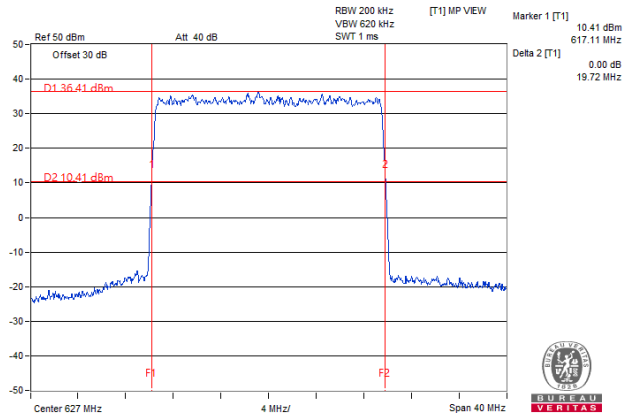
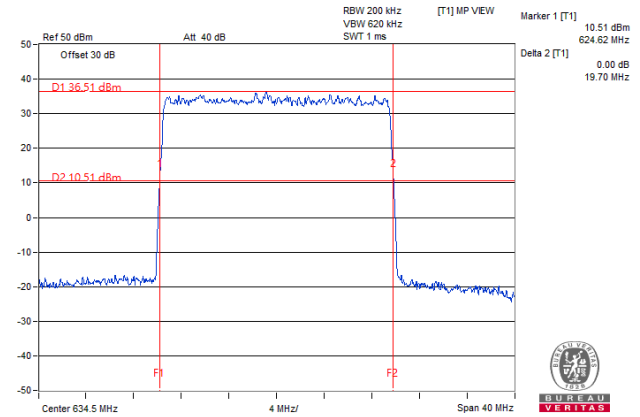


64QAM

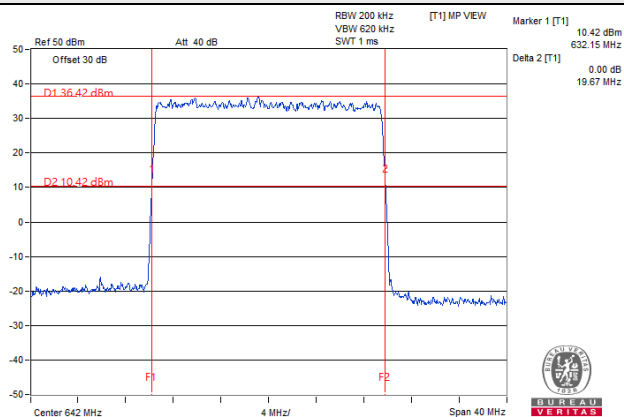
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)

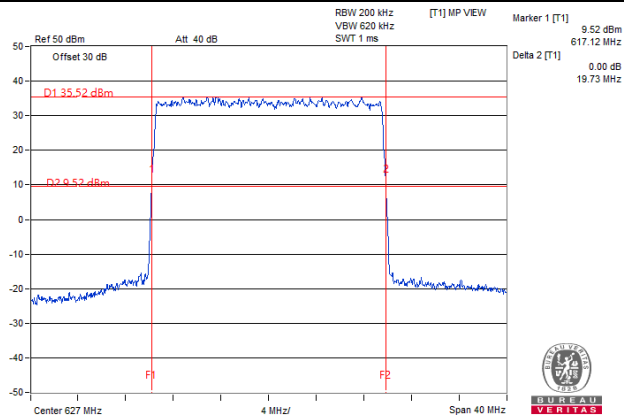


Ch 128400 (642MHz)

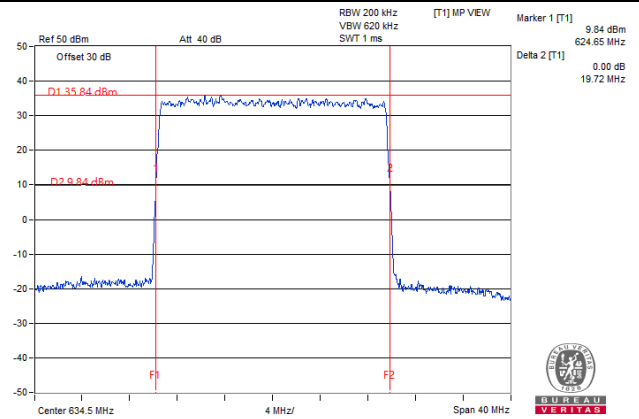


256QAM

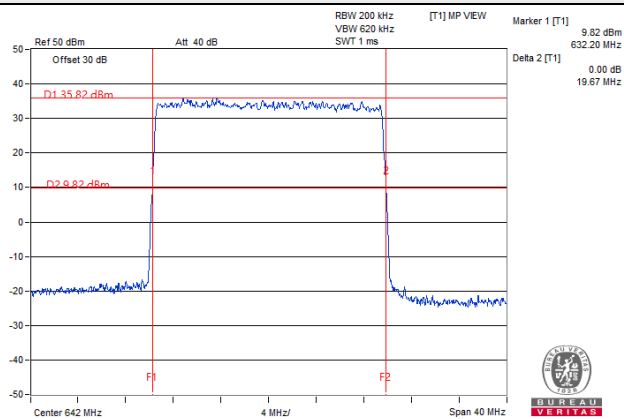
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)



