (M) 20MHz(BW)	QPSK	1RB#0	22.45	33
		1RB#max	22.52	33
		50RB#25	21.72	33
		Full	21.58	33
	16QAM	1RB#0	22.05	33
		1RB#max	22.21	33
		50RB#25	20.8	33
		Full	20.66	33
Channel (T) 5MHz(BW)	QPSK	1RB#0	22.08	33
		1RB#max	21.49	33
		12RB#6	21.45	33
		Full	21.33	33



	16QAM	1RB#0	21.65	33
		1RB#max	21	33
		12RB#6	20.57	33
		Full	20.42	33
Channel (T) 10MHz(BW)	QPSK	1RB#0	22.45	33
		1RB#max	21.76	33
		25RB#13	21.31	33
		Full	21.24	33
	16QAM	1RB#0	21.99	33
		1RB#max	21.46	33
		25RB#13	20.55	33
		Full	20.46	33
Channel (T) 15MHz(BW)	QPSK	1RB#0	22.55	33
		1RB#max	21.84	33
		36RB#18	21.77	33
		Full	21.62	33
	16QAM	1RB#0	22.14	33
		1RB#max	21.29	33
		36RB#18	20.9	33
		Full	20.95	33
Channel (T) 20MHz(BW)	QPSK	1RB#0	22.42	33
		1RB#max	21.73	33
		50RB#25	21.87	33
		Full	21.76	33
	16QAM	1RB#0	22.02	33
		1RB#max	21.38	33
		50RB#25	21.2	33
		Full	21.11	33



Peak-to-Average Ratio

		Peak-to-Average Ratio					
TEST CONDITIONS		Channel512(B)		Channel661(M)		Channel810(T)	
		1850.2MHz		1880.0MHz		1909.8MHz	
		dB		dB		dB	
T_{nom} / V_{nom}		Measured	Limit	Measure d	Limit	Measure d	Limit
TM1		0.2	13.0	0.1	13.0	0.2	13.0
TM2		0.4	13.0	0.3	13.0	0.4	13.0
TEST CONDITIONS		Channel9262(B)		Channel9400(M)		Channel9538(T)	
		1852.4MHz		1880.0MHz		1907.6MHz	
		dB		dB		dB	
T_{nom} / V_{nom}		Measured	Limit	Measure d	Limit	Measure d	Limit
TM3		3.02	13.0	3.05	13.0	3.04	13.0
TM4	Case1	3.03	13.0	3.01	13.0	2.99	13.0
	Case2	2.94	13.0	2.95	13.0	2.98	13.0
	Case3	2.92	13.0	2.93	13.0	2.97	13.0
	Case4	2.96	13.0	2.91	13.0	2.96	13.0
TM5	Case1	3.14	13	2.97	13	3.19	13
	Case2	3.15	13	2.93	13	3.22	13
	Case3	3.12	13	2.95	13	3.15	13
	Case4	3.13	13	2.98	13	3.18	13
	Case5	3.22	13	2.84	13	2.96	13



TM6 & TM7 Peak-to-Average Ratio				
Test Mode	TN/VN			
	Modulation	RB	Measured (dB)	Limit (dB)
Channel (B) 5MHz(BW)	QPSK	1RB#0	5.22	13
		1RB#max	5.32	13
		12RB#6	5.18	13
		Full	5.23	13
	16QAM	1RB#0	5.99	13
		1RB#max	6.02	13
		12RB#6	5.92	13
		Full	5.96	13
Channel (B) 10MHz(BW)	QPSK	1RB#0	5.4	13
		1RB#max	5.44	13
		25RB#13	5.47	13
		Full	5.49	13
	16QAM	1RB#0	6.18	13
		1RB#max	6.17	13
		25RB#13	6.21	13
		Full	6.3	13
Channel (B) 15MHz(BW)	QPSK	1RB#0	5.73	13
		1RB#max	5.77	13
		36RB#18	5.78	13
		Full	5.79	13
	16QAM	1RB#0	6.42	13
		1RB#max	6.39	13
		36RB#18	6.4	13
		Full	6.44	13
Channel (B) 20MHz(BW)	QPSK	1RB#0	5.45	13
		1RB#max	5.48	13
		50RB#25	5.38	13
		Full	5.49	13
	16QAM	1RB#0	6.23	13
		1RB#max	6.22	13
		50RB#25	6.21	13
		Full	6.26	13



Channel (M) 5MHz(BW)	QPSK	1RB#0	5.64	13
		1RB#max	5.6	13
		12RB#6	5.56	13
		Full	5.67	13
	16QAM	1RB#0	6.45	13
		1RB#max	6.41	13
		12RB#6	6.42	13
		Full	6.5	13
Channel (M) 10MHz(BW)	QPSK	1RB#0	5.5	13
		1RB#max	5.46	13
		25RB#13	5.48	13
		Full	5.51	13
	16QAM	1RB#0	6.2	13
		1RB#max	6.18	13
		25RB#13	6.25	13
		Full	6.31	13
Channel (M) 15MHz(BW)	QPSK	1RB#0	5.76	13
		1RB#max	5.82	13
		36RB#18	5.83	13
		Full	5.86	13
	16QAM	1RB#0	6.46	13
		1RB#max	6.41	13
		36RB#18	6.43	13
		Full	6.47	13
Channel (M) 20MHz(BW)	QPSK	1RB#0	5.52	13
		1RB#max	5.48	13
		50RB#25	5.42	13
		Full	5.54	13
	16QAM	1RB#0	6.25	13
		1RB#max	6.2	13
		50RB#25	6.27	13
		Full	6.28	13
Channel (T) 5MHz(BW)	QPSK	1RB#0	5.61	13
		1RB#max	5.58	13
		12RB#6	5.53	13
		Full	5.65	13
	16QAM	1RB#0	6.42	13



		1RB#max	6.38	13
		12RB#6	6.4	13
		Full	6.48	13
Channel (T) 10MHz(BW)	QPSK	1RB#0	5.43	13
		1RB#max	5.46	13
		25RB#13	5.47	13
		Full	5.48	13
	16QAM	1RB#0	6.24	13
		1RB#max	6.22	13
		25RB#13	6.25	13
		Full	6.29	13
Channel (T) 15MHz(BW)	QPSK	1RB#0	5.71	13
		1RB#max	5.75	13
		36RB#18	5.77	13
		Full	5.81	13
	16QAM	1RB#0	6.36	13
		1RB#max	6.18	13
		36RB#18	6.21	13
		Full	6.26	13
Channel (T) 20MHz(BW)	QPSK	1RB#0	5.45	13
		1RB#max	5.58	13
		50RB#25	5.33	13
		Full	5.48	13
	16QAM	1RB#0	6.63	13
		1RB#max	6.33	13
		50RB#25	6.63	13
		Full	6.53	13



Effective Isotropic Radiated Power of Transmitter (EIRP)

Test Mode	Freq. [MHz]	Meas. Level [dBm]	Substitution Antenna Type	SGP [dBm]	Substitution Gain [dBi]	Cable Loss [dB]	Substitution Level (EIRP)	FCC limit [dBm]	Result
							[dBm]		
TM1	1850.2	32.38	Horn Ant.	28.86	4.5	1	32.36	33	Pass
TM1	1880.0	32.51	Horn Ant.	29.02	4.5	1	32.52	33	Pass
TM1	1909.8	32.55	Horn Ant.	28.74	4.8	1	32.54	33	Pass
TM2	1850.2	27.79	Horn Ant.	24.27	4.5	1	27.77	33	Pass
TM2	1880.0	28.03	Horn Ant.	24.54	4.5	1	28.04	33	Pass
TM2	1909.8	28.25	Horn Ant.	24.41	4.8	1	28.21	33	Pass
TM3	1852.4	25.61	Horn Ant.	22.15	4.5	1	25.65	33	Pass
TM3	1880.0	25.61	Horn Ant.	22.13	4.5	1	25.63	33	Pass
TM3	1907.6	25.63	Horn Ant.	21.87	4.8	1	25.67	33	Pass

Test Mode			Meas. Level [dBm]	Substitution Antenna Type	SGP[dBm]	Substitution Gain [dBi]	Cable Loss [dB]	Substitution Level (EIRP) [dBm]	FCC limit [dBm]	Result
Channel	Modulation	RB								
Channel (B) 5MHz(BW)	QPSK	1RB#0	25.72	Horn Ant.	22.04	4.5	1	25.54	33	Pass
		1RB#max	25.96	Horn Ant.	22.28	4.5	1	25.78	33	Pass
		12RB#6	25.35	Horn Ant.	21.67	4.5	1	25.17	33	Pass
		Full	25.29	Horn Ant.	21.61	4.5	1	25.11	33	Pass
	16QAM	1RB#0	25.14	Horn Ant.	21.46	4.5	1	24.96	33	Pass
		1RB#max	25.41	Horn Ant.	21.73	4.5	1	25.23	33	Pass



		12RB#6	24.68	Horn Ant.	21	4.5	1	24.5	33	Pass
		Full	24.54	Horn Ant.	20.86	4.5	1	24.36	33	Pass
Channel (B) 10MHz(BW)	QPSK	1RB#0	25.42	Horn Ant.	21.74	4.5	1	25.24	33	Pass
		1RB#max	24.9	Horn Ant.	21.22	4.5	1	24.72	33	Pass
		25RB#13	25.21	Horn Ant.	21.53	4.5	1	25.03	33	Pass
		Full	24.9	Horn Ant.	21.22	4.5	1	24.72	33	Pass
	16QAM	1RB#0	25.17	Horn Ant.	21.49	4.5	1	24.99	33	Pass
		1RB#max	25.56	Horn Ant.	21.88	4.5	1	25.38	33	Pass
		25RB#13	24.41	Horn Ant.	20.73	4.5	1	24.23	33	Pass
		Full	24.1	Horn Ant.	20.42	4.5	1	23.92	33	Pass
Channel (B) 15MHz(BW)	QPSK	1RB#0	26.13	Horn Ant.	22.45	4.5	1	25.95	33	Pass
		1RB#max	26.24	Horn Ant.	22.56	4.5	1	26.06	33	Pass
		36RB#18	25.25	Horn Ant.	21.57	4.5	1	25.07	33	Pass
		Full	25.08	Horn Ant.	21.4	4.5	1	24.9	33	Pass
	16QAM	1RB#0	25.59	Horn Ant.	21.91	4.5	1	25.41	33	Pass
		1RB#max	25.54	Horn Ant.	21.86	4.5	1	25.36	33	Pass
		36RB#18	24.51	Horn Ant.	20.83	4.5	1	24.33	33	Pass
		Full	24.36	Horn Ant.	20.68	4.5	1	24.18	33	Pass
Channel (B)	QPSK	1RB#0	26.2	Horn Ant.	22.52	4.5	1	26.02	33	Pass



20MHz(B W)		1RB#max	26.29	Horn Ant.	22.61	4.5	1	26.11	33	Pass
		50RB#25	25.11	Horn Ant.	21.43	4.5	1	24.93	33	Pass
		Full	25.21	Horn Ant.	21.53	4.5	1	25.03	33	Pass
	16QAM	1RB#0	25.66	Horn Ant.	21.98	4.5	1	25.48	33	Pass
		1RB#max	25.78	Horn Ant.	22.1	4.5	1	25.6	33	Pass
		50RB#25	24.52	Horn Ant.	20.84	4.5	1	24.34	33	Pass
		Full	24.5	Horn Ant.	20.82	4.5	1	24.32	33	Pass
	Channel (M) 5MHz(B W)	QPSK	1RB#0	25.56	Horn Ant.	21.88	4.5	1	25.38	33
1RB#max			25.96	Horn Ant.	22.28	4.5	1	25.78	33	Pass
12RB#6			25	Horn Ant.	21.32	4.5	1	24.82	33	Pass
Full			25	Horn Ant.	21.32	4.5	1	24.82	33	Pass
16QAM		1RB#0	24.87	Horn Ant.	21.19	4.5	1	24.69	33	Pass
		1RB#max	25.17	Horn Ant.	21.49	4.5	1	24.99	33	Pass
		12RB#6	24.24	Horn Ant.	20.56	4.5	1	24.06	33	Pass
		Full	24.24	Horn Ant.	20.56	4.5	1	24.06	33	Pass
Channel (M) 10MHz(B W)	QPSK	1RB#0	25.54	Horn Ant.	21.86	4.5	1	25.36	33	Pass
		1RB#max	26.1	Horn Ant.	22.42	4.5	1	25.92	33	Pass
		25RB#13	25.02	Horn Ant.	21.34	4.5	1	24.84	33	Pass
		Full	24.83	Horn Ant.	21.15	4.5	1	24.65	33	Pass



	16QAM	1RB#0	24.92	Horn Ant.	21.24	4.5	1	24.74	33	Pass
		1RB#max	25.8	Horn Ant.	22.12	4.5	1	25.62	33	Pass
		25RB#13	24.34	Horn Ant.	20.66	4.5	1	24.16	33	Pass
		Full	24.13	Horn Ant.	20.45	4.5	1	23.95	33	Pass
Channel (M) 15MHz(BW)	QPSK	1RB#0	25.86	Horn Ant.	22.18	4.5	1	25.68	33	Pass
		1RB#max	26.07	Horn Ant.	22.39	4.5	1	25.89	33	Pass
		36RB#18	25.27	Horn Ant.	21.59	4.5	1	25.09	33	Pass
		Full	24.9	Horn Ant.	21.22	4.5	1	24.72	33	Pass
	16QAM	1RB#0	25.36	Horn Ant.	21.68	4.5	1	25.18	33	Pass
		1RB#max	25.77	Horn Ant.	22.09	4.5	1	25.59	33	Pass
		36RB#18	24.45	Horn Ant.	20.77	4.5	1	24.27	33	Pass
		Full	24.25	Horn Ant.	20.57	4.5	1	24.07	33	Pass
Channel (M) 20MHz(BW)	QPSK	1RB#0	26.05	Horn Ant.	22.37	4.5	1	25.87	33	Pass
		1RB#max	26.12	Horn Ant.	22.44	4.5	1	25.94	33	Pass
		50RB#25	25.32	Horn Ant.	21.64	4.5	1	25.14	33	Pass
		Full	25.18	Horn Ant.	21.5	4.5	1	25	33	Pass
	16QAM	1RB#0	25.65	Horn Ant.	21.97	4.5	1	25.47	33	Pass
		1RB#max	25.81	Horn Ant.	22.13	4.5	1	25.63	33	Pass
		50RB#25	24.4	Horn Ant.	20.72	4.5	1	24.22	33	Pass



		Full	24.26	Horn Ant.	20.58	4.5	1	24.08	33	Pass
Channel (T) 5MHz(BW)	QPSK	1RB#0	25.68	Horn Ant.	21.7	4.8	1	25.5	33	Pass
		1RB#max	25.09	Horn Ant.	21.11	4.8	1	24.91	33	Pass
		12RB#6	25.05	Horn Ant.	21.07	4.8	1	24.87	33	Pass
		Full	24.93	Horn Ant.	20.95	4.8	1	24.75	33	Pass
	16QAM	1RB#0	25.25	Horn Ant.	21.27	4.8	1	25.07	33	Pass
		1RB#max	24.6	Horn Ant.	20.62	4.8	1	24.42	33	Pass
		12RB#6	24.17	Horn Ant.	20.19	4.8	1	23.99	33	Pass
		Full	24.02	Horn Ant.	20.04	4.8	1	23.84	33	Pass
Channel (T) 10MHz(BW)	QPSK	1RB#0	26.05	Horn Ant.	22.07	4.8	1	25.87	33	Pass
		1RB#max	25.36	Horn Ant.	21.38	4.8	1	25.18	33	Pass
		25RB#13	24.91	Horn Ant.	20.93	4.8	1	24.73	33	Pass
		Full	24.84	Horn Ant.	20.86	4.8	1	24.66	33	Pass
	16QAM	1RB#0	25.59	Horn Ant.	21.61	4.8	1	25.41	33	Pass
		1RB#max	25.06	Horn Ant.	21.08	4.8	1	24.88	33	Pass
		25RB#13	24.15	Horn Ant.	20.17	4.8	1	23.97	33	Pass
		Full	24.06	Horn Ant.	20.08	4.8	1	23.88	33	Pass
Channel (T) 15MHz(BW)	QPSK	1RB#0	26.15	Horn Ant.	22.17	4.8	1	25.97	33	Pass
		1RB#max	25.44	Horn Ant.	21.46	4.8	1	25.26	33	Pass



		36RB#18	25.37	Horn Ant.	21.39	4.8	1	25.19	33	Pass	
		Full	25.22	Horn Ant.	21.24	4.8	1	25.04	33	Pass	
	16QAM	1RB#0	25.74	Horn Ant.	21.76	4.8	1	25.56	33	Pass	
		1RB#max	24.89	Horn Ant.	20.91	4.8	1	24.71	33	Pass	
		36RB#18	24.5	Horn Ant.	20.52	4.8	1	24.32	33	Pass	
		Full	24.55	Horn Ant.	20.57	4.8	1	24.37	33	Pass	
	Channel (T) 20MHz(BW)	QPSK	1RB#0	26.02	Horn Ant.	22.04	4.8	1	25.84	33	Pass
			1RB#max	25.33	Horn Ant.	21.35	4.8	1	25.15	33	Pass
			50RB#25	25.47	Horn Ant.	21.49	4.8	1	25.29	33	Pass
			Full	25.36	Horn Ant.	21.38	4.8	1	25.18	33	Pass
16QAM		1RB#0	25.62	Horn Ant.	21.64	4.8	1	25.44	33	Pass	
		1RB#max	24.98	Horn Ant.	21	4.8	1	24.8	33	Pass	
		50RB#25	24.8	Horn Ant.	20.82	4.8	1	24.62	33	Pass	
		Full	24.71	Horn Ant.	20.73	4.8	1	24.53	33	Pass	

Note: a, For getting the EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP=Signal Generator Level

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Appendix B

Modulation Characteristics

According to FCC Part 2.1047 & Part 24 Subpart E



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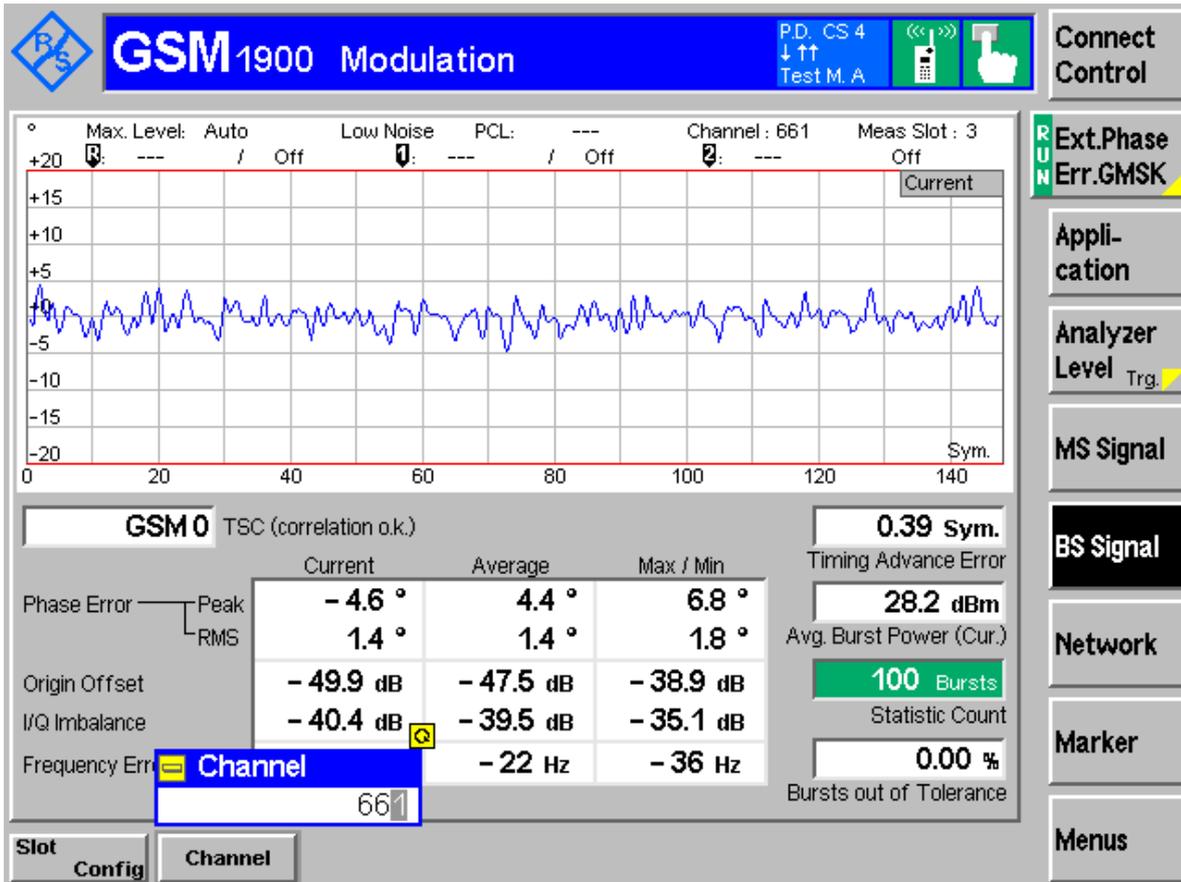
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1 For GPRS 1900

1.1 Test Mode=TM1

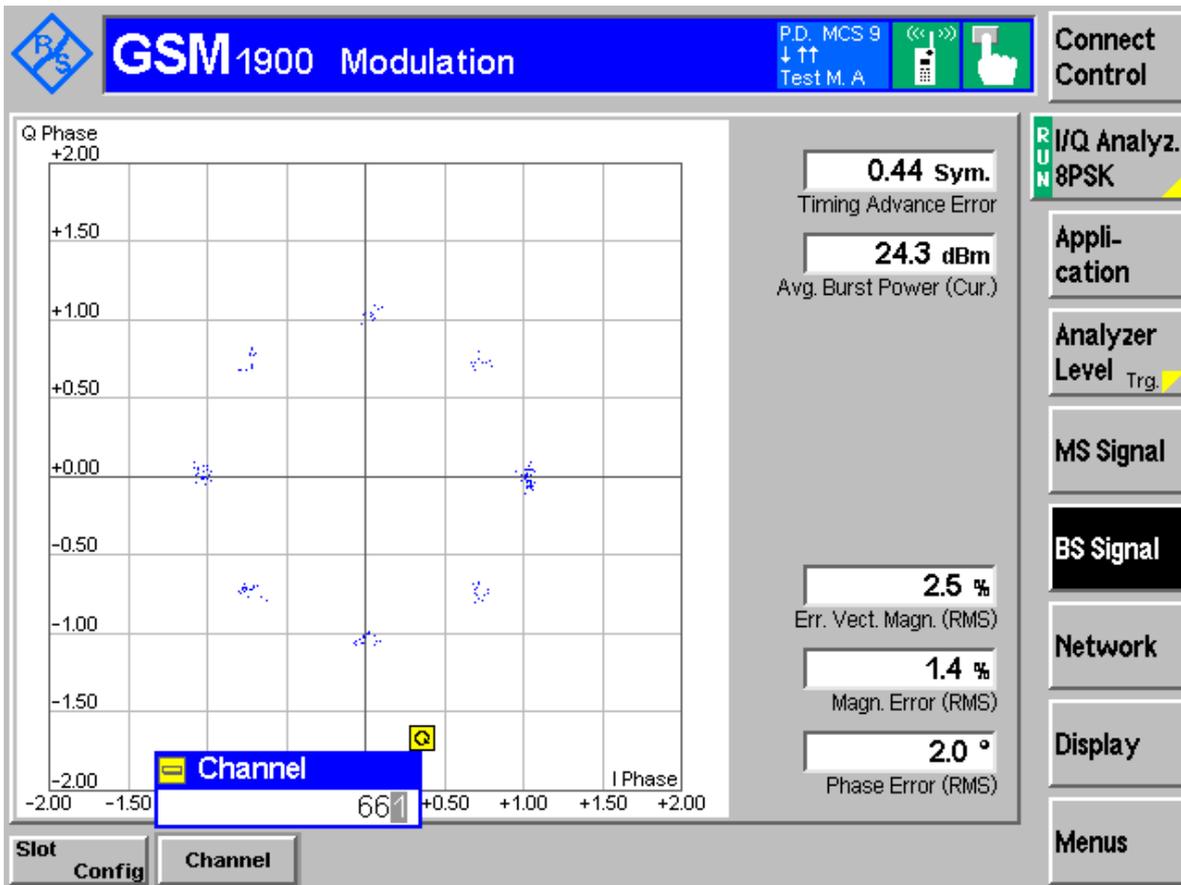
1.1.1 Channel = M



2 For EDGE 1900

2.1 Test Mode=TM2

2.1.1 Channel = M

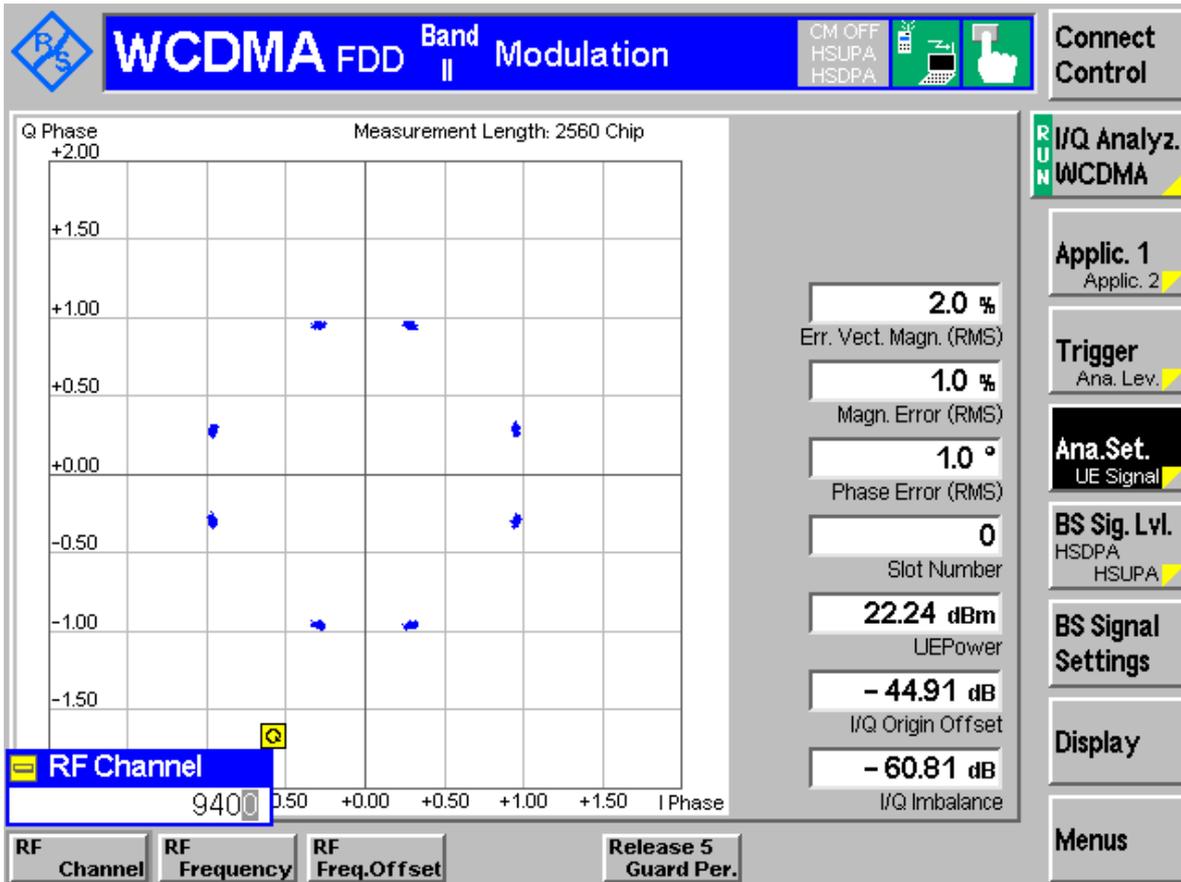




3 For WCDMA Band 2

3.1 Test Mode=TM3

3.1.1 Channel = M





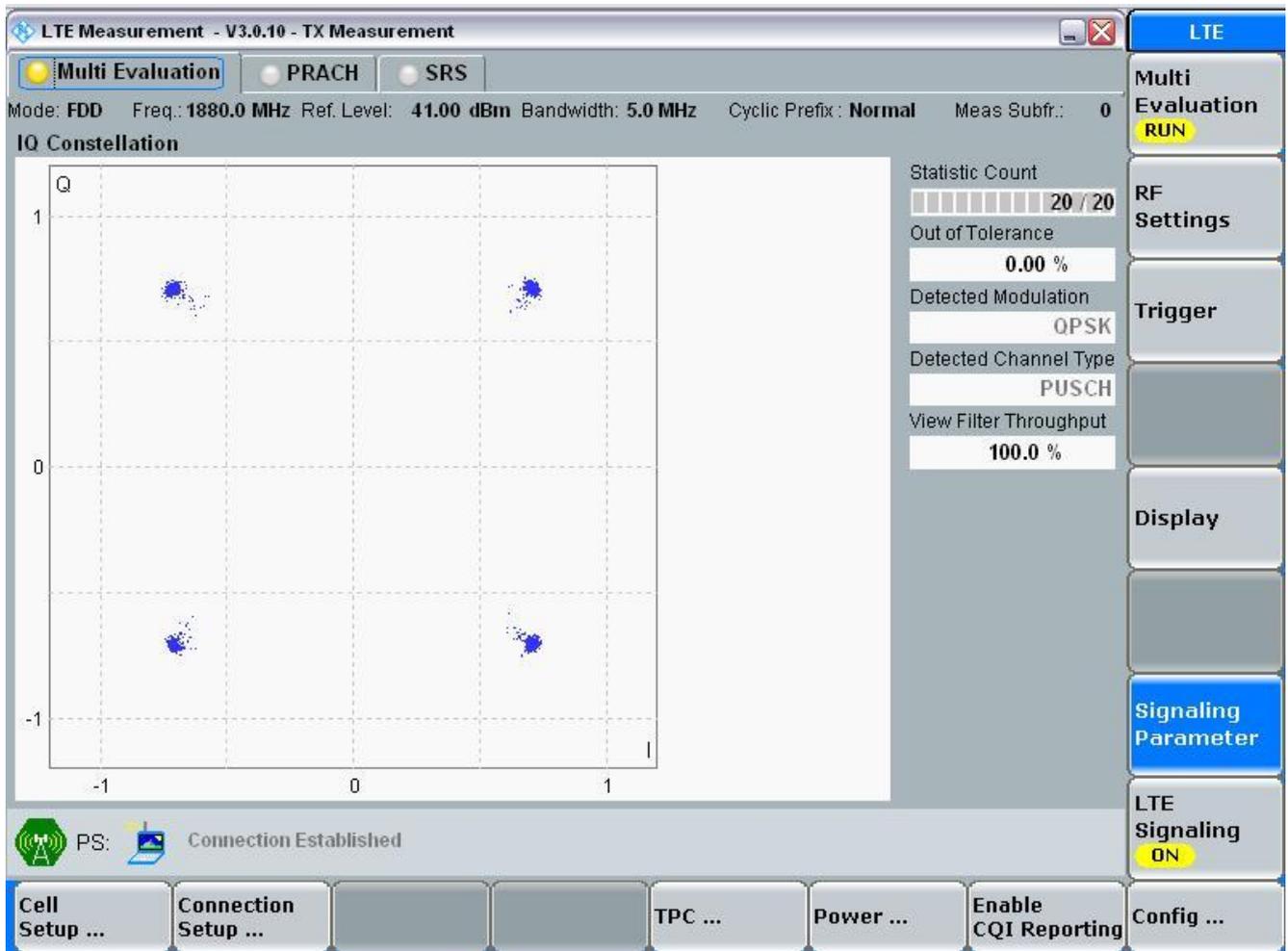
4 For LTE Band 2

4.1 Test Mode=TM6

4.1.1 Channel Bandwidth = 5 MHz

4.1.1.1 Channel =M

4.1.1.1.1 QPSK/full RBs

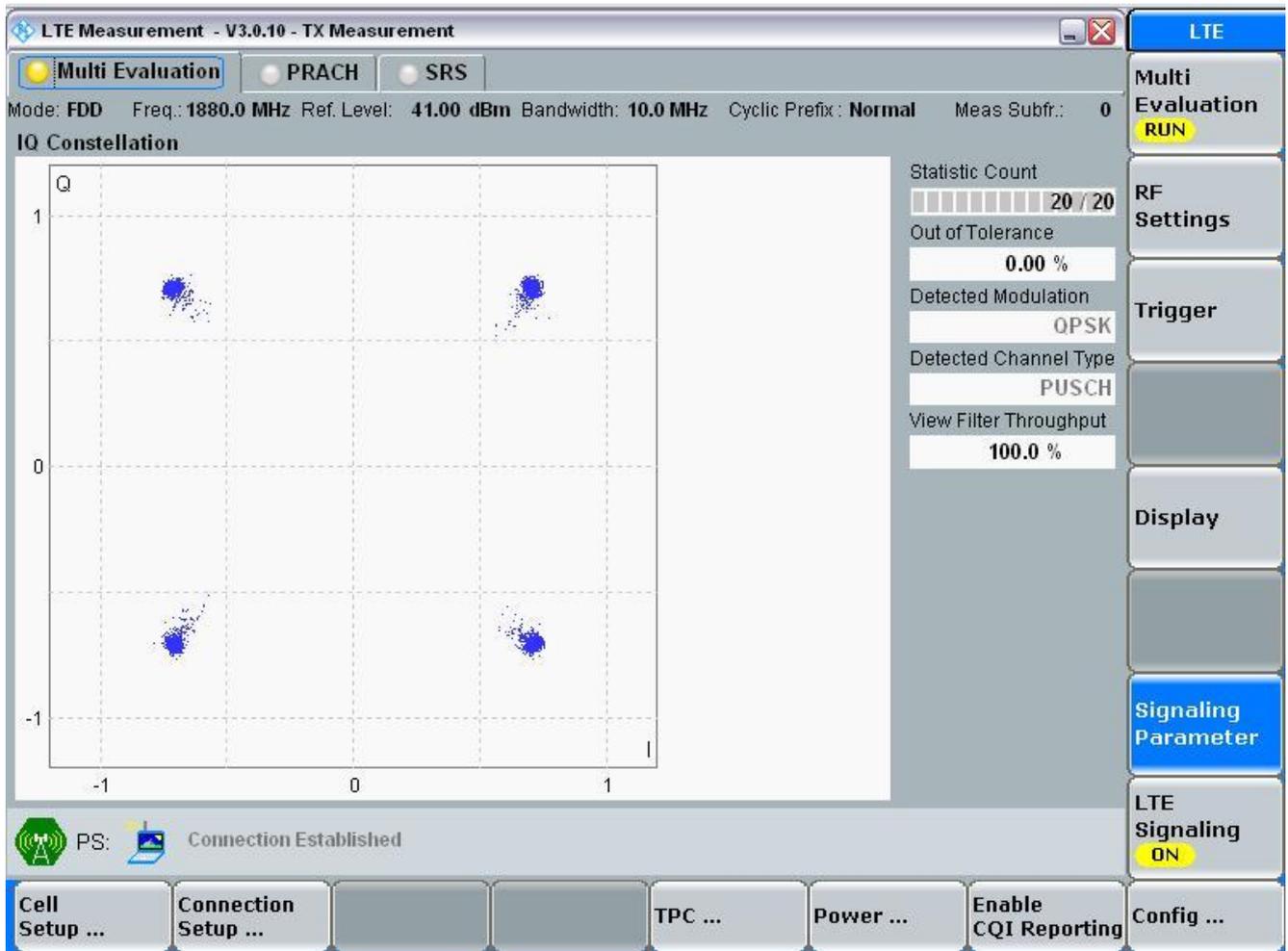




4.1.2 Channel Bandwidth = 10 MHz

4.1.2.1 Channel =M

4.1.2.1.1 QPSK/full RBs

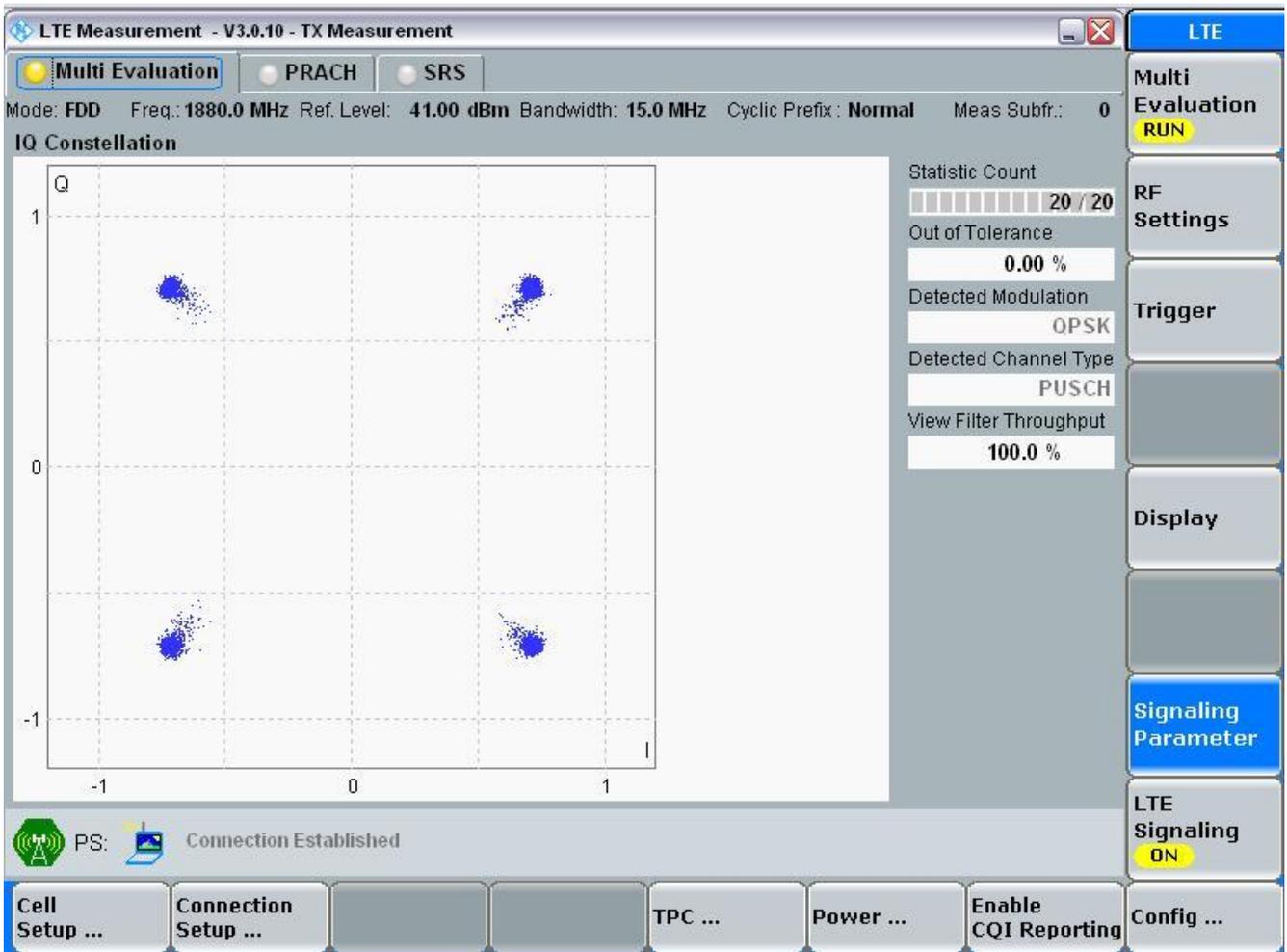




4.1.3 Channel Bandwidth = 15 MHz

4.1.3.1 Channel =M

4.1.3.1.1 QPSK/full RBs

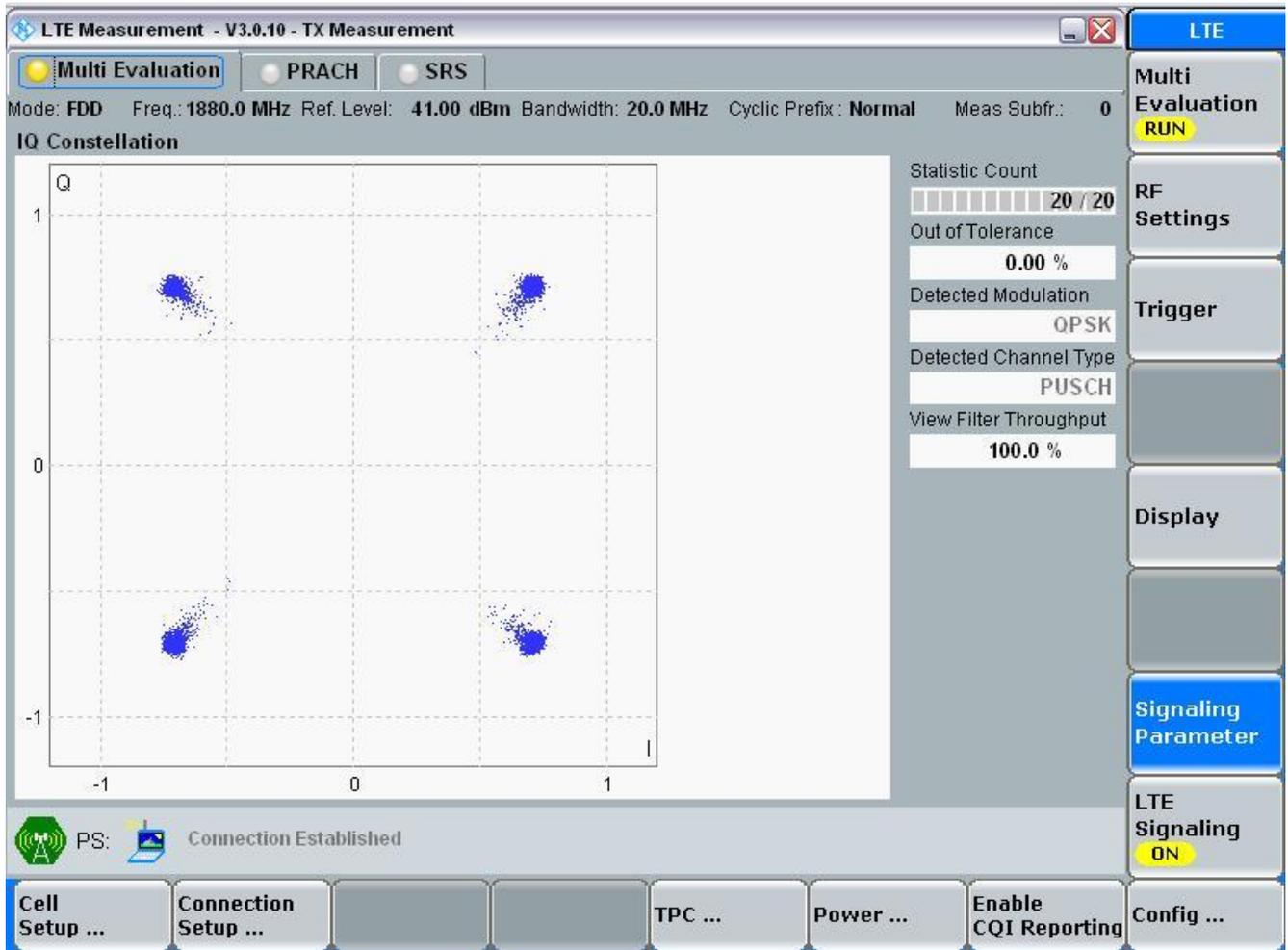




4.1.4 Channel Bandwidth = 20 MHz

4.1.4.1 Channel =M

4.1.4.1.1 QPSK/full RBs



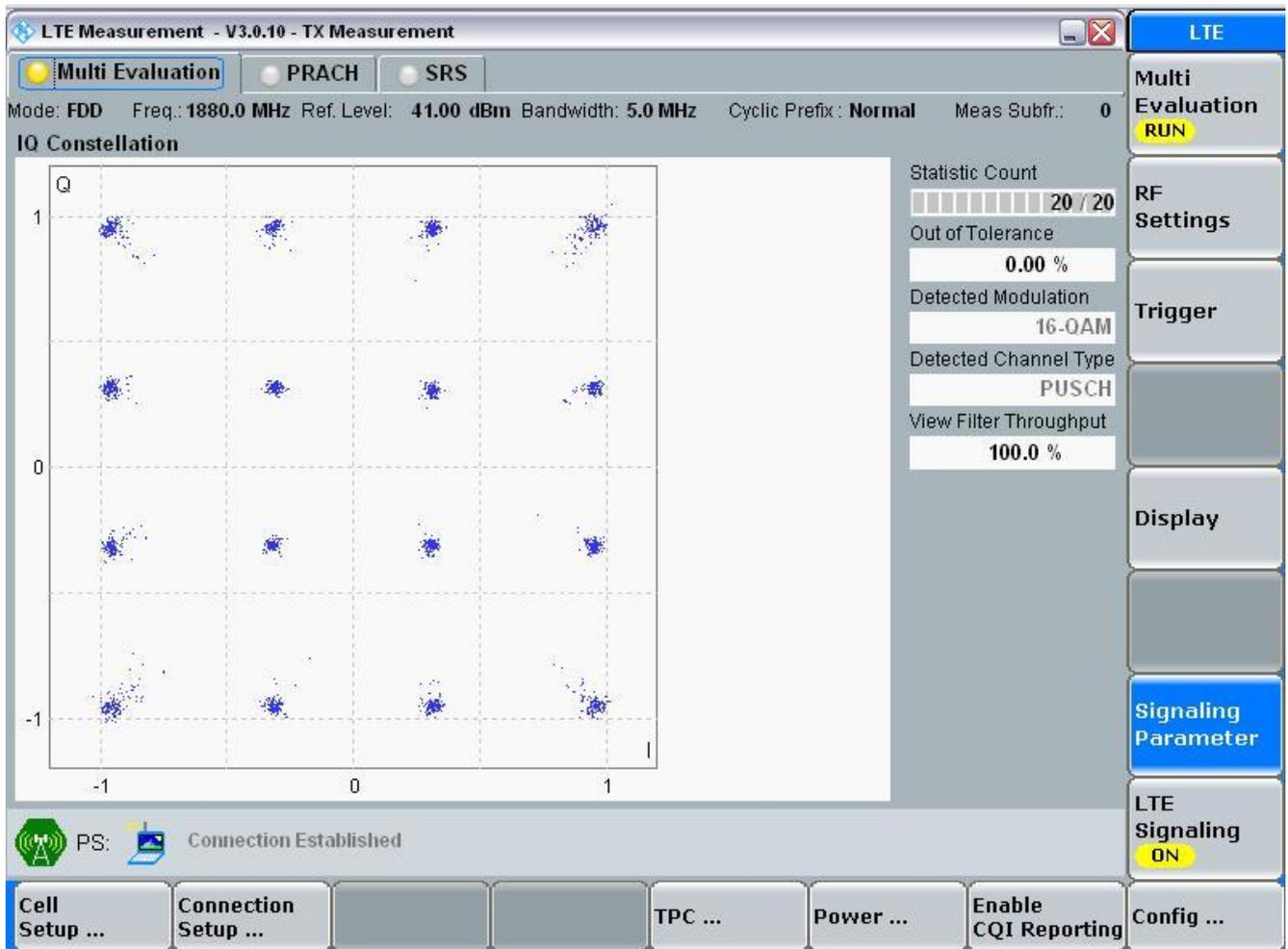


4.2 Test Mode=TM7

4.2.1 Channel Bandwidth = 5 MHz

4.2.1.1 Channel =M

4.2.1.1.1 16-QAM/full RBs

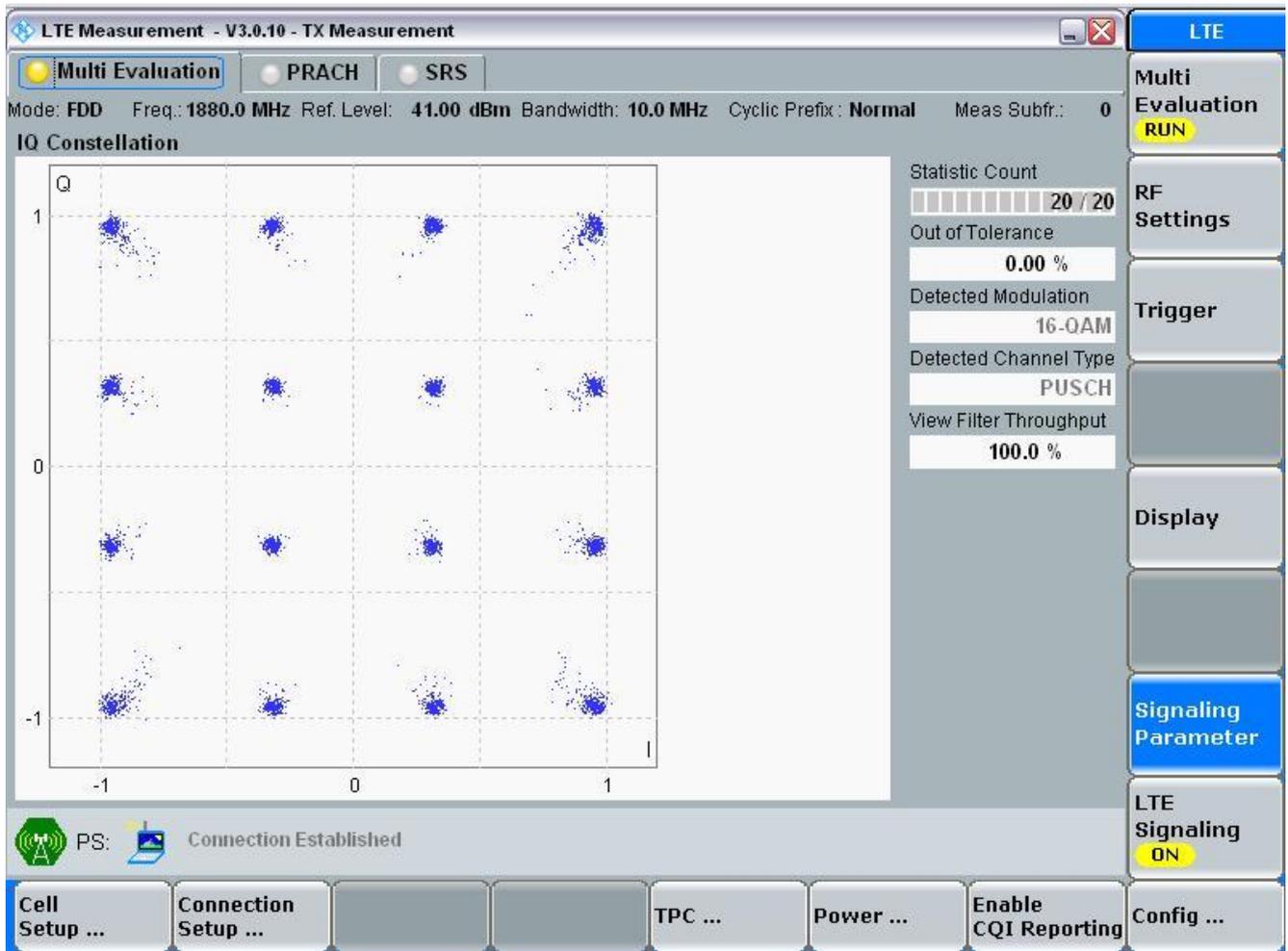




4.2.2 Channel Bandwidth = 10 MHz

4.2.2.1 Channel =M

4.2.2.1.1 16-QAM /full RBs

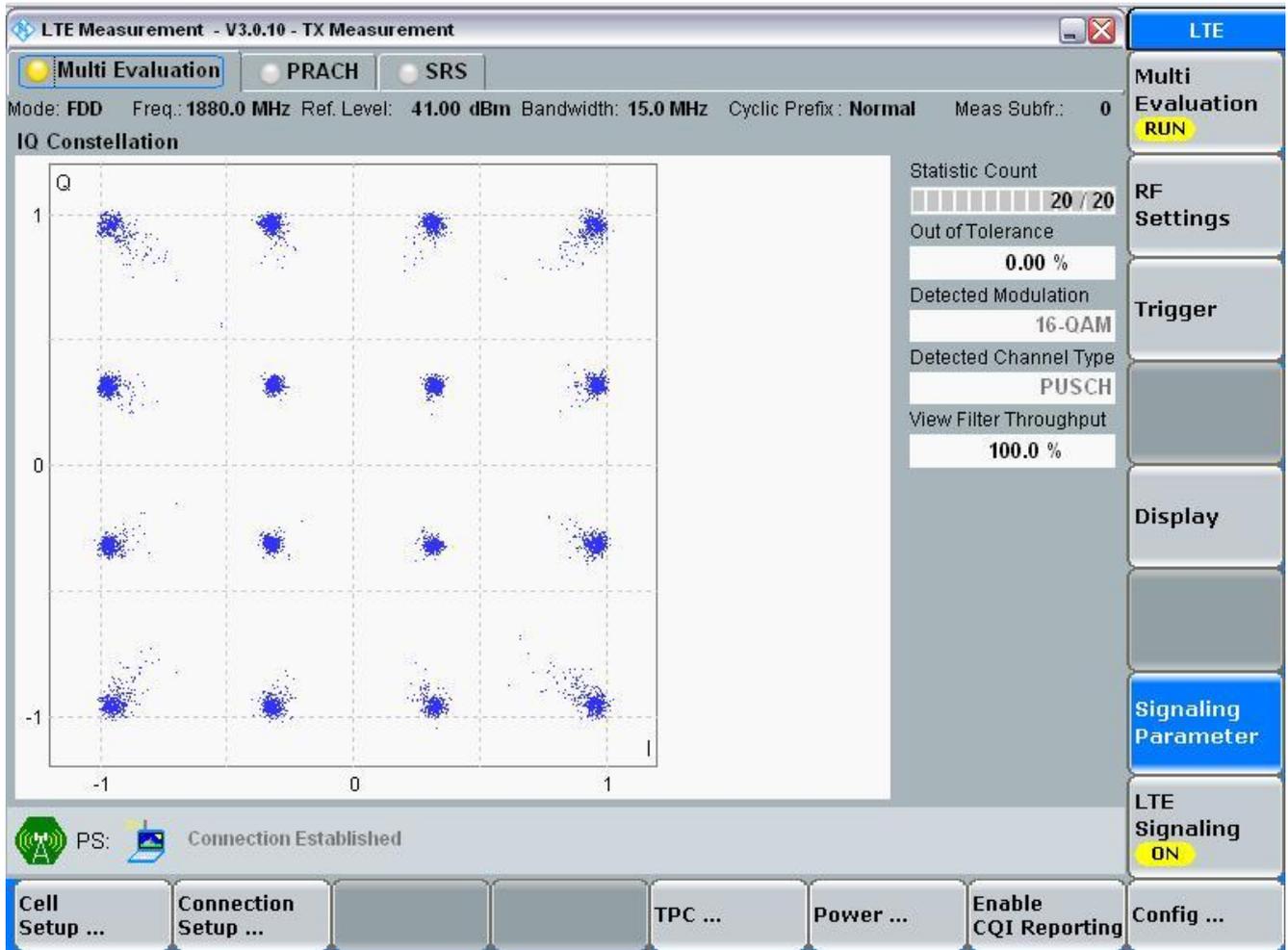




4.2.3 Channel Bandwidth = 15 MHz

4.2.3.1 Channel =M

4.2.3.1.1 16-QAM /full RBs

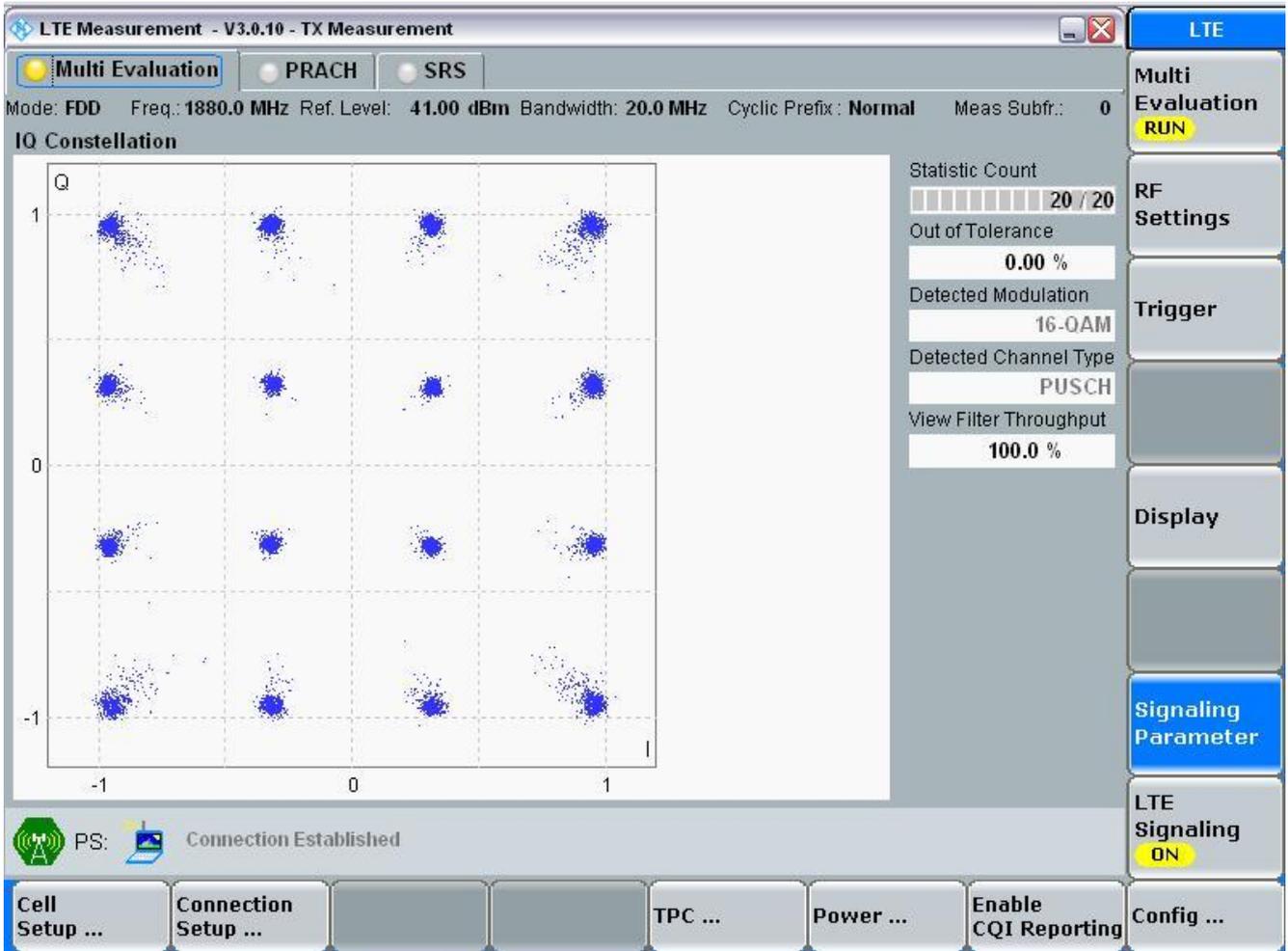




4.2.4 Channel Bandwidth = 20 MHz

4.2.4.1 Channel =M

4.2.4.1.1 16-QAM /full RBs



-----END-----



Appendix C

Occupied Bandwidth According to FCC part 2.1049 & Part 24 Subpart E



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Result Table

NOTE: All relevant operation modes have been tested, and the full RB data is included in this report.

Table 1 Measurement Results BAND 2

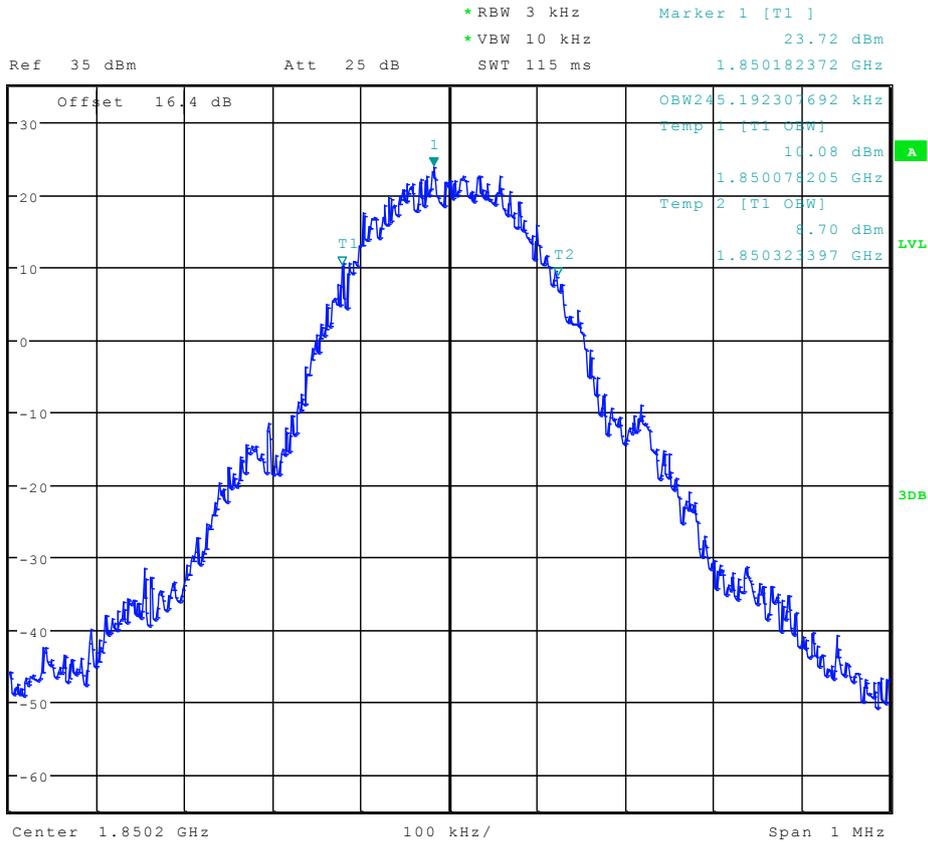
Test Mode	RF Ch.	RF Channel	Occupied Bandwidth [KHz]	Verdict
TM1		B	245.19	Pass
		M	246.80	Pass
		T	245.19	Pass
TM2		B	253.21	Pass
		M	251.60	Pass
		T	256.41	Pass
TM3		B	4.17	Pass
		M	4.15	Pass
		T	4.15	Pass
Test Mode	Carrier Conf.	RF Ch.	Occupied Bandwidth [MHz]	Verdict
TM6	5 MHz	B	4.47	Pass
		M	4.48	Pass
		T	4.47	Pass
	10 MHz	B	8.91	Pass
		M	8.93	Pass
		T	8.91	Pass
	15 MHz	B	13.42	Pass
		M	13.41	Pass
		T	13.40	Pass
	20 MHz	B	17.86	Pass
		M	17.87	Pass
		T	17.83	Pass
TM7	5 MHz	B	4.47	Pass
		M	4.48	Pass
		T	4.47	Pass
	10 MHz	B	8.92	Pass
		M	8.94	Pass
		T	8.94	Pass
	15 MHz	B	13.43	Pass
		M	13.43	Pass
		T	13.42	Pass
	20 MHz	B	17.87	Pass
		M	17.86	Pass
		T	17.85	Pass



1 For GPRS 1900

1.1 Test Mode=TM1

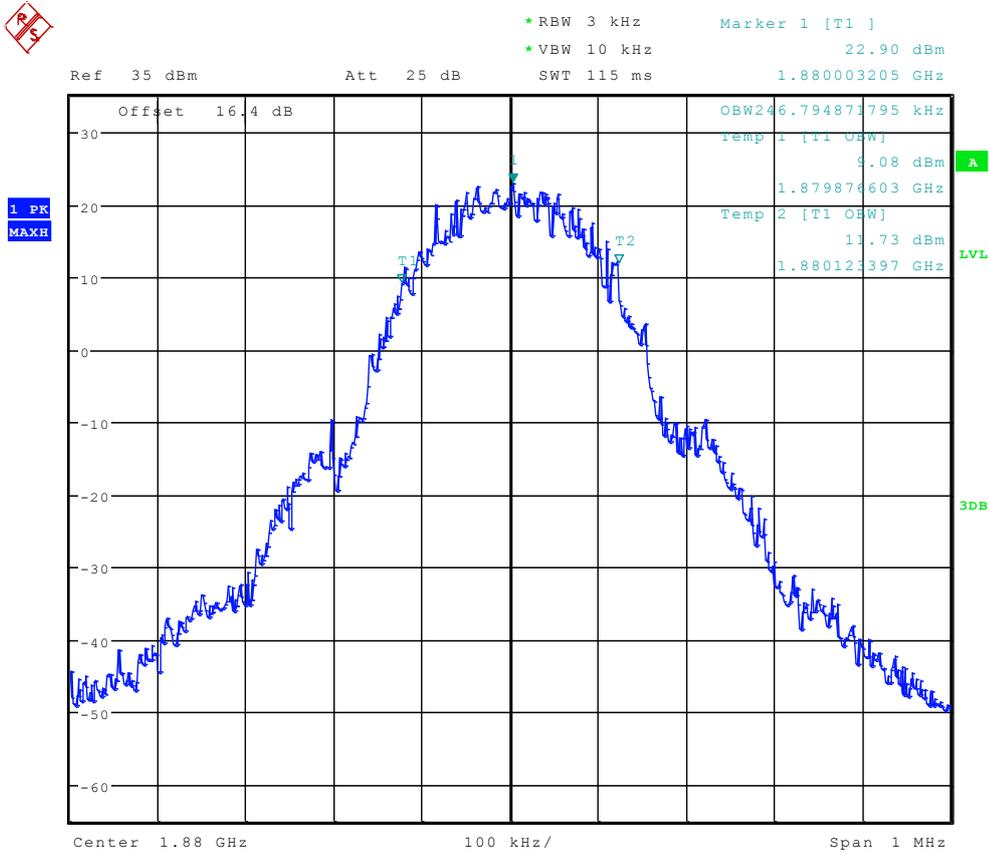
1.1.1 Channel = B



Date: 31.MAY.2012 12:05:08



1.1.2 Channel =M



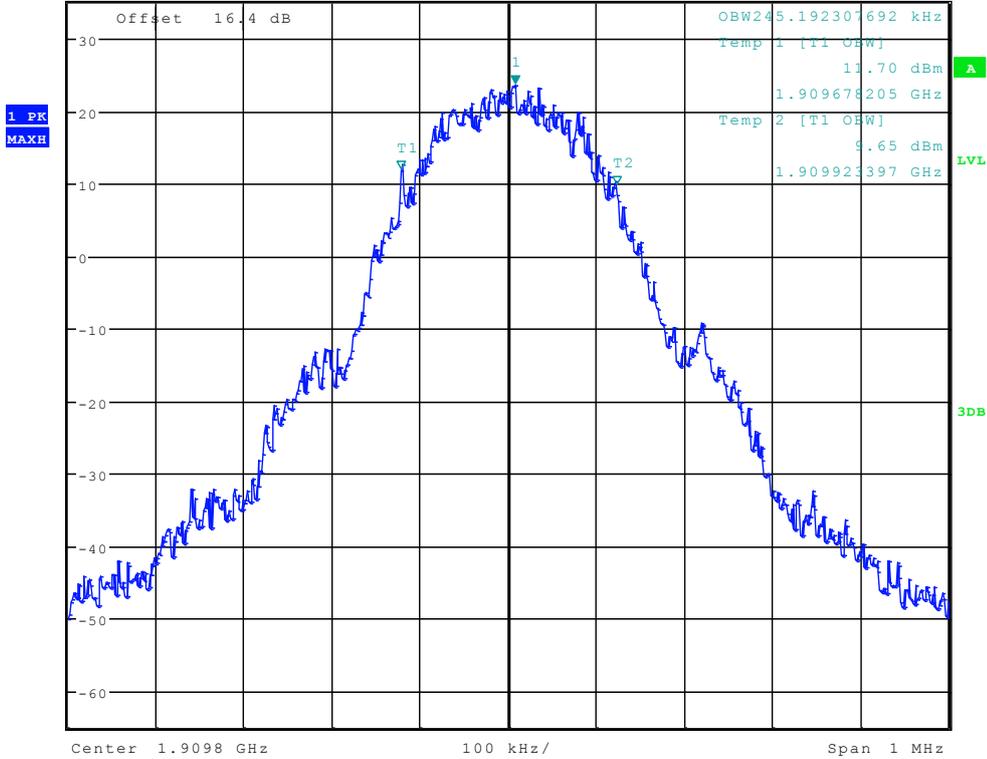
Date: 31.MAY.2012 12:05:22



1.1.3 Channel =T



*RBW 3 kHz Marker 1 [T1]
 *VBW 10 kHz 23.55 dBm
 Ref 35 dBm Att 25 dB SWT 115 ms 1.909808013 GHz



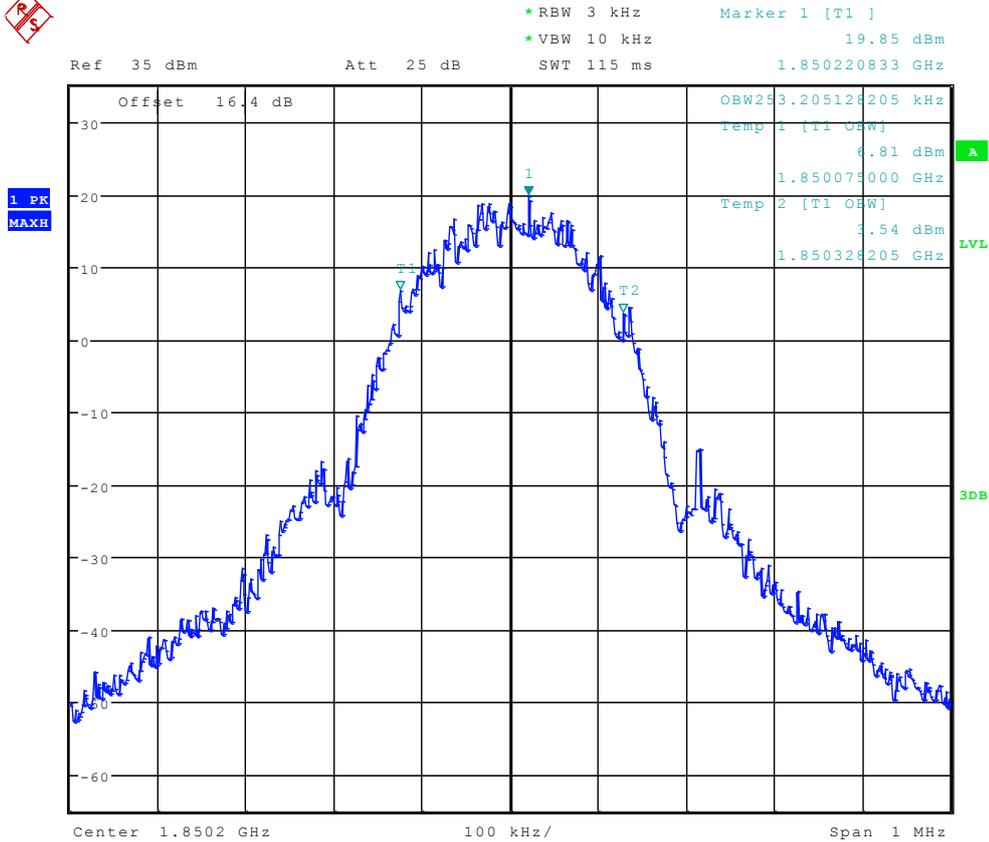
Date: 31.MAY.2012 12:05:38



2 For EDGE 1900

2.1 Test Mode=TM2

2.1.1 Channel = B



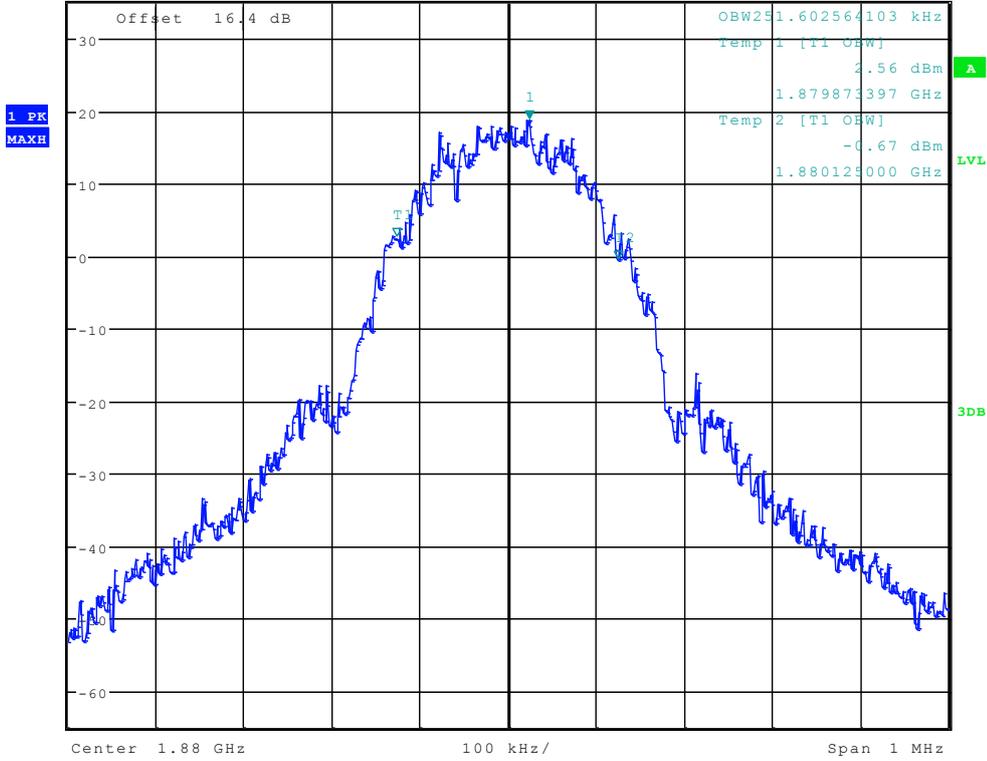
Date: 31.MAY.2012 12:11:47



2.1.2 Channel = M



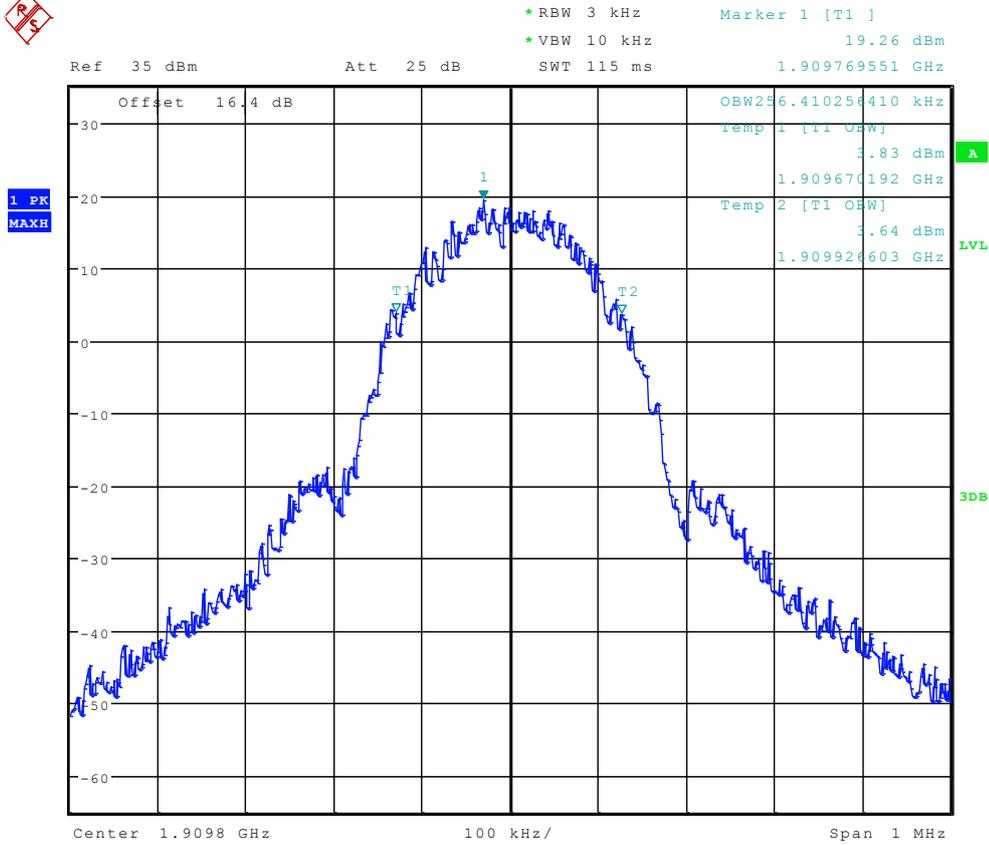
*RBW 3 kHz Marker 1 [T1]
*VBW 10 kHz 18.77 dBm
Ref 35 dBm Att 25 dB SWT 115 ms 1.880024038 GHz