Ch 128400 (642MHz)

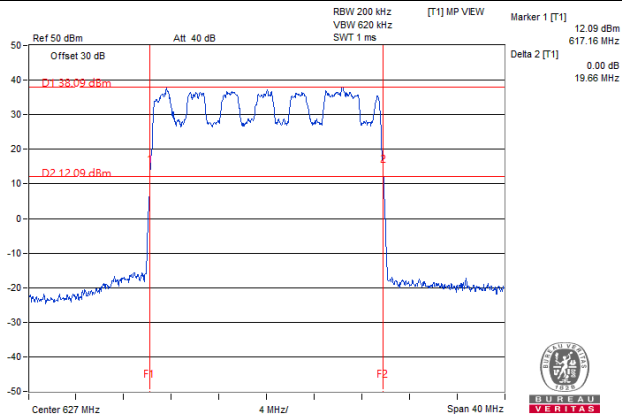


ANT3

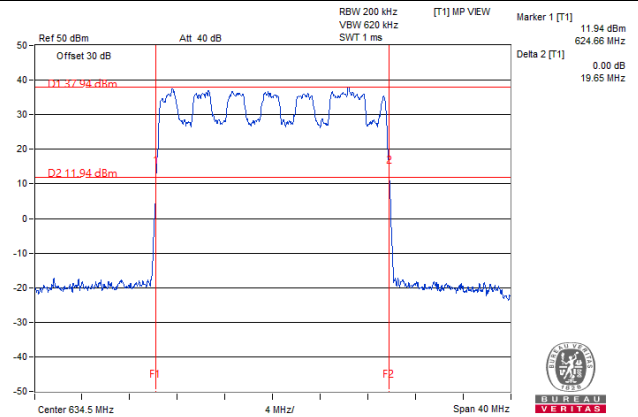
-26dBc Bandwidth

QPSK

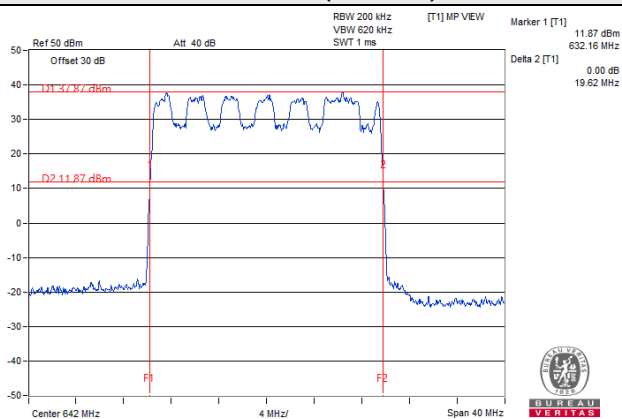
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)

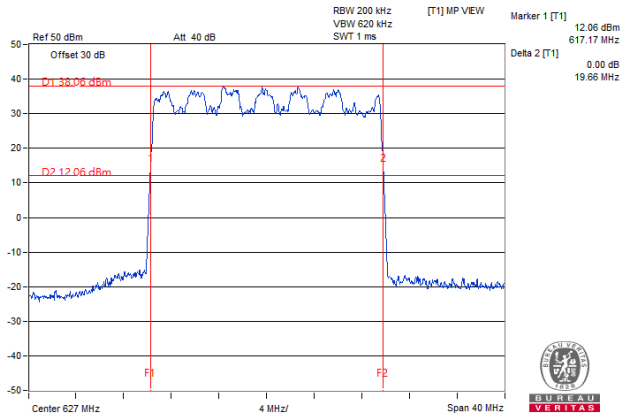


Ch 128400 (642MHz)

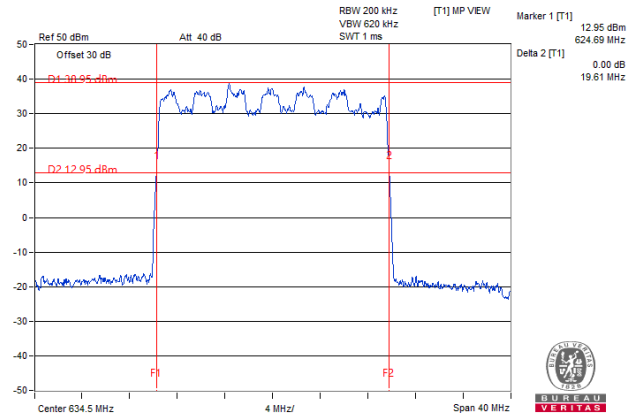


16QAM

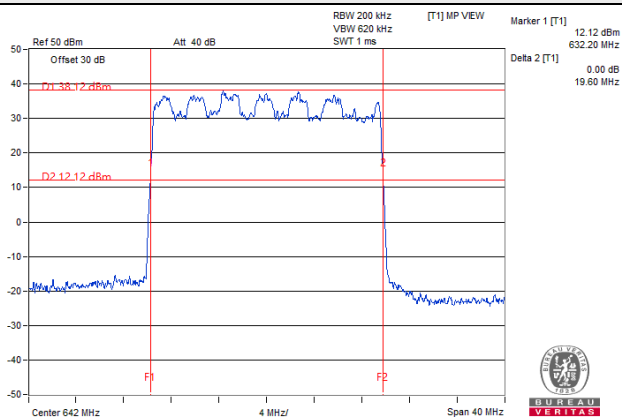
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)

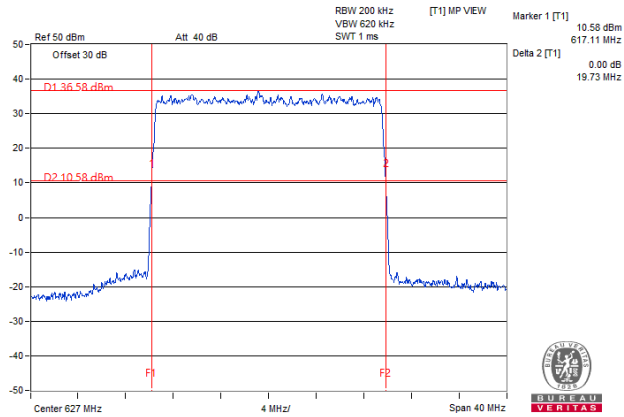


Ch 128400 (642MHz)

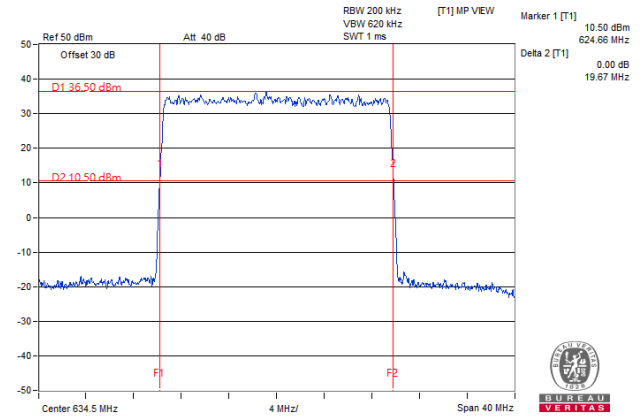


64QAM

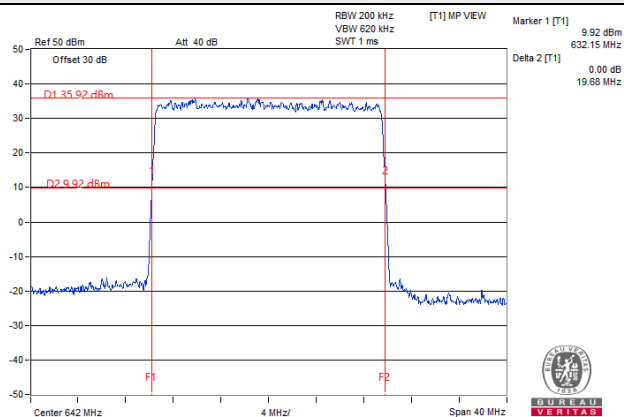
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)

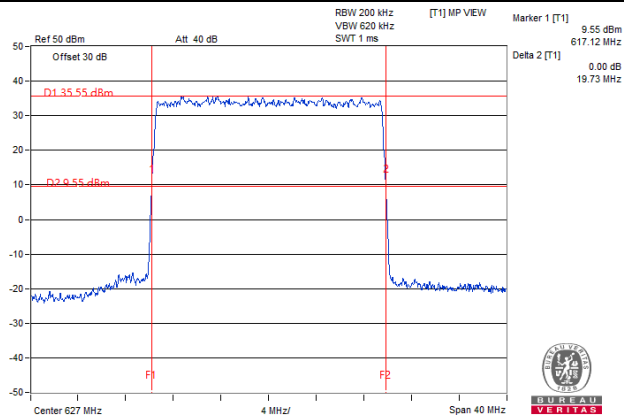


Ch 128400 (642MHz)