Date: 31.MAY.2012 12:12:01



2.1.3 Channel = T



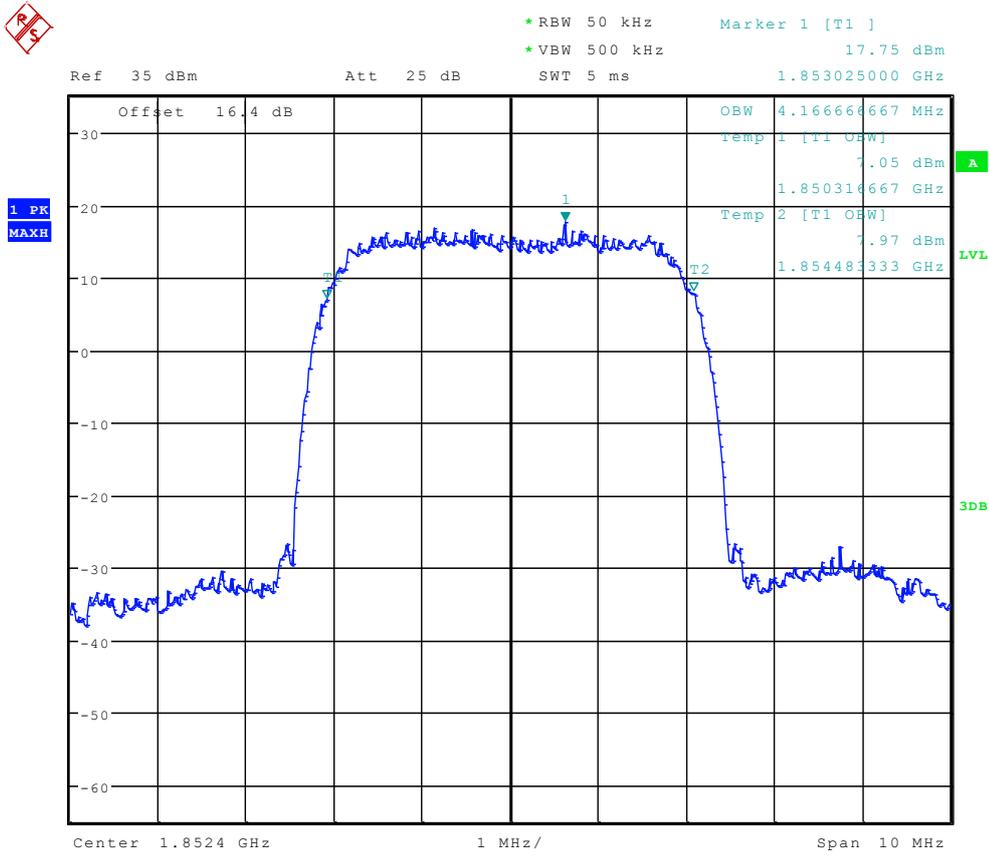
Date: 31.MAY.2012 12:12:15



3 For WCDMA Band 2

3.1 Test Mode=TM3

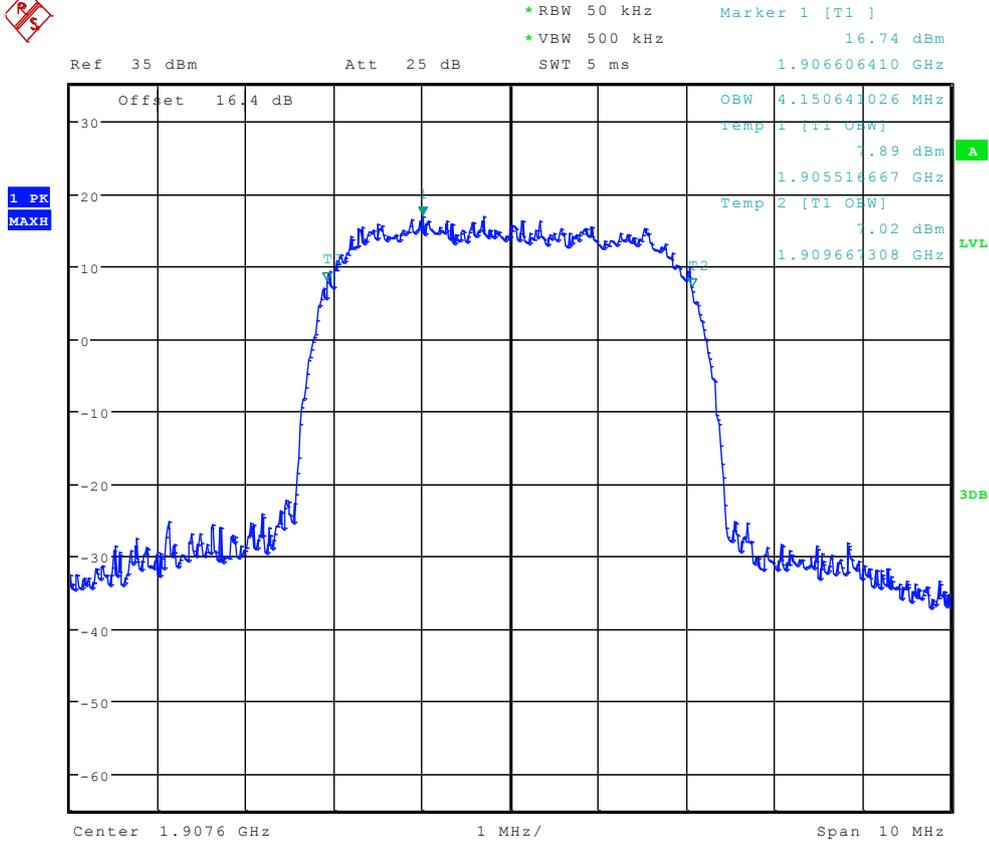
3.1.1 Channel = B



Date: 31.MAY.2012 12:16:25



3.1.3 Channel = T



Date: 31.MAY.2012 12:16:53



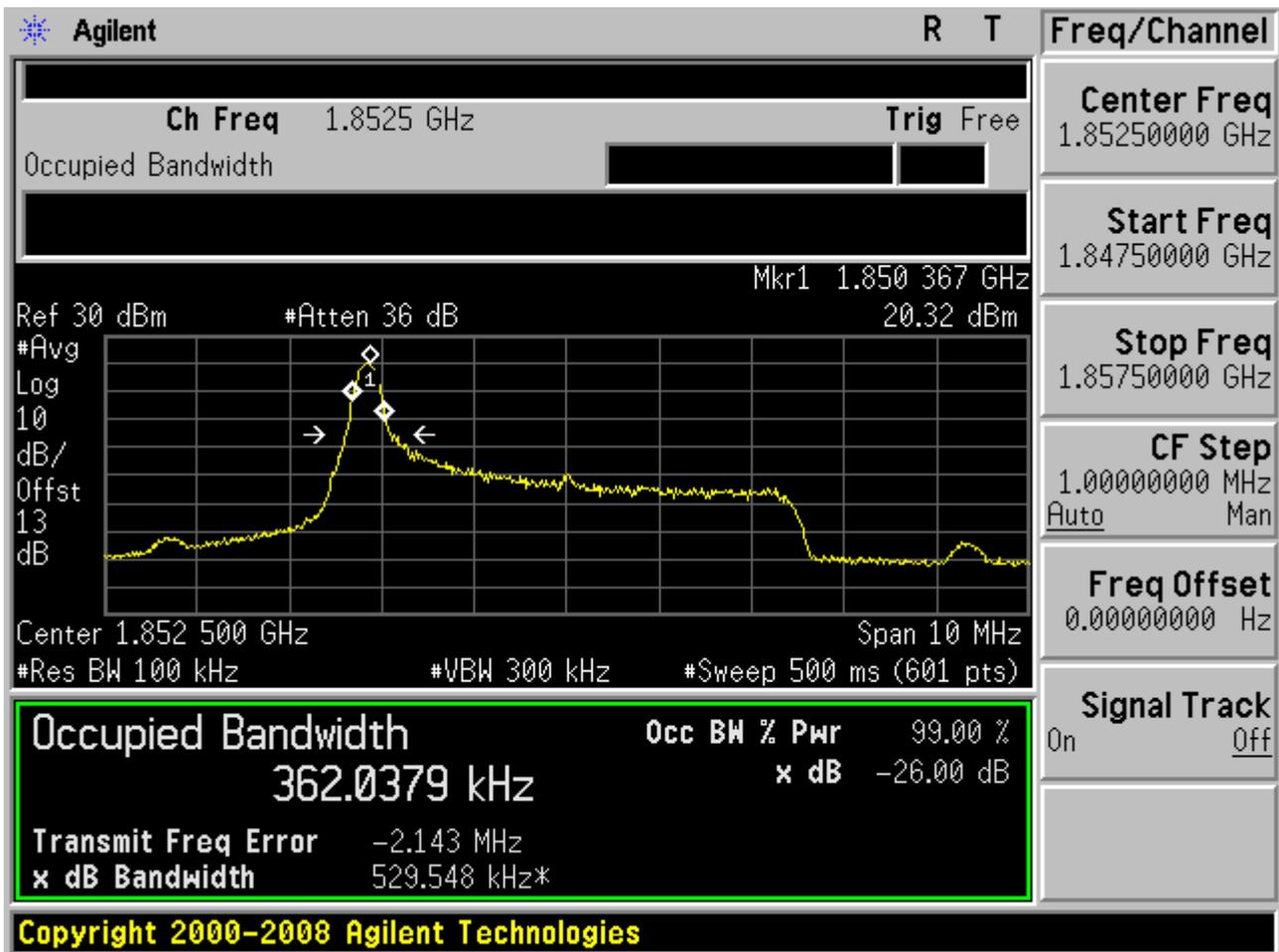
4 For LTE Band 2

4.1 Test Mode=TM6

4.1.1 Channel Bandwidth = 5 MHz

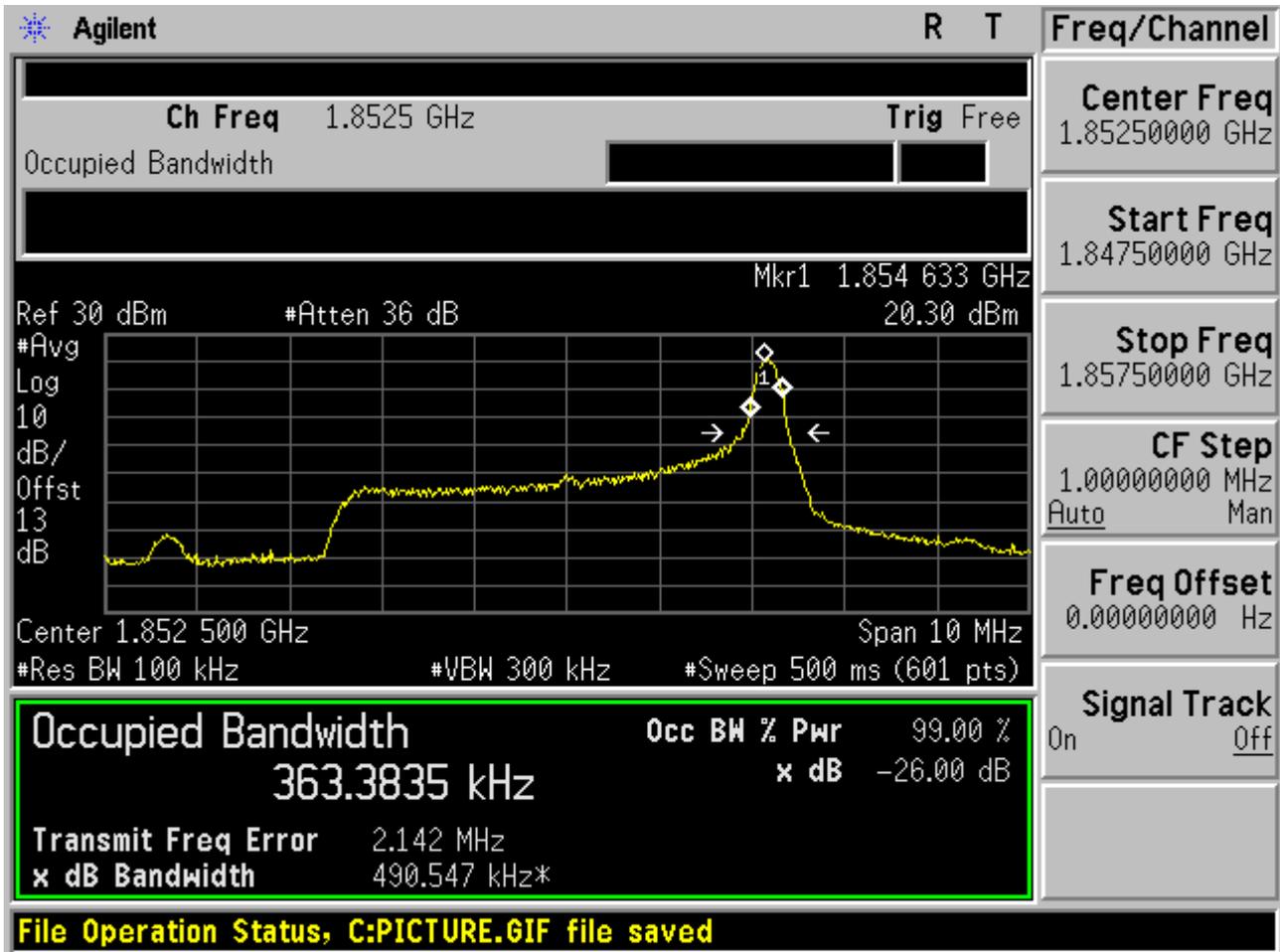
4.1.1.1 Channel = B

4.1.1.1.1 QPSK/1RB # 0



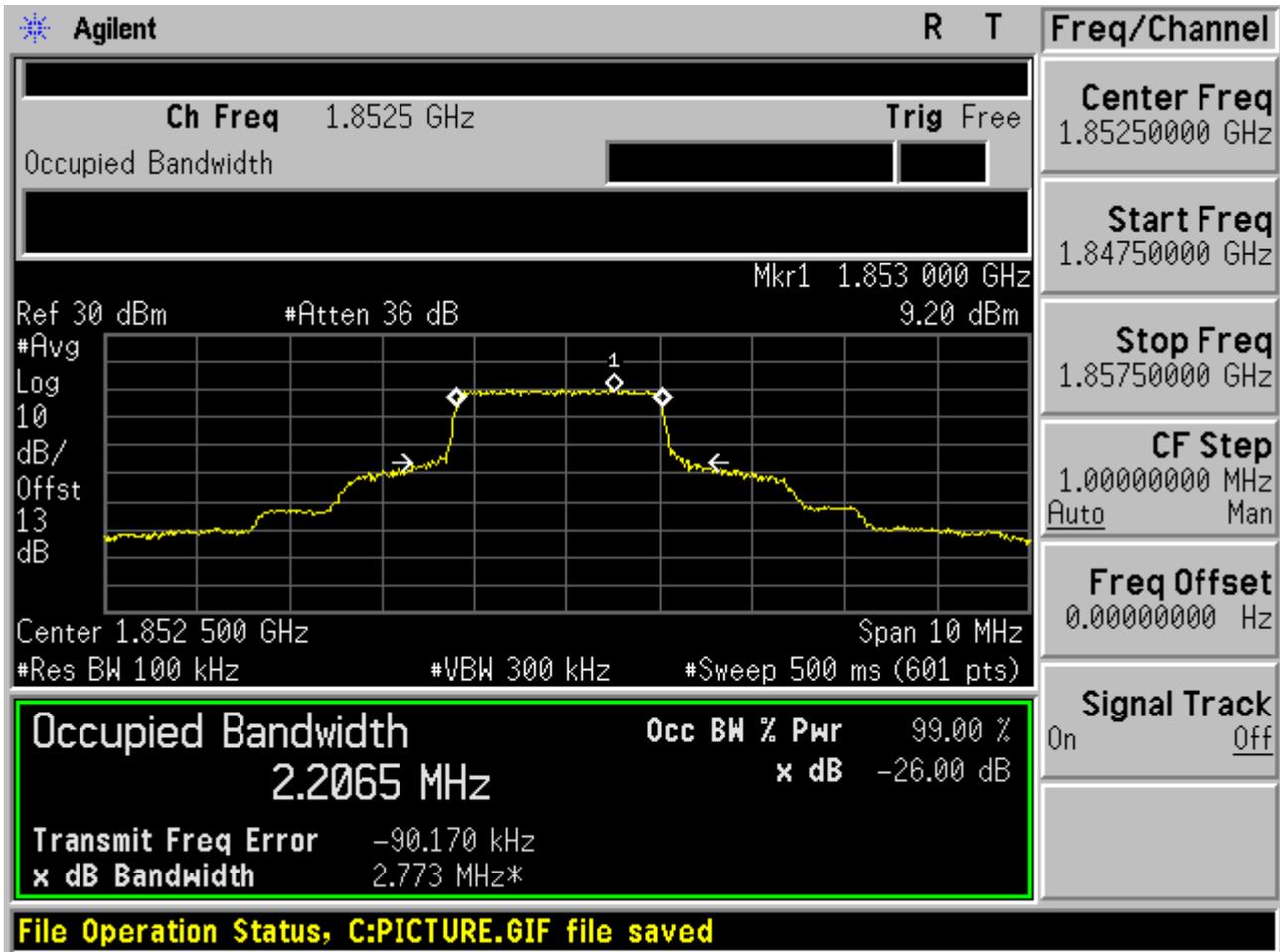


4.1.1.1.2 QPSK/1RB # max



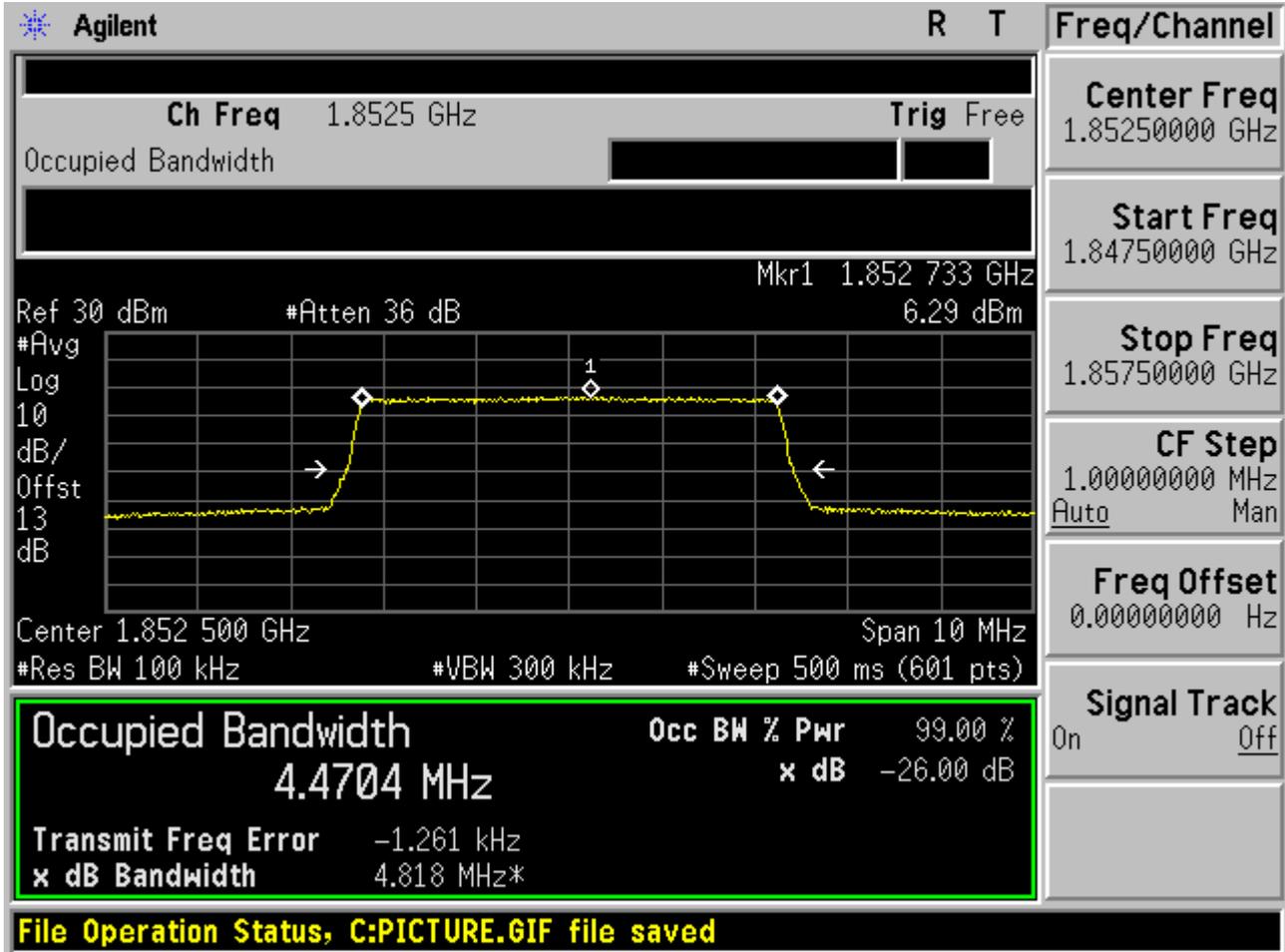


4.1.1.1.3 QPSK/non-1RB #mid/2





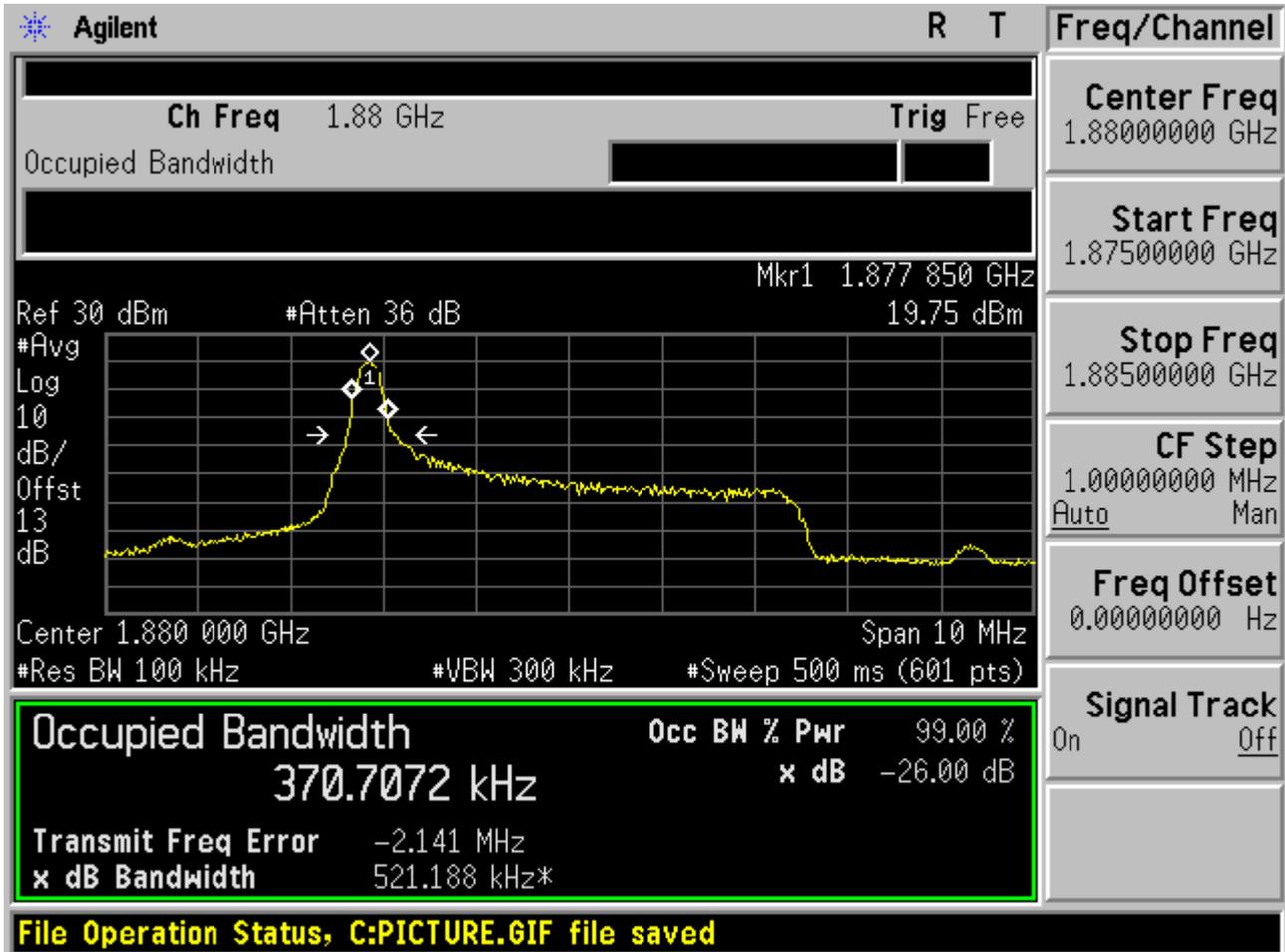
4.1.1.1.4 QPSK/full RBs





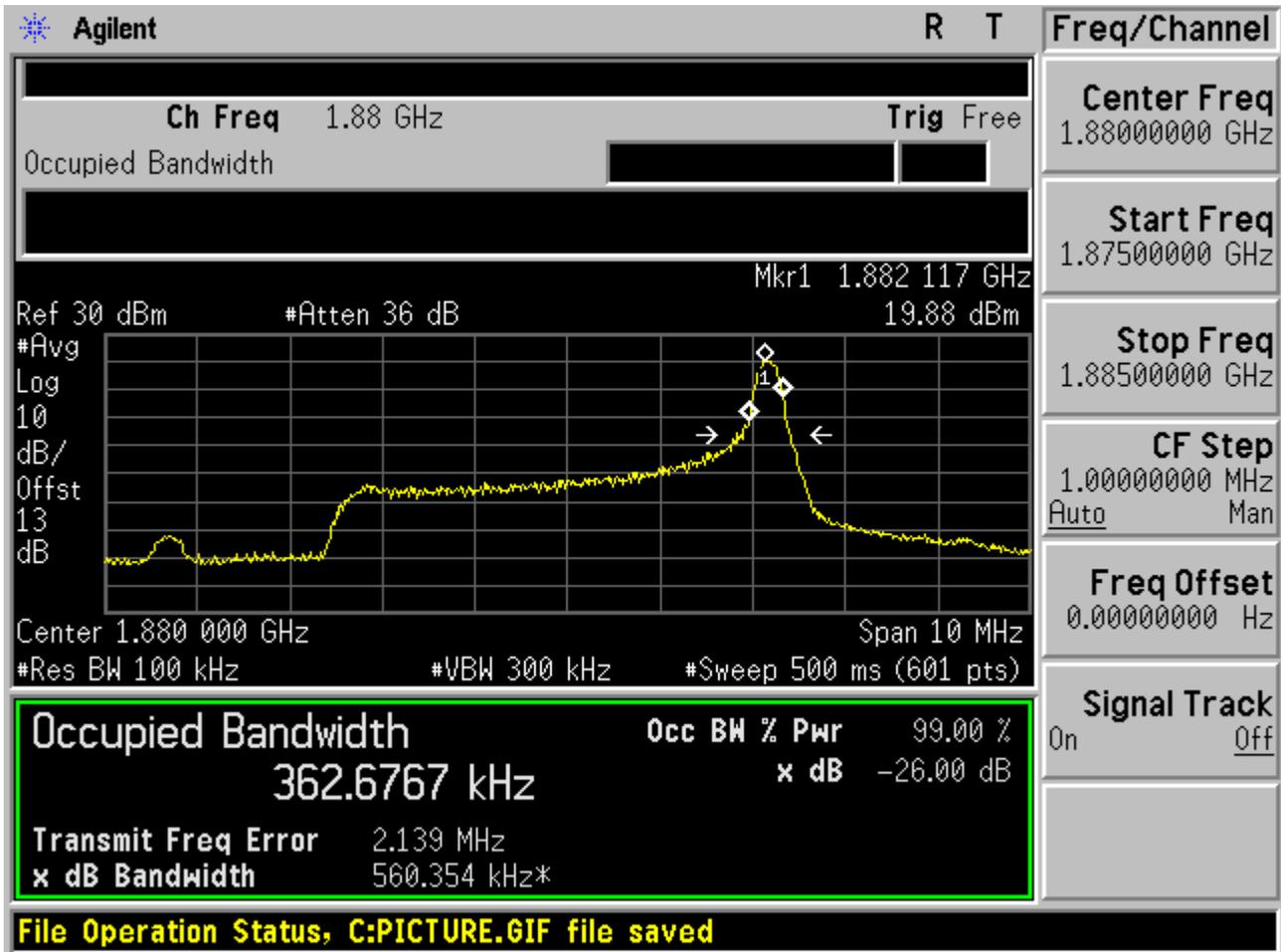
4.1.1.2 Channel =M

4.1.1.2.1 QPSK/1RB # 0



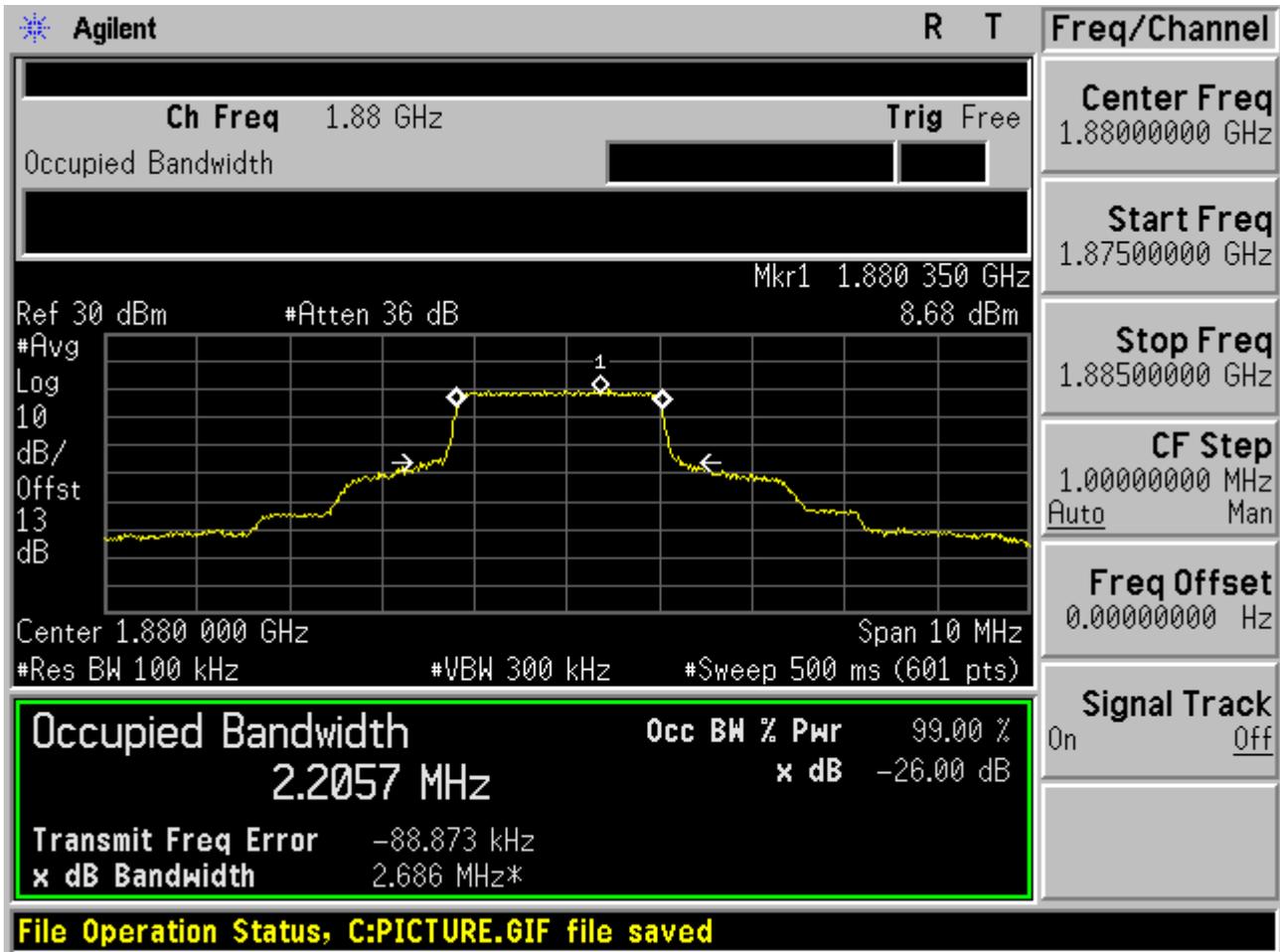


4.1.1.2.2 QPSK/1RB # max



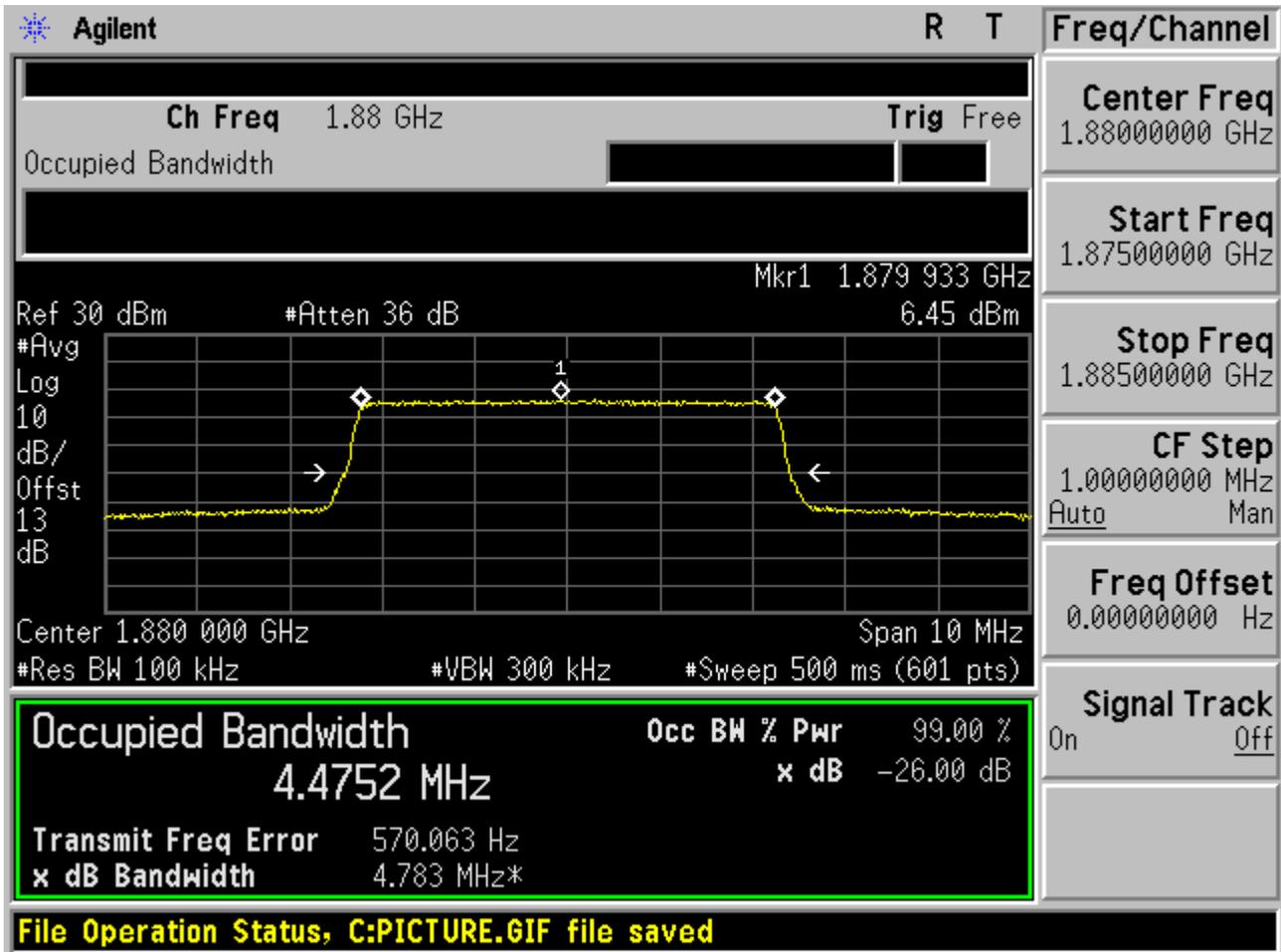


4.1.1.2.3 QPSK/non-1RB #mid/2





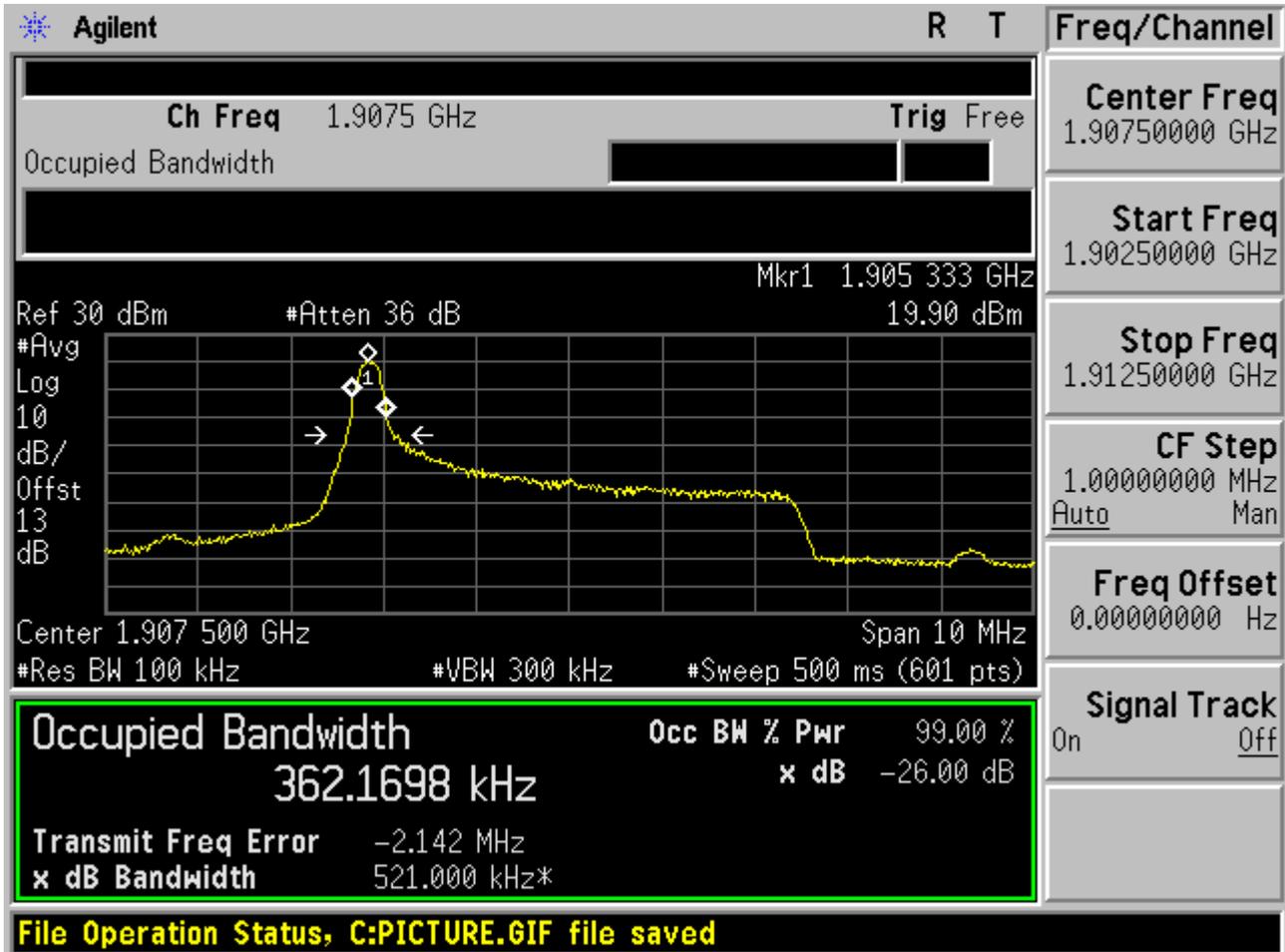
4.1.1.2.4 QPSK/full RBs





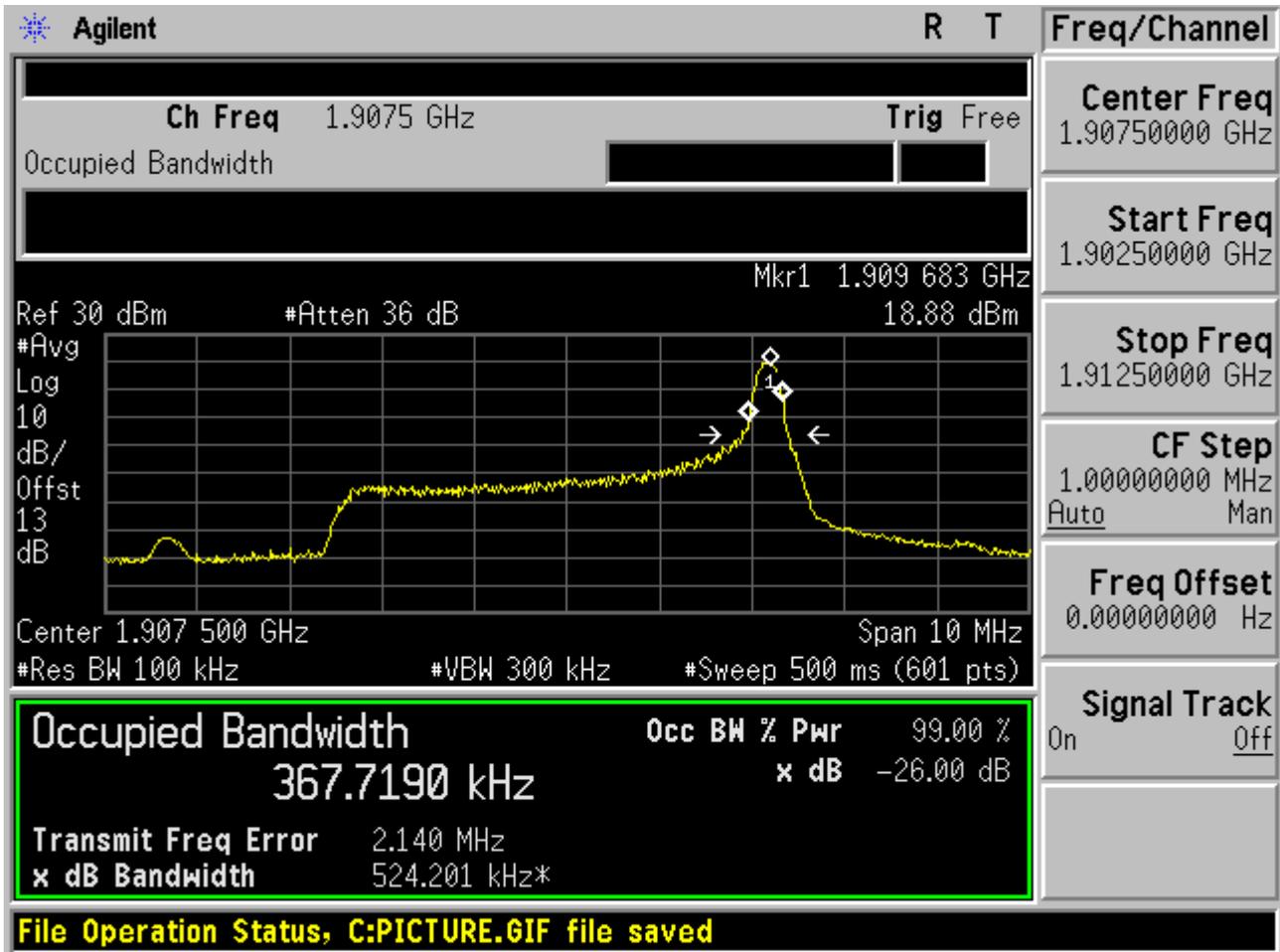
4.1.1.3 Channel = T

4.1.1.3.1 QPSK/1RB # 0



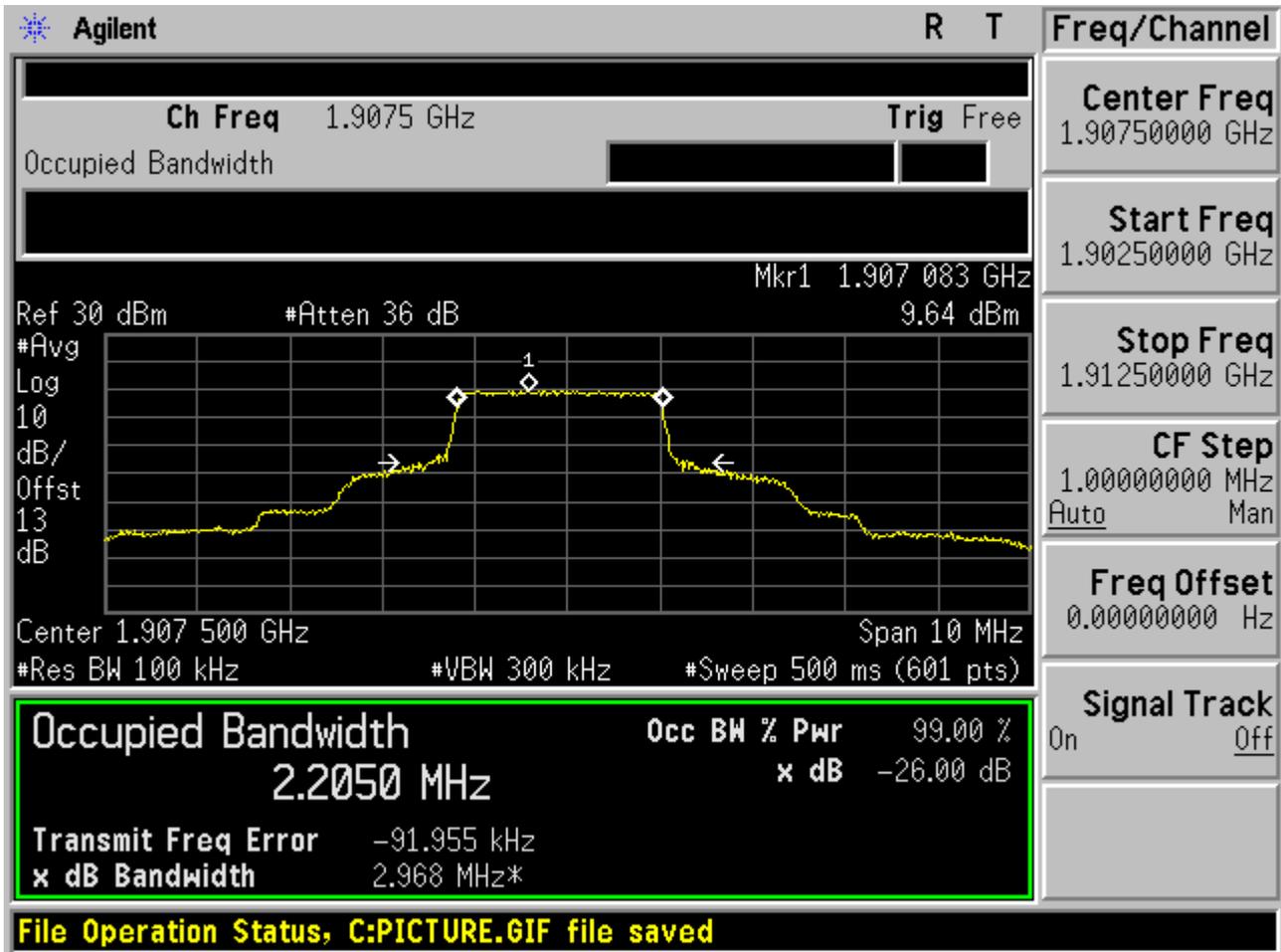


4.1.1.3.2 QPSK/1RB # max



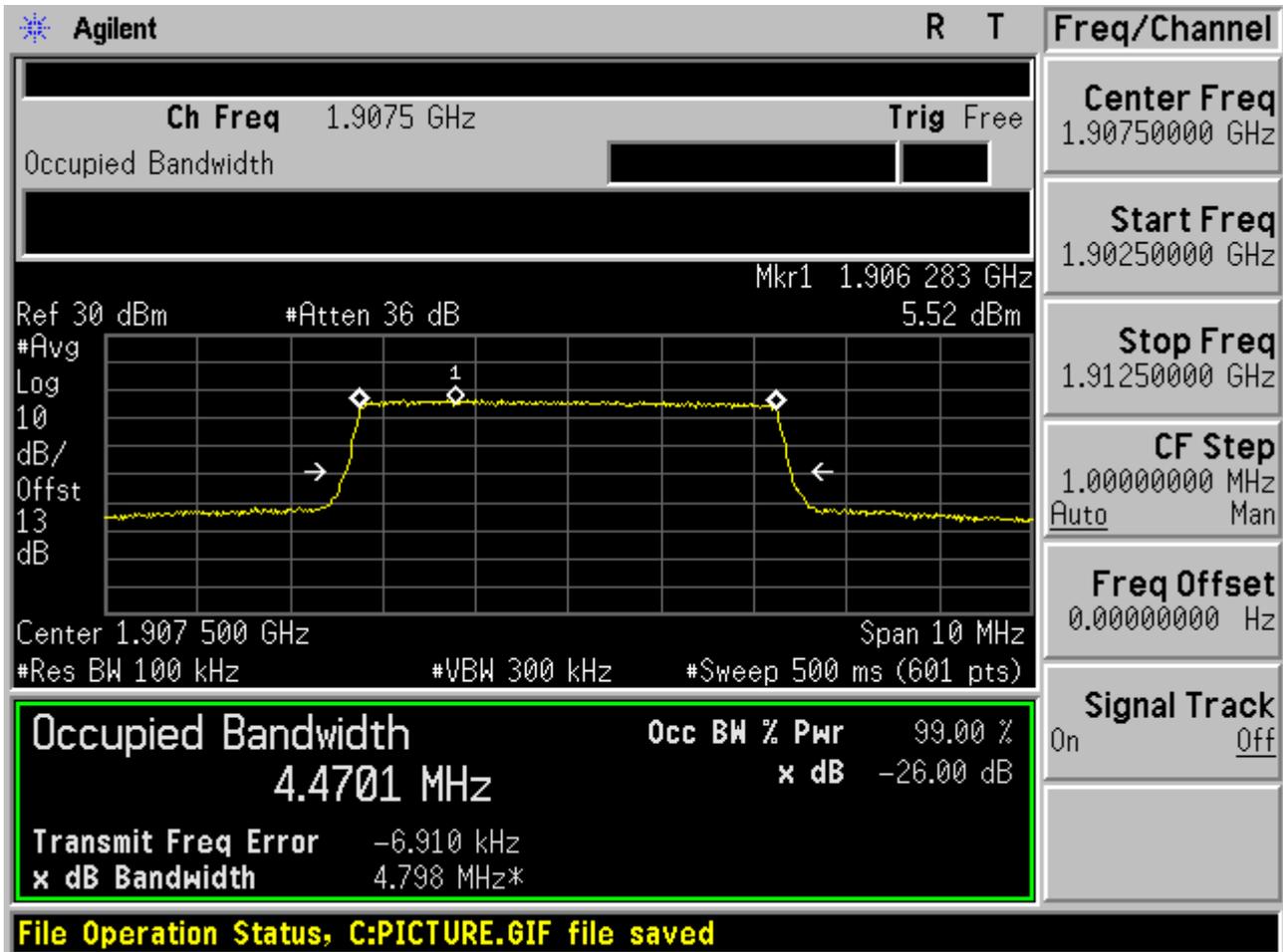


4.1.1.3.3 QPSK/non-1RB #mid/2





4.1.1.3.4 QPSK/full RBs

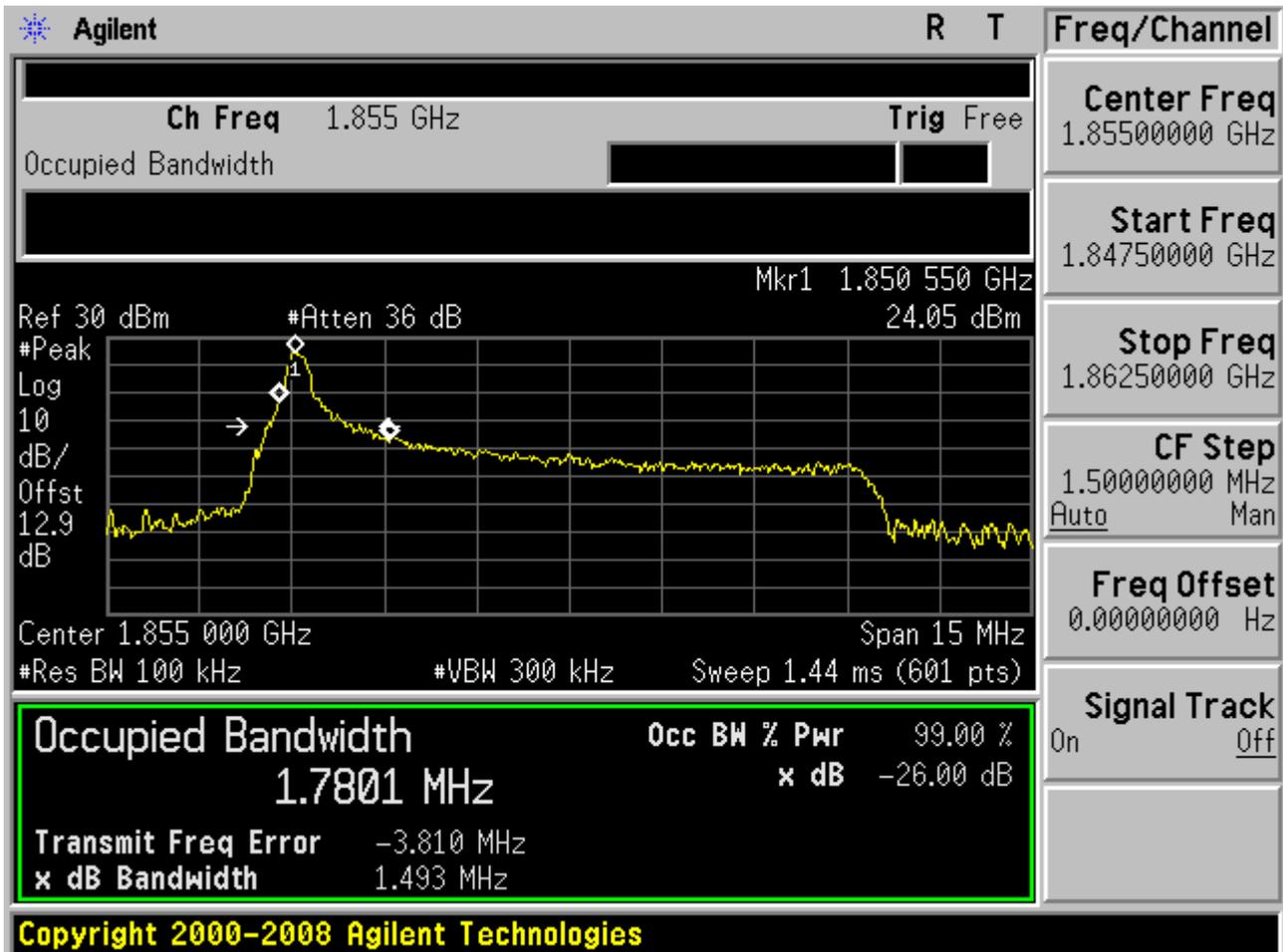




4.1.2 Channel Bandwidth = 10 MHz

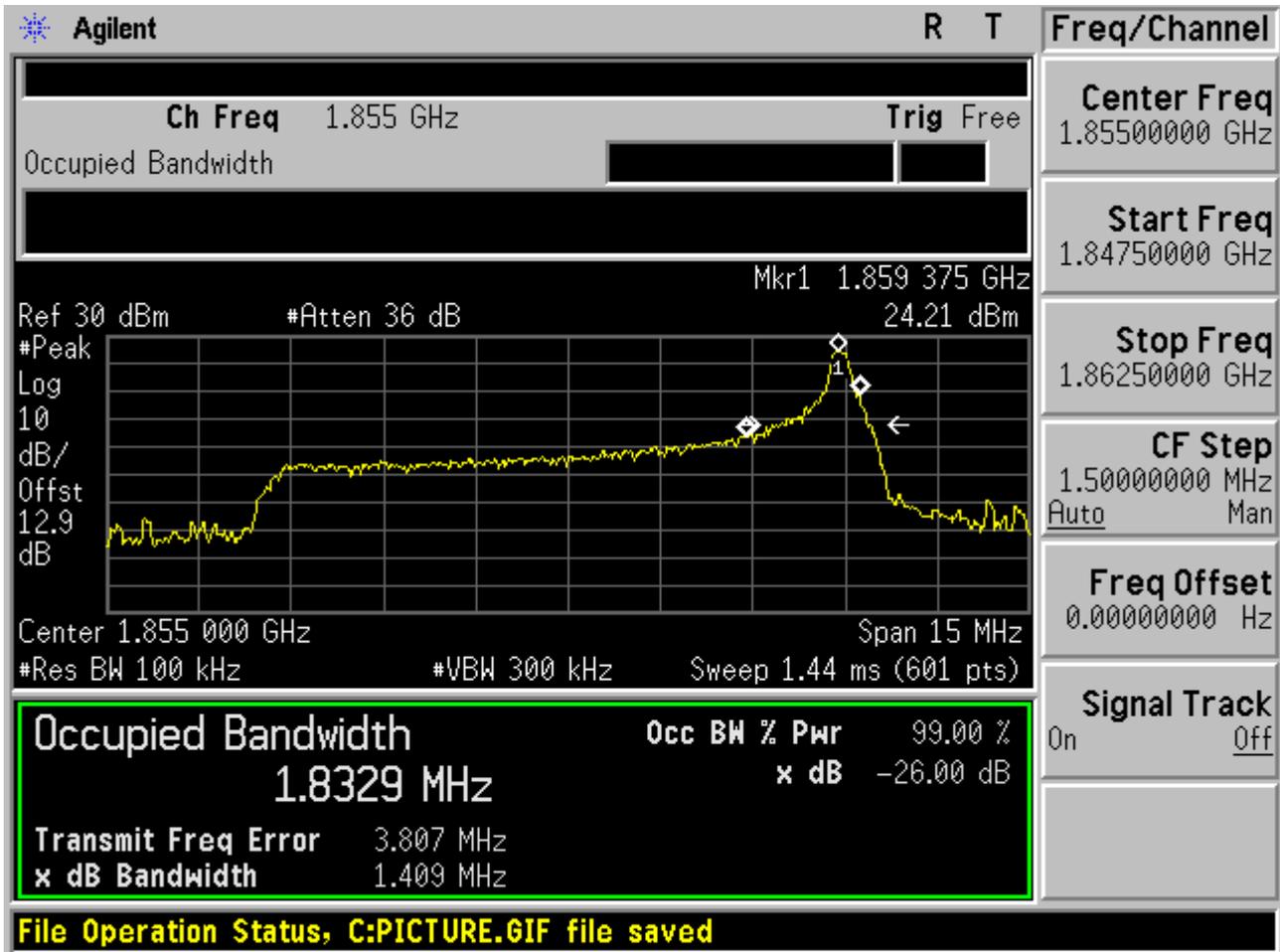
4.1.2.1 Channel = B

4.1.2.1.1 QPSK/1RB # 0



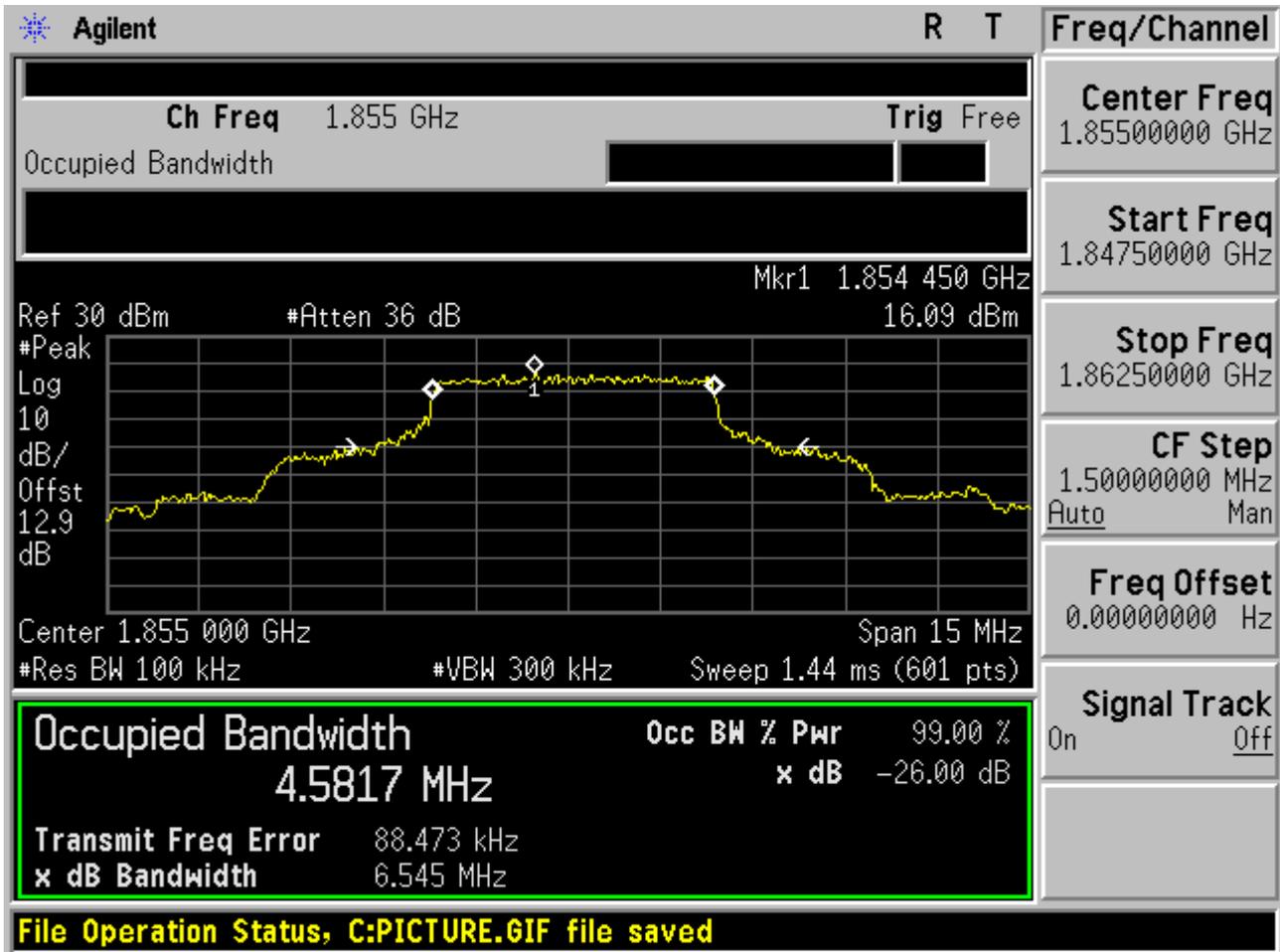


4.1.2.1.2 QPSK/1RB # max



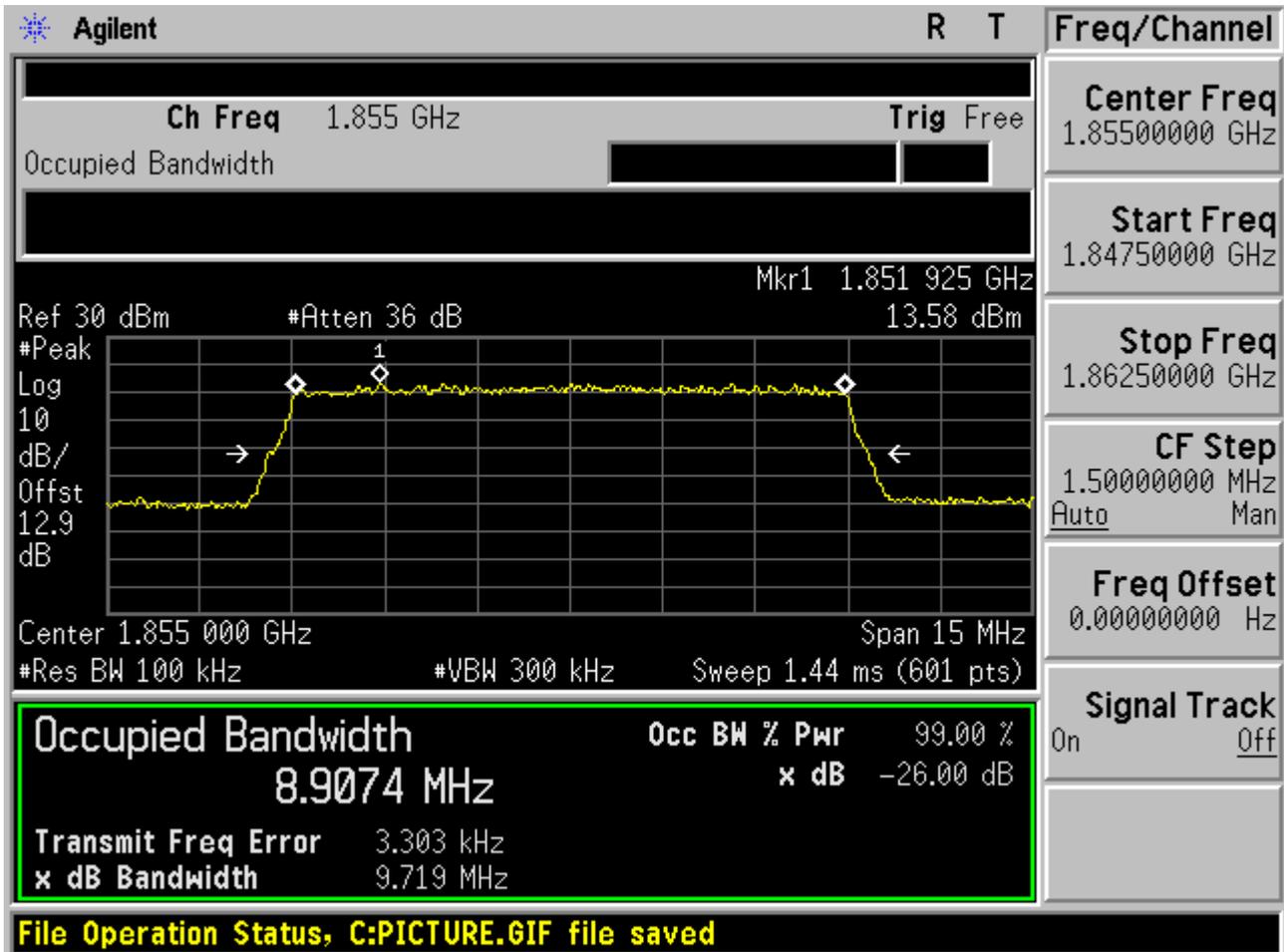


4.1.2.1.3 QPSK/non-1RB #mid/2





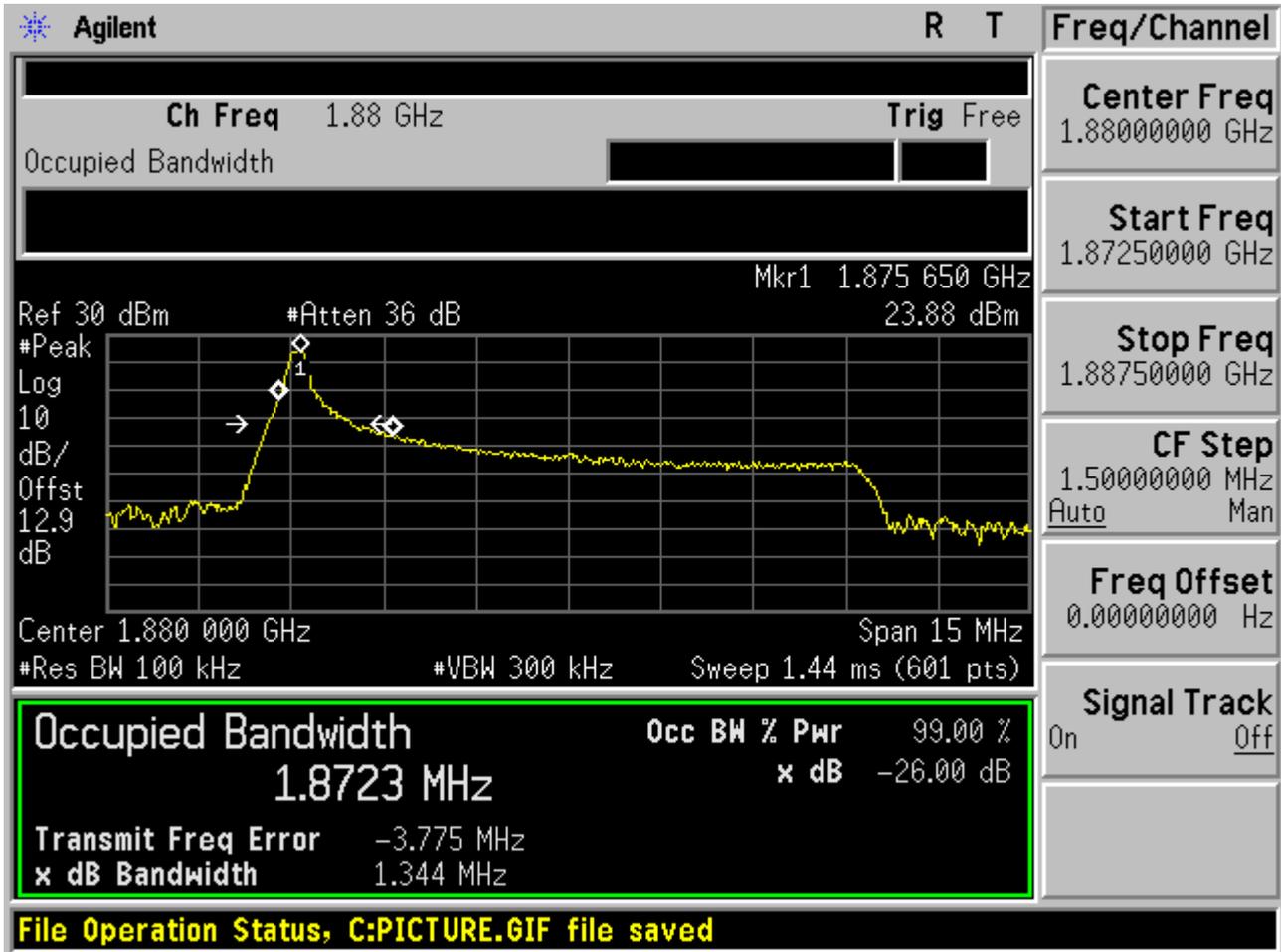
4.1.2.1.4 QPSK/full RBs





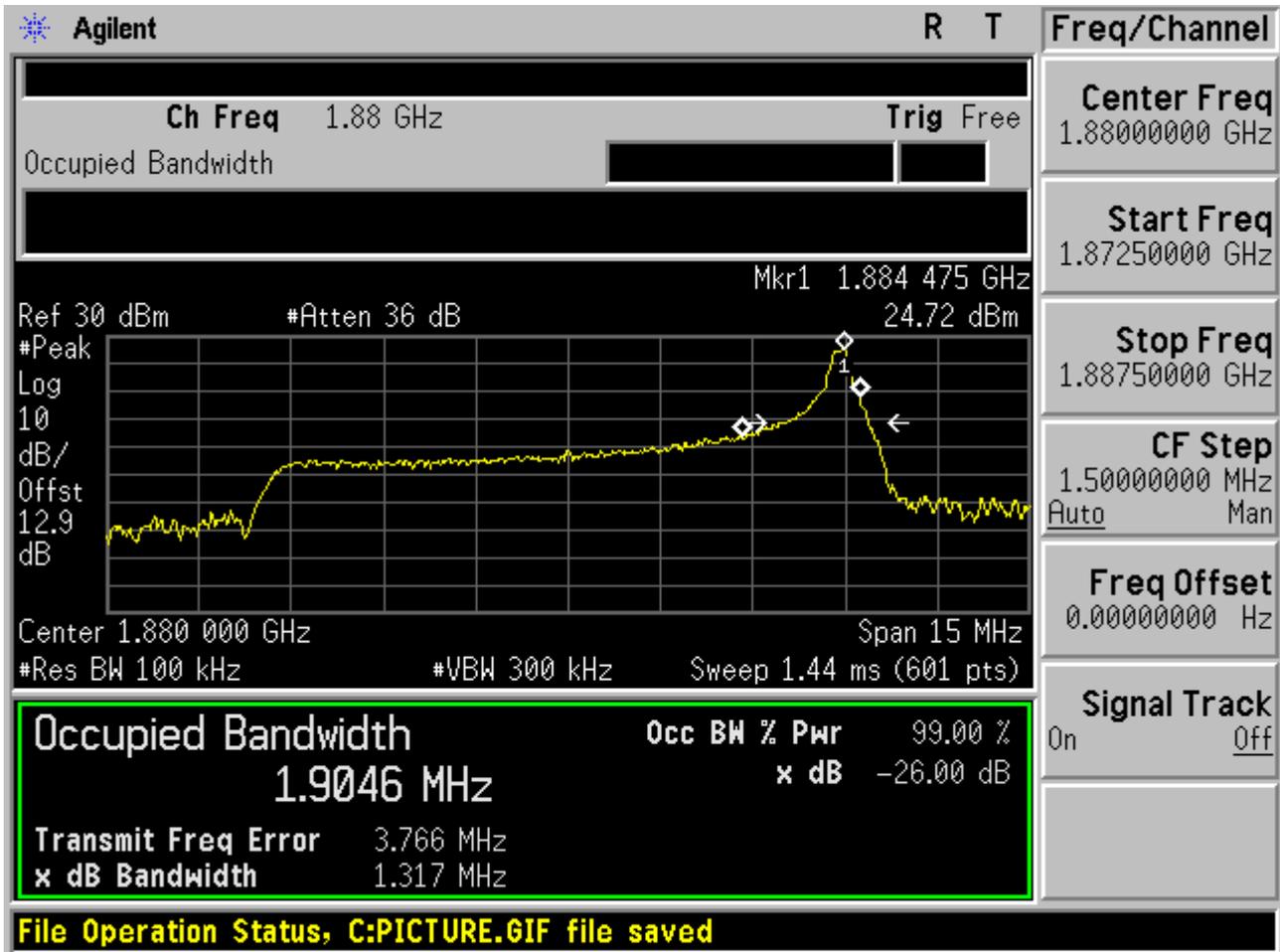
4.1.2.2 Channel =M

4.1.2.2.1 QPSK/1RB # 0



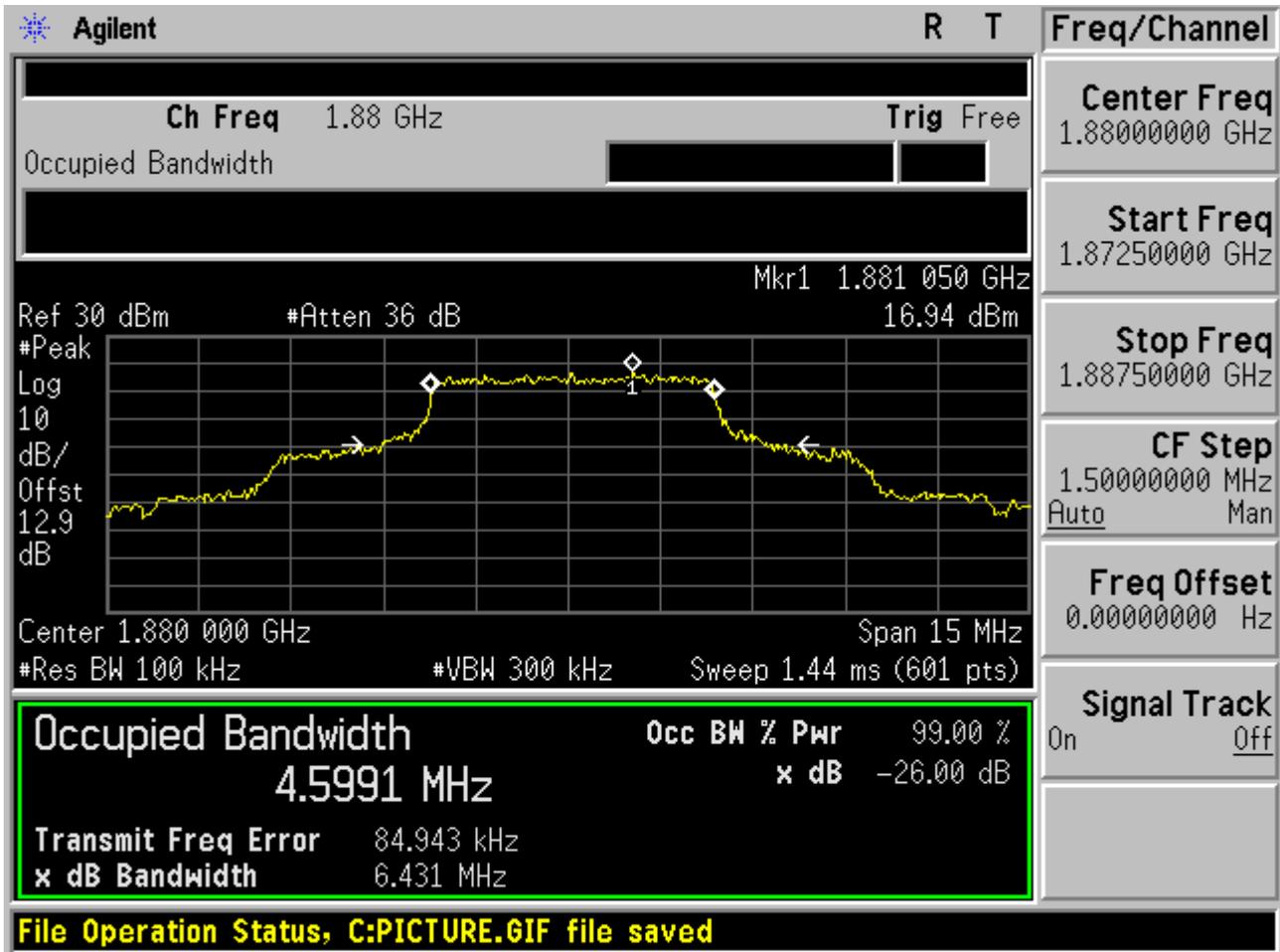


4.1.2.2.2 QPSK/1RB # max



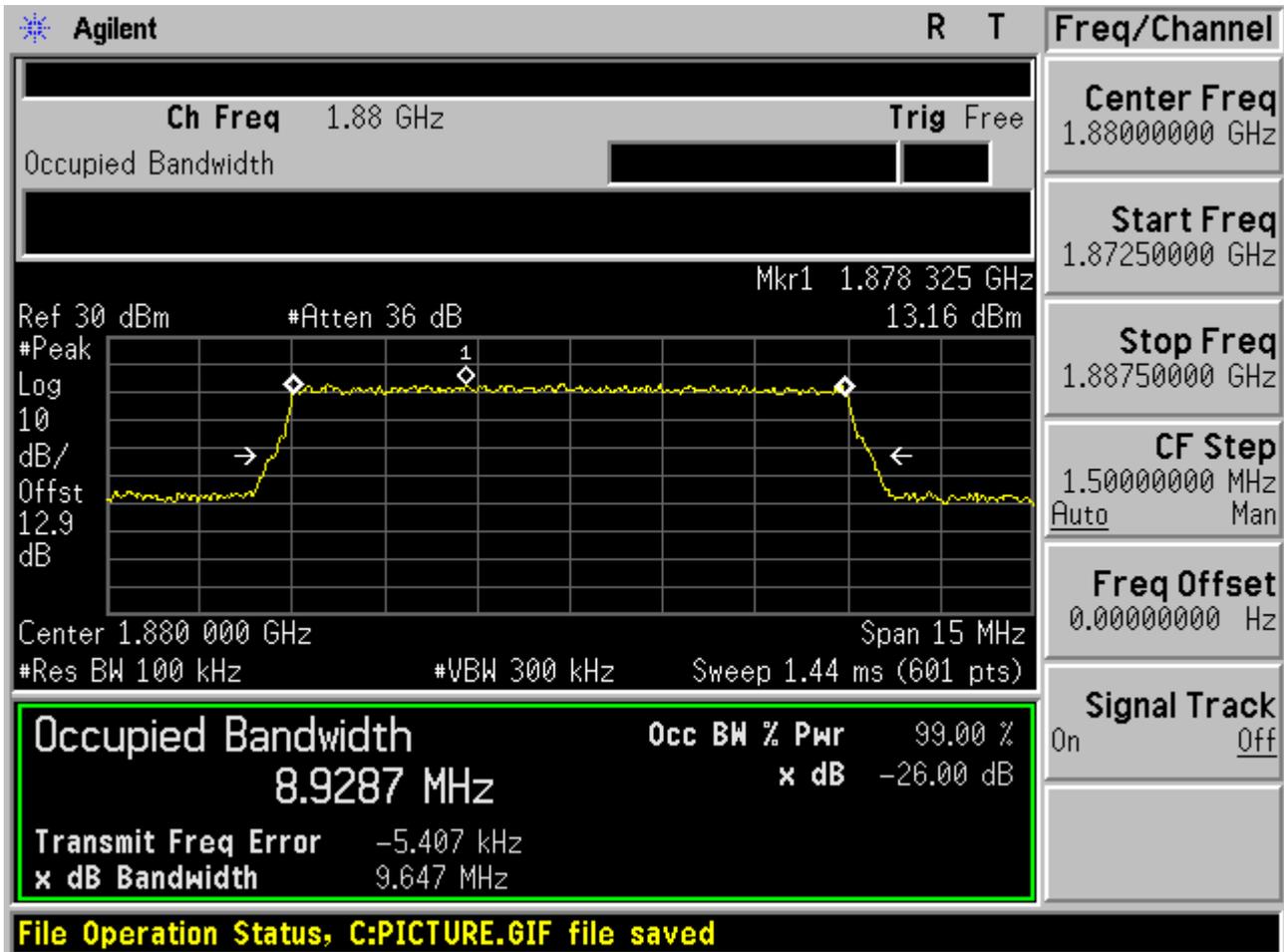


4.1.2.2.3 QPSK/non-1RB #mid/2





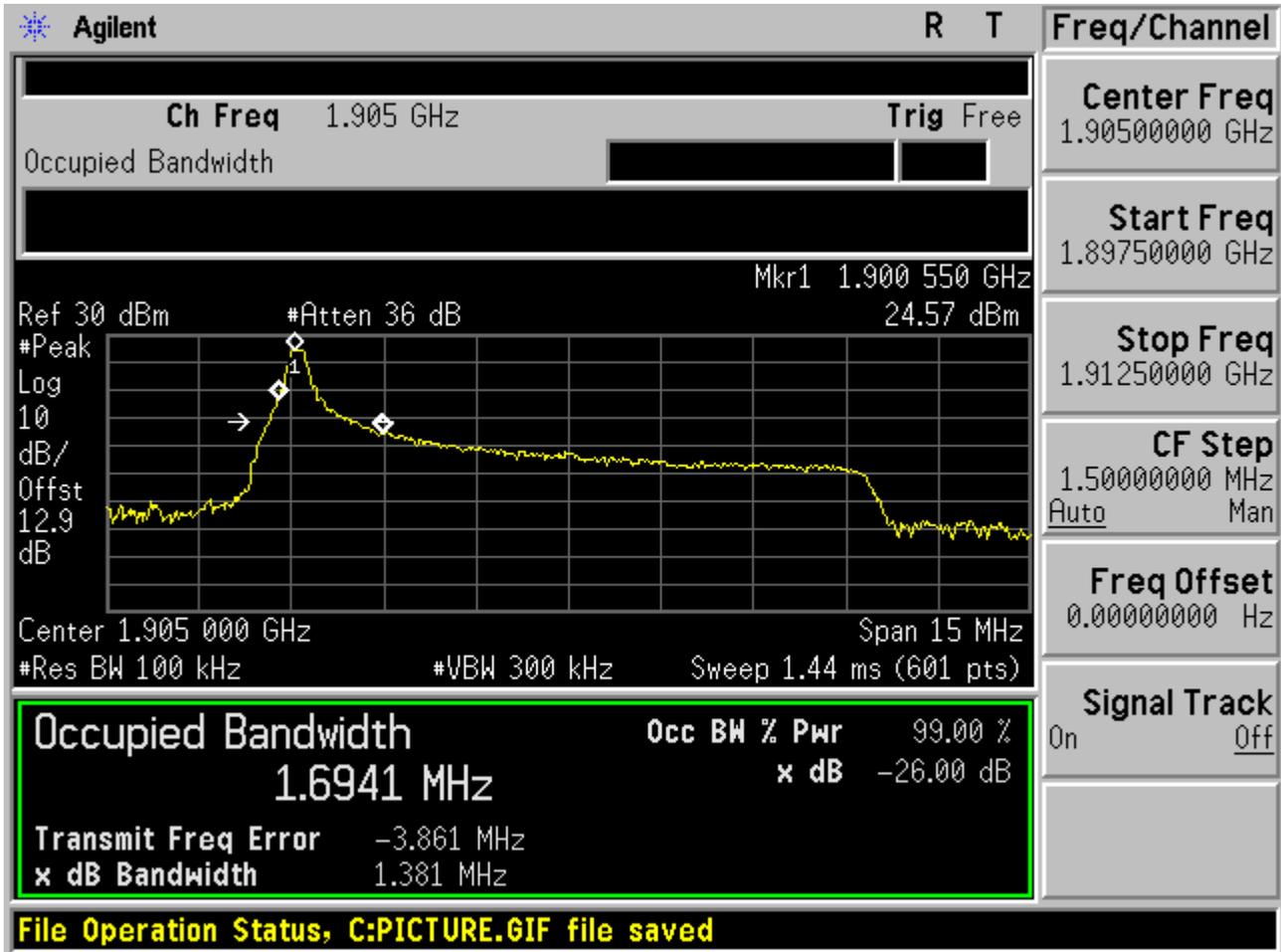
4.1.2.2.4 QPSK/full RBs





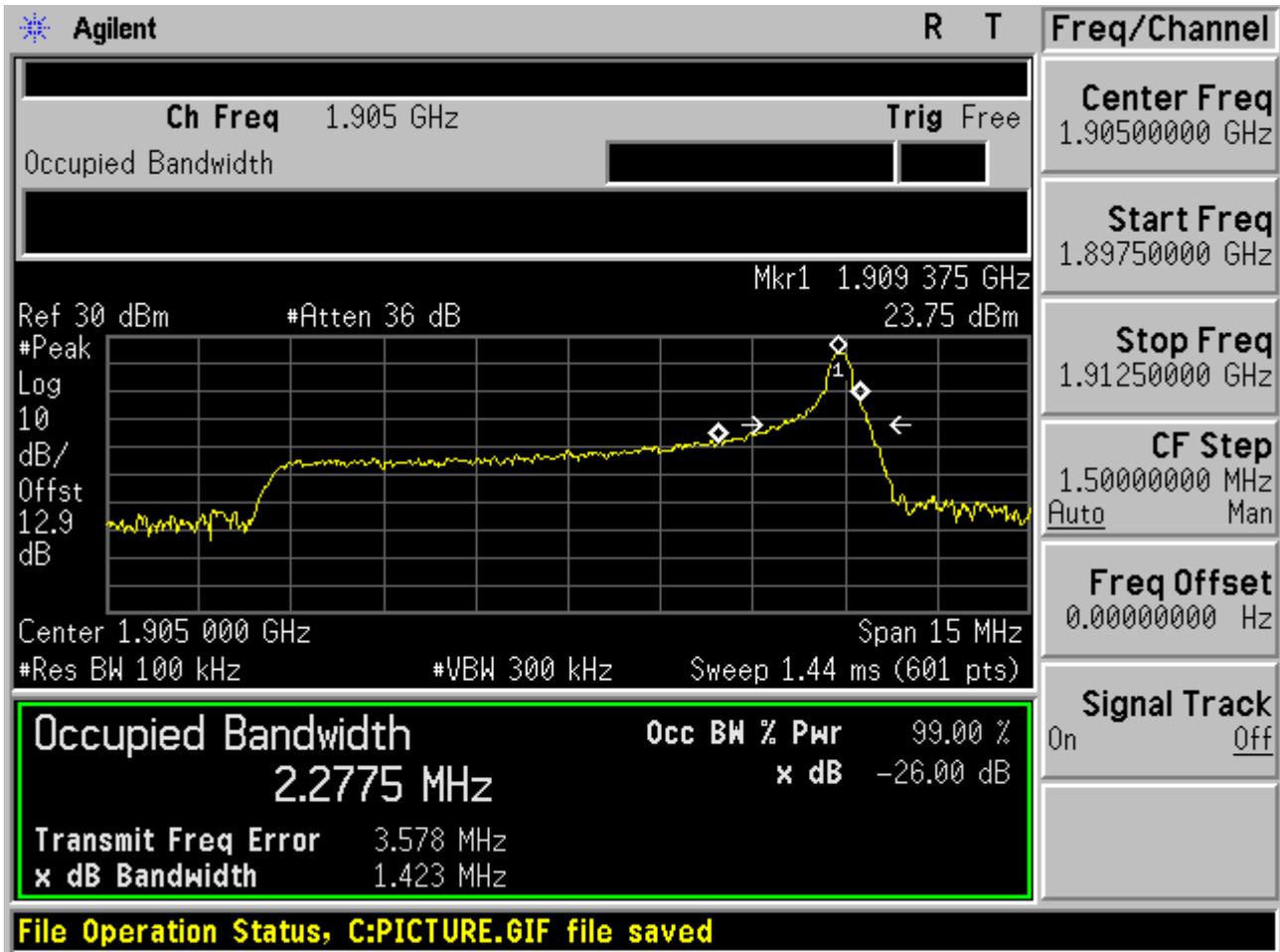
4.1.2.3 Channel = T

4.1.2.3.1 QPSK/1RB # 0



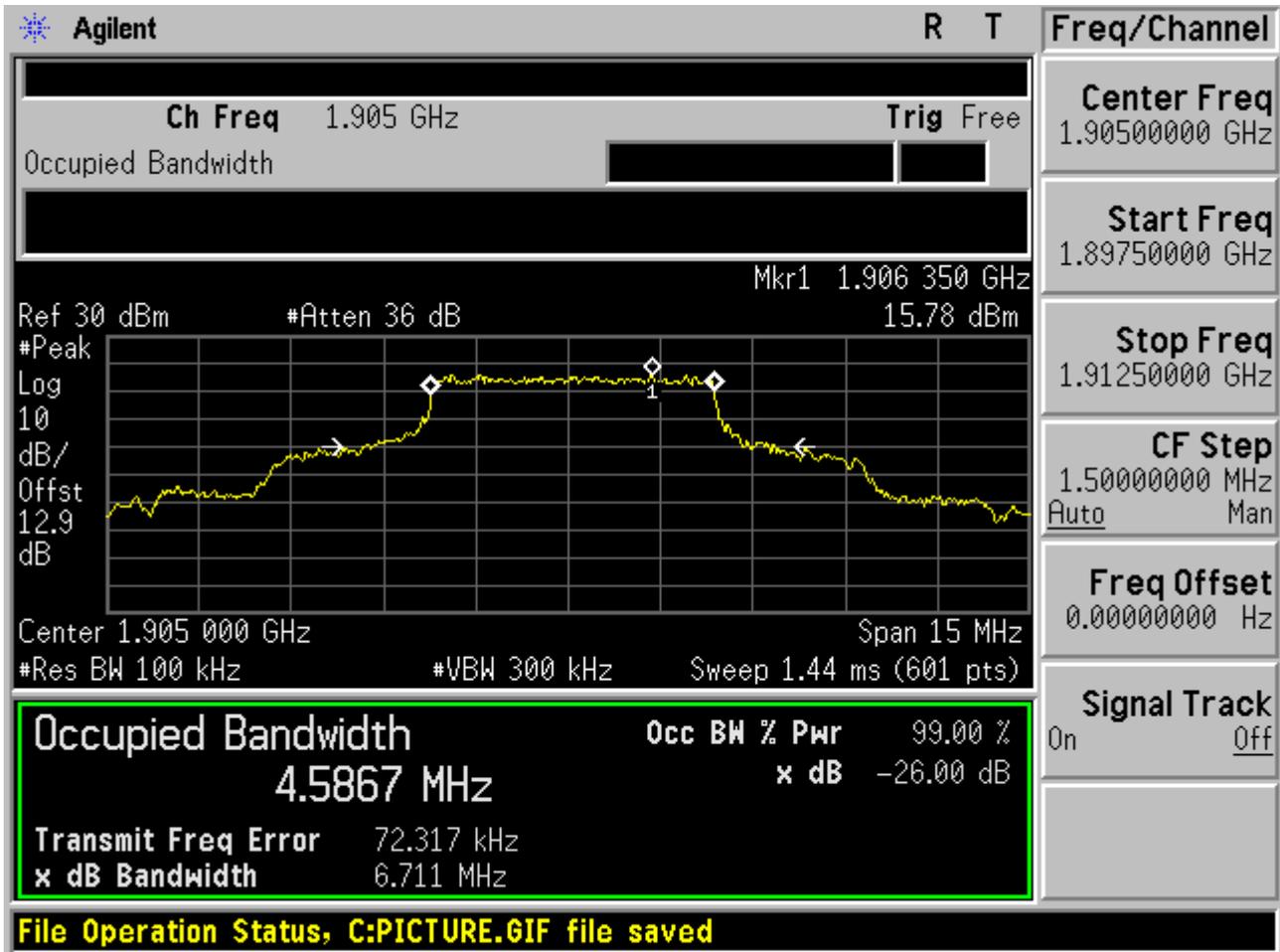


4.1.2.3.2 QPSK/1RB # max



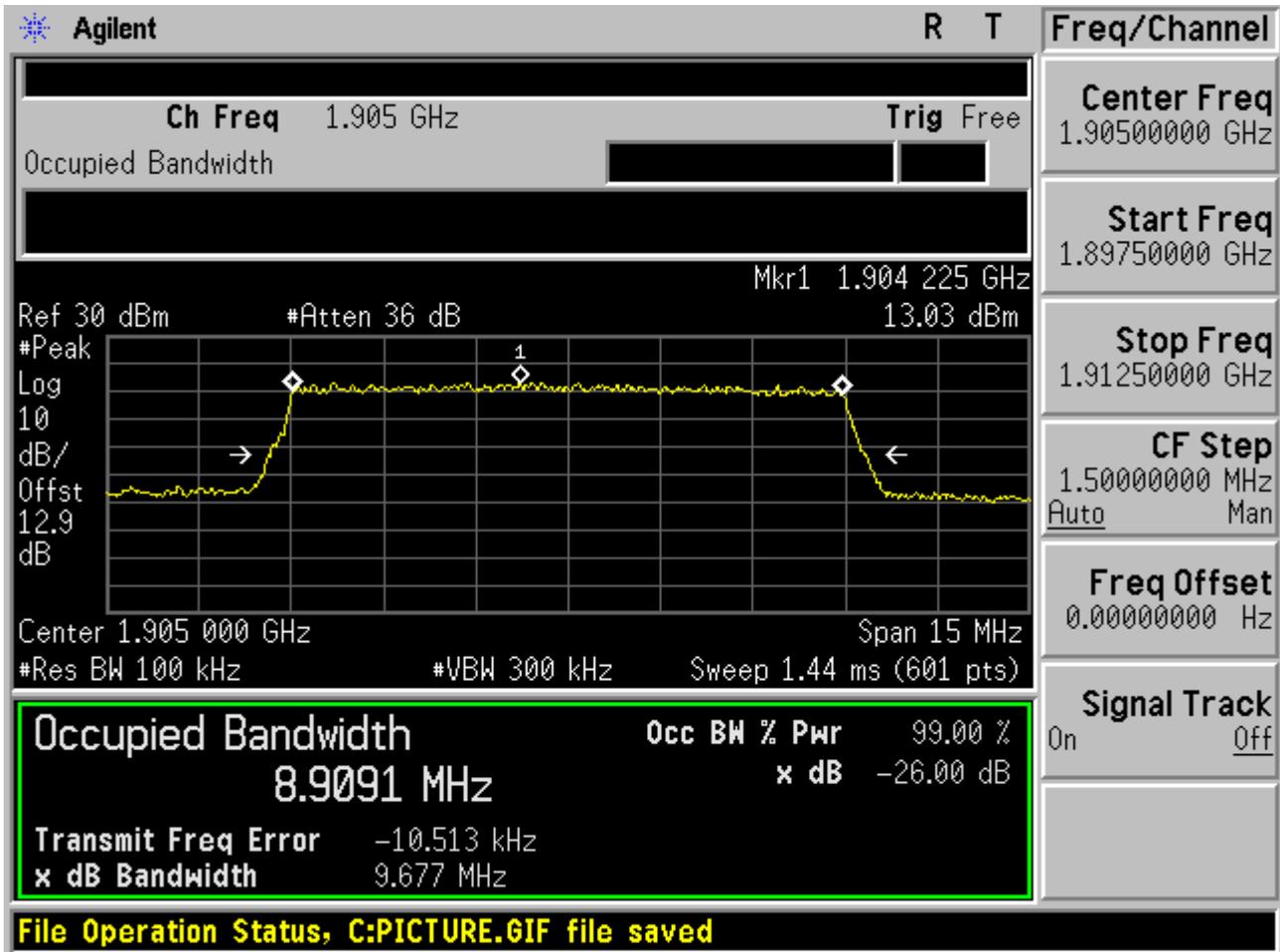


4.1.2.3.3 QPSK/non-1RB #mid/2





4.1.2.3.4 QPSK/full RBs

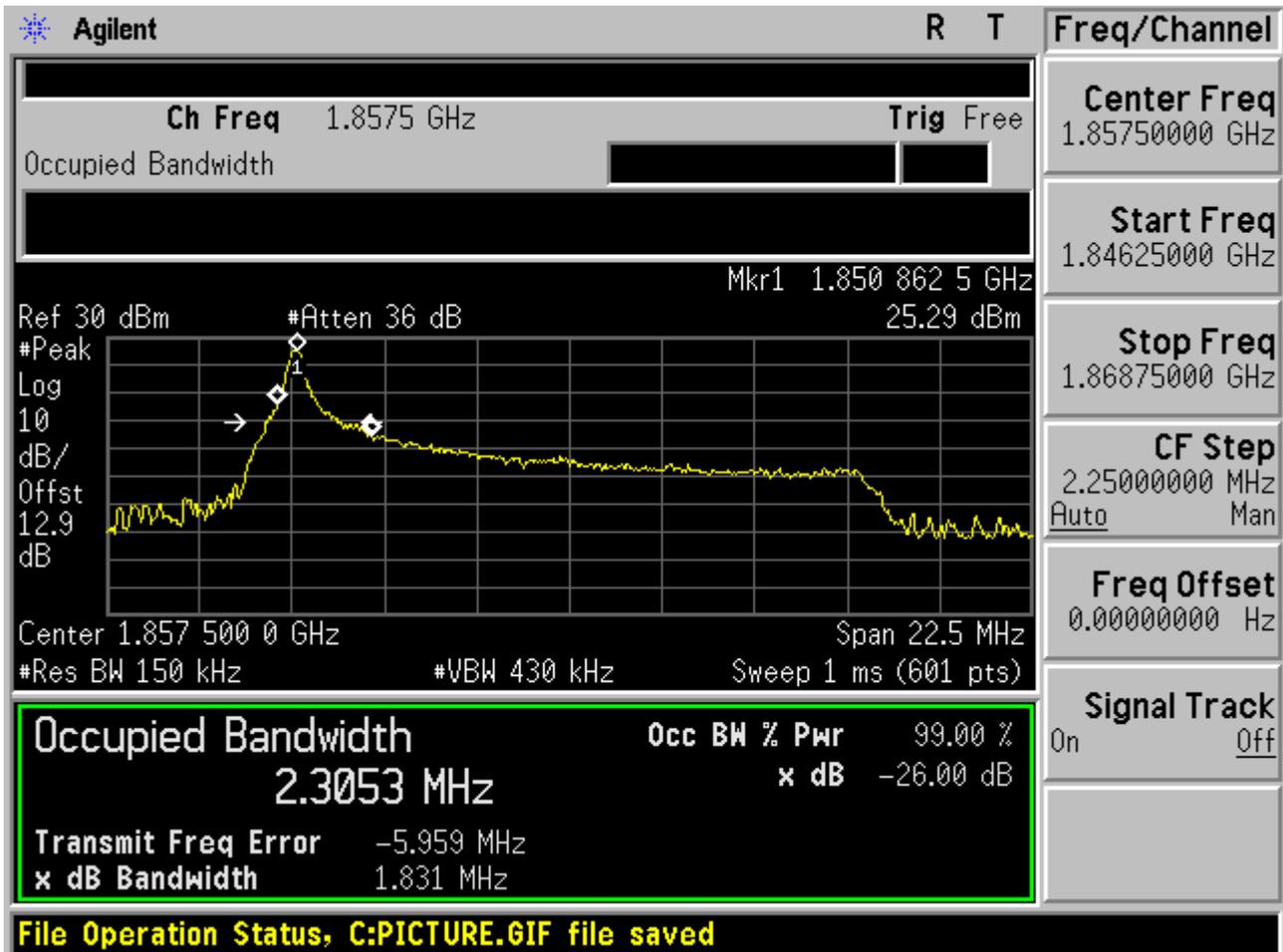




4.1.3 Channel Bandwidth = 15 MHz

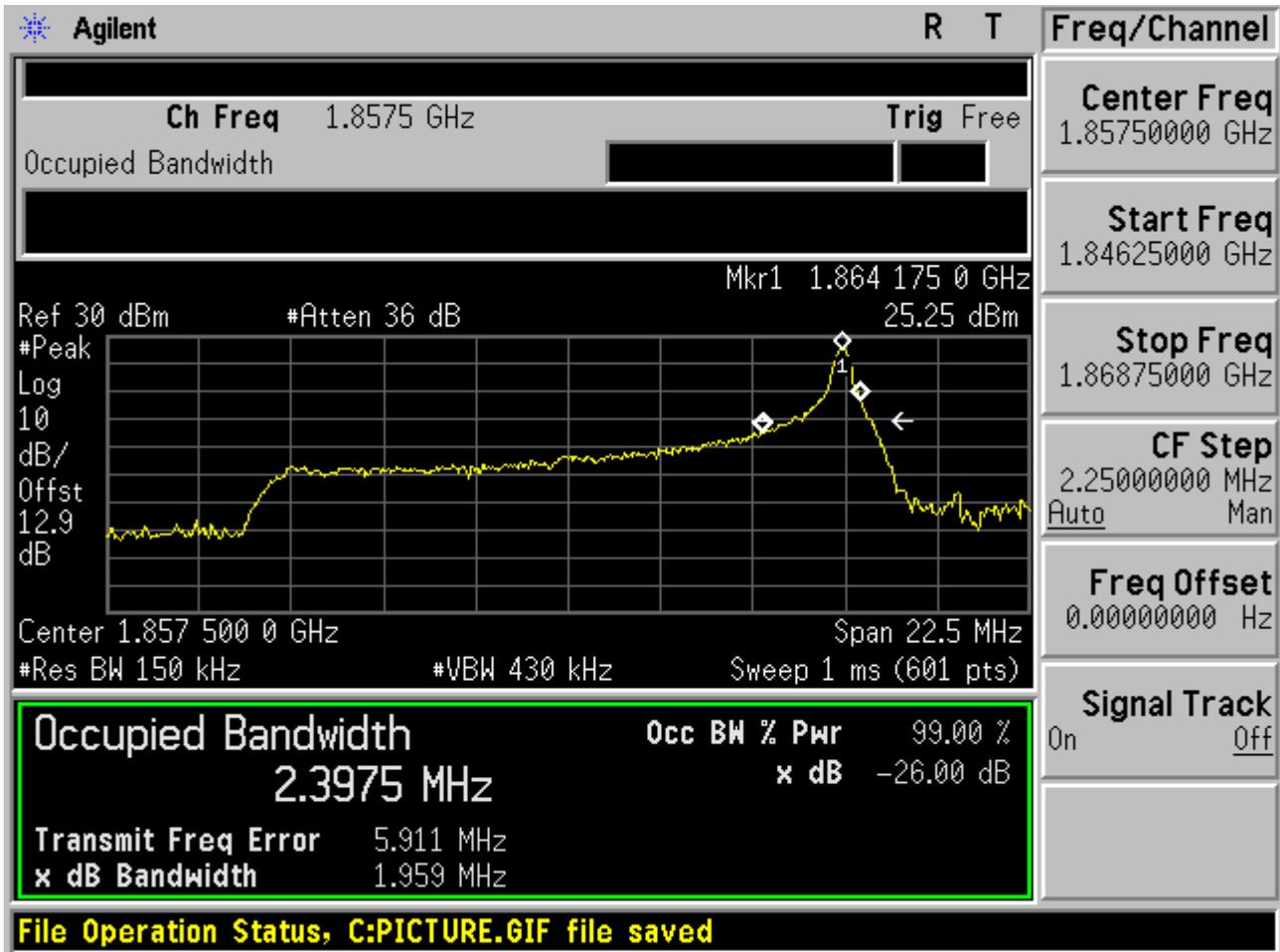
4.1.3.1 Channel = B

4.1.3.1.1 QPSK/1RB # 0



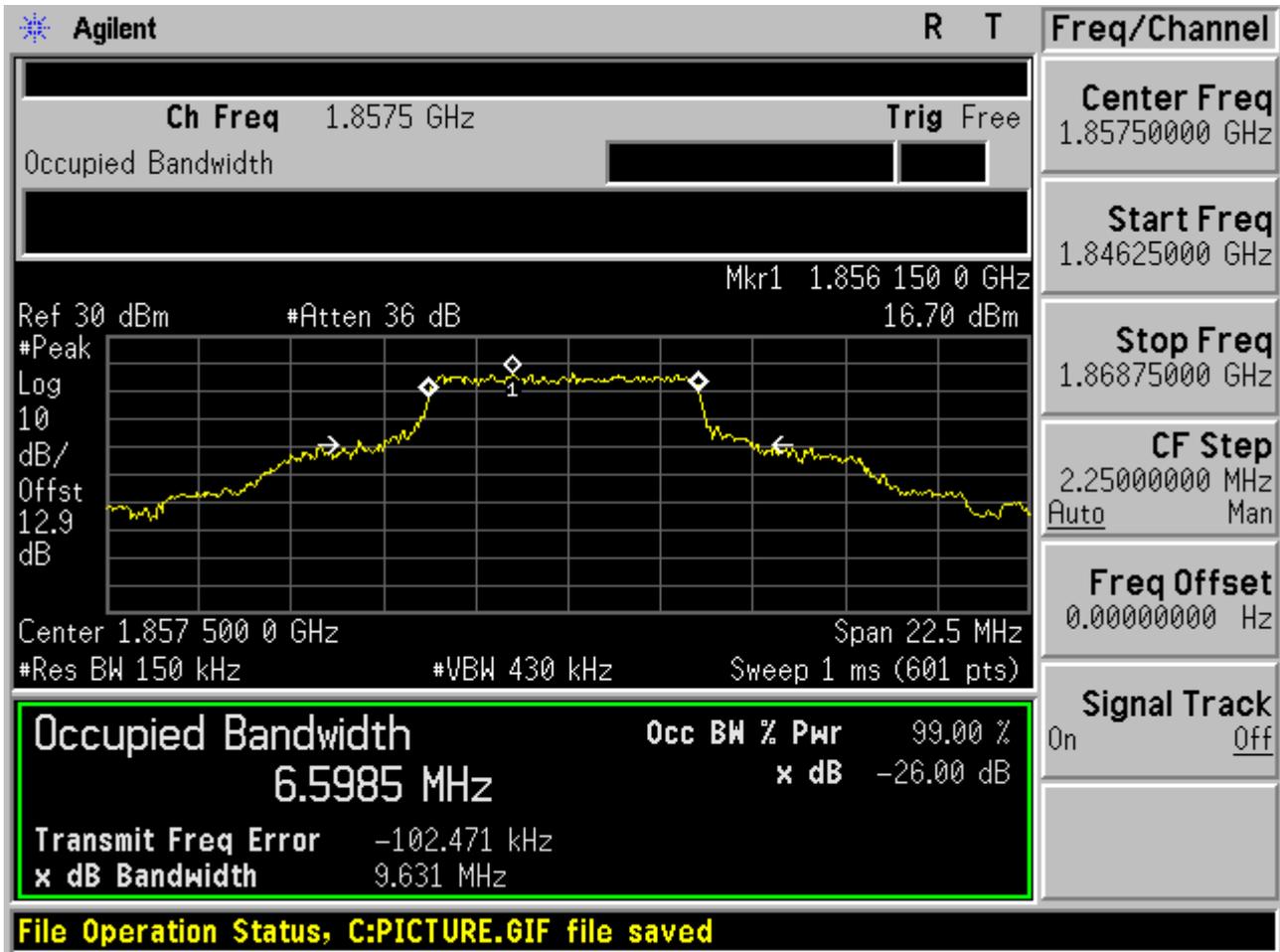


4.1.3.1.2 QPSK/1RB # max



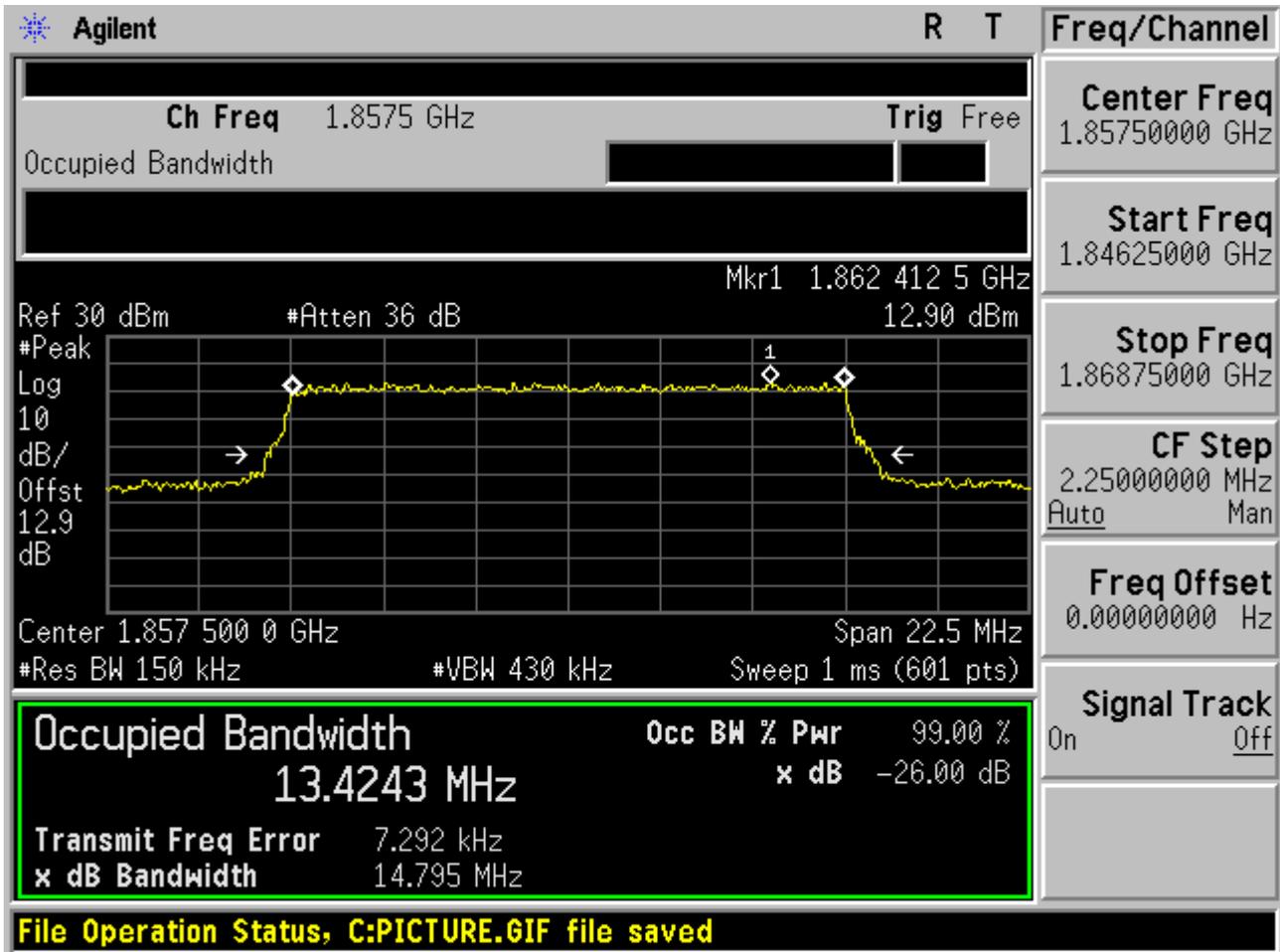


4.1.3.1.3 QPSK/non-1RB #mid/2





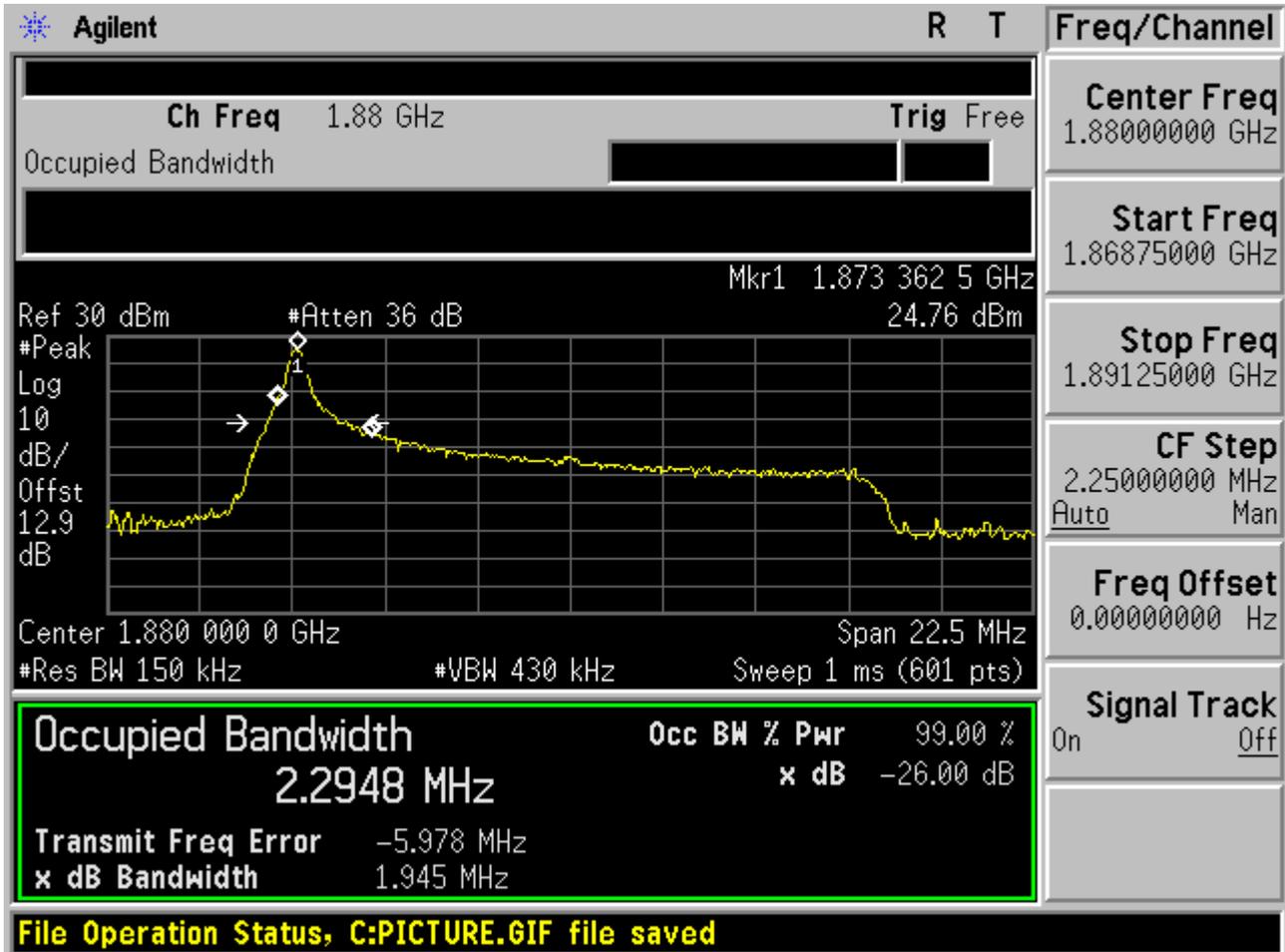
4.1.3.1.4 QPSK/full RBs





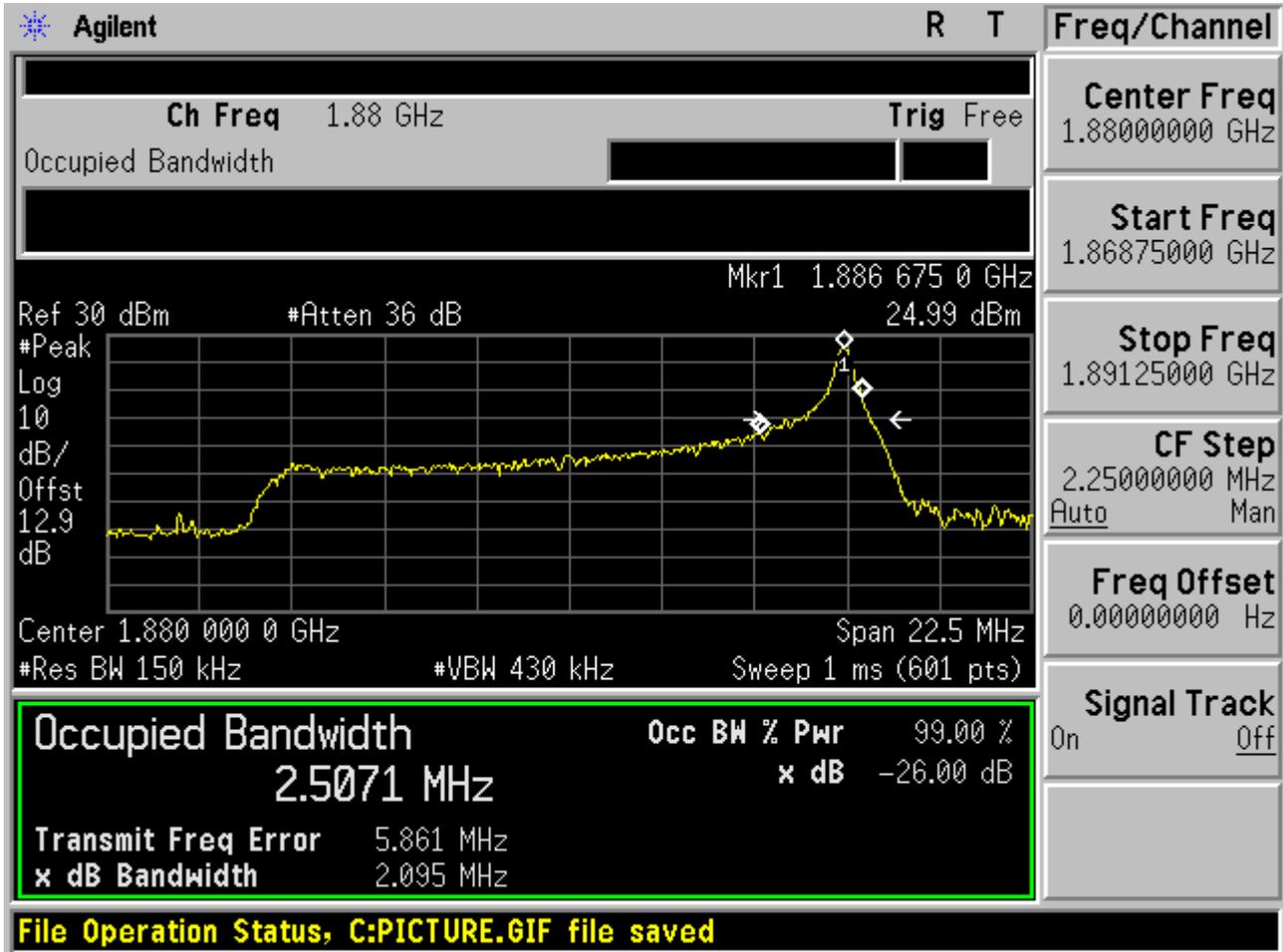
4.1.3.2 Channel =M

4.1.3.2.1 QPSK/1RB # 0



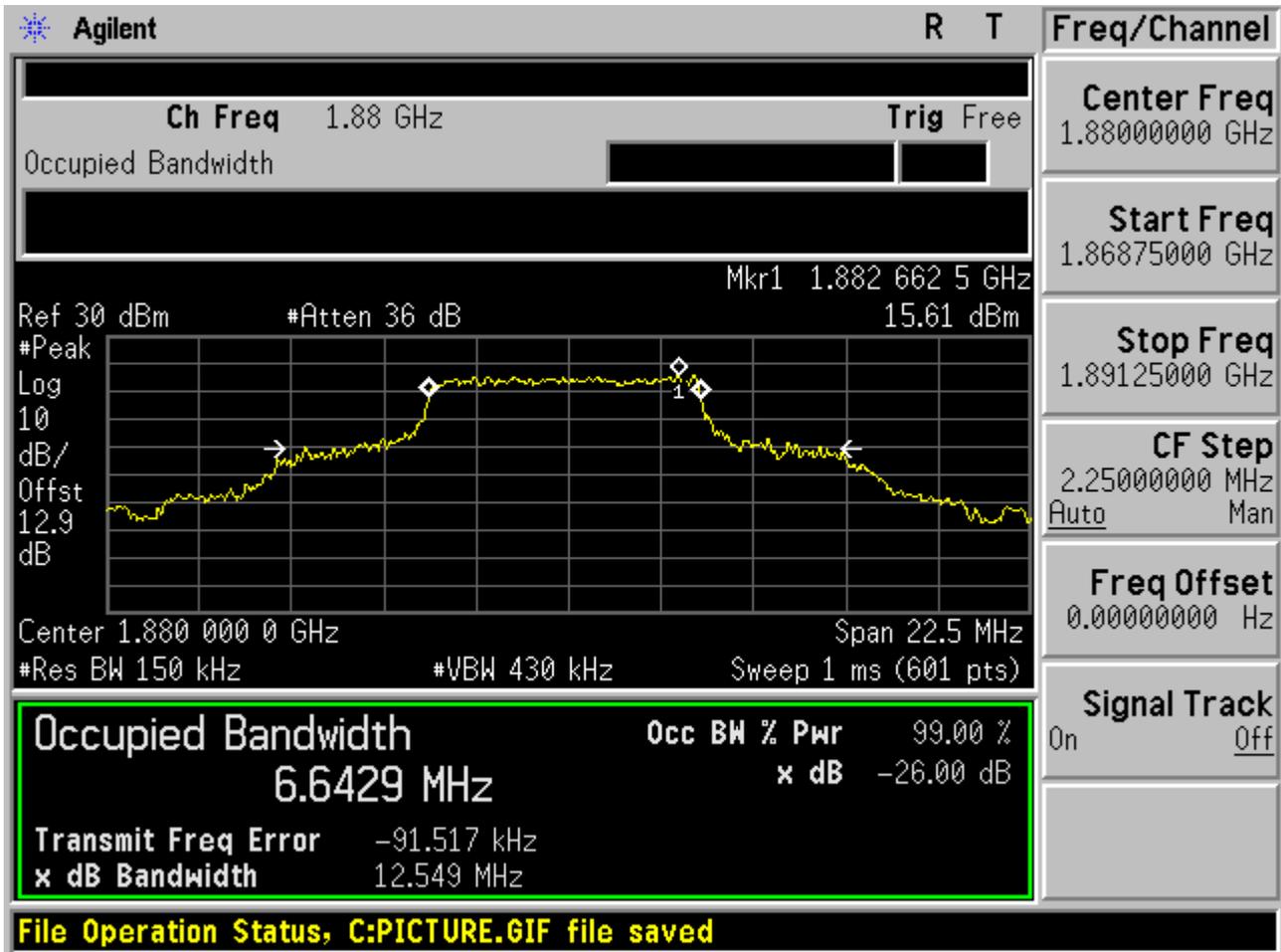


4.1.3.2.2 QPSK/1RB # max



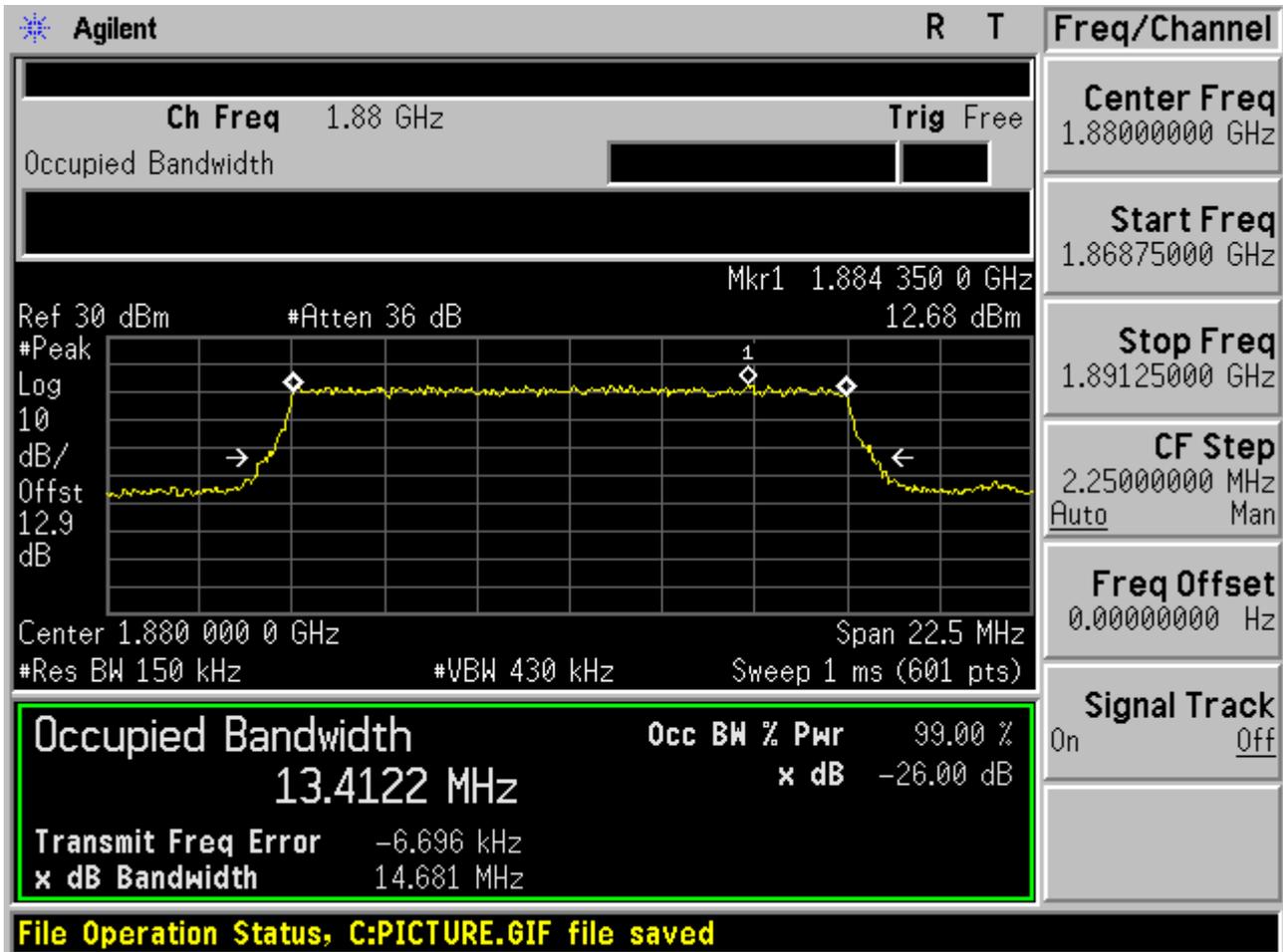


4.1.3.2.3 QPSK/non-1RB #mid/2





4.1.3.2.4 QPSK/full RBs





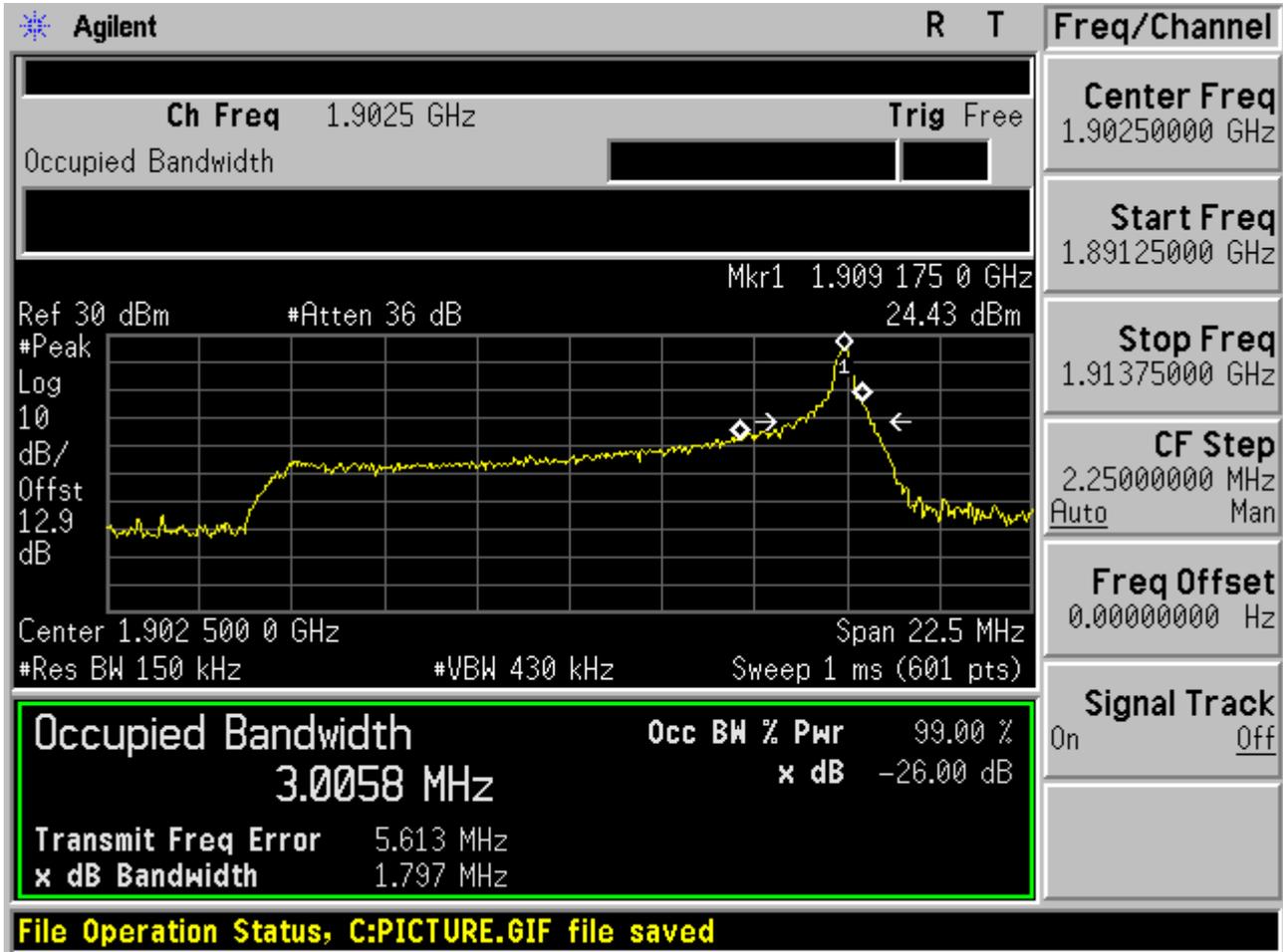
4.1.3.3 Channel = T

4.1.3.3.1 QPSK/1RB # 0





4.1.3.3.2 QPSK/1RB # max





4.1.3.3.3 QPSK/non-1RB #mid/2

Agilent
R T

Ch Freq 1.9025 GHz **Trig** Free

Occupied Bandwidth []

Mkr1 1.903 775 0 GHz

Ref 30 dBm #Atten 36 dB 15.96 dBm

Center 1.902 500 0 GHz Span 22.5 MHz

#Res BW 150 kHz #VBW 430 kHz Sweep 1 ms (601 pts)