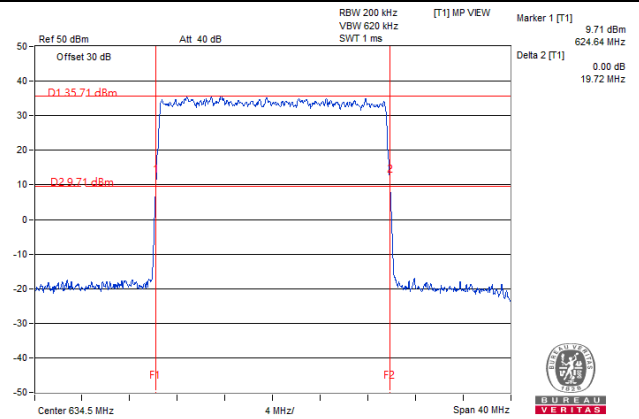


256QAM

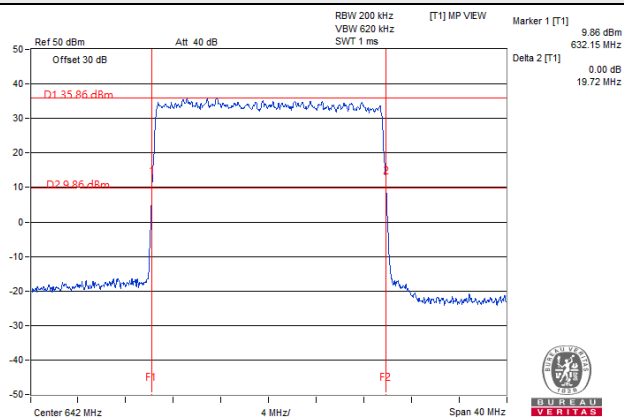
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)



Ch 128400 (642MHz)

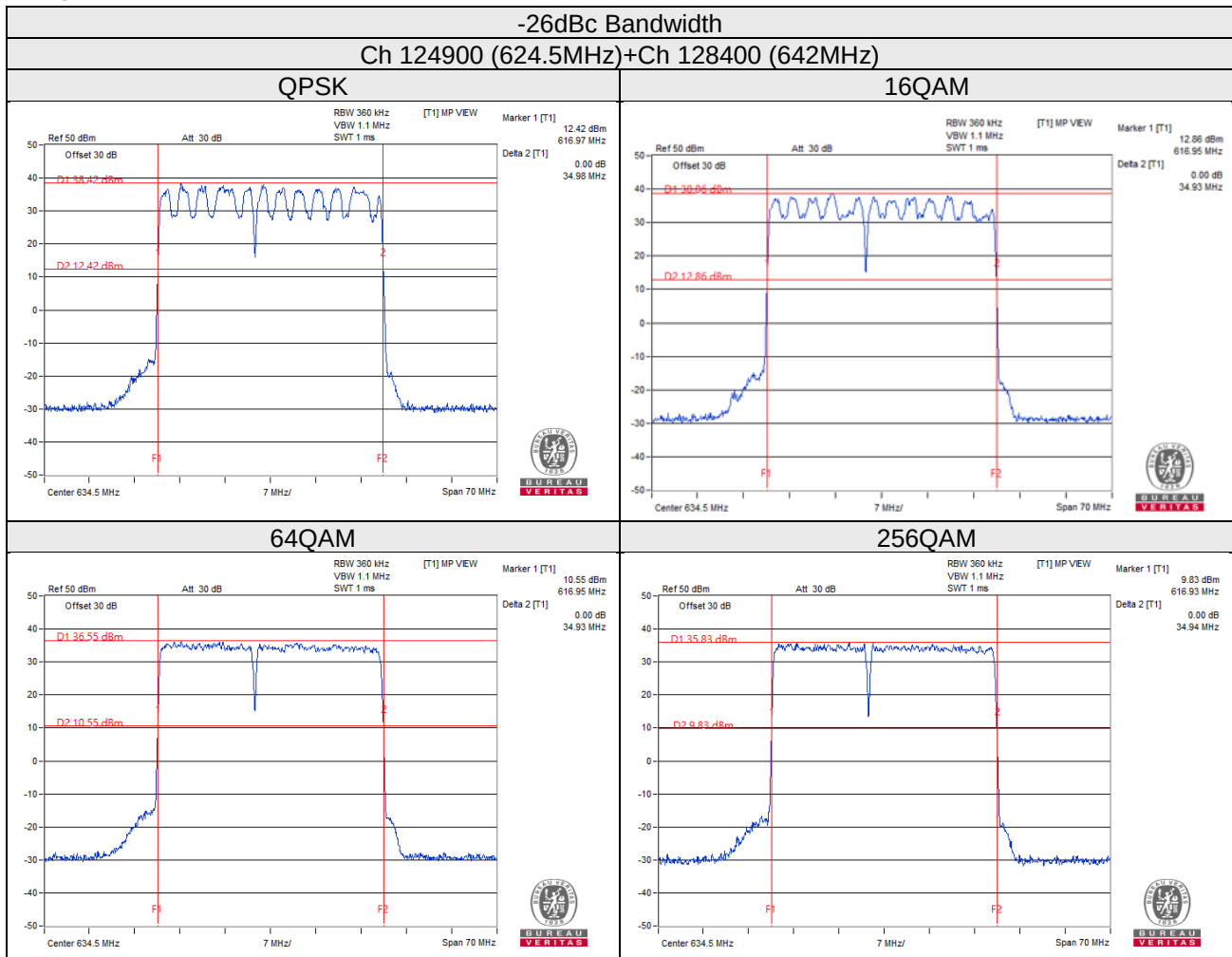


CA-Contiguous

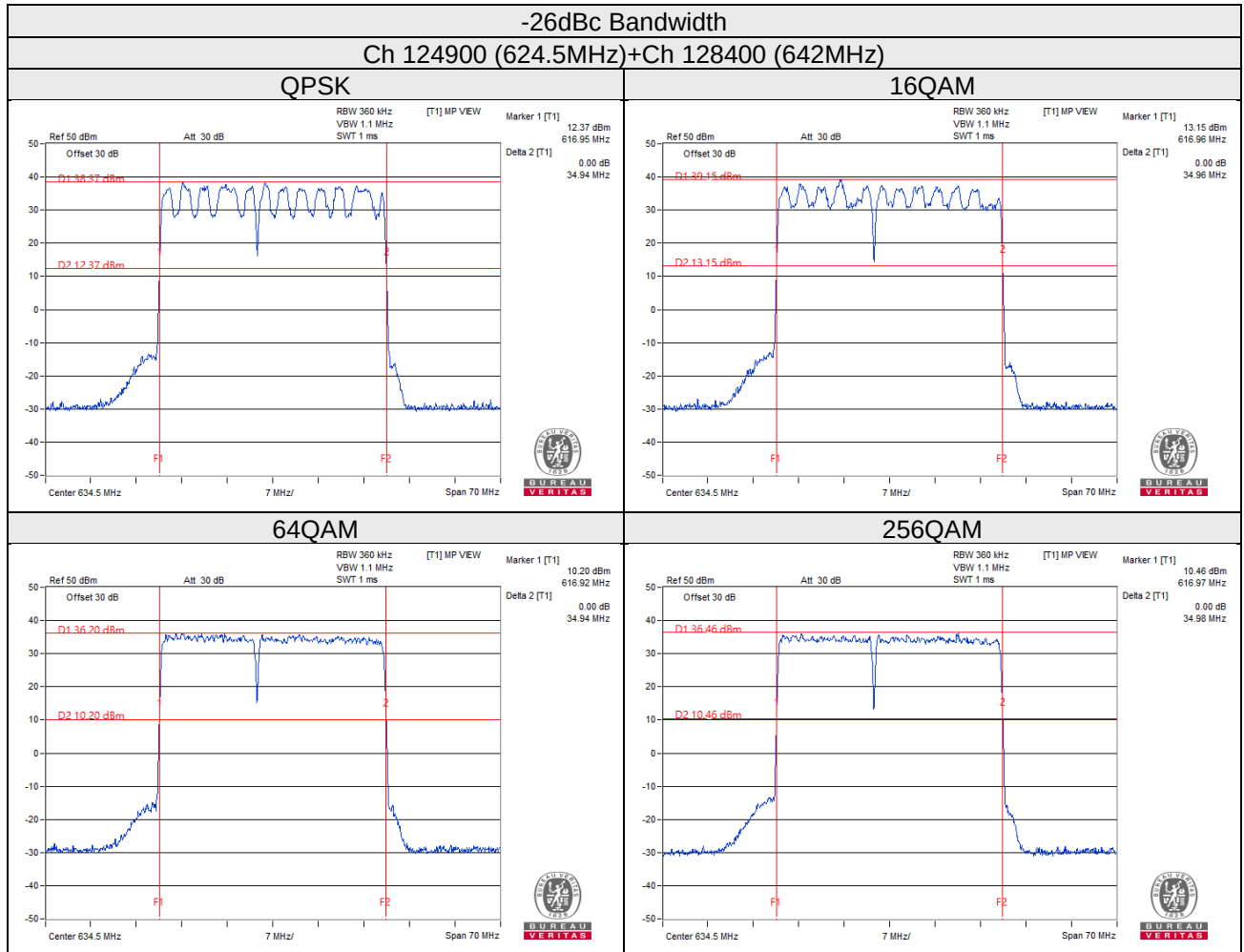
15MHz+20MHz

Channel Number	Freq. (MHz)	-26dB Bandwidth (MHz)															
		ANT0				ANT1				ANT2				ANT3			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
124900	624.5																
+	+	34.98	34.93	34.93	34.94	34.94	34.96	34.94	34.98	34.95	34.96	34.92	34.99	34.94	34.95	34.95	34.93
128400	642																