Occupied Bandwidth **Occ BW % Pwr** 99.00 %

6.6590 MHz

x dB -26.00 dB

Transmit Freq Error -103.980 kHz

x dB Bandwidth 11.561 MHz

Signal Track

On Off

Freq/Channel

Center Freq 1.90250000 GHz

Start Freq 1.89125000 GHz

Stop Freq 1.91375000 GHz

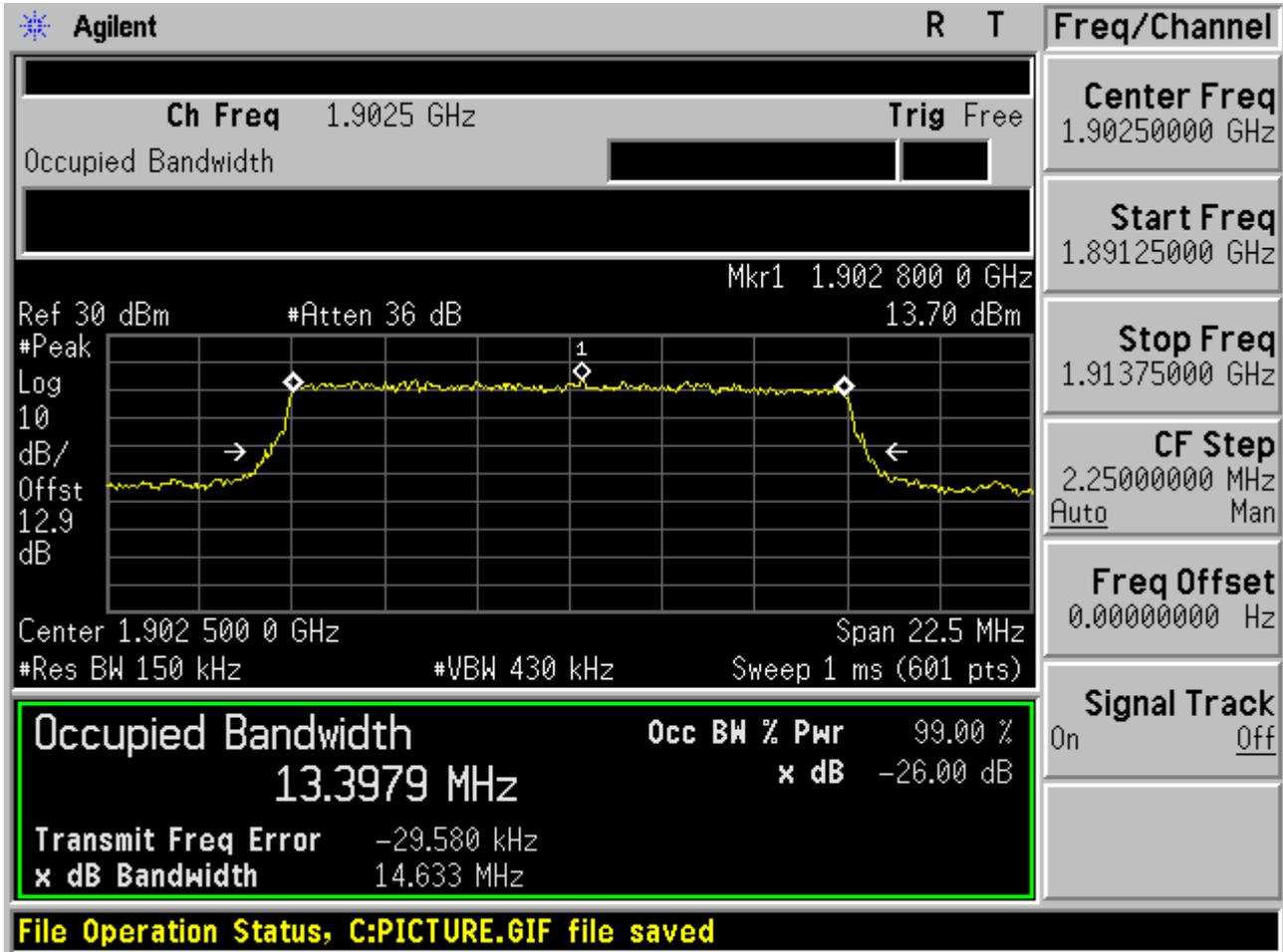
CF Step 2.25000000 MHz Auto Man

Freq Offset 0.00000000 Hz

File Operation Status, C:PICTURE.GIF file saved



4.1.3.3.4 QPSK/full RBs

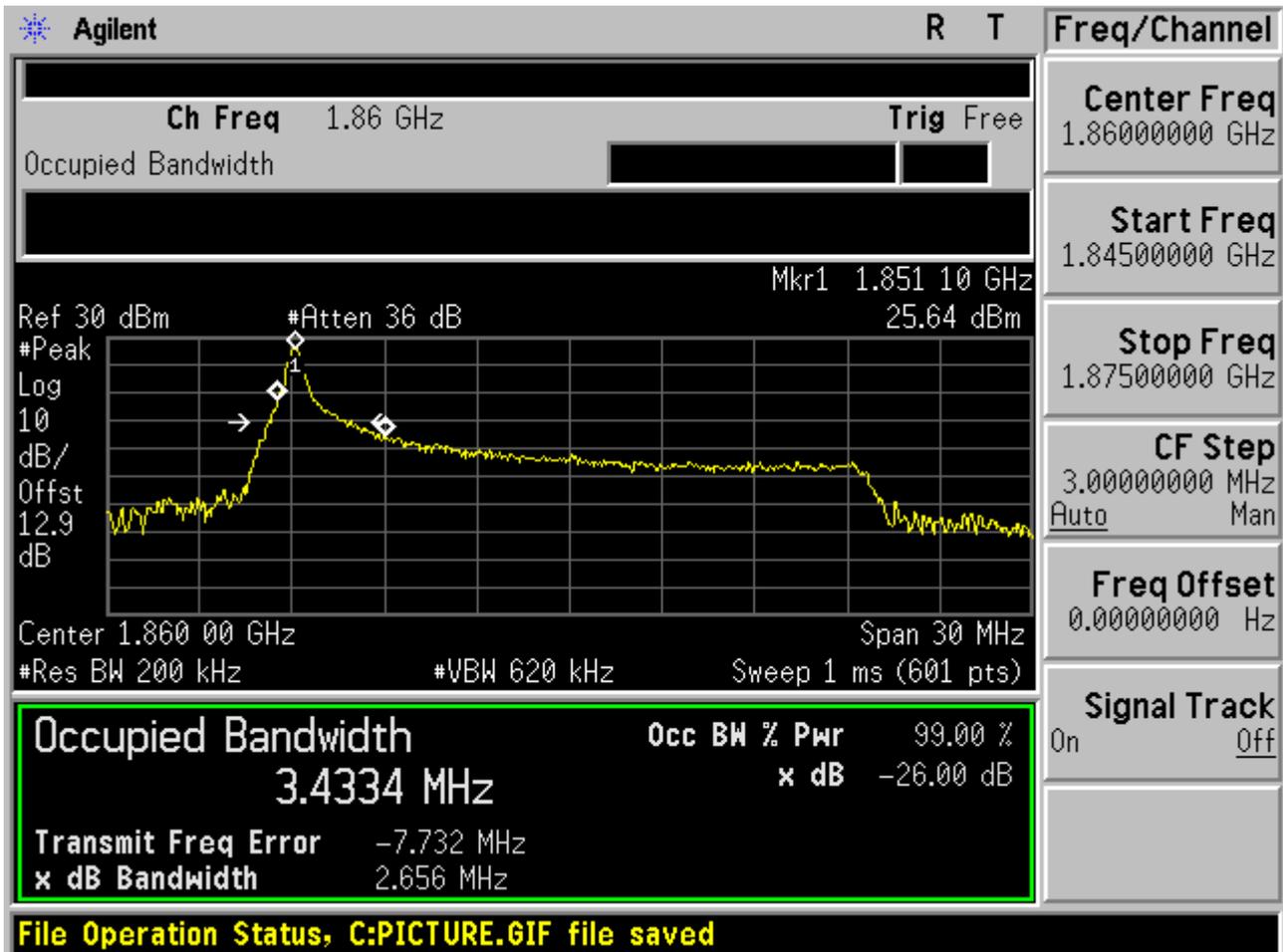




4.1.4 Channel Bandwidth = 20 MHz

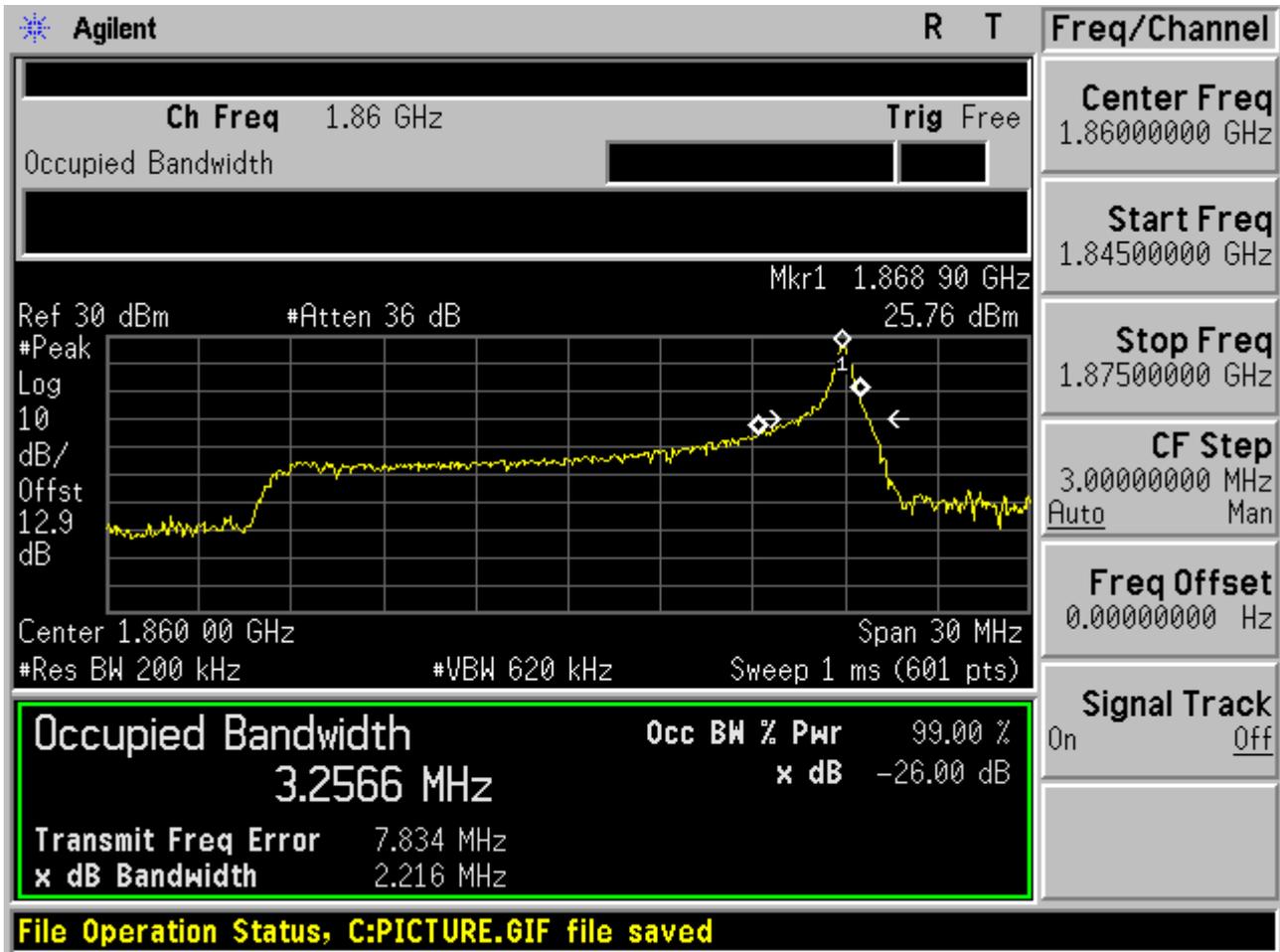
4.1.4.1 Channel = B

4.1.4.1.1 QPSK/1RB # 0



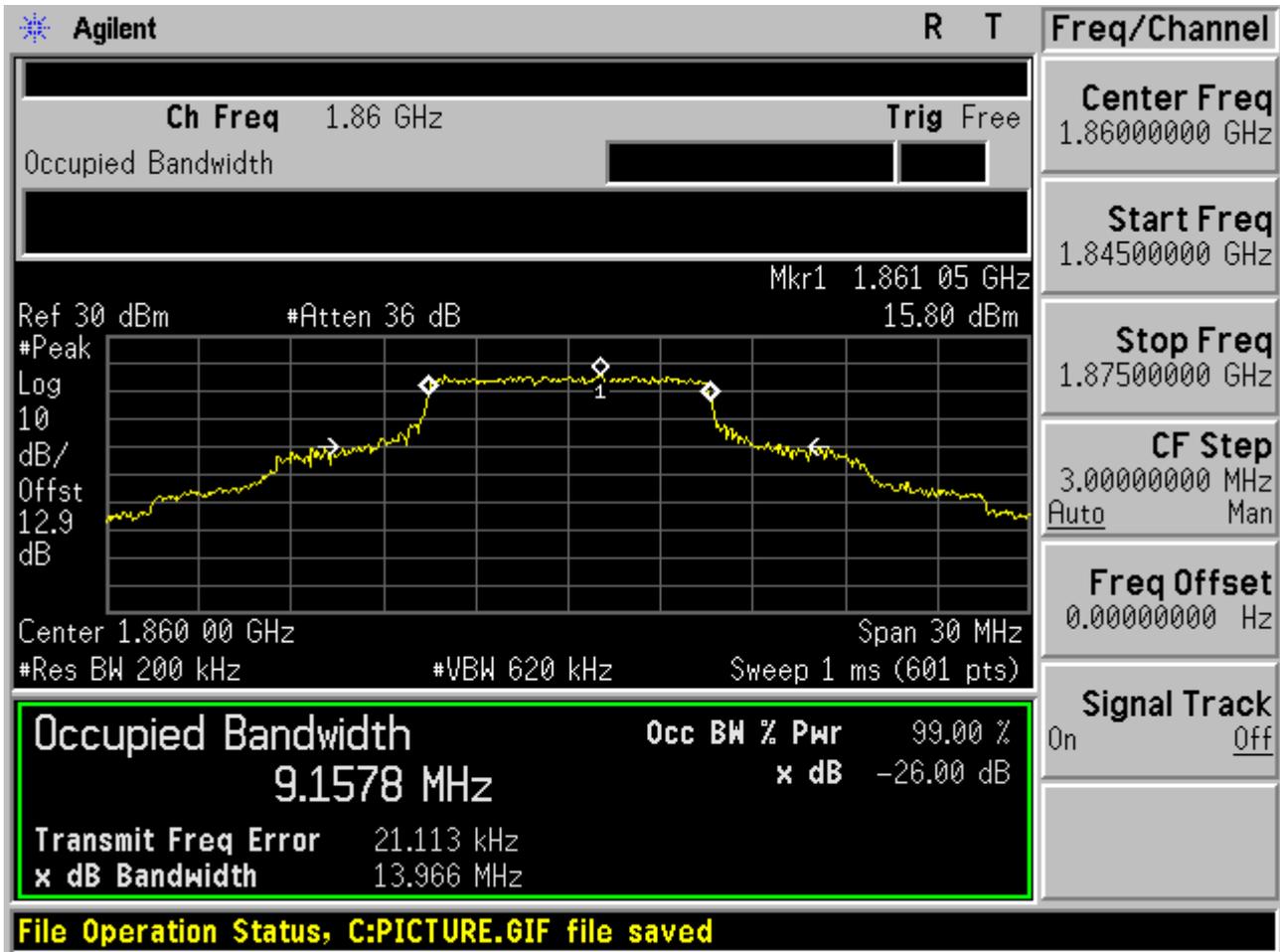


4.1.4.1.2 QPSK/1RB # max



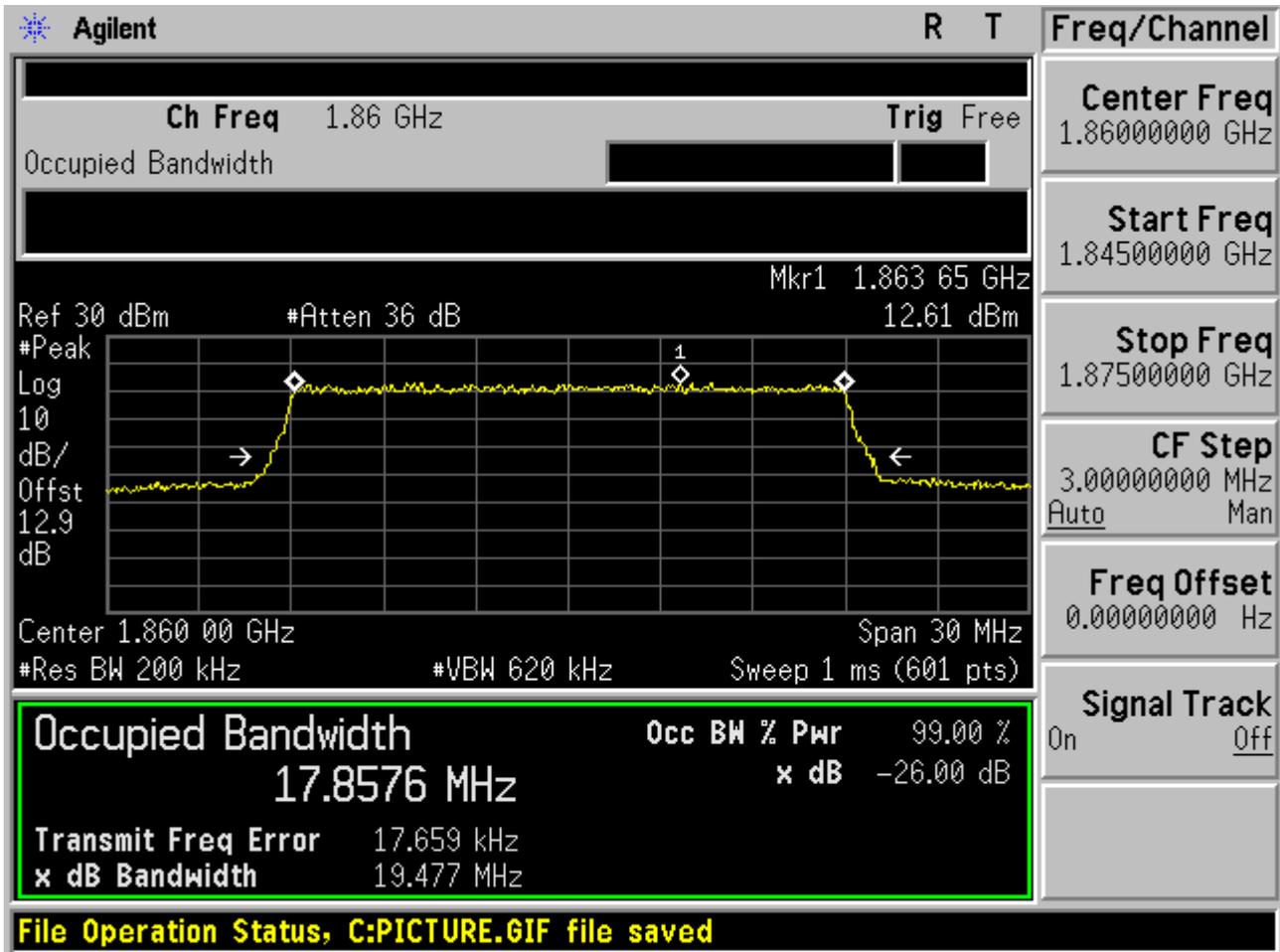


4.1.4.1.3 QPSK/non-1RB #mid/2





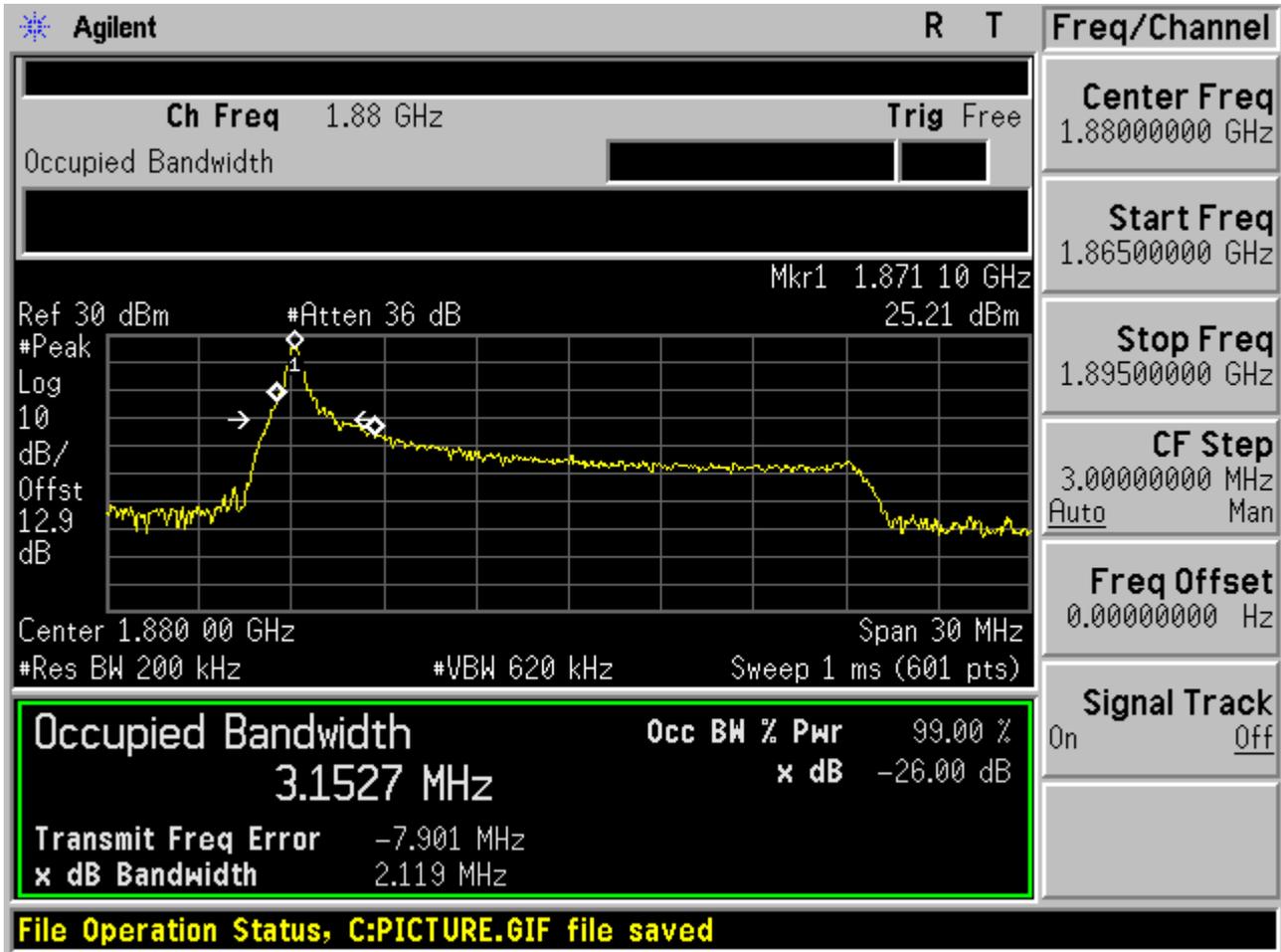
4.1.4.1.4 QPSK/full RBs





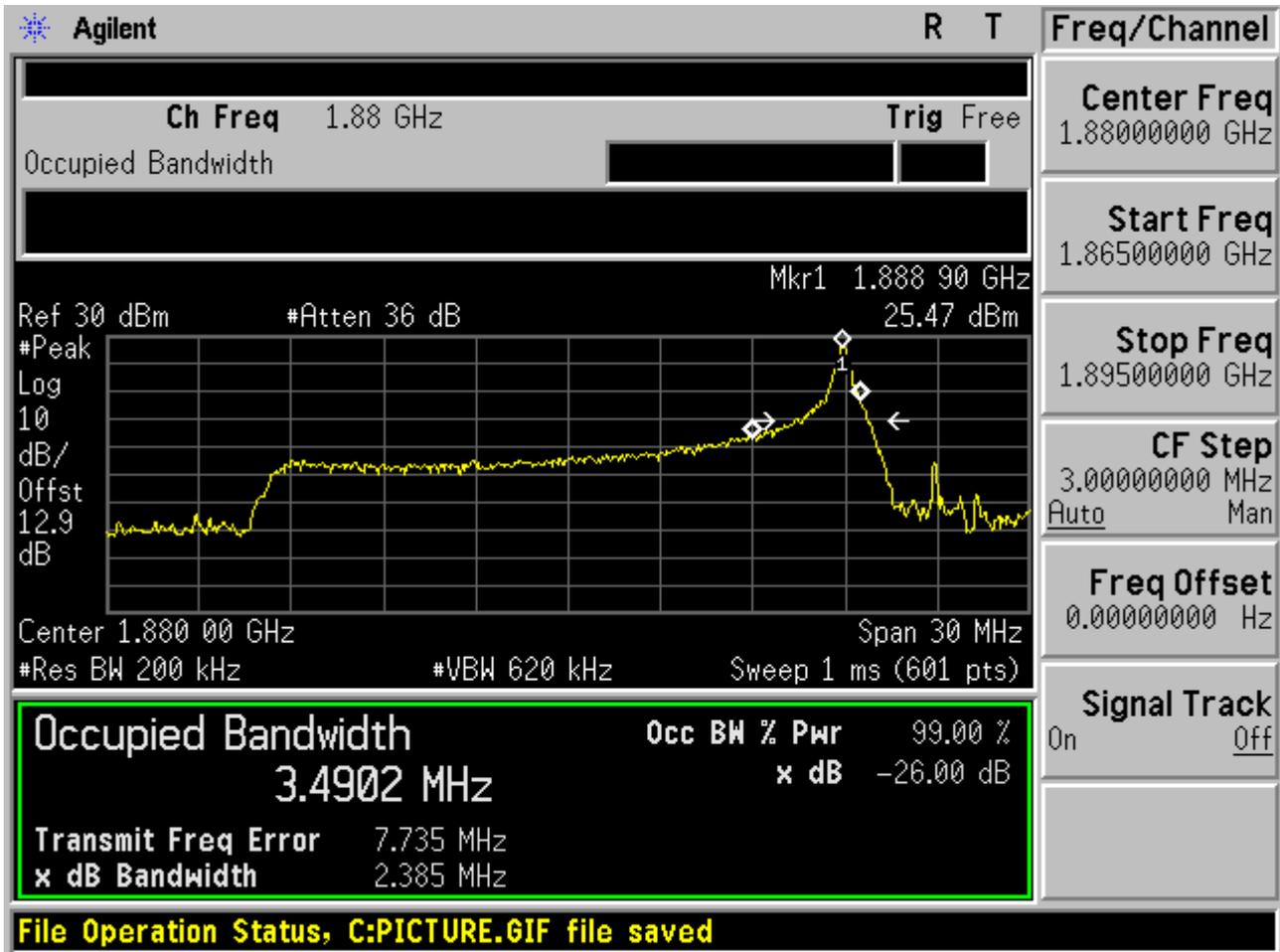
4.1.4.2 Channel =M

4.1.4.2.1 QPSK/1RB # 0



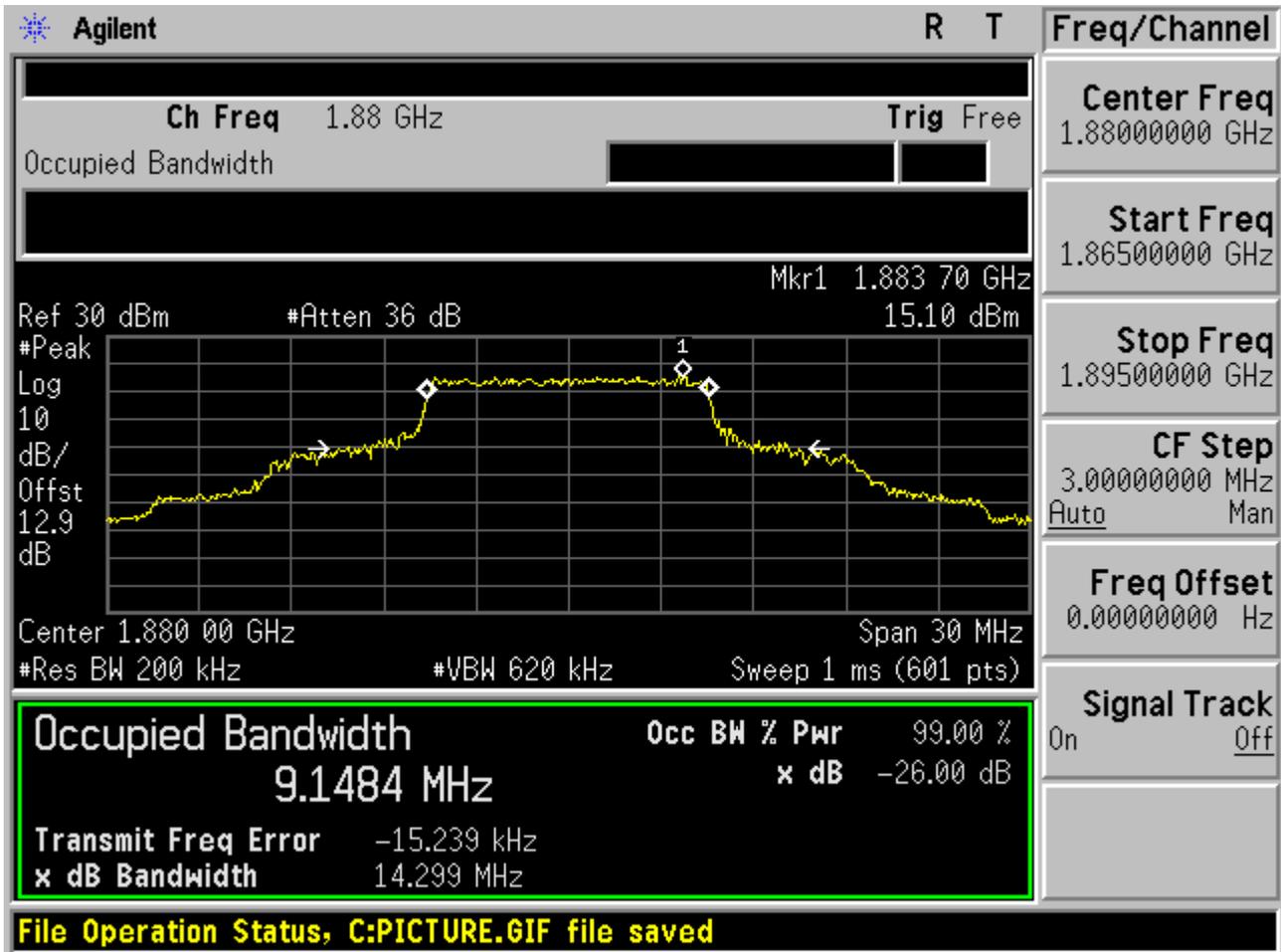


4.1.4.2.2 QPSK/1RB # max



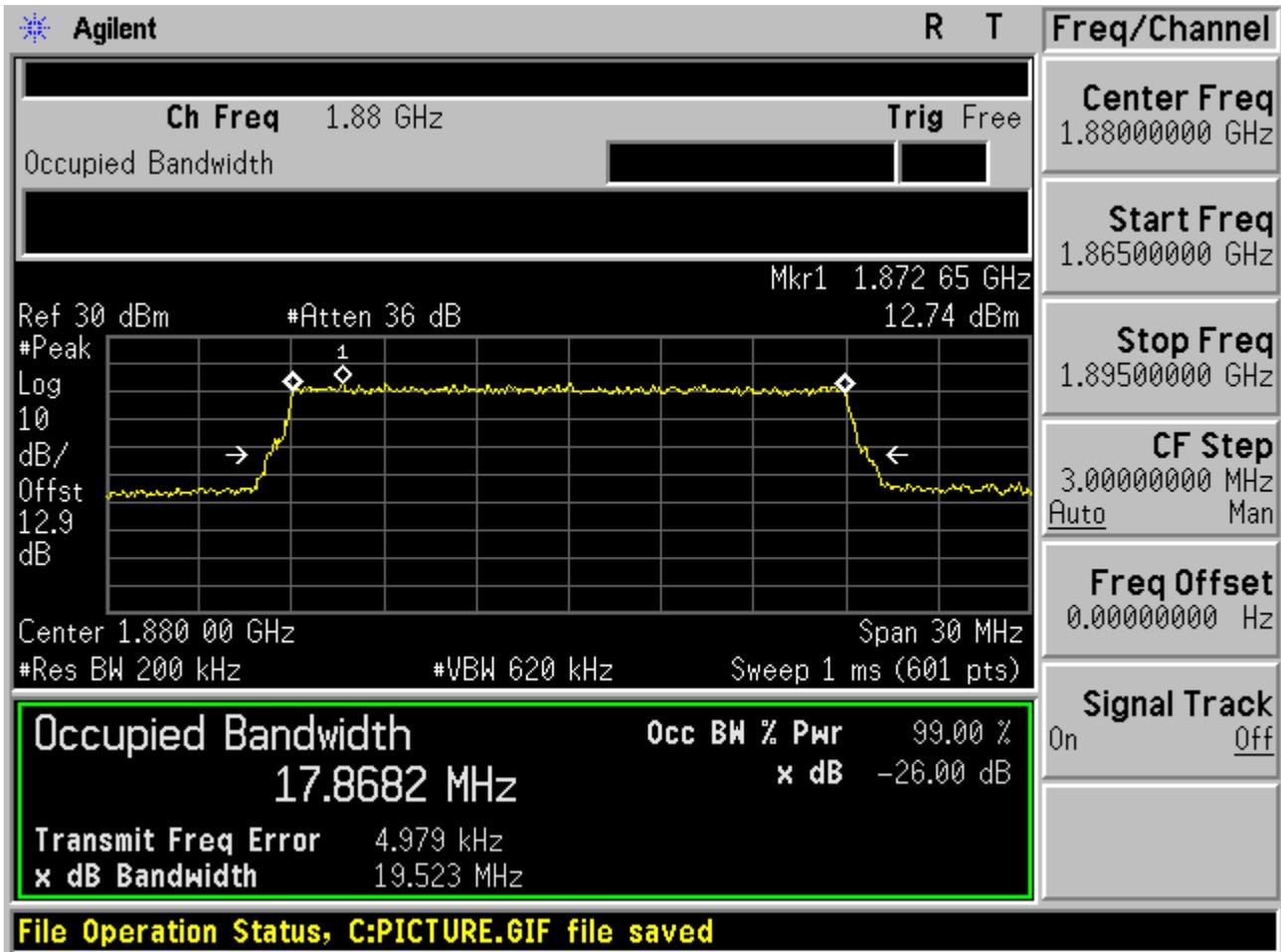


4.1.4.2.3 QPSK/non-1RB #mid/2





4.1.4.2.4 QPSK/full RBs





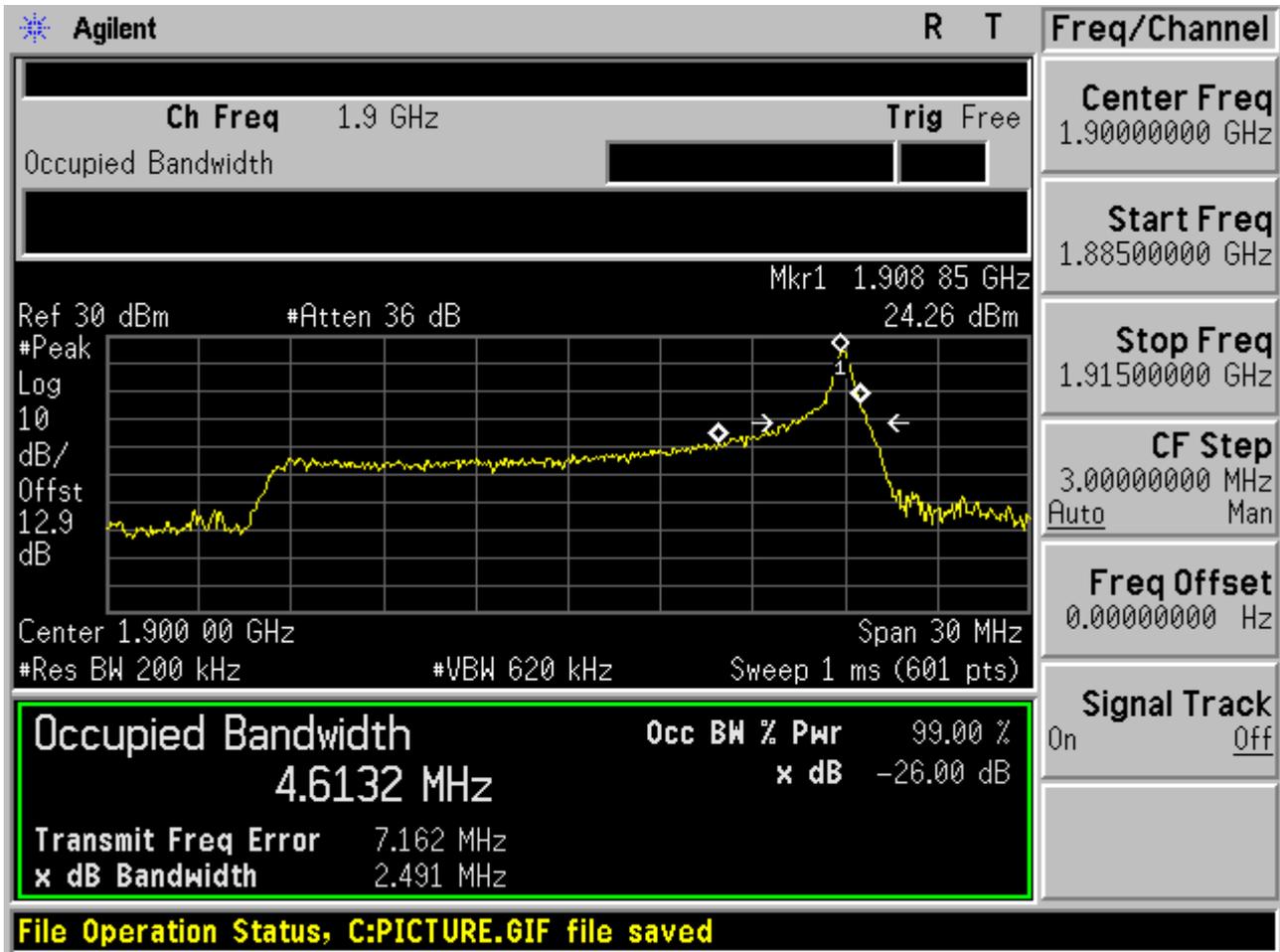
4.1.4.3 Channel = T

4.1.4.3.1 QPSK/1RB # 0





4.1.4.3.2 QPSK/1RB # max





4.1.4.3.3 QPSK/non-1RB #mid/2

Agilent R T

Ch Freq 1.9 GHz Trig Free

Occupied Bandwidth [] []

Ref 30 dBm Mkr1 1.898 95 GHz

#Peak #Atten 36 dB 15.76 dBm

Log

10

dB/

Offst

12.9

dB

Center 1.900 00 GHz Span 30 MHz

#Res BW 200 kHz #VBW 620 kHz Sweep 1 ms (601 pts)

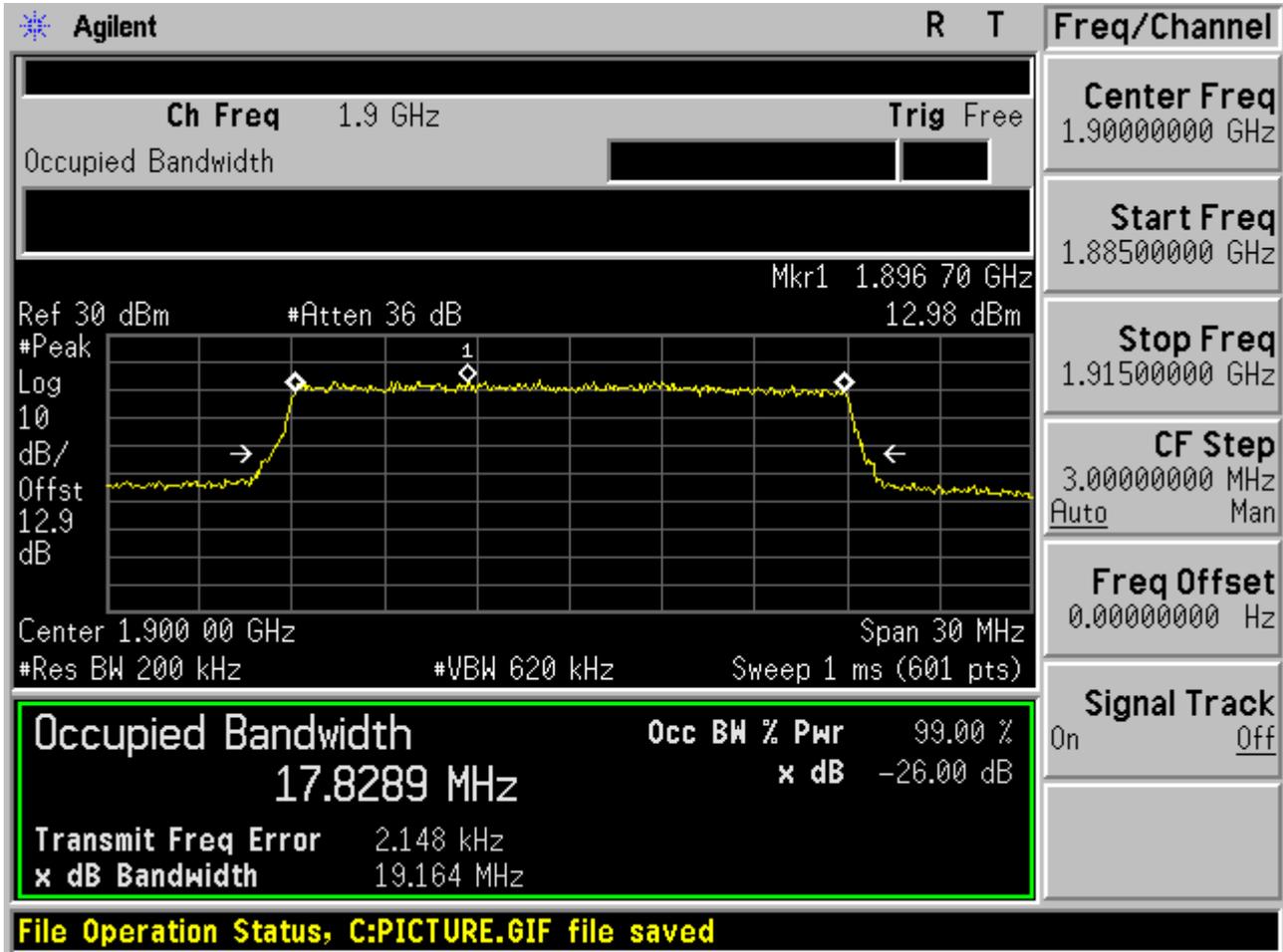
Occupied Bandwidth	Occ BW % Pwr	99.00 %
9.1091 MHz	x dB	-26.00 dB
Transmit Freq Error	591.185 Hz	
x dB Bandwidth	14.327 MHz	

File Operation Status, C:PICTURE.GIF file saved

Freq/Channel
Center Freq 1.90000000 GHz
Start Freq 1.88500000 GHz
Stop Freq 1.91500000 GHz
CF Step 3.00000000 MHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off