ANT0



ANT1



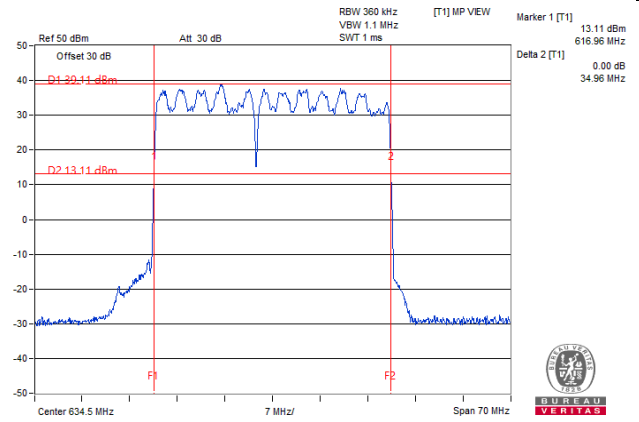
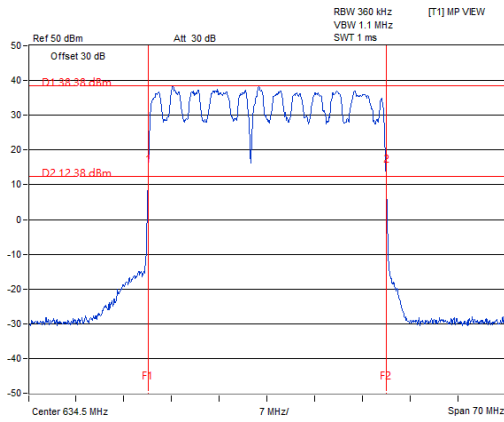
ANT2

-26dBc Bandwidth

Ch 124900 (624.5MHz)+Ch 128400 (642MHz)

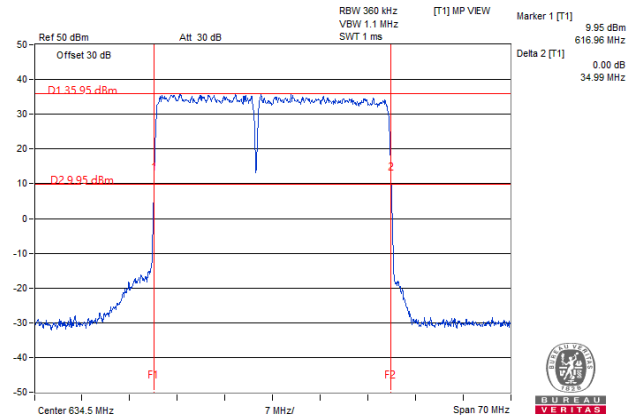
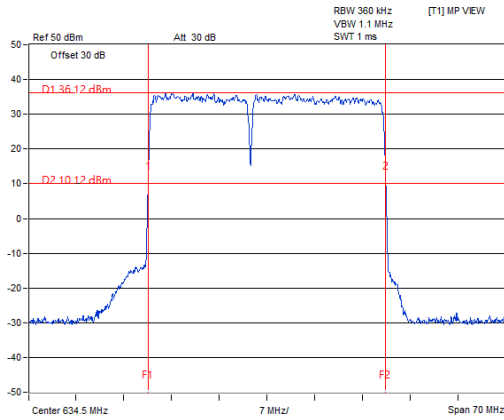
QPSK