4.1.4.3.4 QPSK/full RBs





4.2 Test Mode=TM7

4.2.1 Channel Bandwidth = 5 MHz

4.2.1.1 Channel =B

4.2.1.1.1 16QAM/1RB # 0



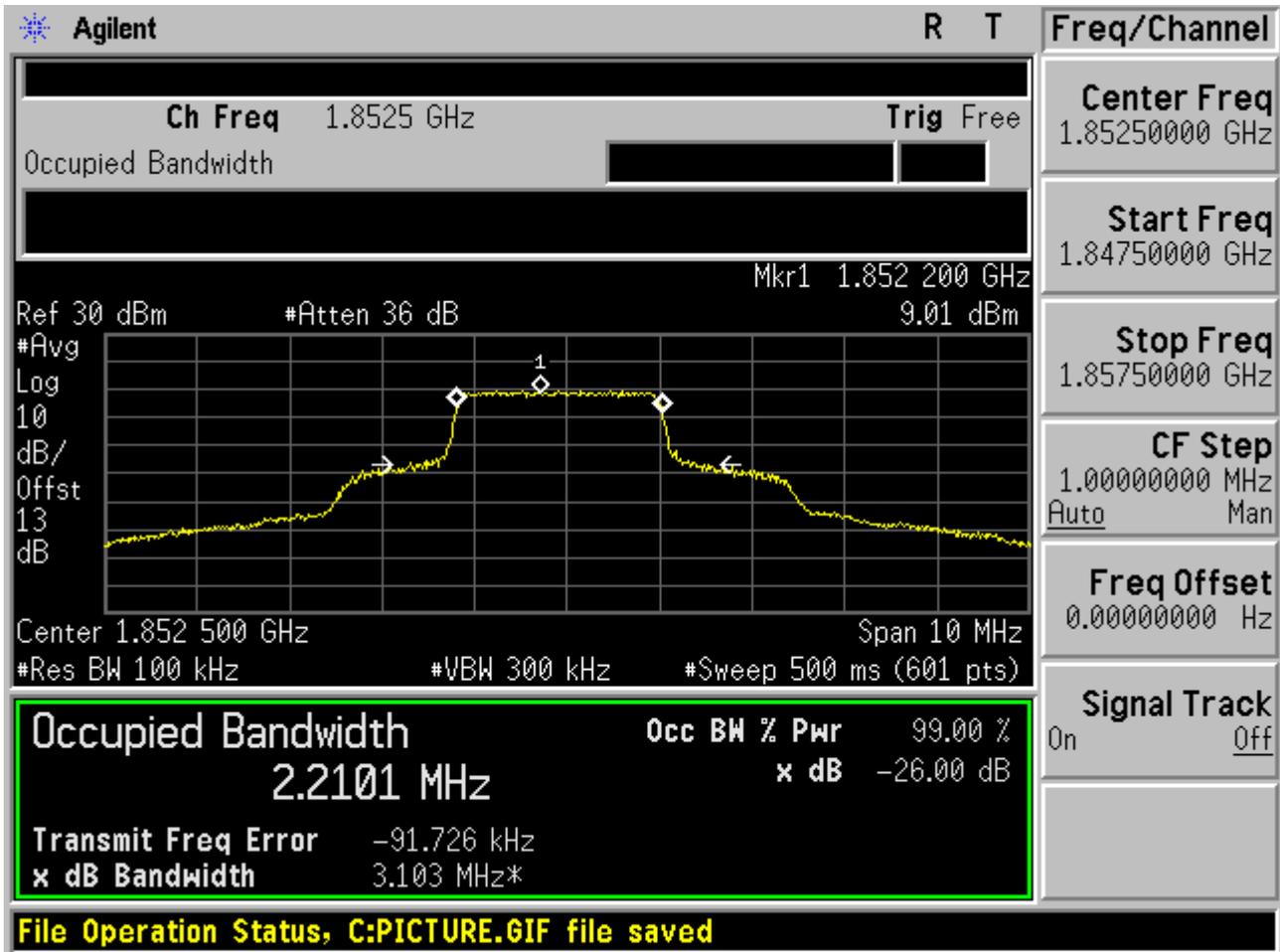


4.2.1.1.2 16QAM /1RB # max



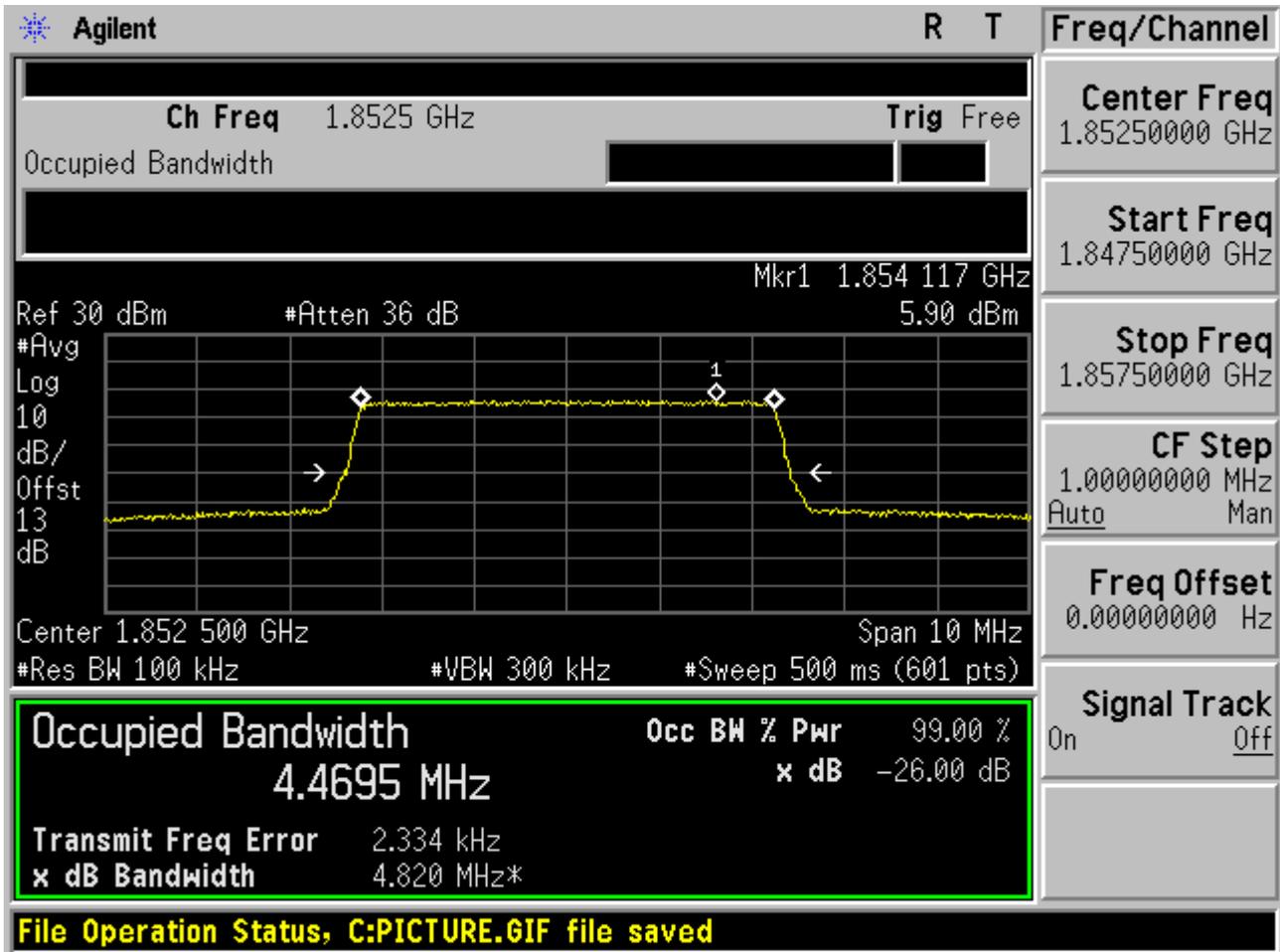


4.2.1.1.3 16QAM /non-1RB #mid/2





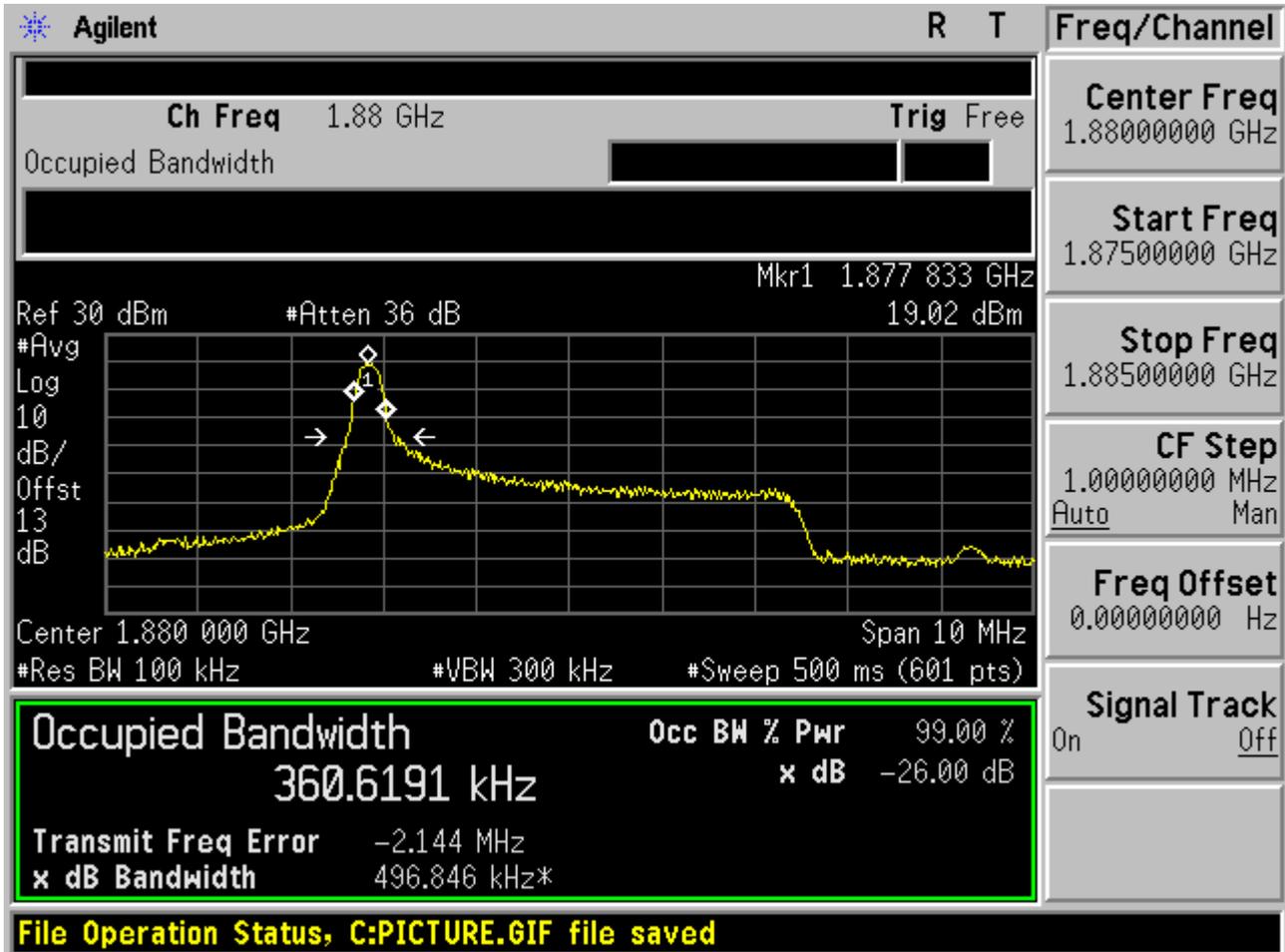
4.2.1.1.4 16QAM /full RBs





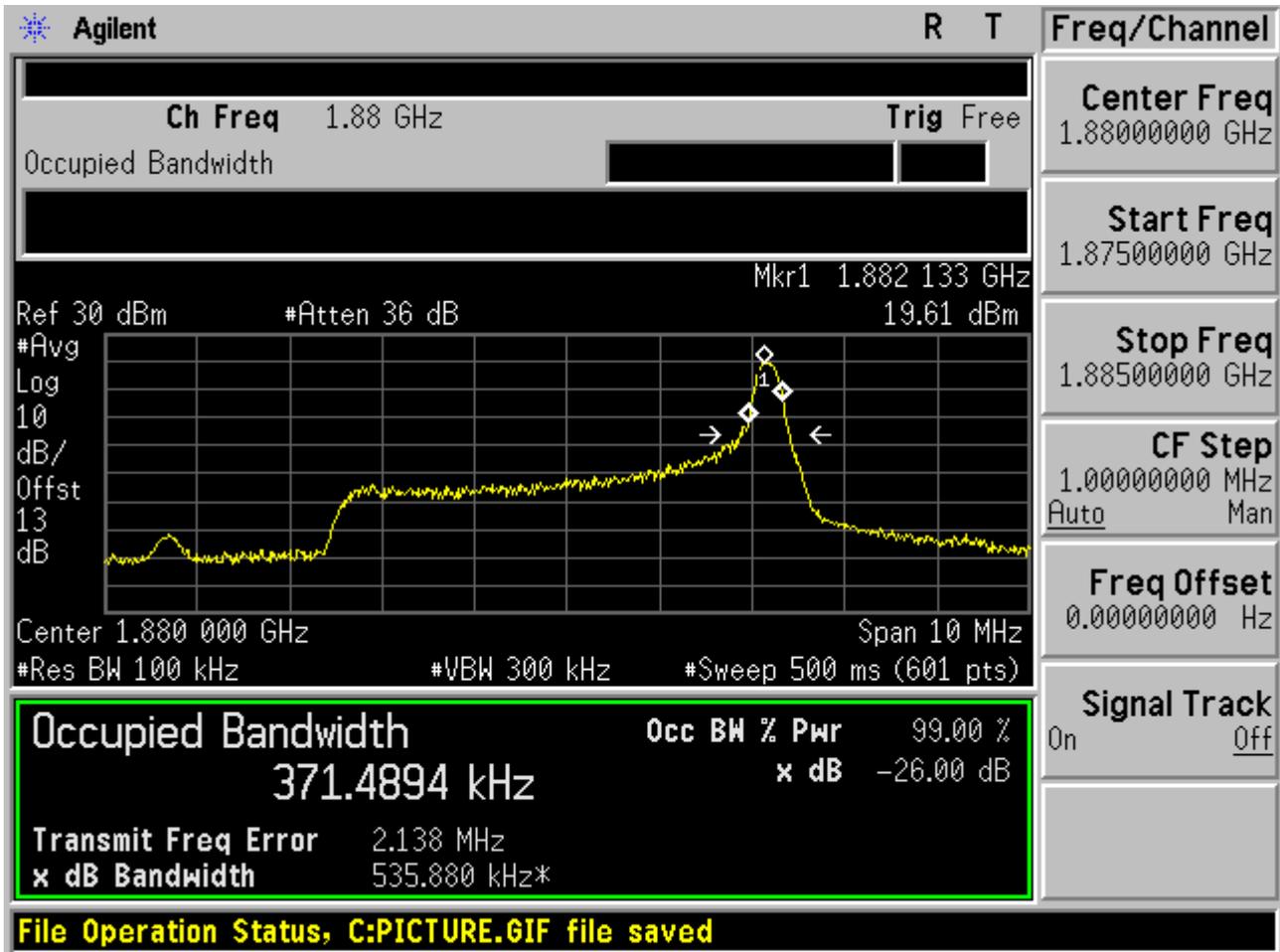
4.2.1.2 Channel =M

4.2.1.2.1 16QAM/1RB # 0



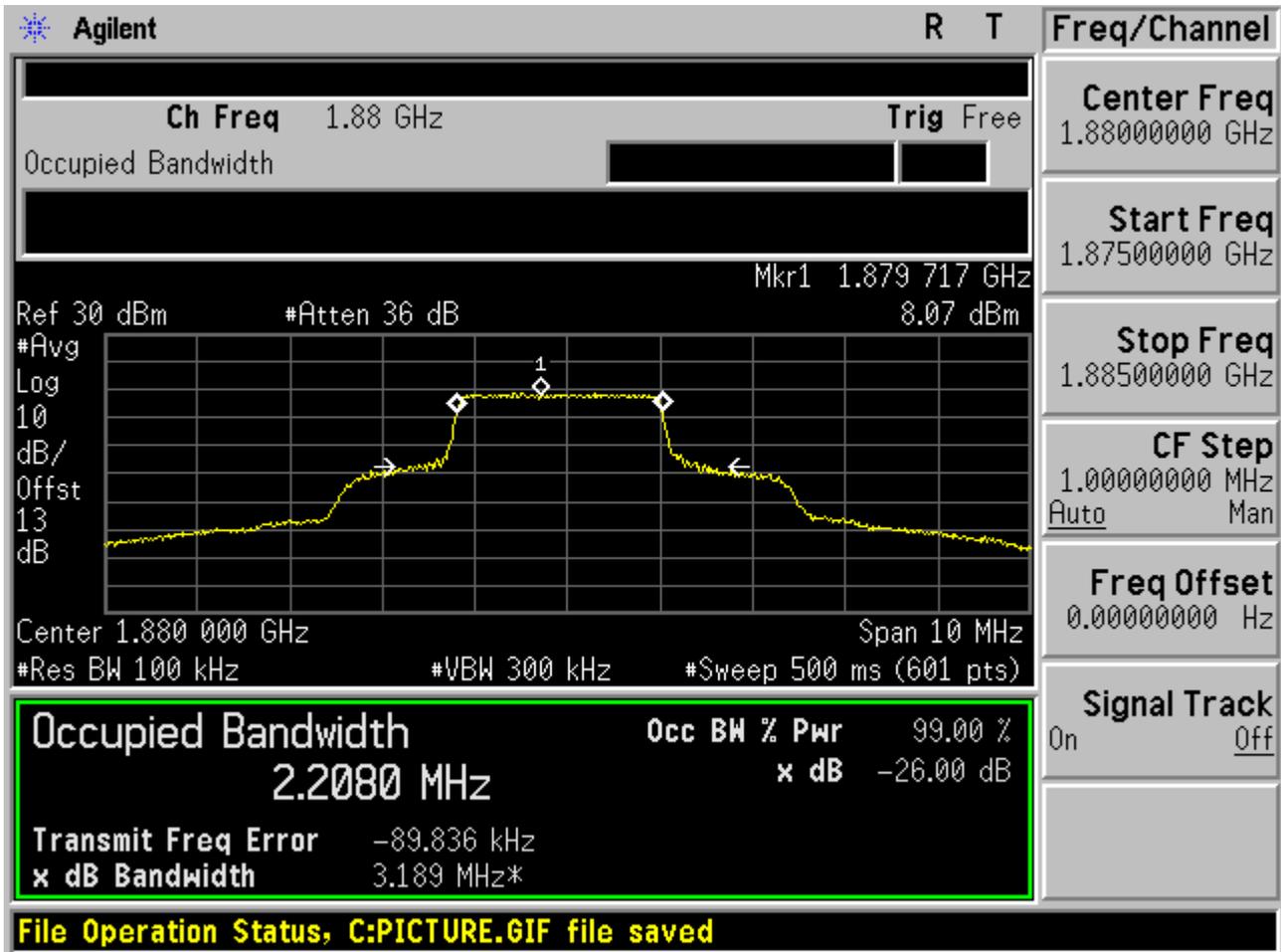


4.2.1.2.2 16QAM /1RB # max

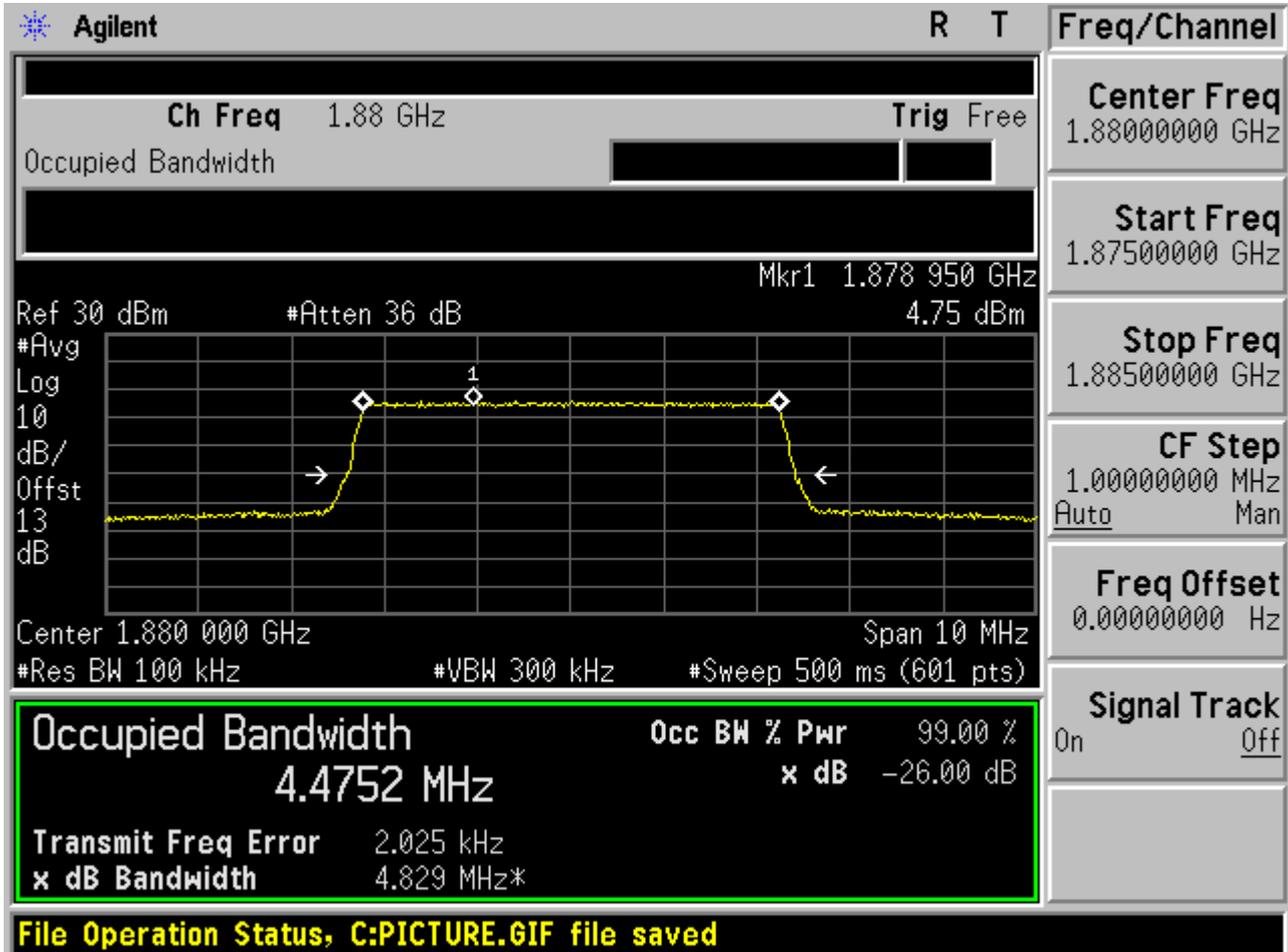




4.2.1.2.3 16QAM /non-1RB #mid/2



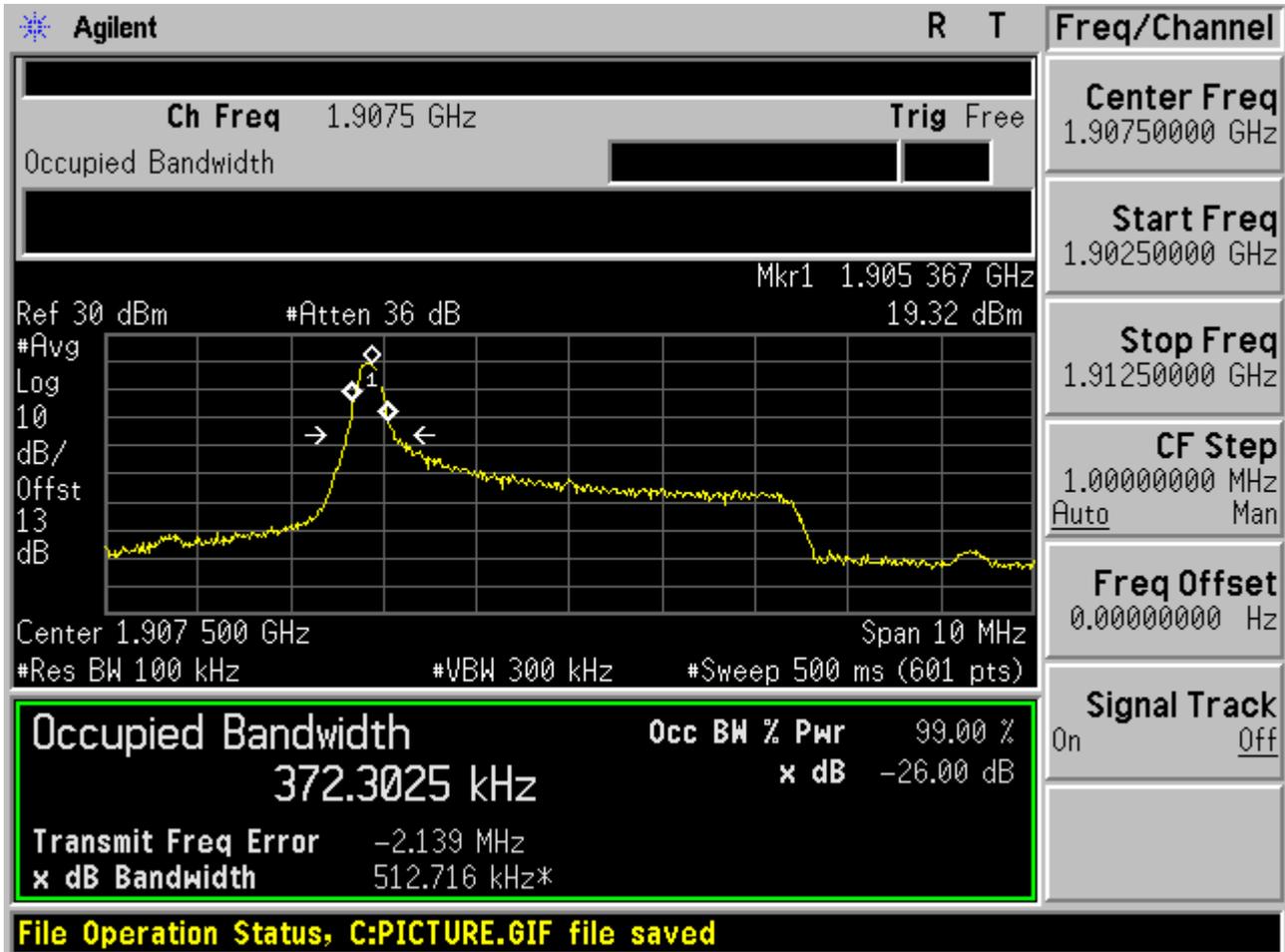
4.2.1.2.4 16QAM /full RBs





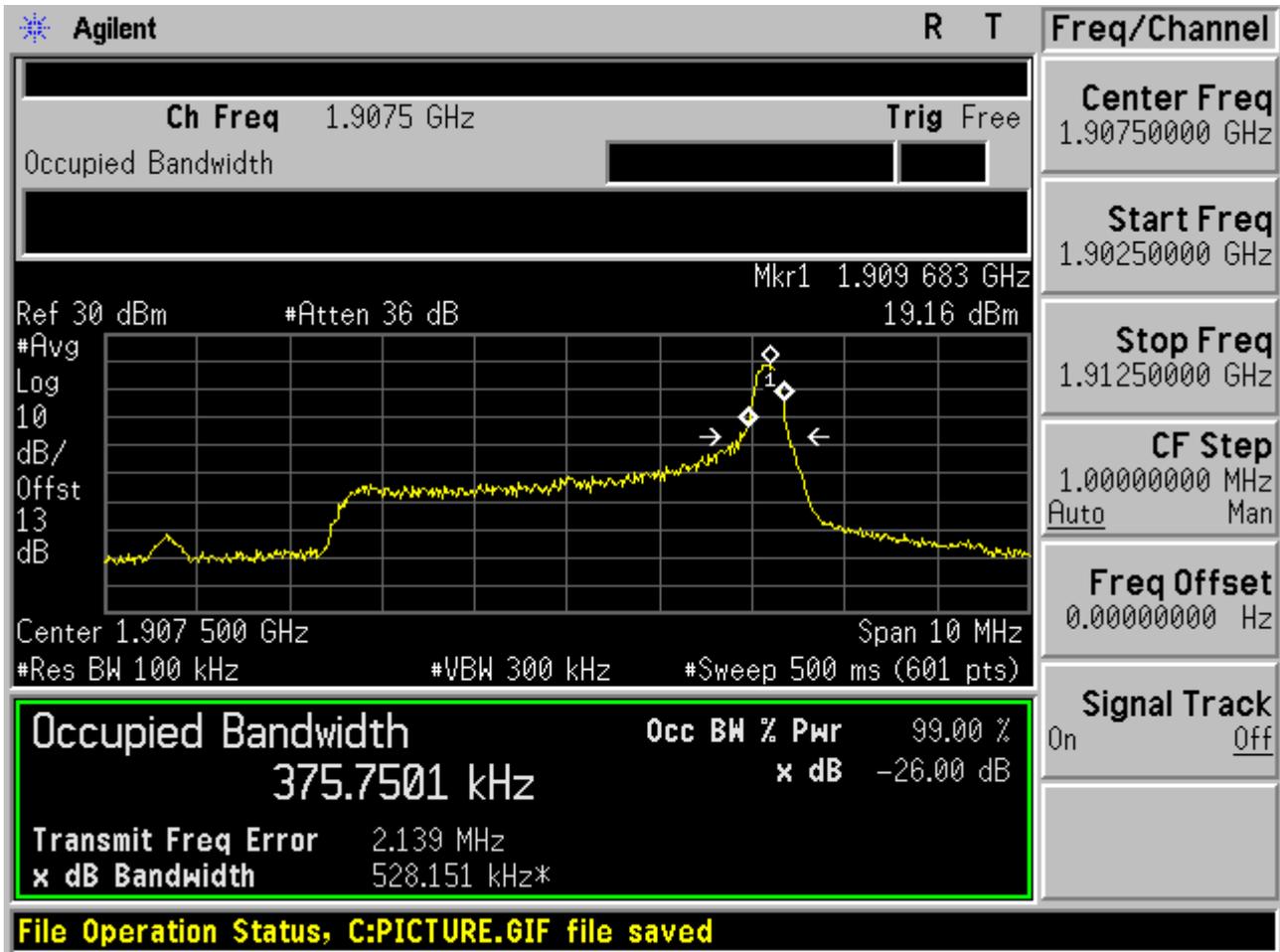
4.2.1.3 Channel = T

4.2.1.3.1 16QAM/1RB # 0



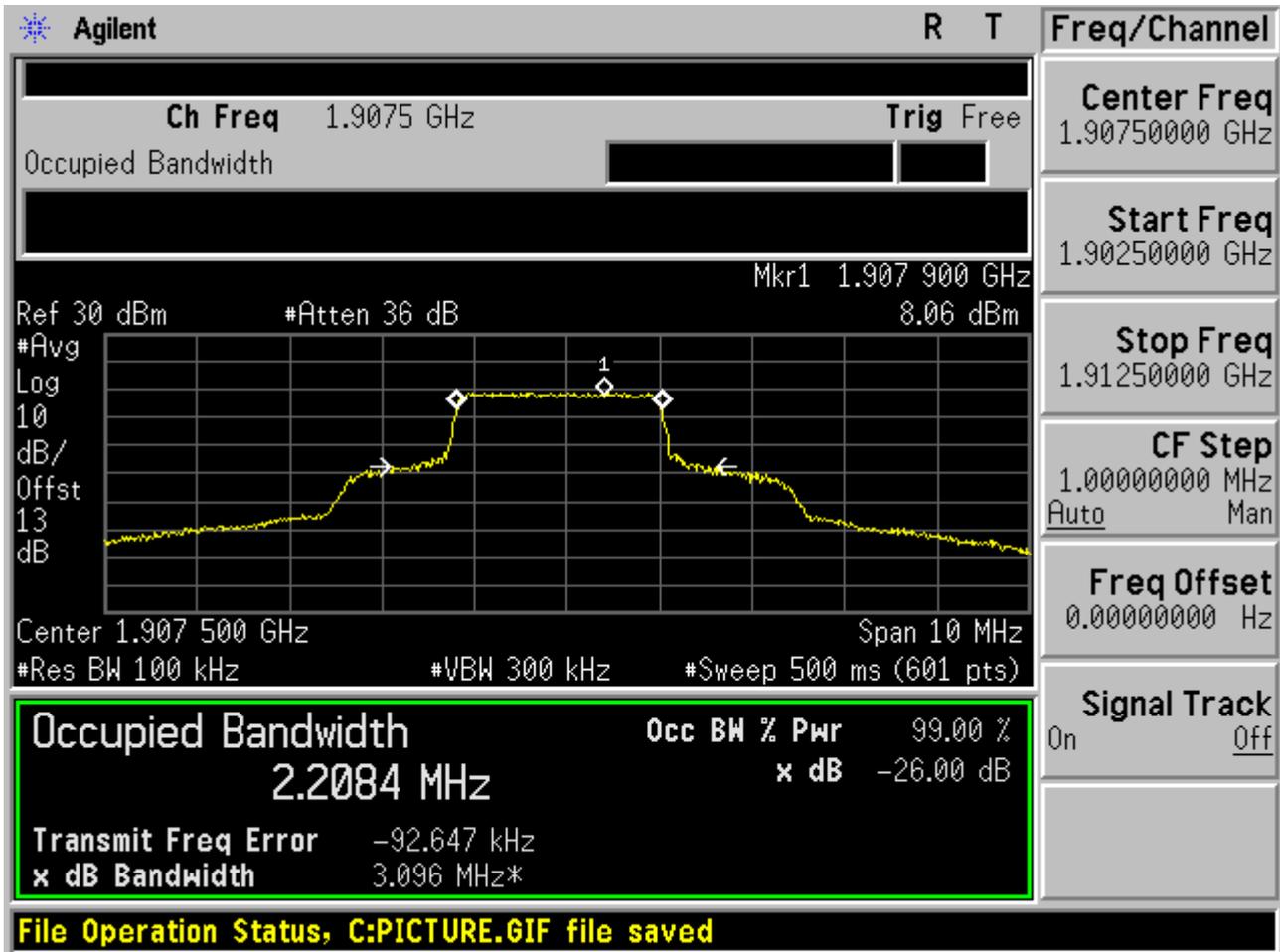


4.2.1.3.2 16QAM /1RB # max



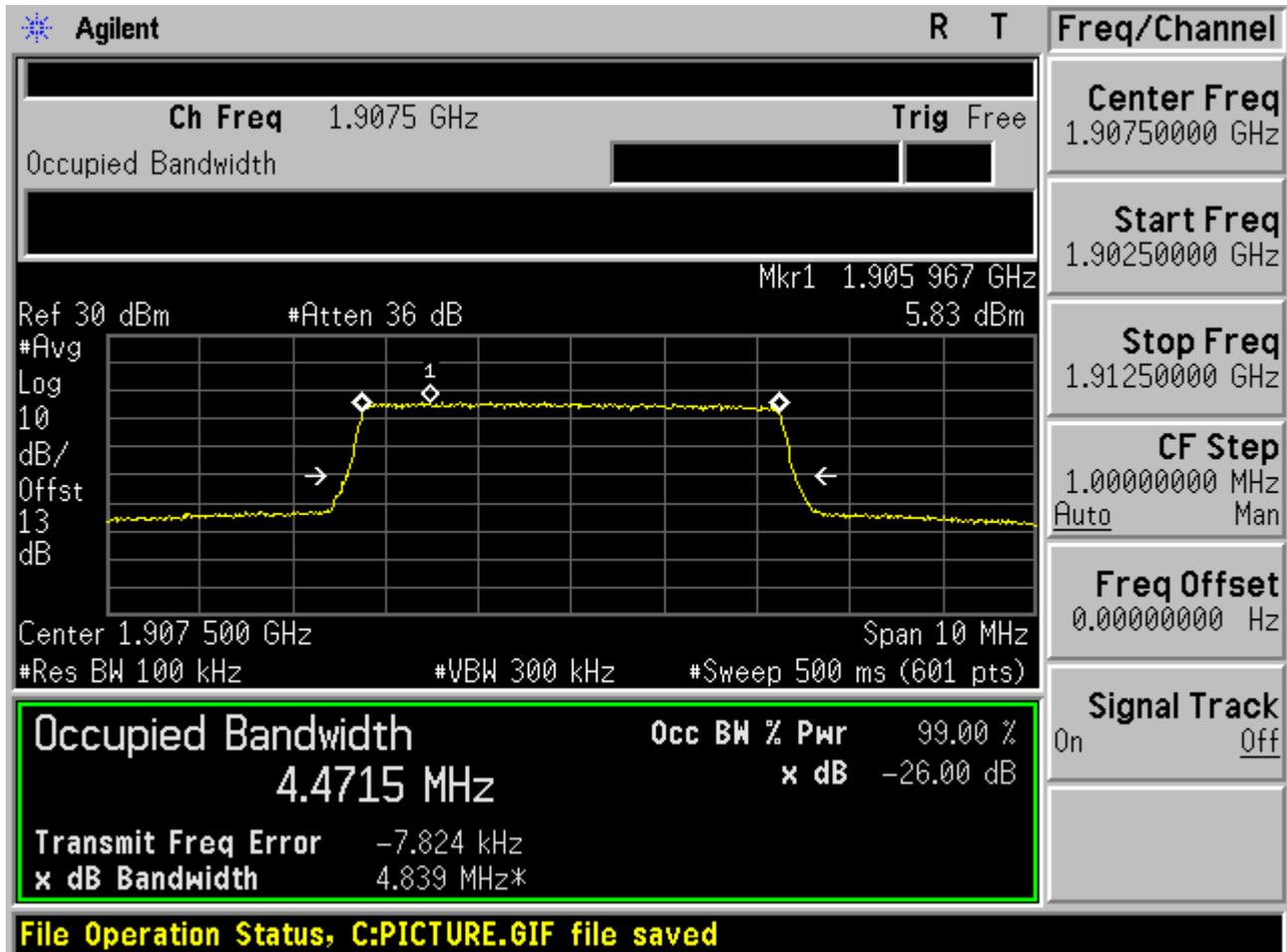


4.2.1.3.3 16QAM /non-1RB #mid/2





4.2.1.3.4 16QAM /full RBs

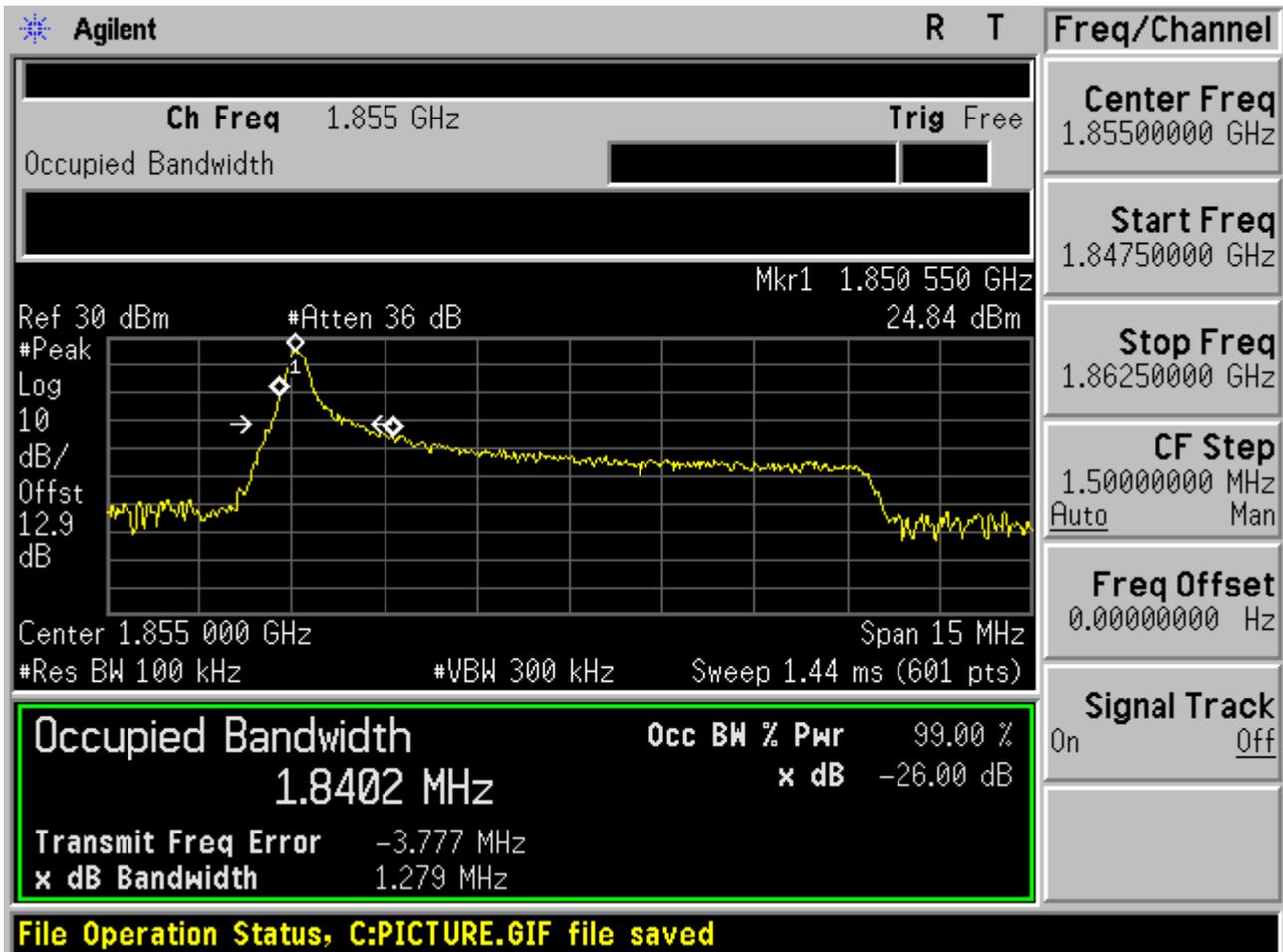




4.2.2 Channel Bandwidth = 10 MHz

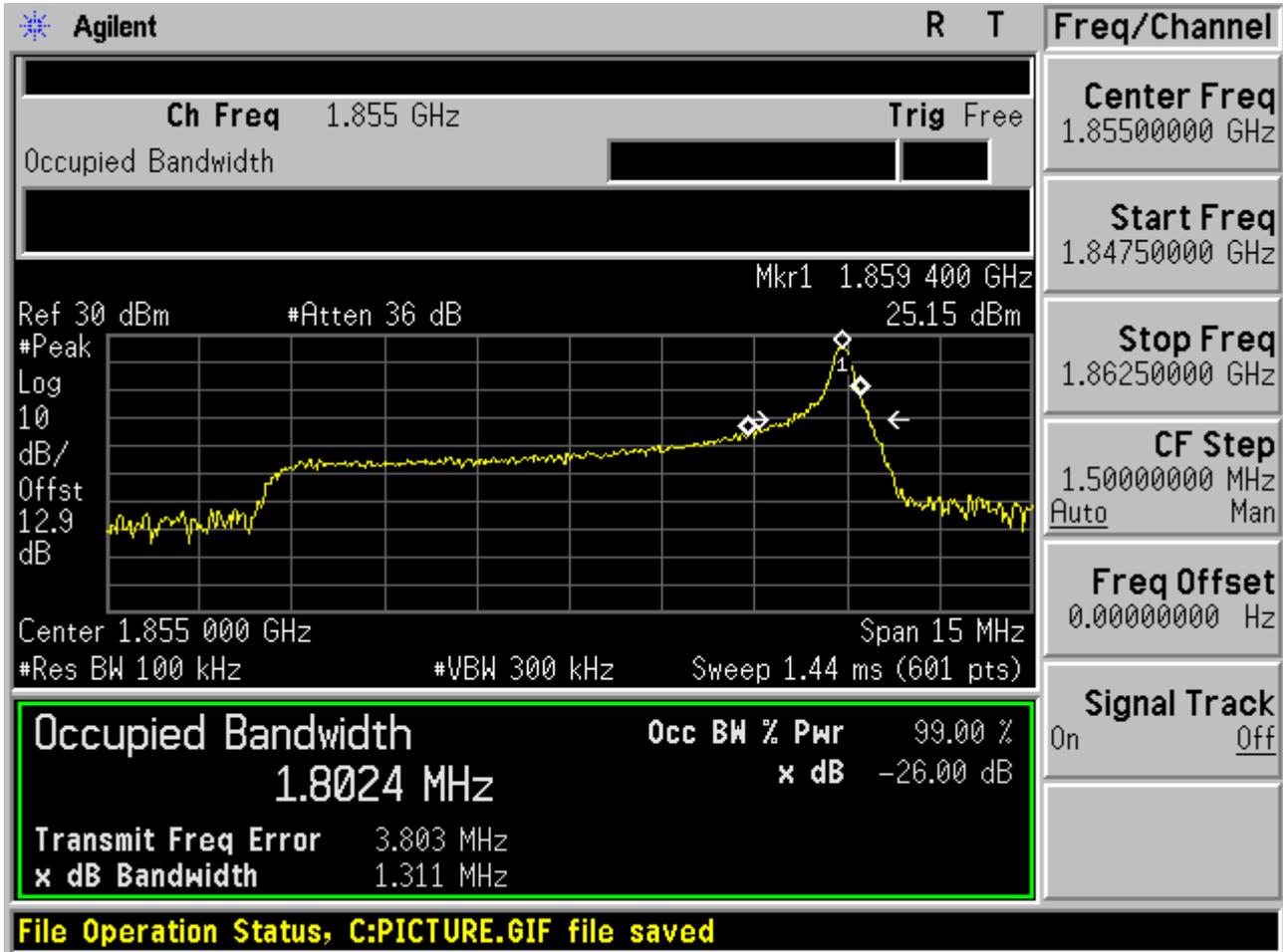
4.2.2.1 Channel =B

4.2.2.1.1 16QAM/1RB # 0



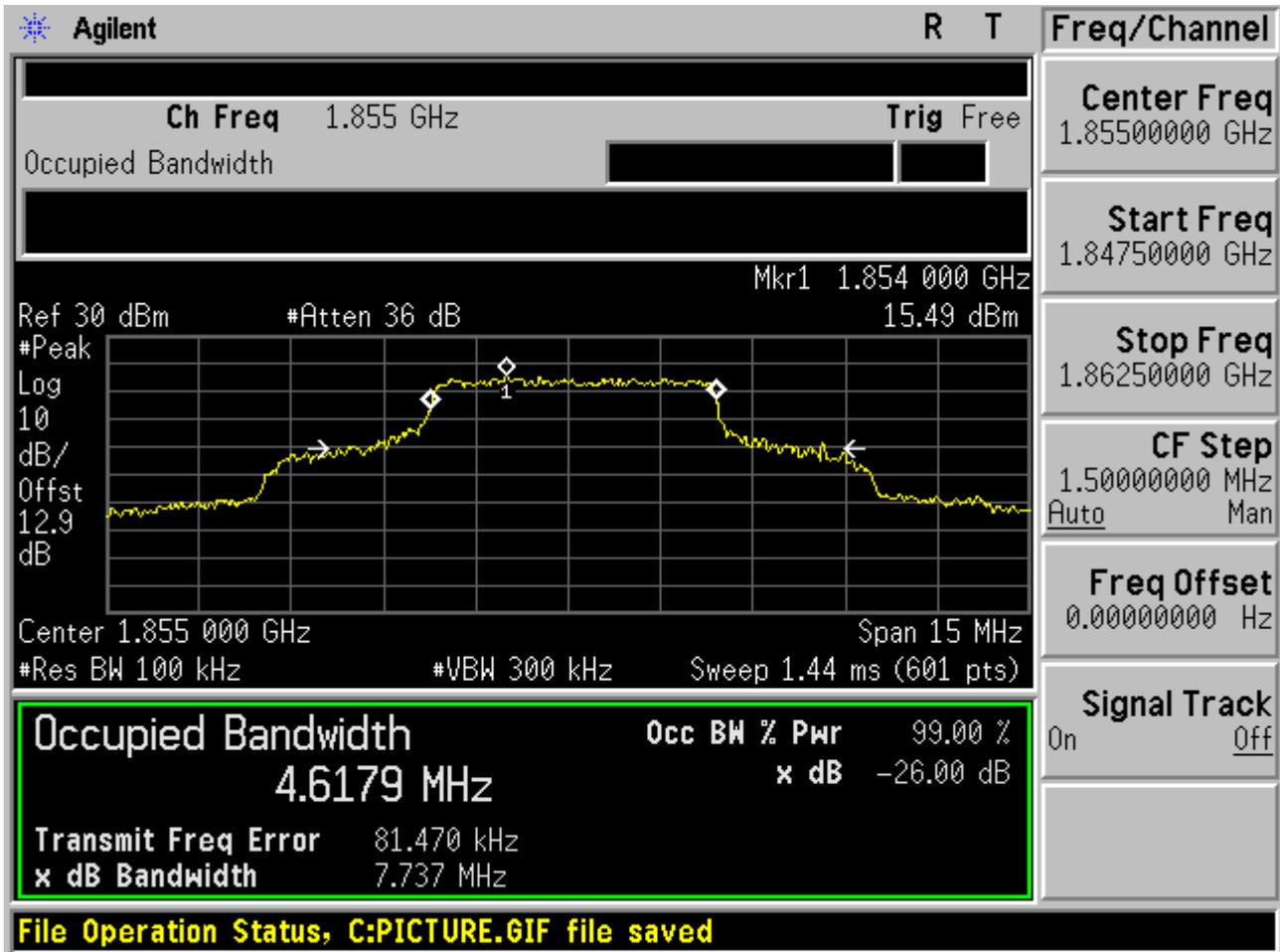


4.2.2.1.2 16QAM /1RB # max



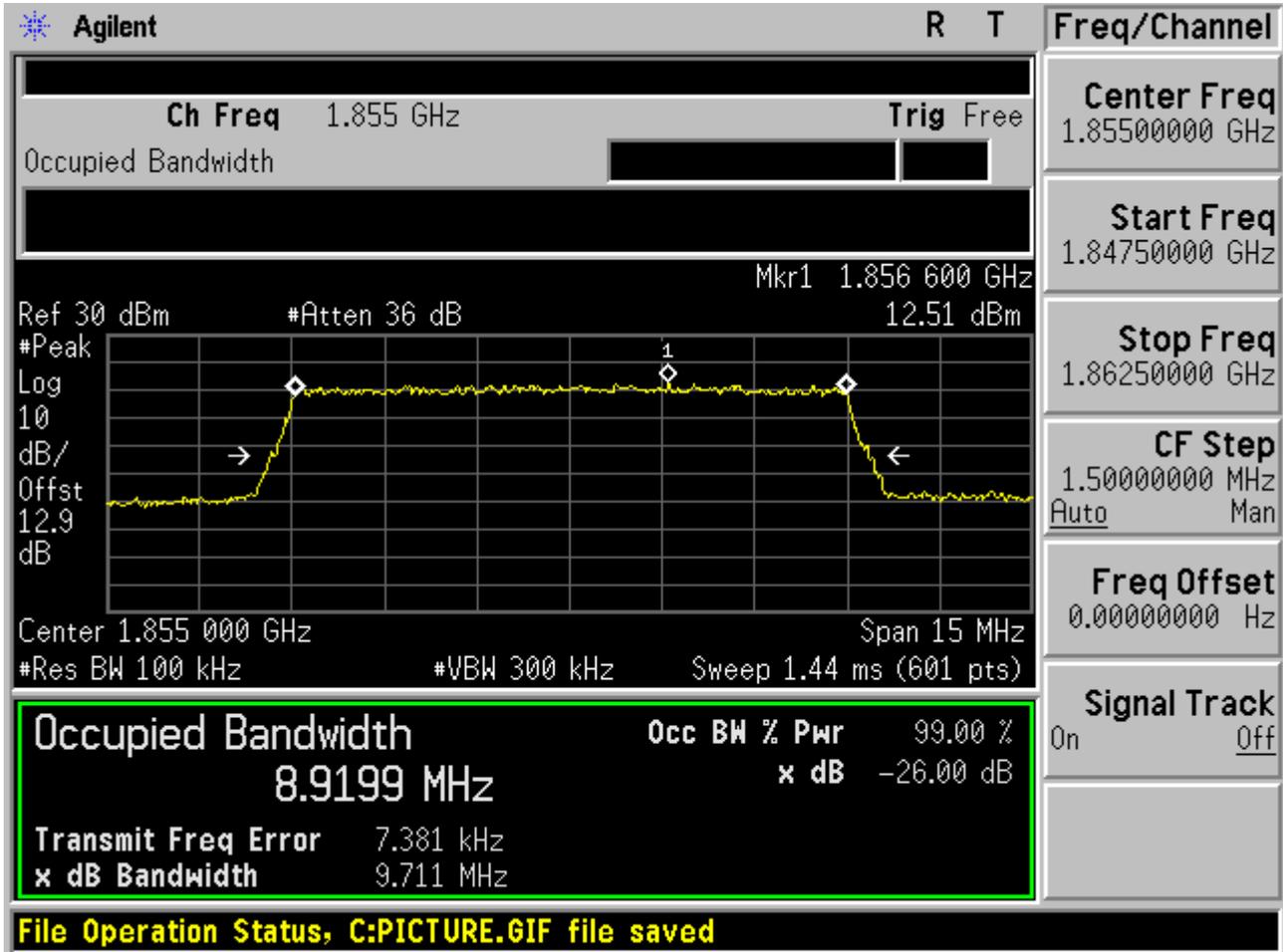


4.2.2.1.3 16QAM /non-1RB #mid/2





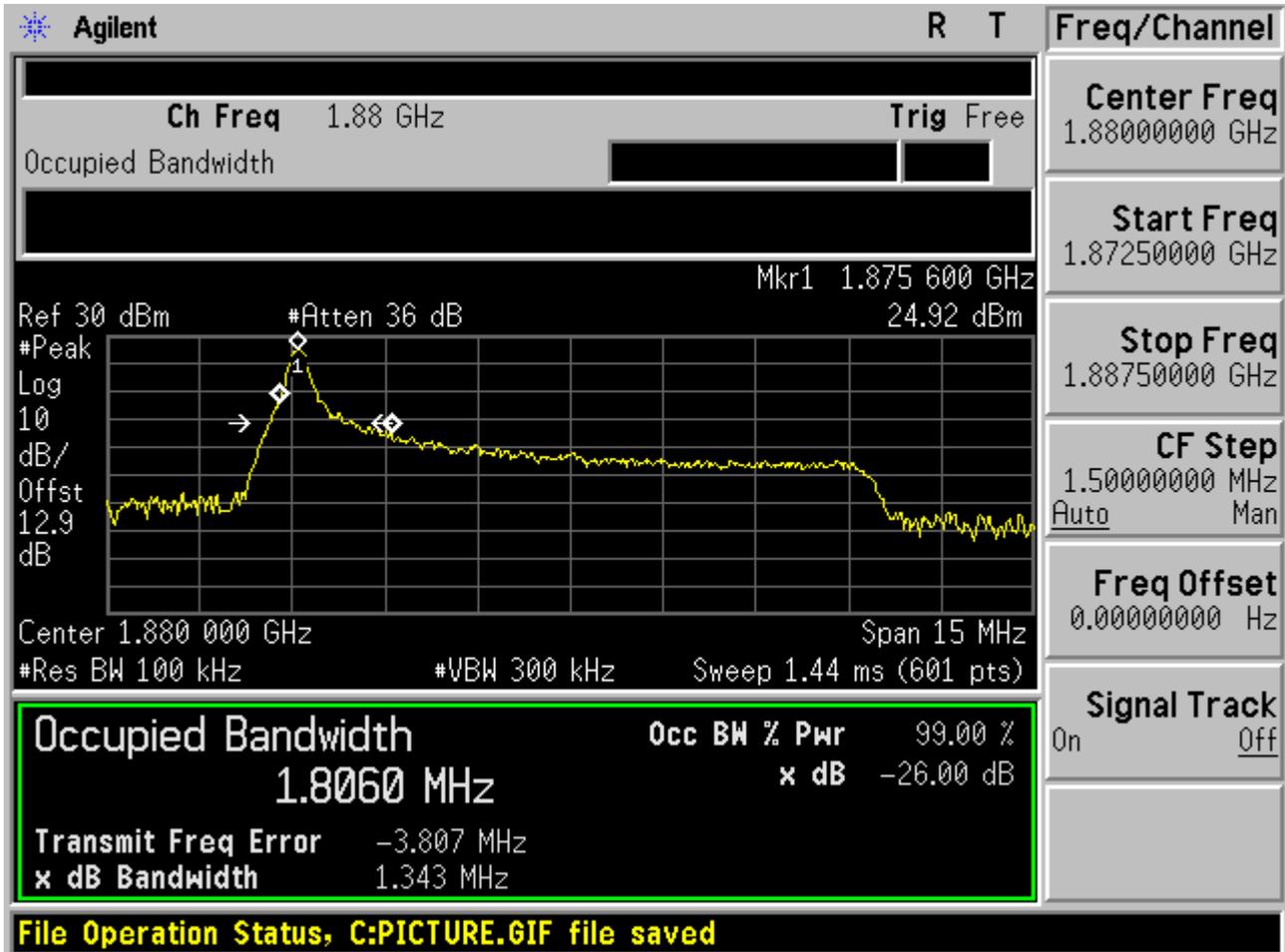
4.2.2.1.4 16QAM /full RBs





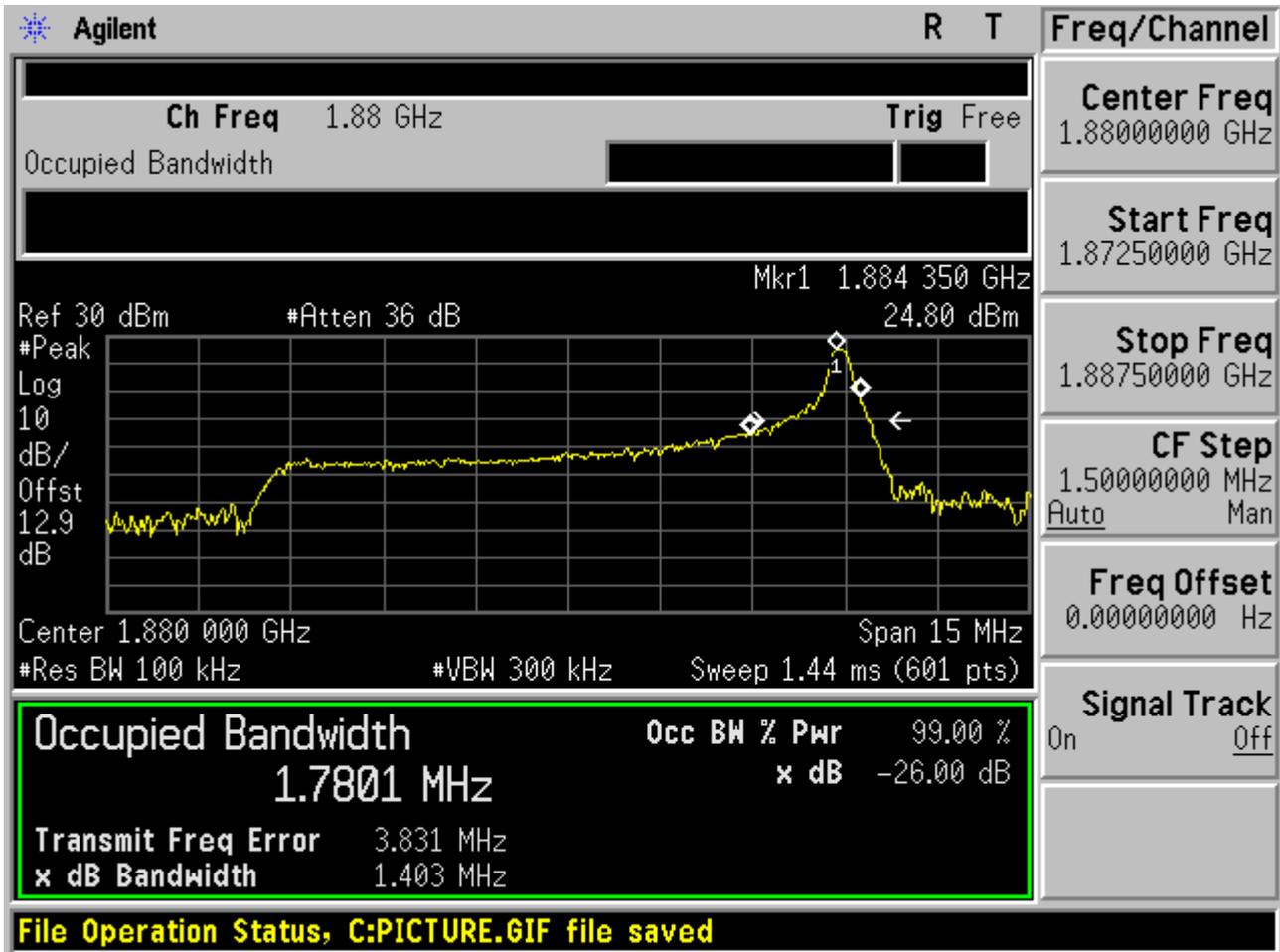
4.2.2.2 Channel =M

4.2.2.2.1 16QAM/1RB # 0



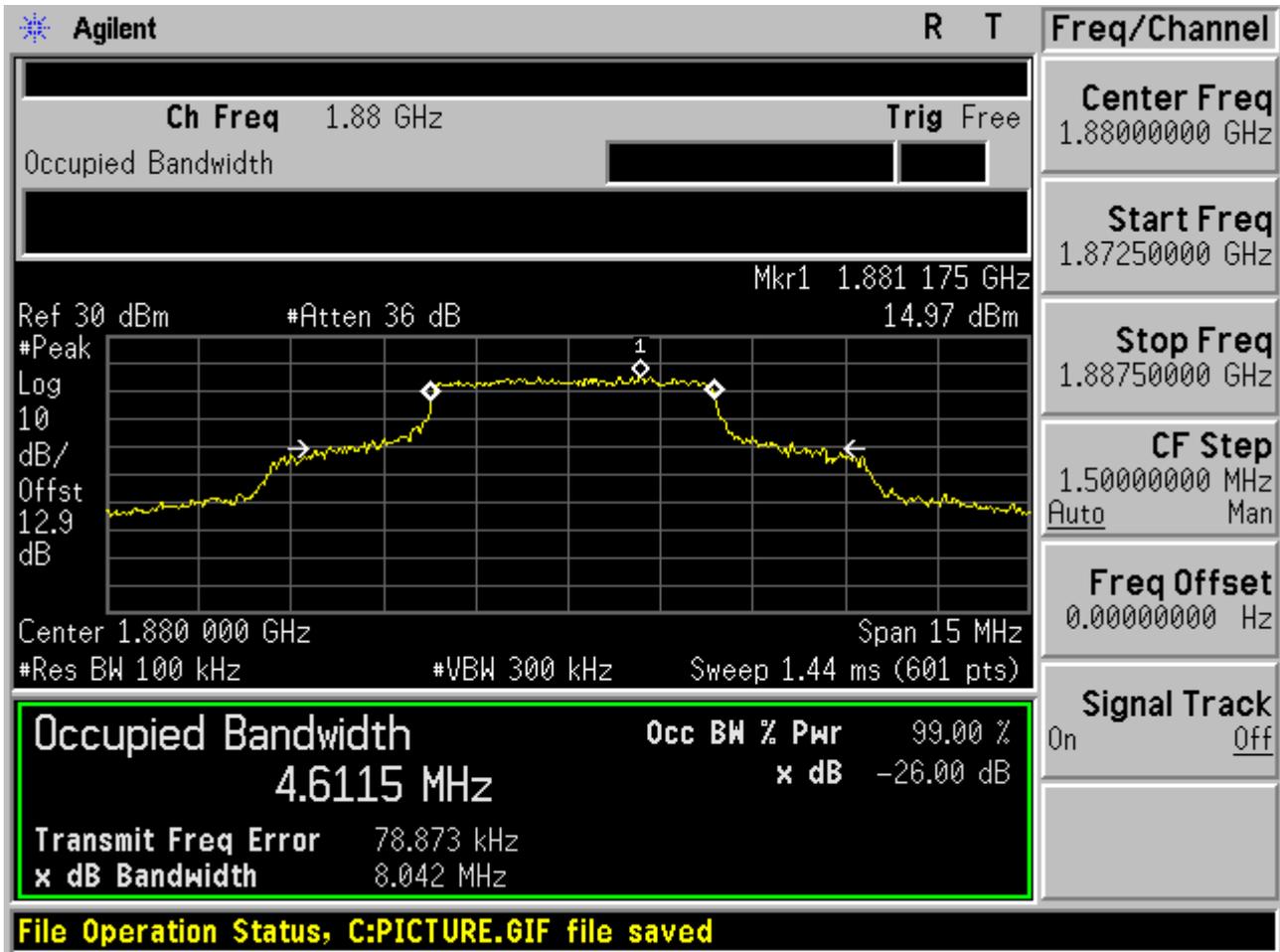


4.2.2.2.2 16QAM /1RB # max



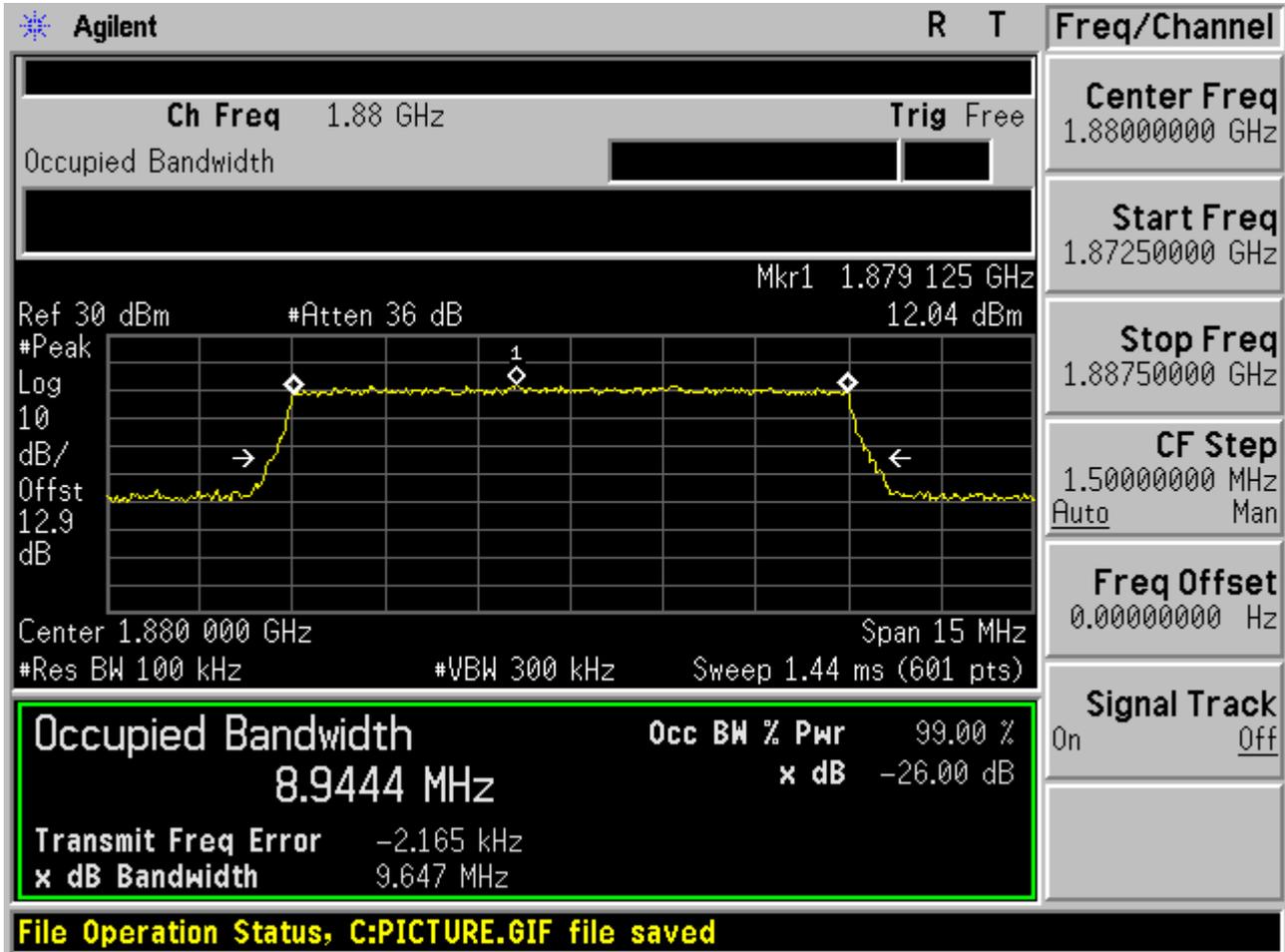


4.2.2.2.3 16QAM /non-1RB #mid/2





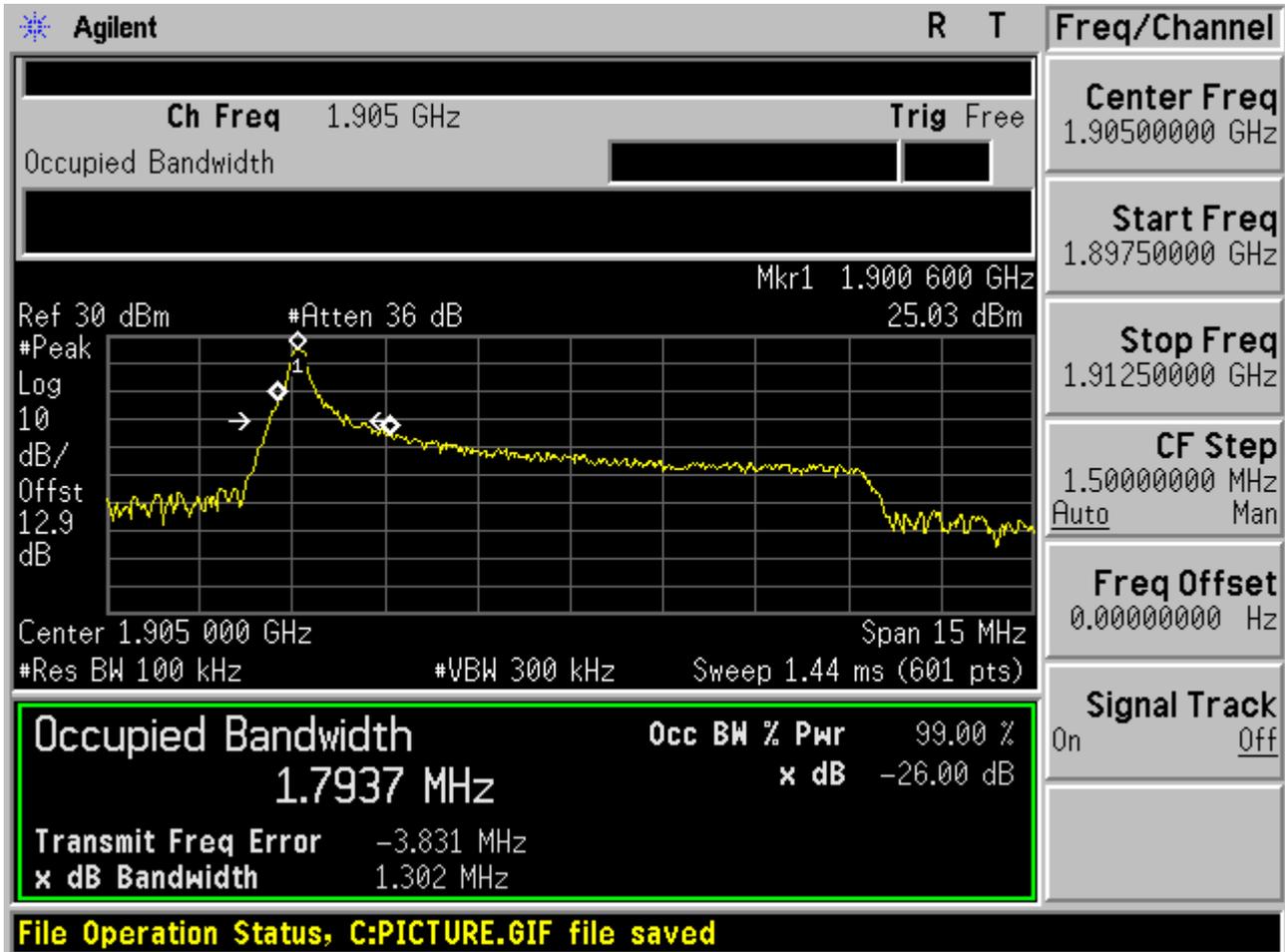
4.2.2.2.4 16QAM /full RBs





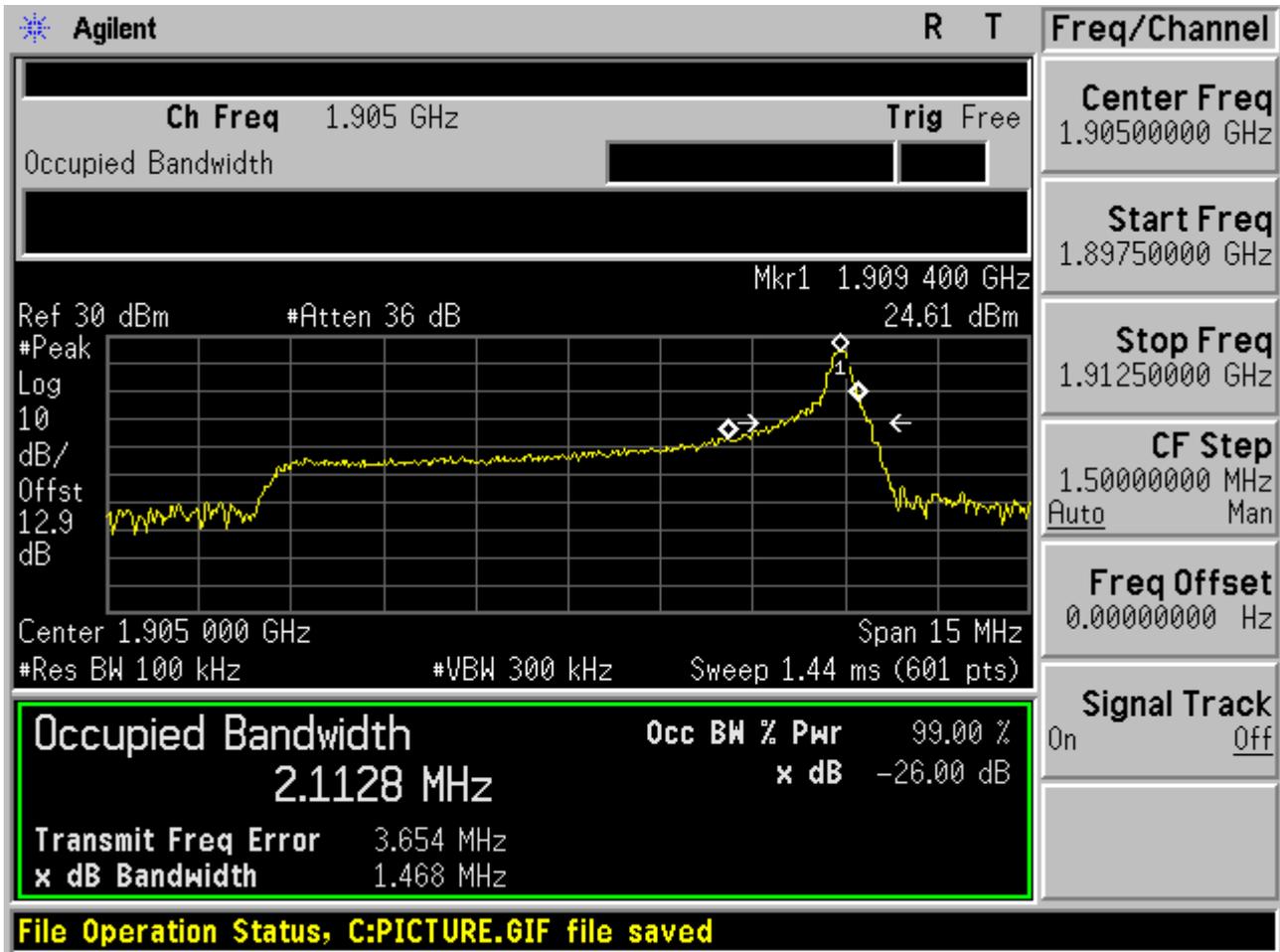
4.2.2.3 Channel = T

4.2.2.3.1 16QAM/1RB # 0



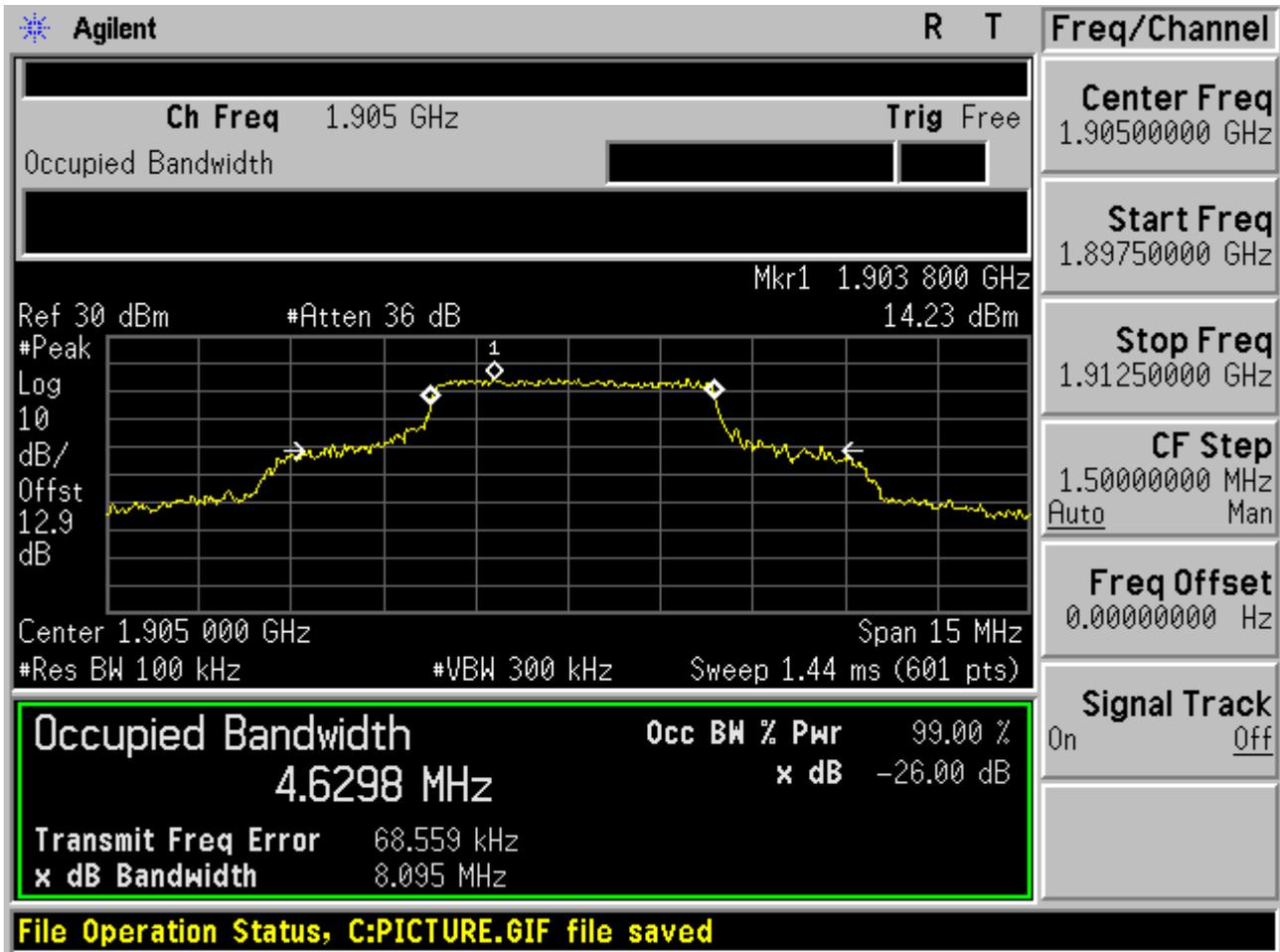


4.2.2.3.2 16QAM /1RB # max



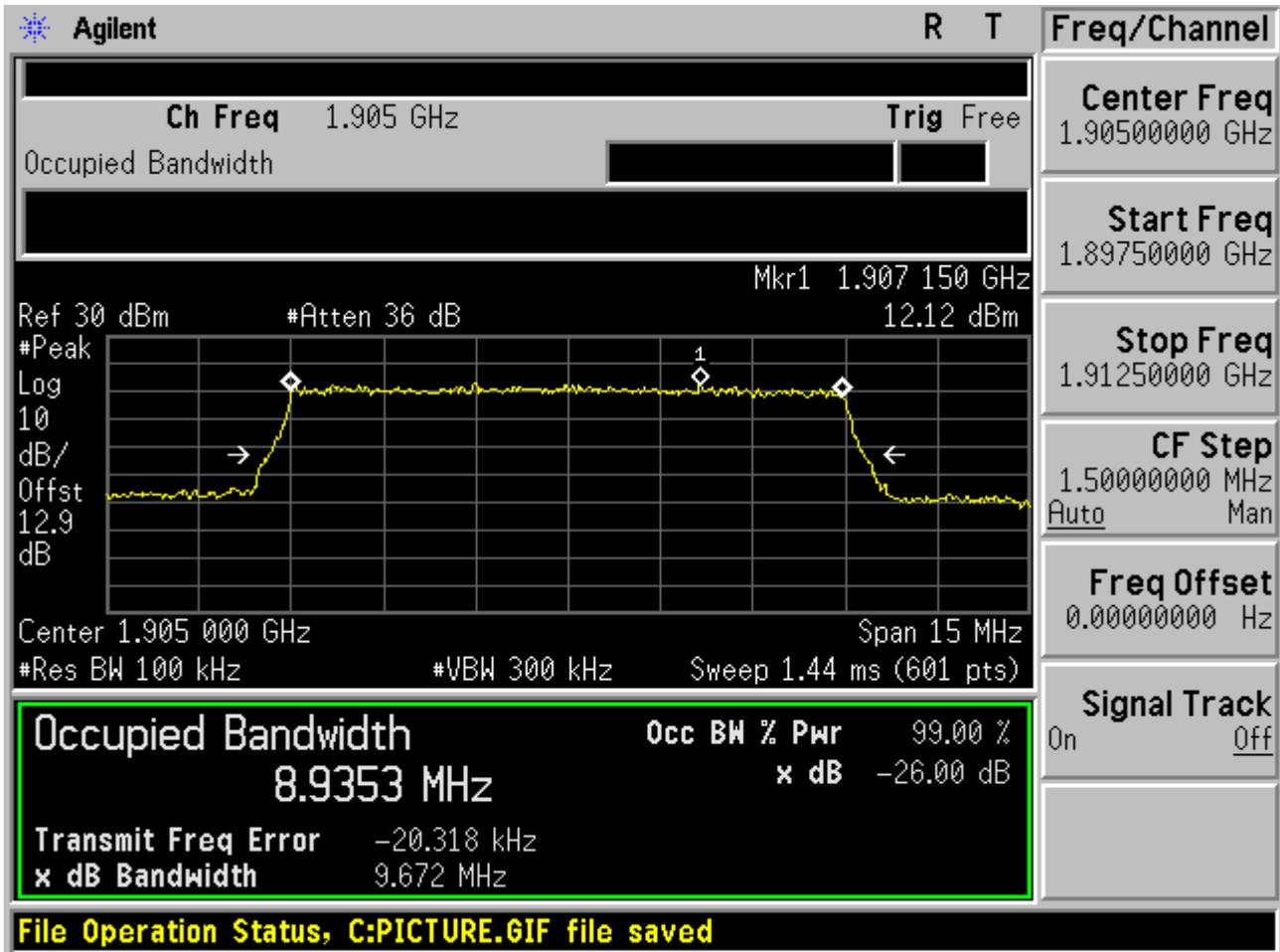


4.2.2.3.3 16QAM /non-1RB #mid/2





4.2.2.3.4 16QAM /full RBs

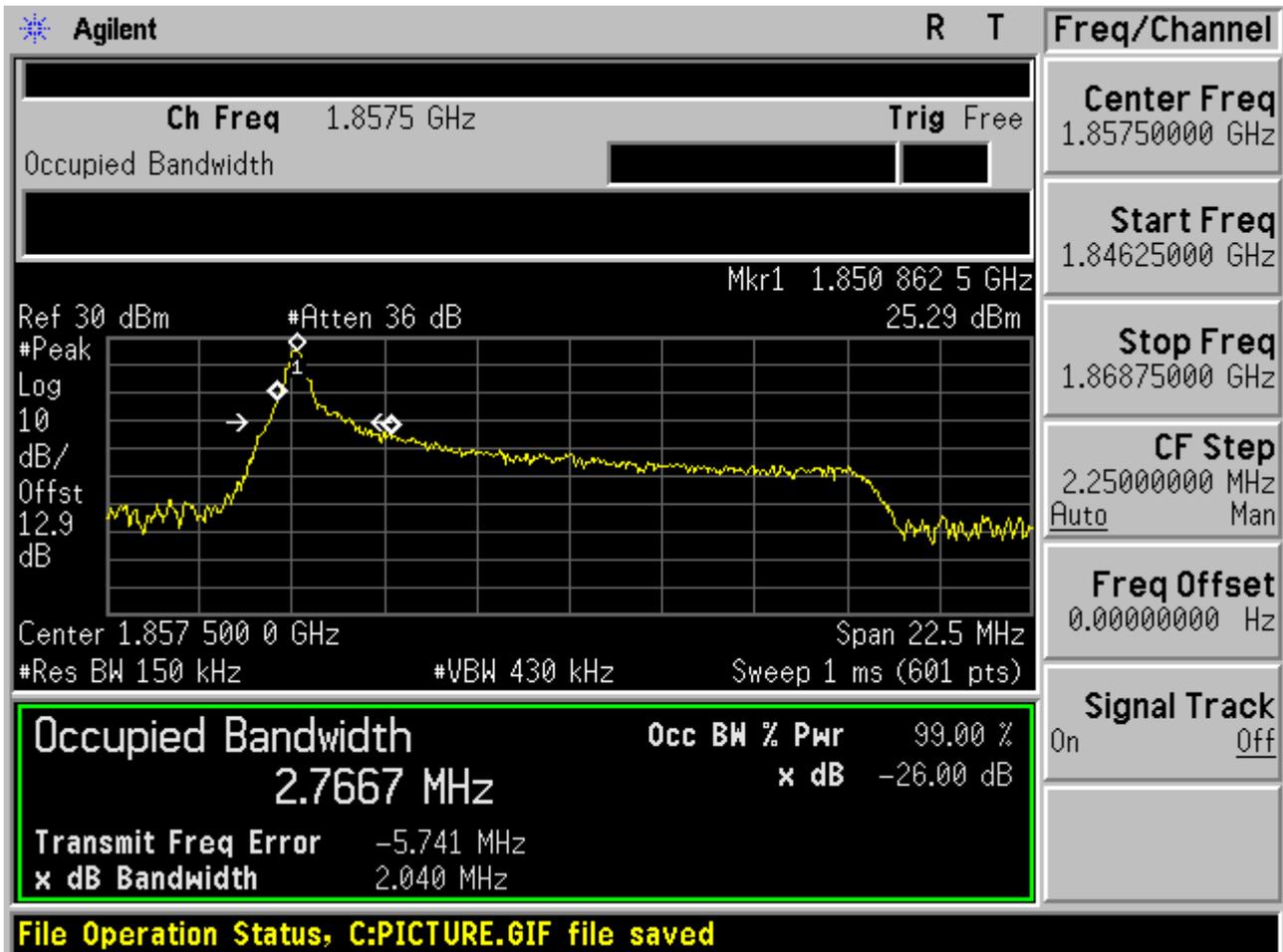




4.2.3 Channel Bandwidth = 15 MHz

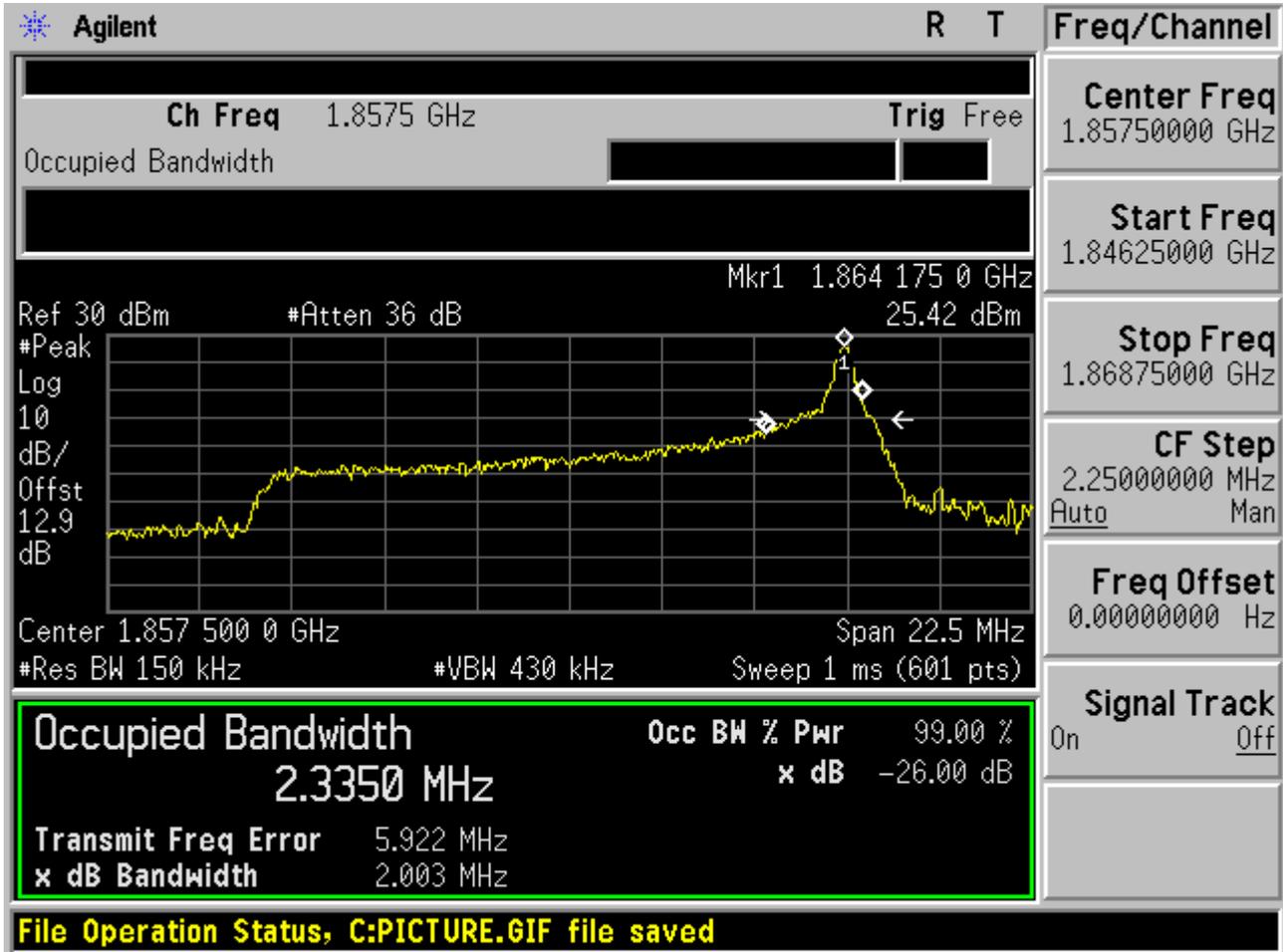
4.2.3.1 Channel =B

4.2.3.1.1 16QAM/1RB # 0



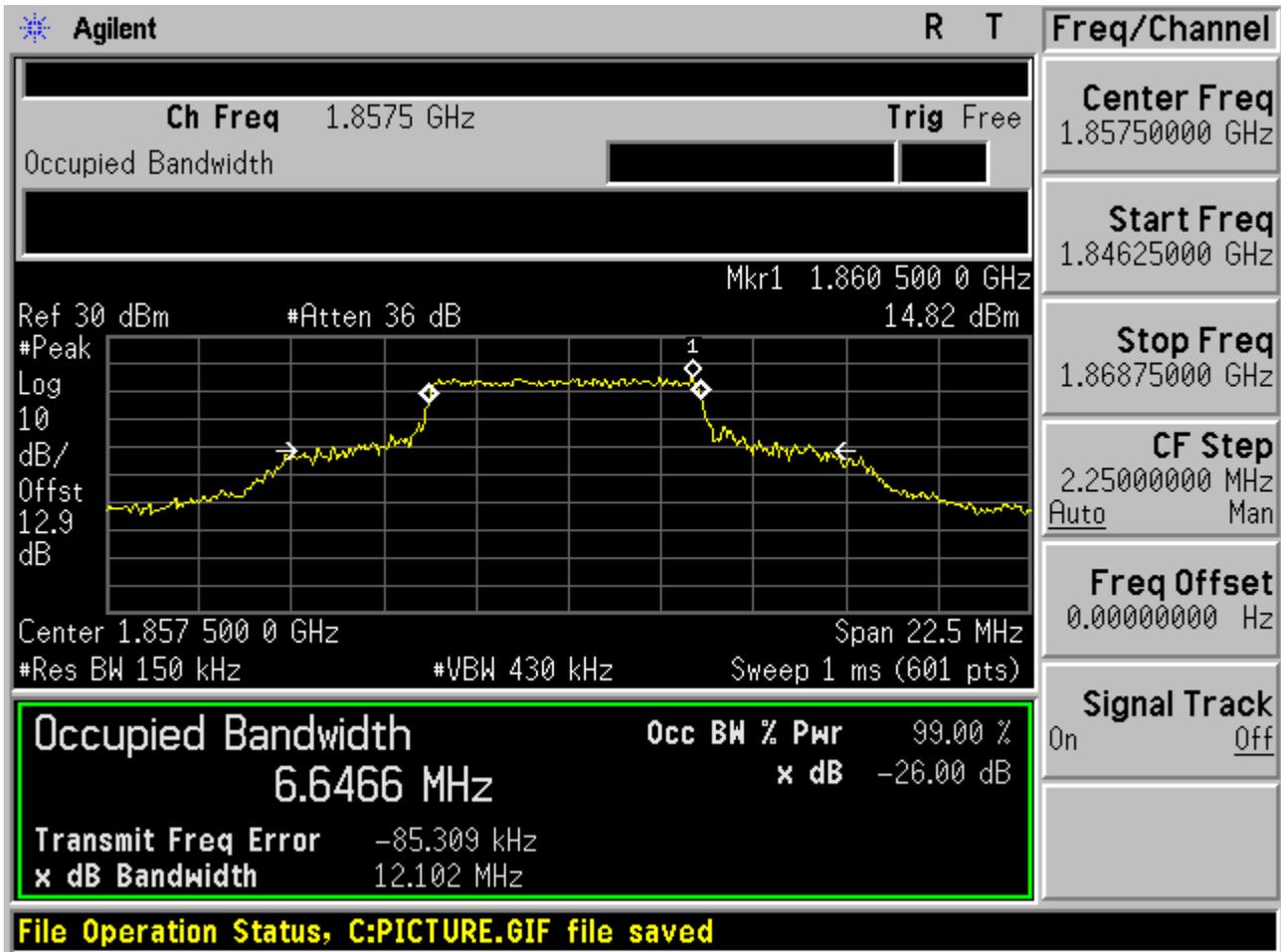


4.2.3.1.2 16QAM /1RB # max



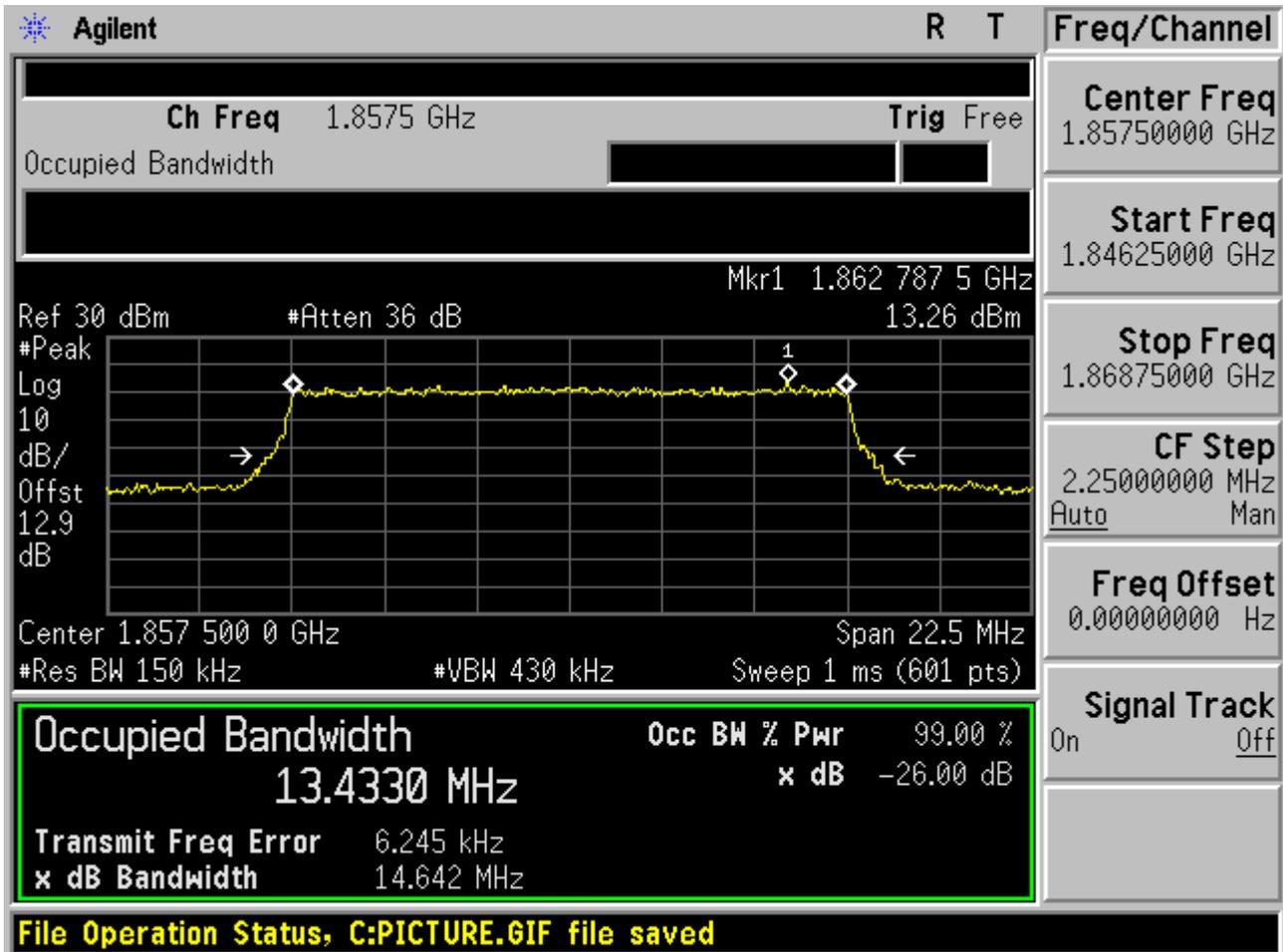


4.2.3.1.3 16QAM /non-1RB #mid/2





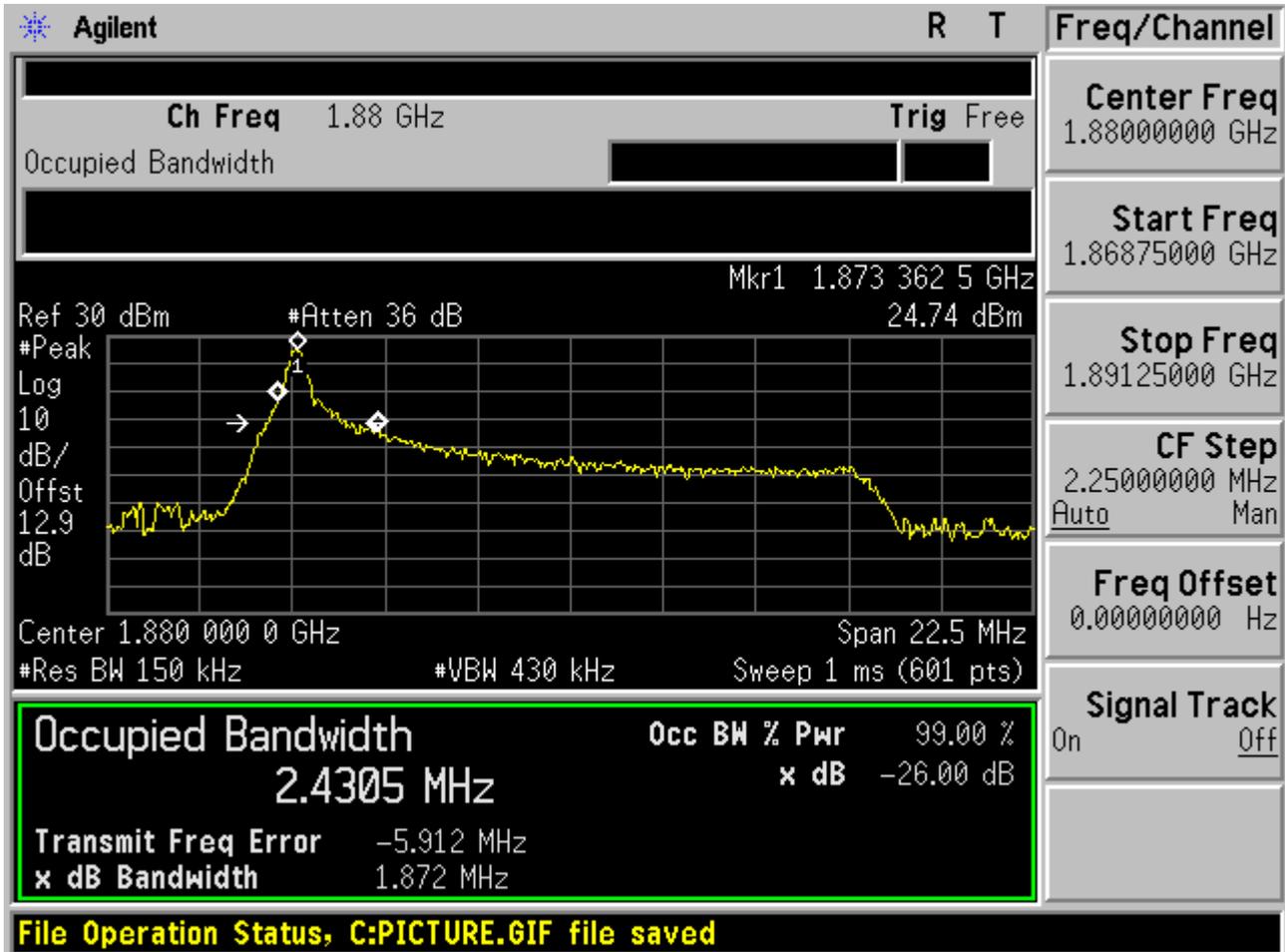
4.2.3.1.4 16QAM /full RBs





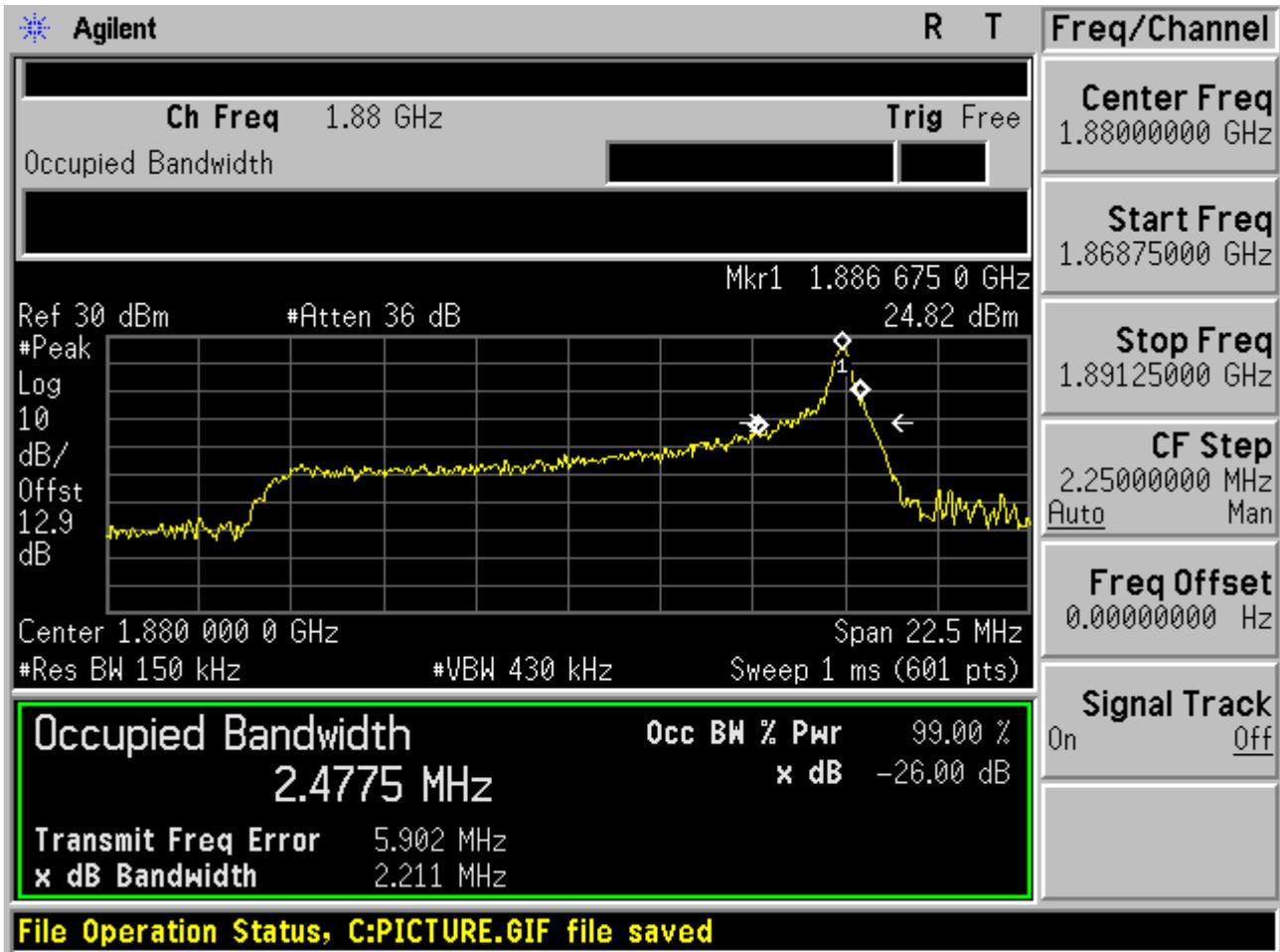
4.2.3.2 Channel =M

4.2.3.2.1 16QAM/1RB # 0



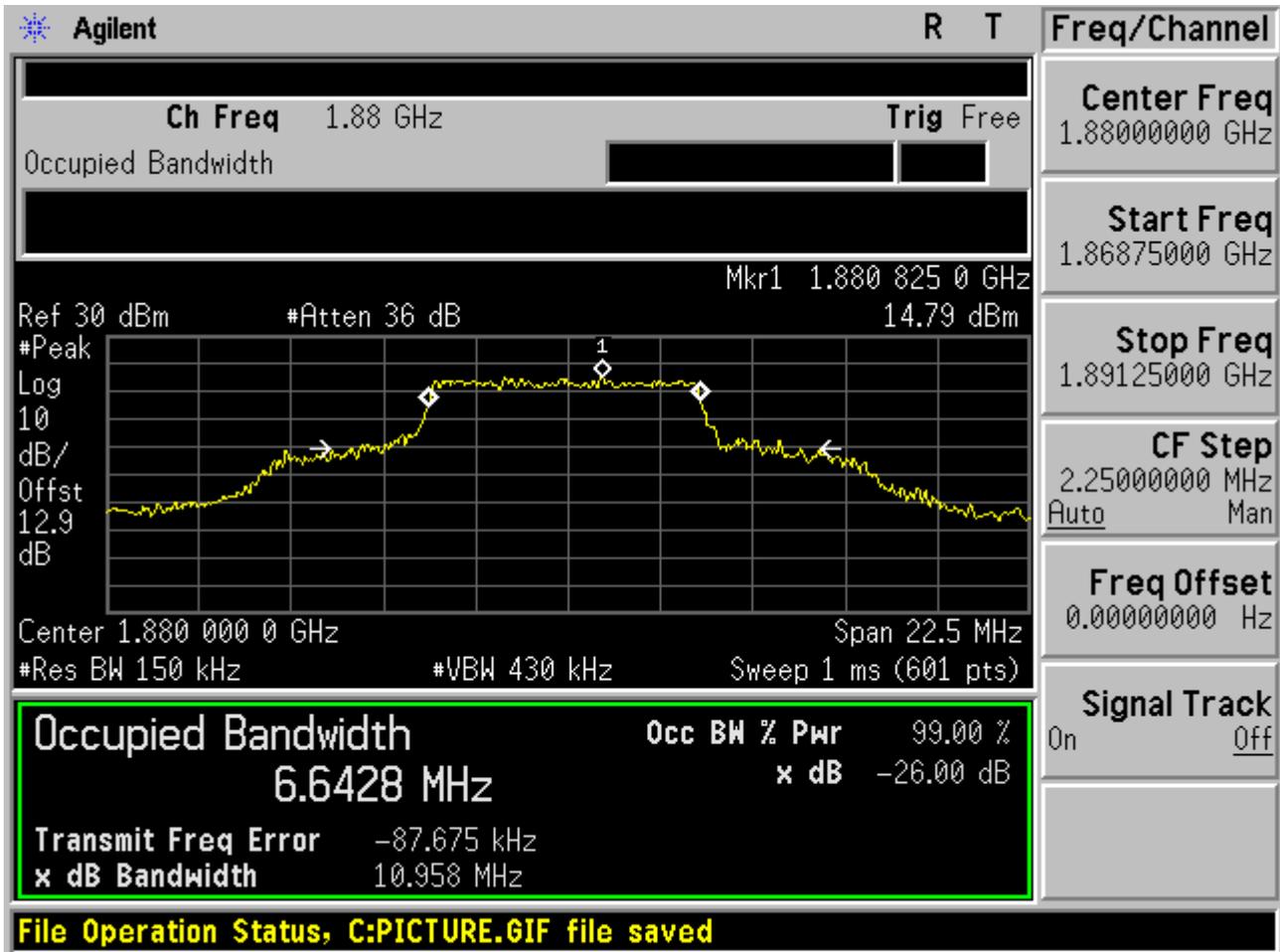


4.2.3.2.2 16QAM /1RB # max



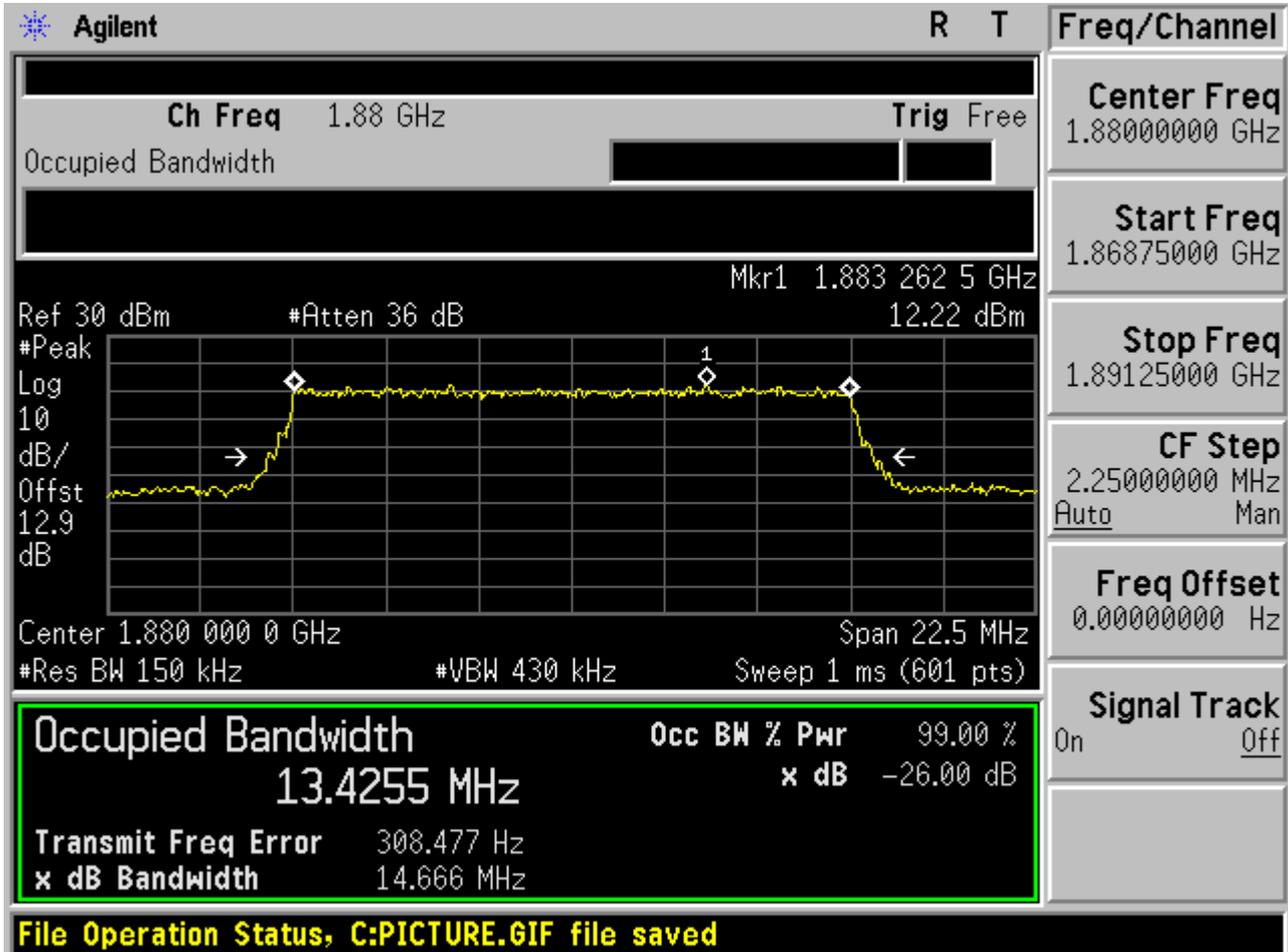


4.2.3.2.3 16QAM /non-1RB #mid/2





4.2.3.2.4 16QAM /full RBs





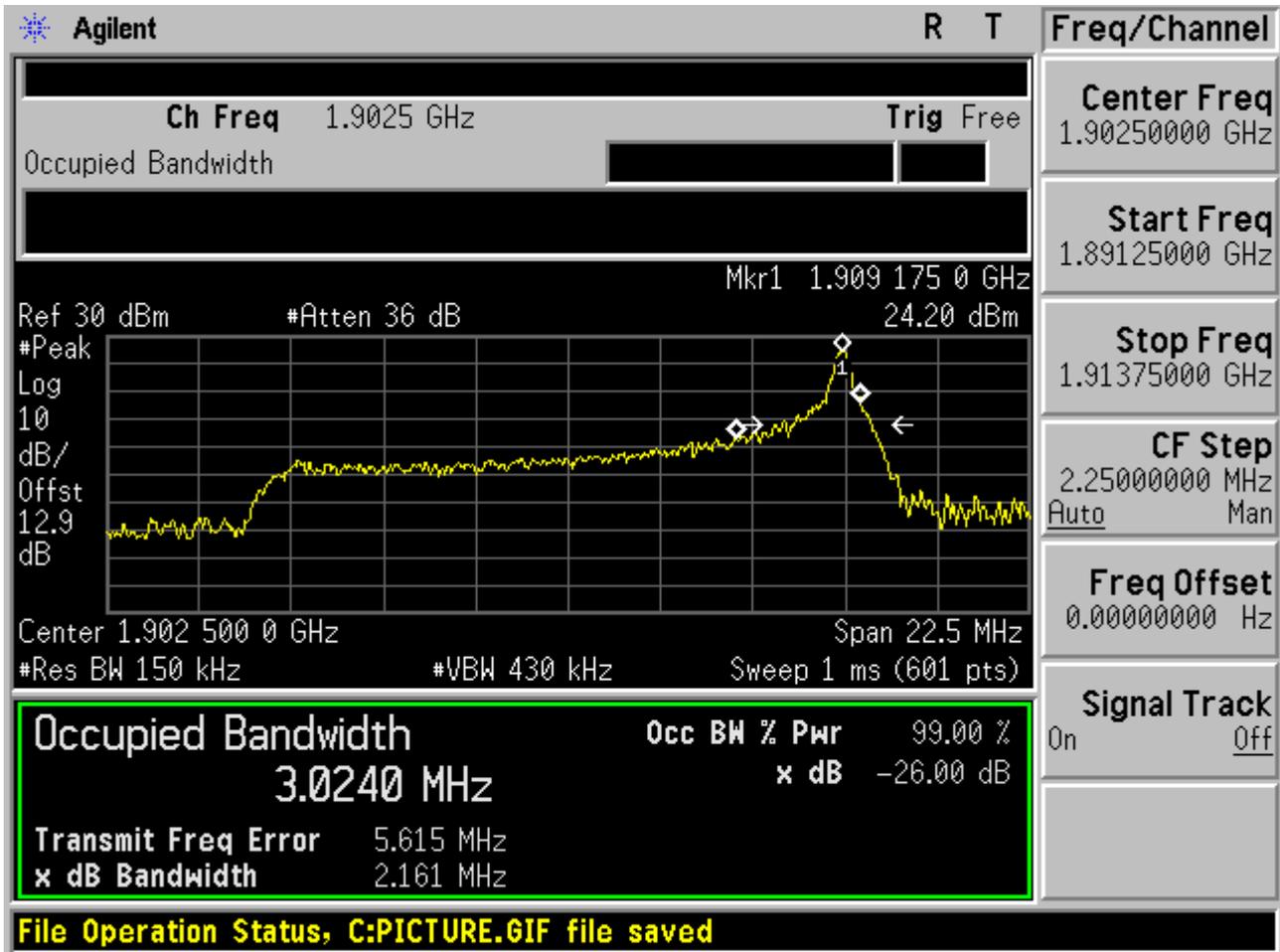
4.2.3.3 Channel = T

4.2.3.3.1 16QAM/1RB # 0



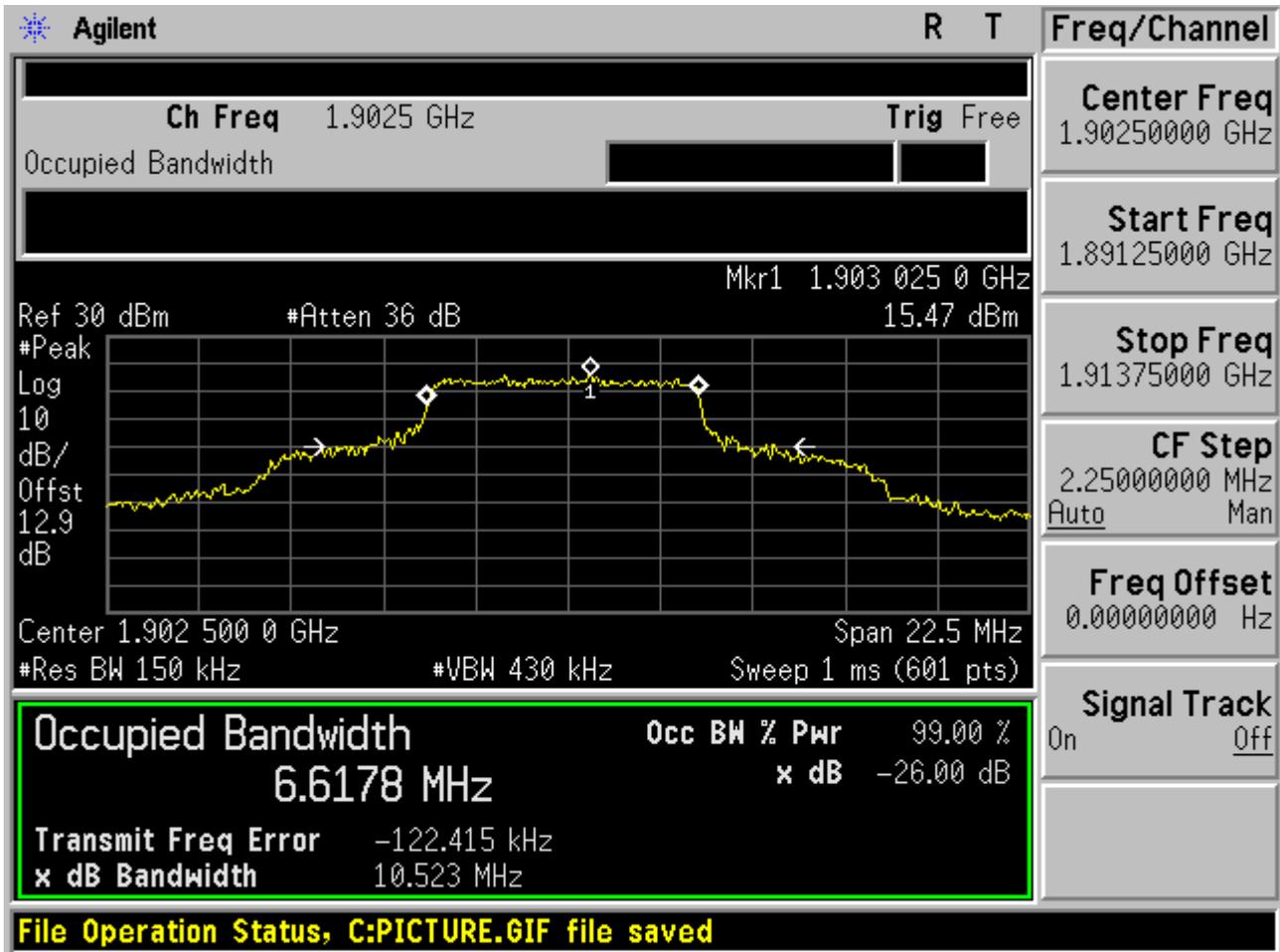


4.2.3.3.2 16QAM /1RB # max



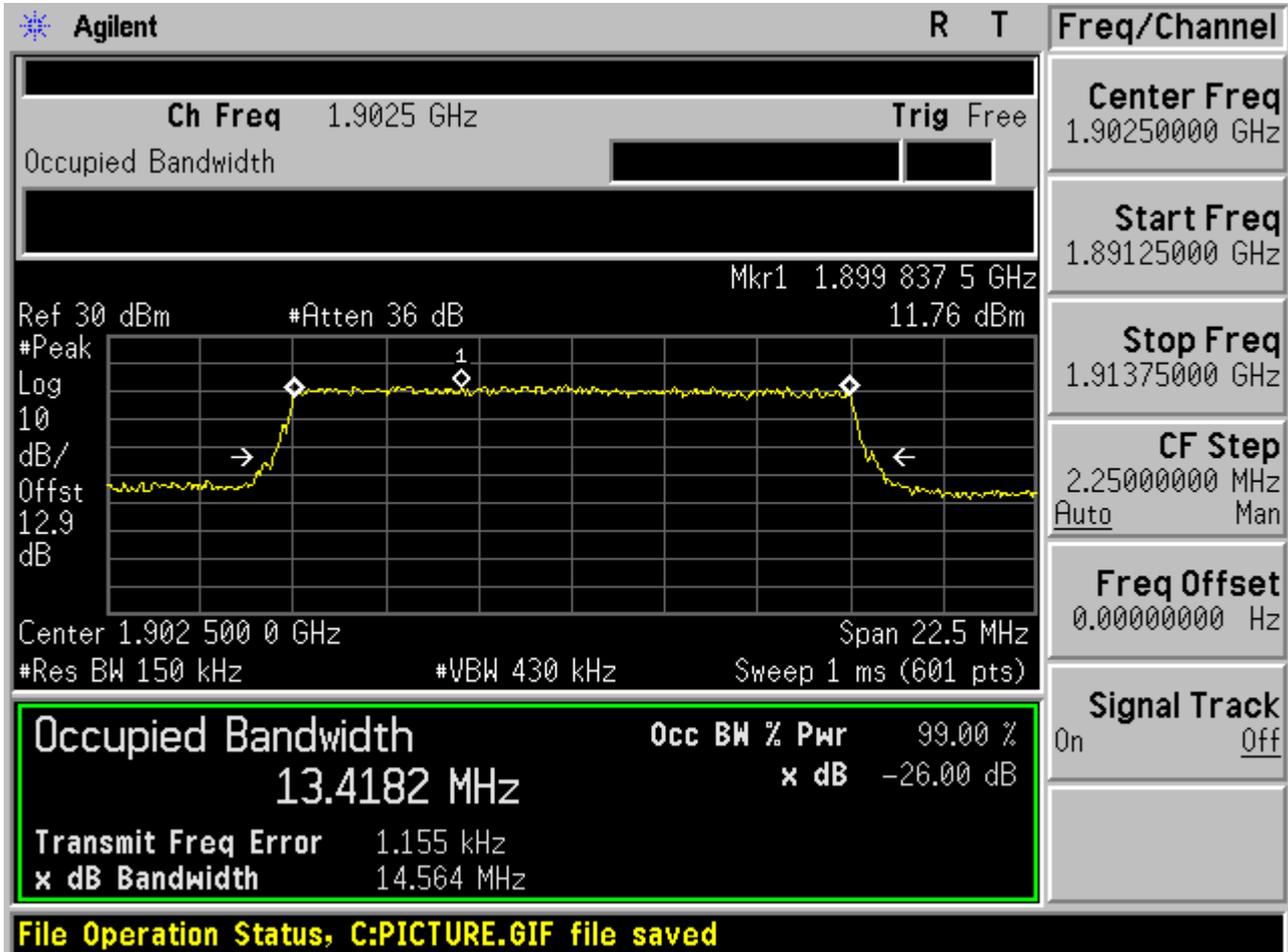


4.2.3.3.3 16QAM /non-1RB #mid/2





4.2.3.3.4 16QAM /full RBs

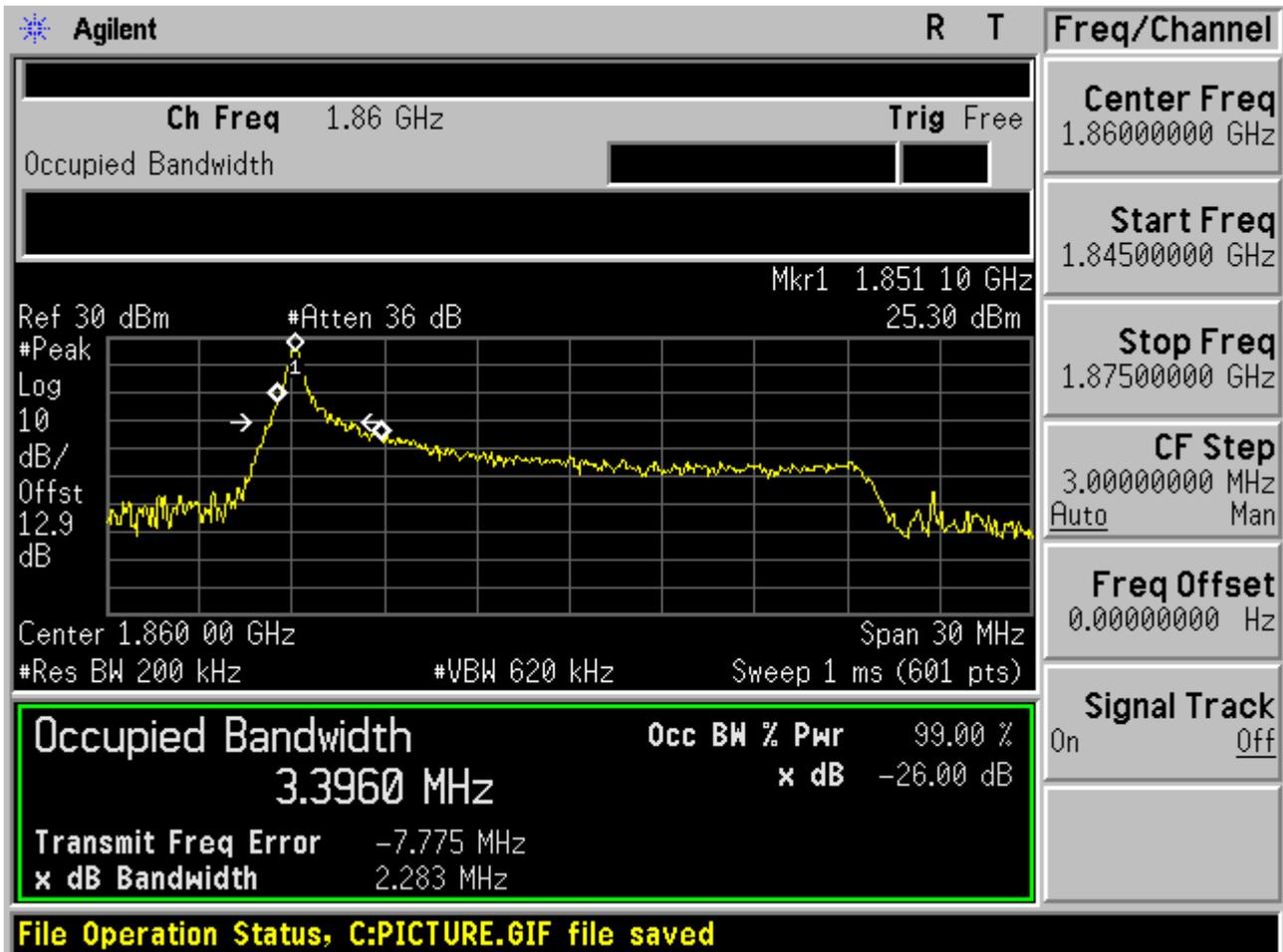




4.2.4 Channel Bandwidth = 20 MHz

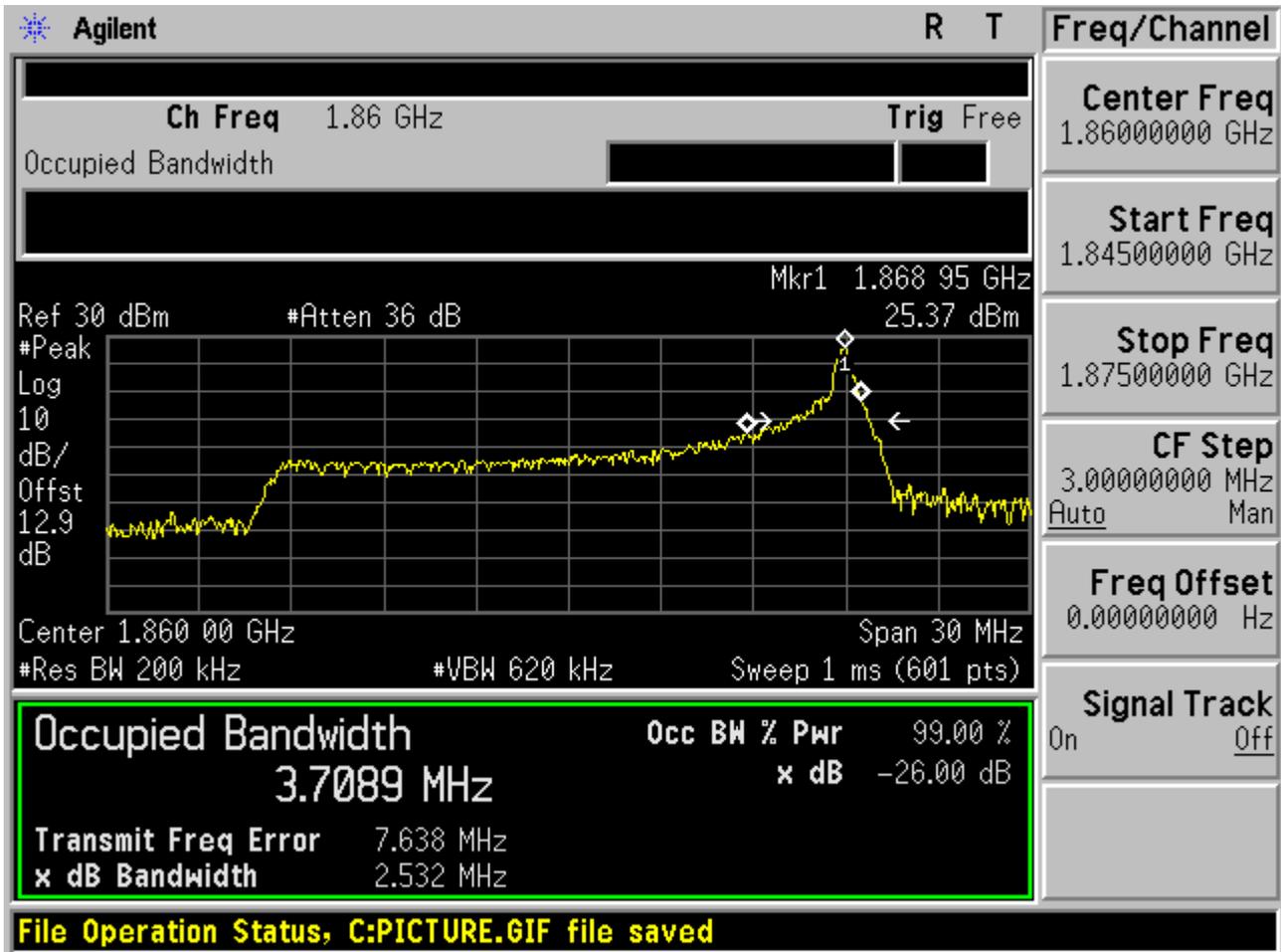
4.2.4.1 Channel =B

4.2.4.1.1 16QAM/1RB # 0





4.2.4.1.2 16QAM /1RB # max



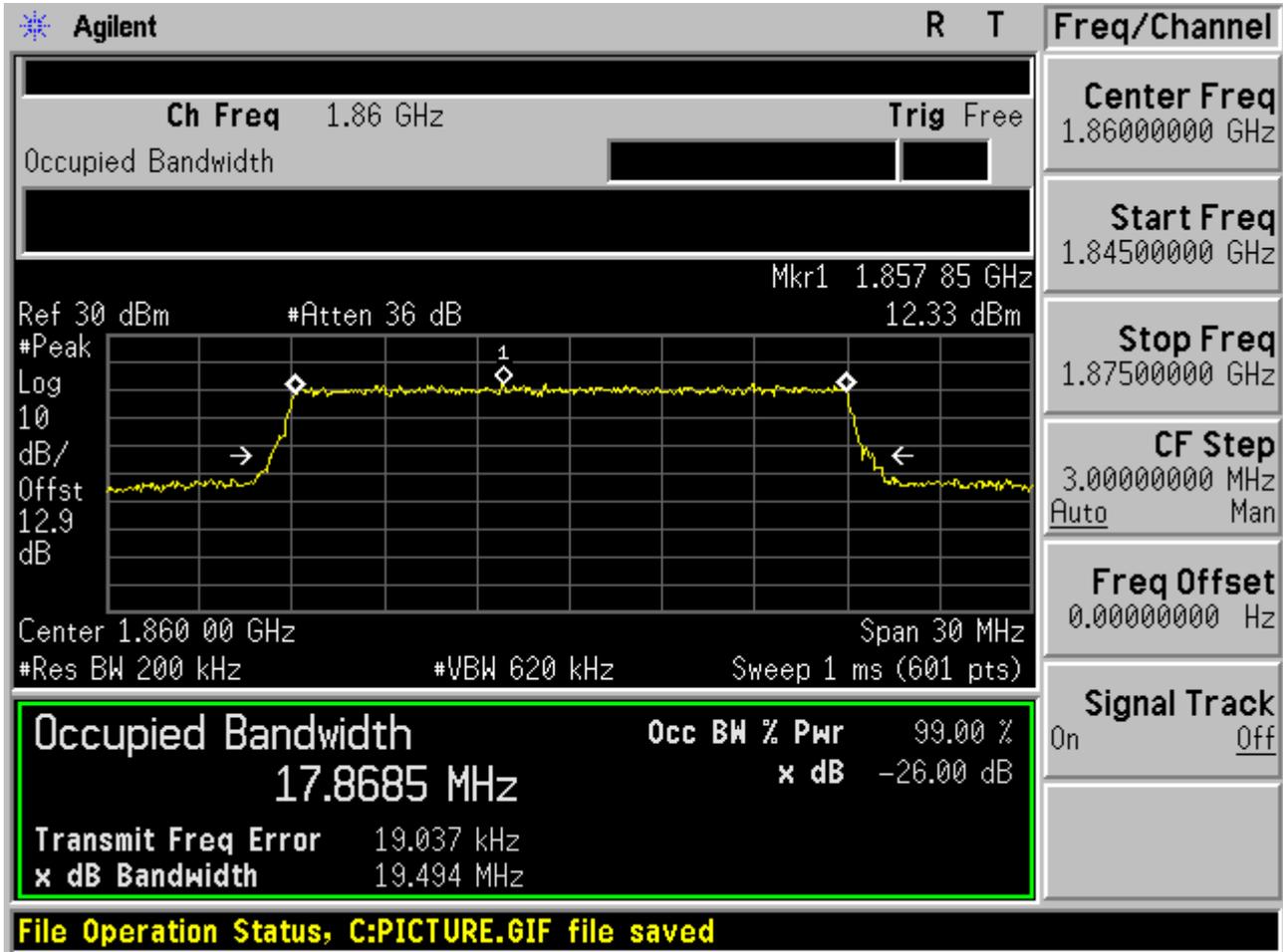


4.2.4.1.3 16QAM /non-1RB #mid/2





4.2.4.1.4 16QAM /full RBs





4.2.4.2 Channel =M

4.2.4.2.1 16QAM/1RB # 0





4.2.4.2.2 16QAM /1RB # max



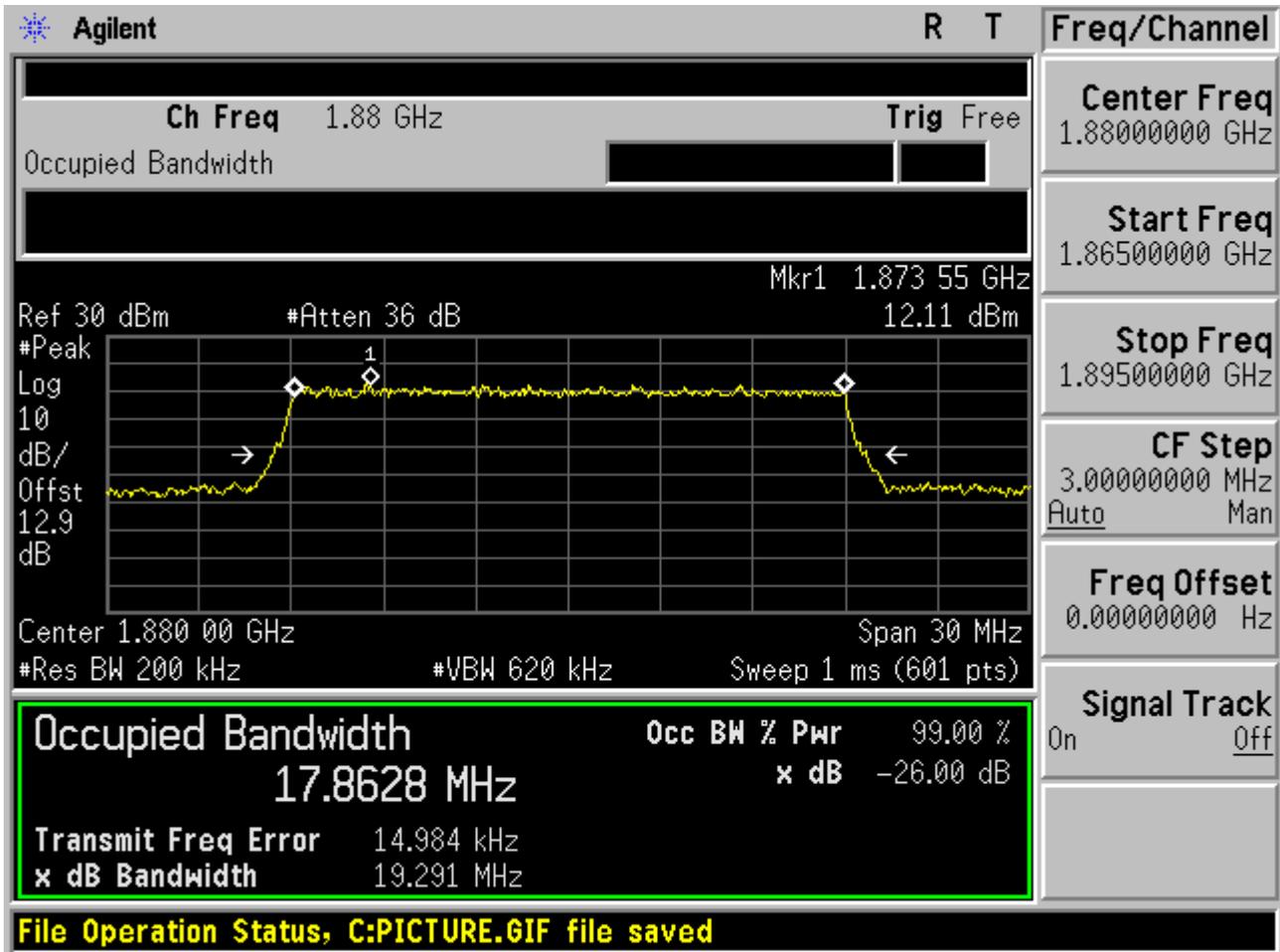


4.2.4.2.3 16QAM /non-1RB #mid/2





4.2.4.2.4 16QAM /full RBs





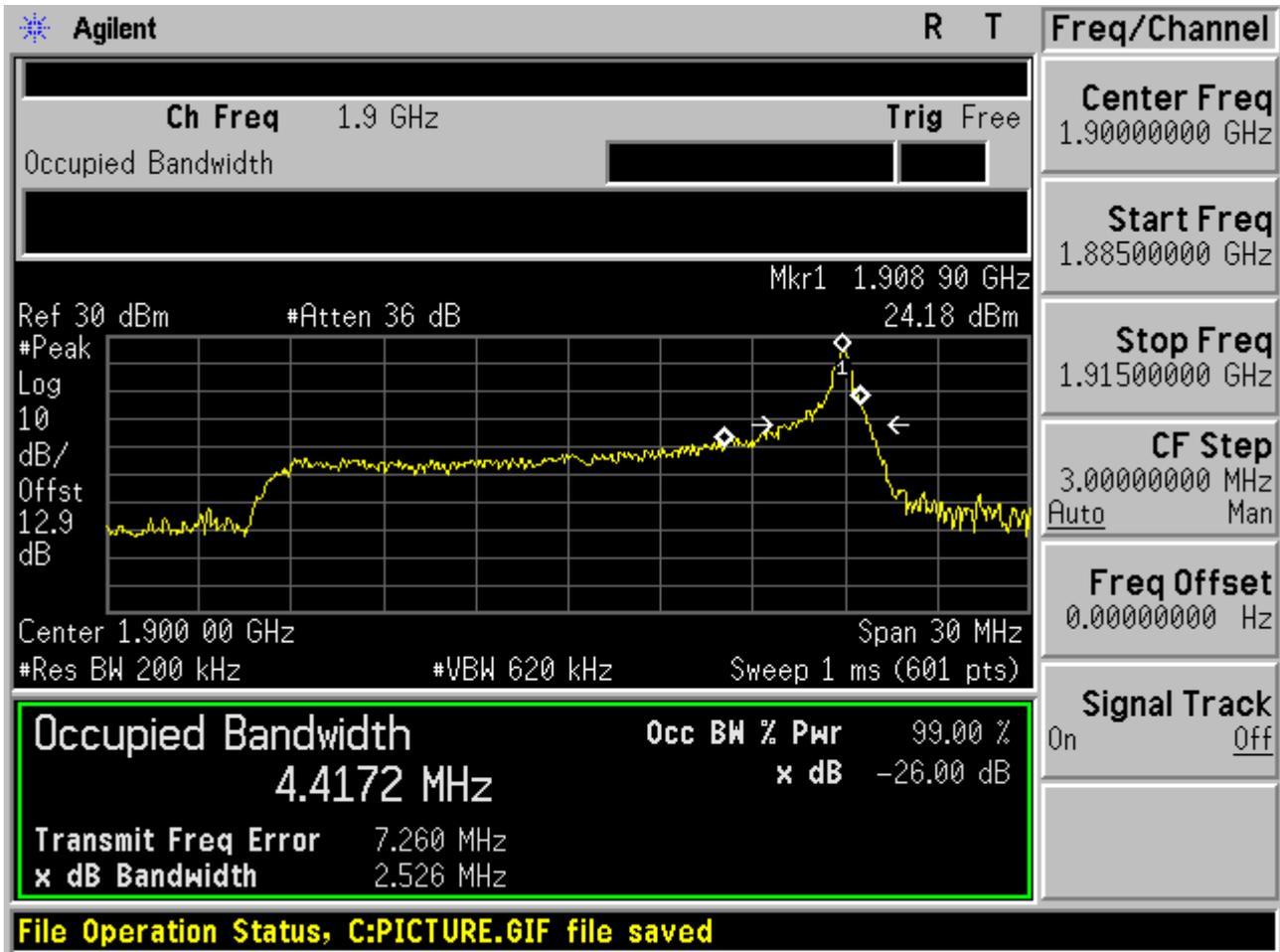
4.2.4.3 Channel = T

4.2.4.3.1 16QAM/1RB # 0





4.2.4.3.2 16QAM /1RB # max



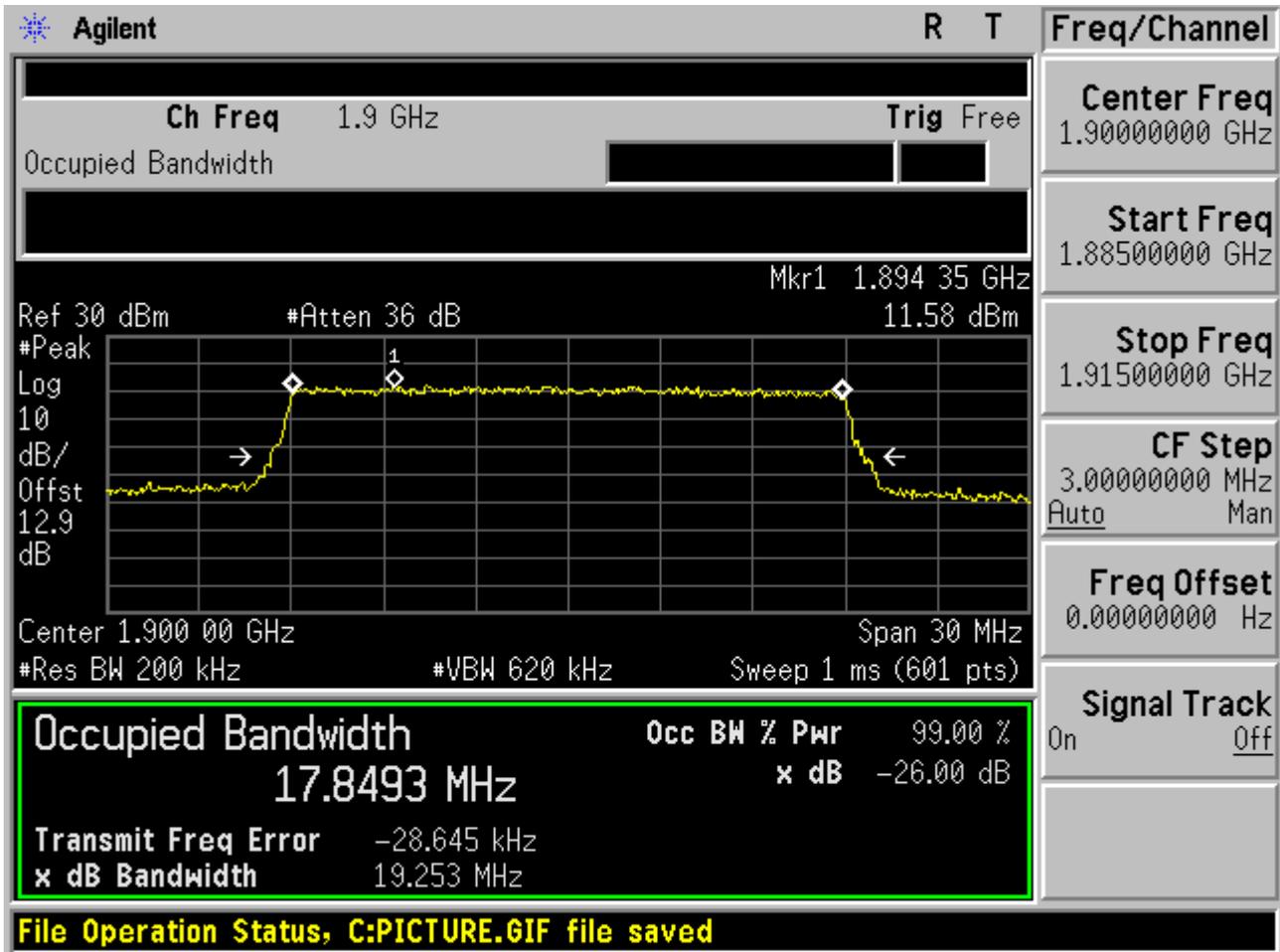


4.2.4.3.3 16QAM /non-1RB #mid/2





4.2.4.3.4 16QAM /full RBs



-----END-----



Appendix D

Band Edges Compliance According to FCC Part 2.1051 & 24.238



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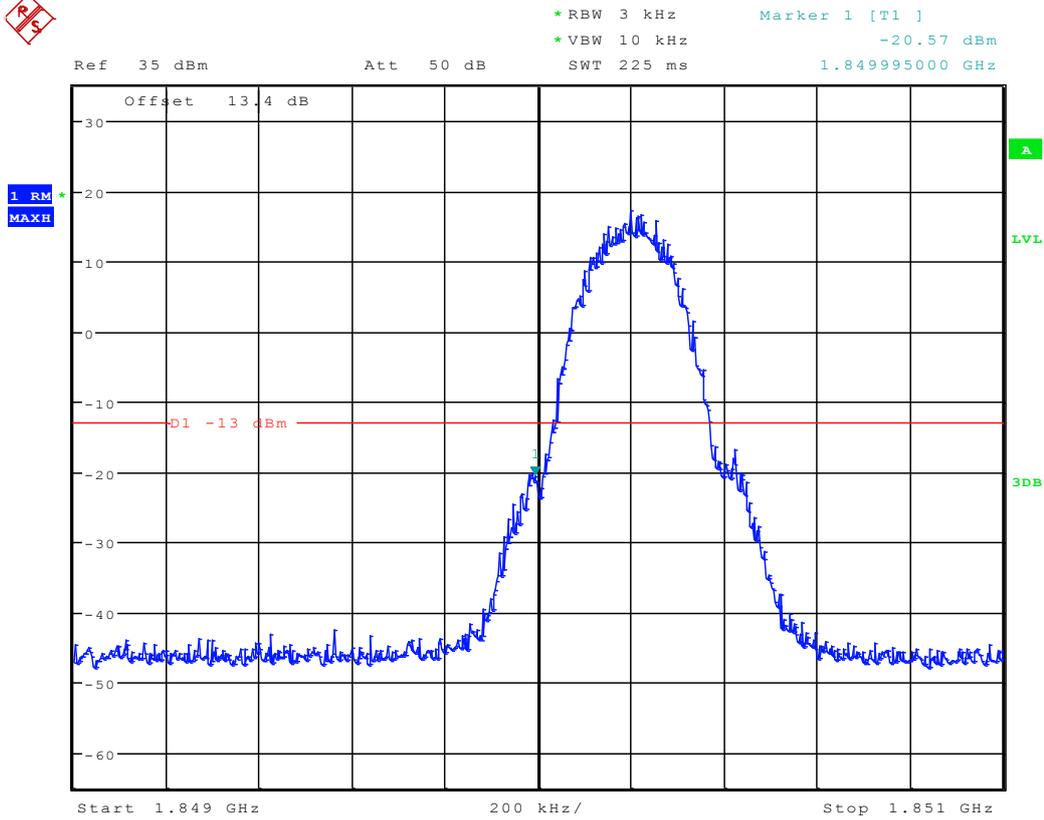
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1 For GPRS 1900

1.1 Test Mode=TM1

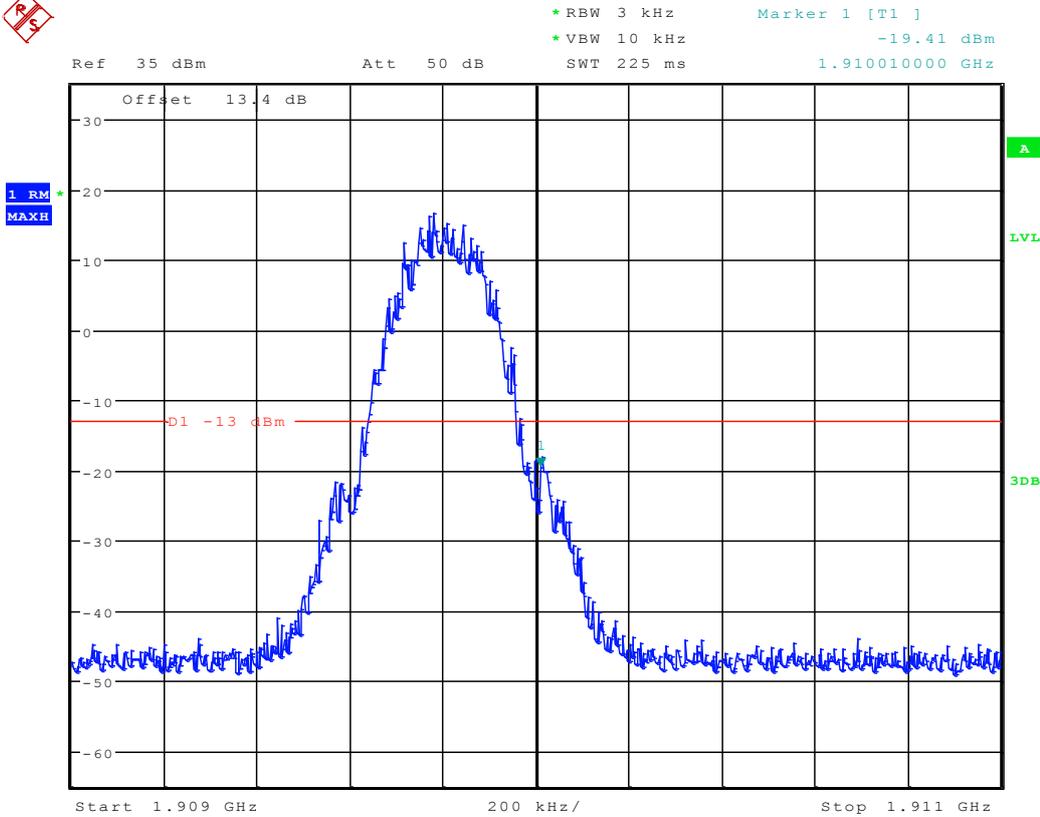
1.1.1 Chhannel = B



Date: 7.JUN.2012 11:28:41



1.1.2 Chhannel = T



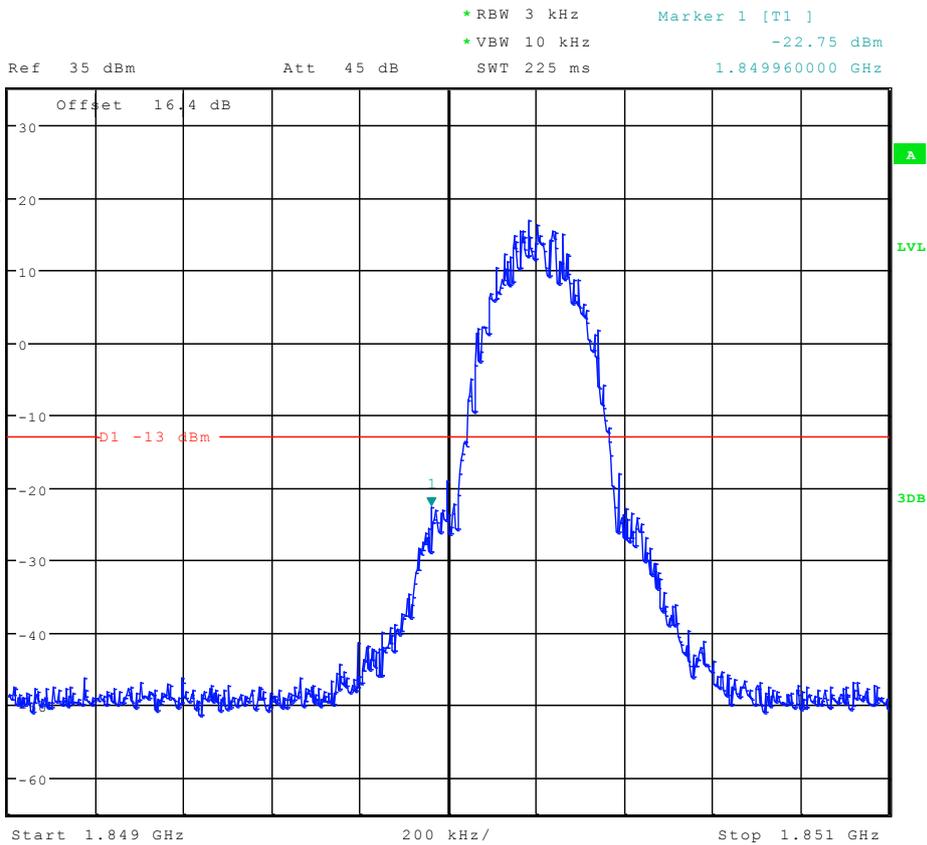
Date: 7.JUN.2012 11:28:55



2 For EDGE 1900

2.1 Test Mode=TM2

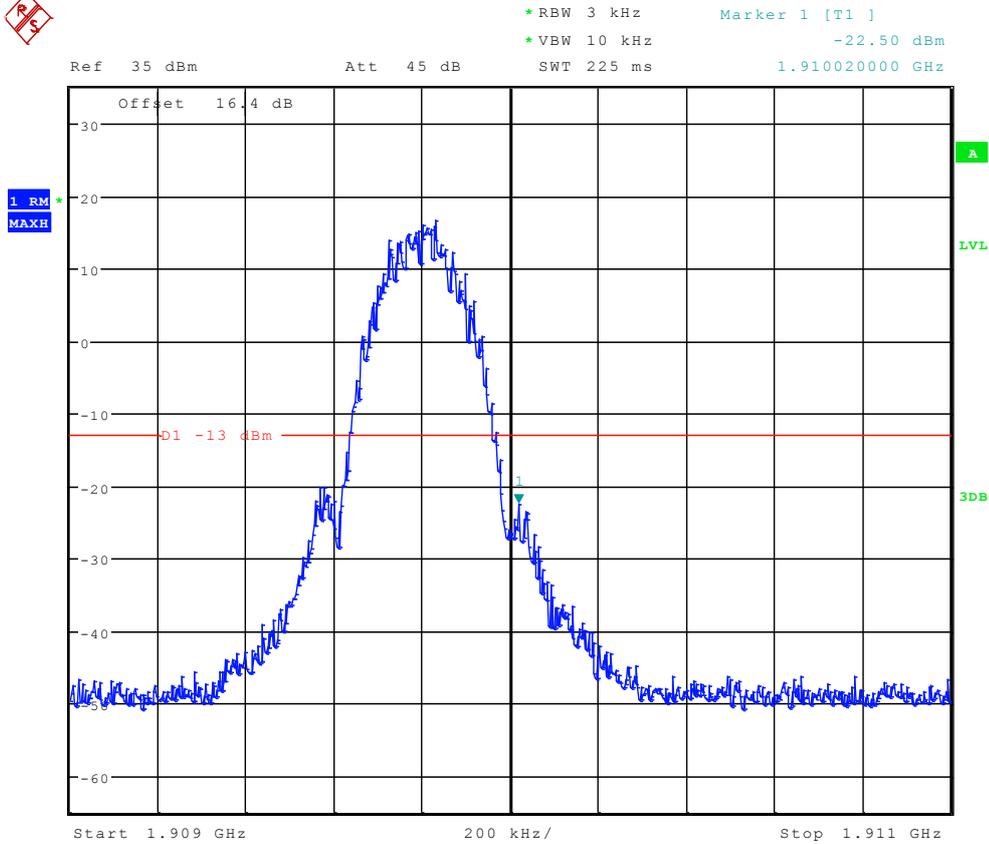
2.1.1 Chhannel = B



Date: 31.MAY.2012 12:11:16



2.1.2 Chhannel = T



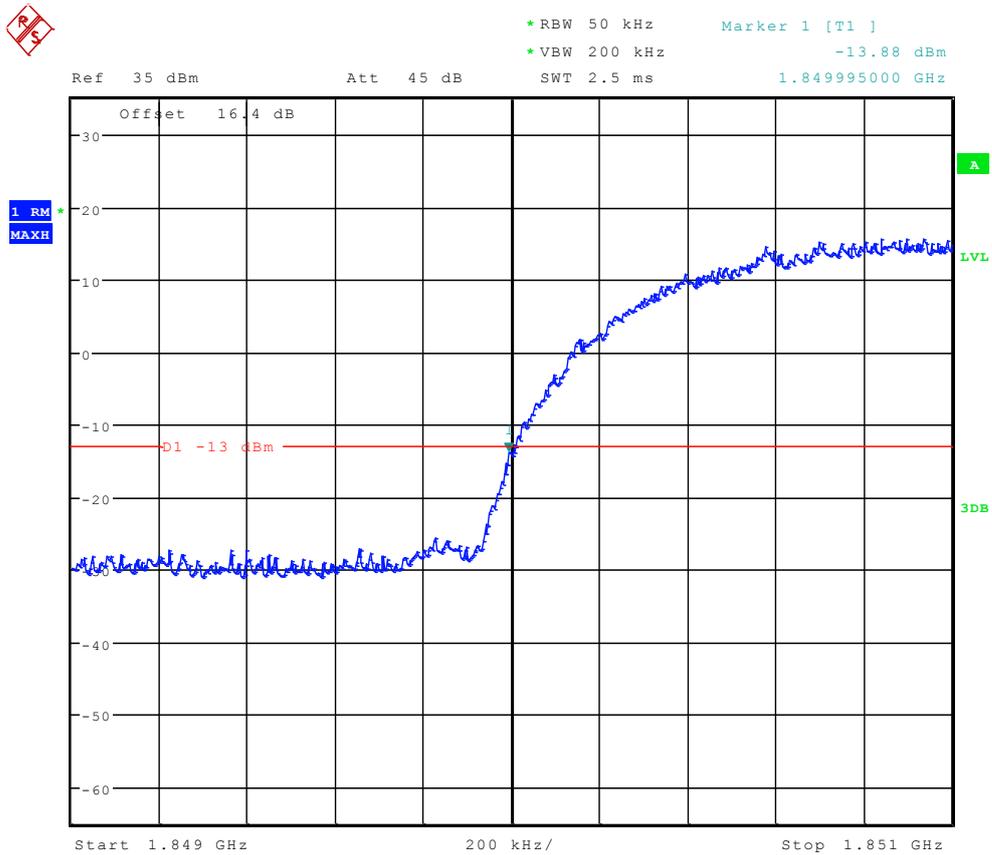
Date: 31.MAY.2012 12:11:33



3 For WCDMA Band 2

3.1 Test Mode=TM3

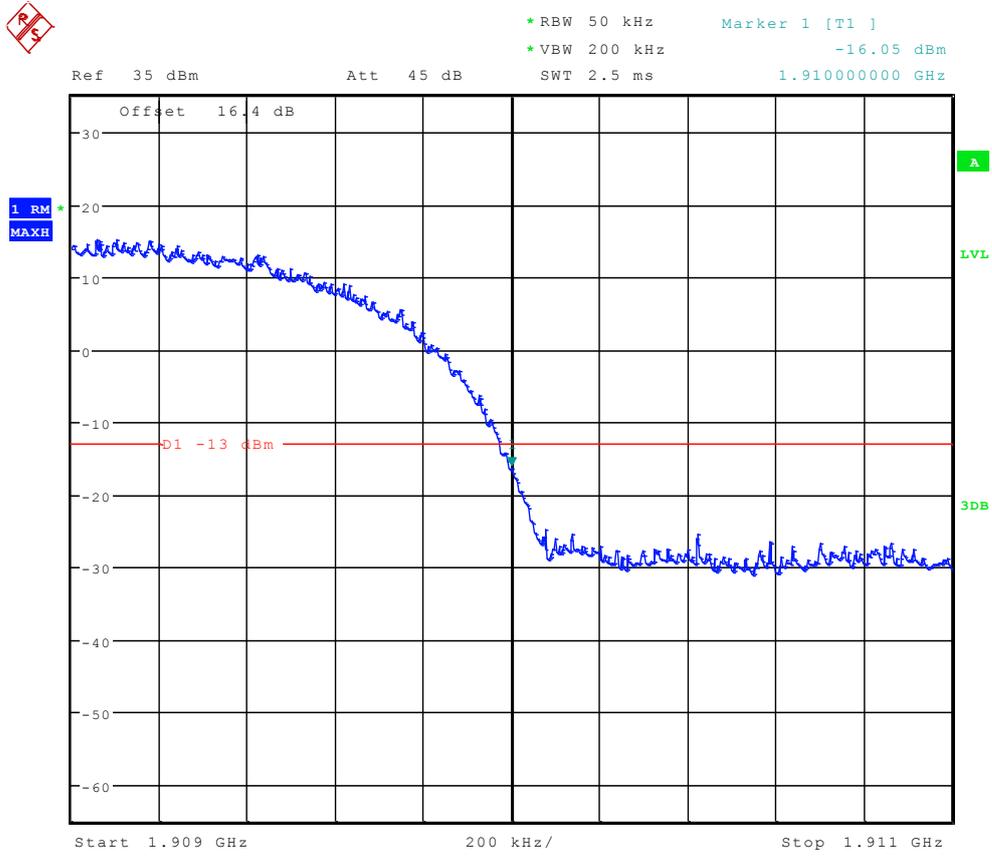
3.1.1 Chhannel = B



Date: 31.MAY.2012 12:17:07



3.1.2 Chchannel = T



Date: 31.MAY.2012 12:17:21



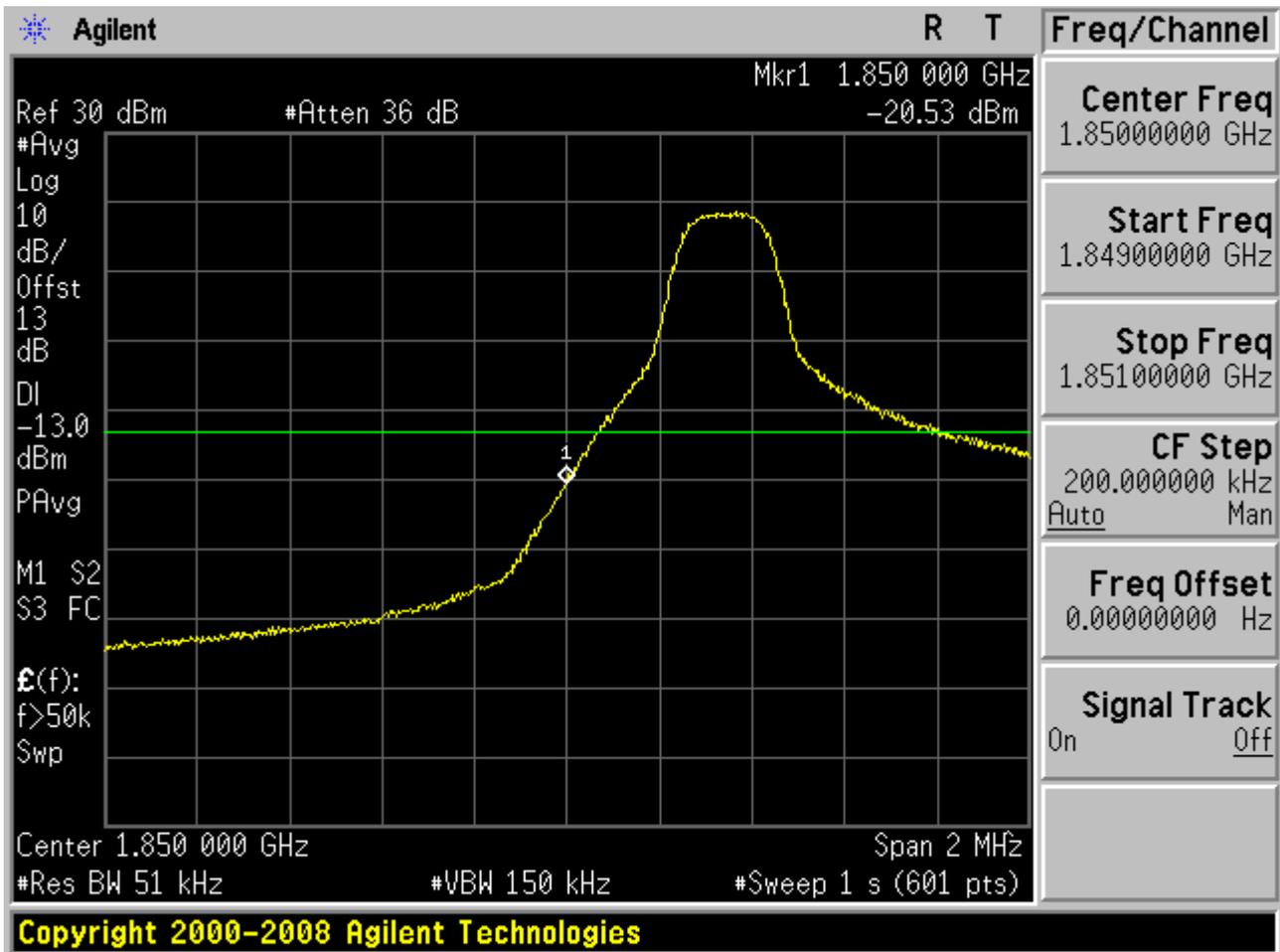
4 For LTE Band 2

4.1 Test Mode=TM6

4.1.1 Channel Bandwidth = 5 MHz

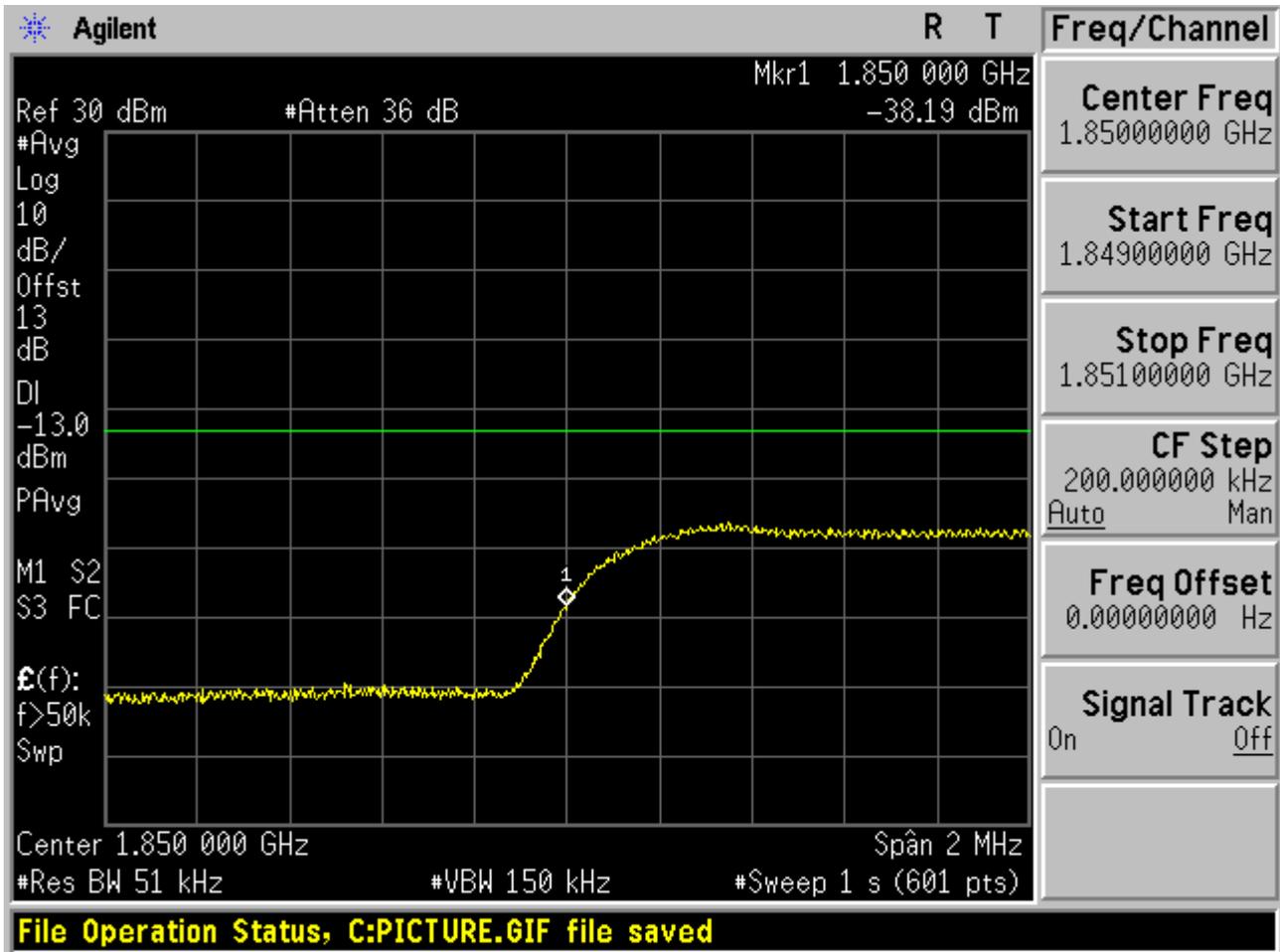
4.1.1.1 Channel= B

4.1.1.1.1 QPSK/1RB # 0



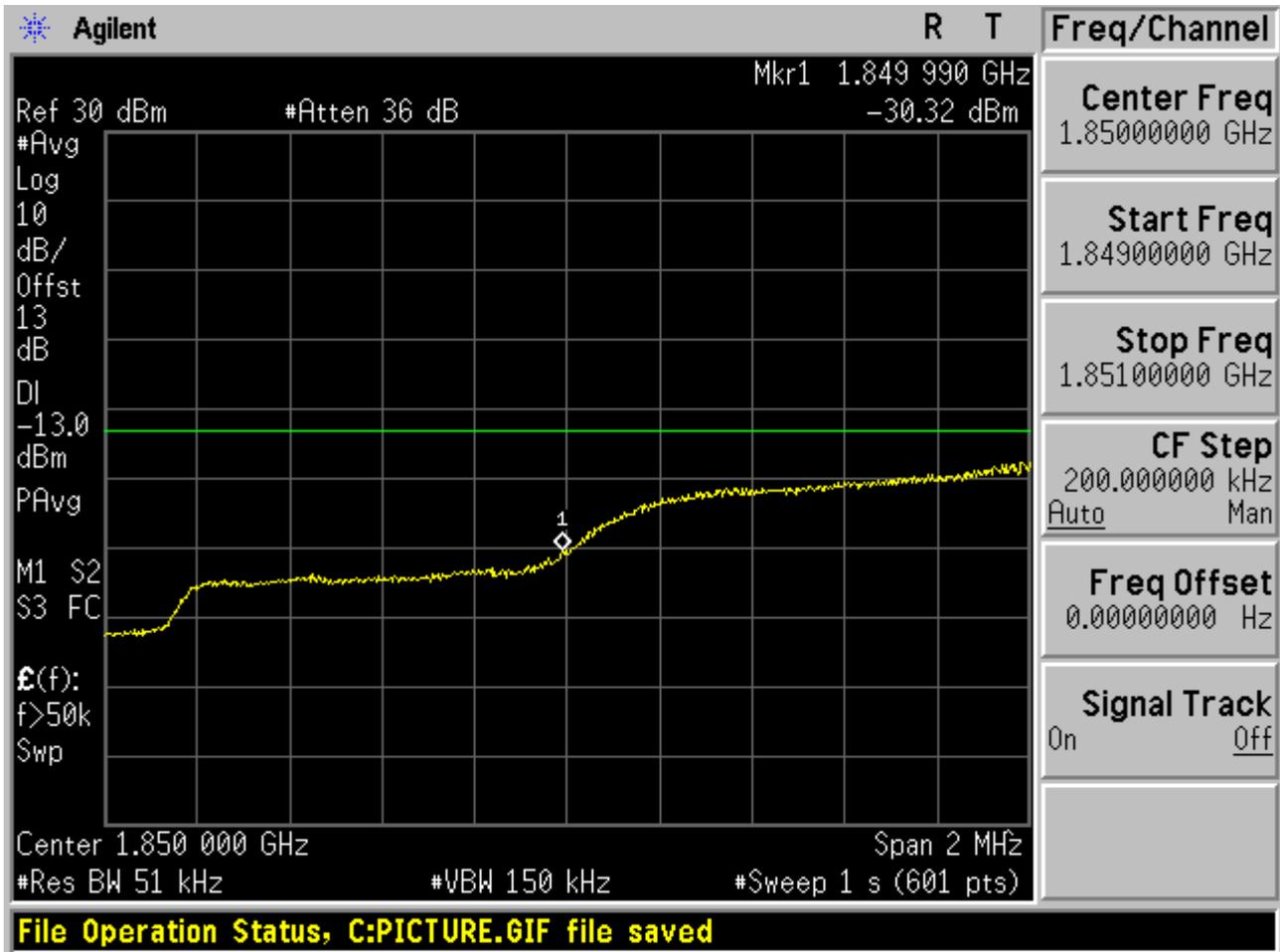


4.1.1.1.2 QPSK/1RB # max



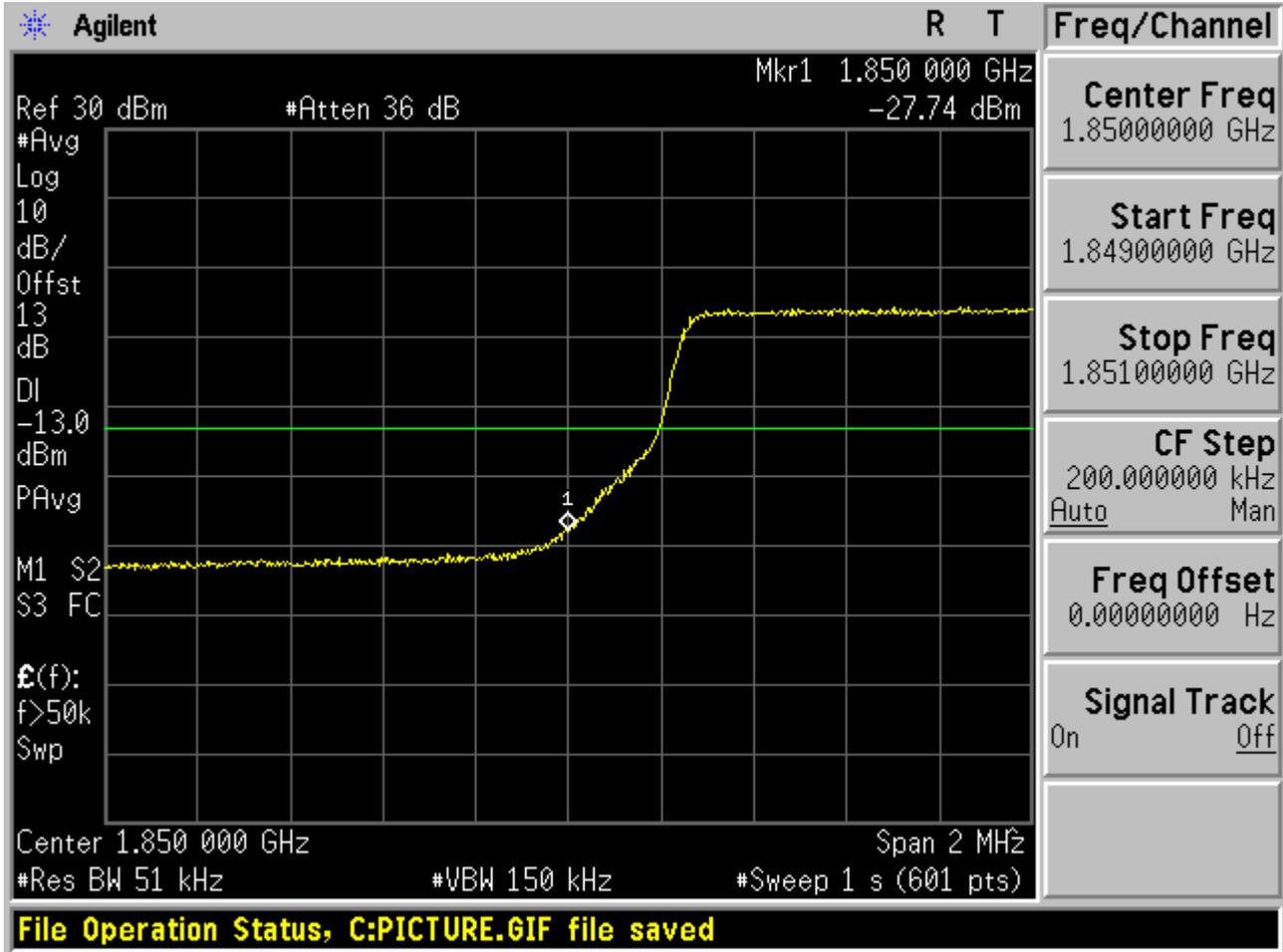


4.1.1.1.3 QPSK/non-1RB #mid/2





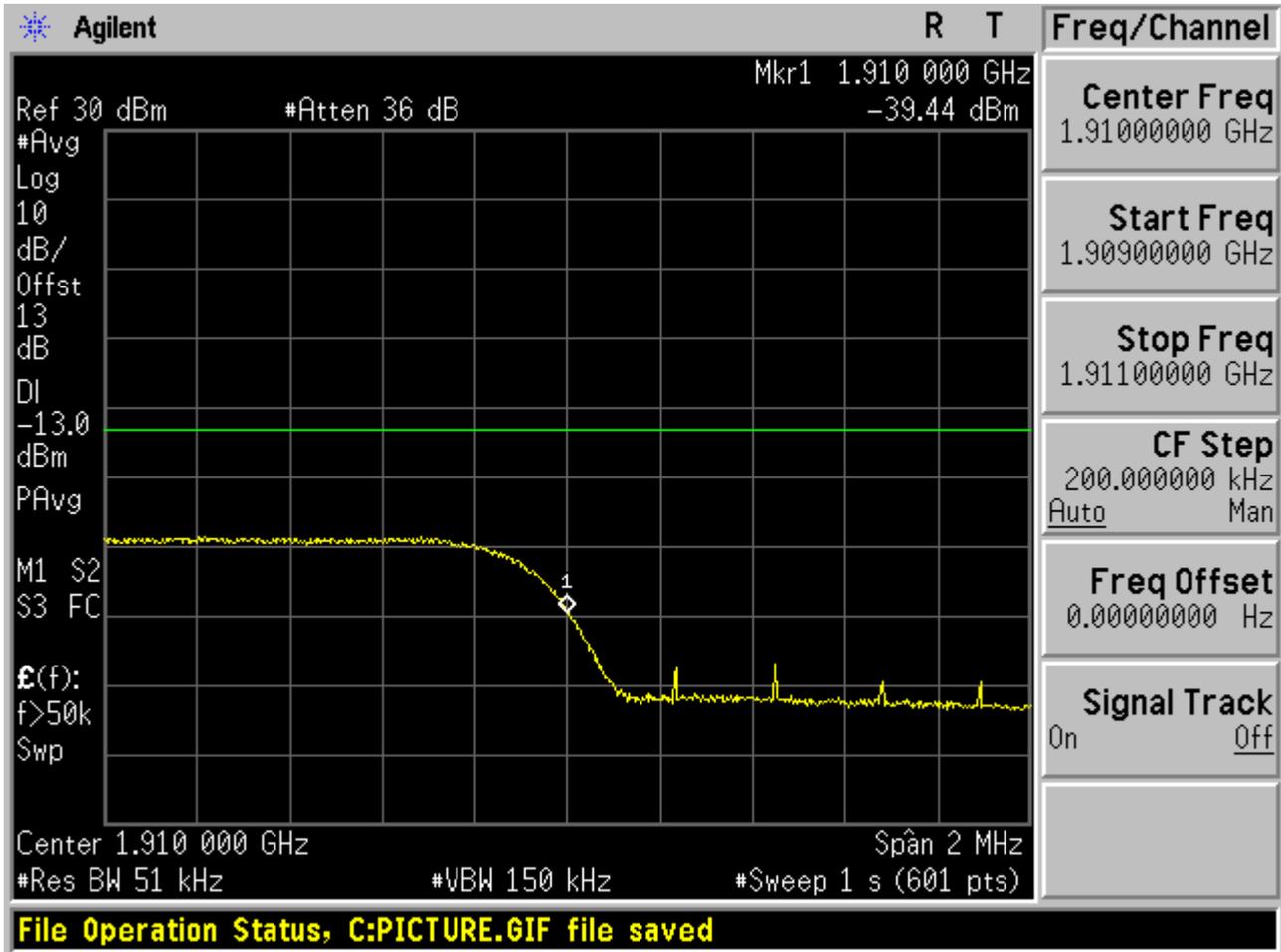
4.1.1.1.4 QPSK/full RBs





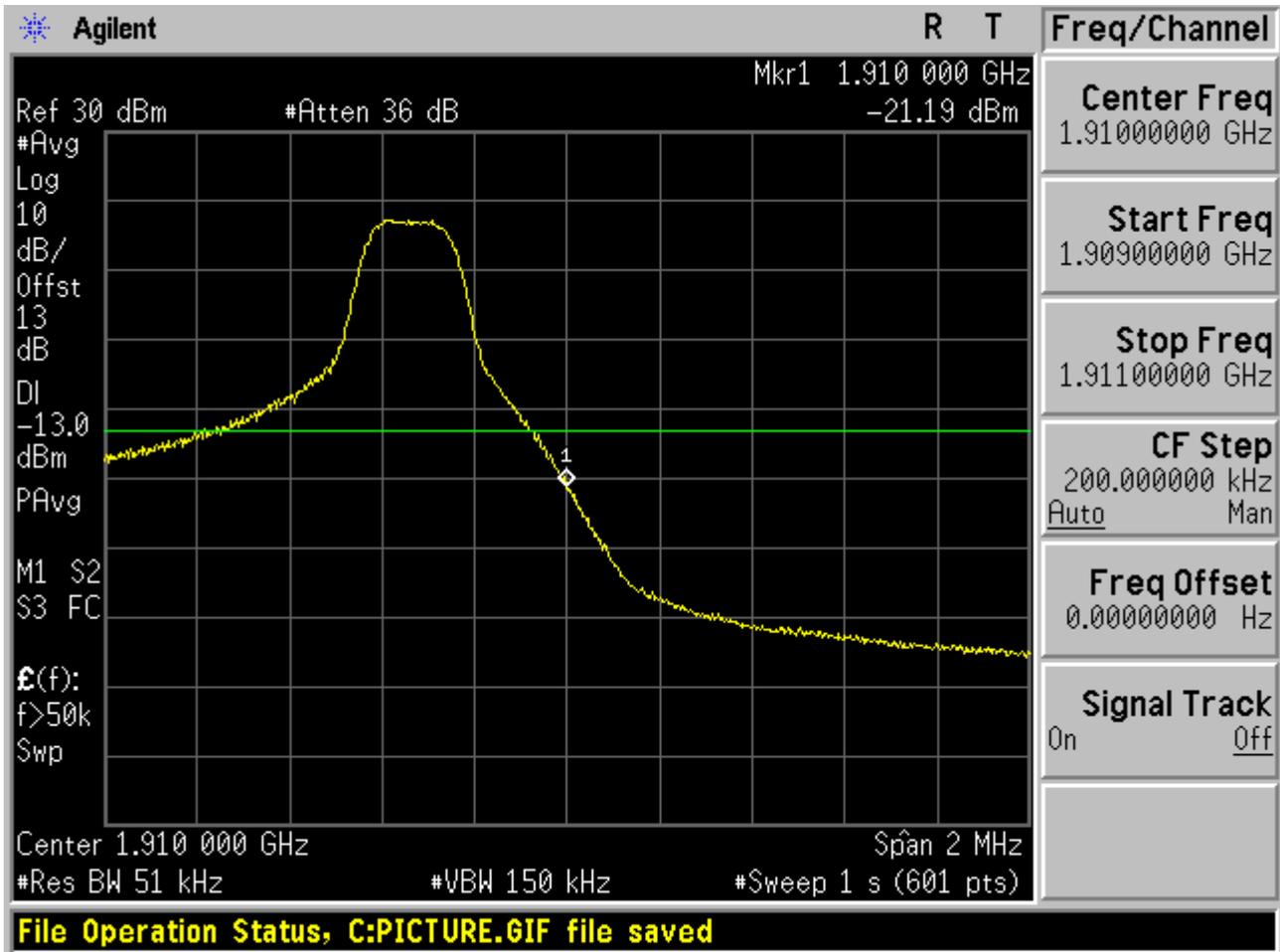
4.1.1.2 Channel= T

4.1.1.2.1 QPSK/1RB # 0



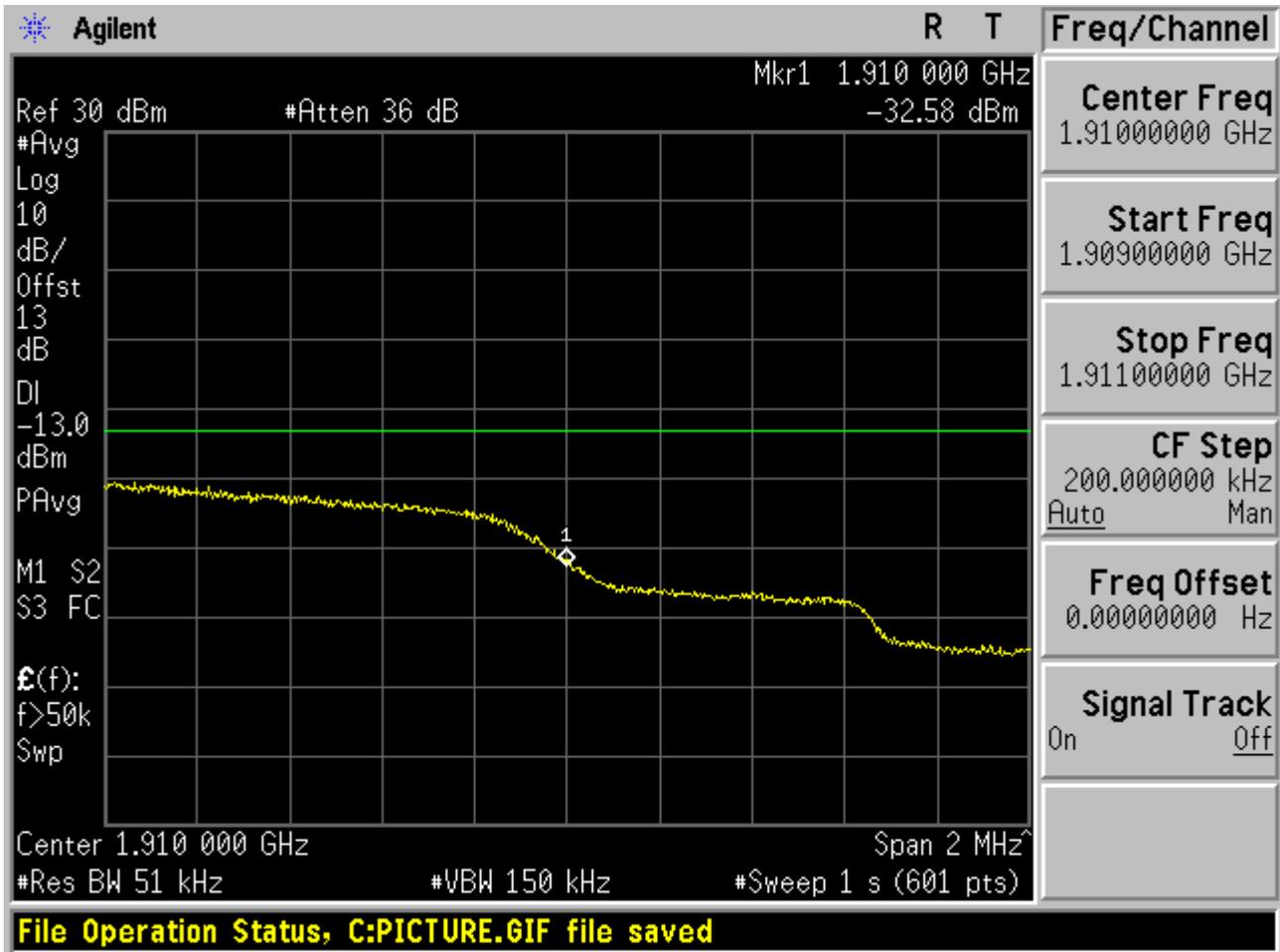


4.1.1.2.2 QPSK/1RB # max



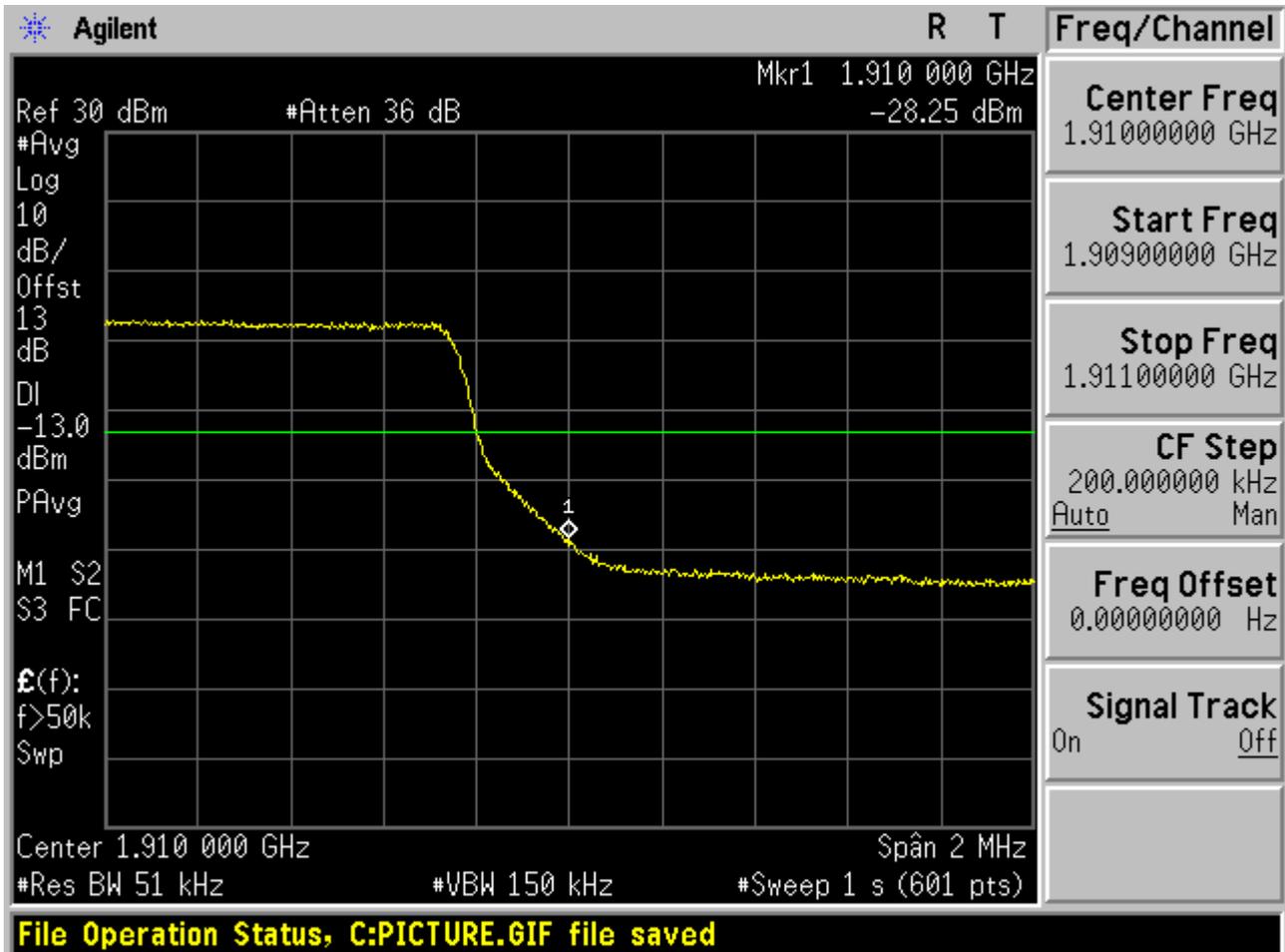


4.1.1.2.3 QPSK/non-1RB #mid/2





4.1.1.2.4 QPSK/full RBs

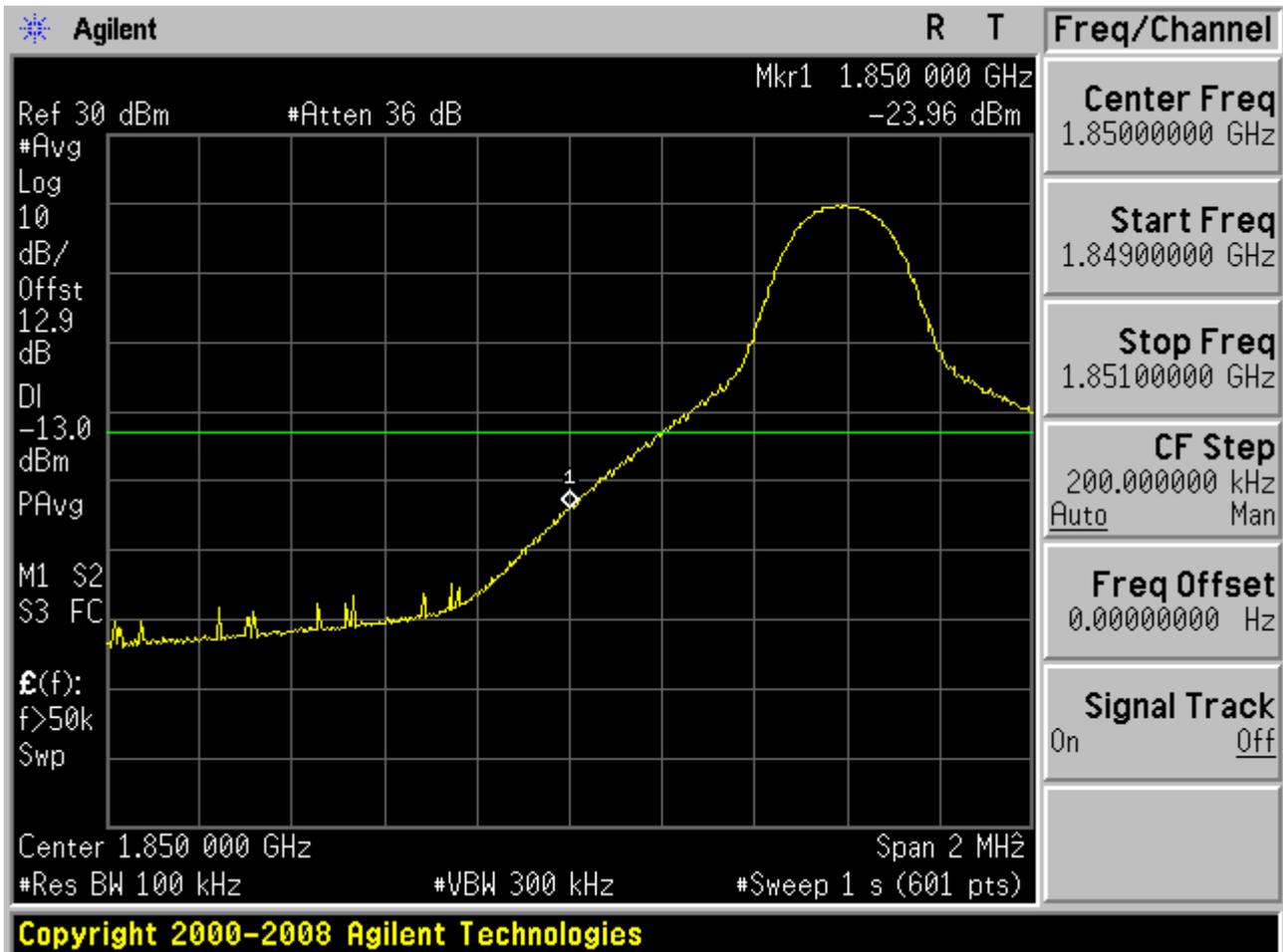




4.1.2 Channel Bandwidth = 10 MHz

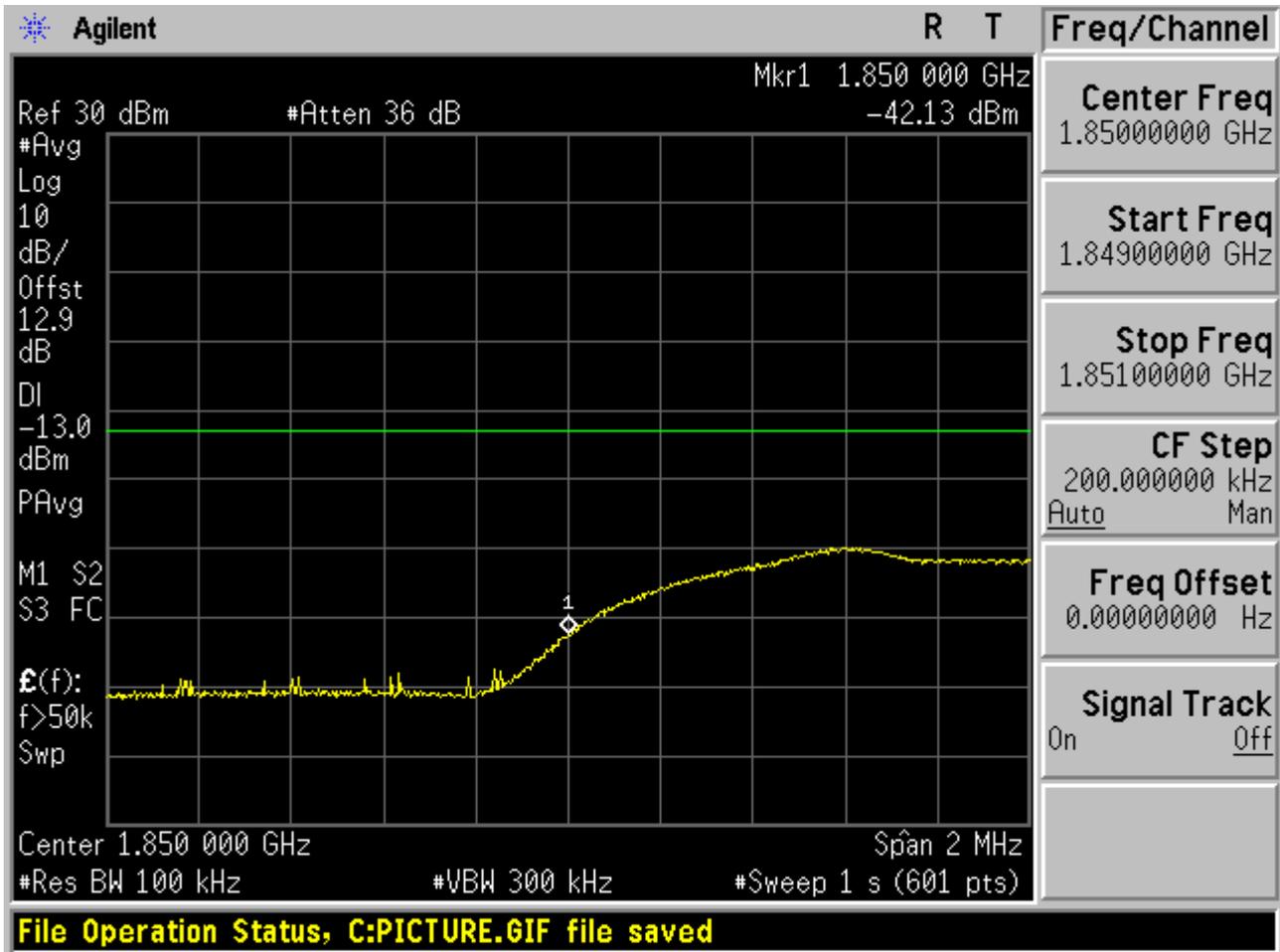
4.1.2.1 Channel= B

4.1.2.1.1 QPSK/1RB # 0



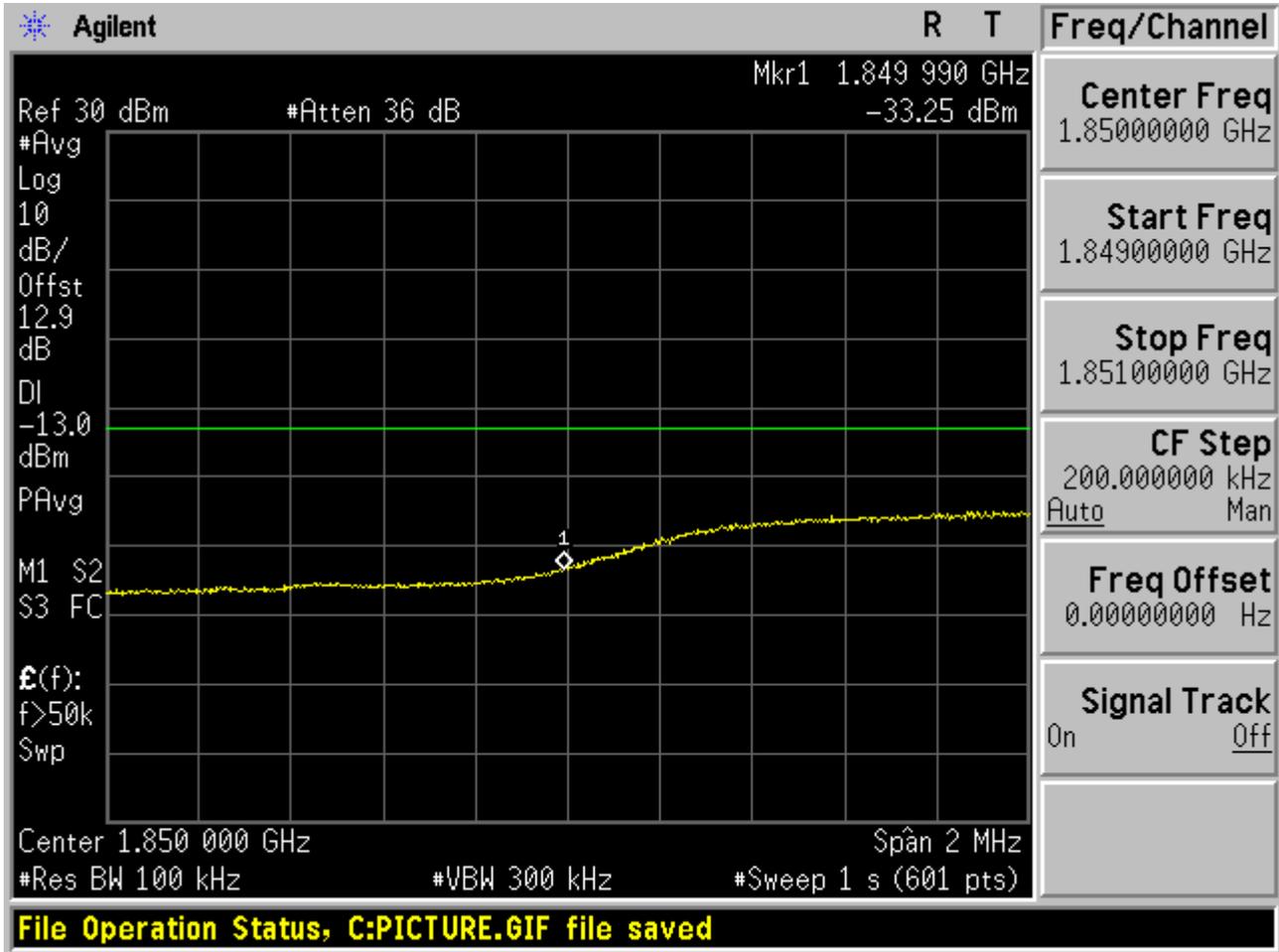


4.1.2.1.2 QPSK/1RB # max



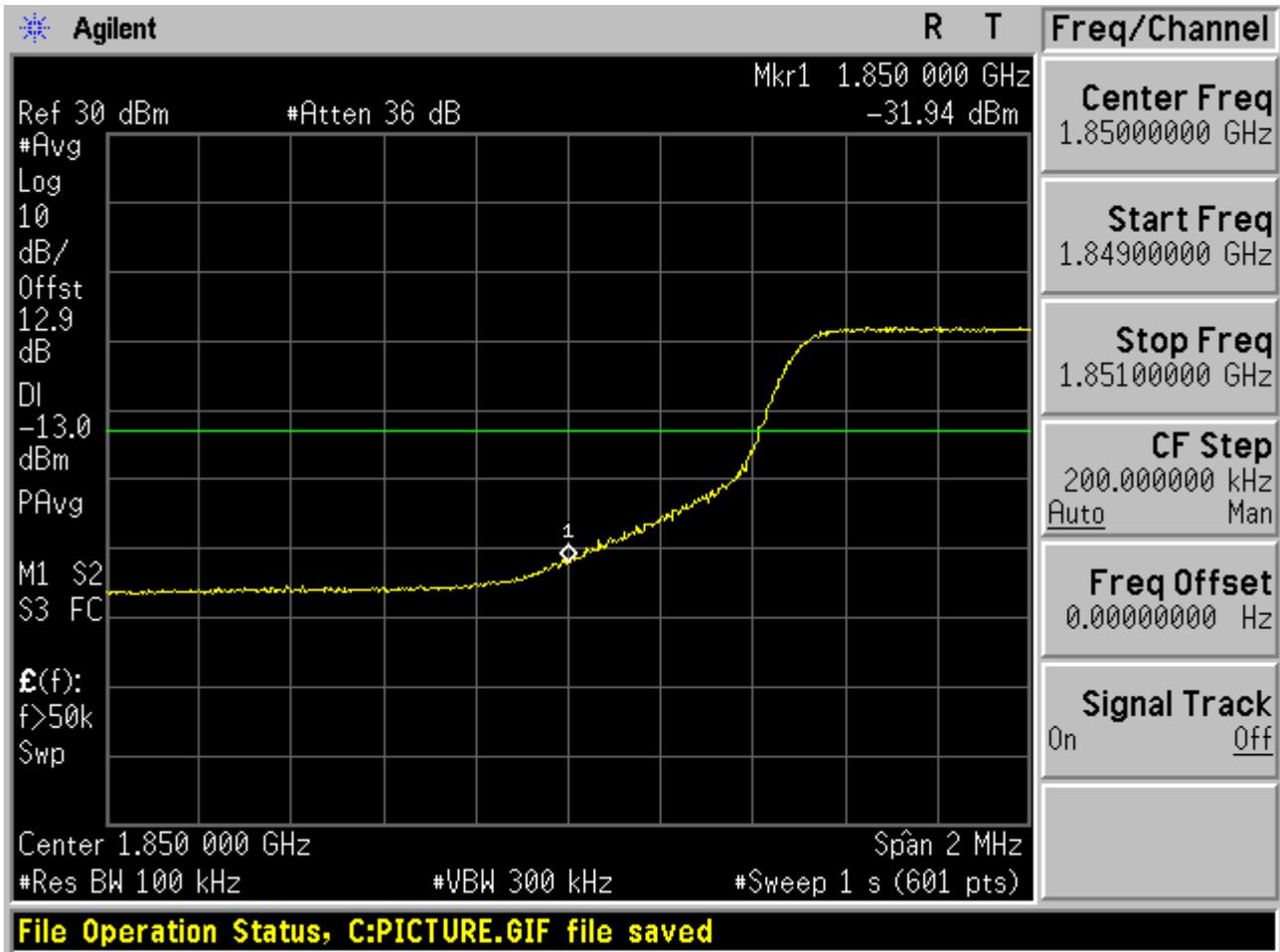


4.1.2.1.3 QPSK/non-1RB #mid/2





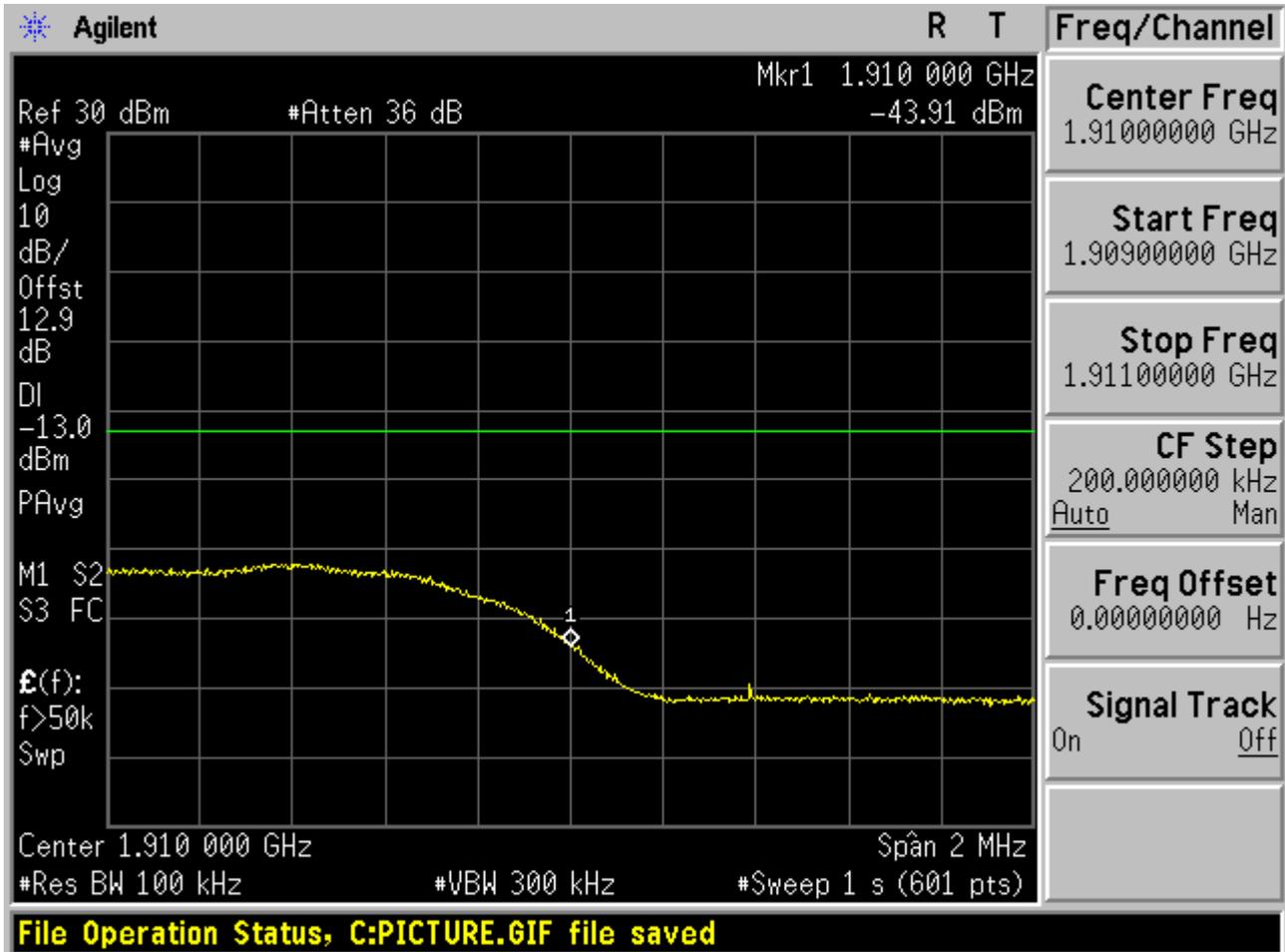
4.1.2.1.4 QPSK/full RBs





4.1.2.2 Channel= T

4.1.2.2.1 QPSK/1RB # 0



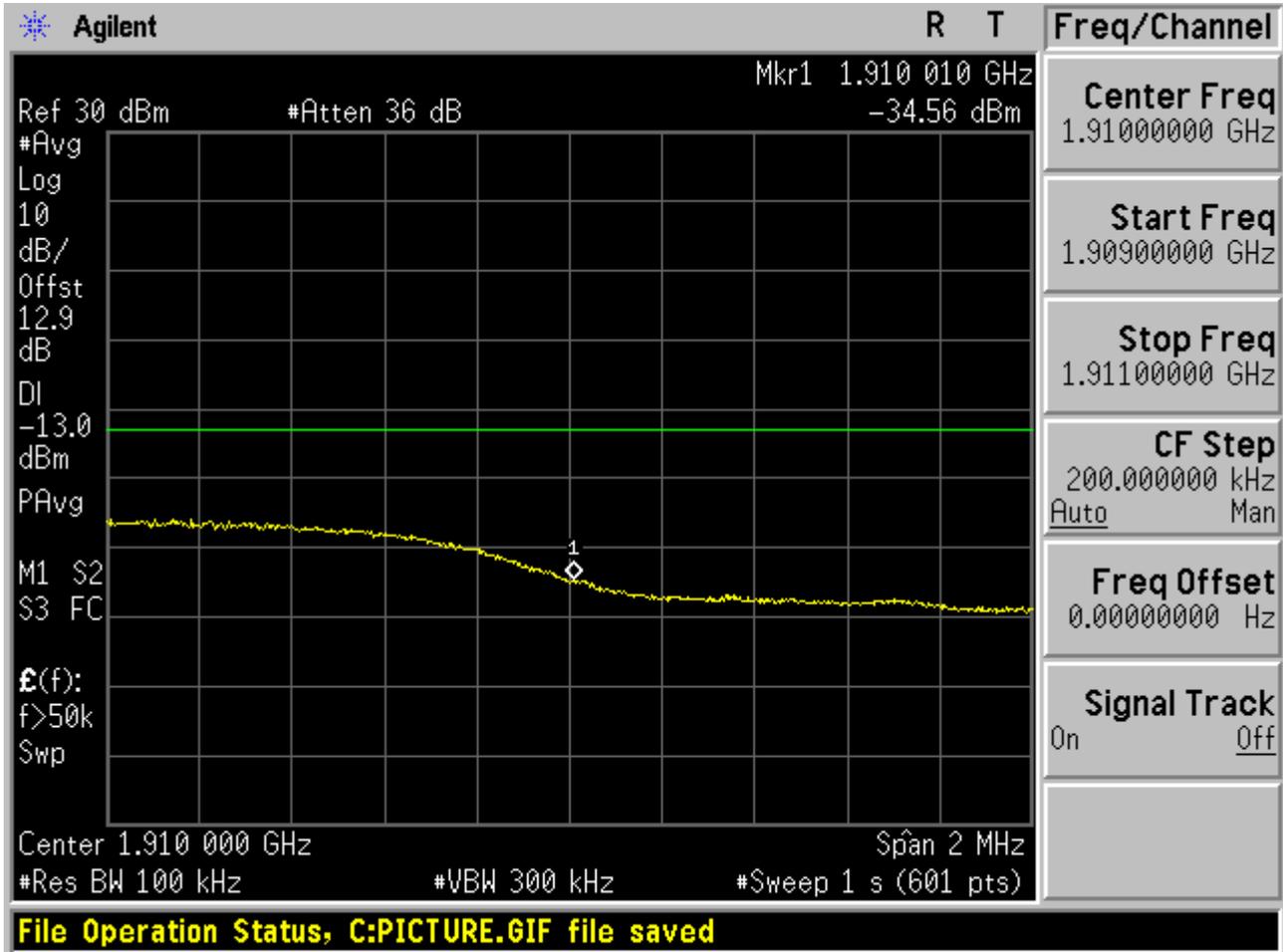


4.1.2.2.2 QPSK/1RB # max



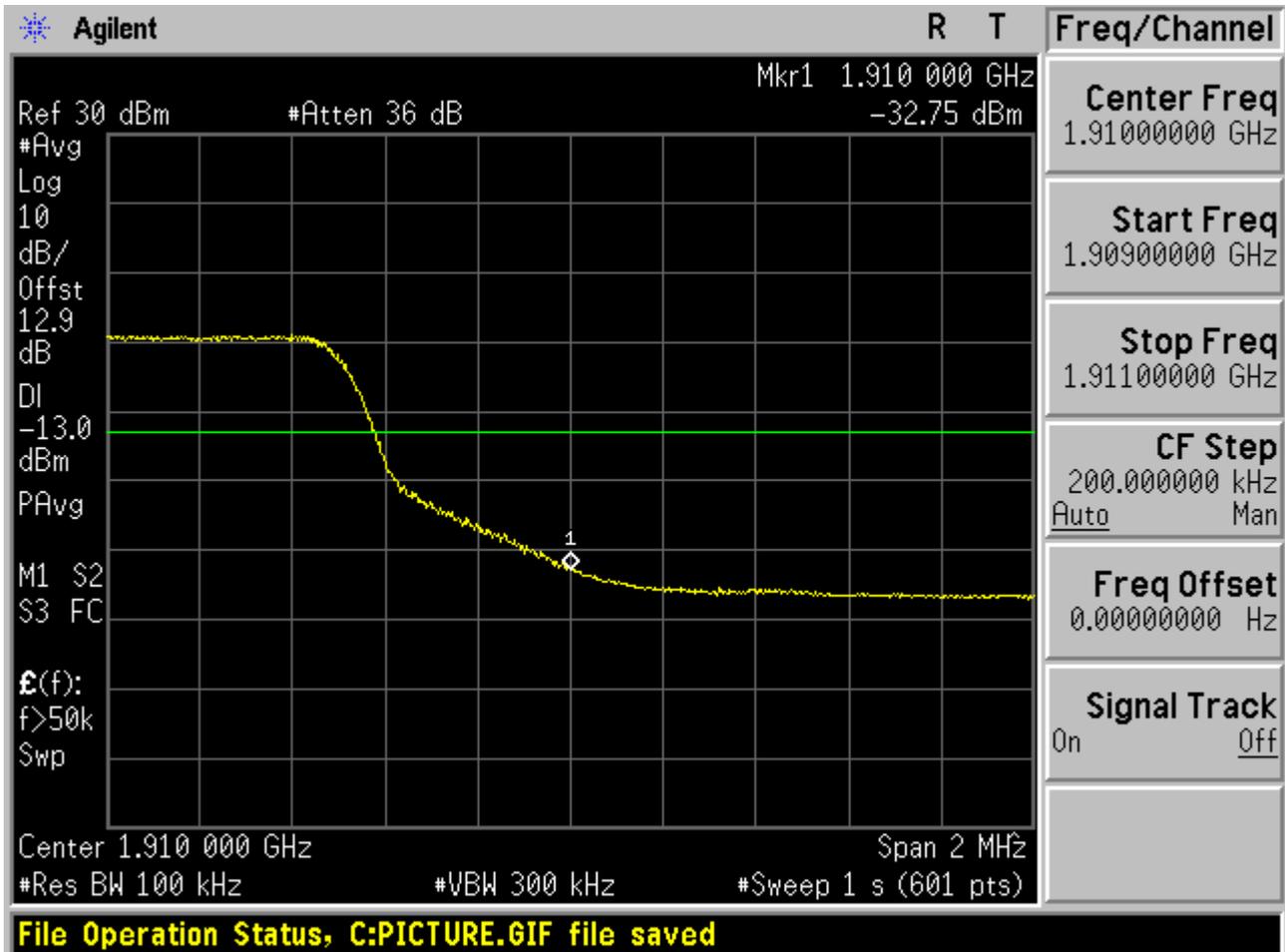


4.1.2.2.3 QPSK/non-1RB #mid/2





4.1.2.2.4 QPSK/full RBs

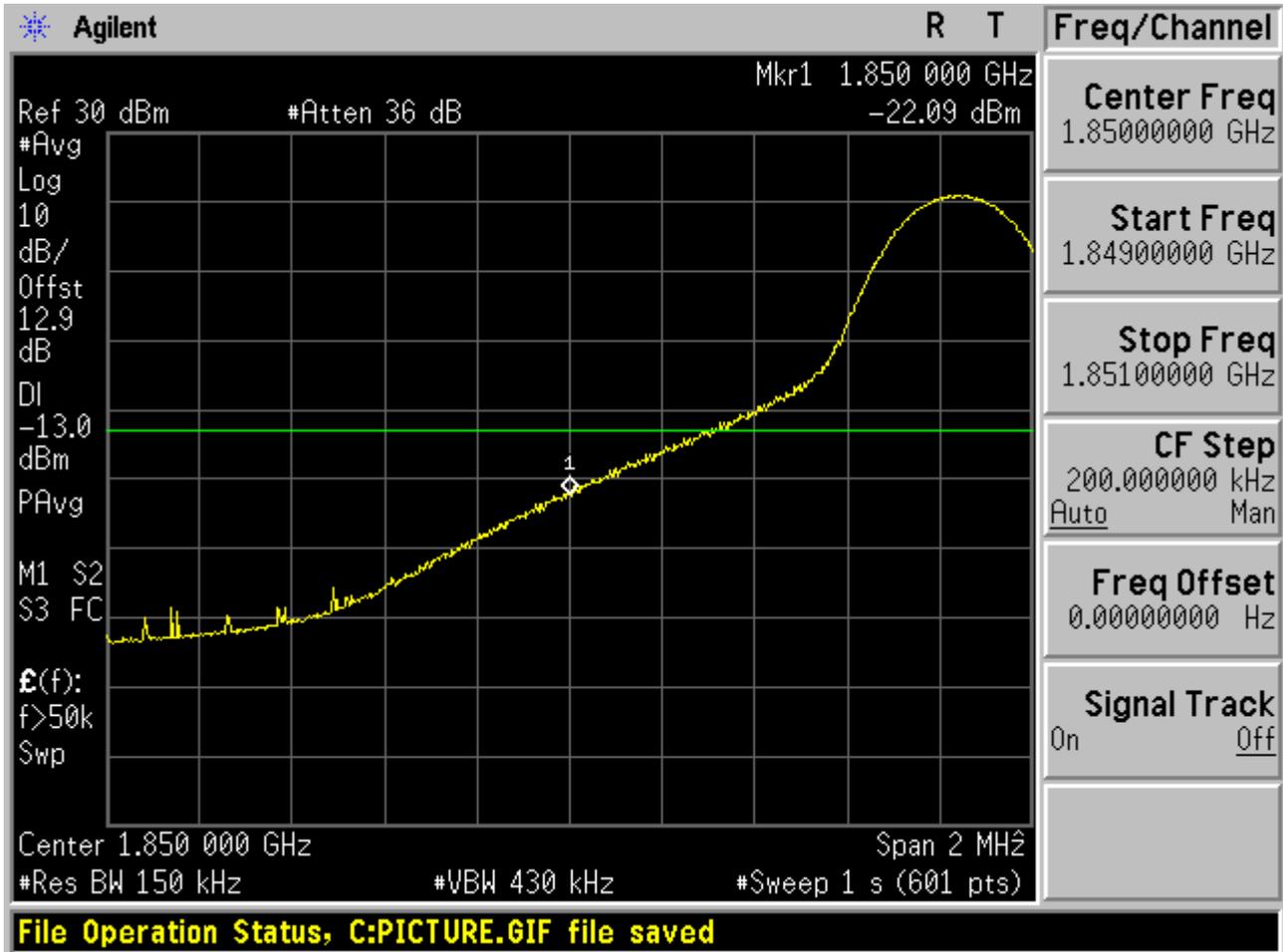




4.1.3 Channel Bandwidth = 15 MHz

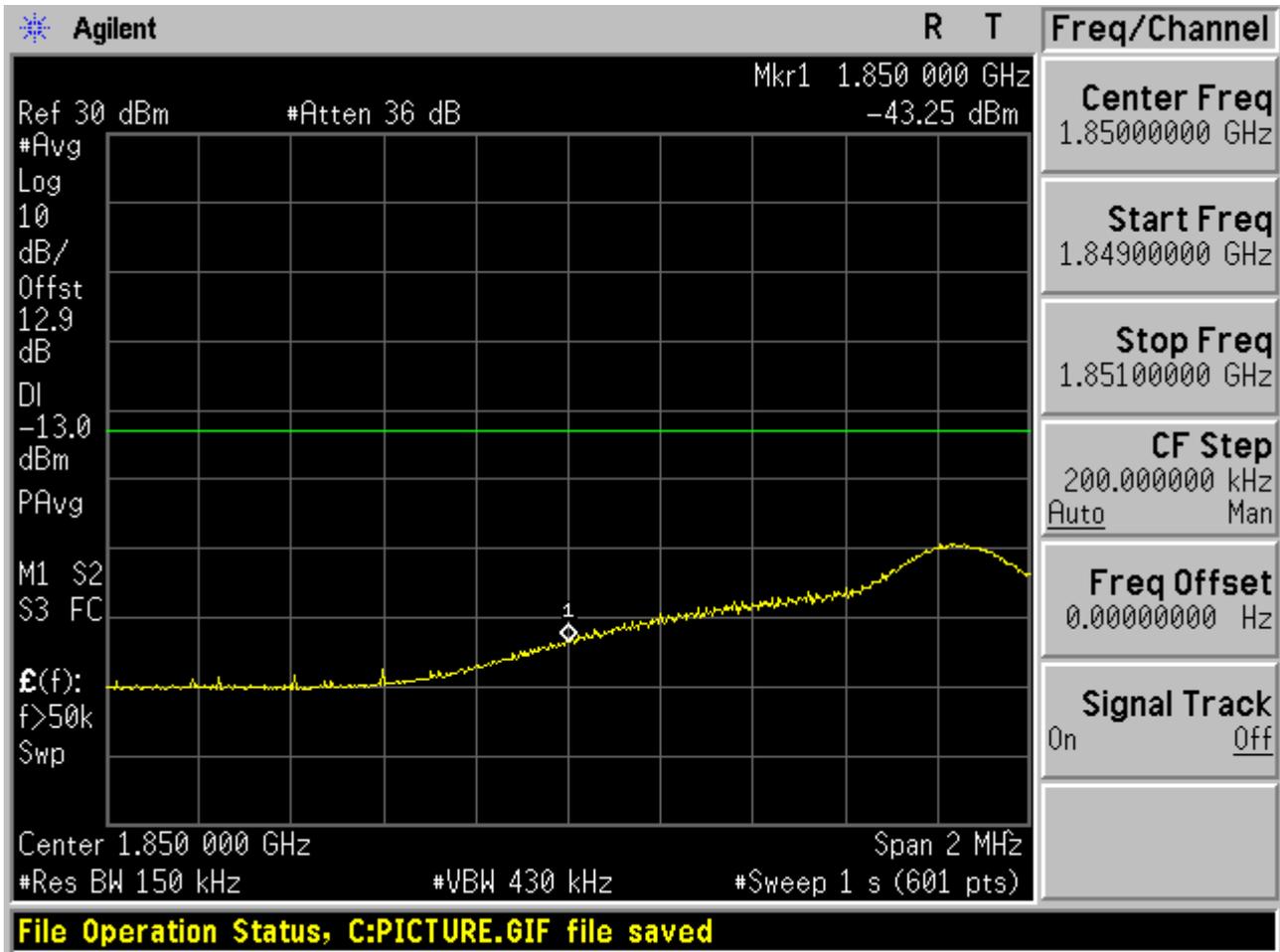
4.1.3.1 Channel= B

4.1.3.1.1 QPSK/1RB # 0



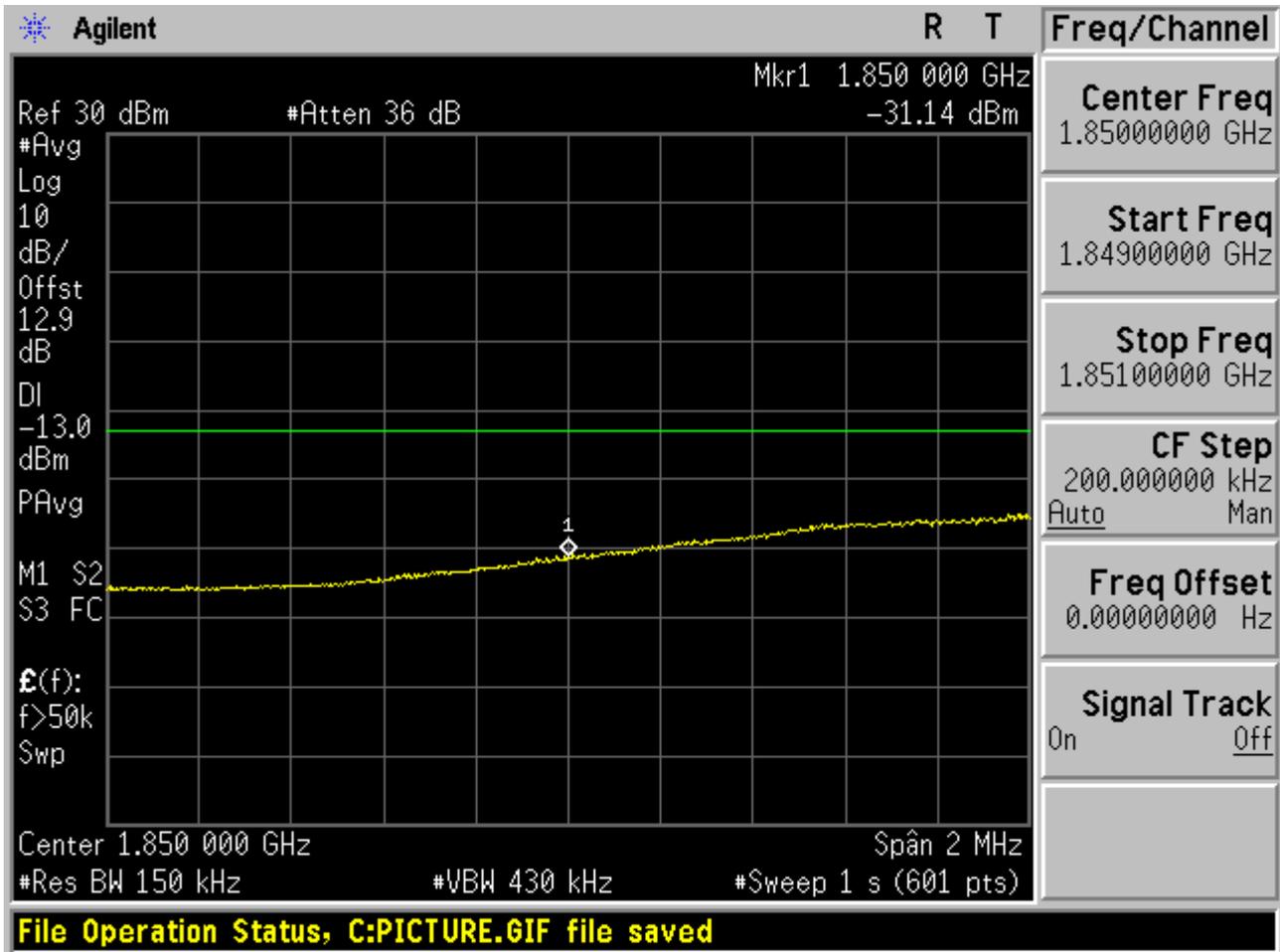


4.1.3.1.2 QPSK/1RB # max



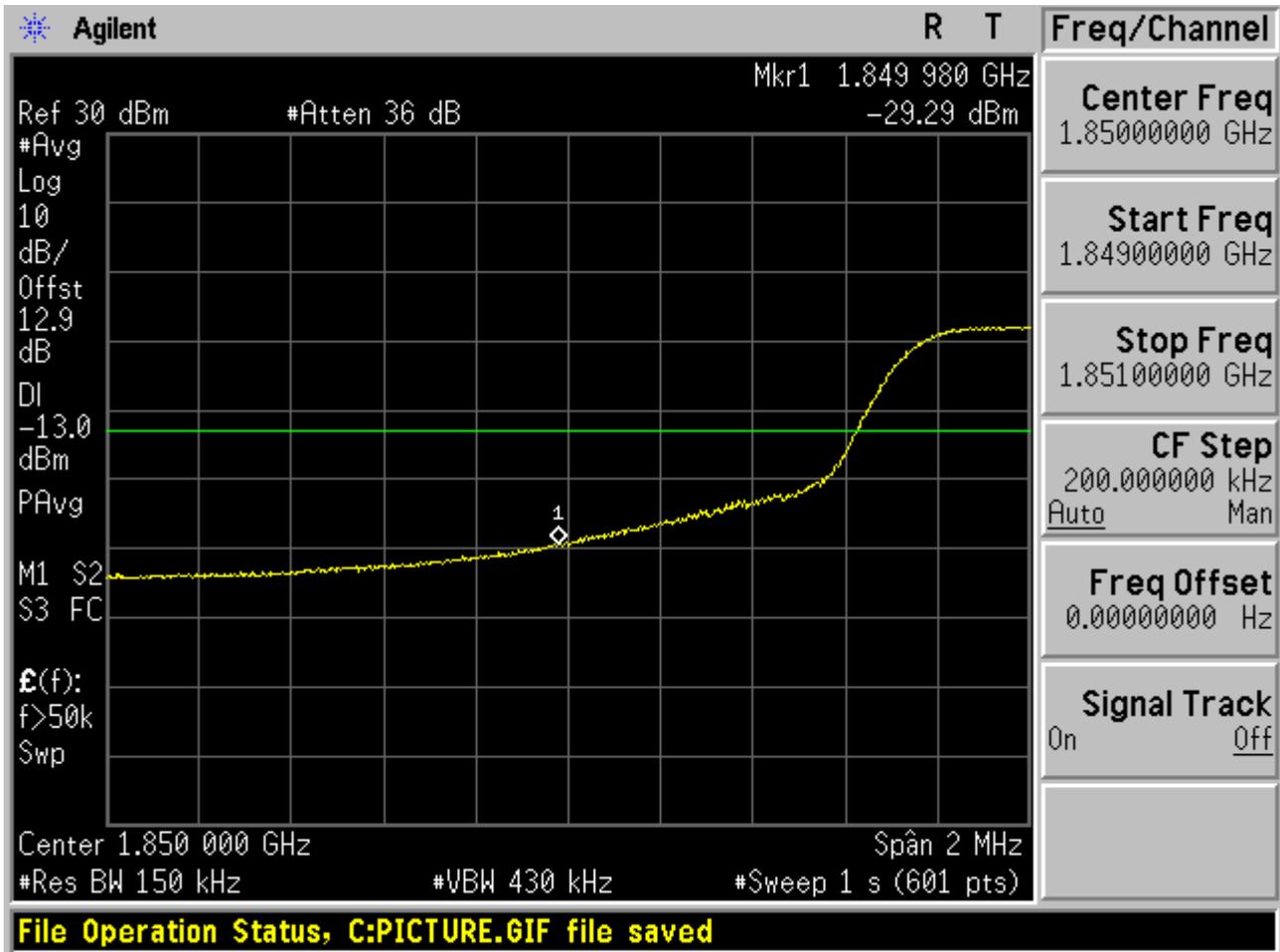


4.1.3.1.3 QPSK/non-1RB #mid/2





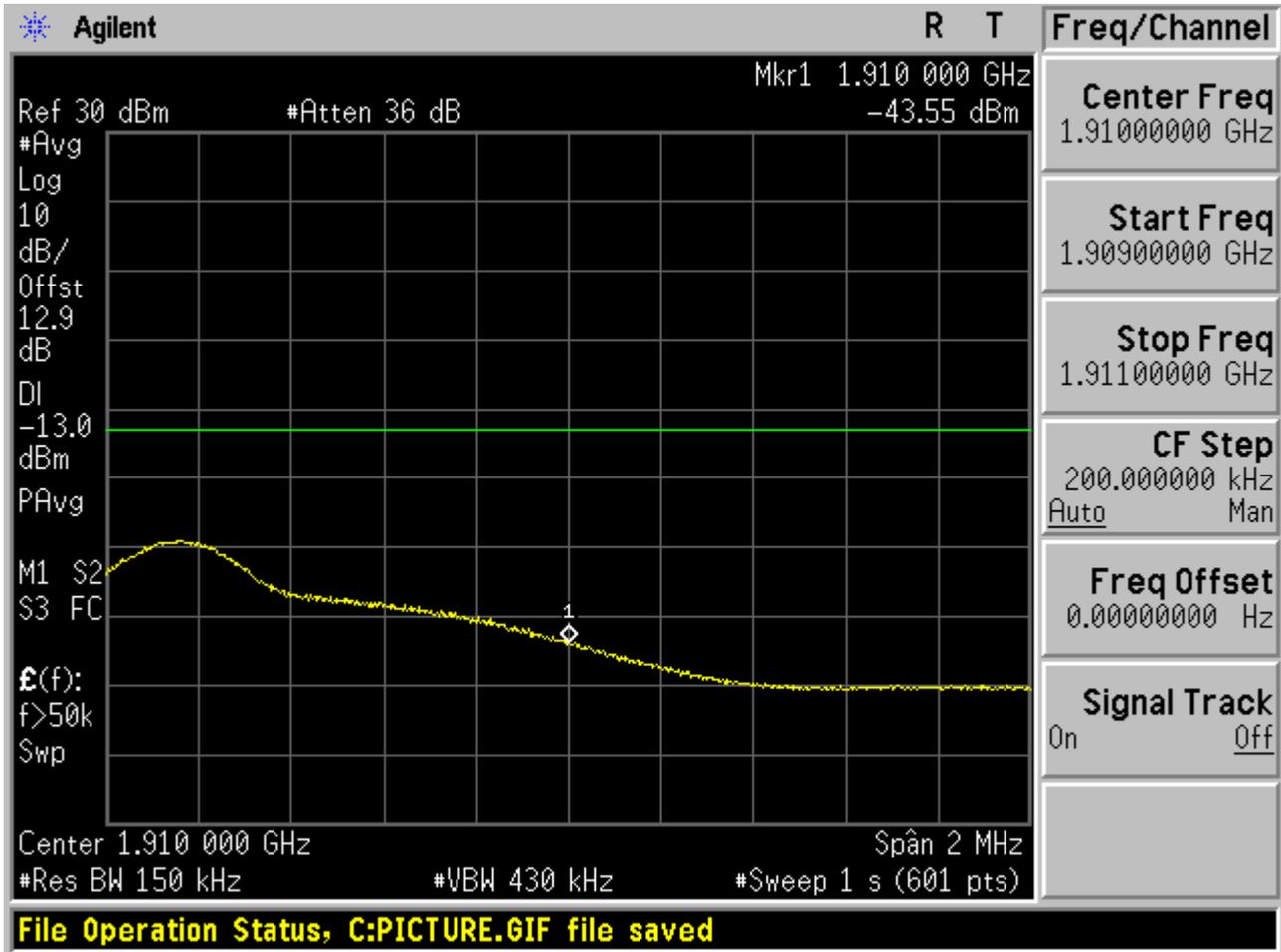
4.1.3.1.4 QPSK/full RBs





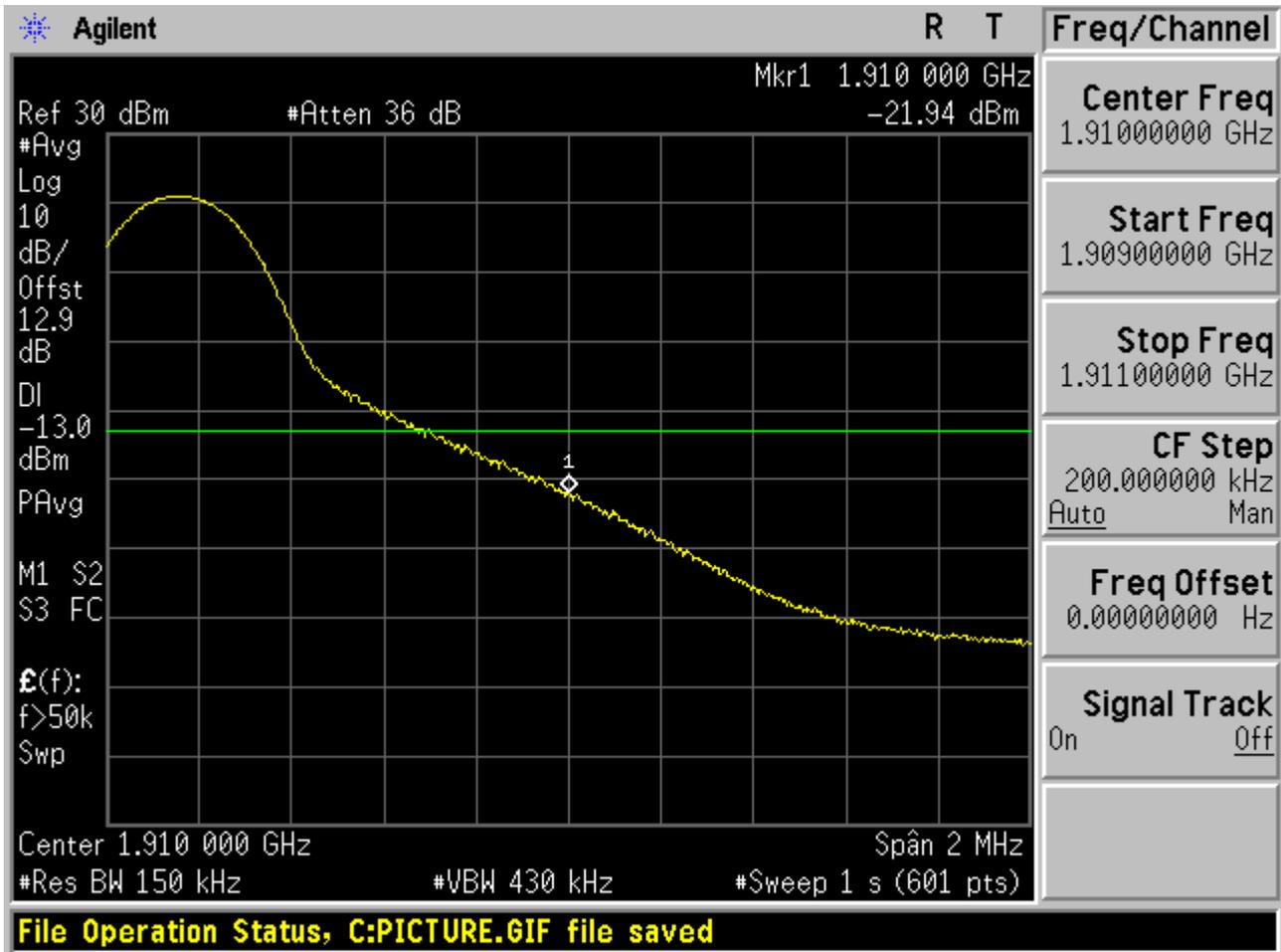
4.1.3.2 Channel= T

4.1.3.2.1 QPSK/1RB # 0



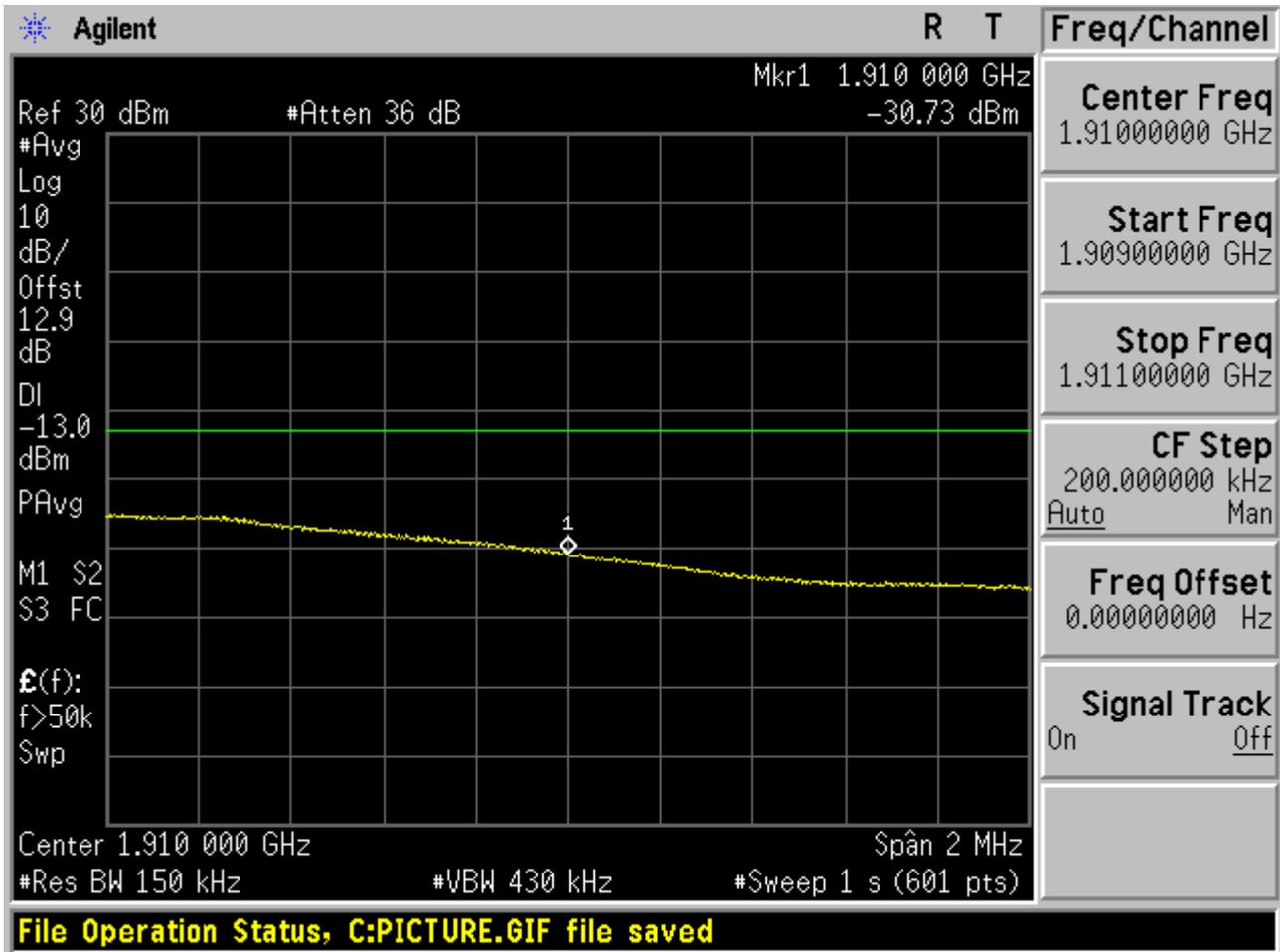


4.1.3.2.2 QPSK/1RB # max



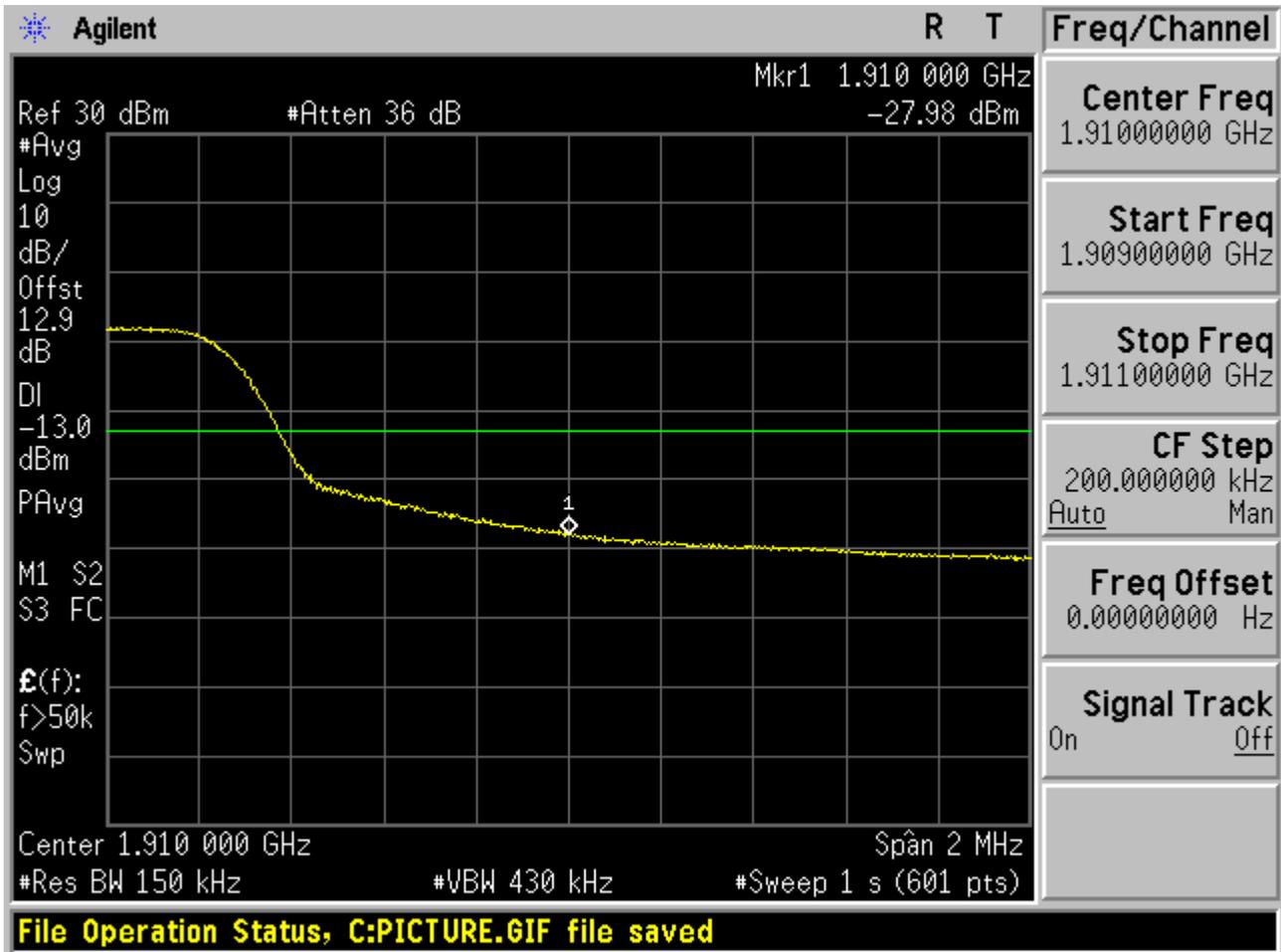


4.1.3.2.3 QPSK/non-1RB #mid/2





4.1.3.2.4 QPSK/full RBs

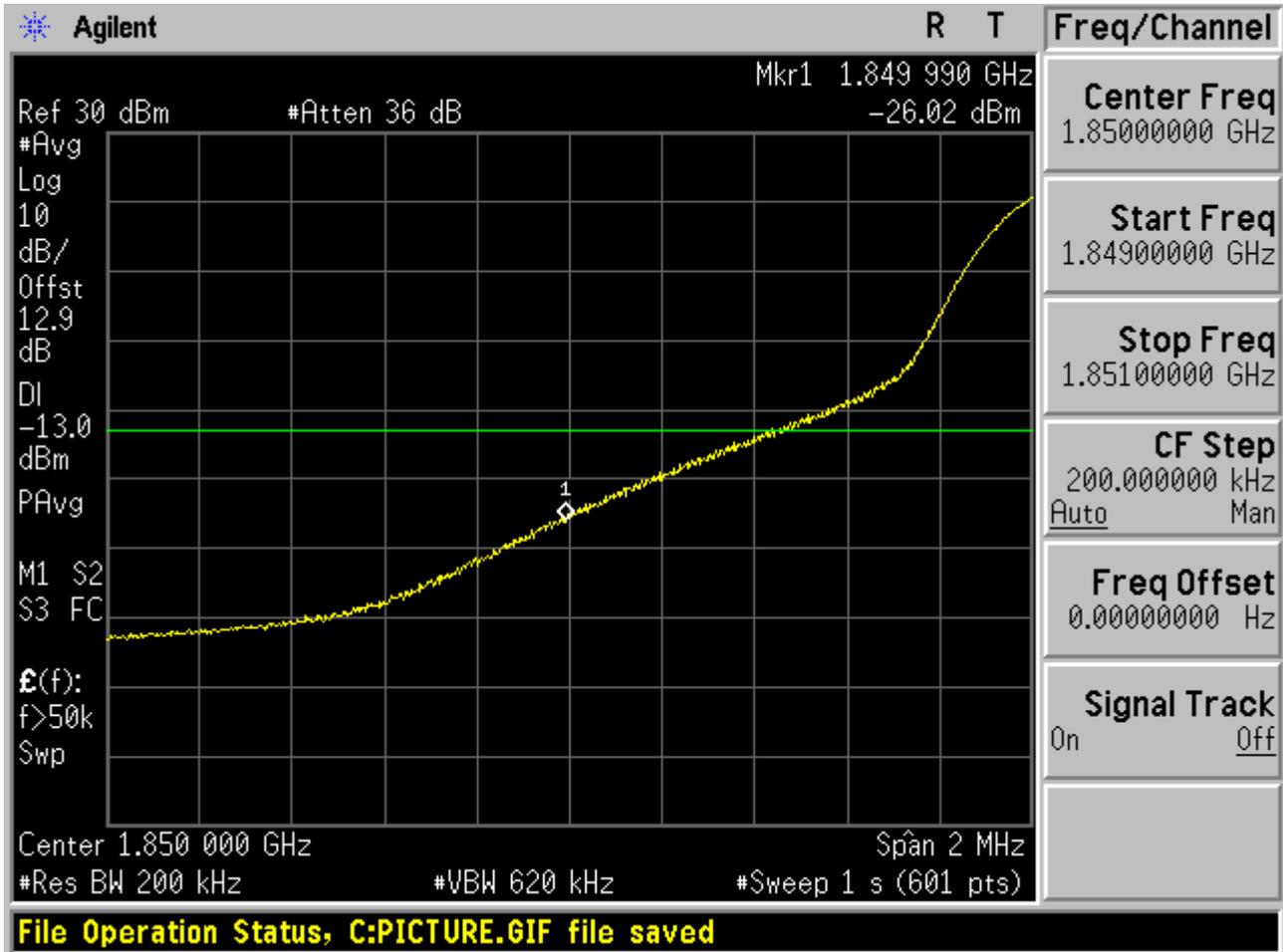




4.1.4 Channel Bandwidth = 20 MHz

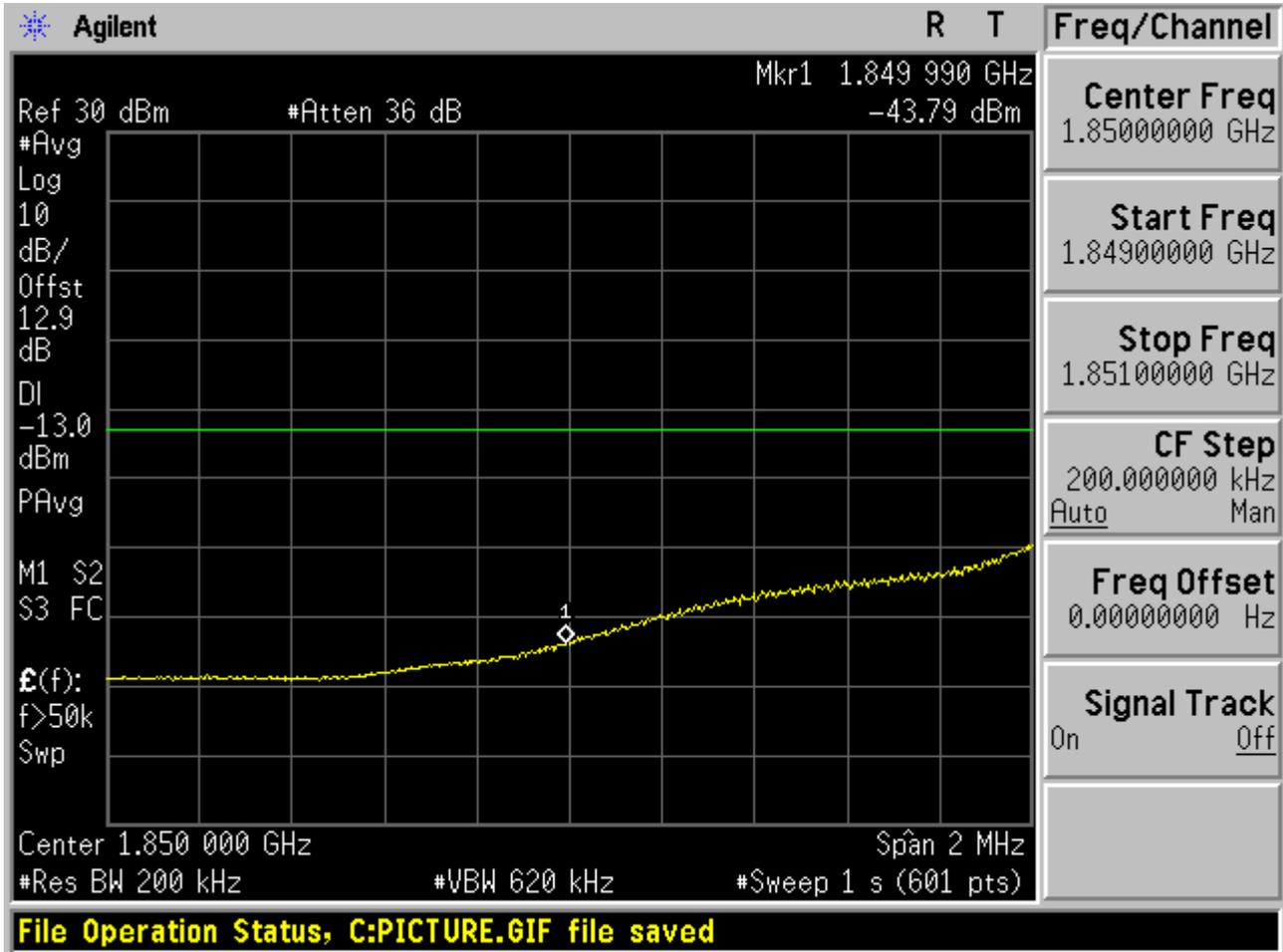
4.1.4.1 Channel= B

4.1.4.1.1 QPSK/1RB # 0



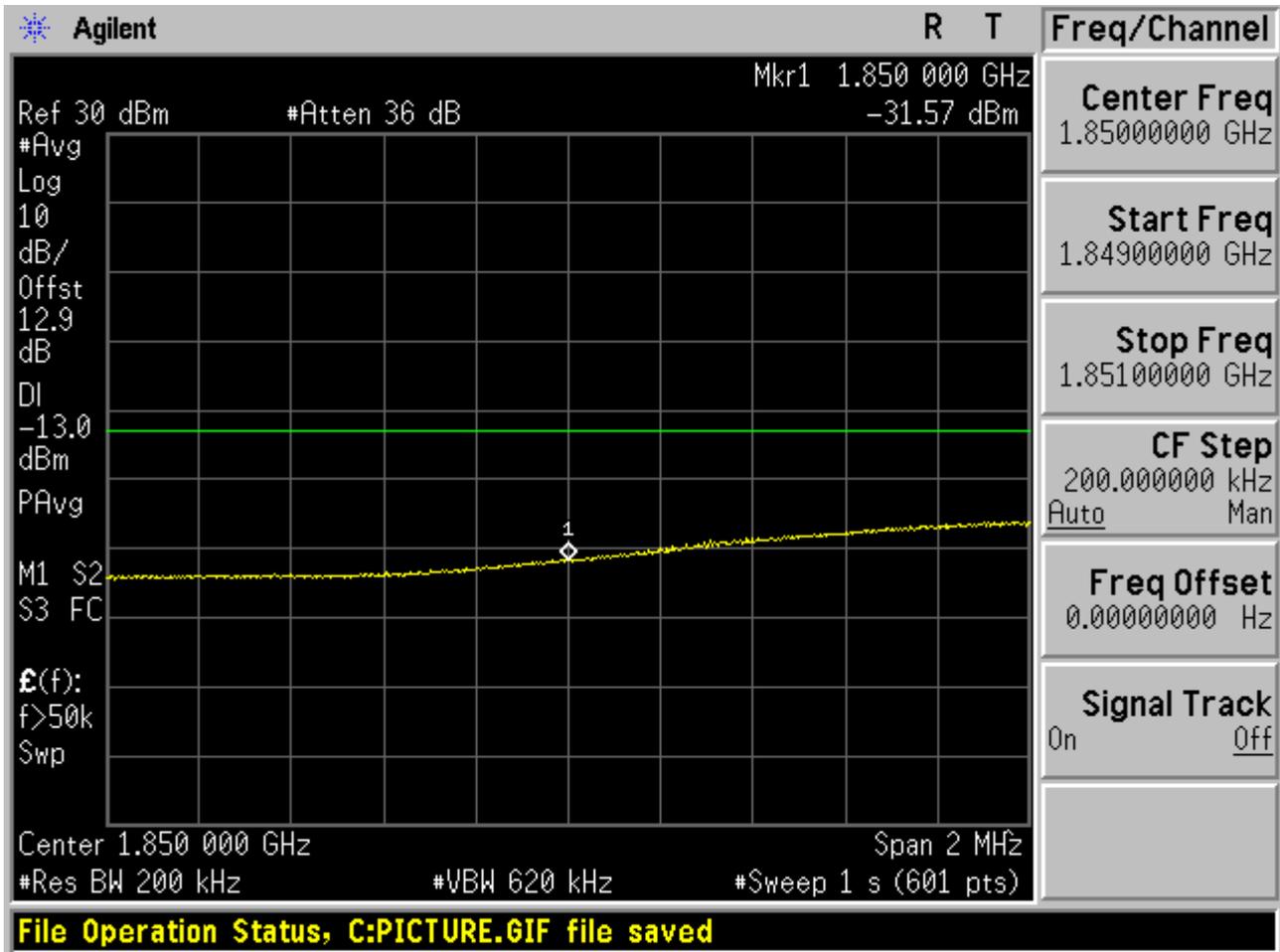


4.1.4.1.2 QPSK/1RB # max



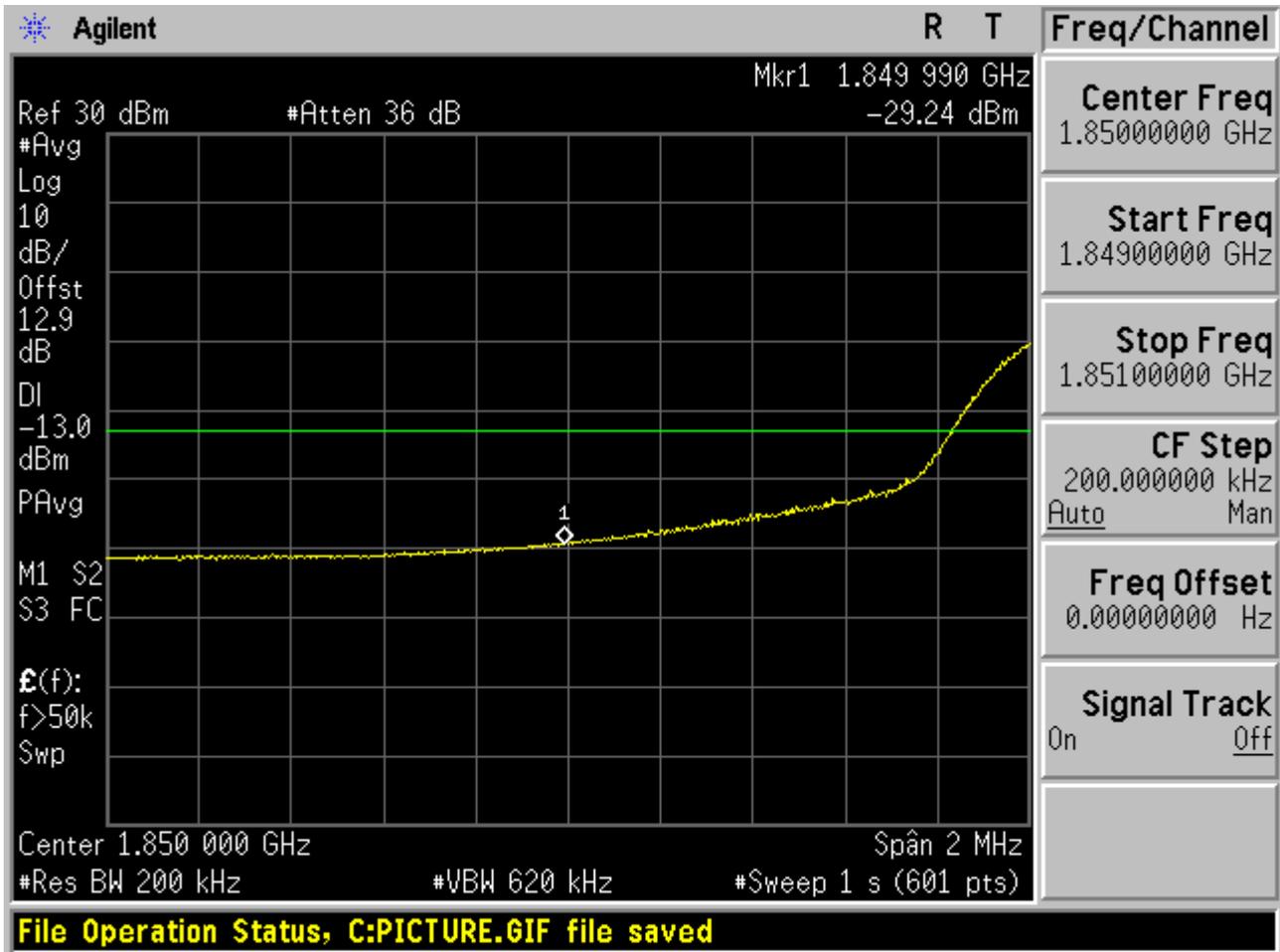


4.1.4.1.3 QPSK/non-1RB #mid/2





4.1.4.1.4 QPSK/full RBs





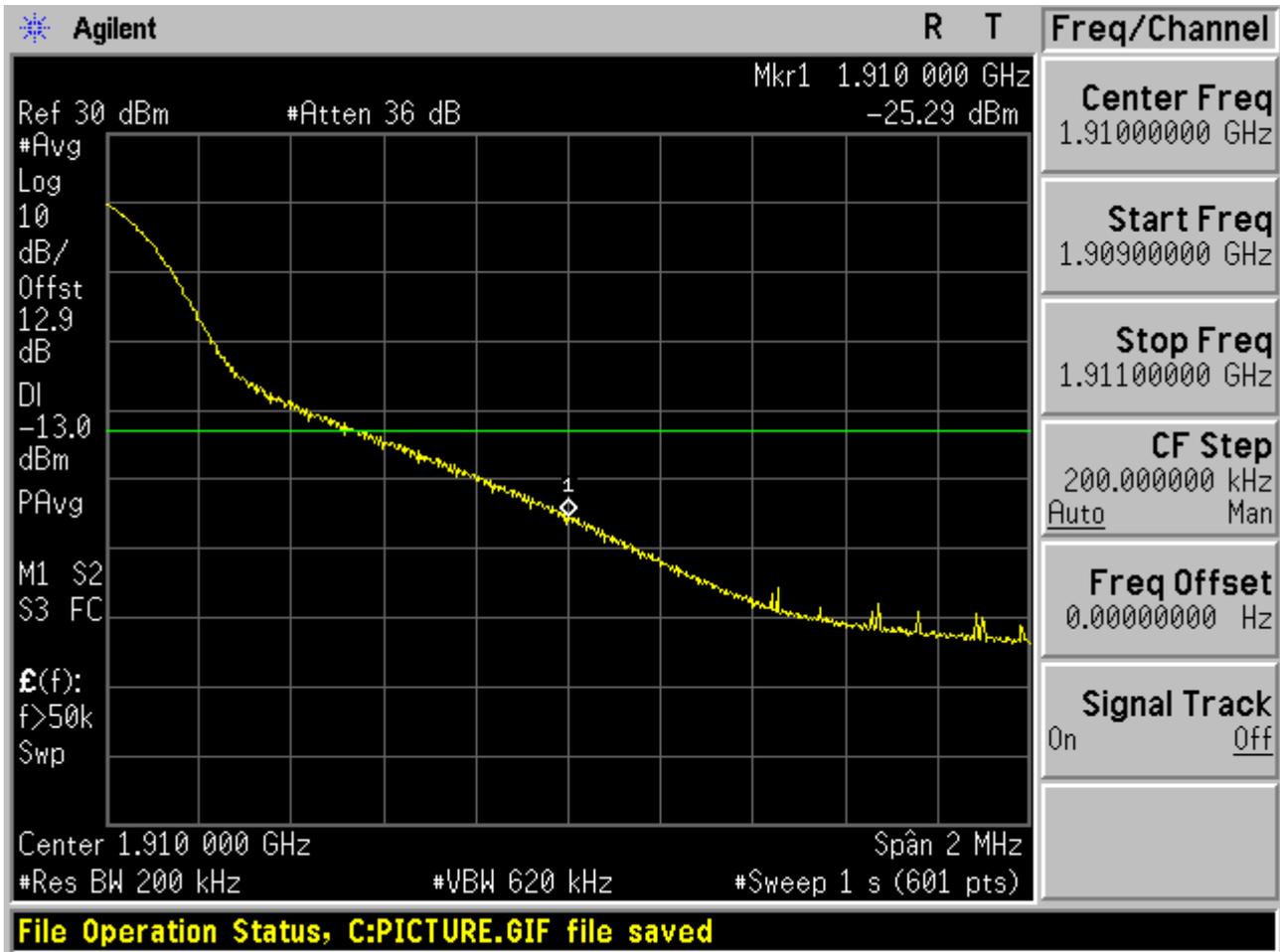
4.1.4.2 Channel= T

4.1.4.2.1 QPSK/1RB # 0



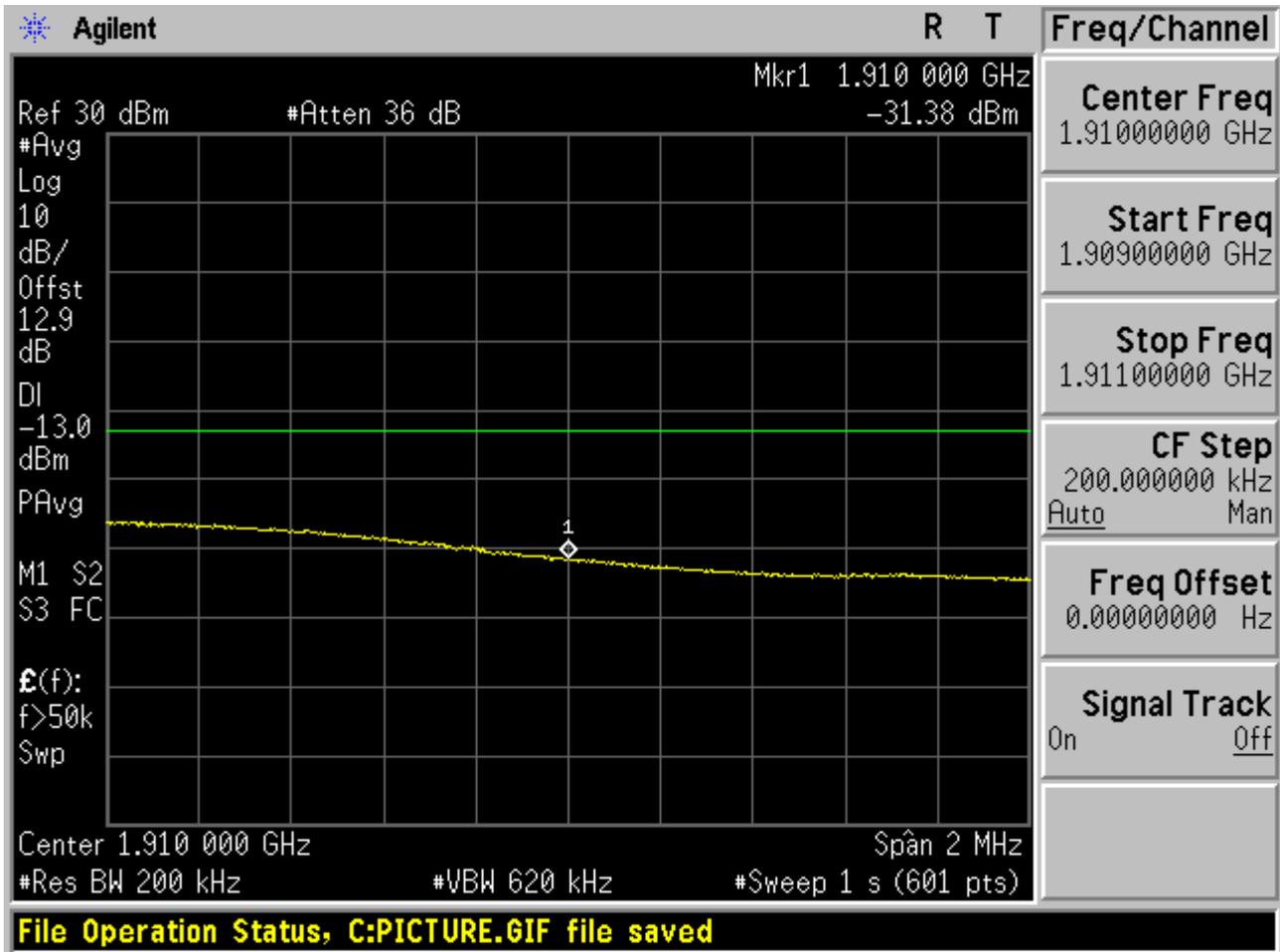


4.1.4.2.2 QPSK/1RB # max