16QAM

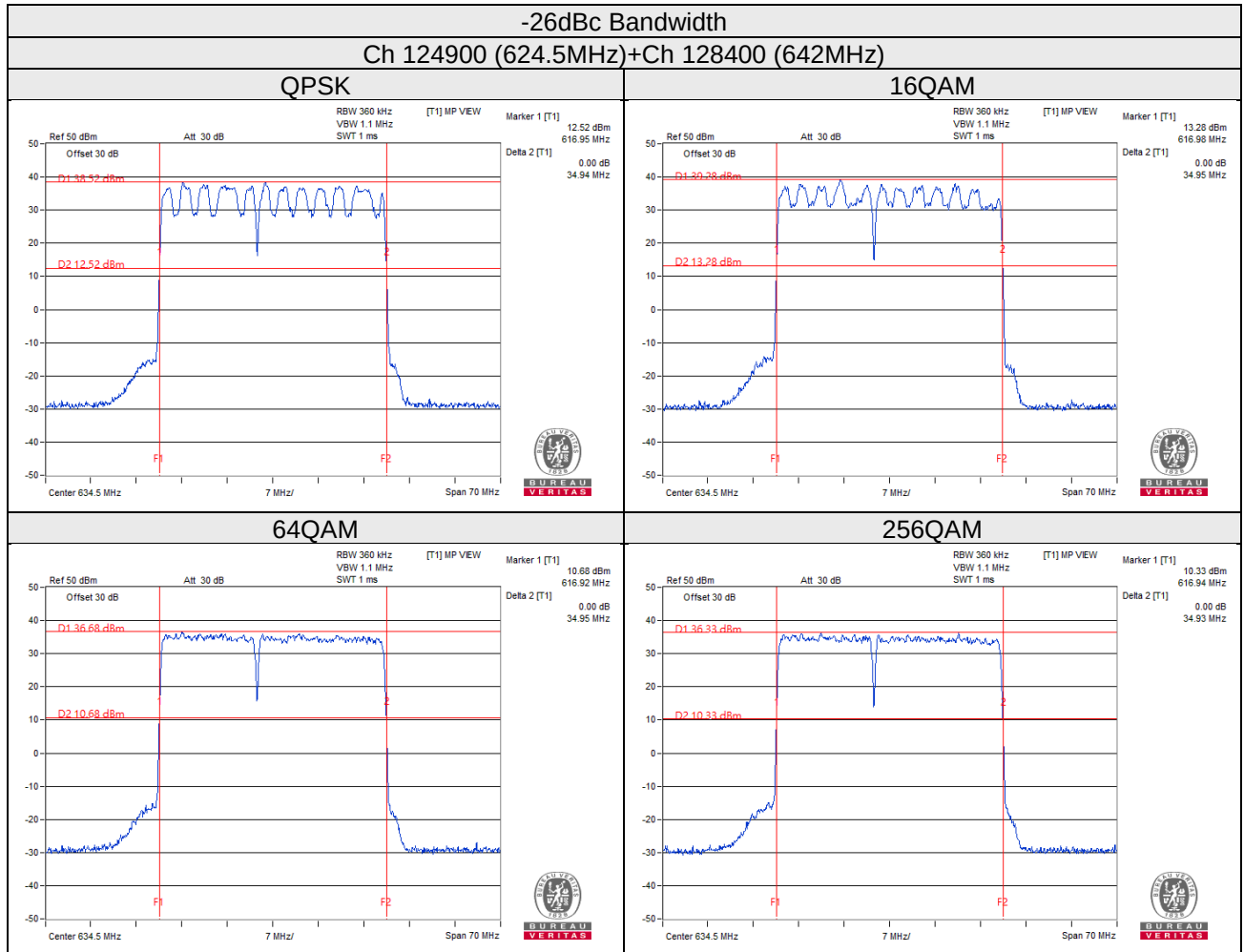


64QAM

256QAM



ANT3

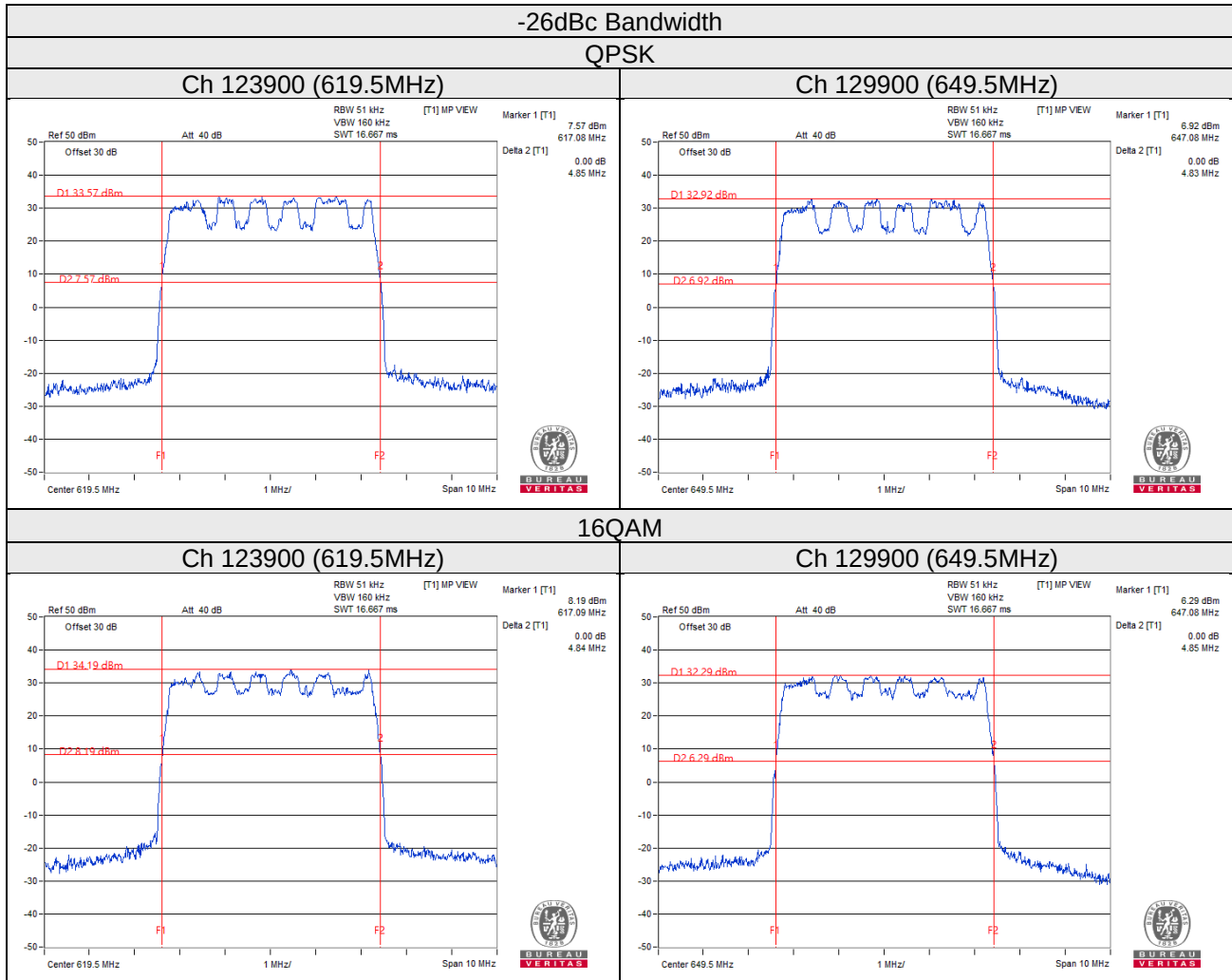


CA-NC Non-Contiguous

5MHz+5MHz

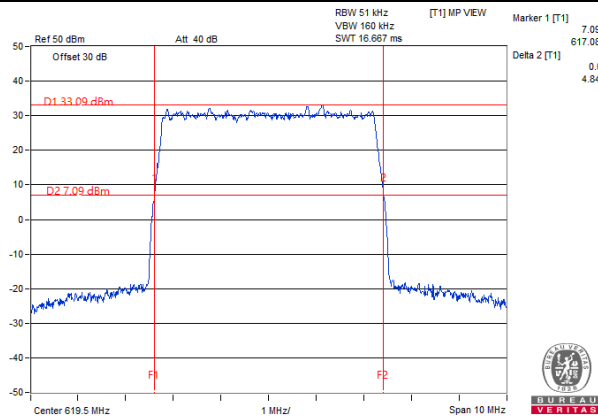
Channel Number	Freq. (MHz)	-26dB Bandwidth (MHz)															
		ANT0				ANT1				ANT2				ANT3			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