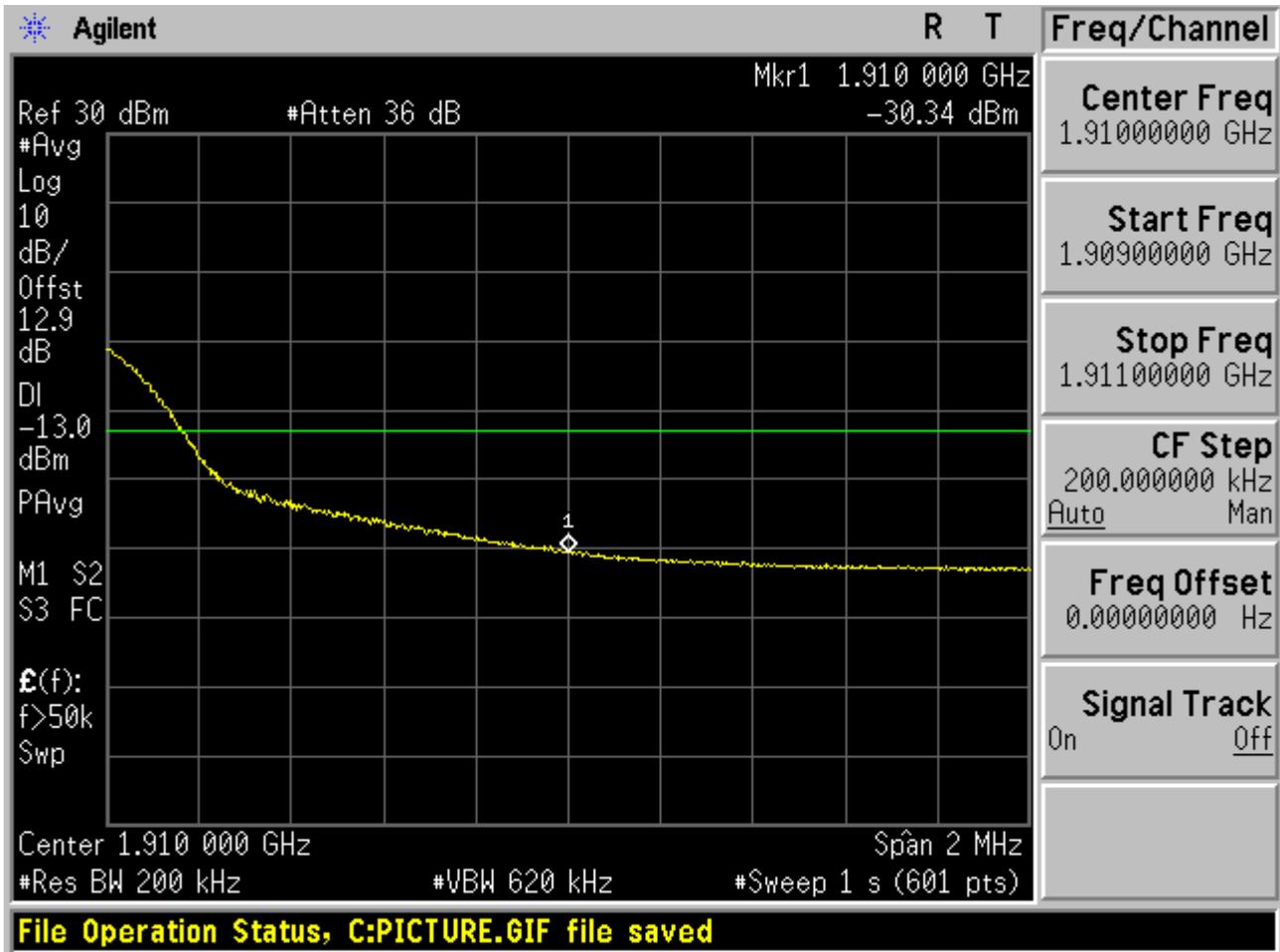


4.1.4.2.3 QPSK/non-1RB #mid/2





4.1.4.2.4 QPSK/full RBs



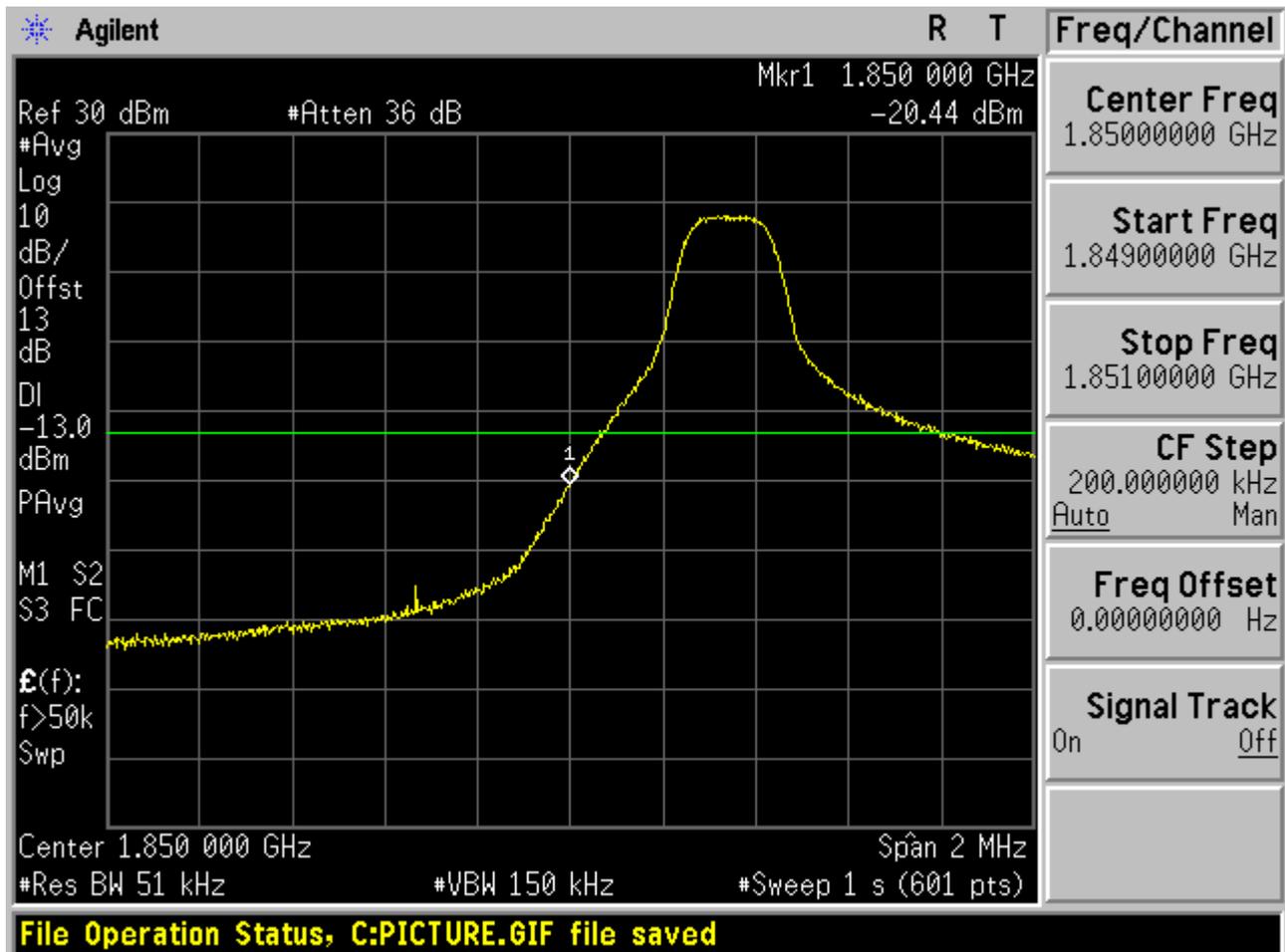


4.2 Test Mode=TM7

4.2.1 Channel Bandwidth = 5 MHz

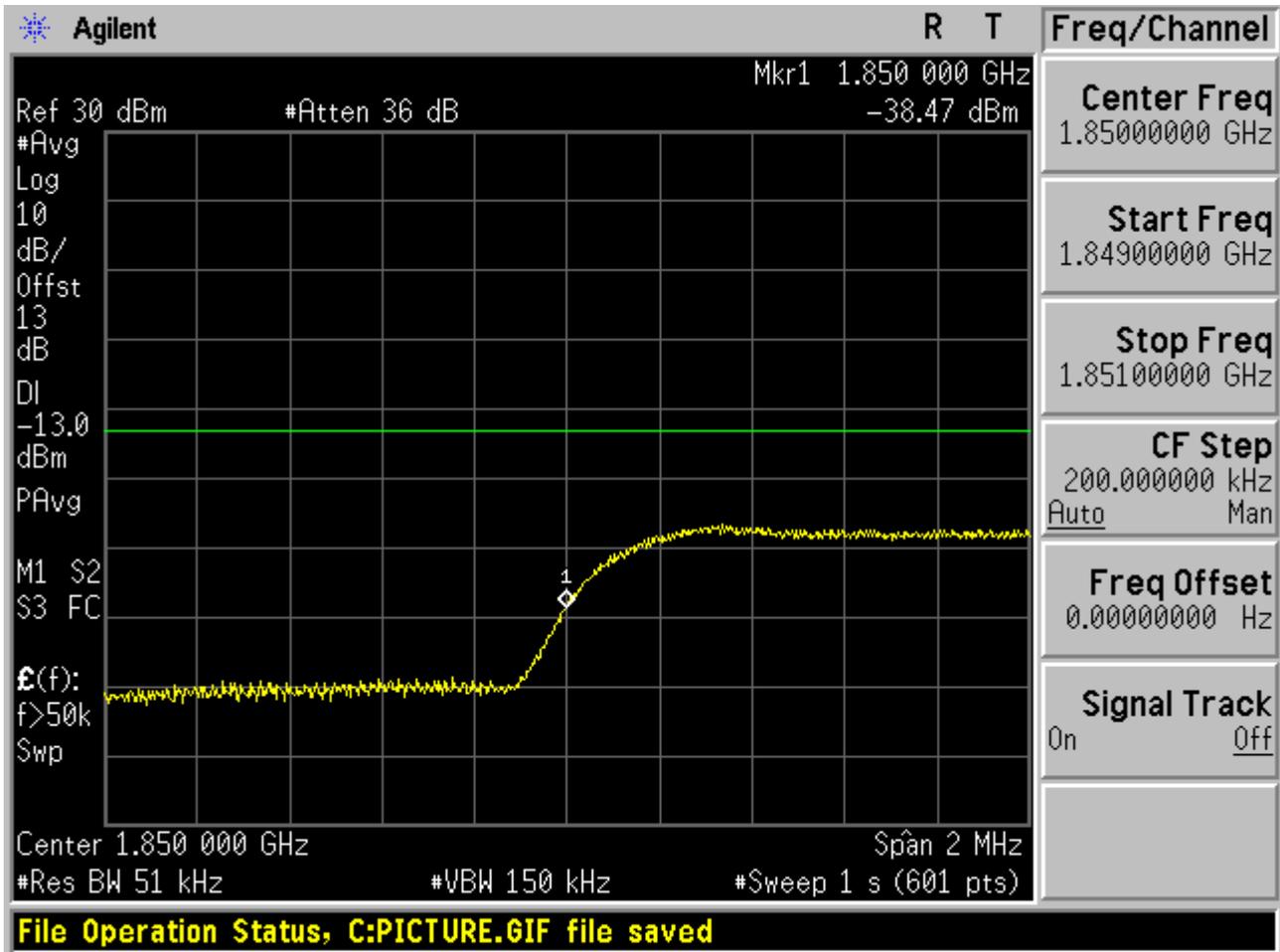
4.2.1.1 Channel= B

4.2.1.1.1 16QAM/1RB #0



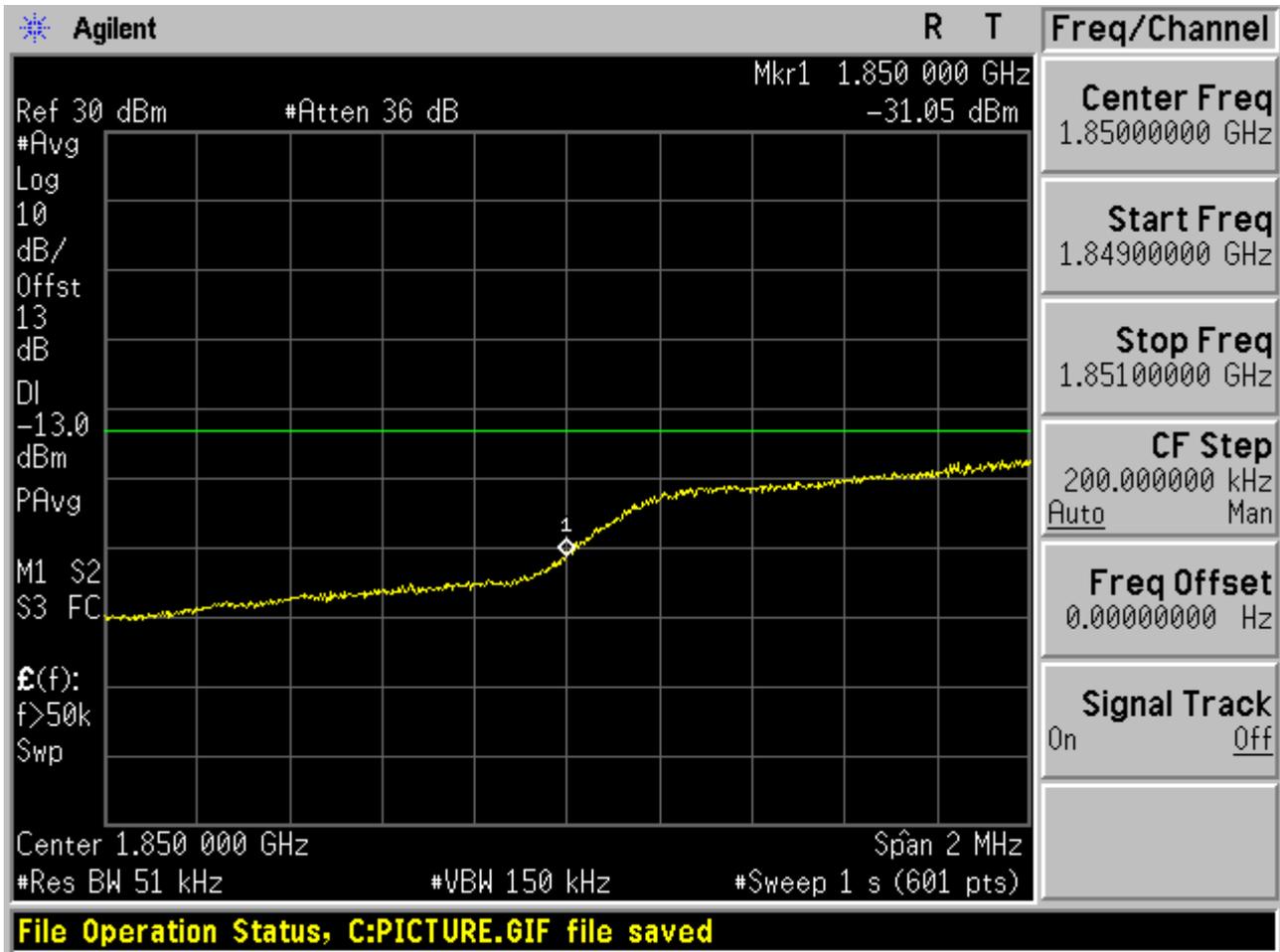


4.2.1.1.2 16QAM/1RB #max



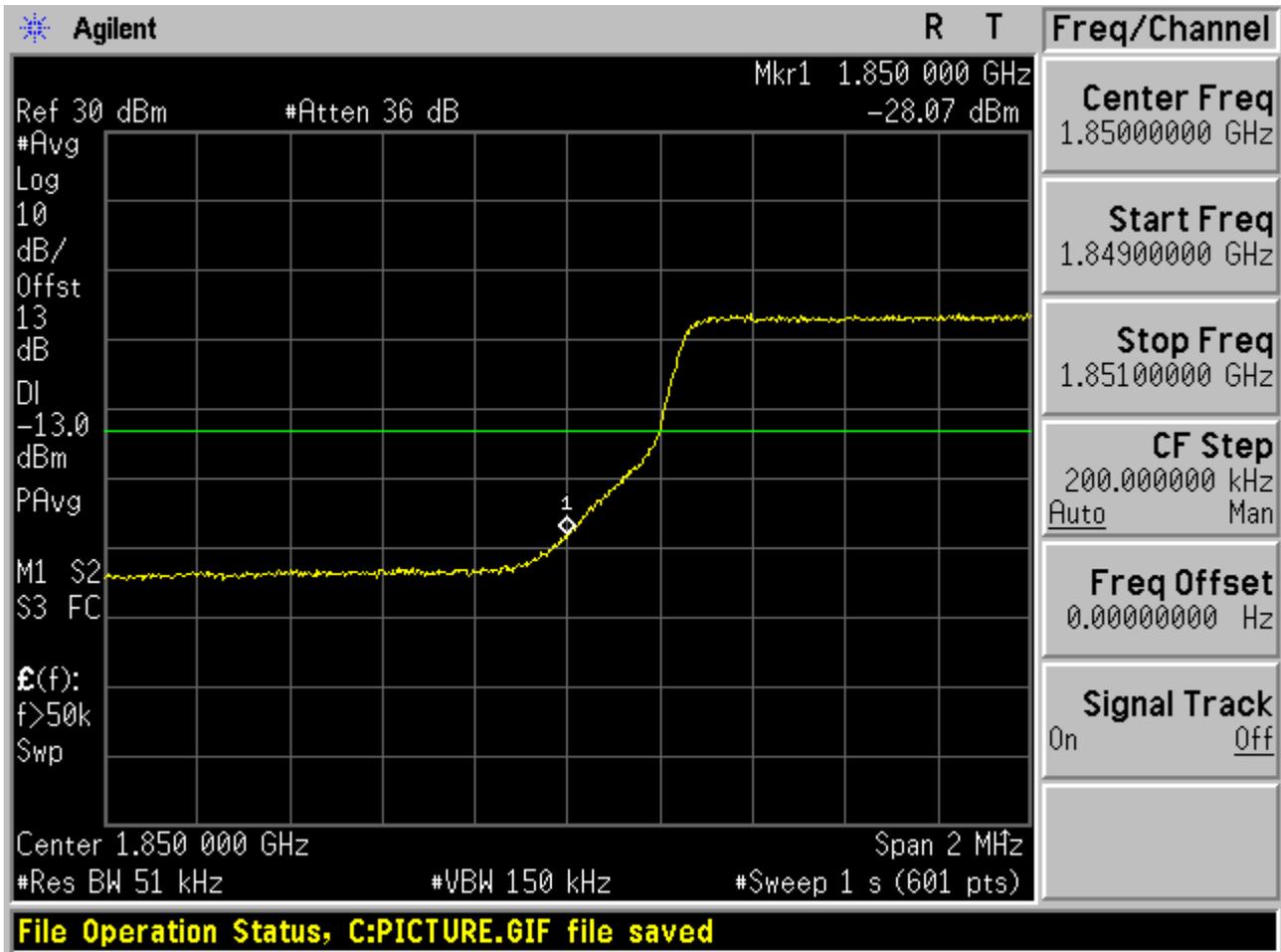


4.2.1.1.3 16QAM / non-1RB #mid/2





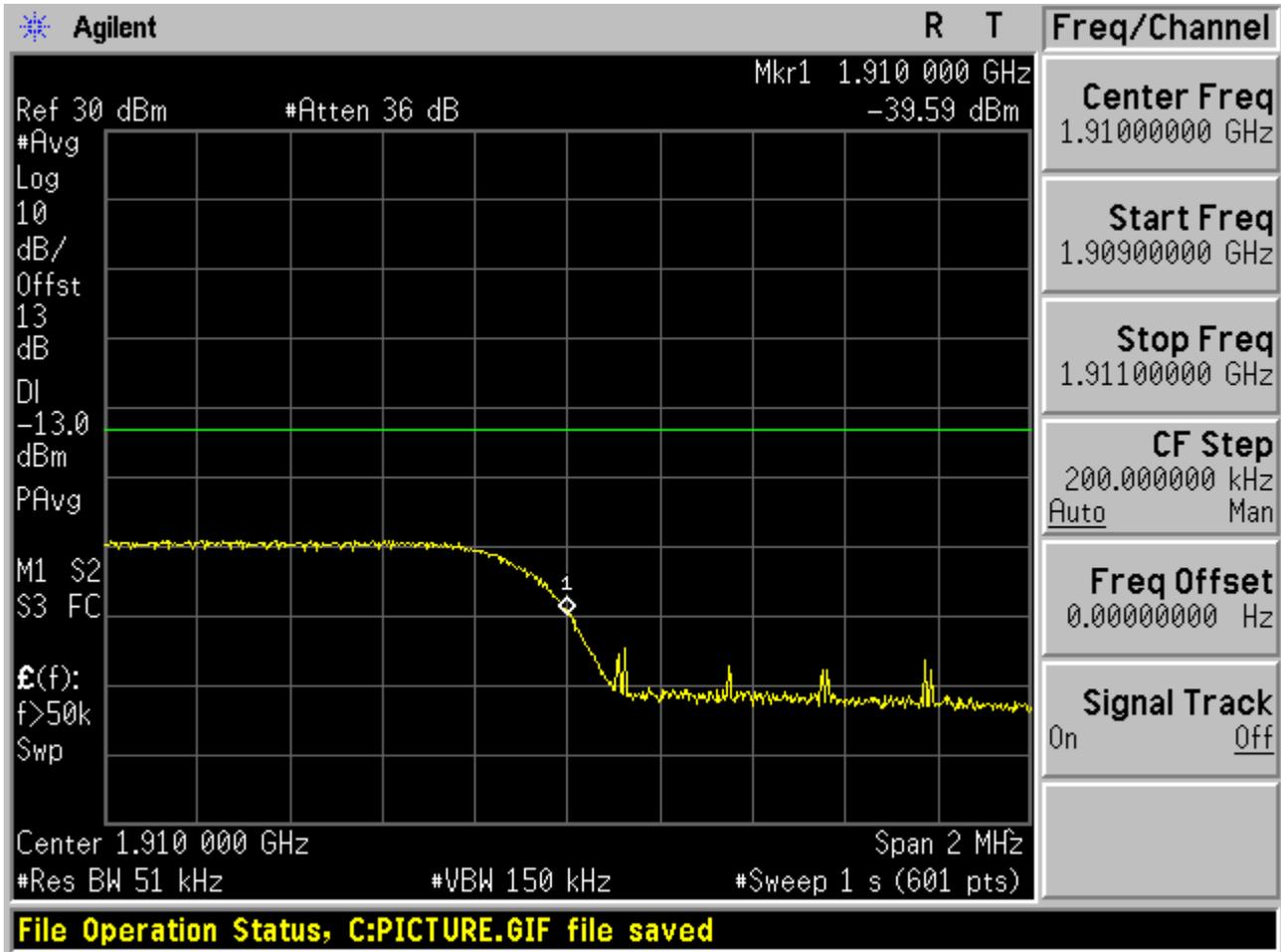
4.2.1.1.4 16QAM /full RBs





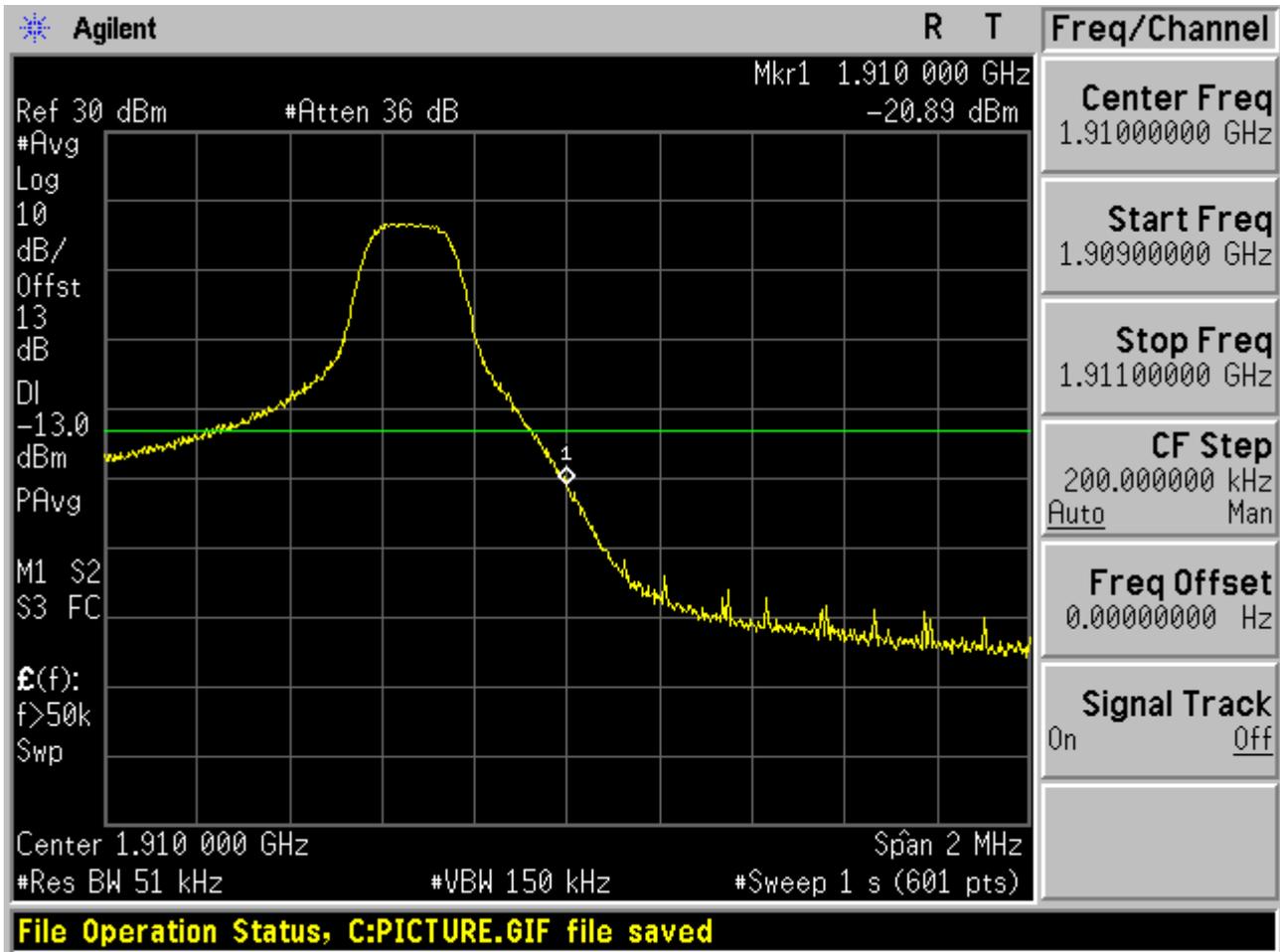
4.2.1.2 Channel= T

4.2.1.2.1 16QAM /1RB #0



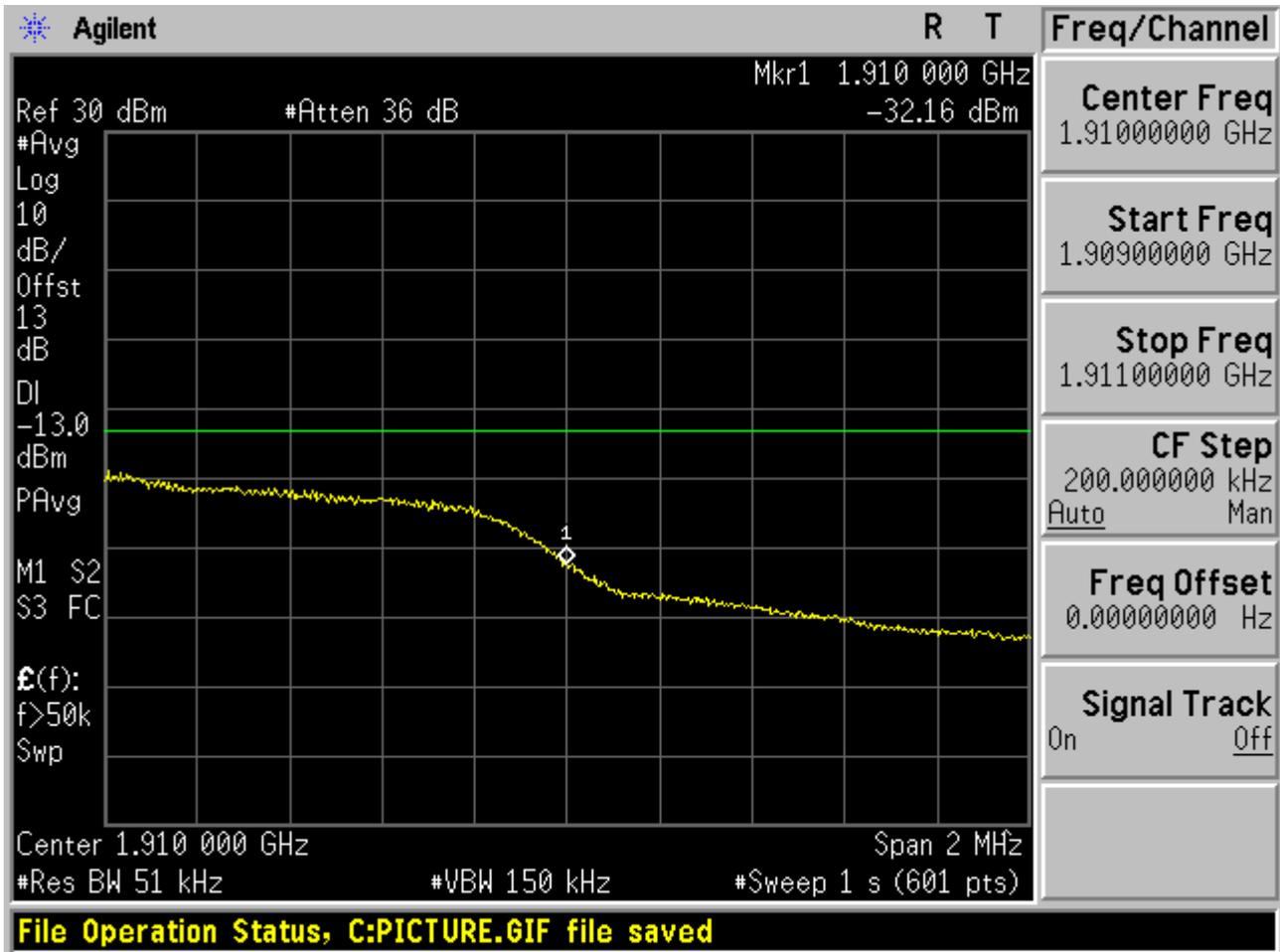


4.2.1.2.2 16QAM /1RB #max



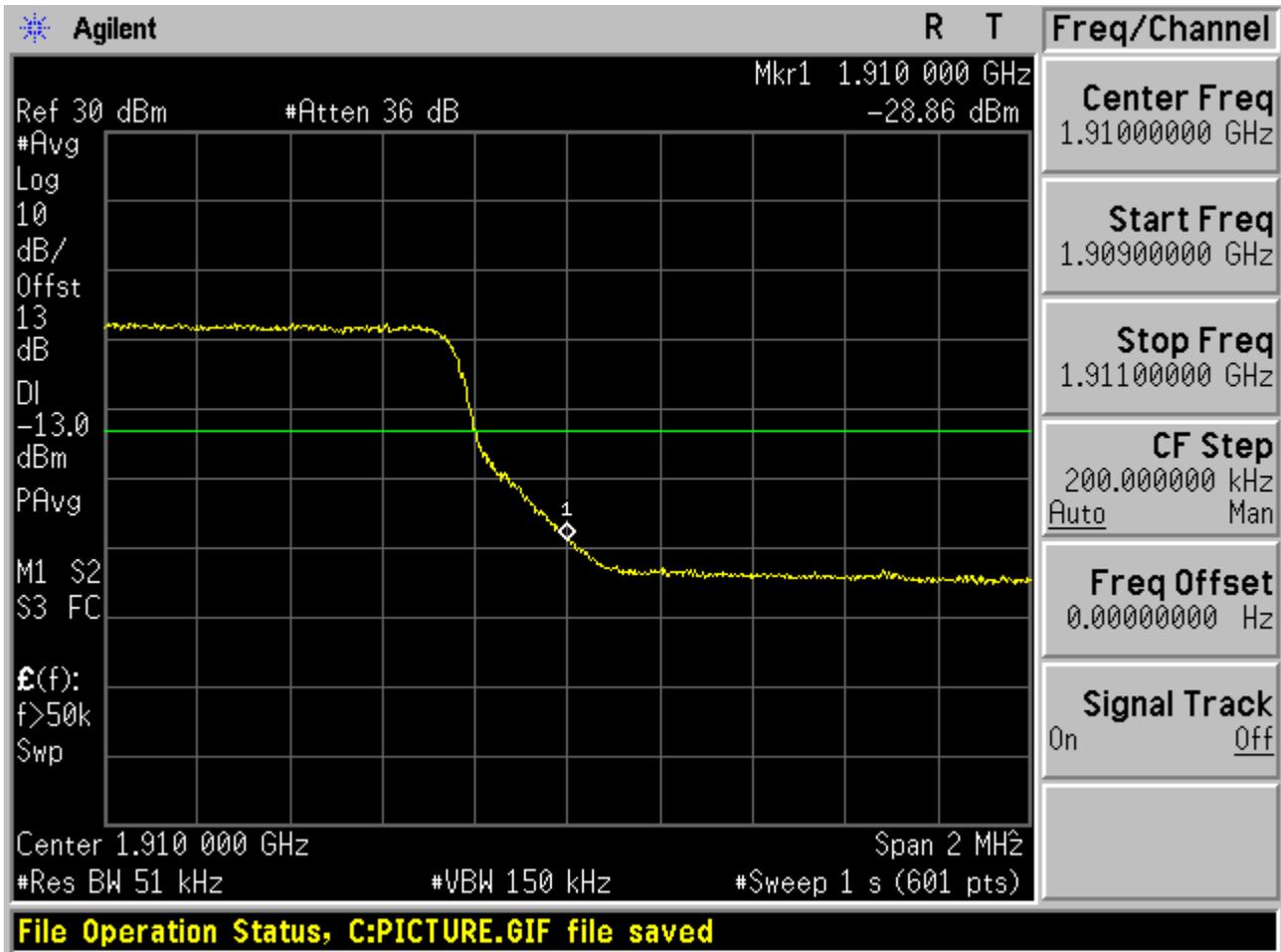


4.2.1.2.3 16QAM / non-1RB #mid/2





4.2.1.2.4 16QAM /full RBs

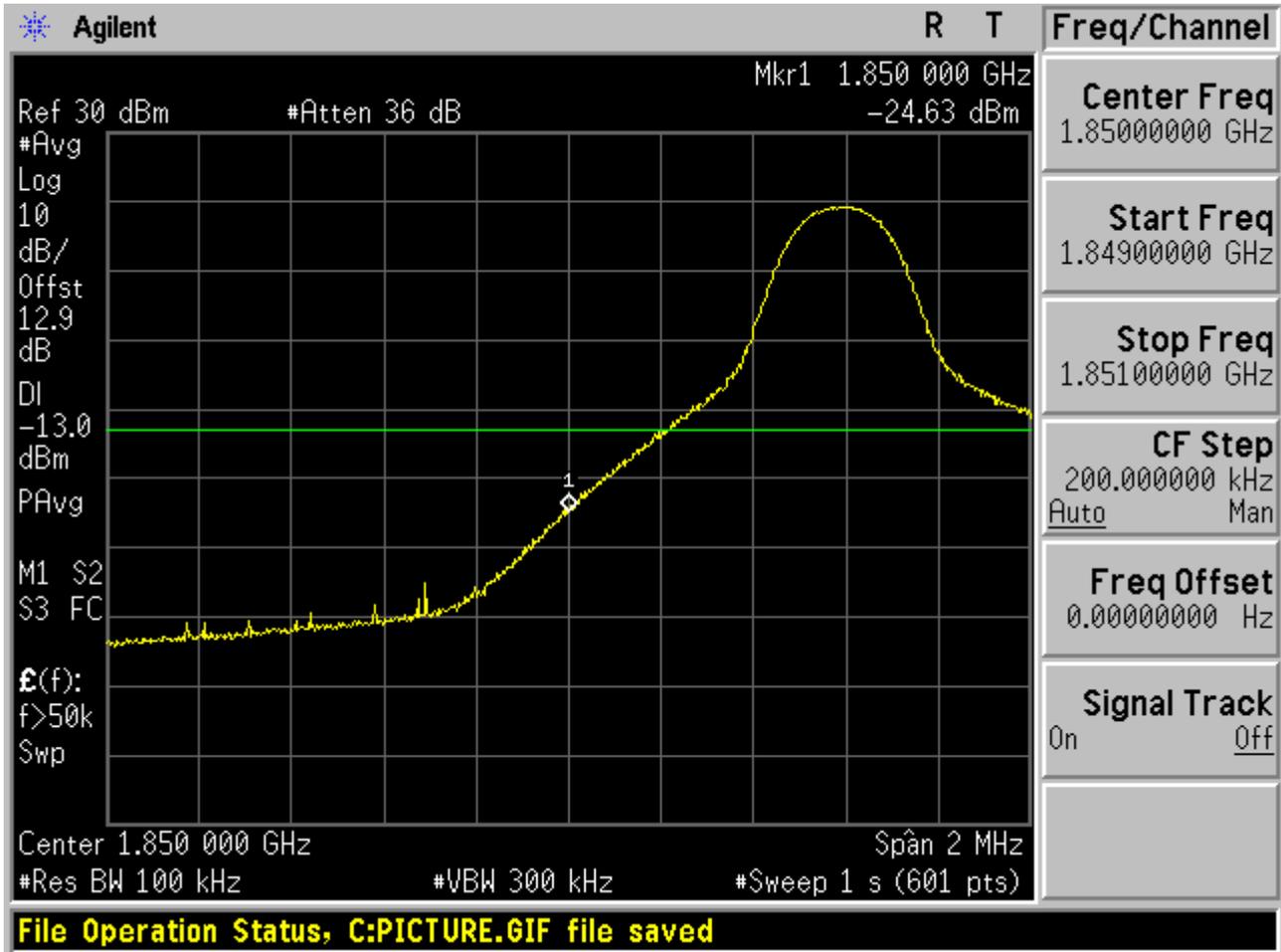




4.2.2 Channel Bandwidth = 10 MHz

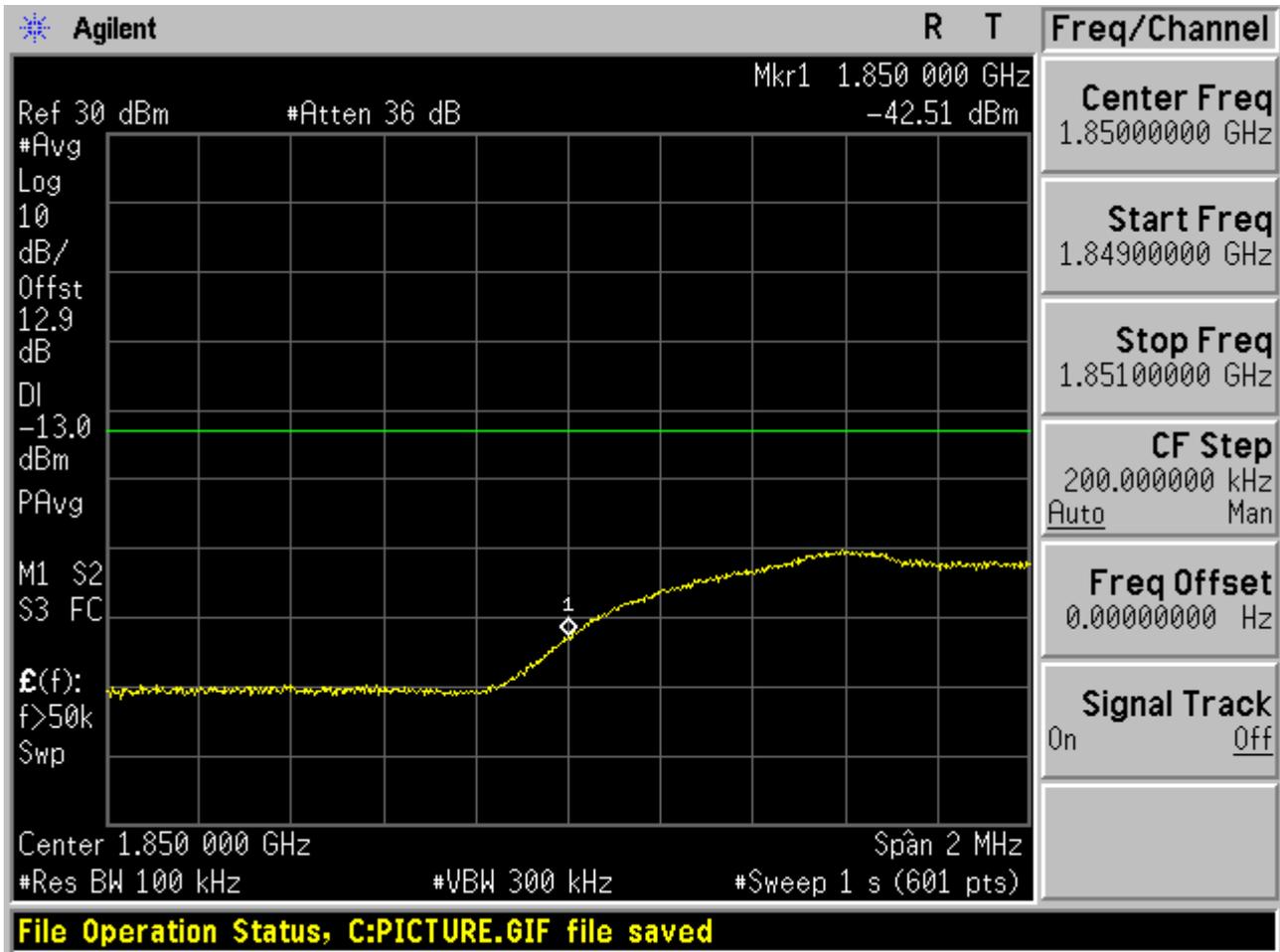
4.2.2.1 Channel= B

4.2.2.1.1 16QAM/1RB #0



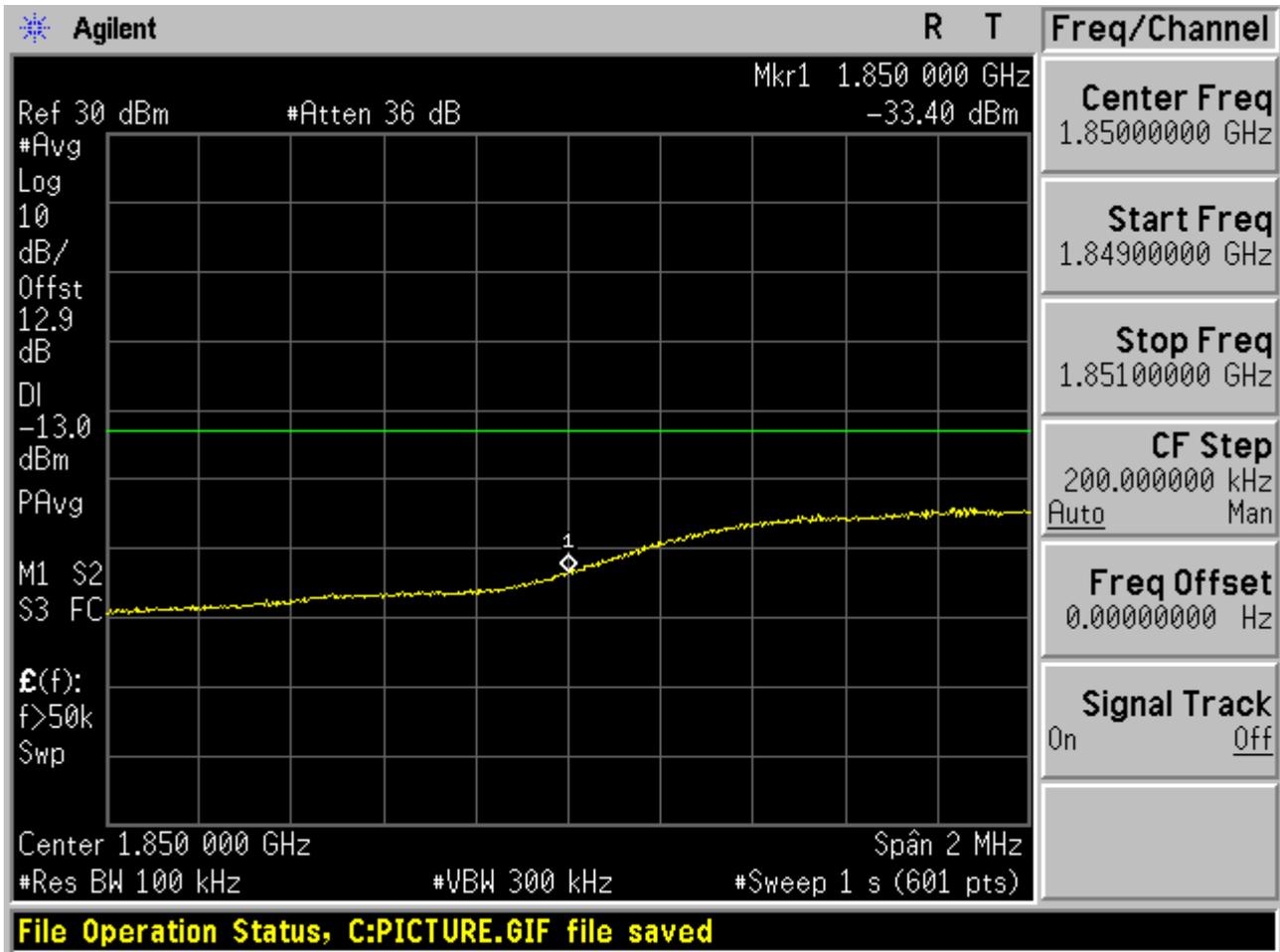


4.2.2.1.2 16QAM/1RB #max



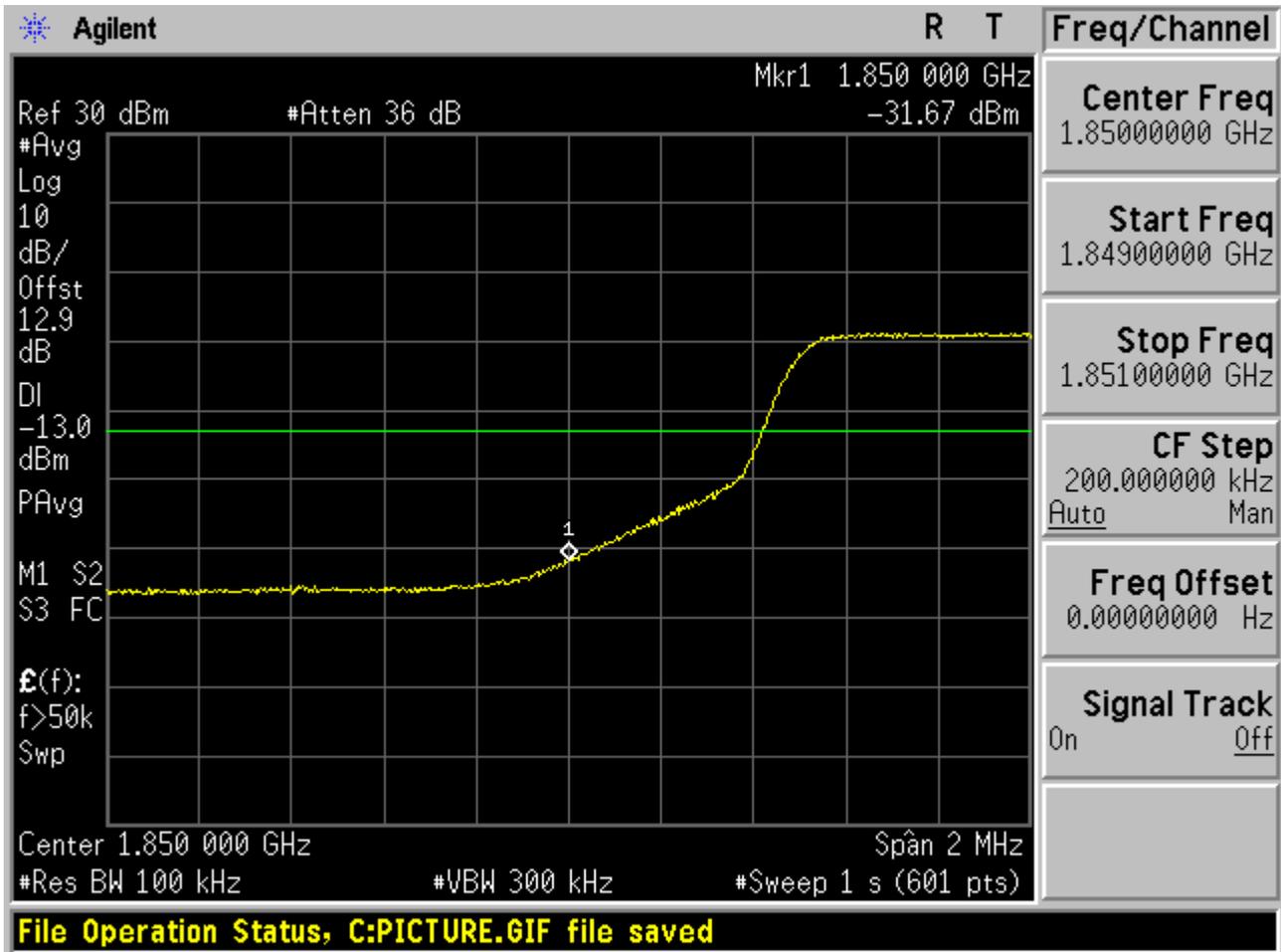


4.2.2.1.3 16QAM / non-1RB #mid/2





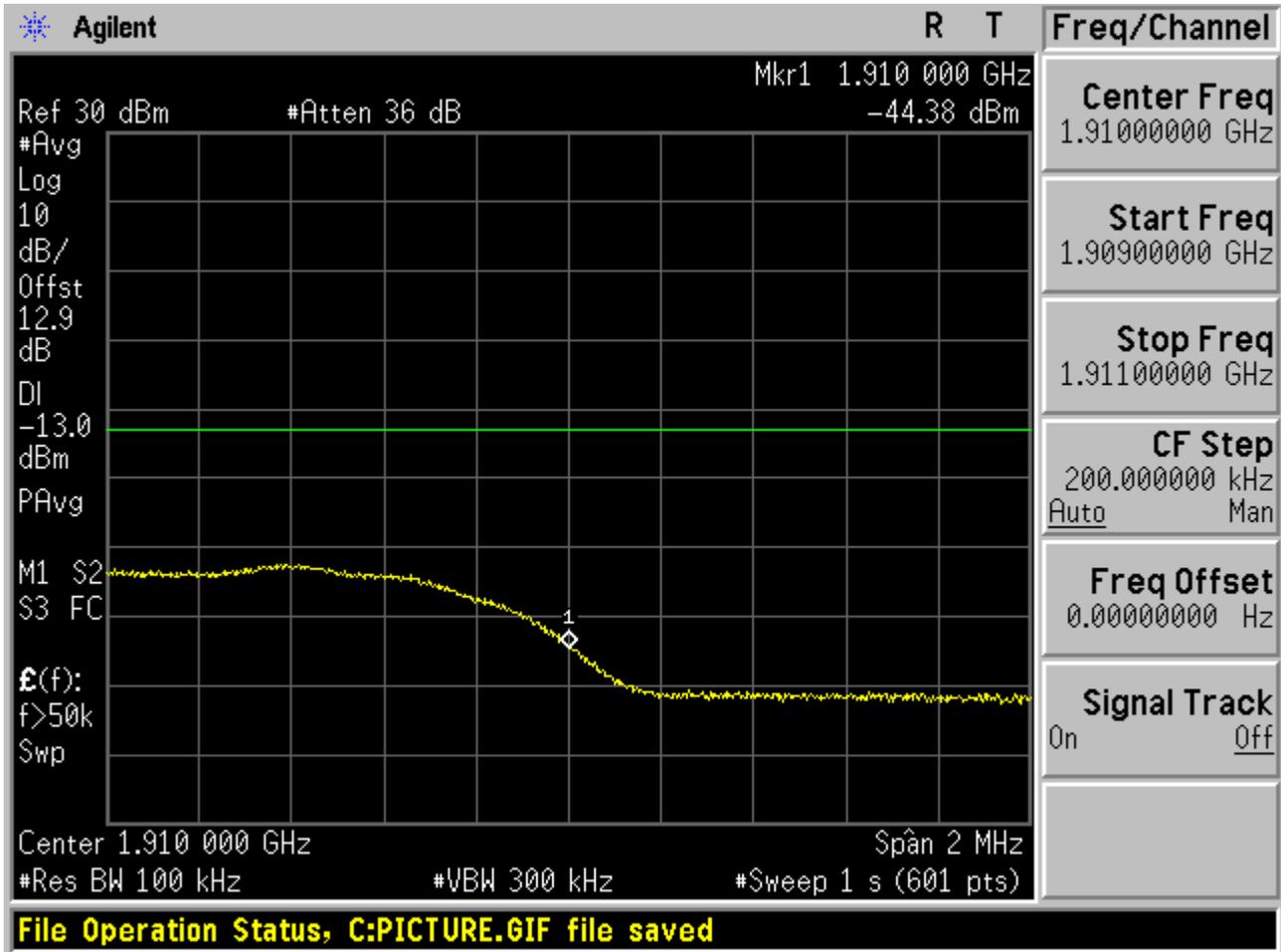
4.2.2.1.4 16QAM /full RBs





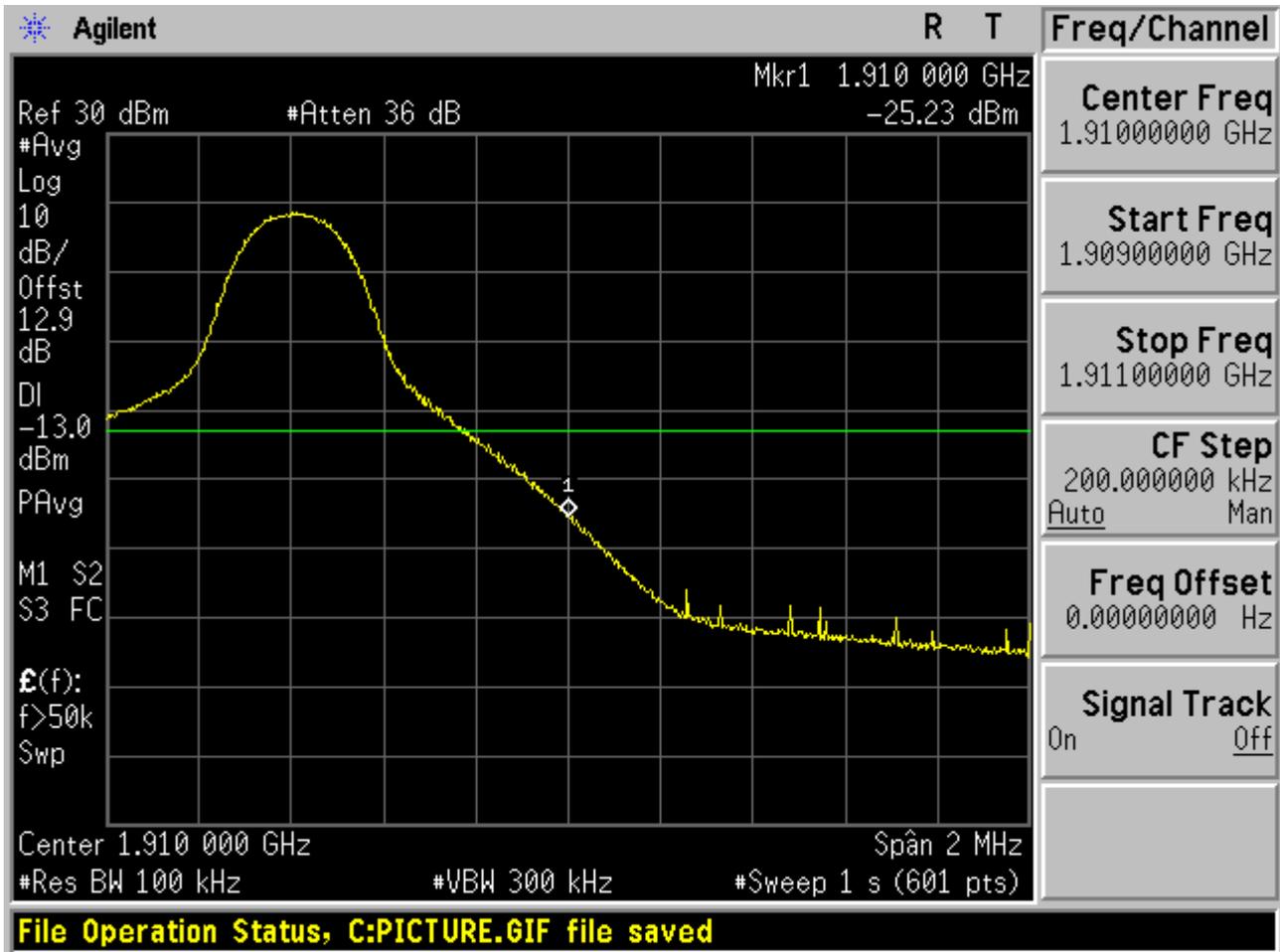
4.2.2.2 Channel= T

4.2.2.2.1 16QAM /1RB #0



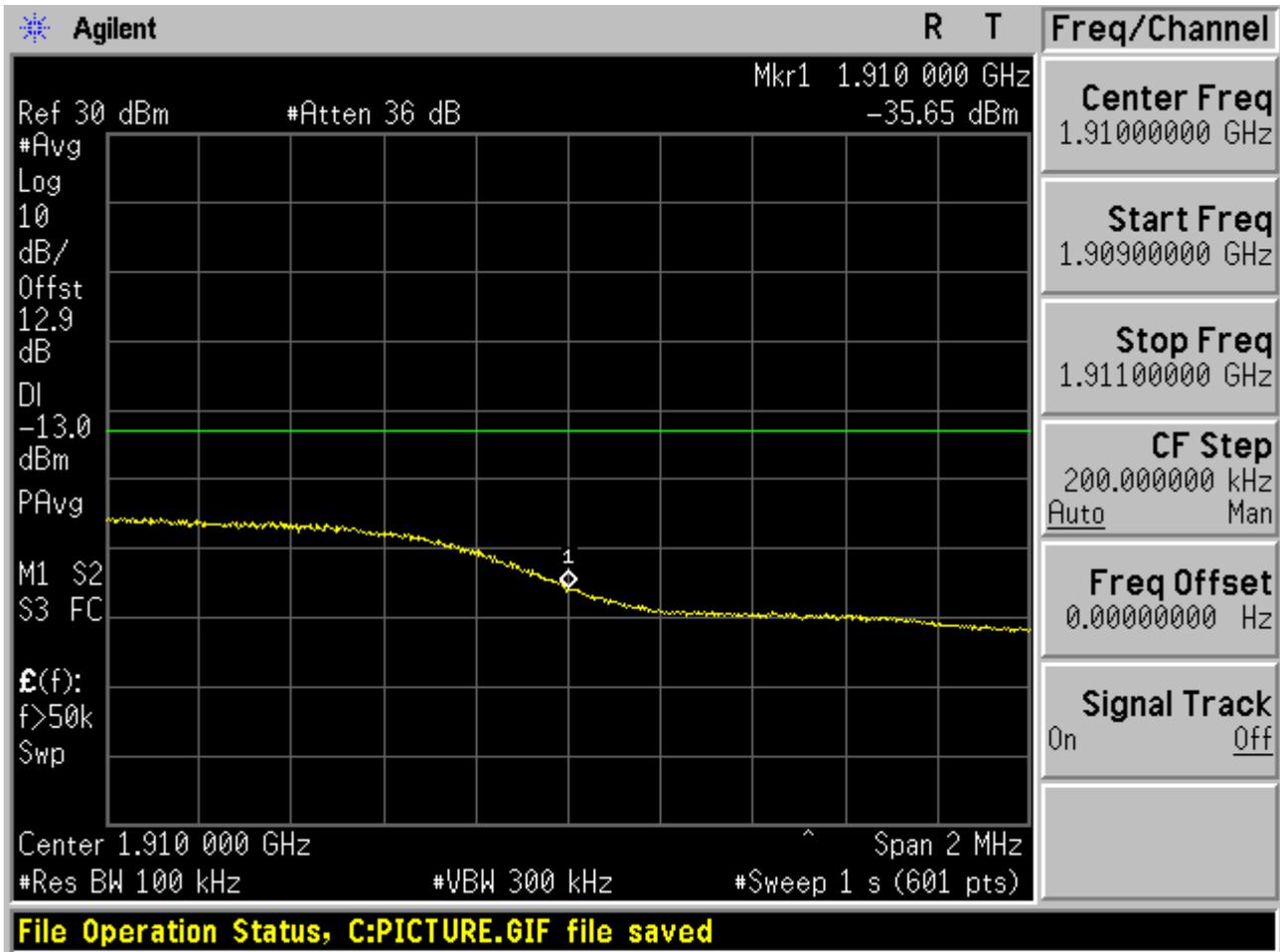


4.2.2.2.2 16QAM /1RB #max



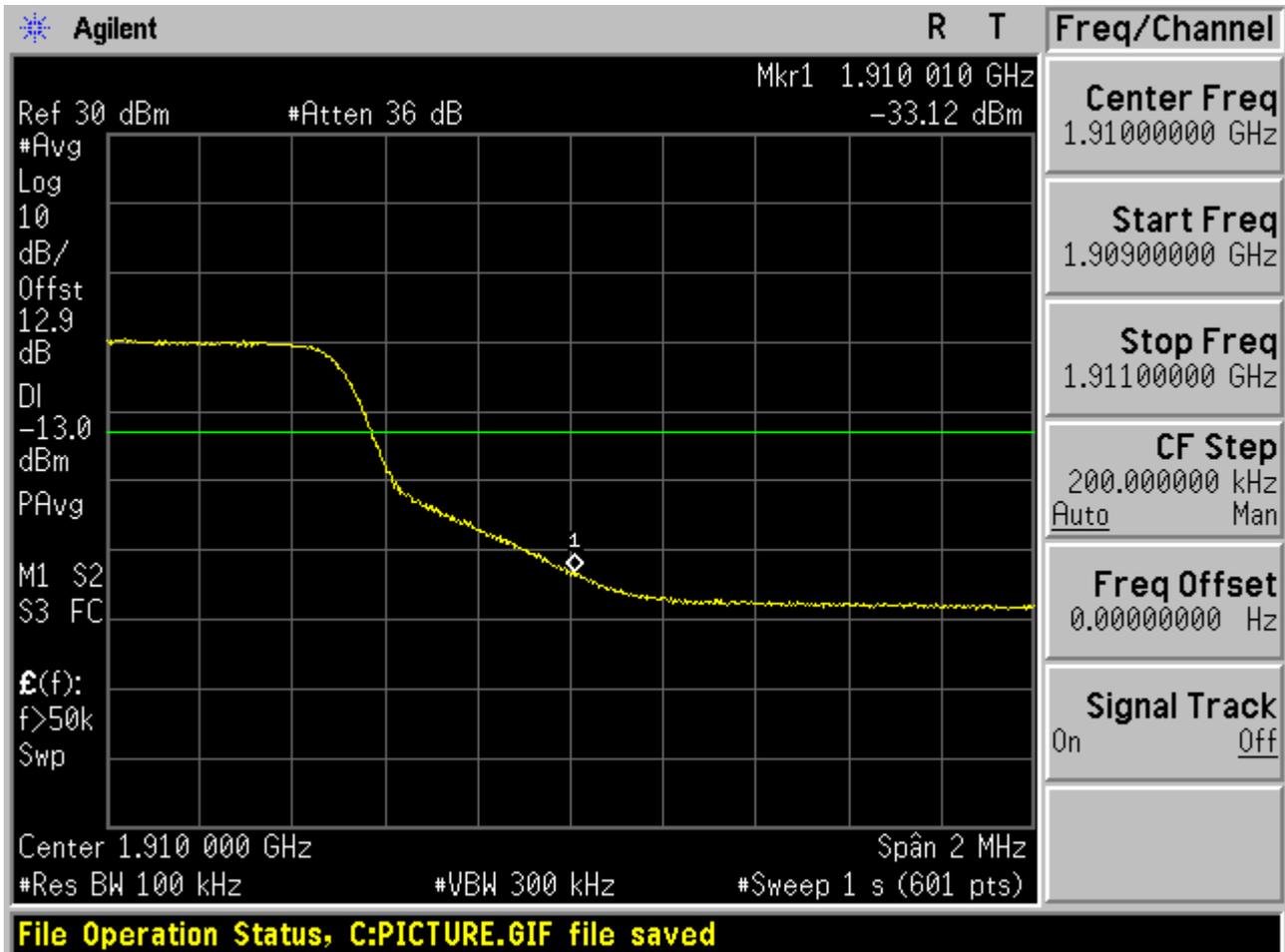


4.2.2.2.3 16QAM / non-1RB #mid/2





4.2.2.2.4 16QAM /full RBs

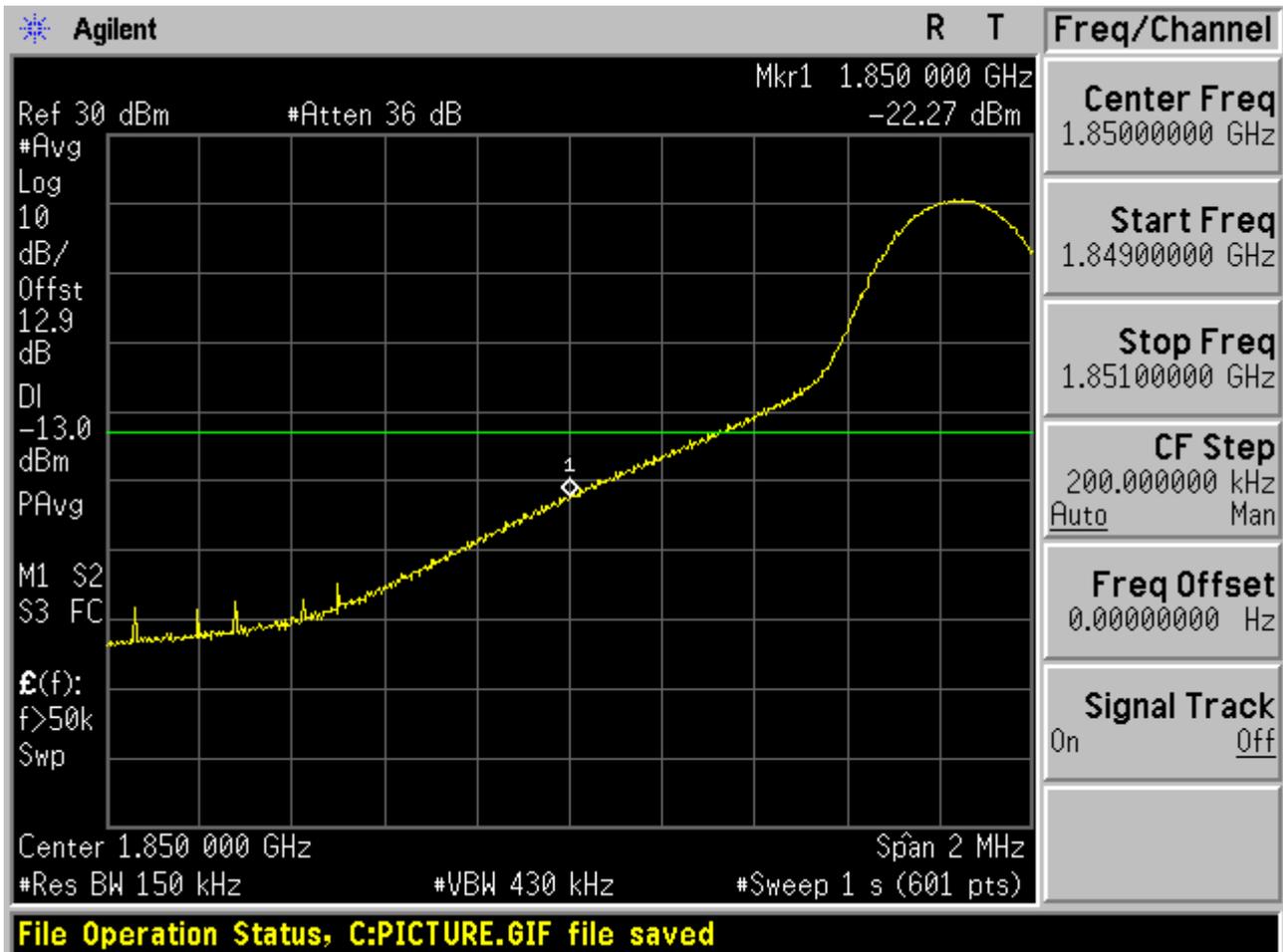




4.2.3 Channel Bandwidth = 15 MHz

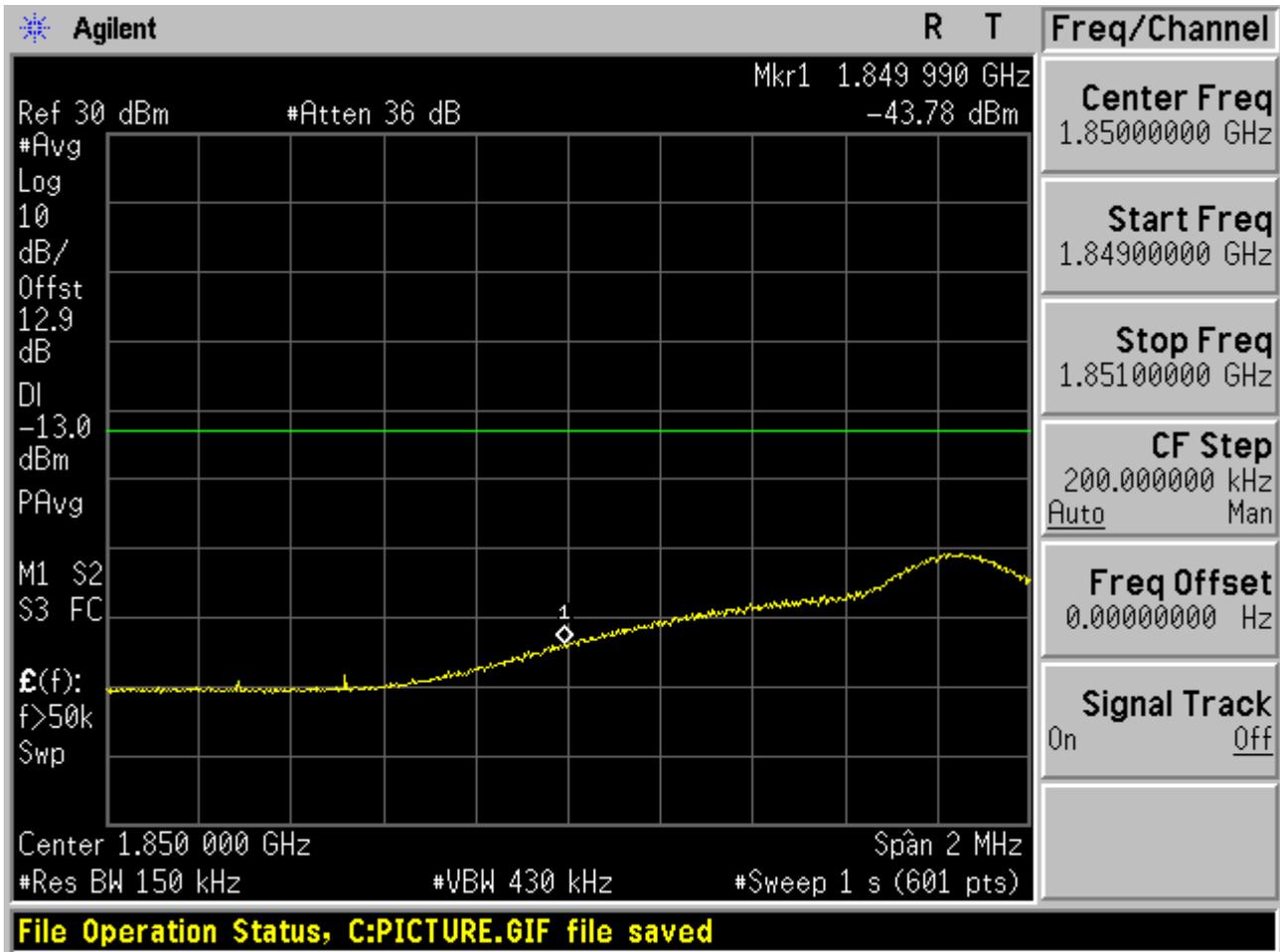
4.2.3.1 Channel= B

4.2.3.1.1 16QAM/1RB #0



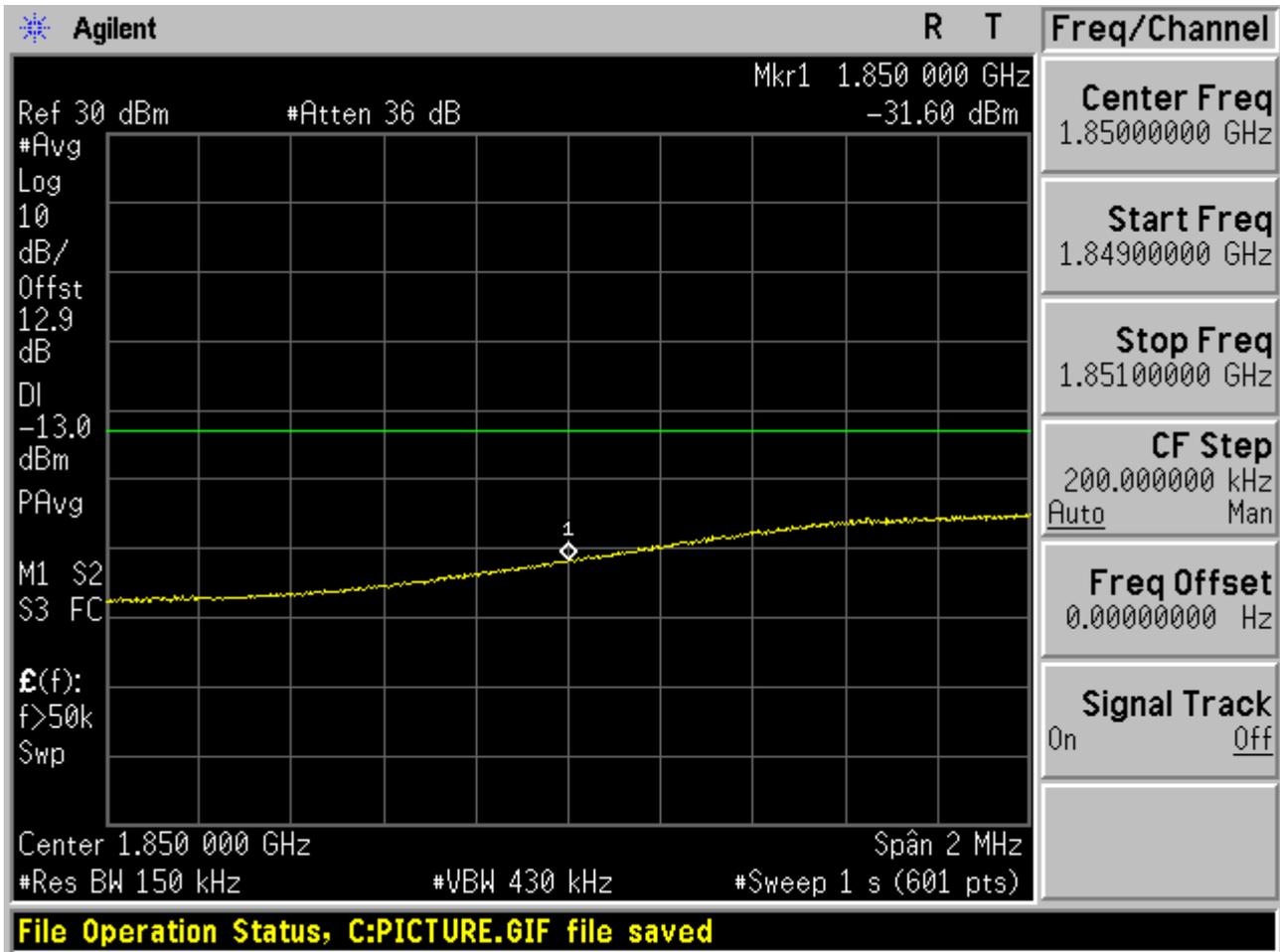


4.2.3.1.2 16QAM/1RB #max



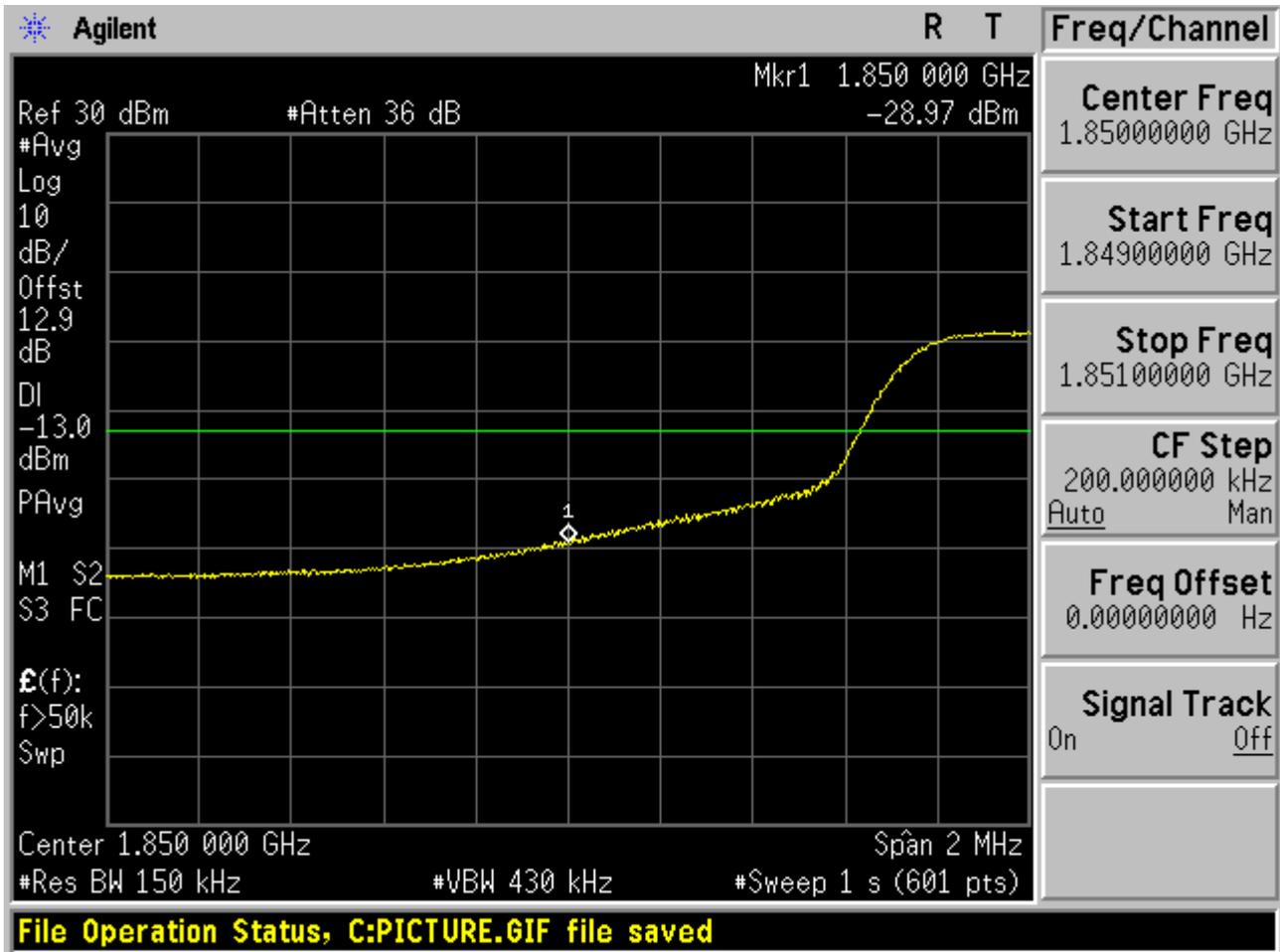


4.2.3.1.3 16QAM / non-1RB #mid/2





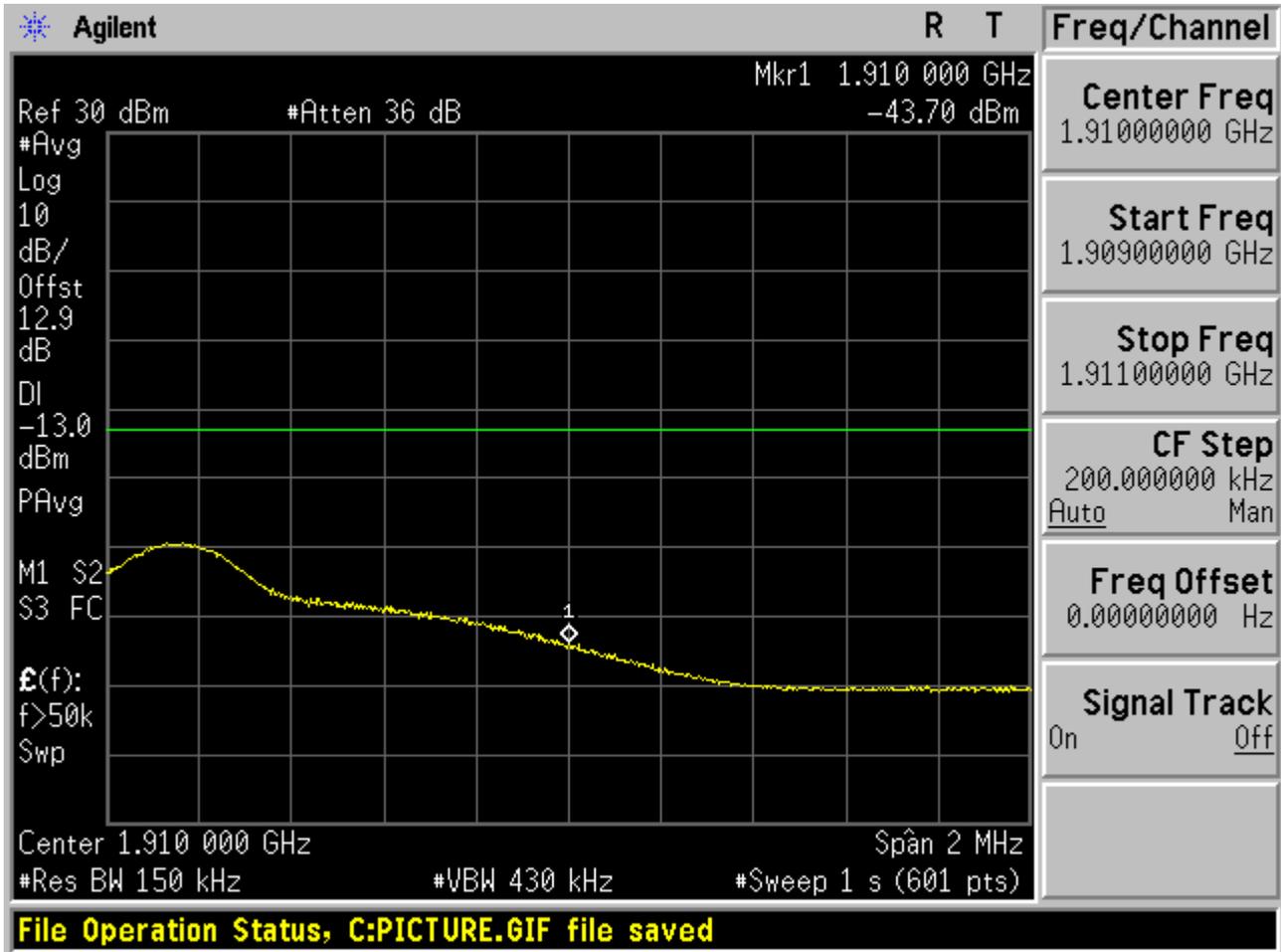
4.2.3.1.4 16QAM /full RBs





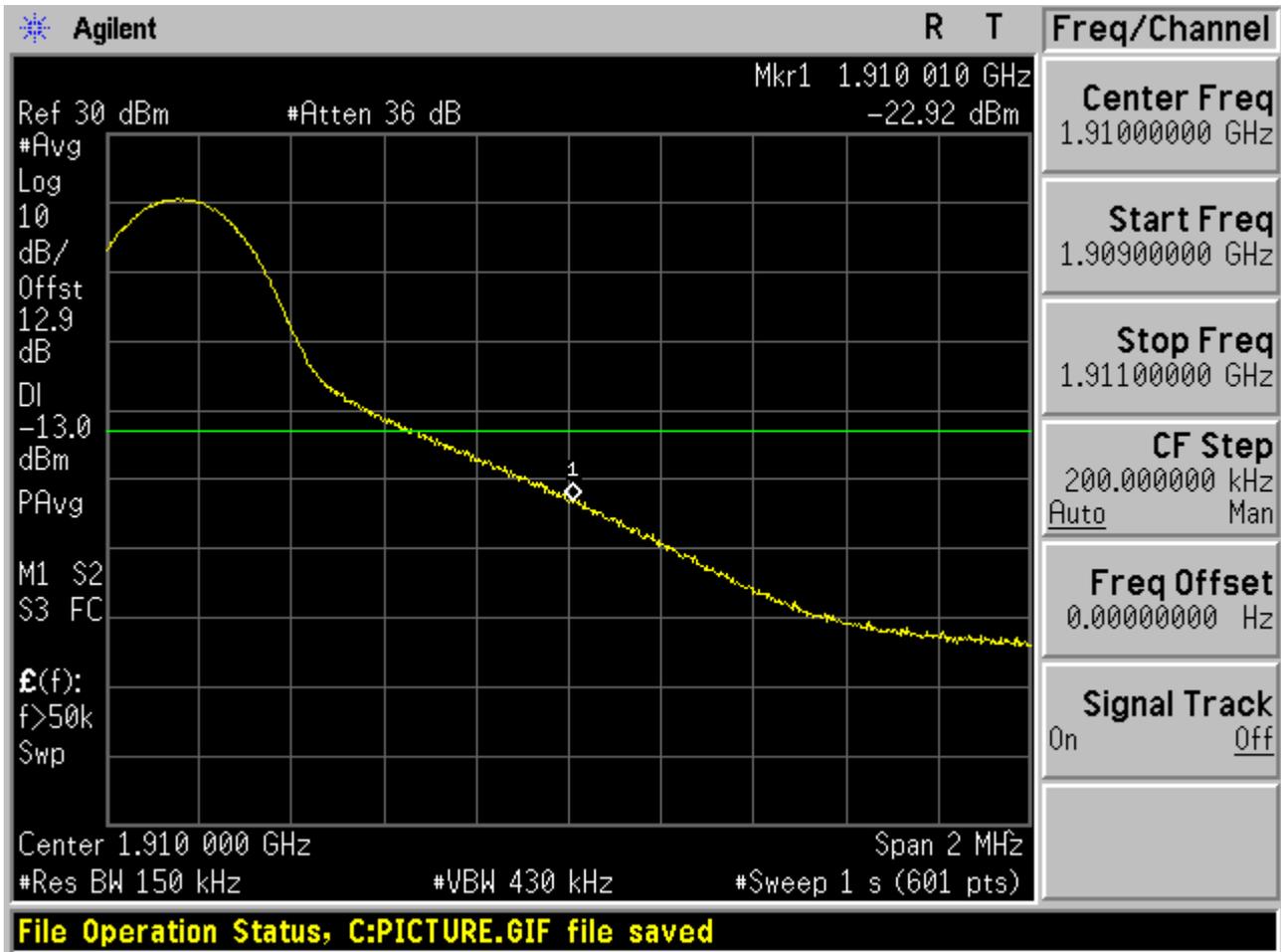
4.2.3.2 Channel= T

4.2.3.2.1 16QAM /1RB #0



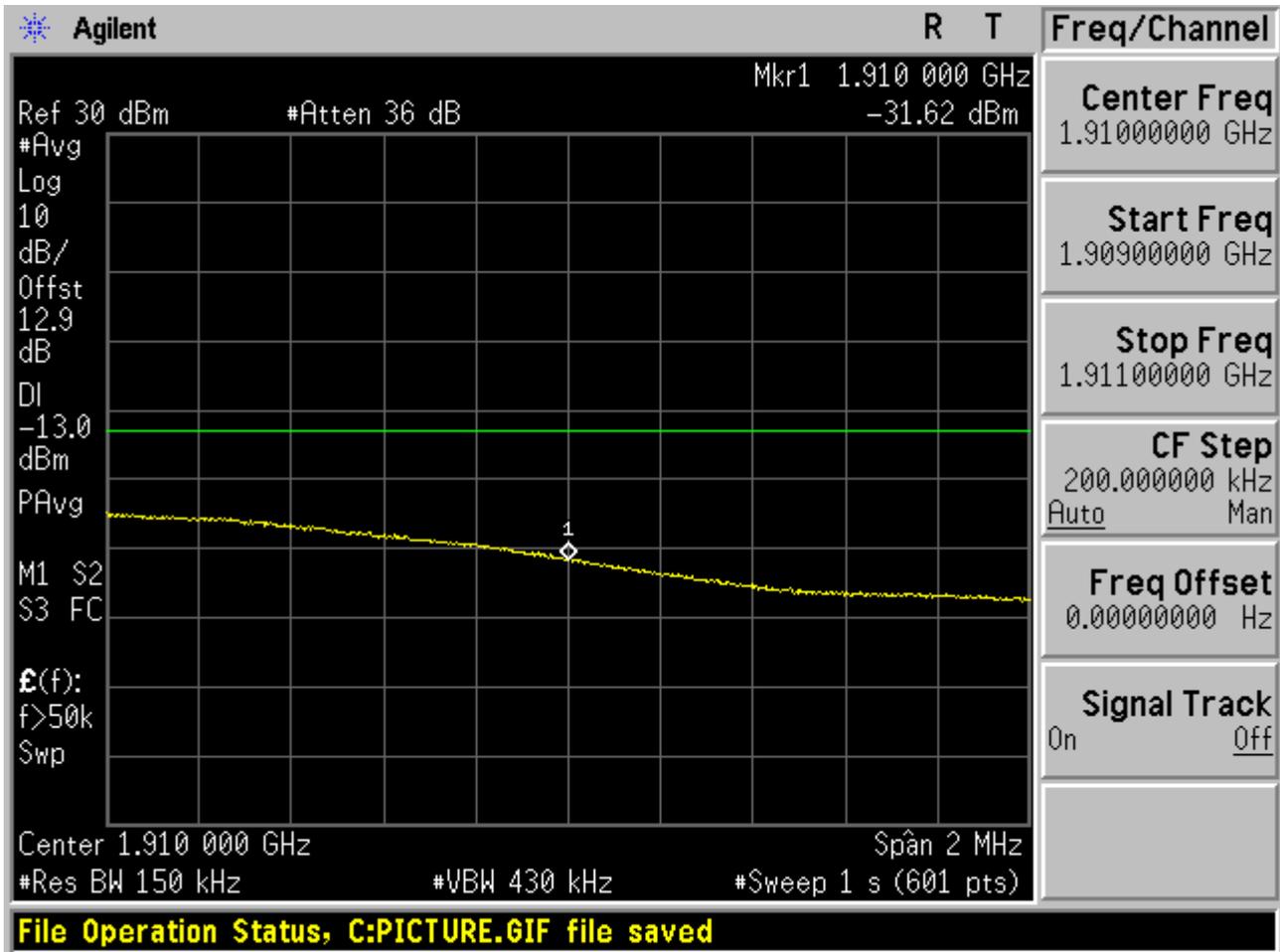


4.2.3.2.2 16QAM /1RB #max



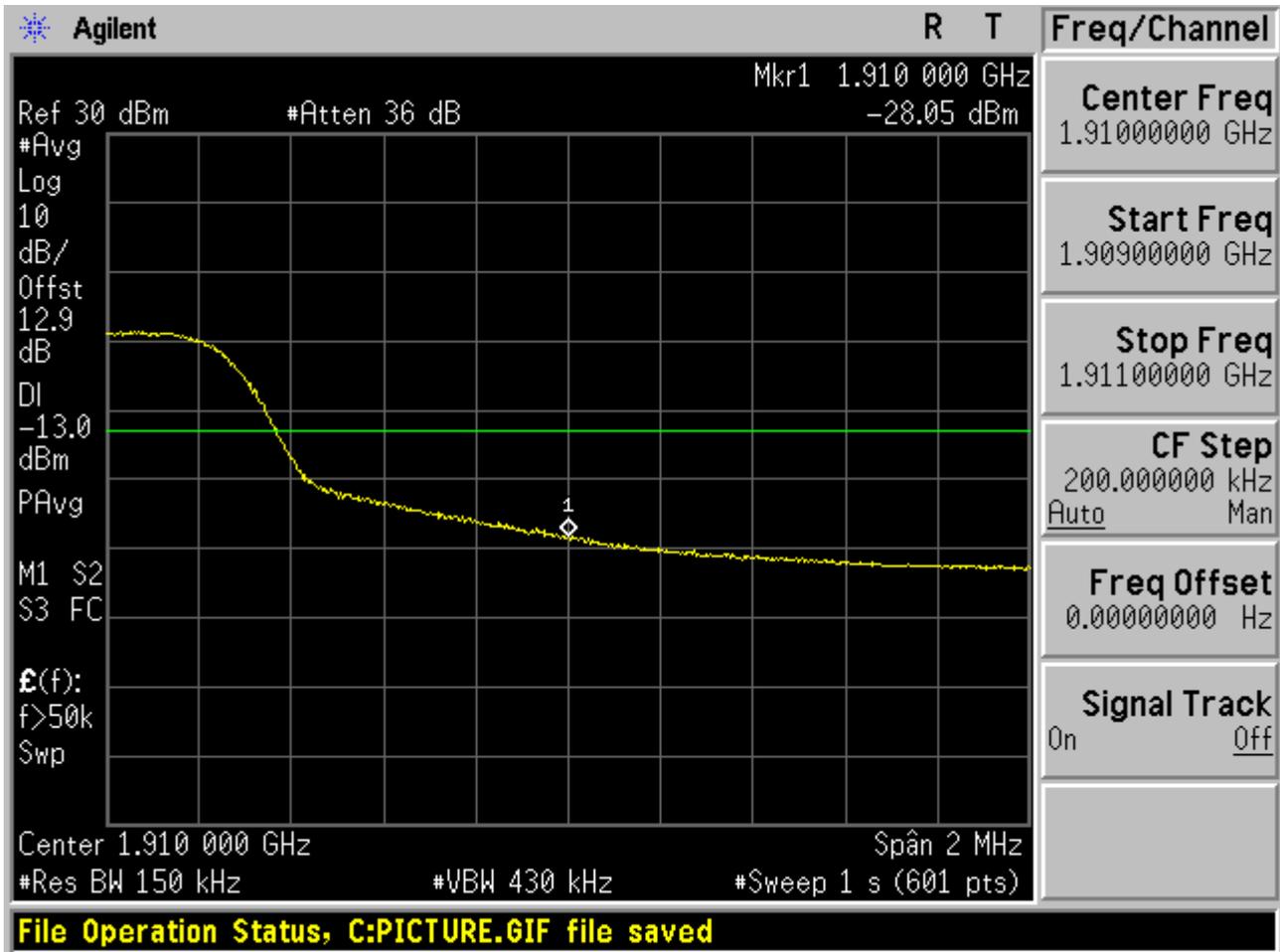


4.2.3.2.3 16QAM / non-1RB #mid/2





4.2.3.2.4 16QAM /full RBs

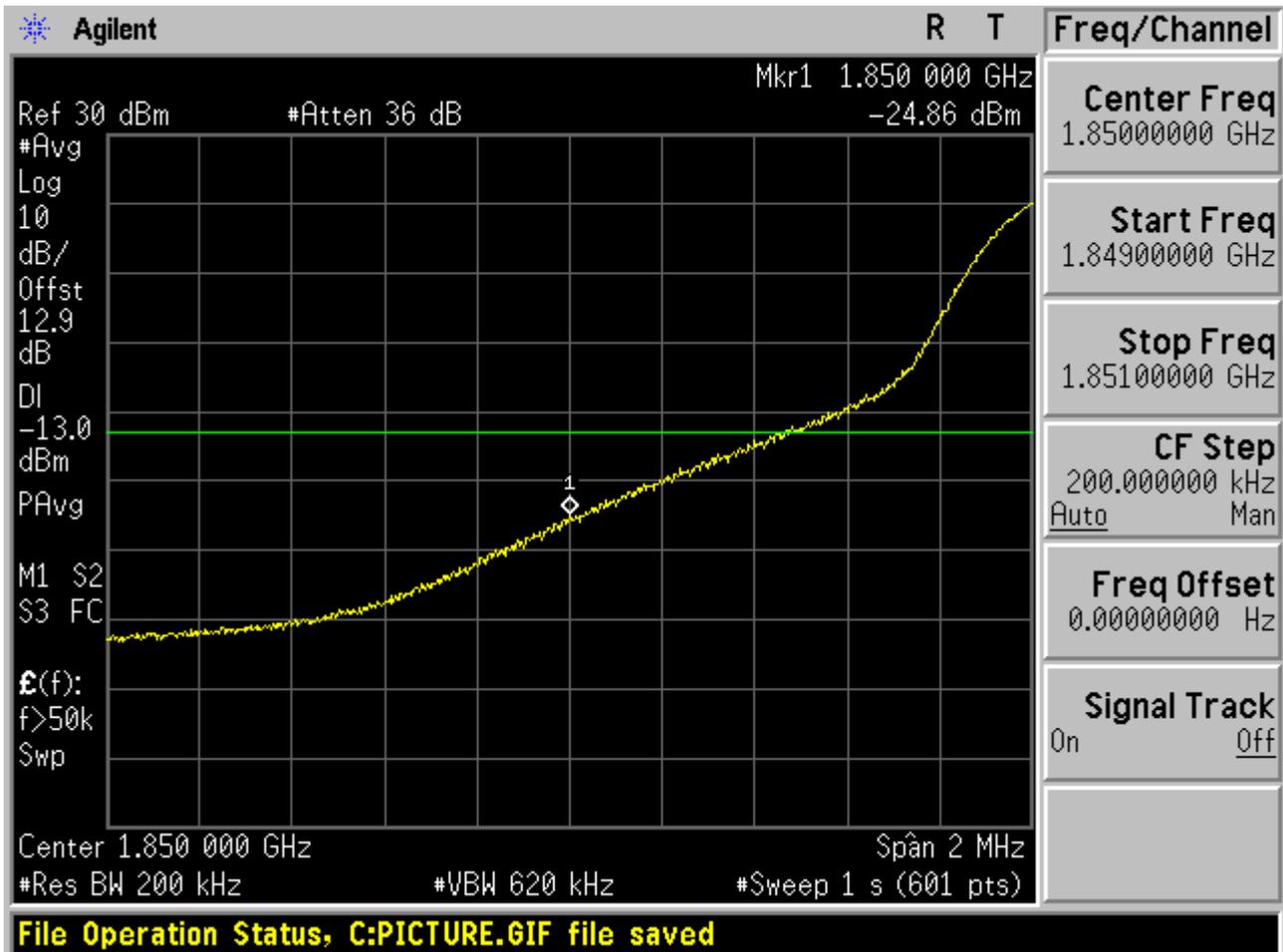




4.2.4 Channel Bandwidth = 20 MHz

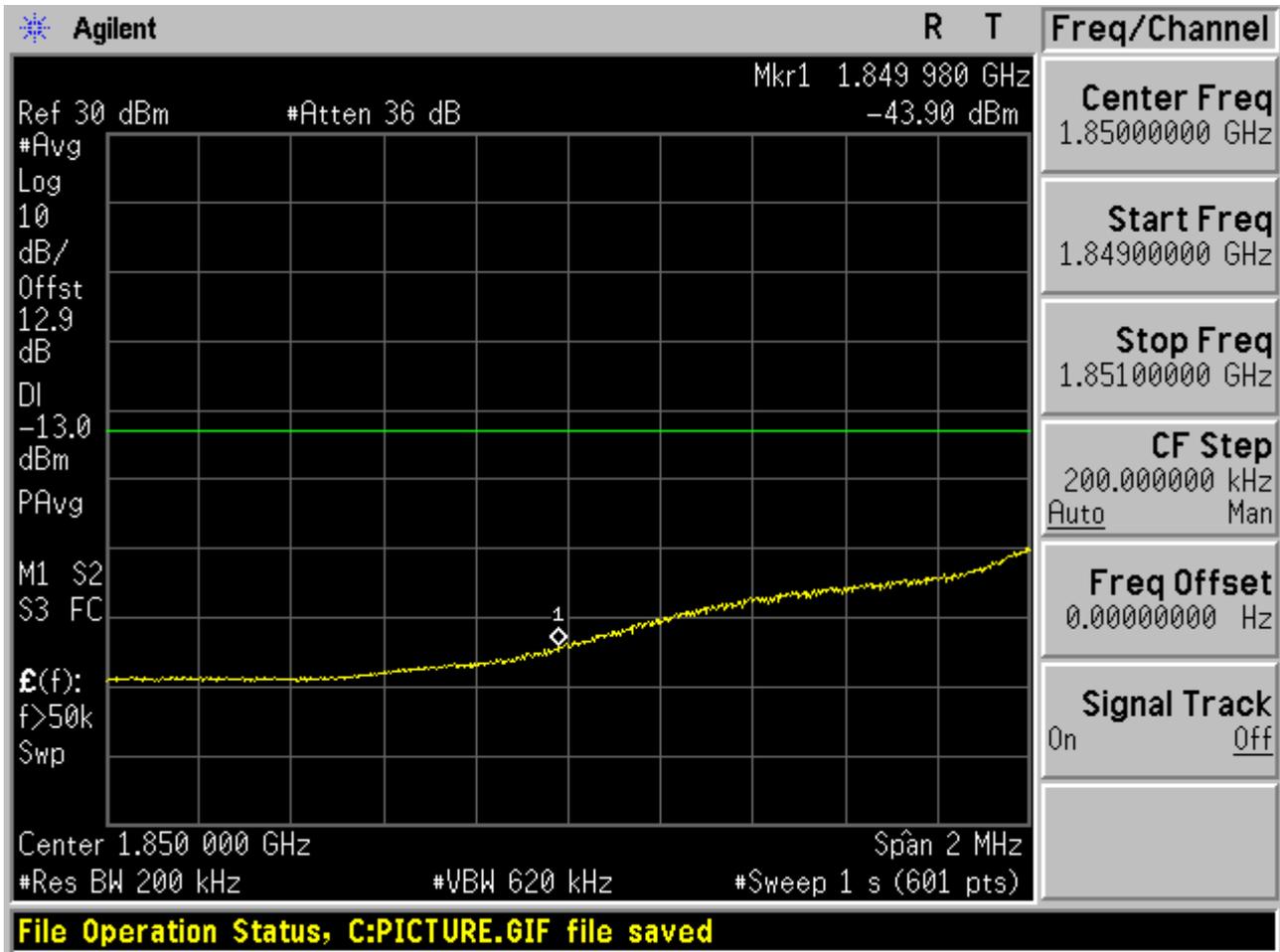
4.2.4.1 Channel= B

4.2.4.1.1 16QAM/1RB #0



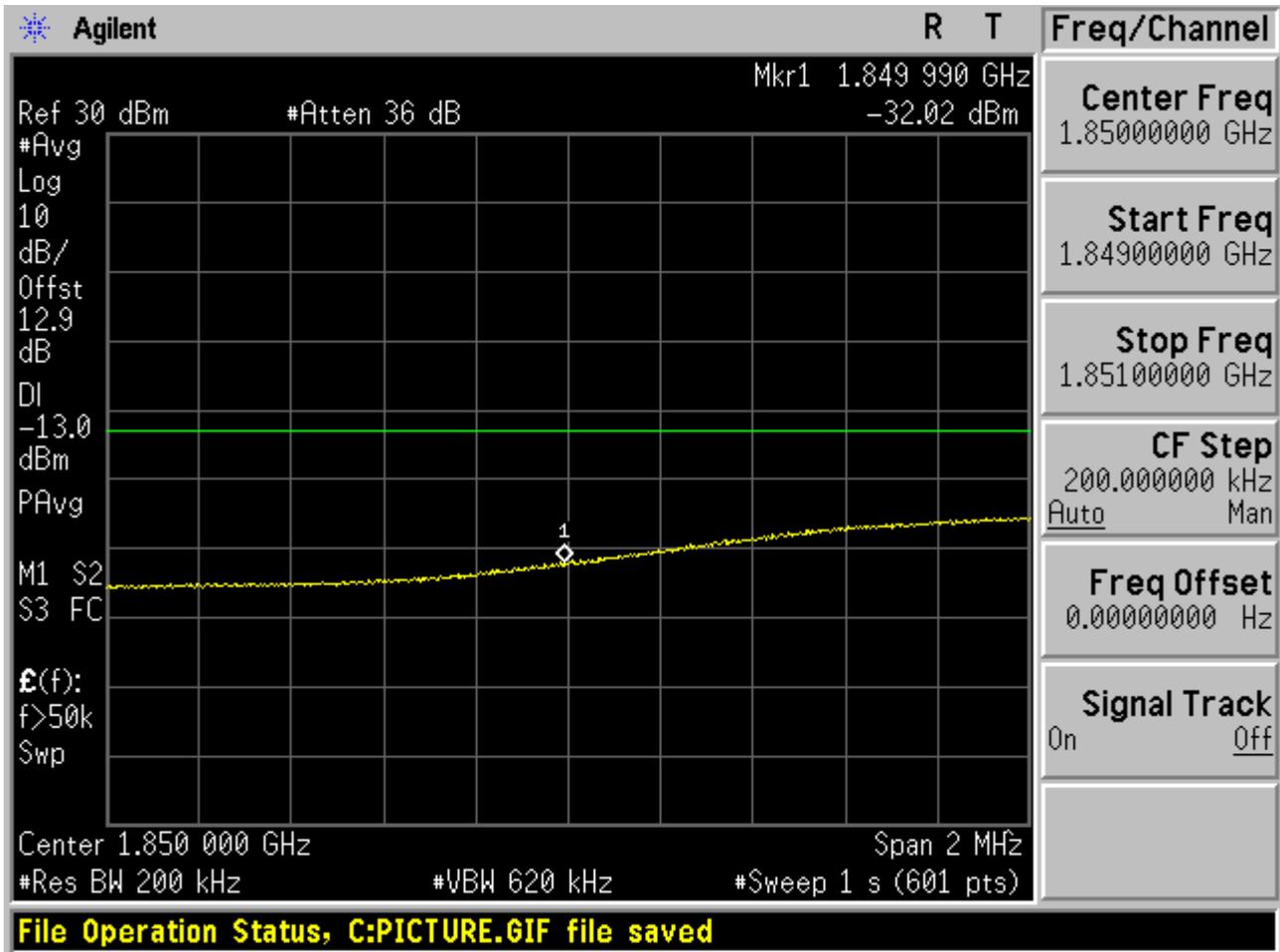


4.2.4.1.2 16QAM/1RB #max



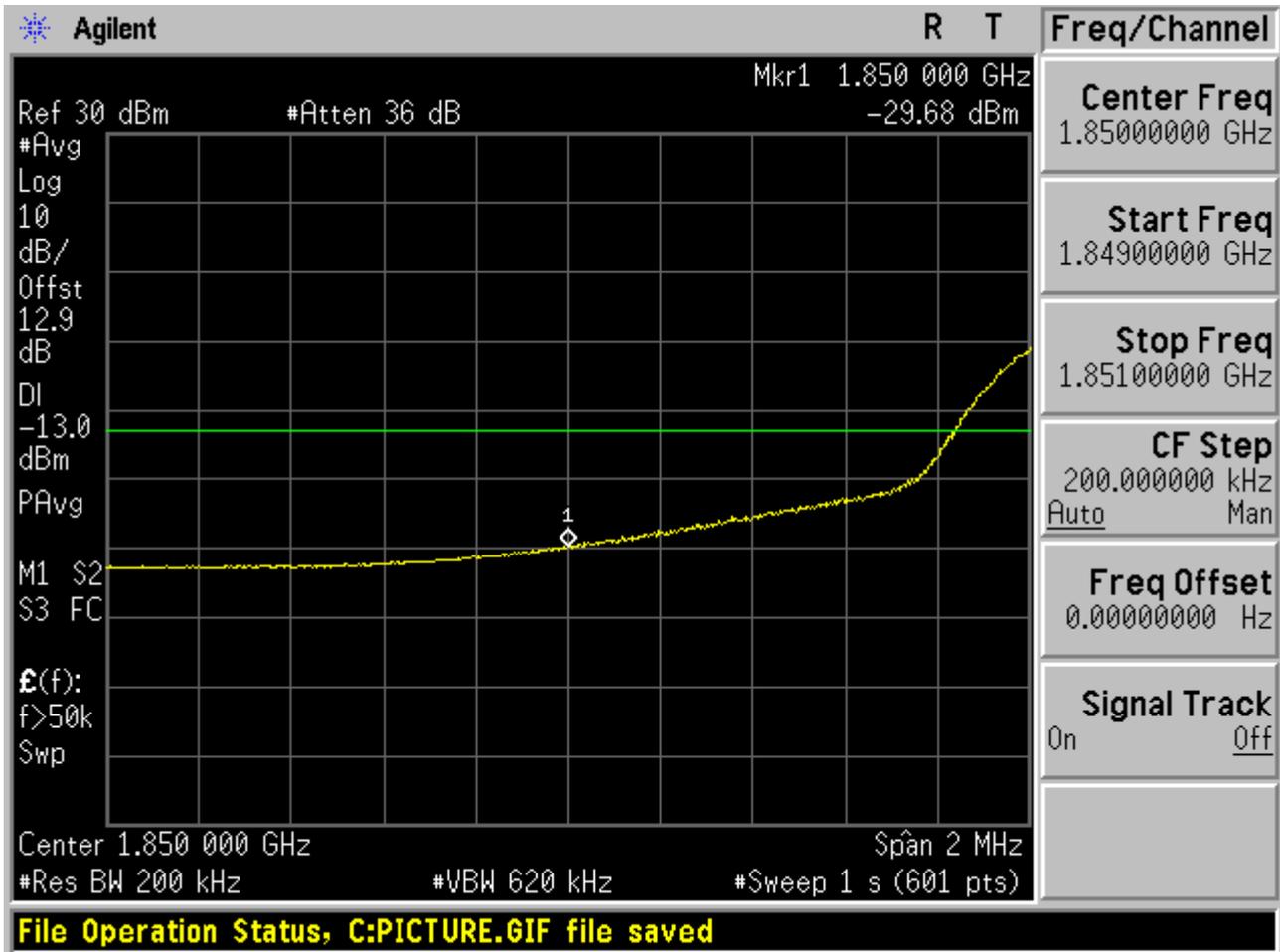


4.2.4.1.3 16QAM / non-1RB #mid/2





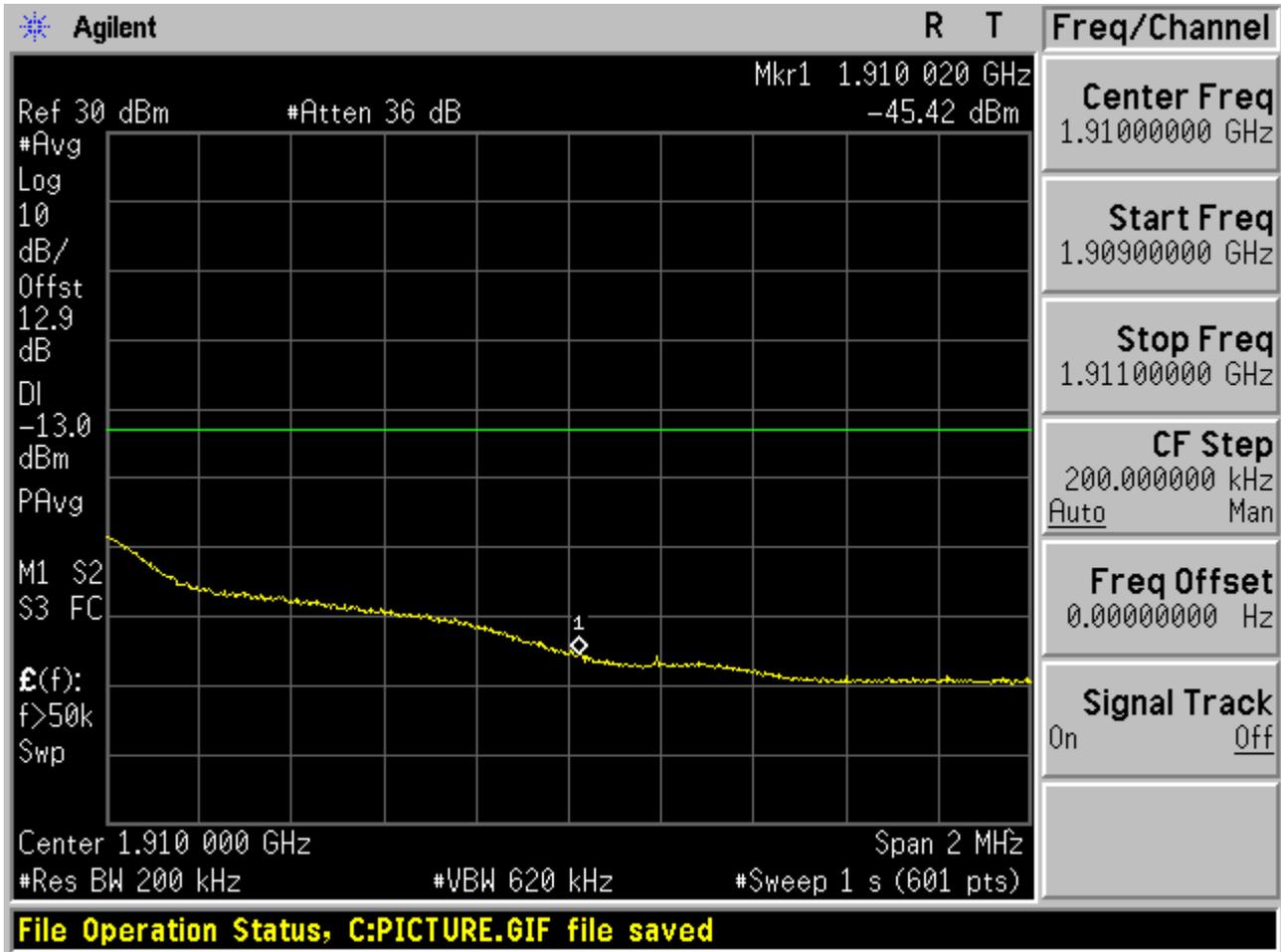
4.2.4.1.4 16QAM /full RBs





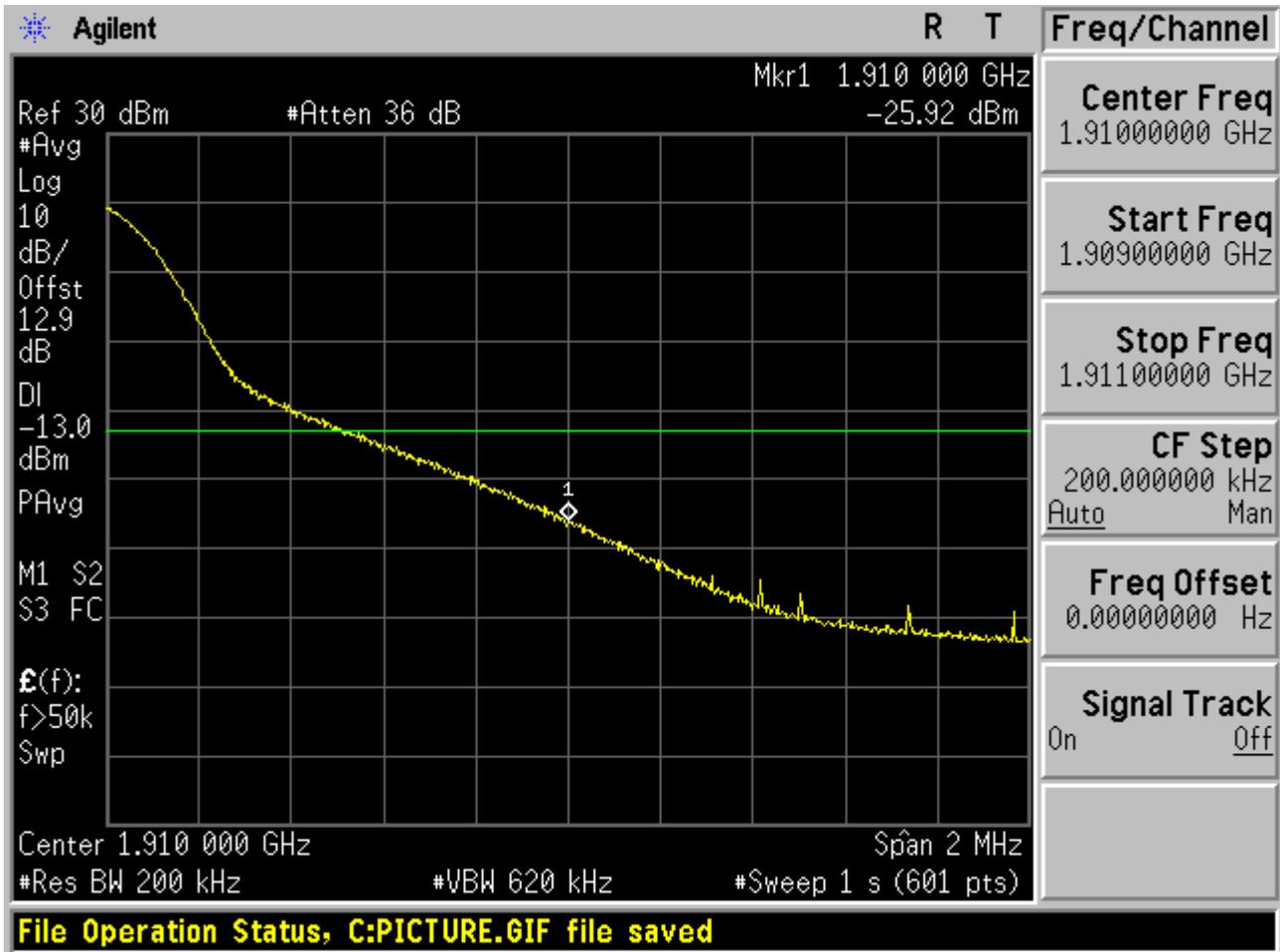
4.2.4.2 Channel= T

4.2.4.2.1 16QAM /1RB #0



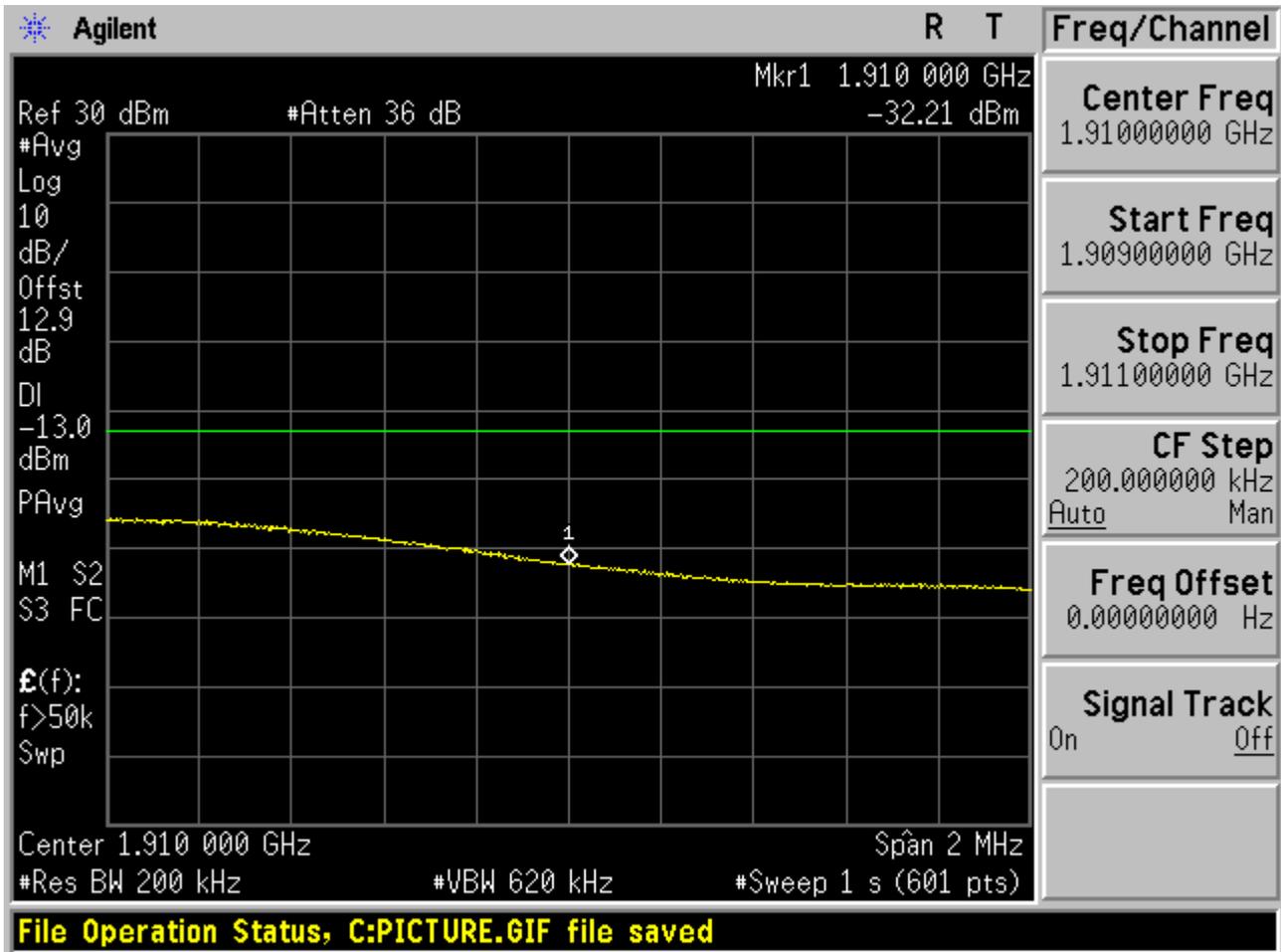


4.2.4.2.2 16QAM /1RB #max



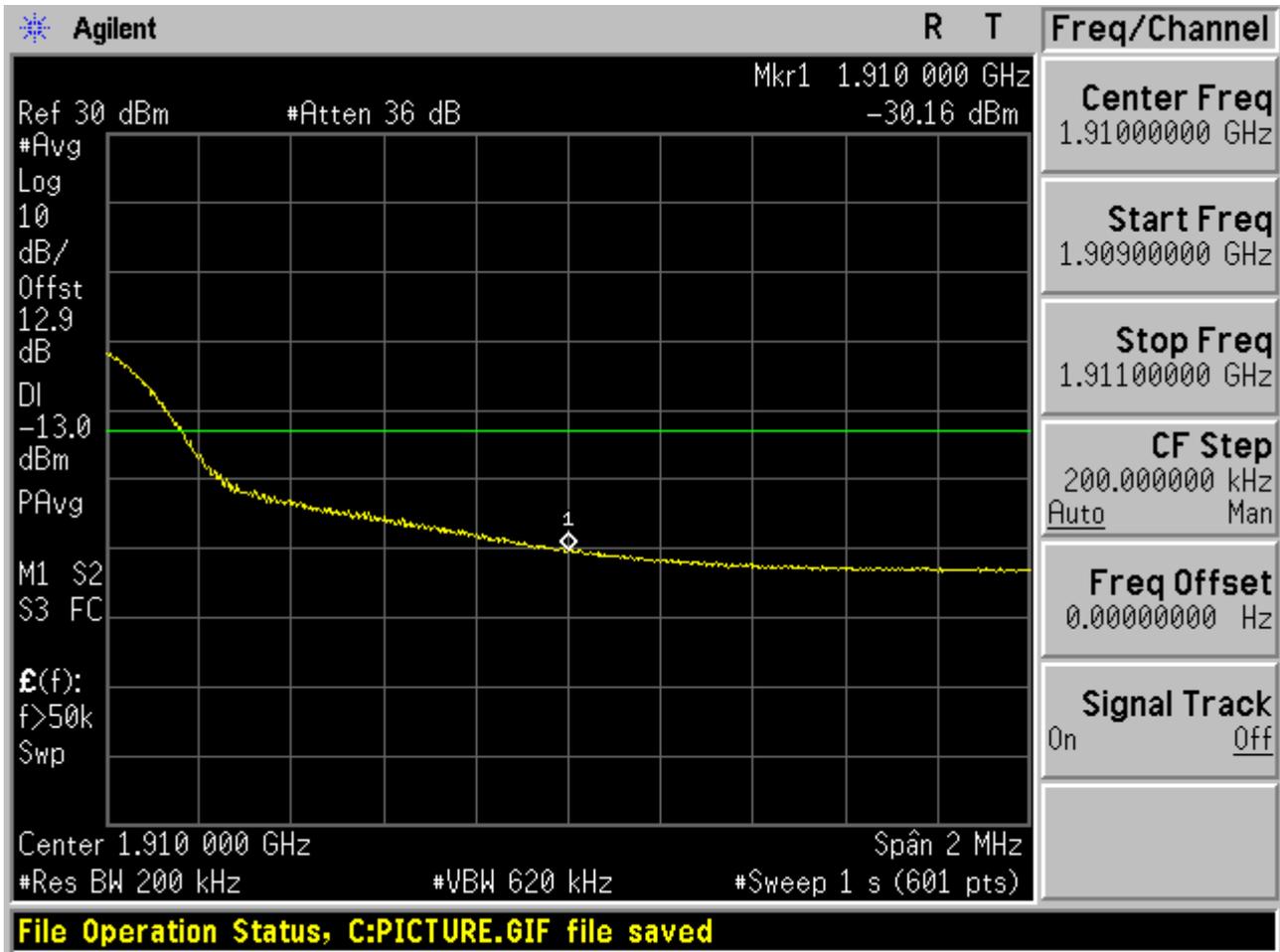


4.2.4.2.3 16QAM / non-1RB #mid/2





4.2.4.2.4 16QAM /full RBs



-----END-----



Appendix E

Spurious Emission at Antenna Terminal

According to FCC part 2.1051 & Part 24.238



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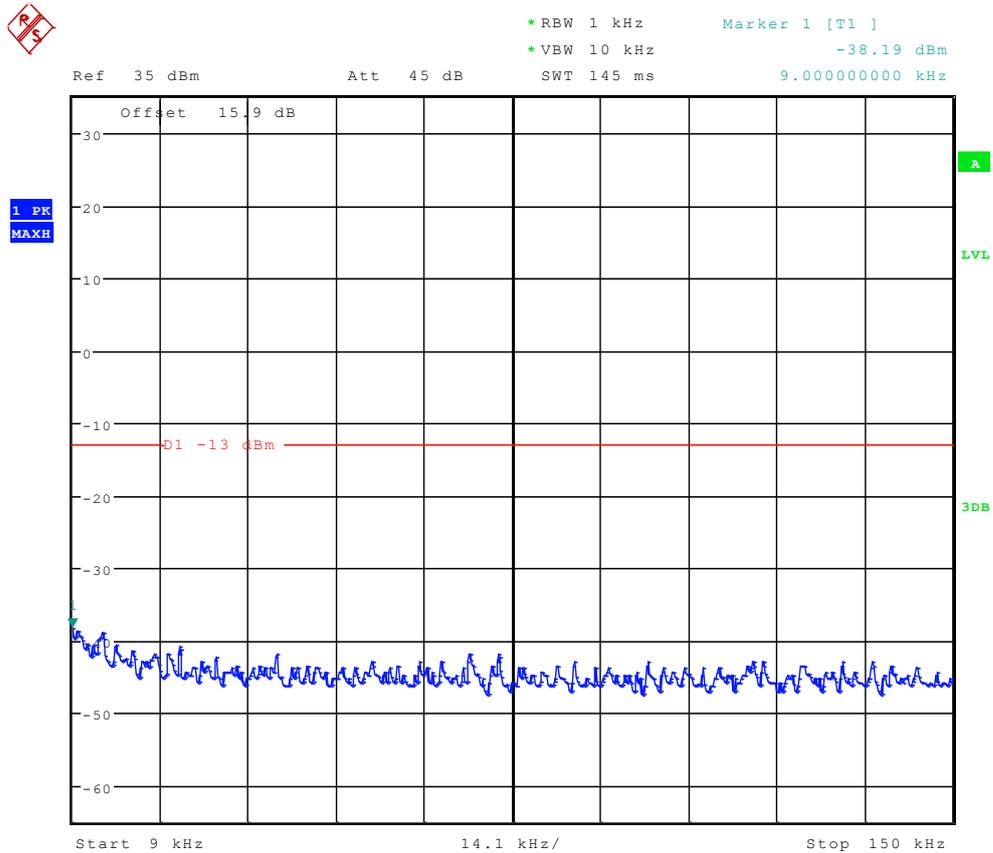
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1 For GPRS 1900

1.1 Test Mode=TM1

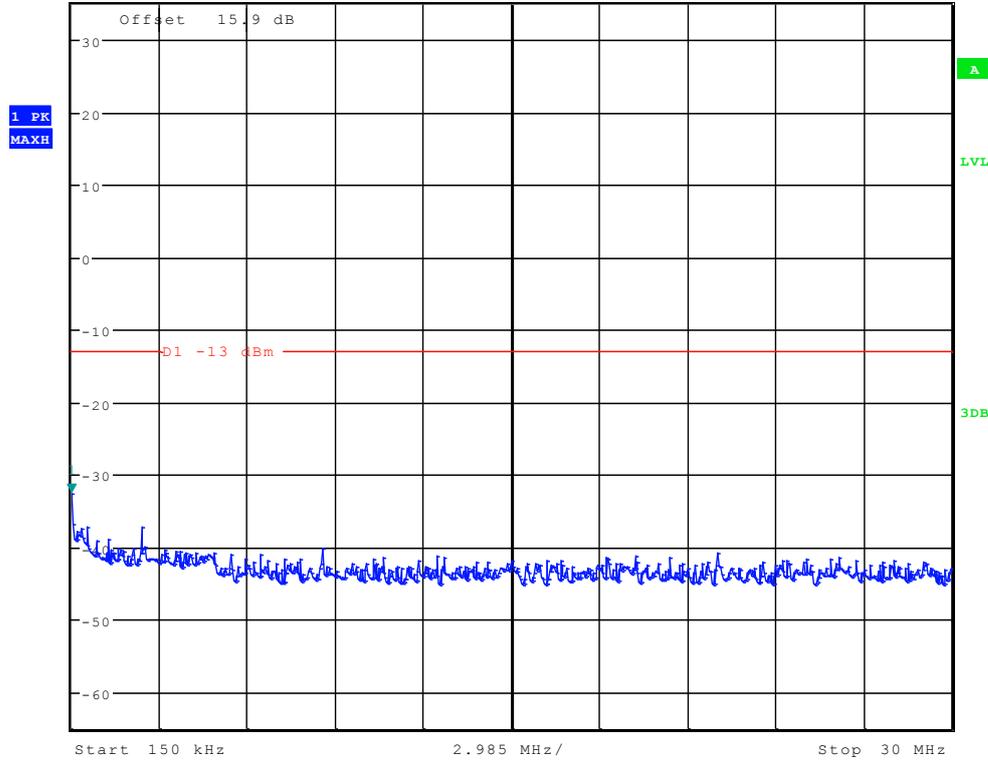
1.1.1.1 Channel = B



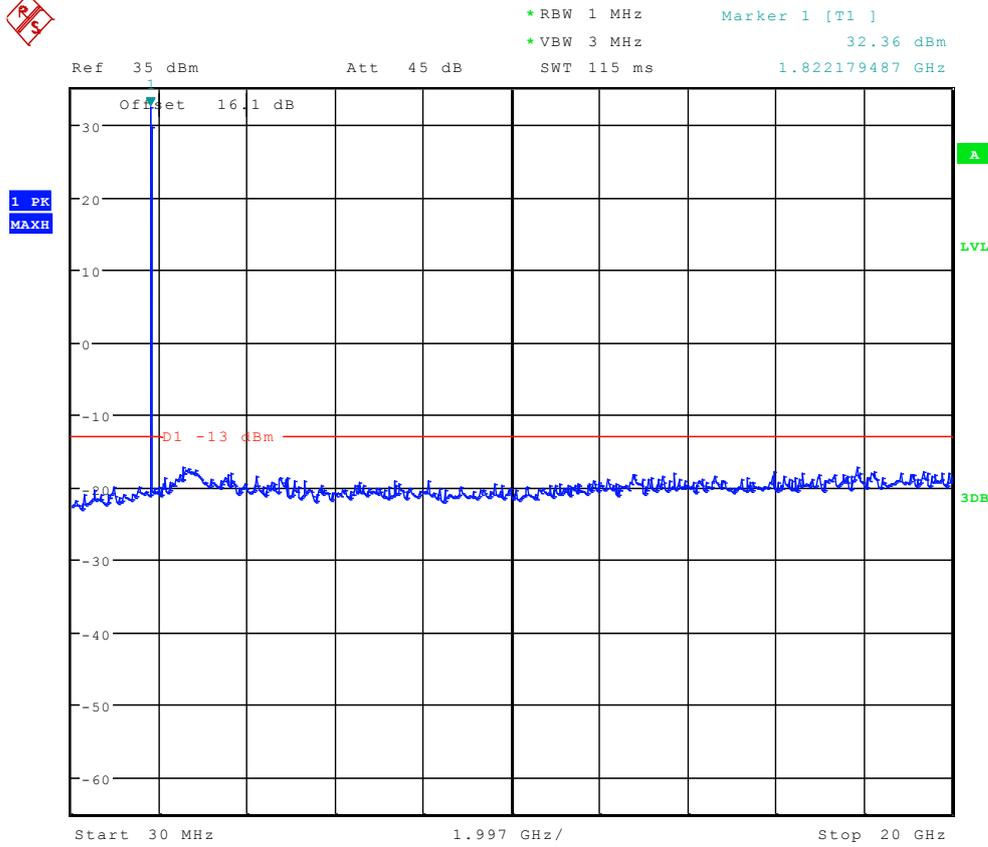
Date: 31.MAY.2012 12:05:53



*RBW 10 kHz Marker 1 [T1]
 *VBW 30 kHz -32.51 dBm
 Ref 35 dBm Att 45 dB SWT 300 ms 150.00000000 kHz



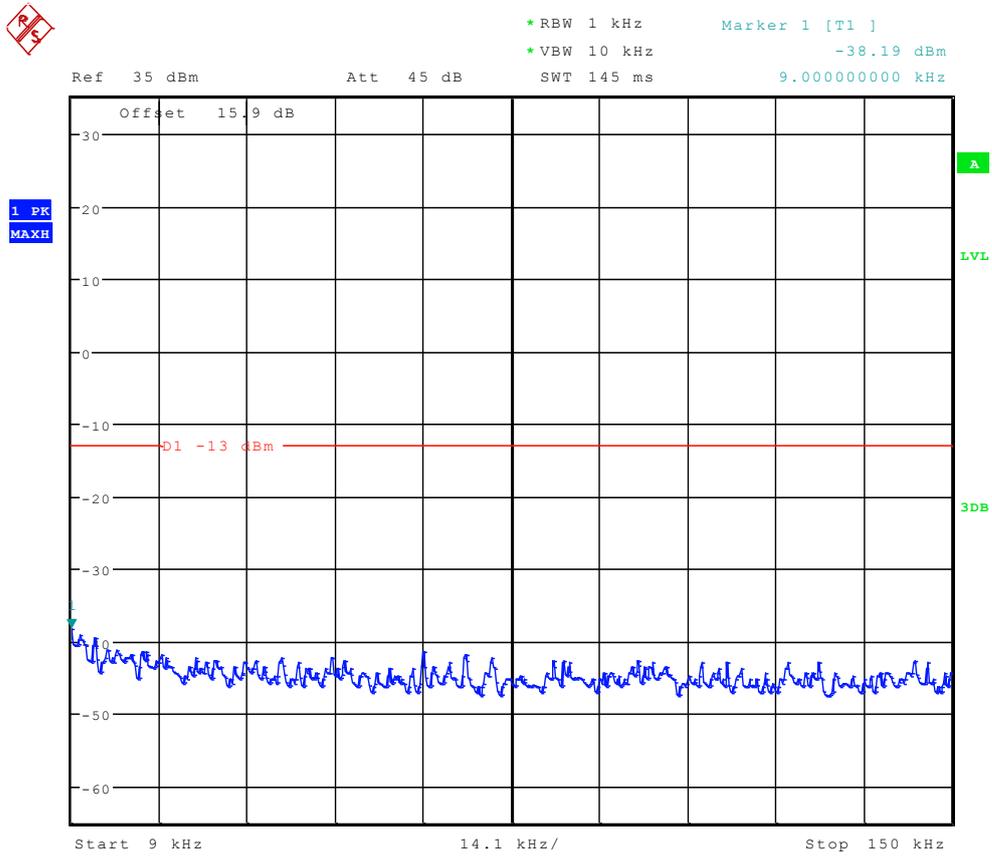
Date: 31.MAY.2012 12:06:37



Date: 31.MAY.2012 12:07:20



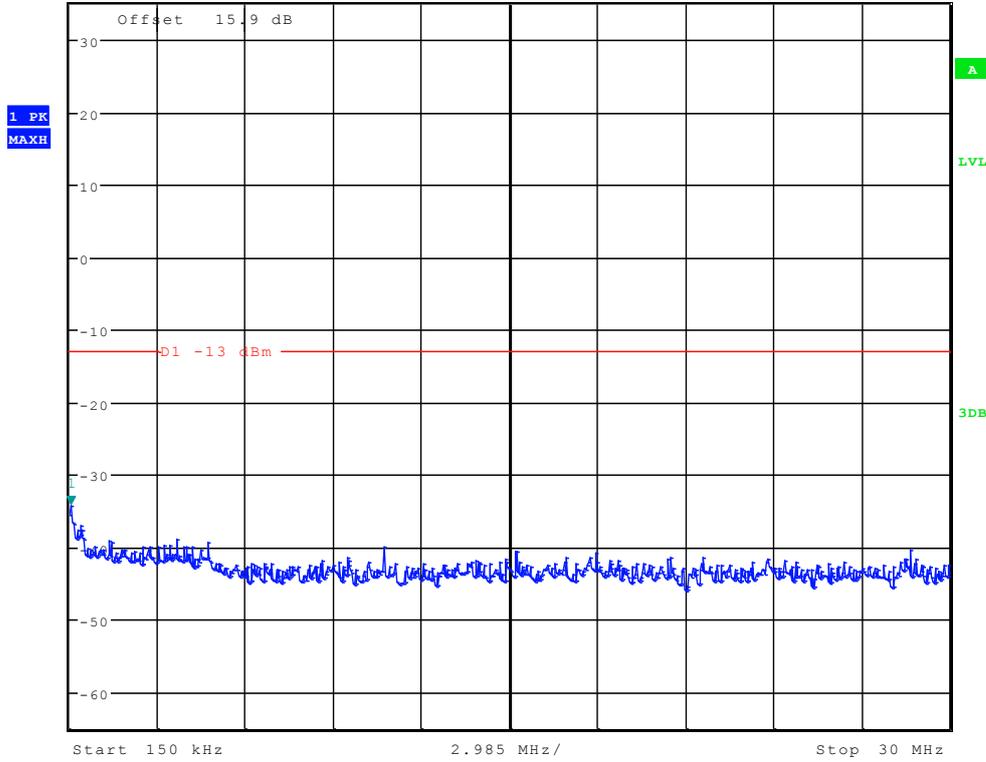
1.1.1.2 Channel = M



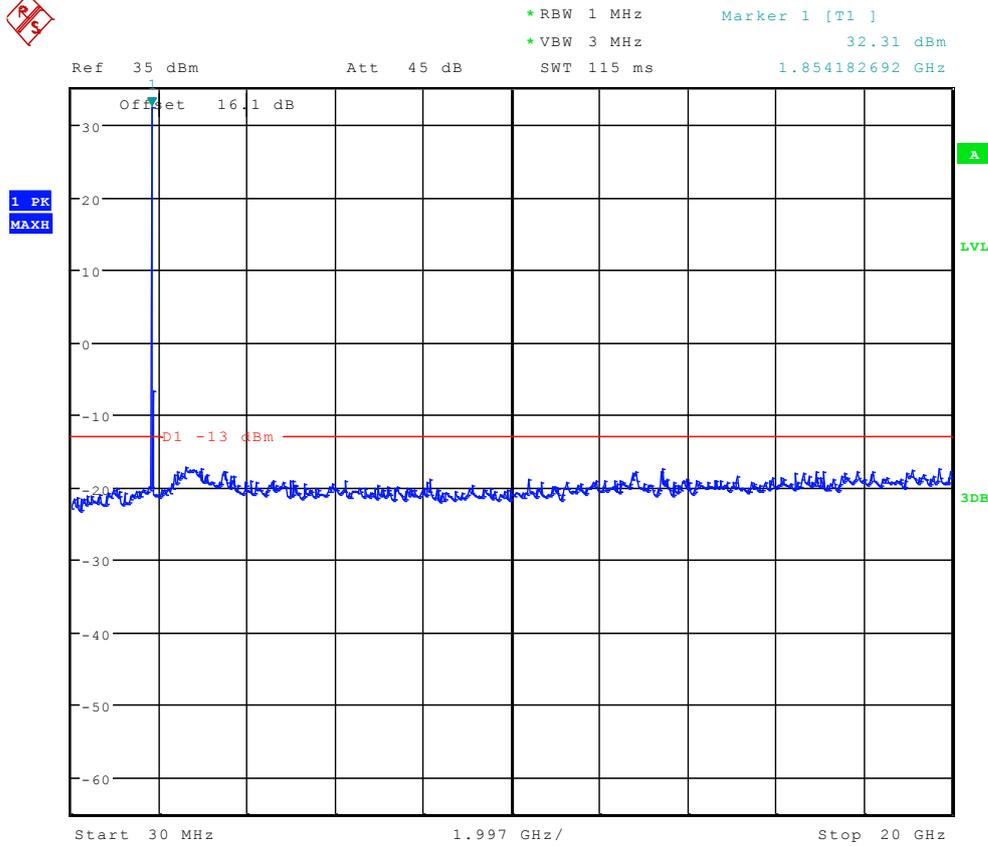
Date: 31.MAY.2012 12:06:07



*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -34.22 dBm
Ref 35 dBm Att 45 dB SWT 300 ms 197.836538462 kHz



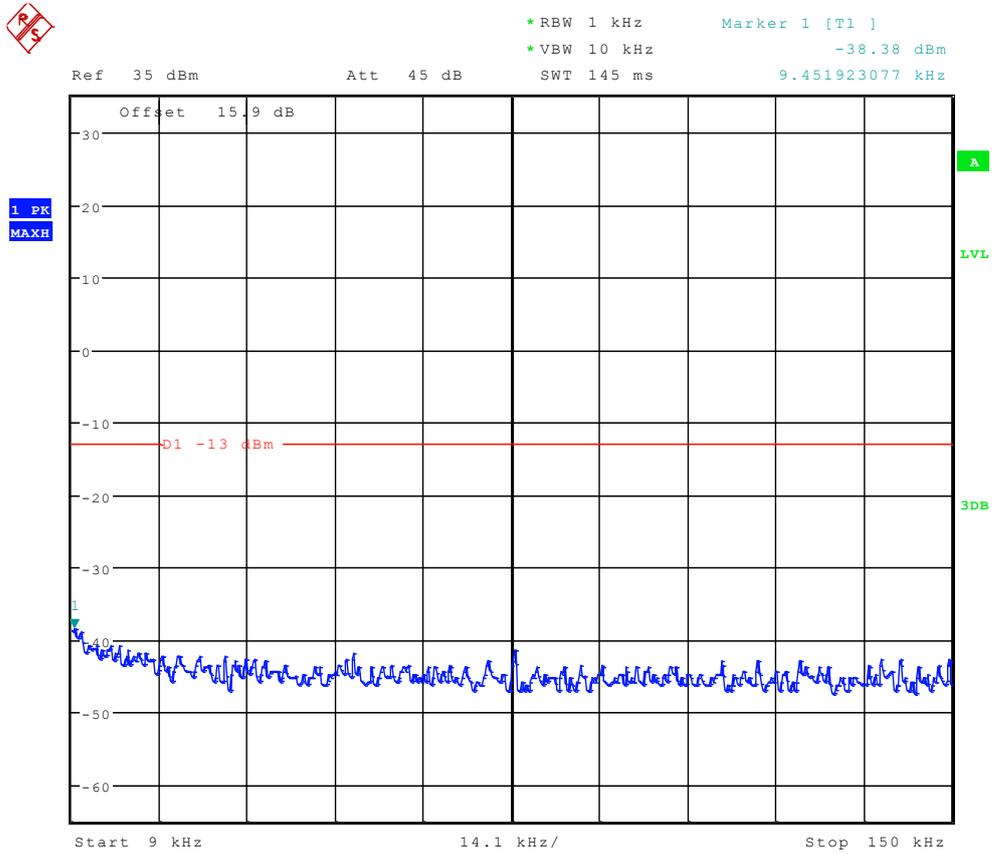
Date: 31.MAY.2012 12:06:51



Date: 31.MAY.2012 12:07:35



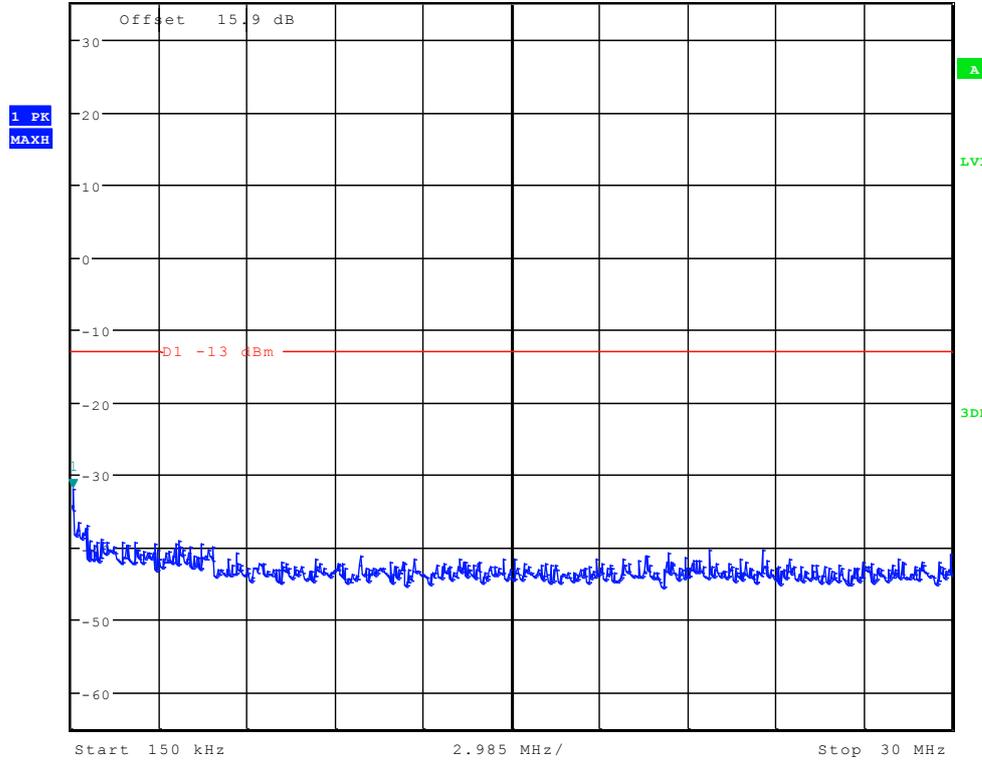
1.1.1.3 Channel = T



Date: 31.MAY.2012 12:06:22



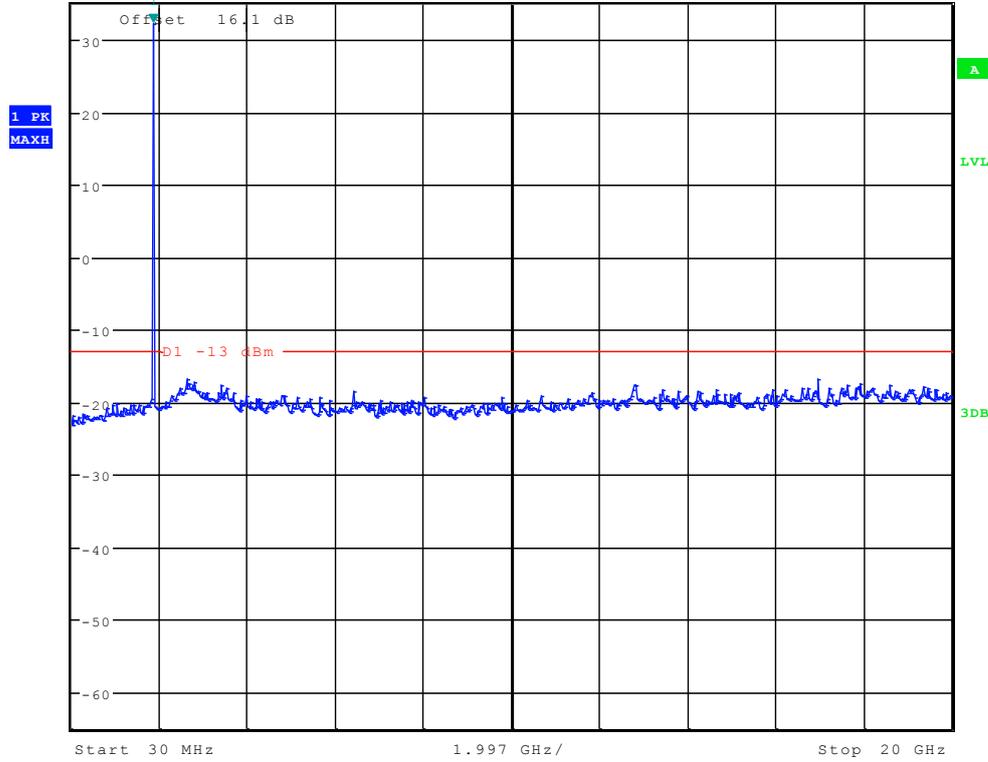
*RBW 10 kHz Marker 1 [T1]
 *VBW 30 kHz -31.85 dBm
 Ref 35 dBm Att 45 dB SWT 300 ms 197.836538462 kHz



Date: 31.MAY.2012 12:07:05



* RBW 1 MHz Marker 1 [T1]
* VBW 3 MHz 32.25 dBm
Ref 35 dBm Att 45 dB SWT 115 ms 1.886185897 GHz



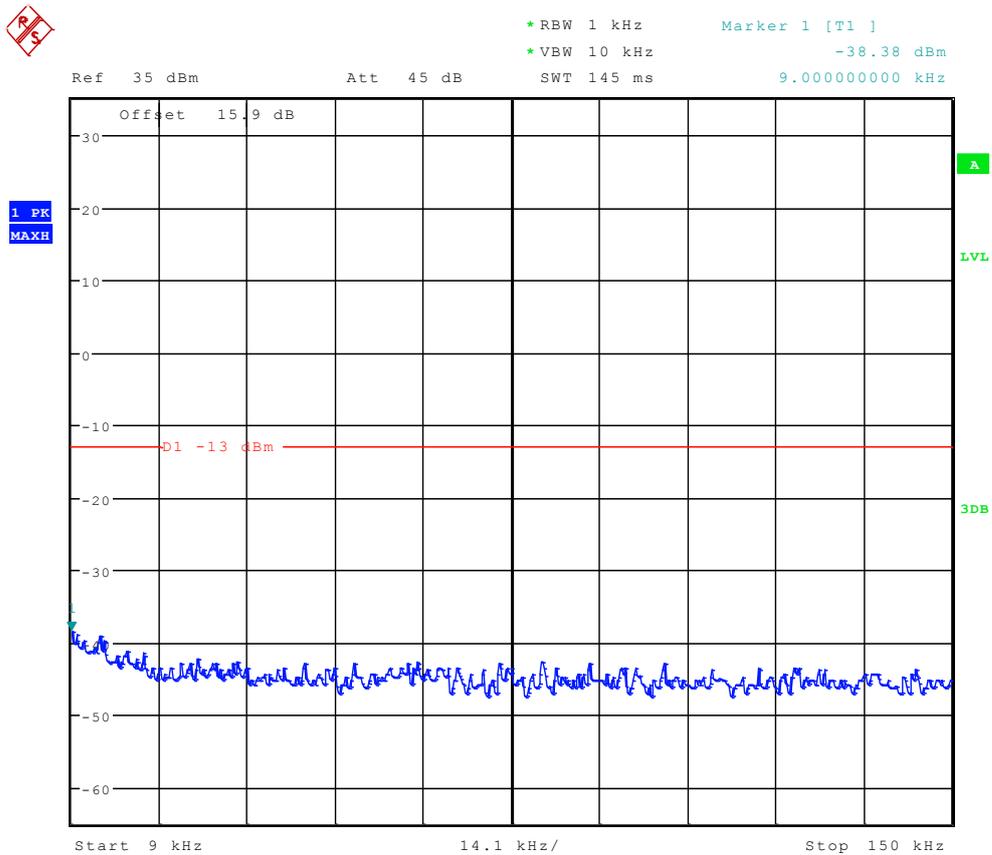
Date: 31.MAY.2012 12:07:49



2 For EDGE 1900

2.1 Test Mode=TM2

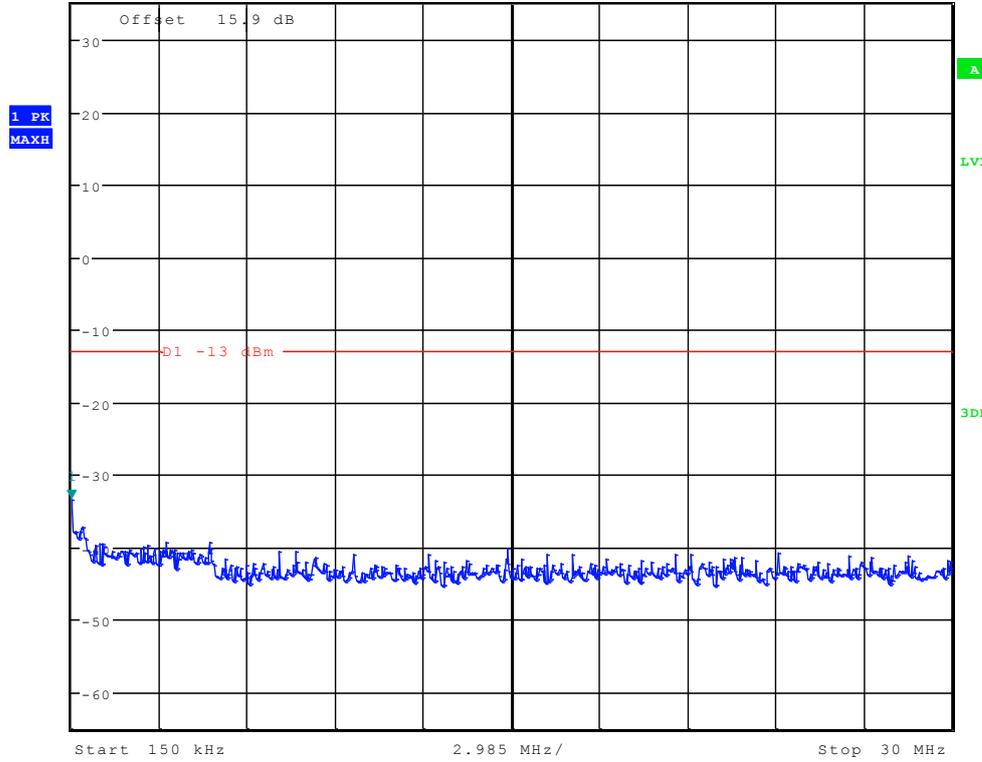
2.1.1.1 Channel = B



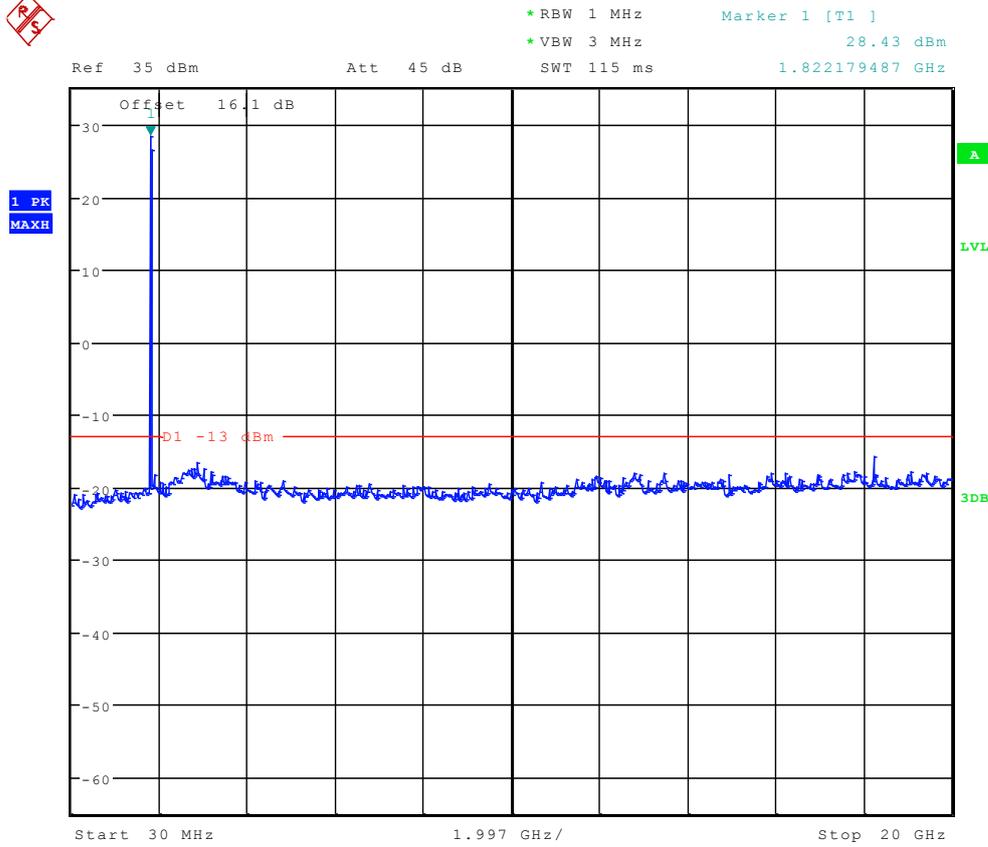
Date: 31.MAY.2012 12:12:29



*RBW 10 kHz Marker 1 [T1]
 *VBW 30 kHz -33.32 dBm
 Ref 35 dBm Att 45 dB SWT 300 ms 150.00000000 kHz



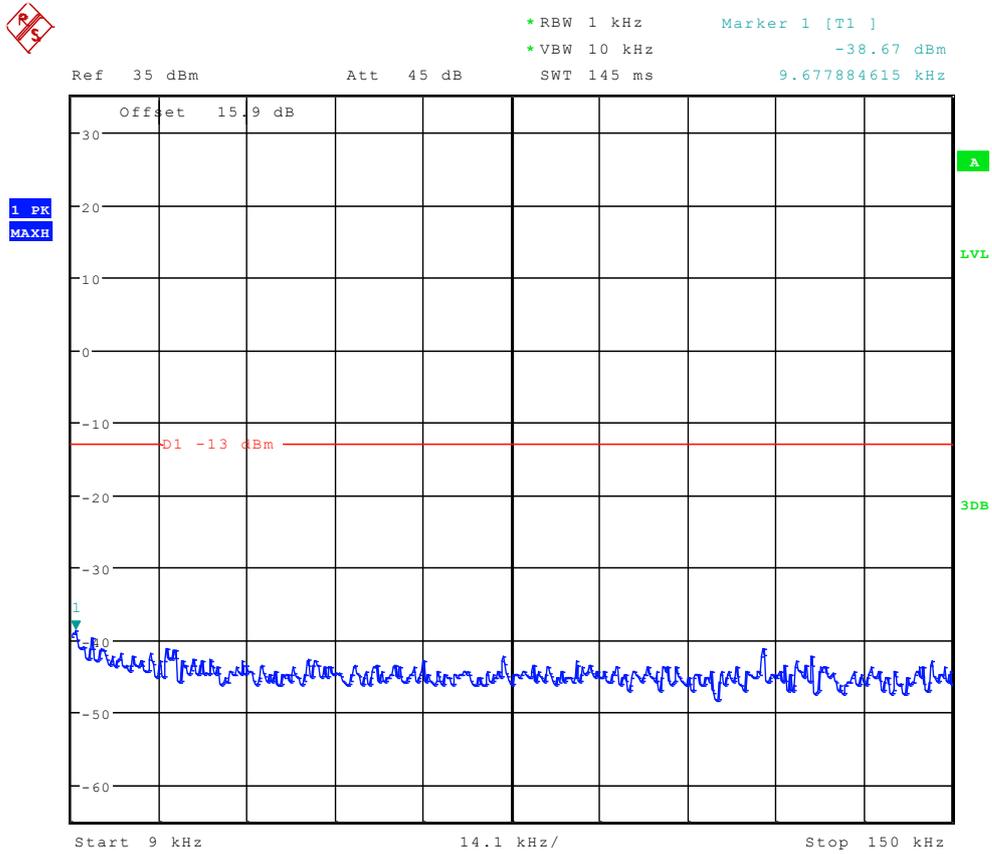
Date: 31.MAY.2012 12:13:13



Date: 31.MAY.2012 12:13:56



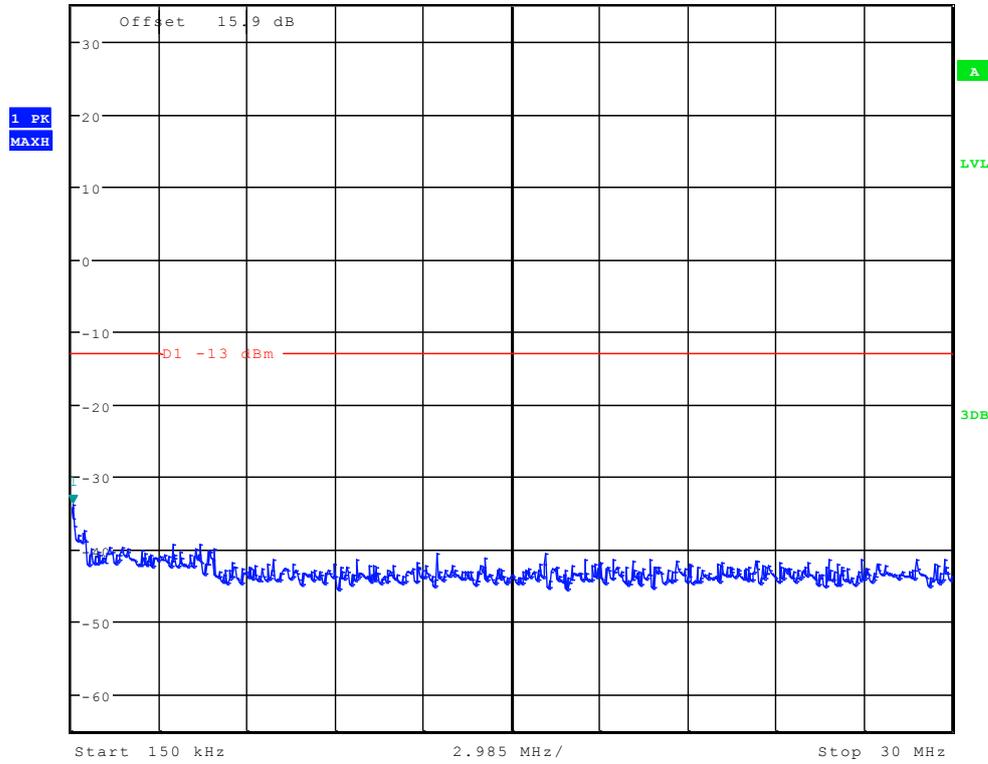
2.1.1.2 Channel =M



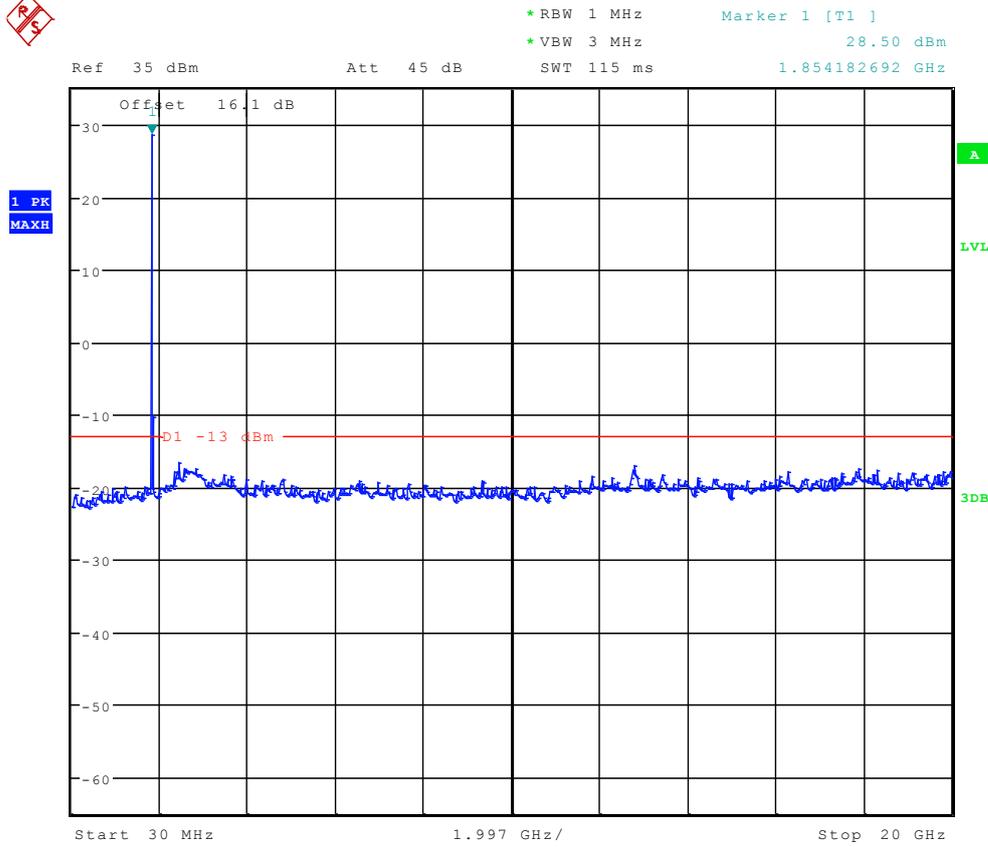
Date: 31.MAY.2012 12:12:44



*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -33.87 dBm
Ref 35 dBm Att 45 dB SWT 300 ms 197.836538462 kHz



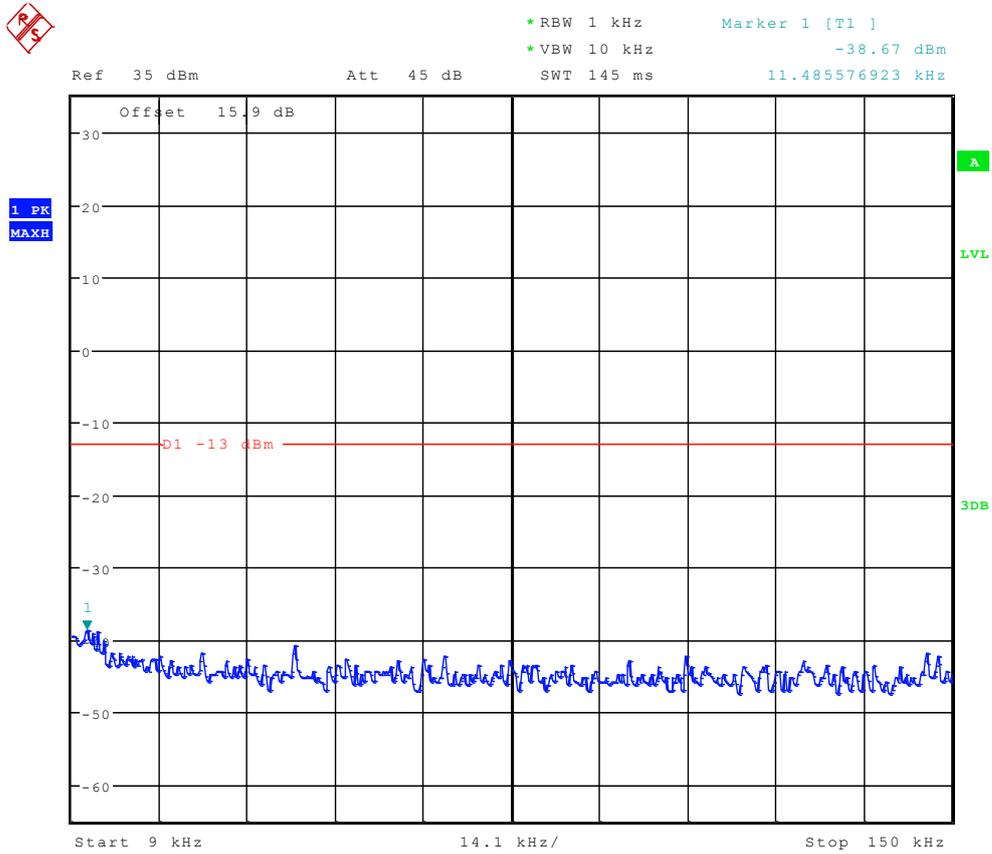
Date: 31.MAY.2012 12:13:27



Date: 31.MAY.2012 12:14:11



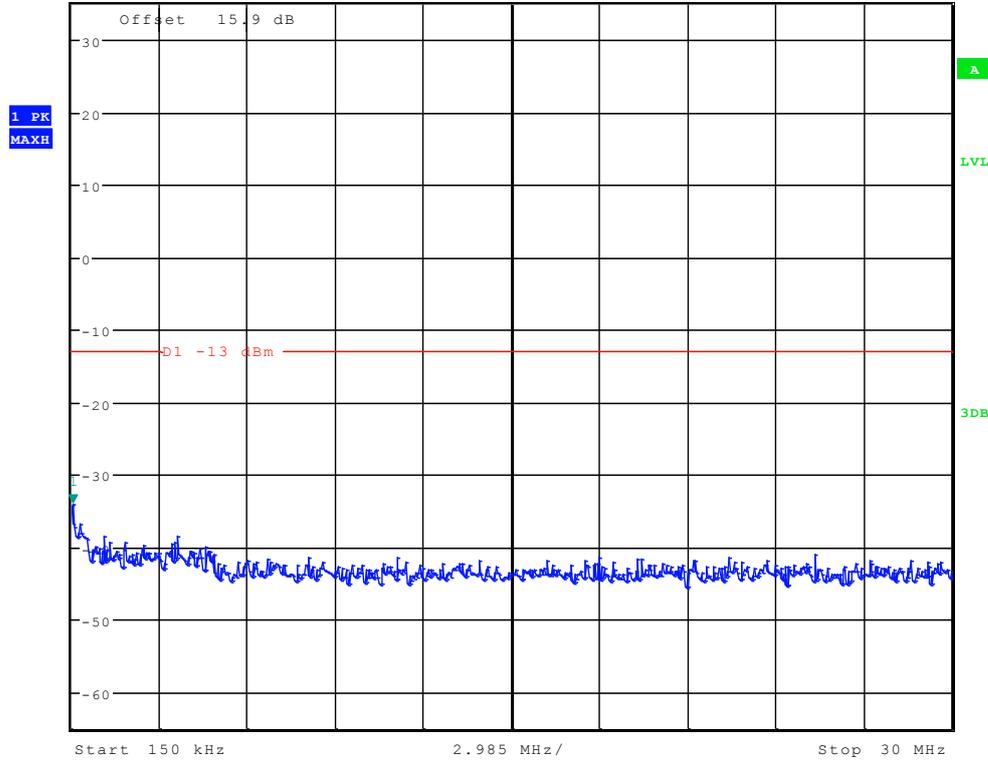
2.1.1.3 Channel =T



Date: 31.MAY.2012 12:12:58



*RBW 10 kHz Marker 1 [T1]
 *VBW 30 kHz -34.04 dBm
 Ref 35 dBm Att 45 dB SWT 300 ms 197.836538462 kHz



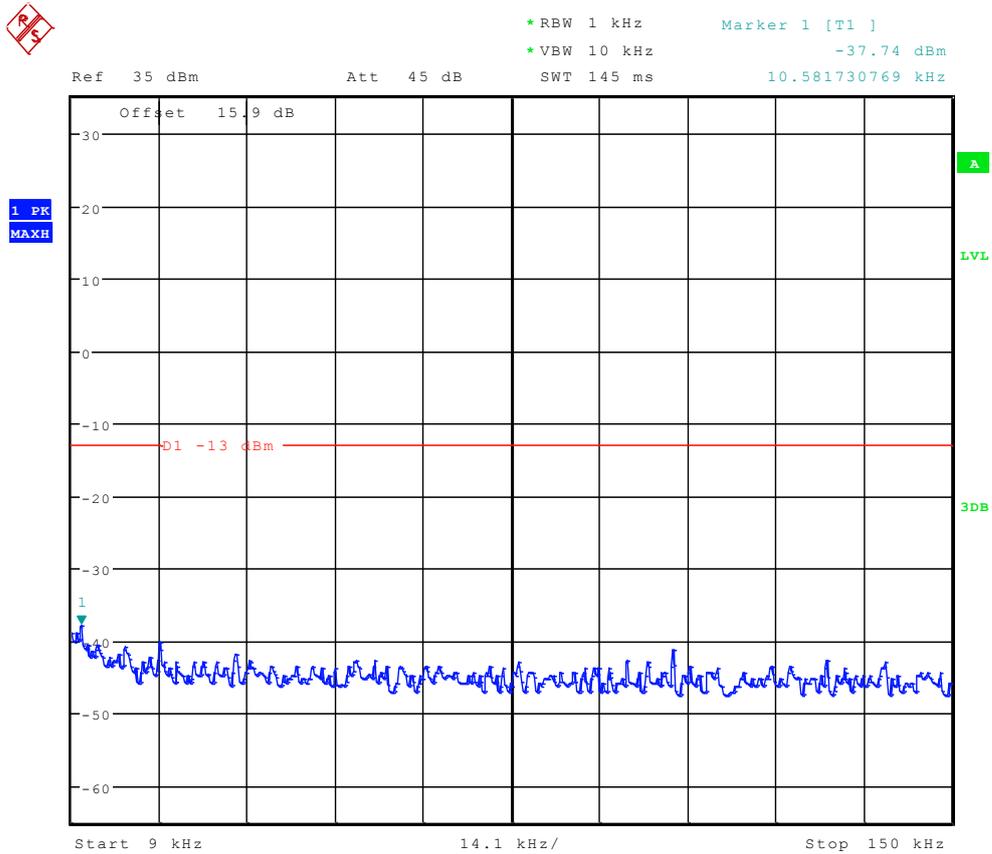
Date: 31.MAY.2012 12:13:42



3 For WCDMA Band 2

3.1 Test Mode=TM3

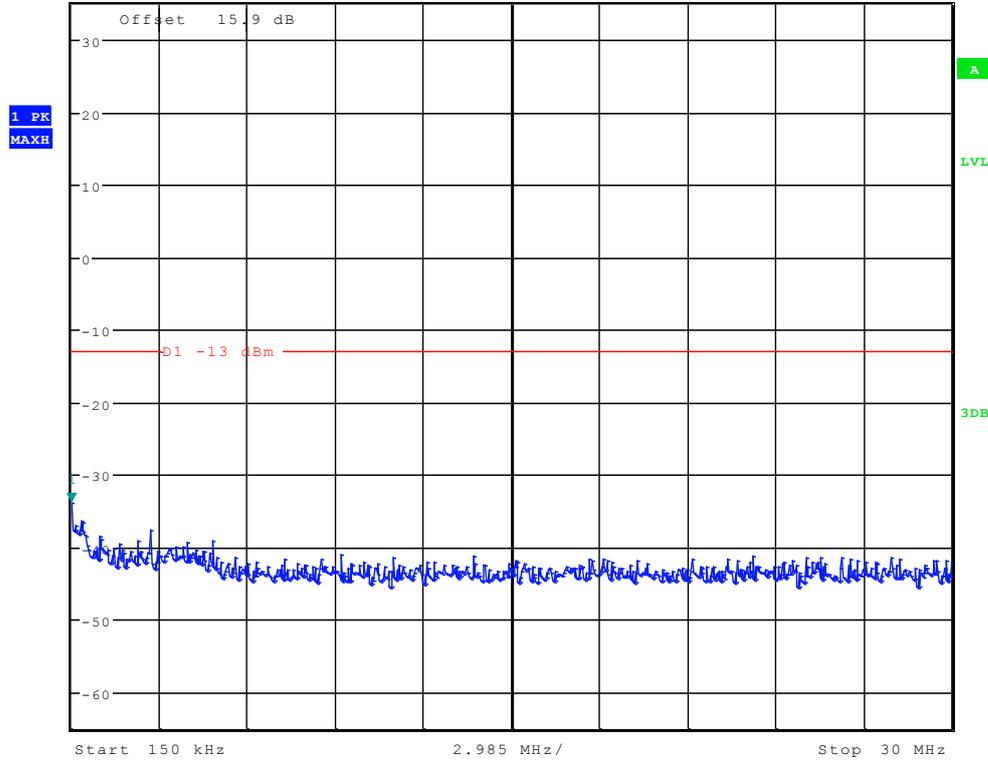
3.1.1.1 Channel = B



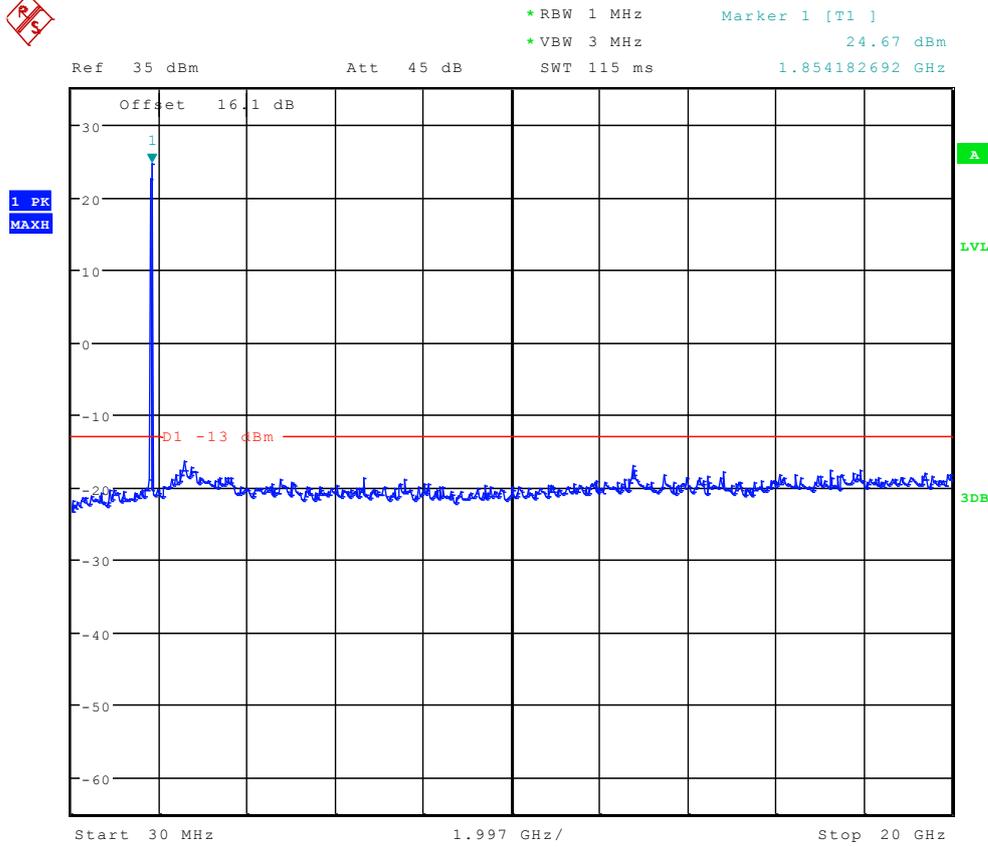
Date: 31.MAY.2012 12:17:35



*RBW 10 kHz Marker 1 [T1]
 *VBW 30 kHz -33.87 dBm
 Ref 35 dBm Att 45 dB SWT 300 ms 150.00000000 kHz



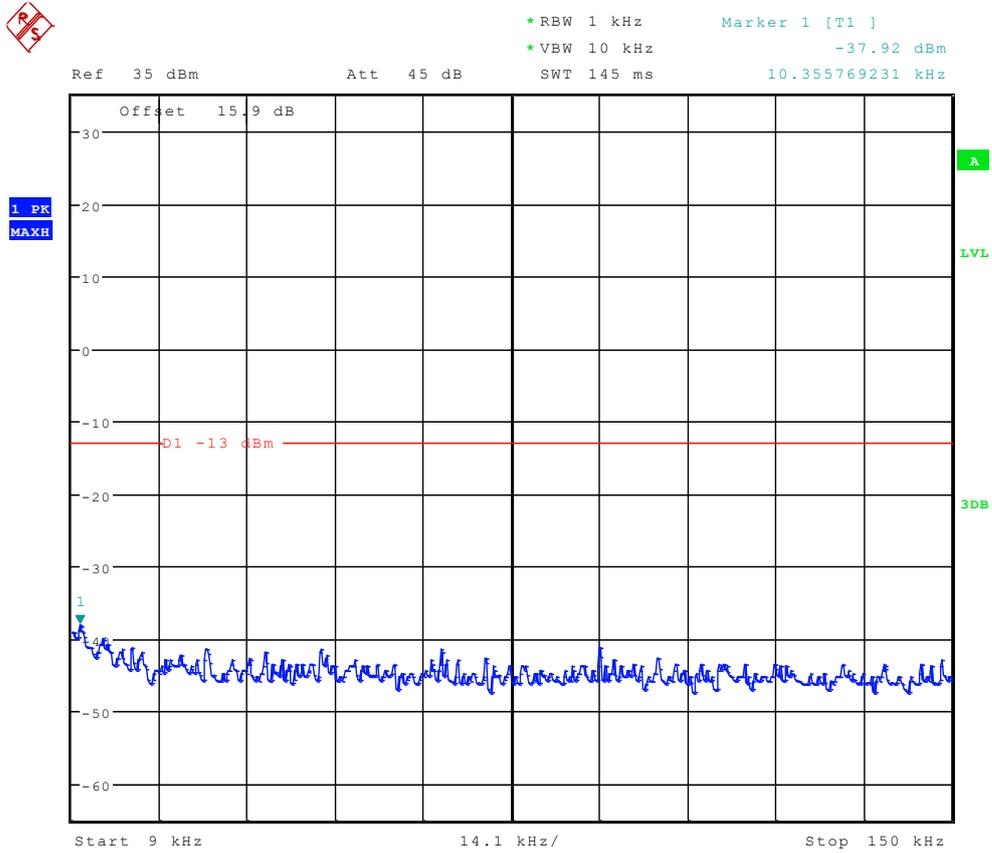
Date: 31.MAY.2012 12:18:19



Date: 31.MAY.2012 12:19:02



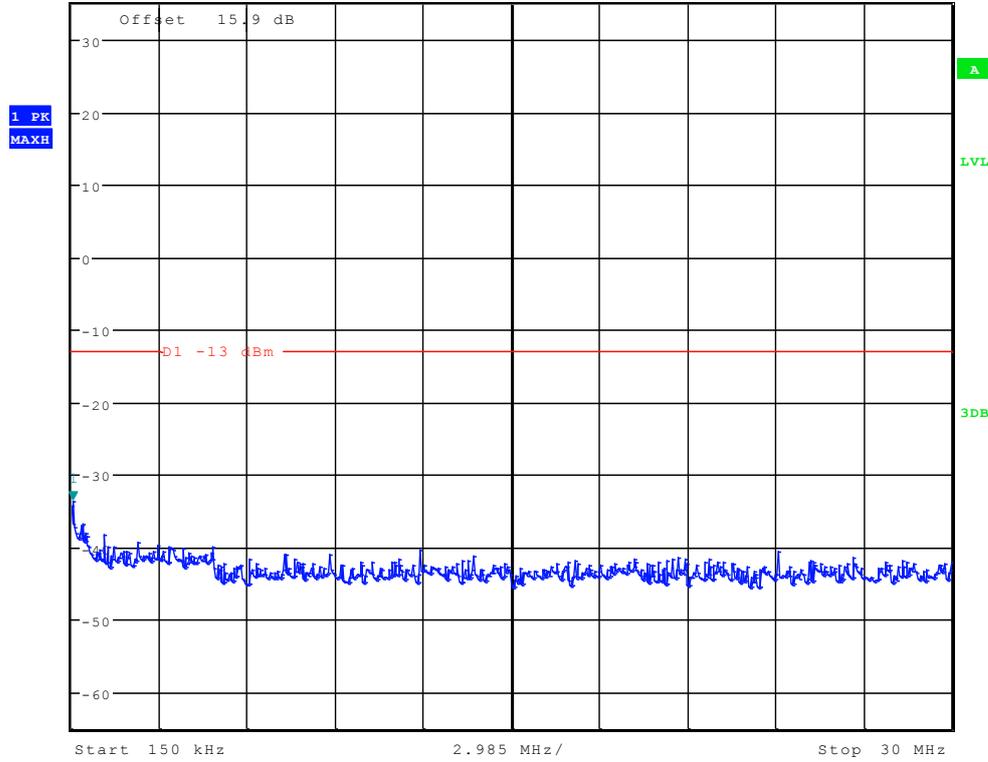
3.1.1.2 Channel = M



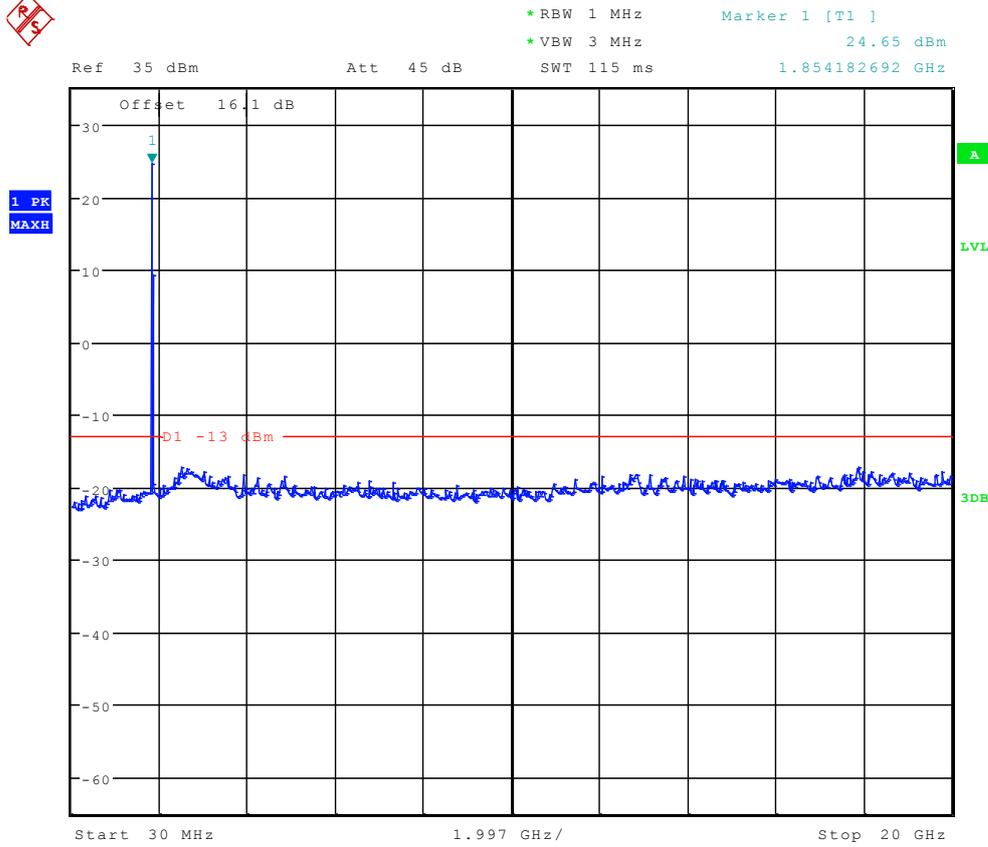
Date: 31.MAY.2012 12:17:50



*RBW 10 kHz Marker 1 [T1]
 *VBW 30 kHz -33.59 dBm
 Ref 35 dBm Att 45 dB SWT 300 ms 197.836538462 kHz



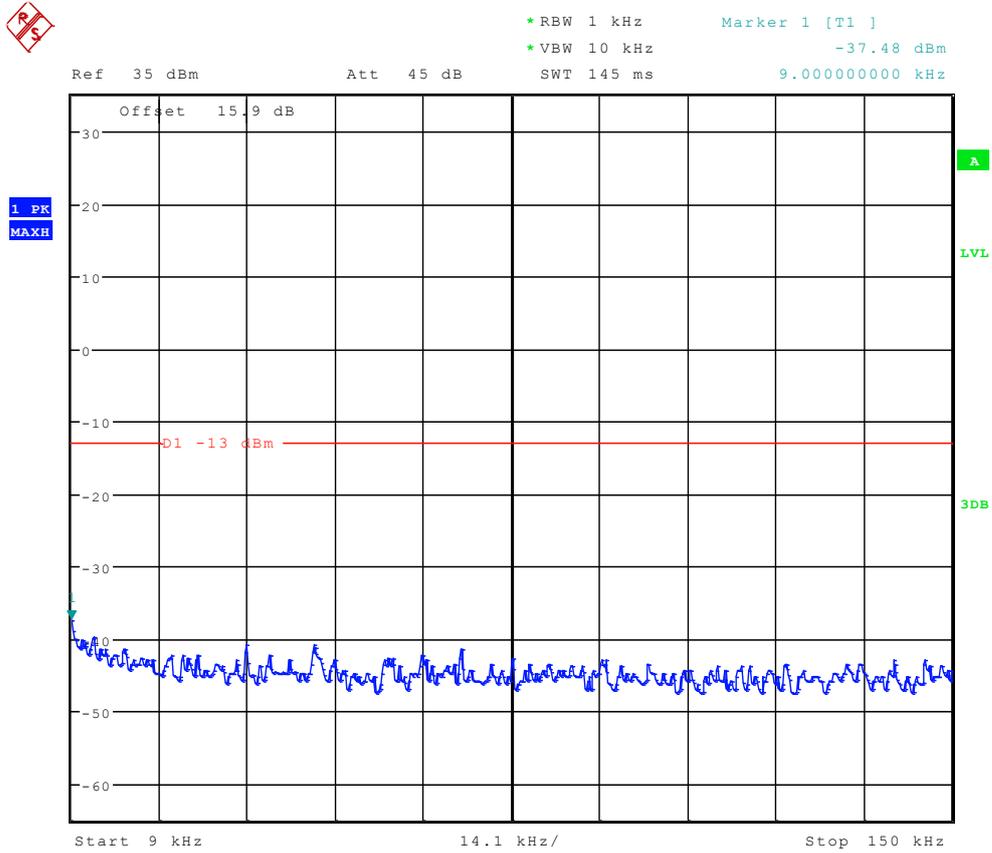
Date: 31.MAY.2012 12:18:33



Date: 31.MAY.2012 12:19:17



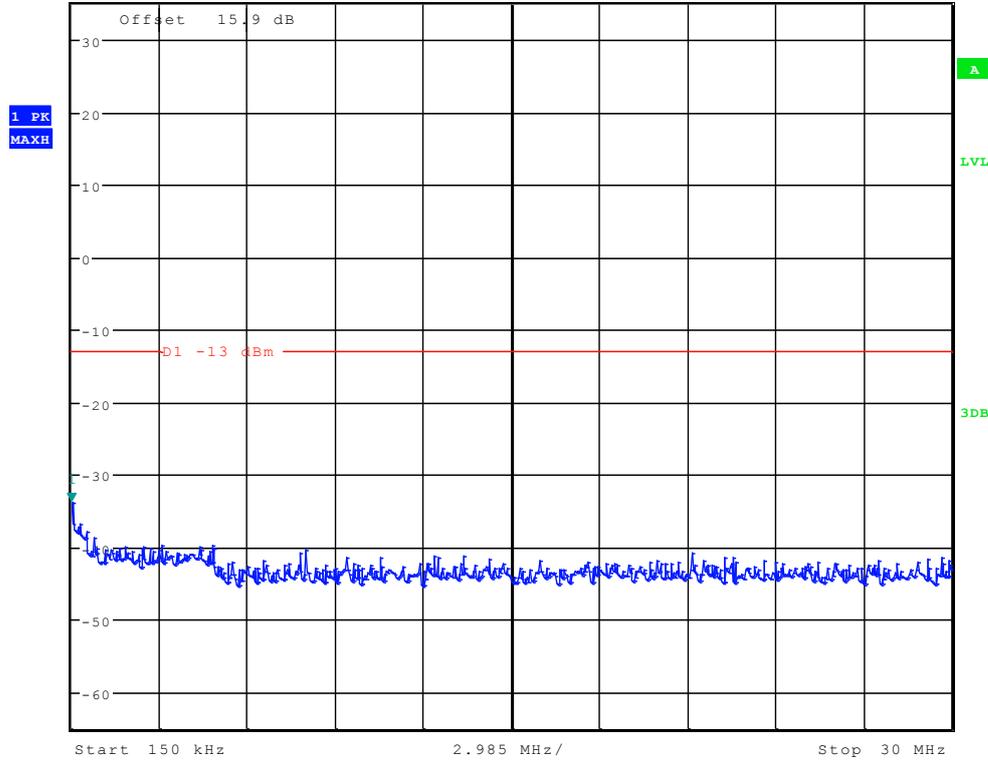
3.1.1.3 Channel = T



Date: 31.MAY.2012 12:18:04



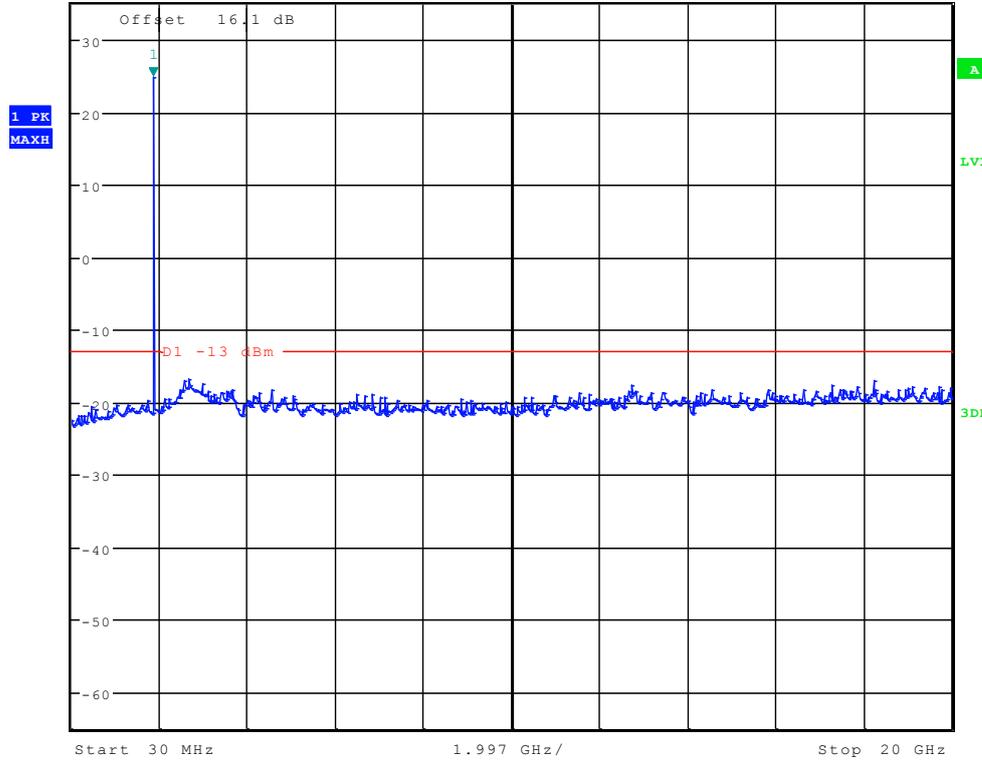
*RBW 10 kHz Marker 1 [T1]
 *VBW 30 kHz -33.70 dBm
 Ref 35 dBm Att 45 dB SWT 300 ms 150.00000000 kHz



Date: 31.MAY.2012 12:18:48



* RBW 1 MHz Marker 1 [T1]
* VBW 3 MHz 24.84 dBm
Ref 35 dBm Att 45 dB SWT 115 ms 1.886185897 GHz



Date: 31.MAY.2012 12:19:31



4 For LTE Band 2

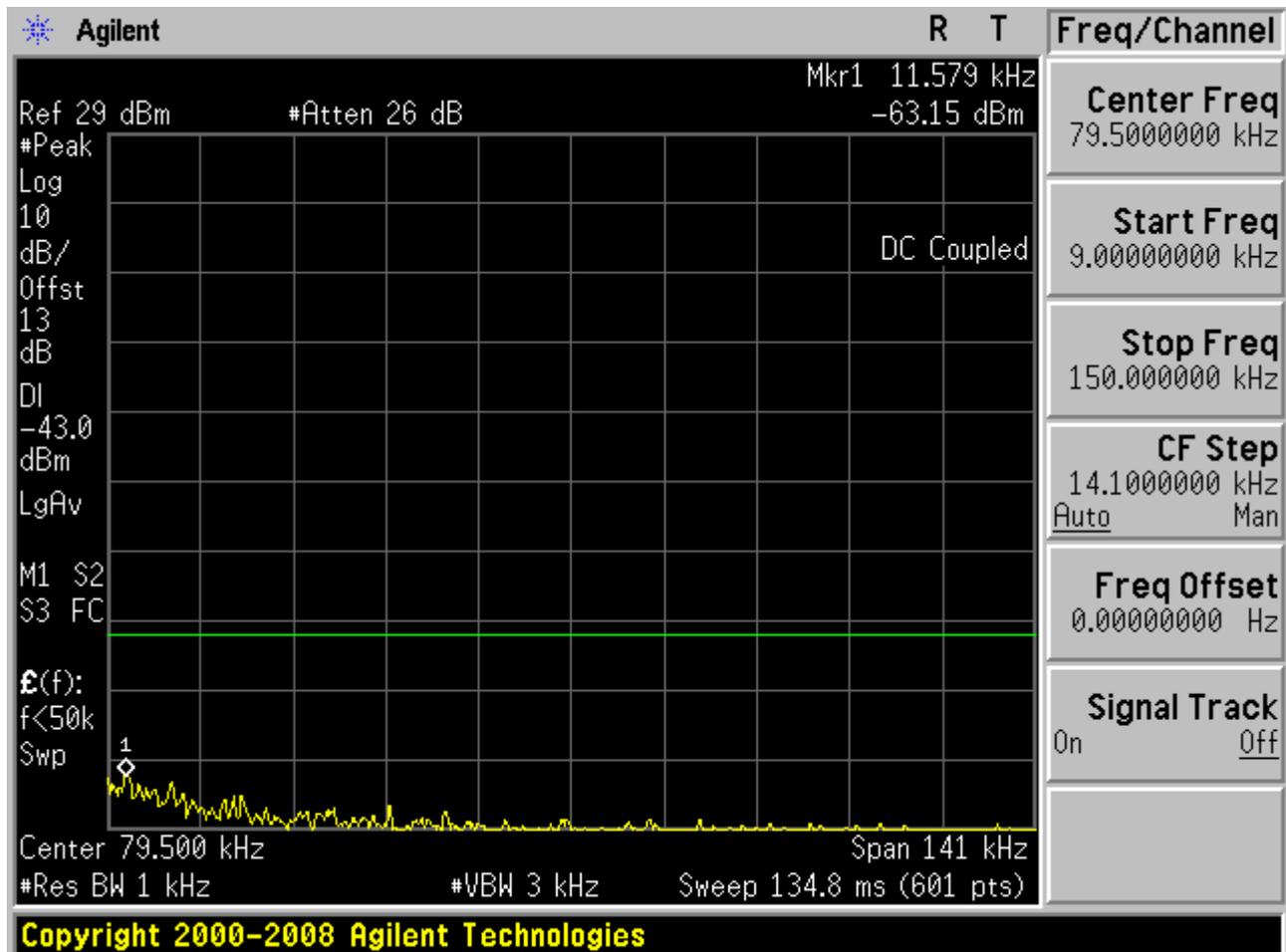
NOTE1: All relevant operation modes have been tested, and the 1RBs /RB#0 case data is included in this report.

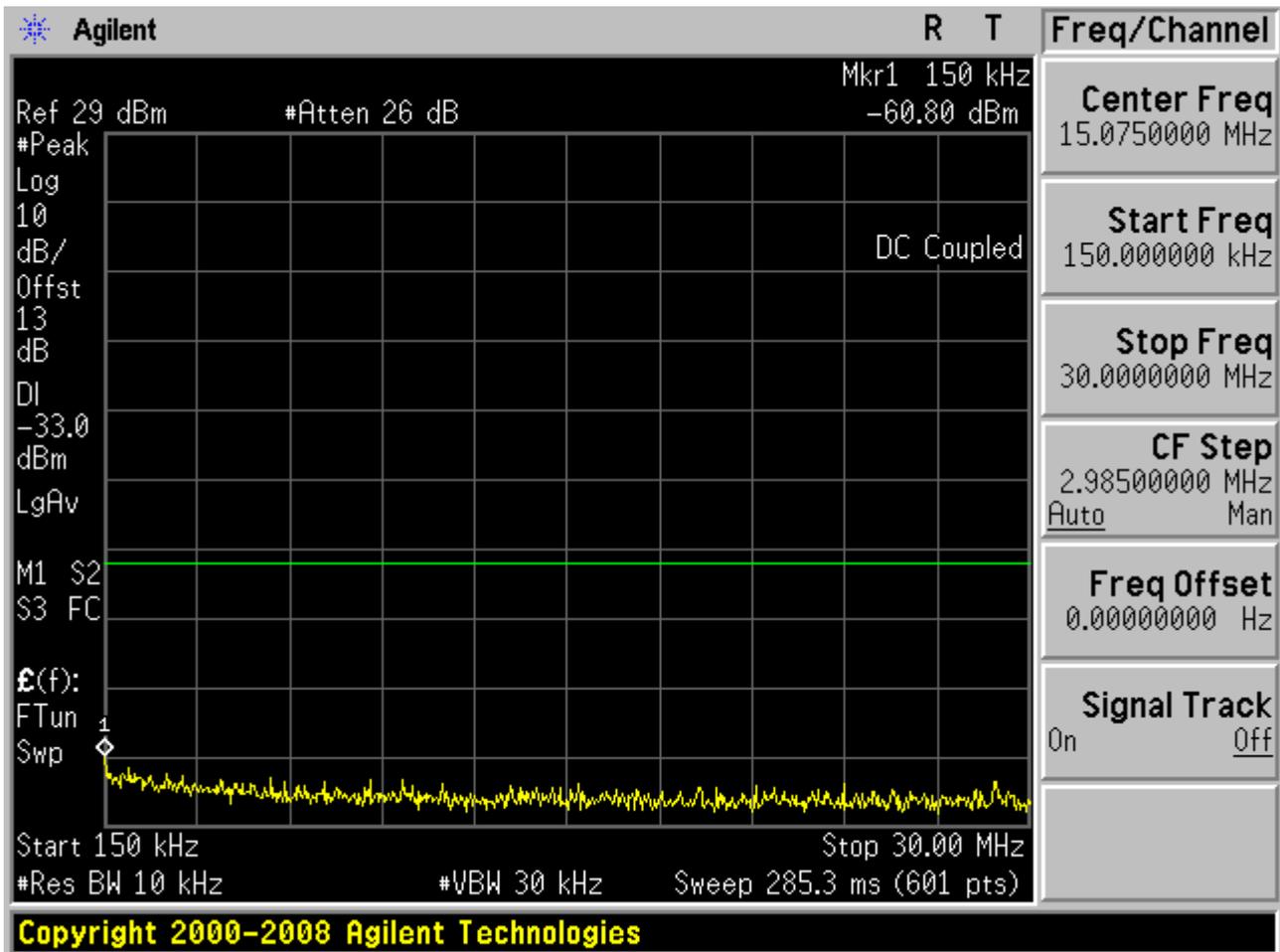
4.1 Test Mode=TM6

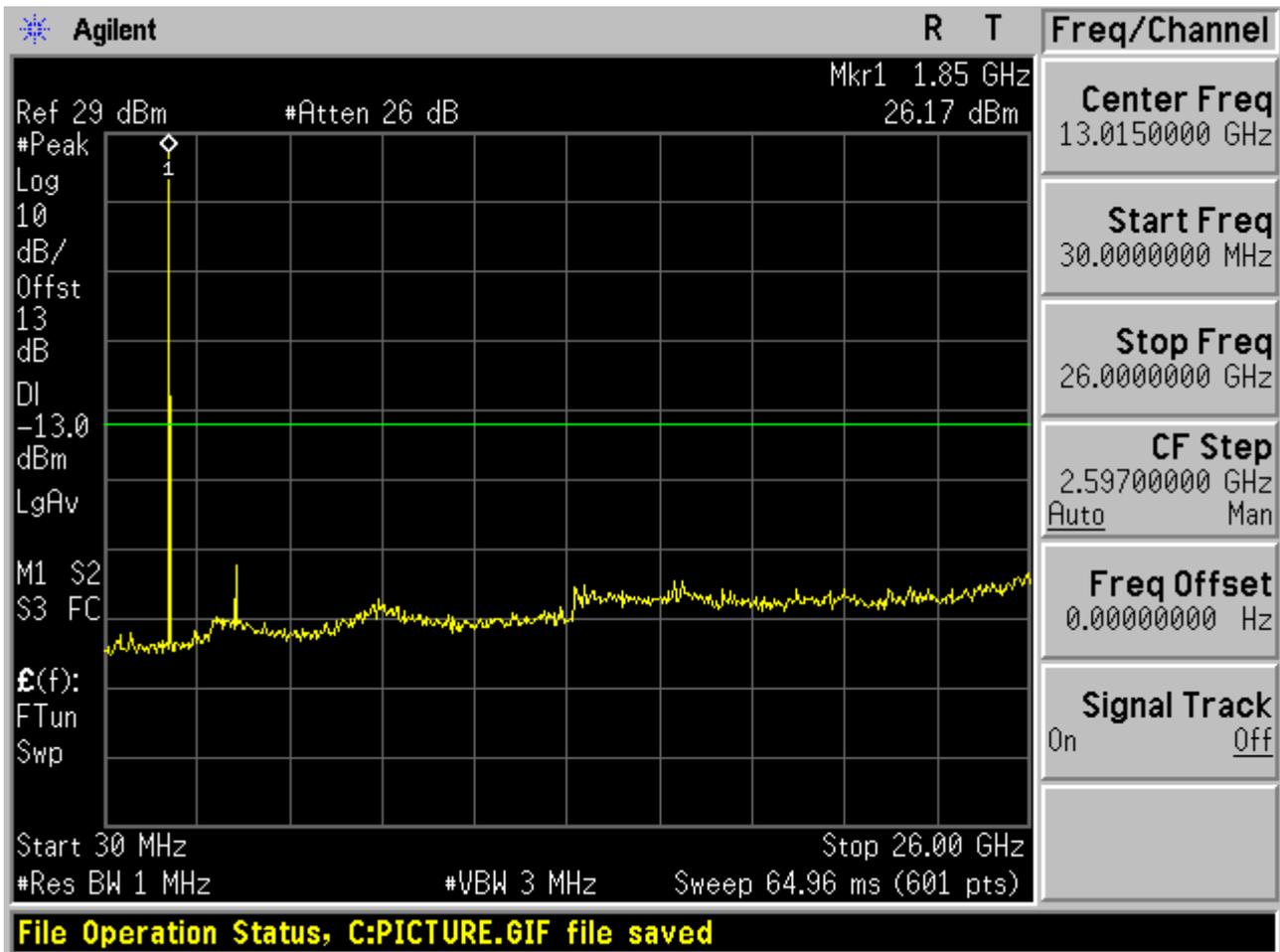
4.1.1 Channel Bandwidth = 5 MHz

4.1.1.1 Channel = B

4.1.1.1.1 QPSK/1RBs /RB #0



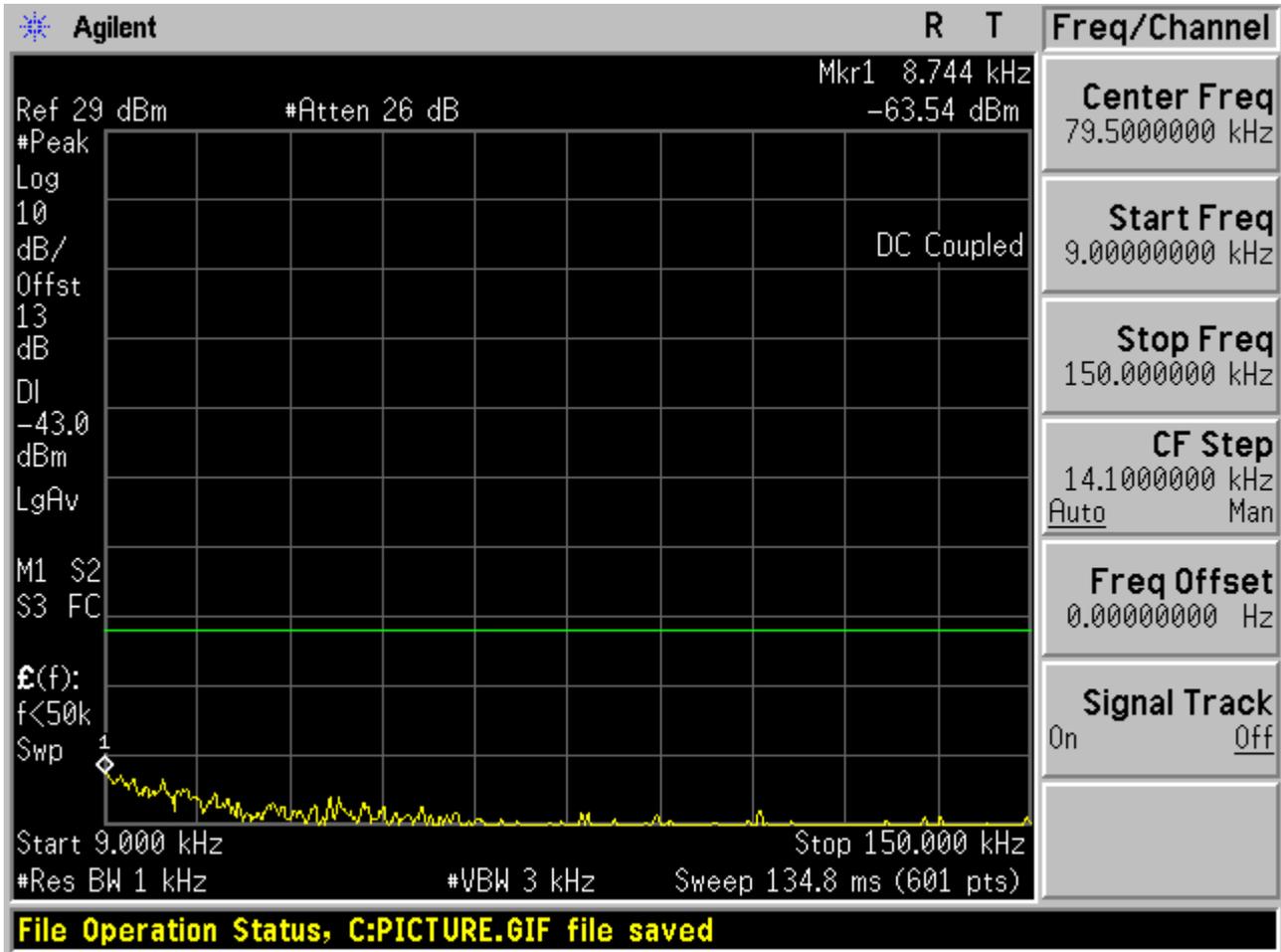


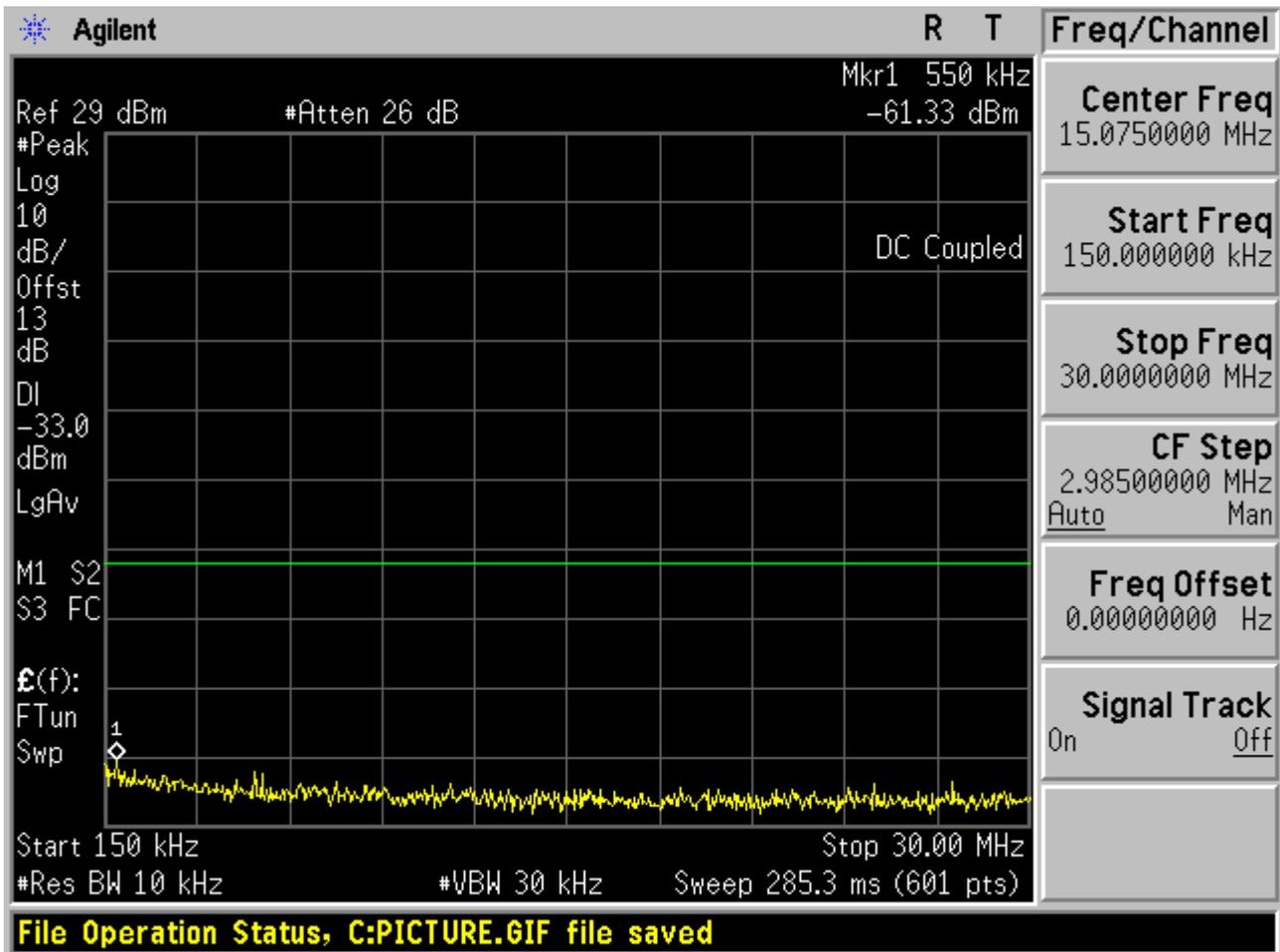


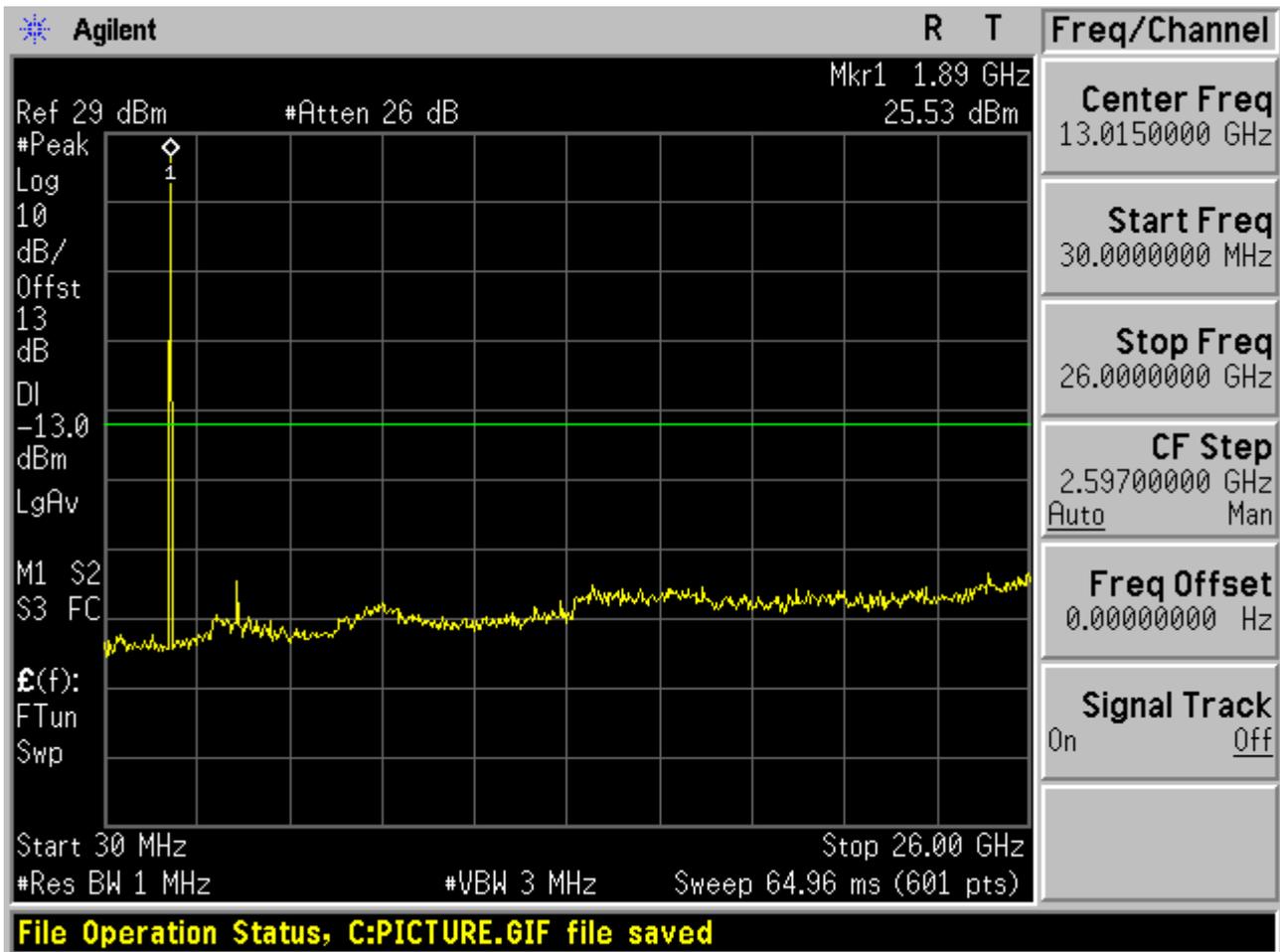


4.1.1.2 Channel = M

4.1.1.2.1 QPSK/1RBs /RB #0



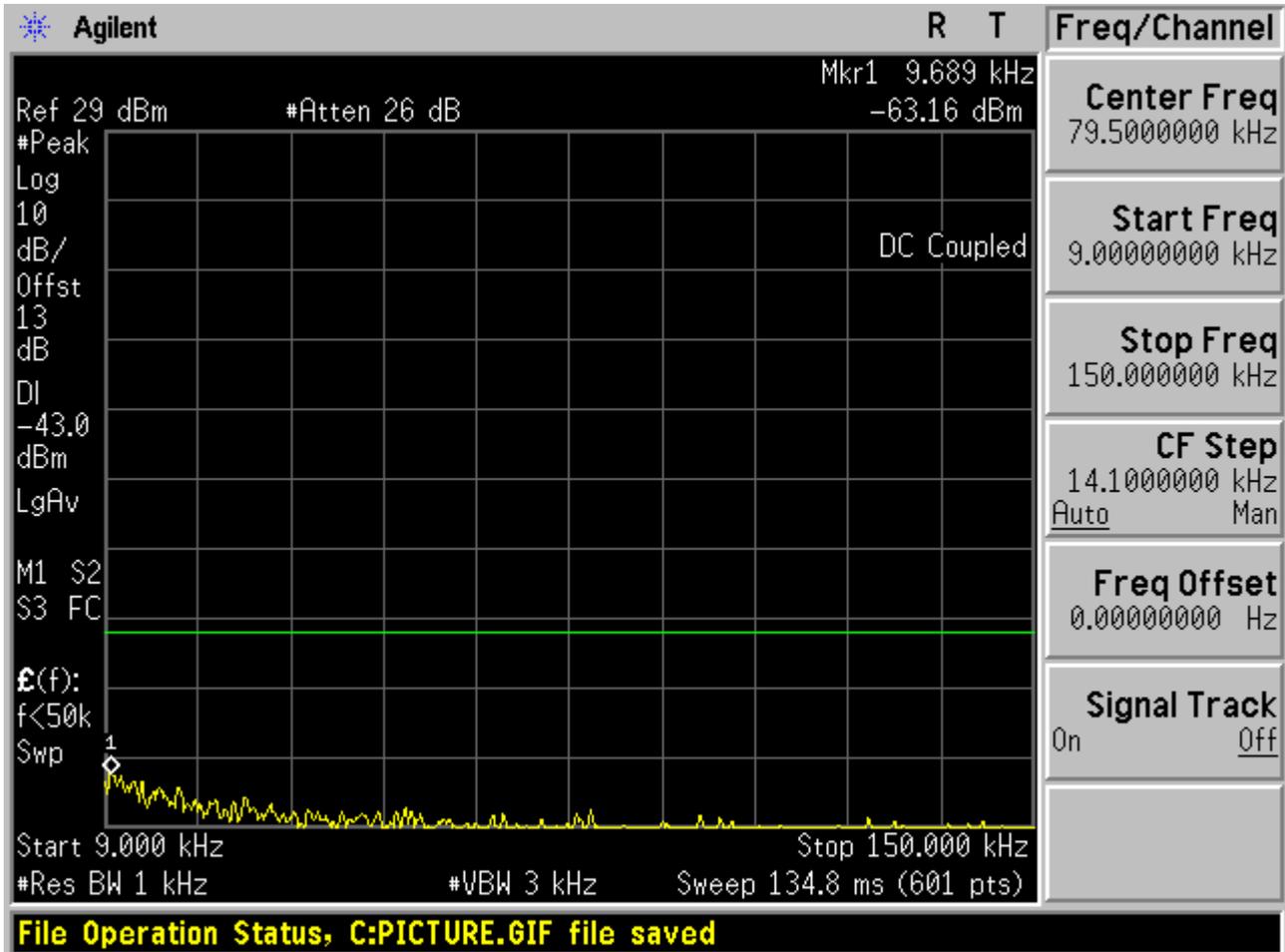


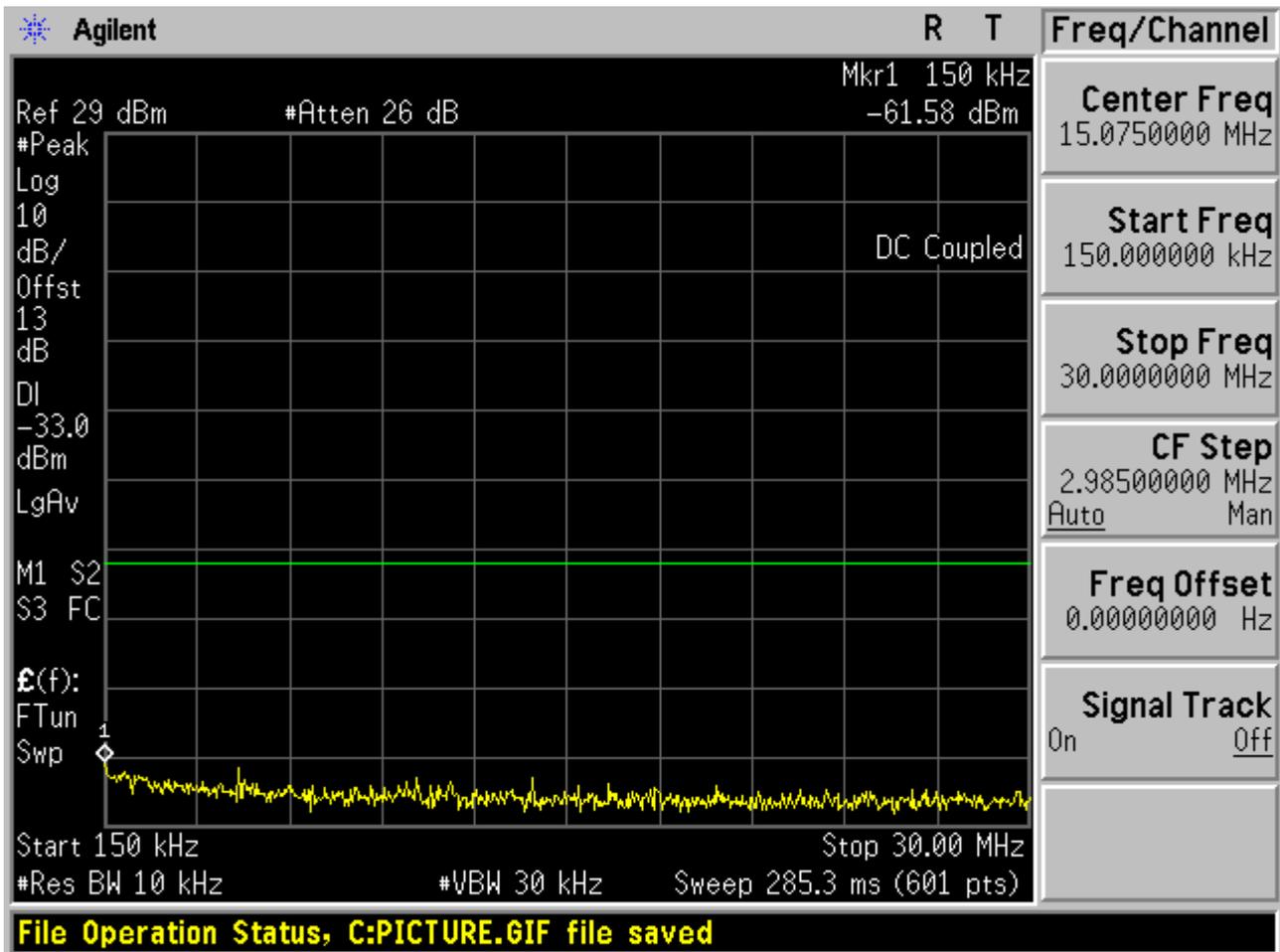


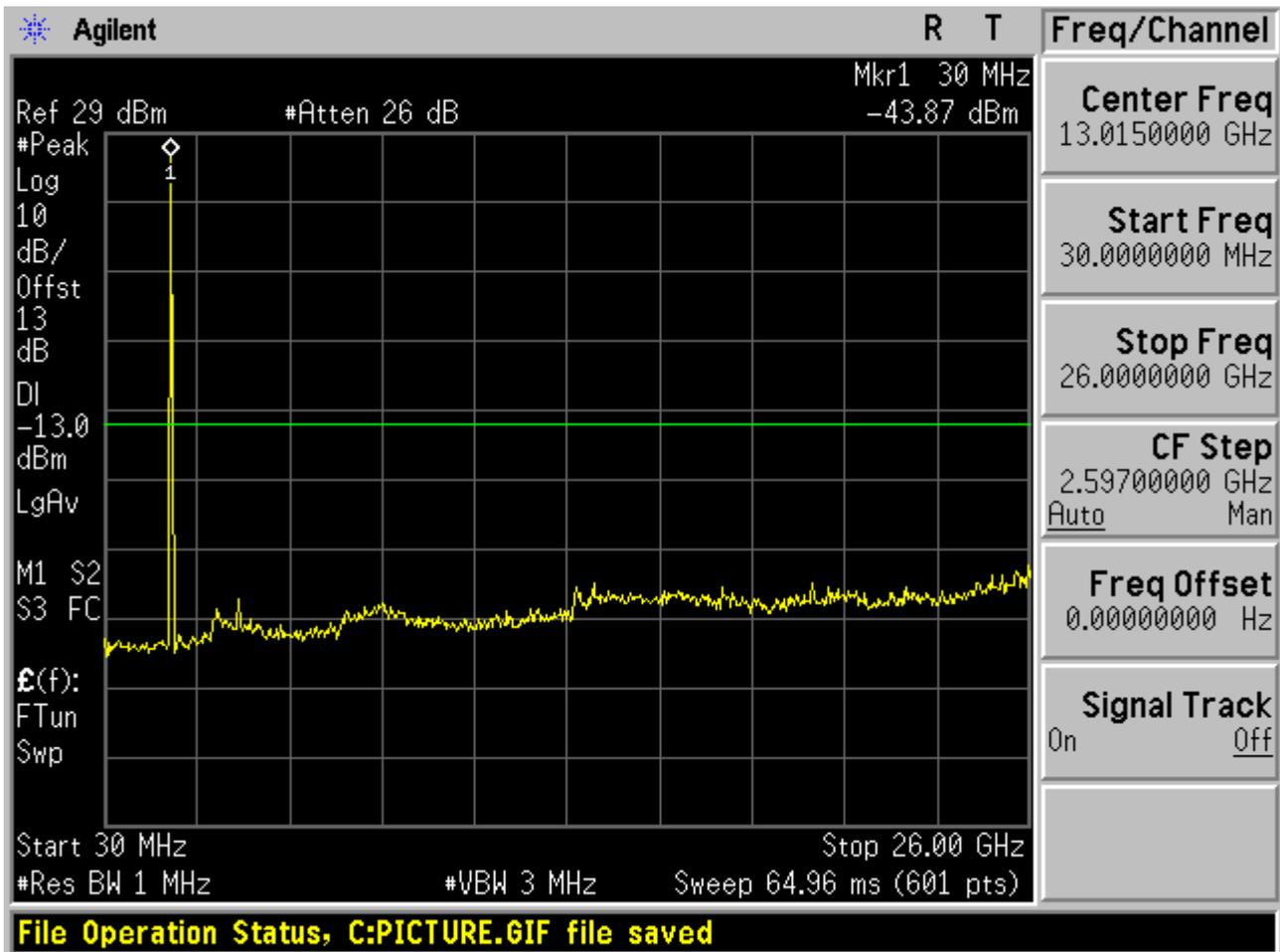


4.1.1.3 Channel = T

4.1.1.3.1 QPSK/1RBs /RB #0





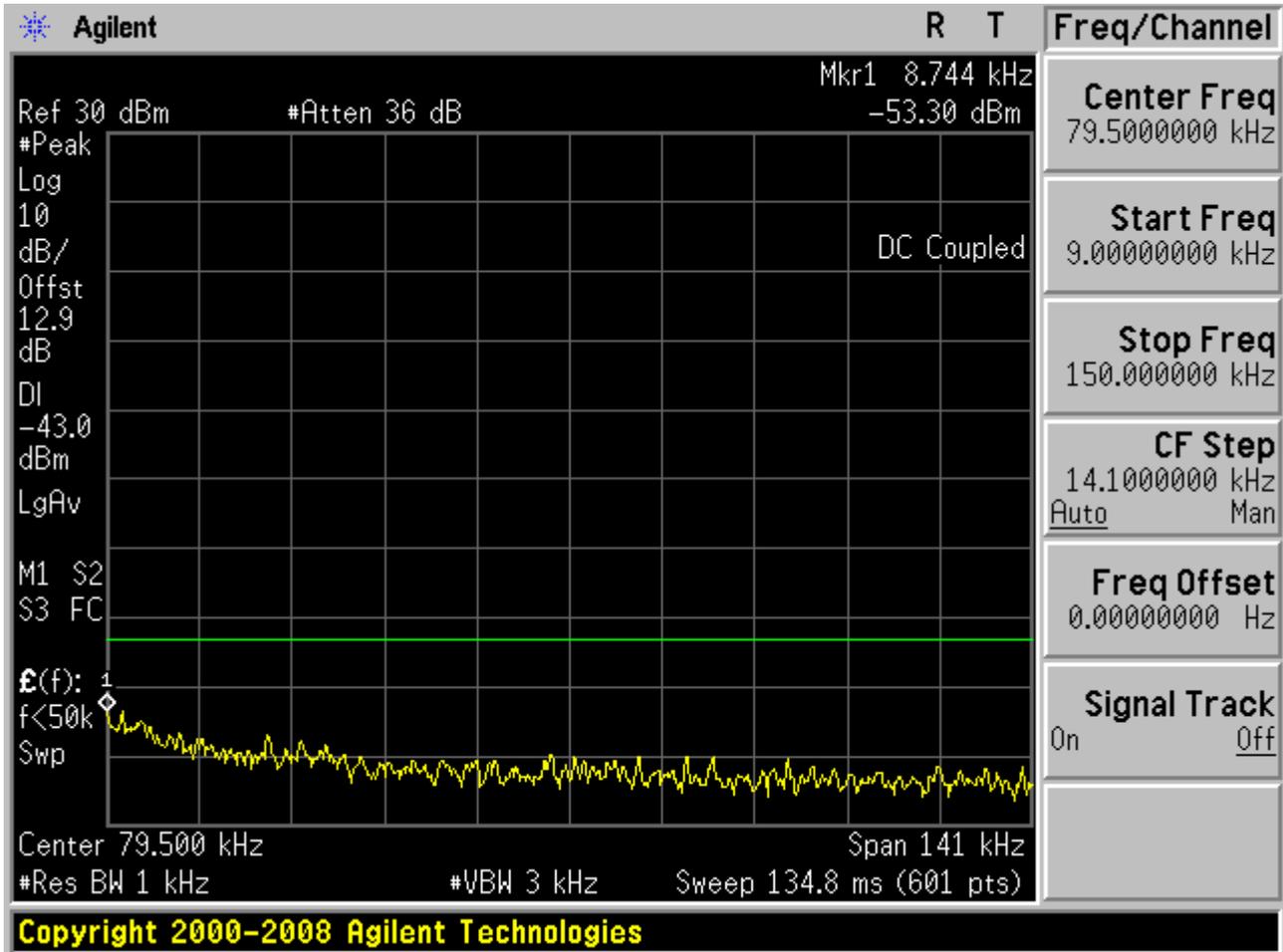


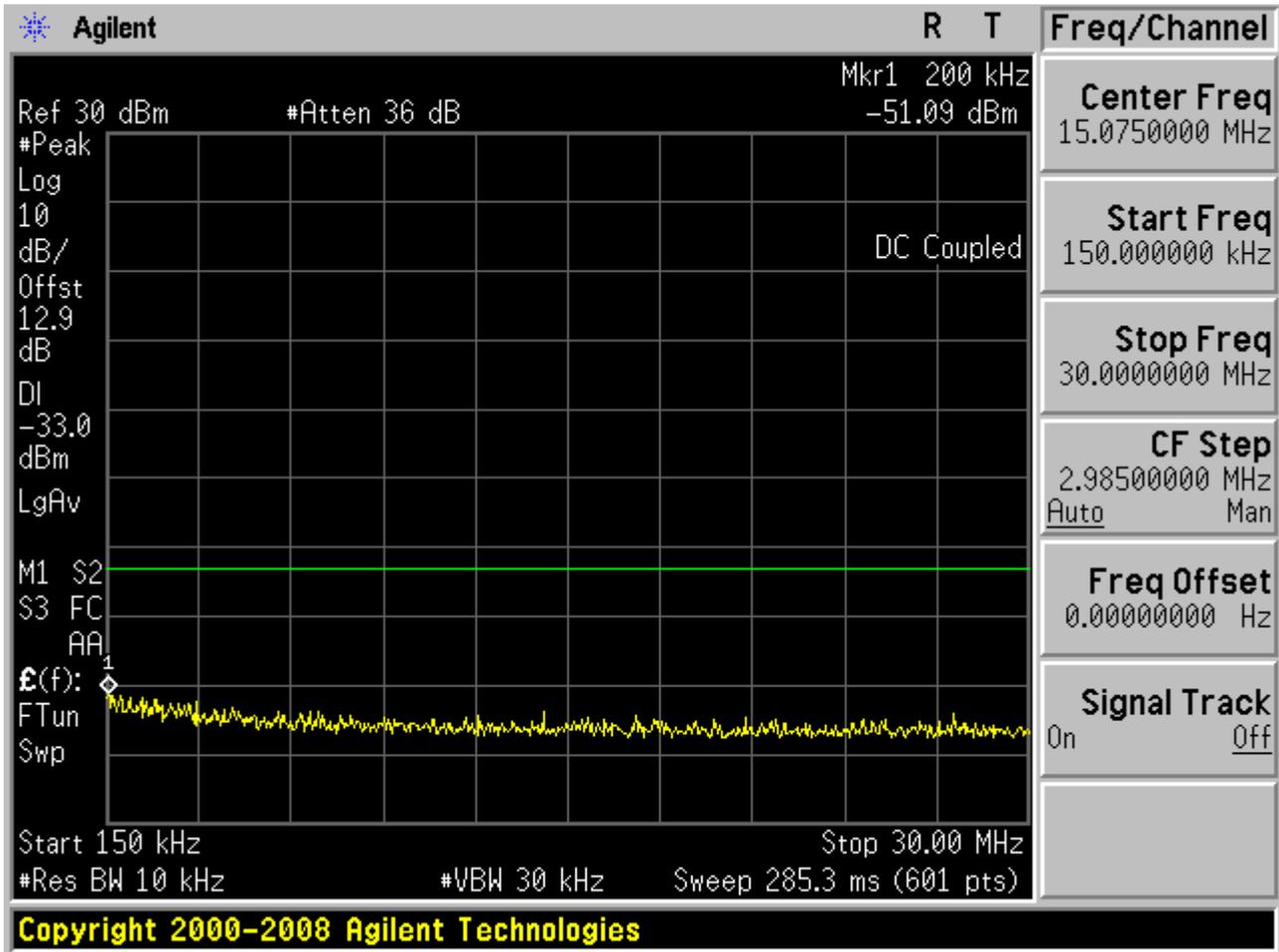


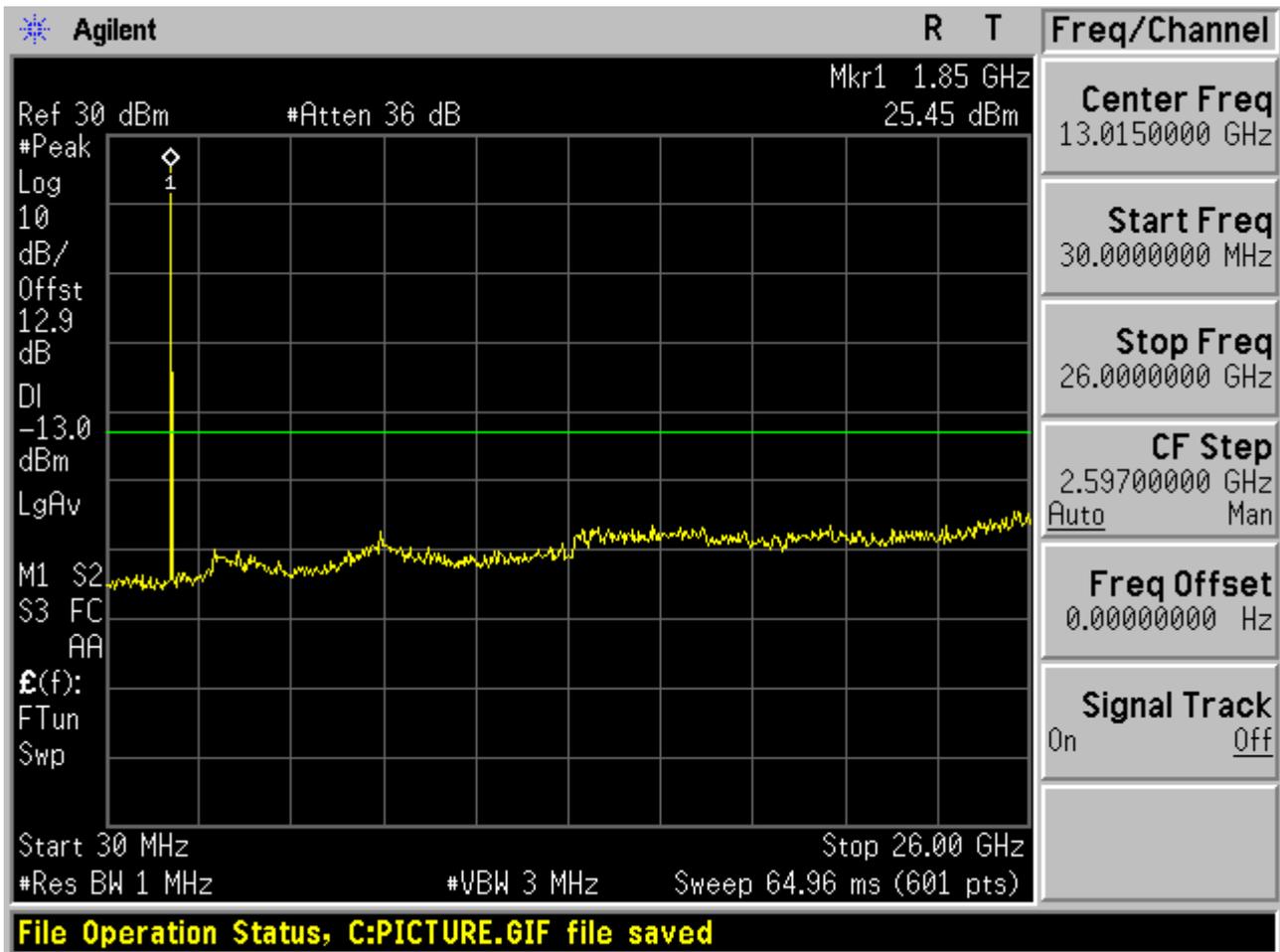
4.1.2 Channel Bandwidth = 10 MHz

4.1.2.1 Channel = B

4.1.2.1.1 QPSK/1RBs /RB #0



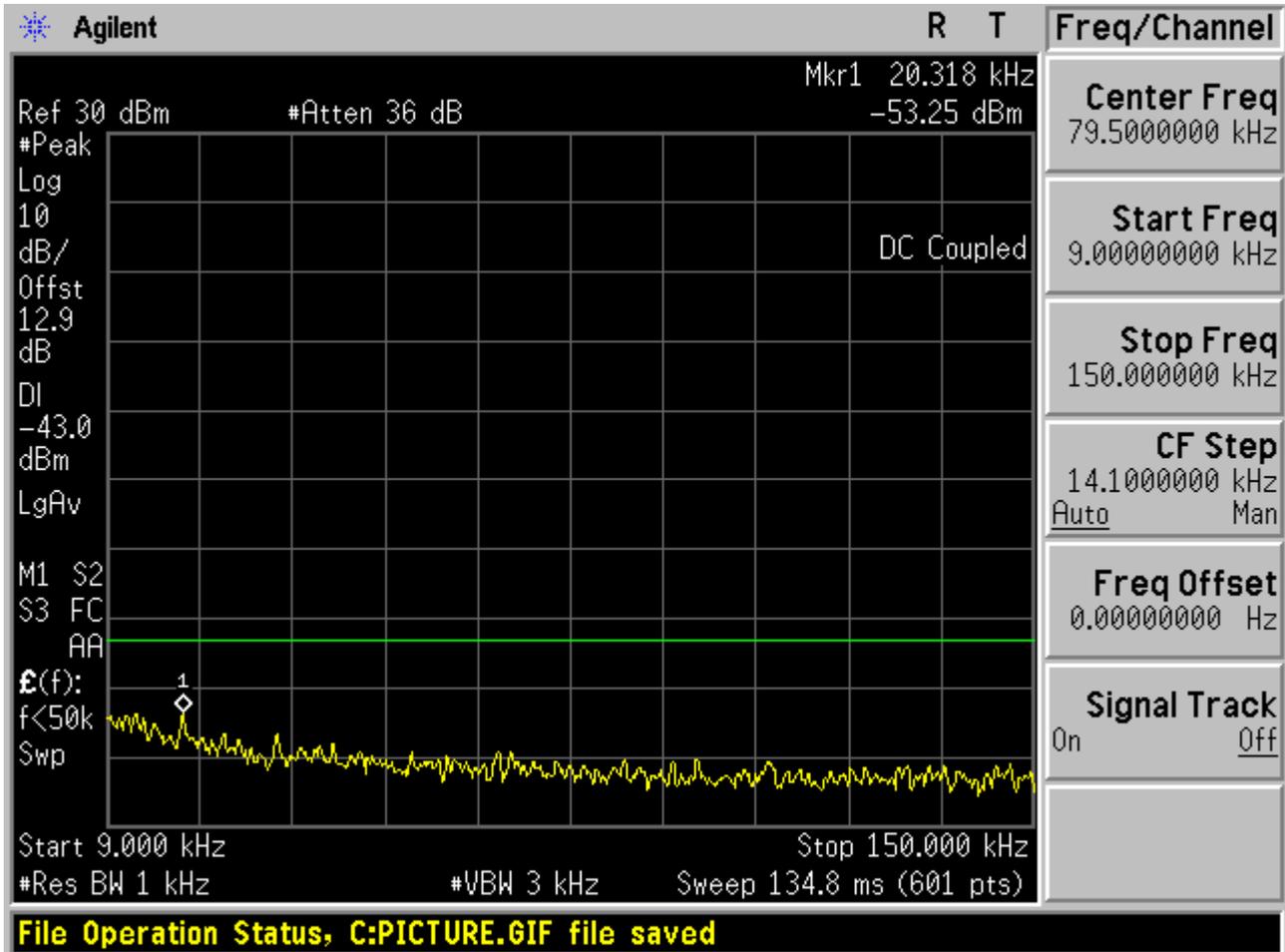


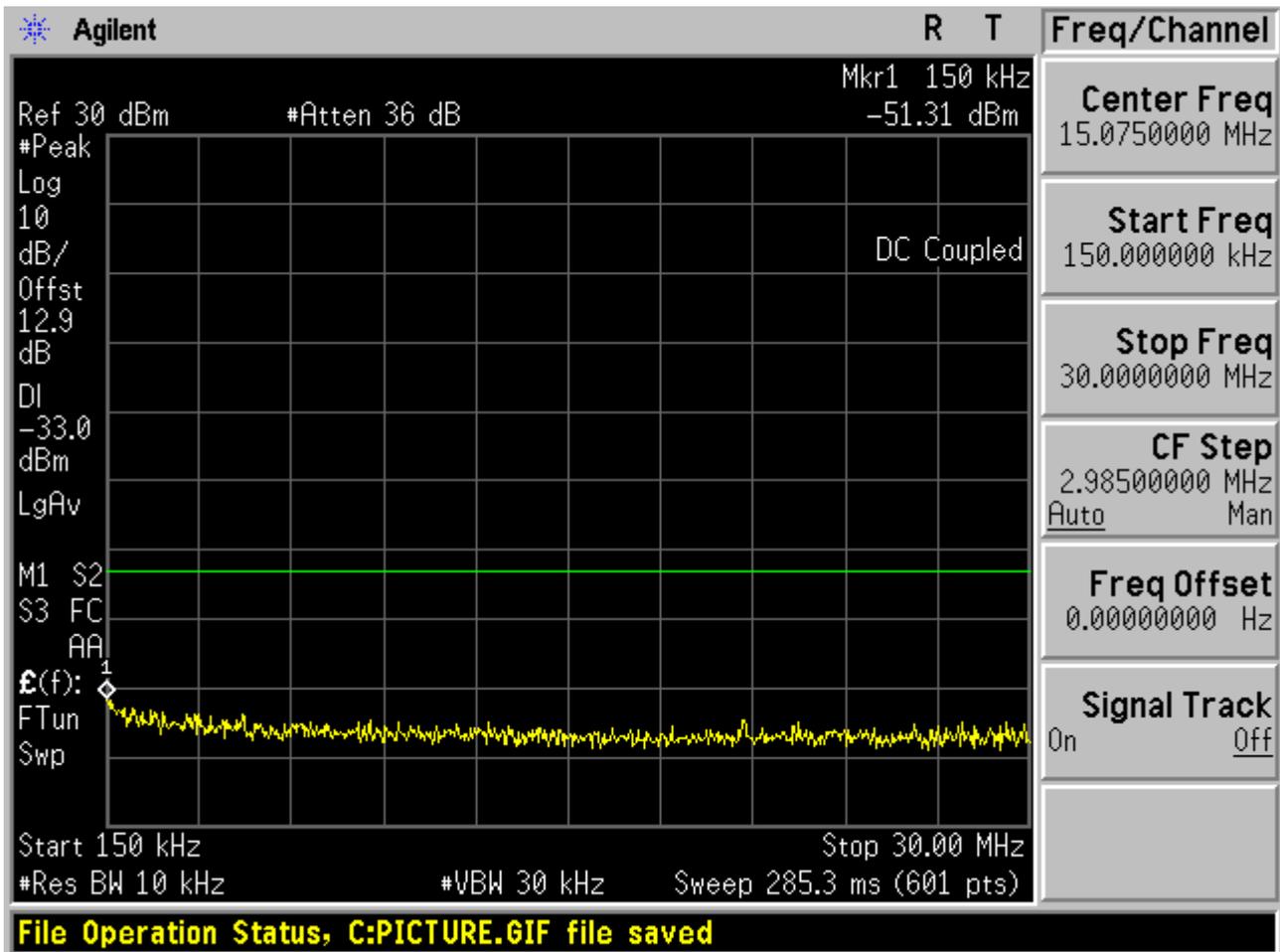


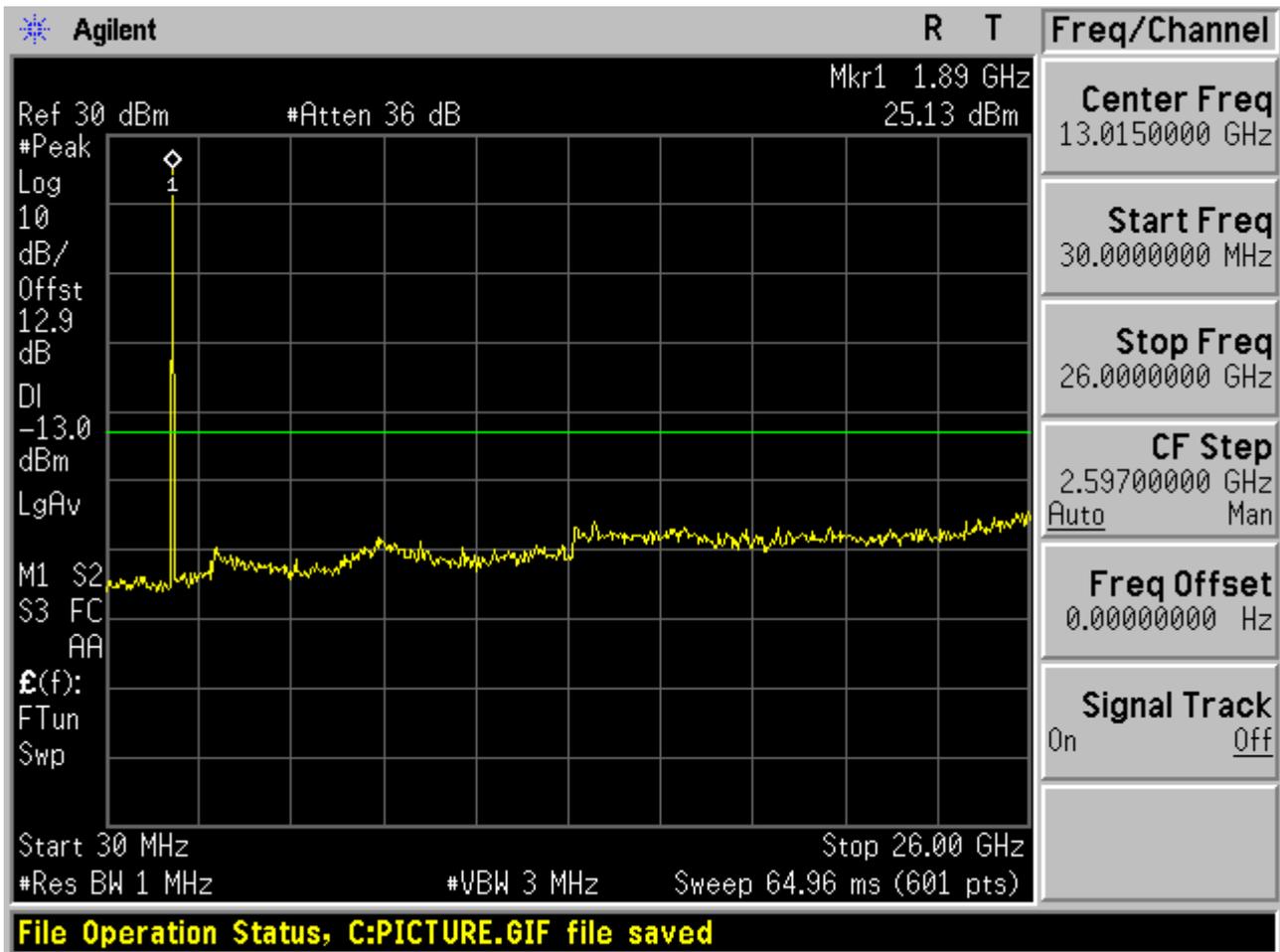


4.1.2.2 Channel = M

4.1.2.2.1 QPSK/1RBs /RB #0



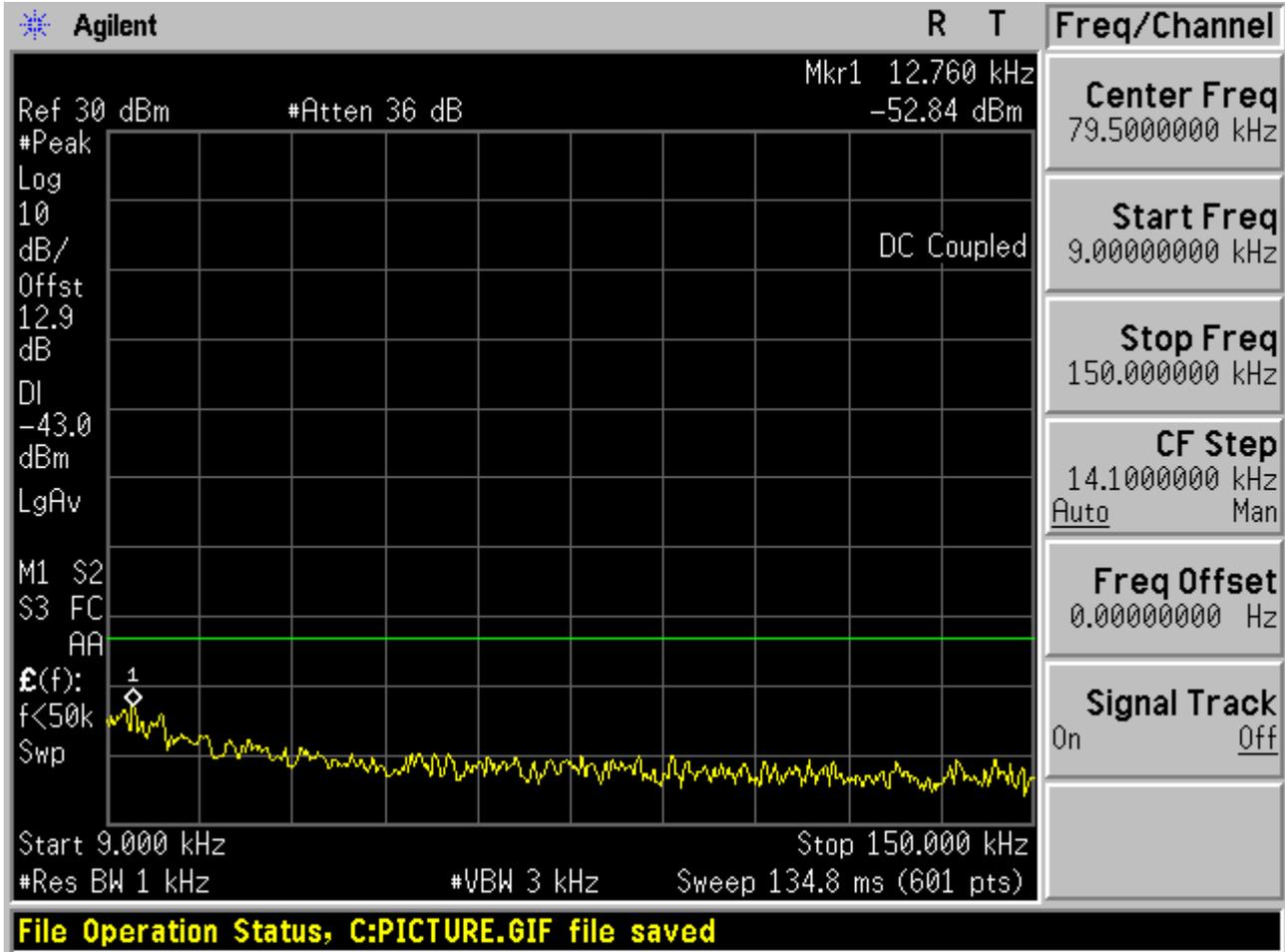


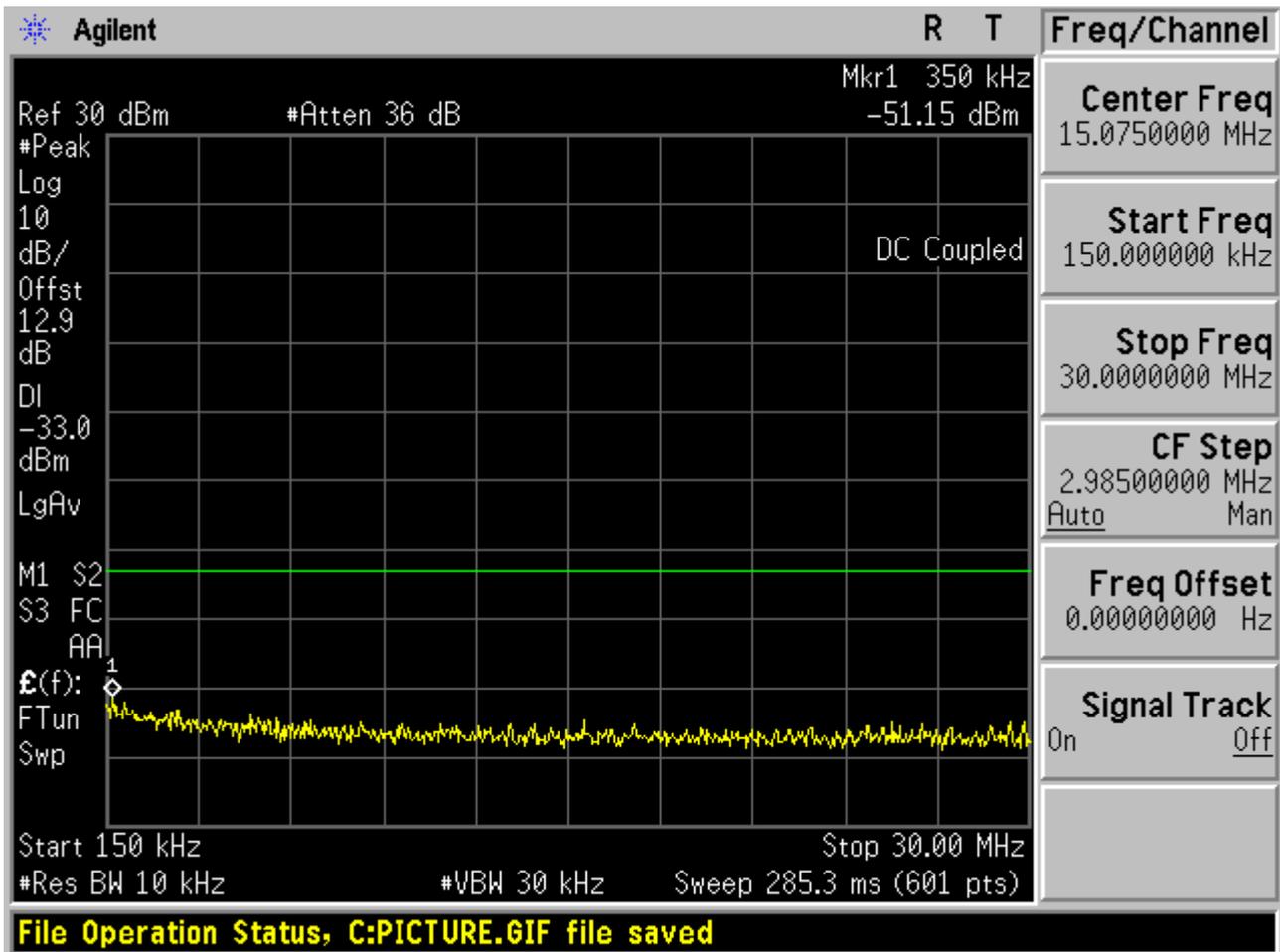


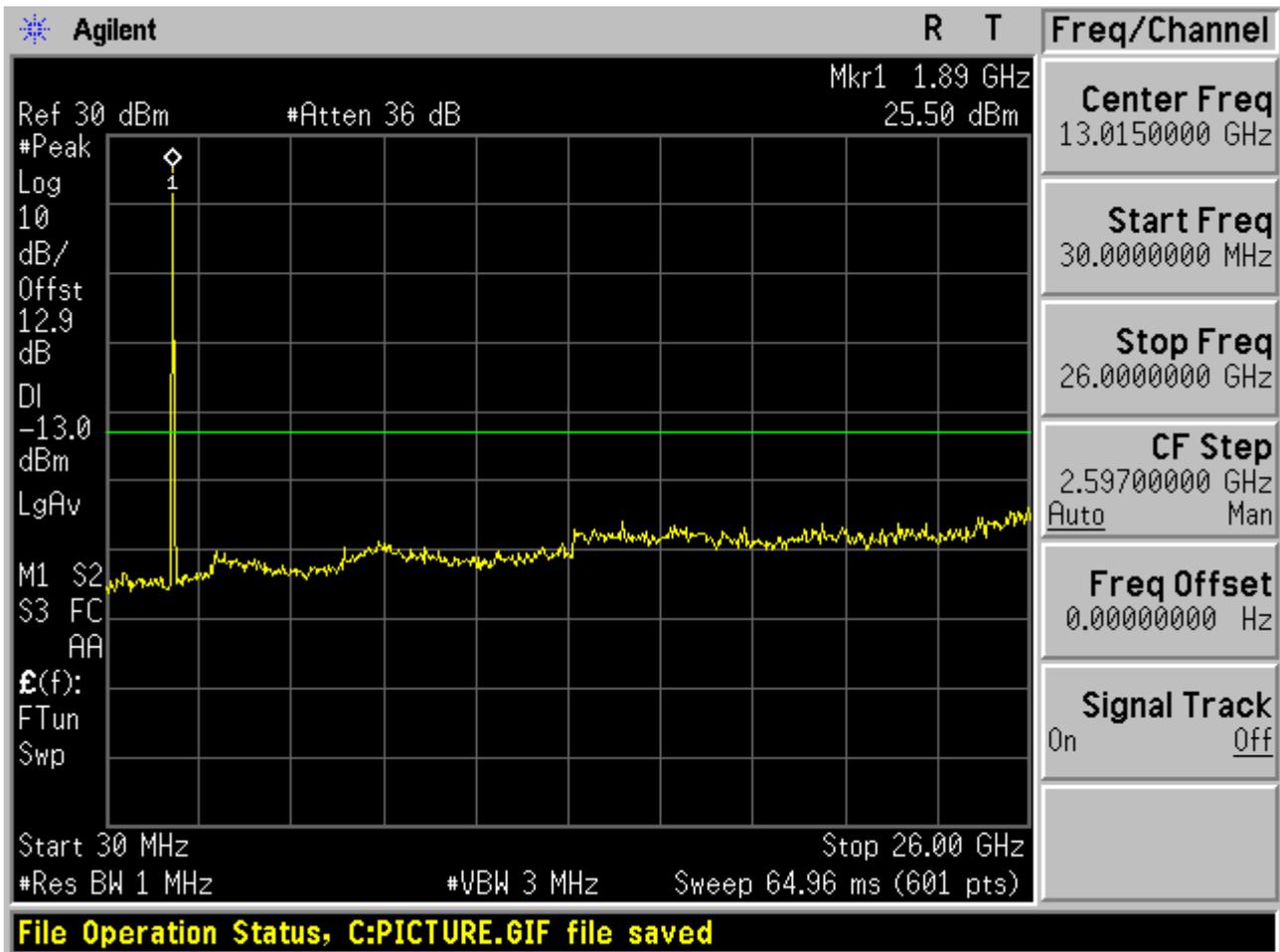


4.1.2.3 Channel = T

4.1.2.3.1 QPSK/1RBs /RB #0





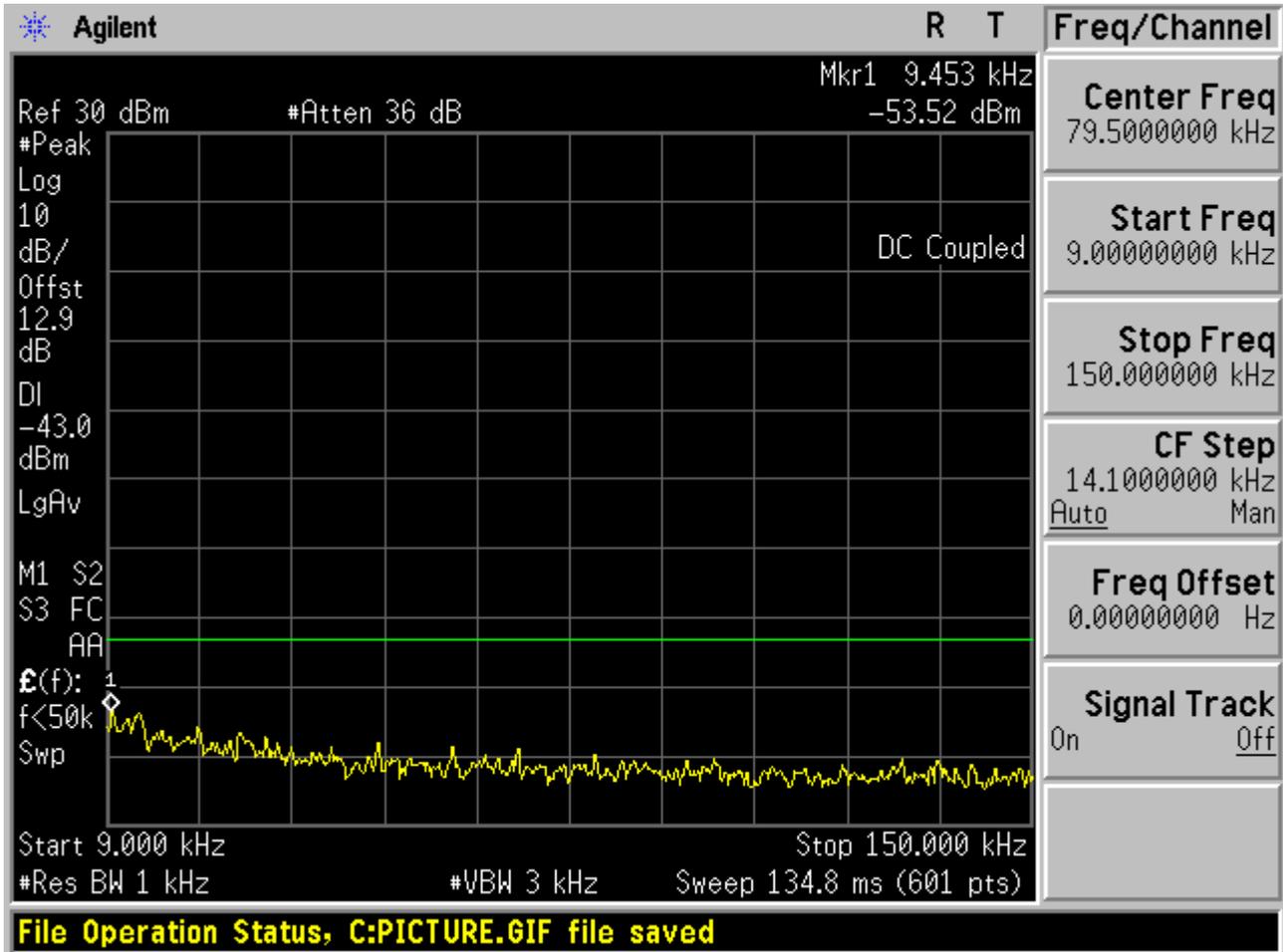


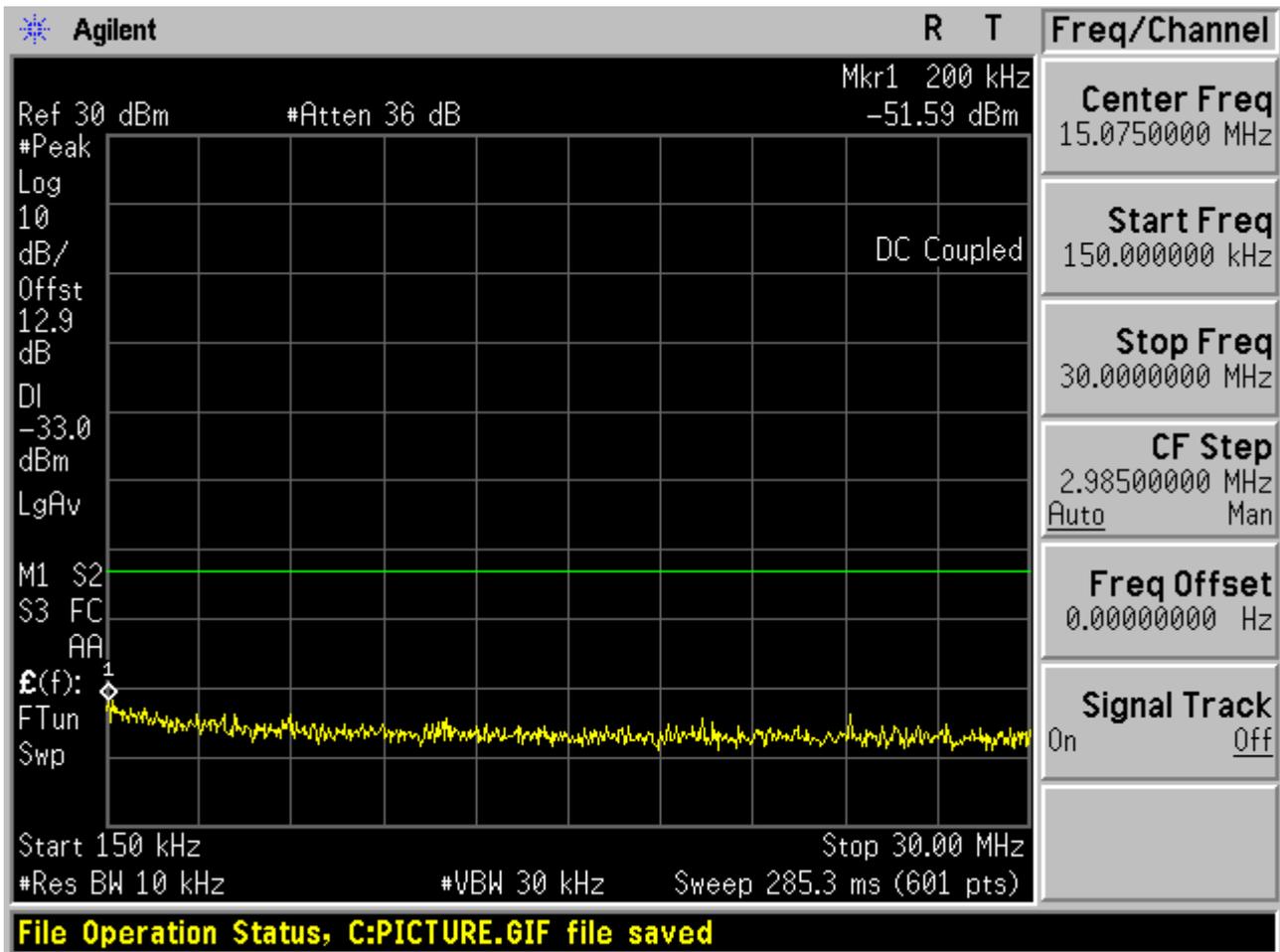


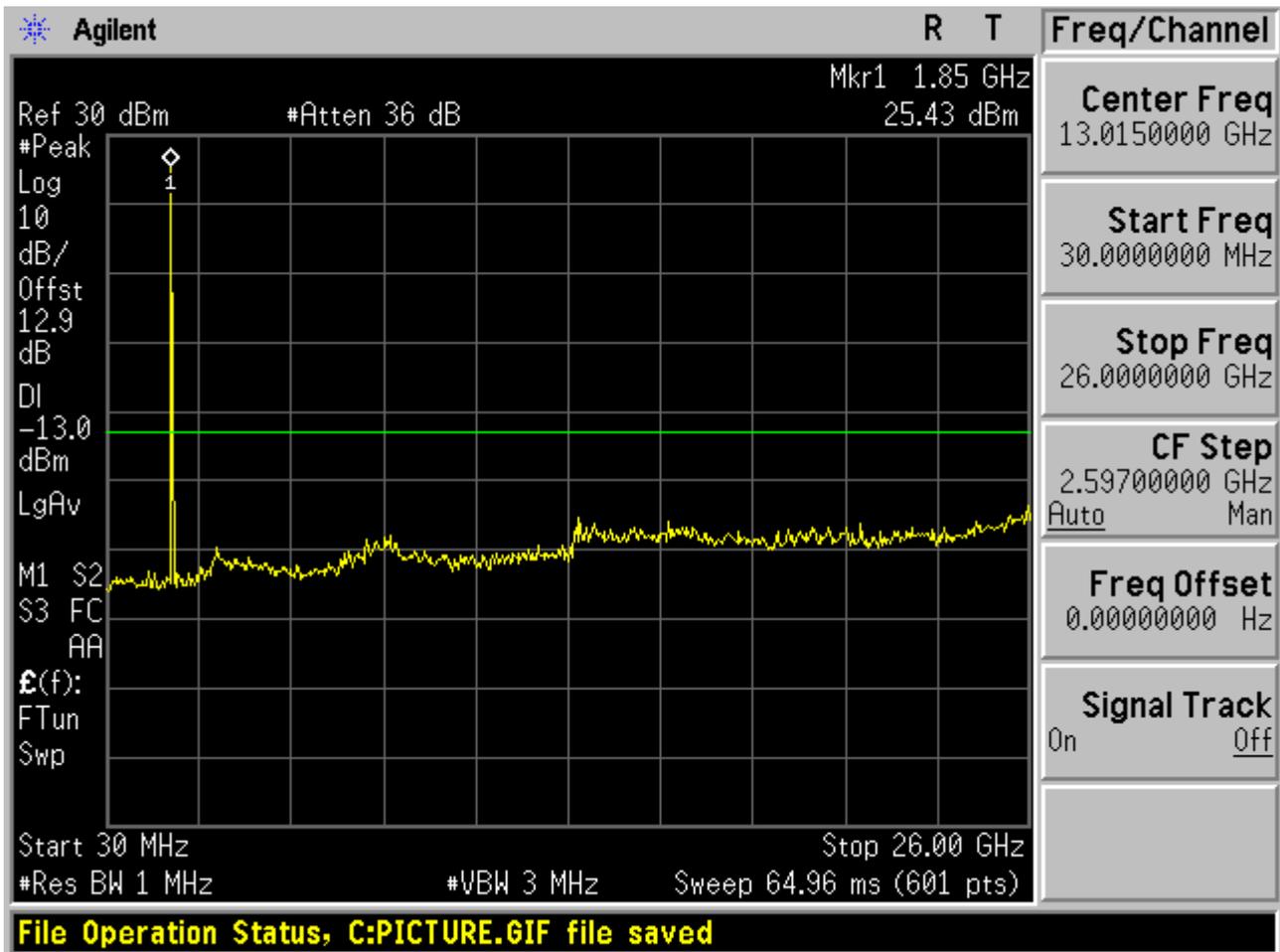
4.1.3 Channel Bandwidth = 15 MHz

4.1.3.1 Channel = B

4.1.3.1.1 QPSK/1RBs /RB #0



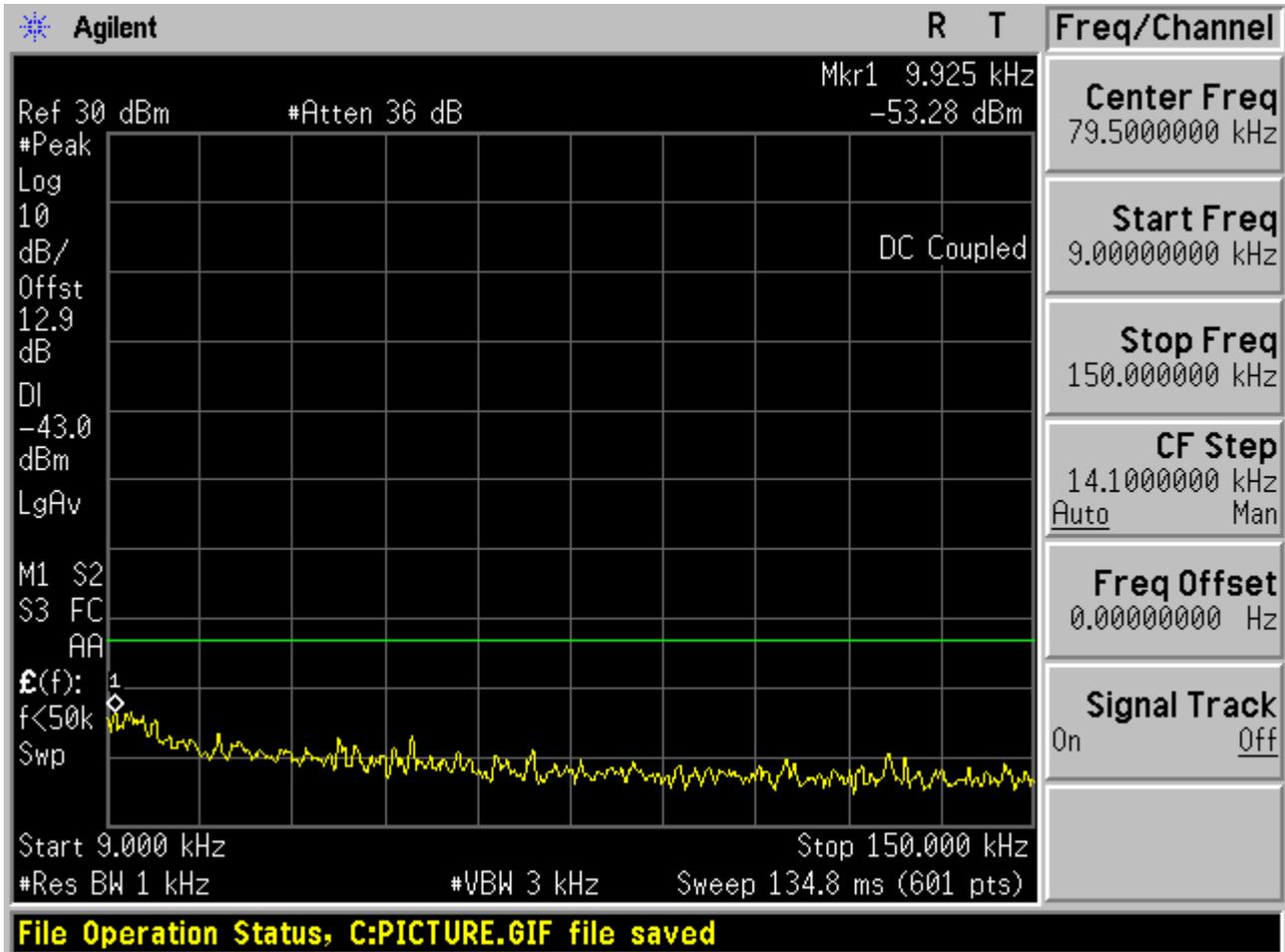


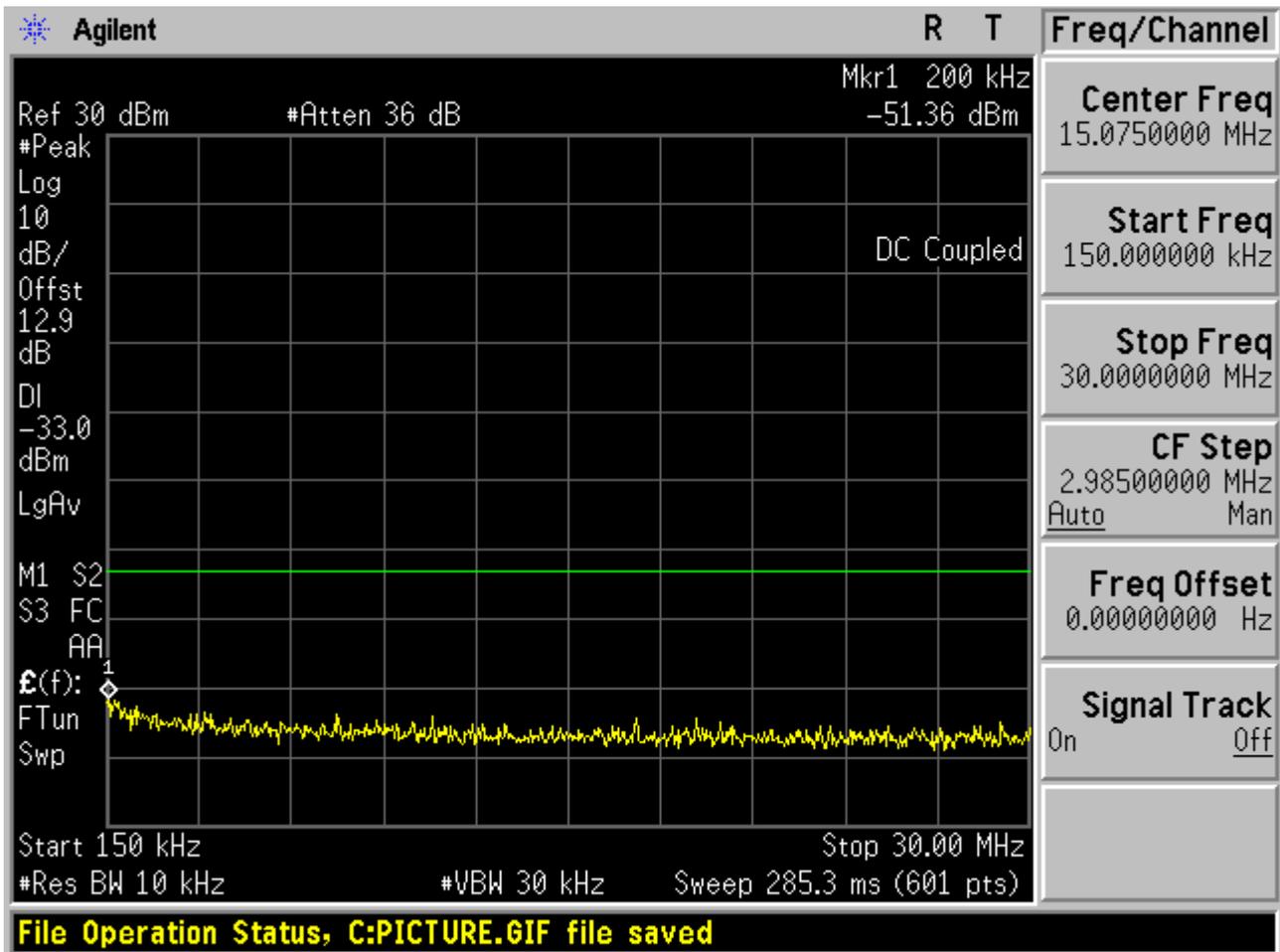


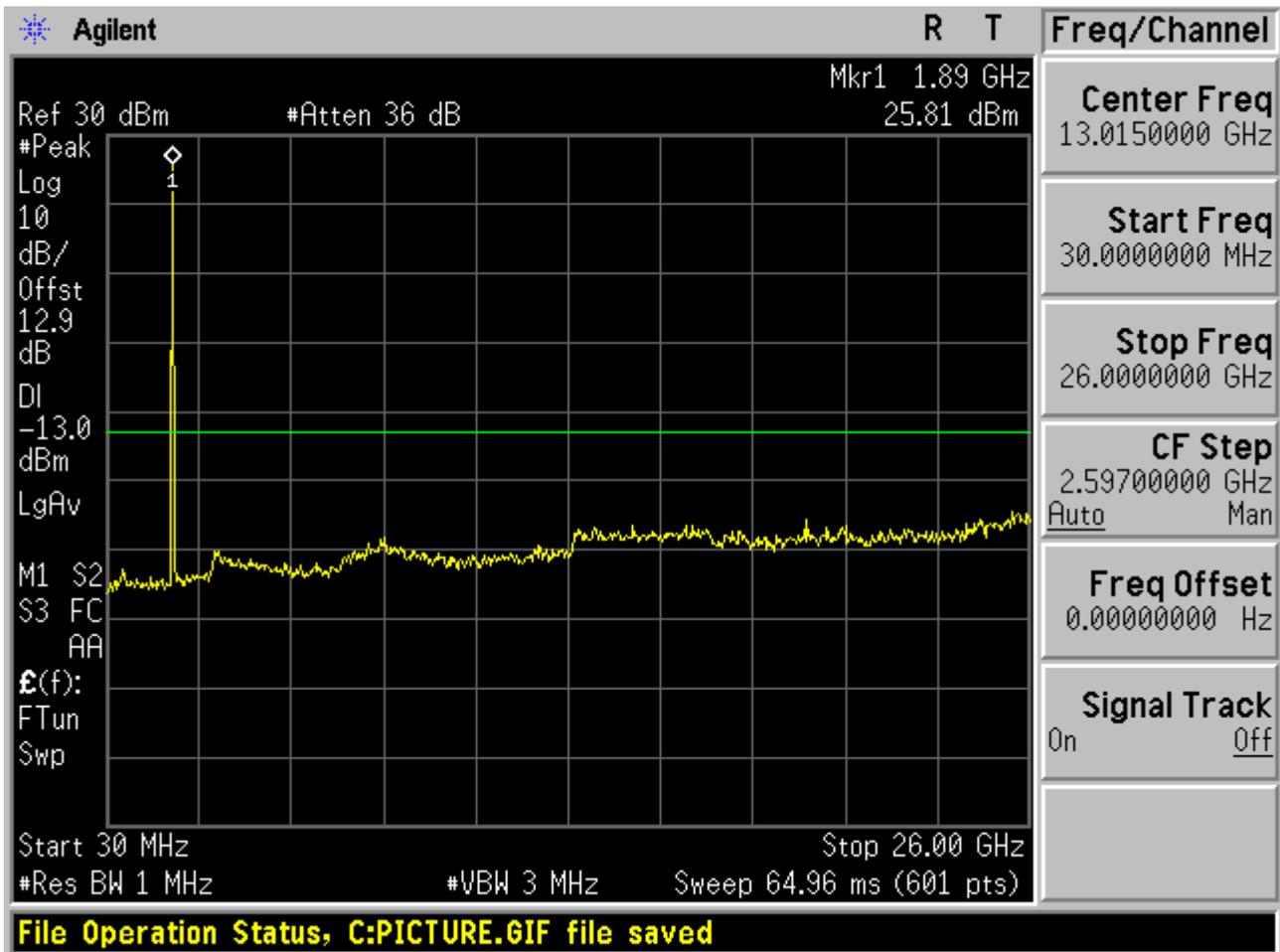


4.1.3.2 Channel = M

4.1.3.2.1 QPSK/1RBs /RB #0



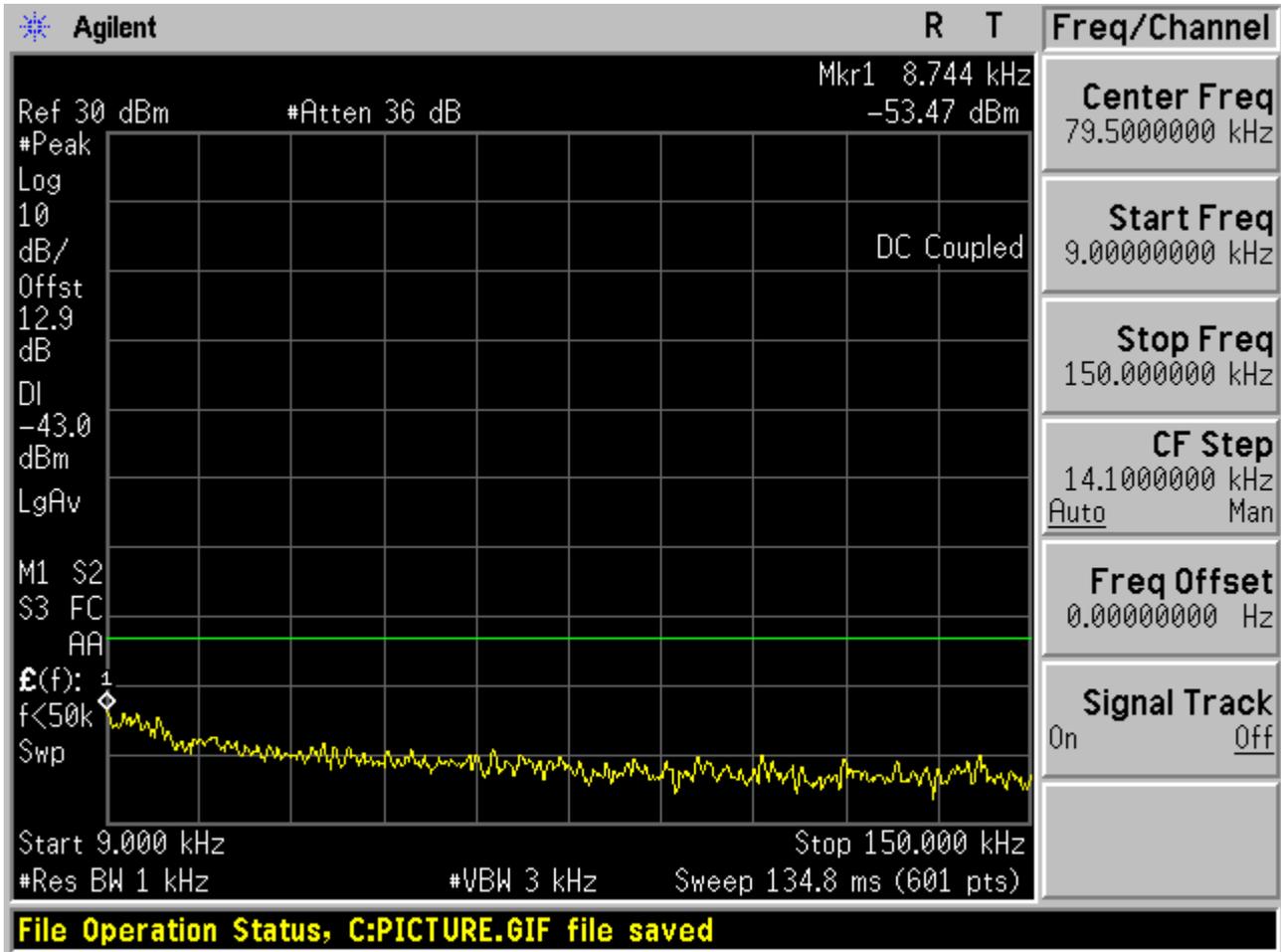


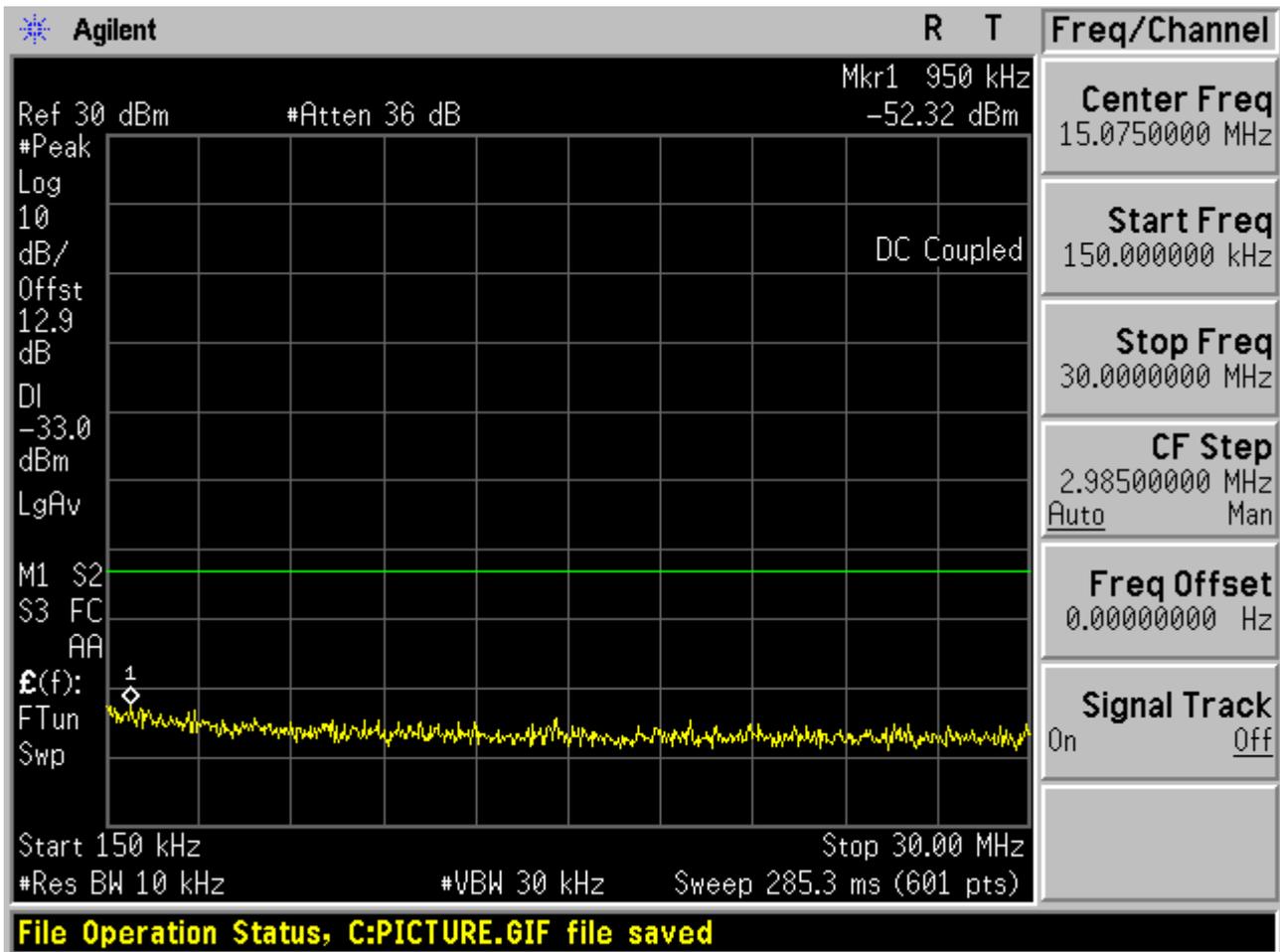


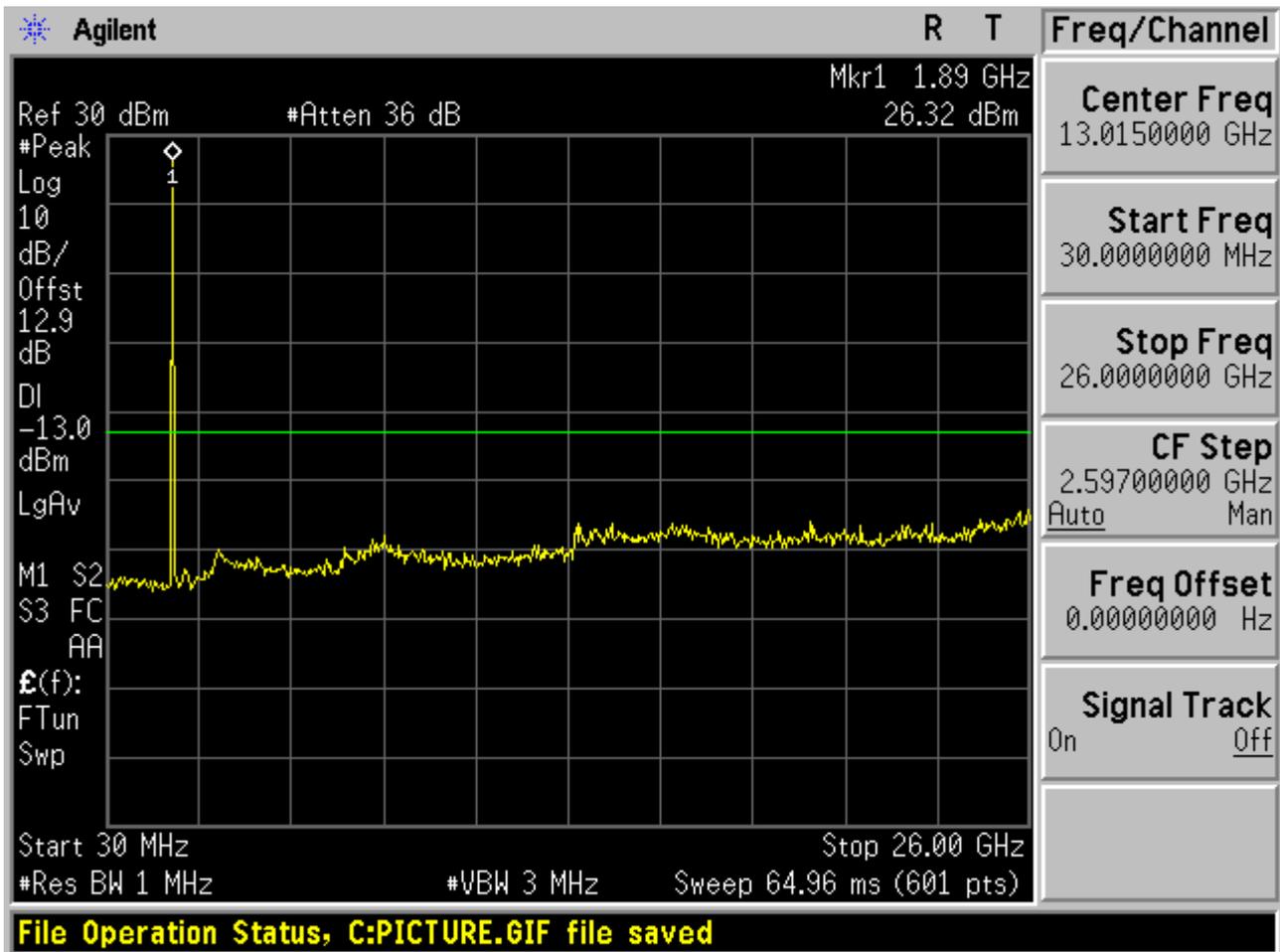


4.1.3.3 Channel = T

4.1.3.3.1 QPSK/1RBs /RB #0





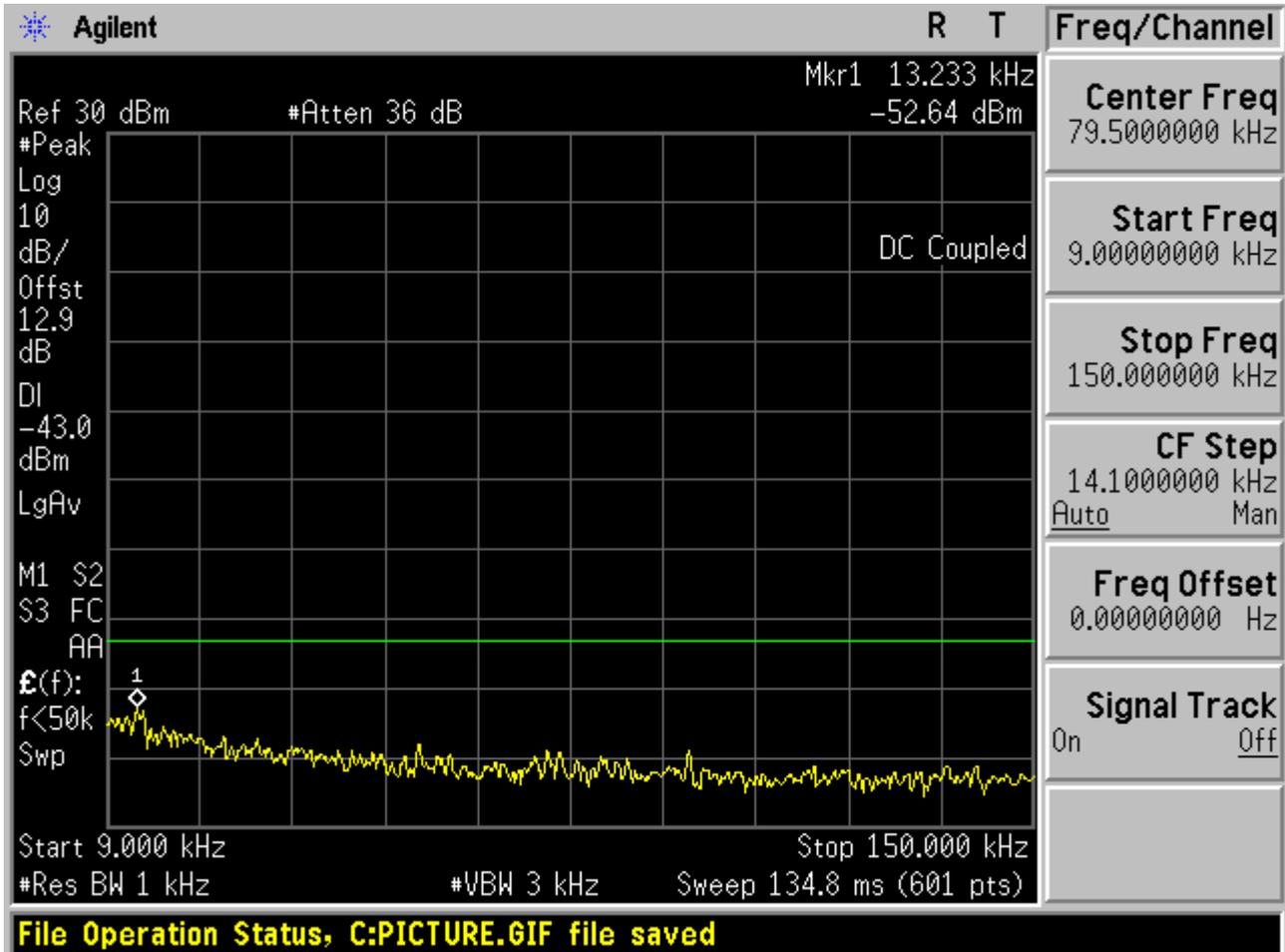


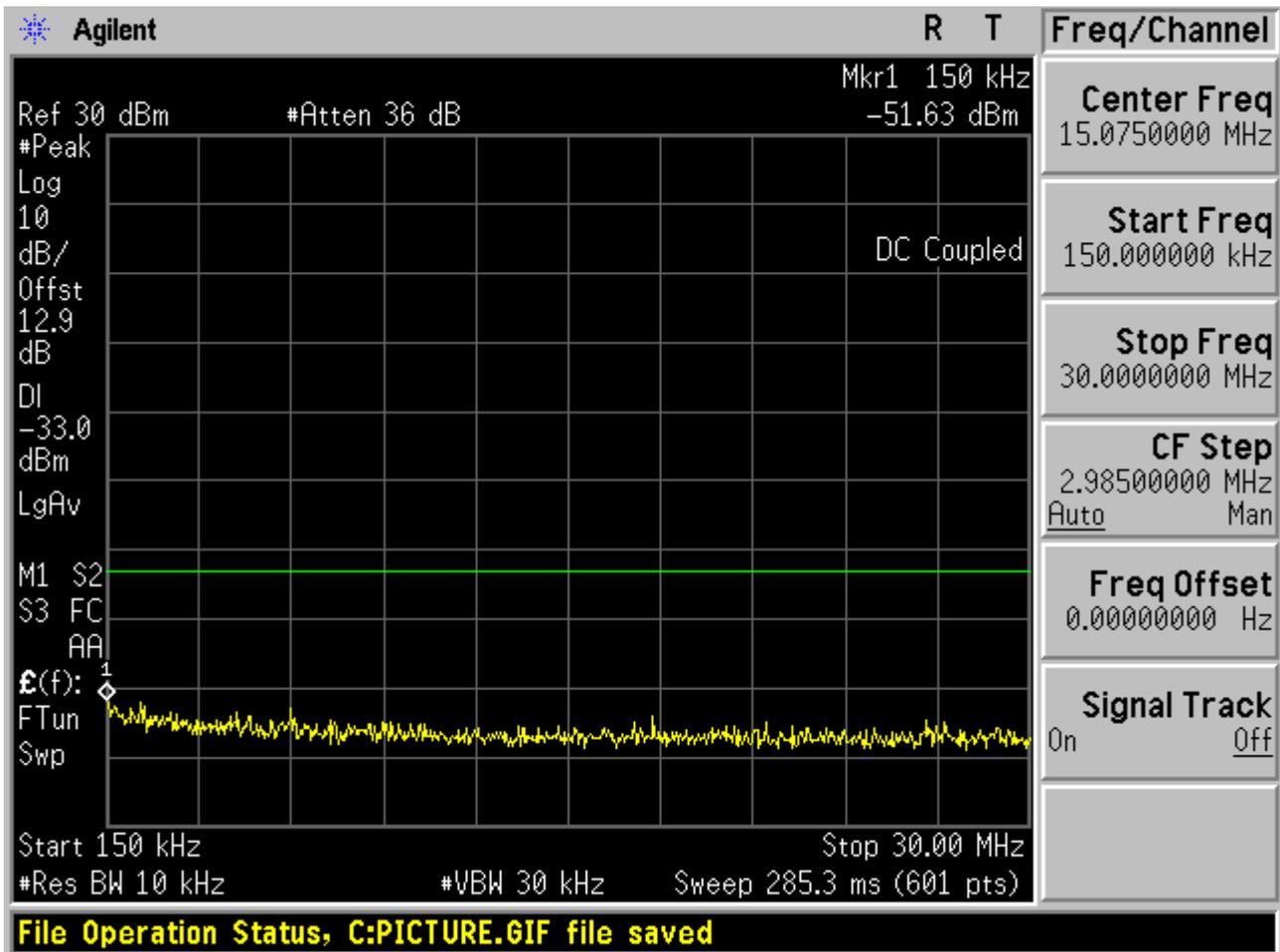


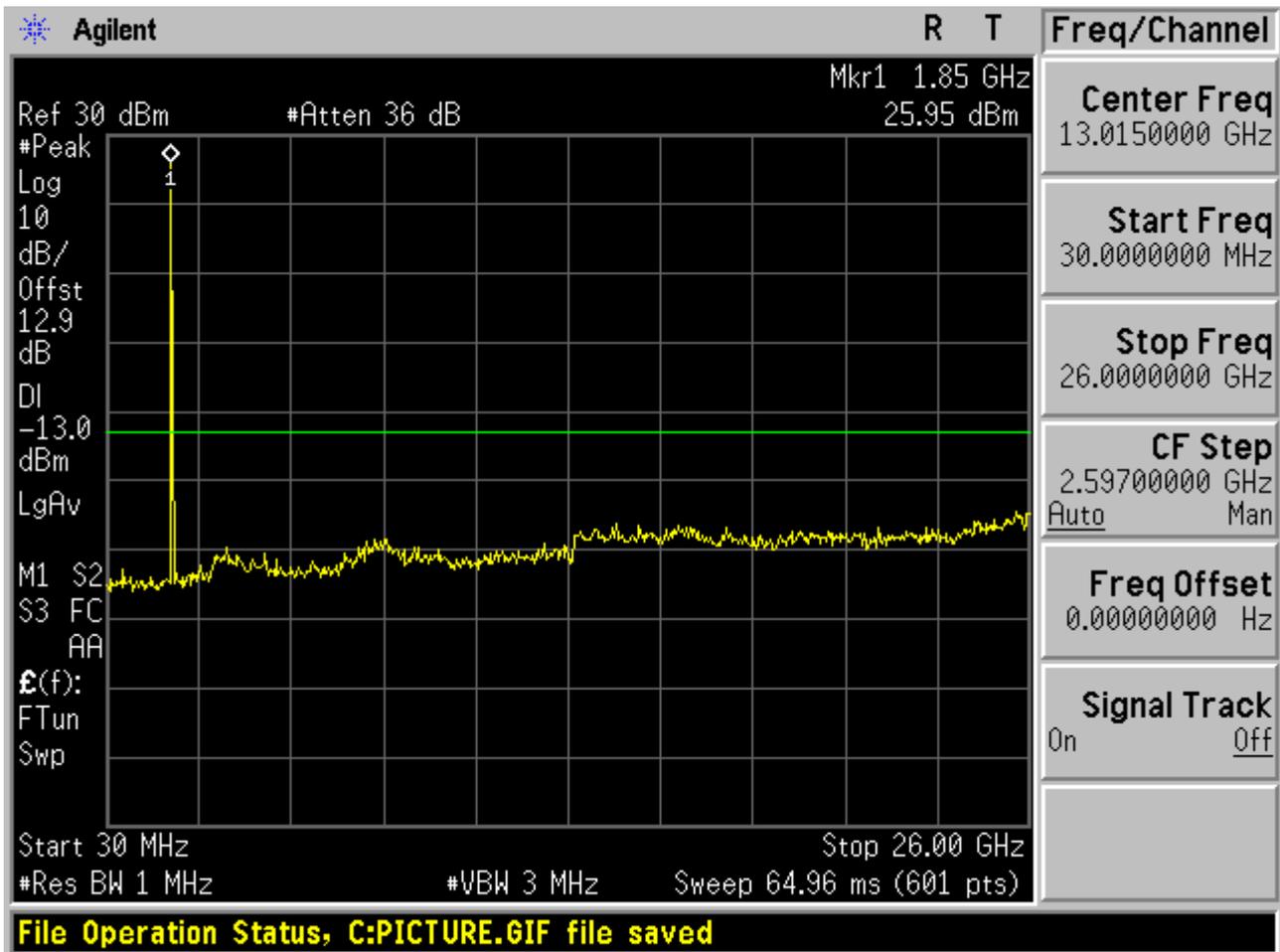
4.1.4 Channel Bandwidth = 20 MHz

4.1.4.1 Channel = B

4.1.4.1.1 QPSK/1RBs /RB #0



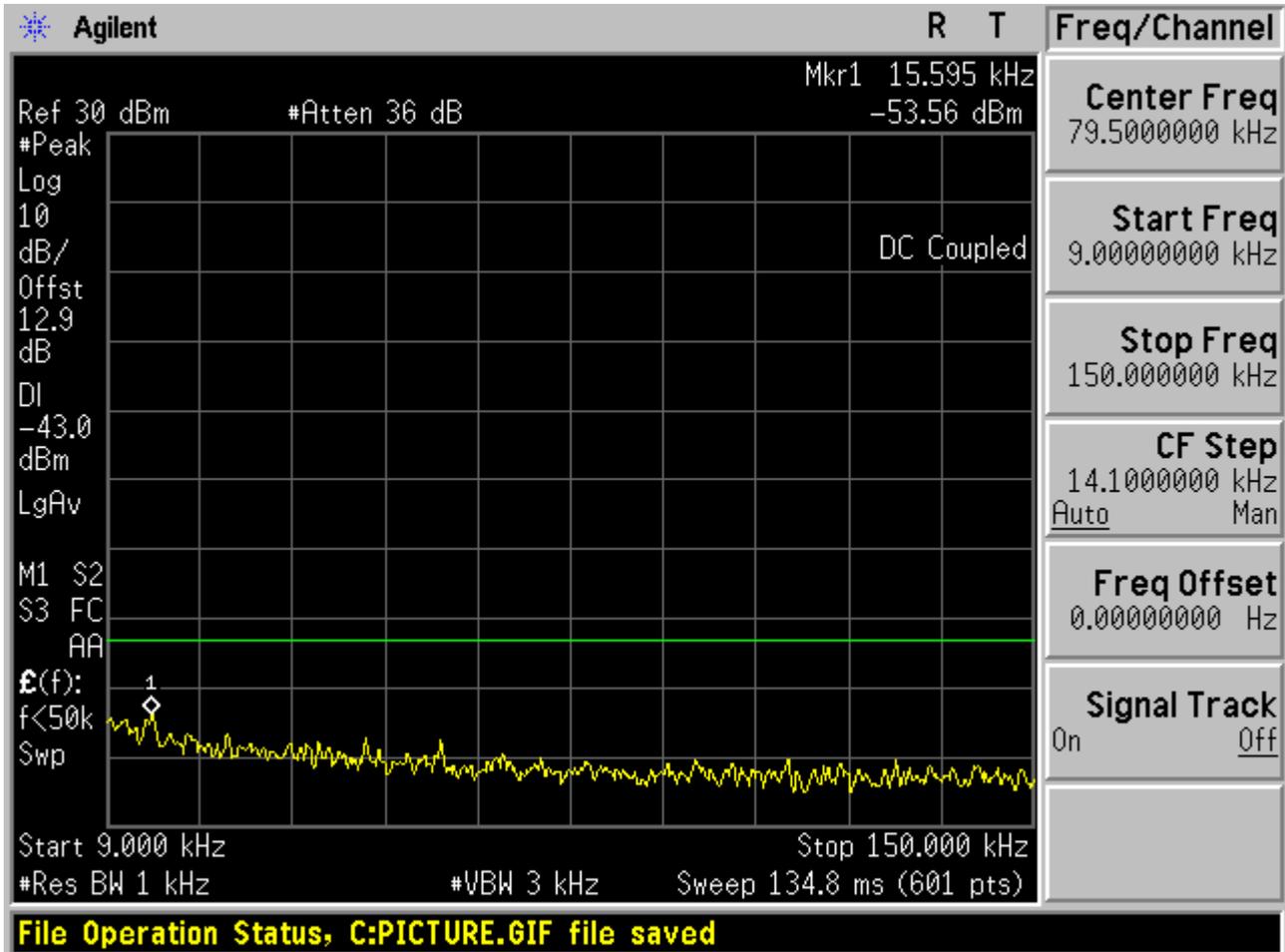


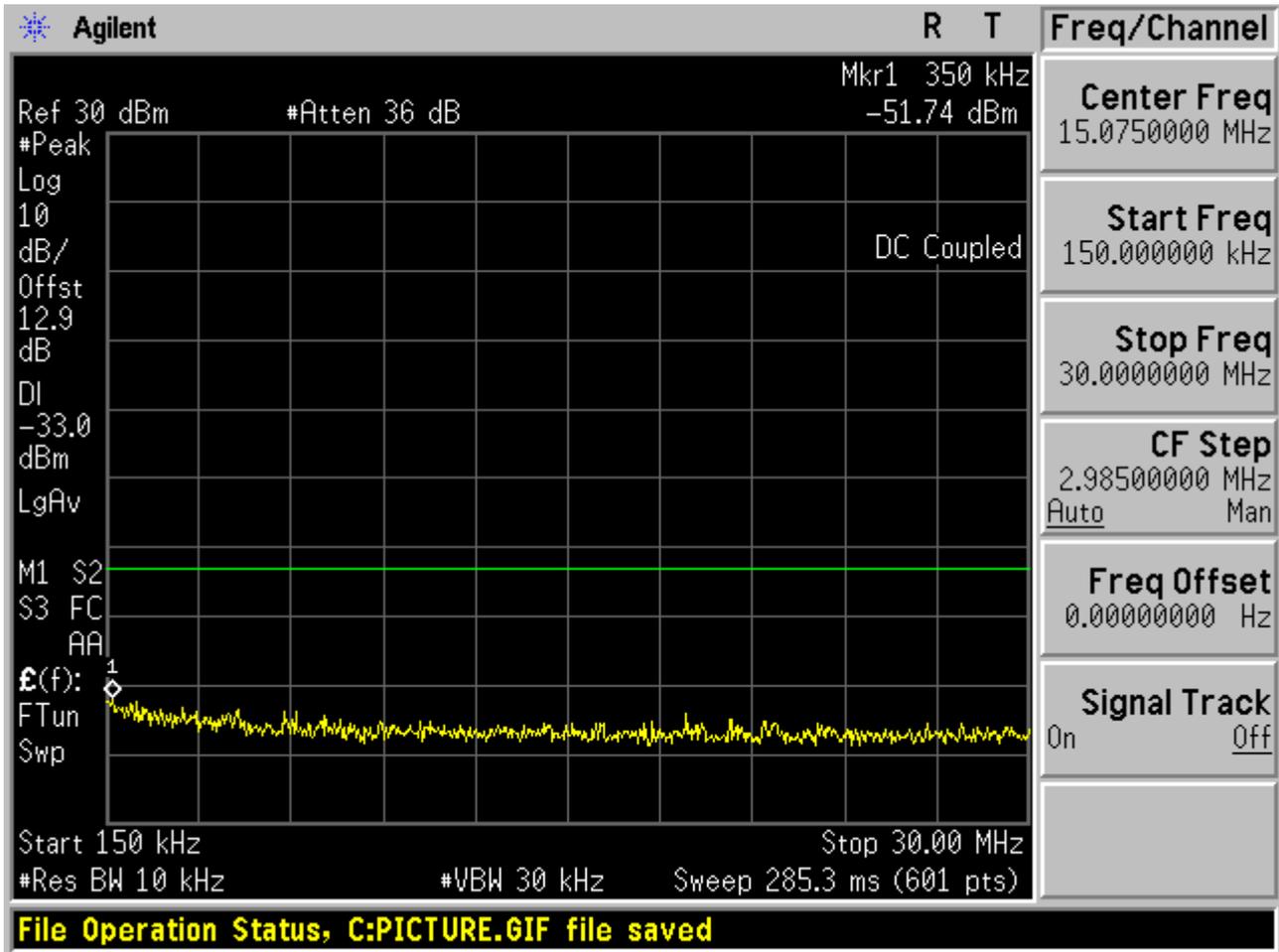


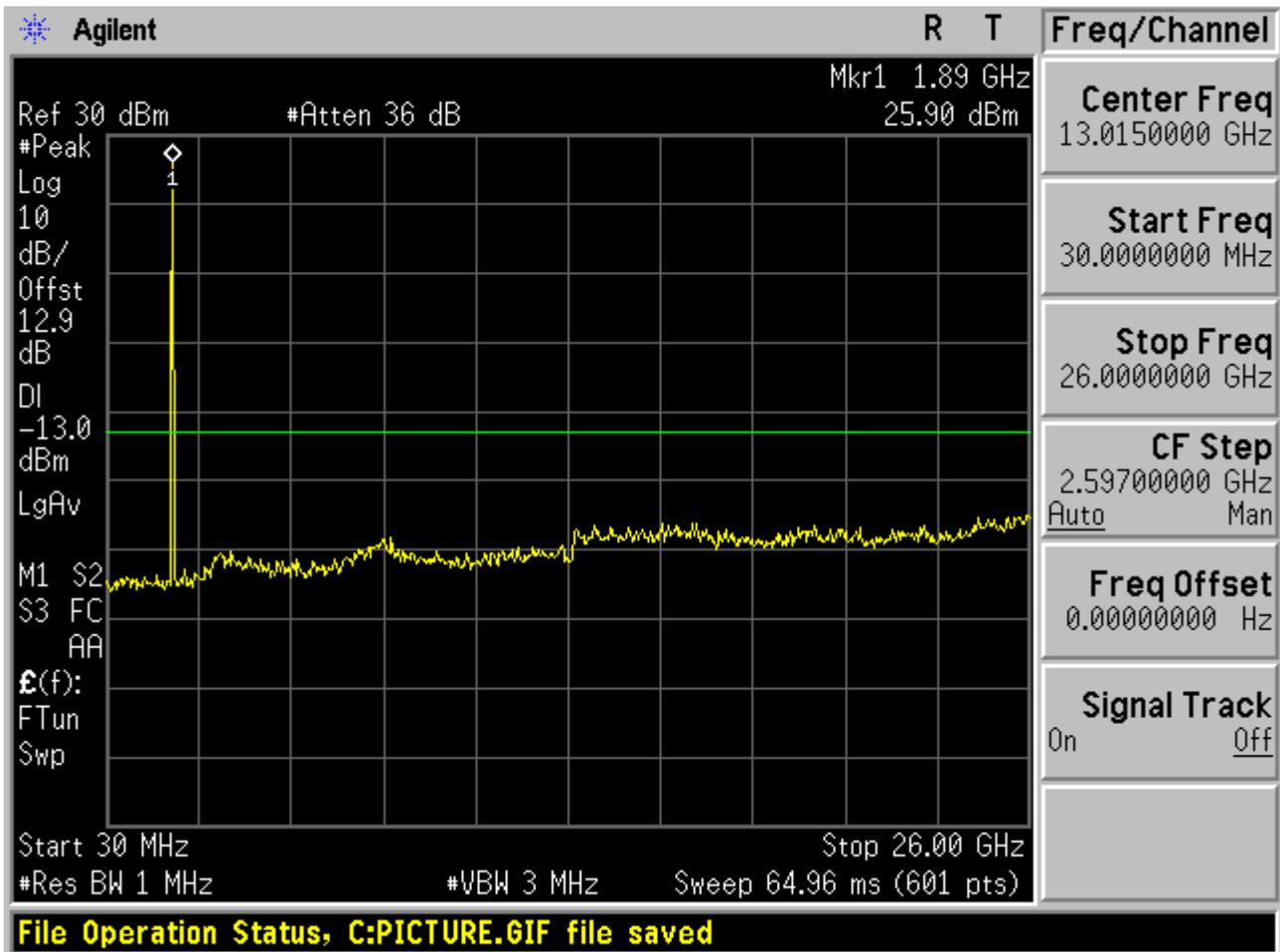


4.1.4.2 Channel = M

4.1.4.2.1 QPSK/1RBs /RB #0



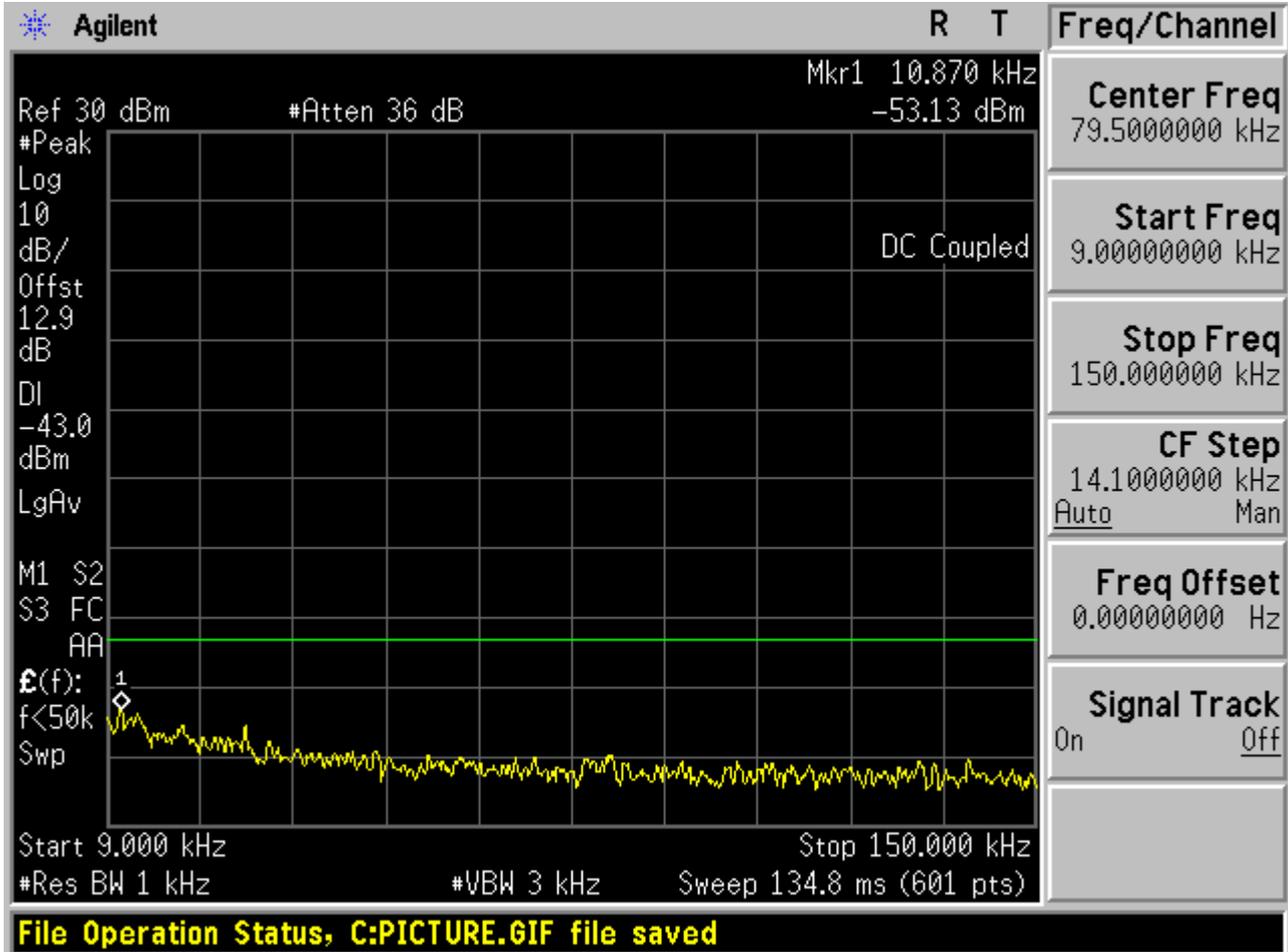


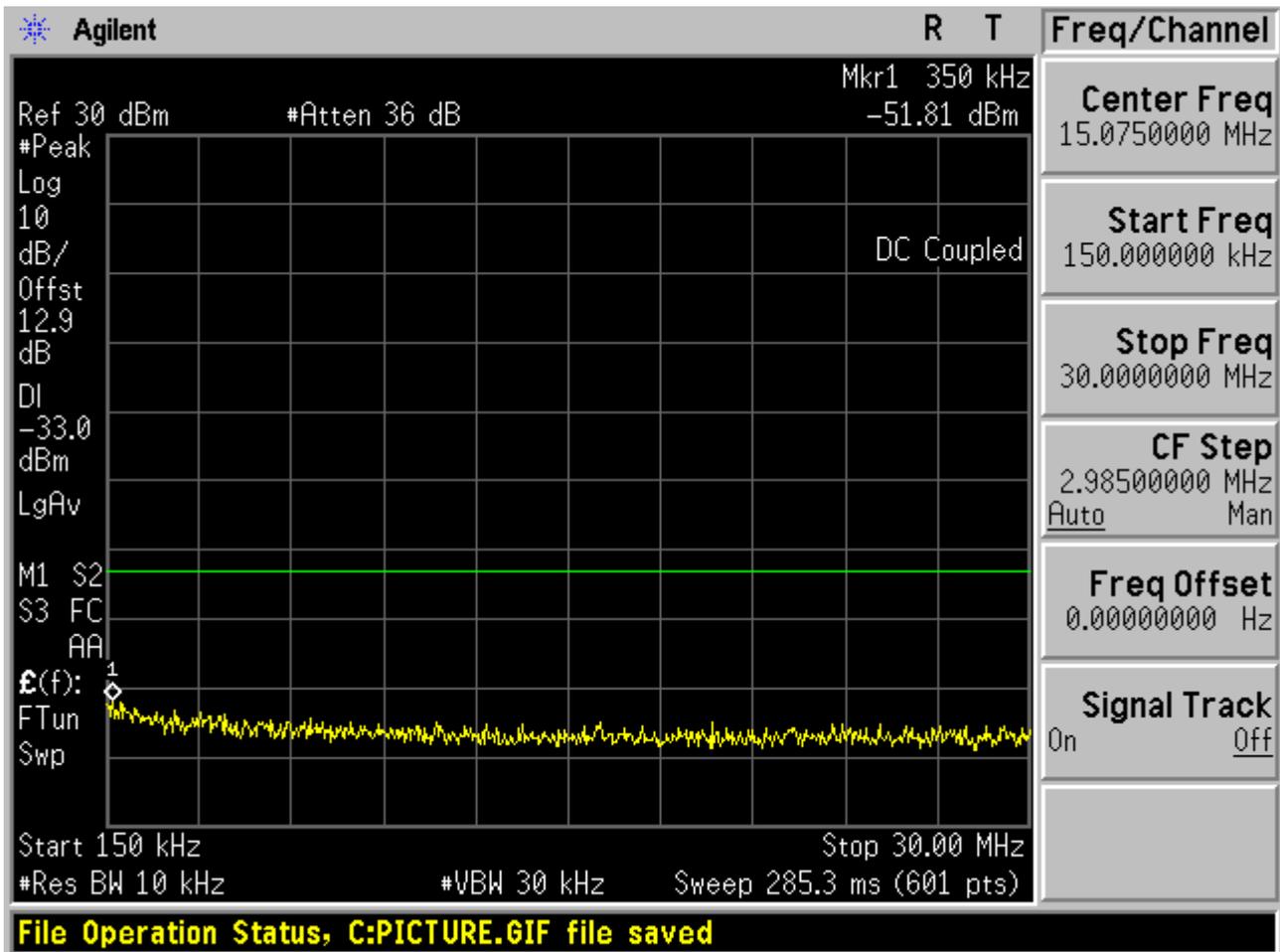


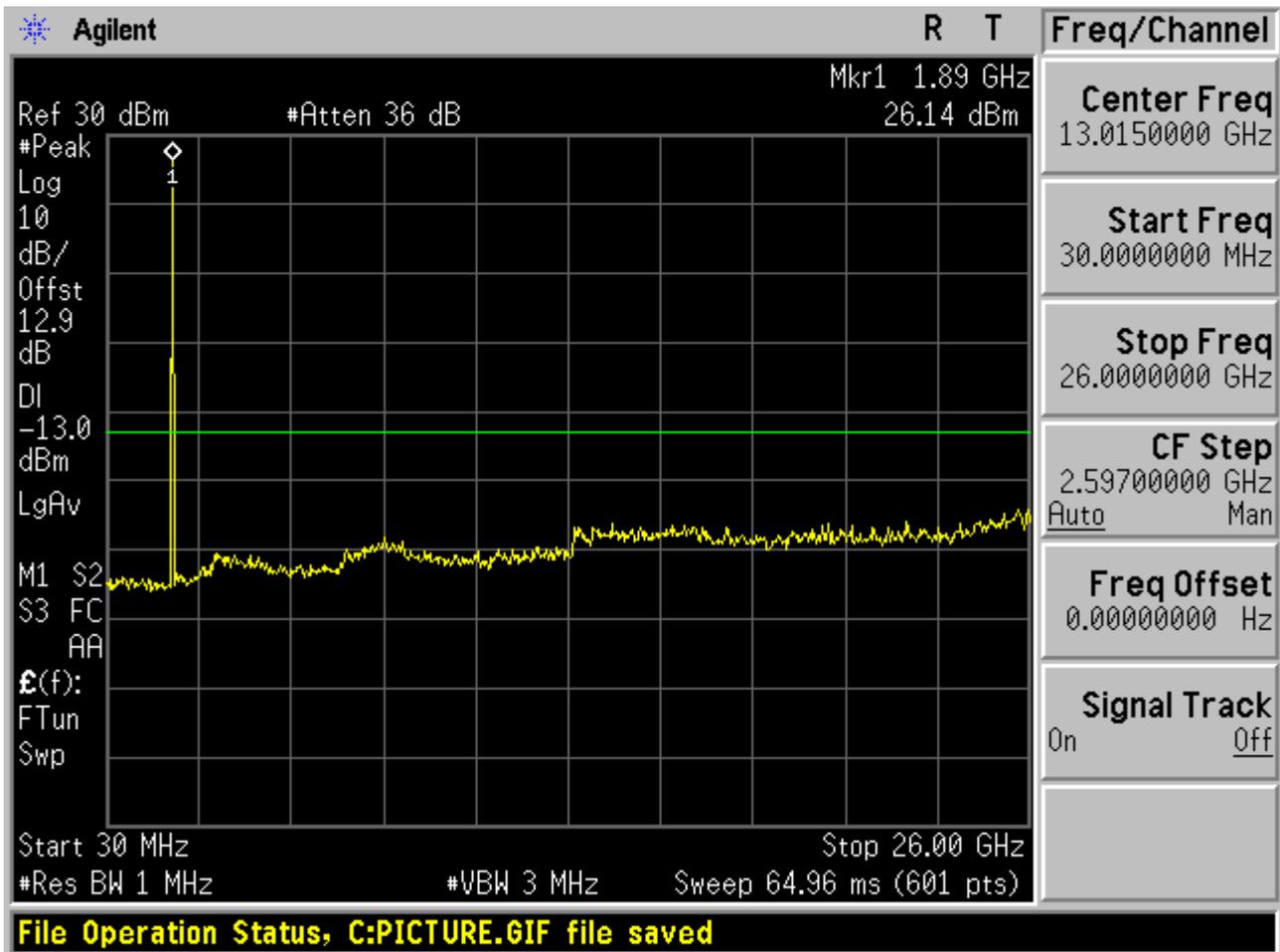


4.1.4.3 Channel = T

4.1.4.3.1 QPSK/1RBs /RB #0









4.2 Test Mode=TM7

4.2.1 Channel Bandwidth = 5 MHz

4.2.1.1 Channel = B

4.2.1.1.1 16QAM/1RBs /RB #0