123900 + 129900	619.5 + 649.5	4.85	4.84	4.84	4.84	4.85	4.84	4.85	4.85	4.86	4.82	4.85	4.84	4.86	4.83	4.83	4.86
		4.83	4.85	4.81	4.82	4.83	4.83	4.81	4.83	4.83	4.83	4.82	4.83	4.83	4.84	4.83	4.86

ANT0

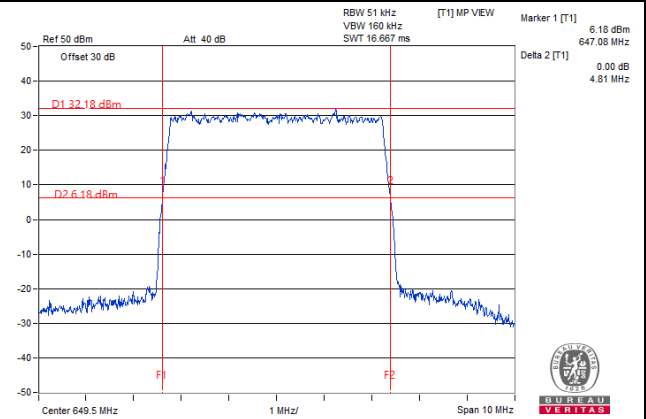


64QAM

Ch 123900 (619.5MHz)

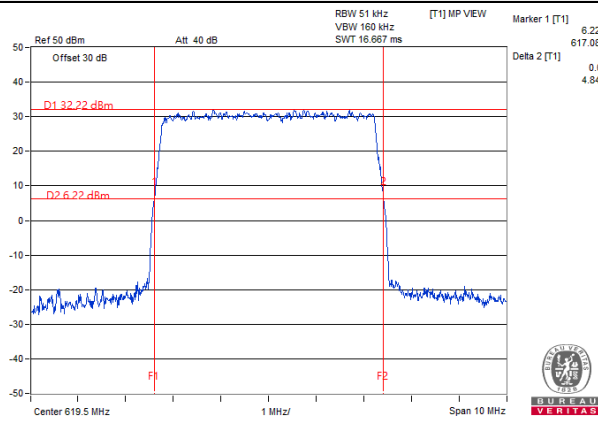


Ch 129900 (649.5MHz)

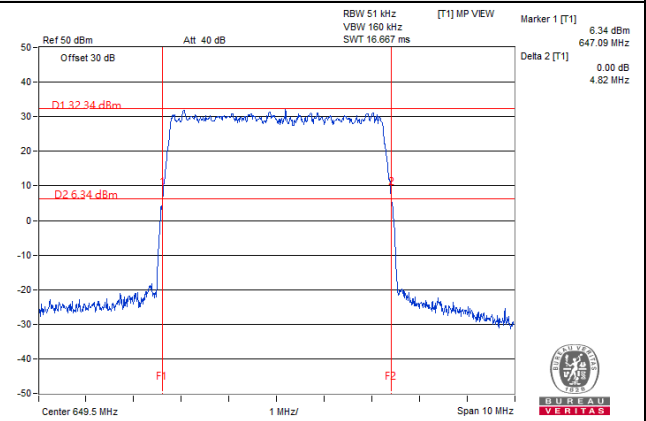


256QAM

Channel: 123900



Channel: 129900

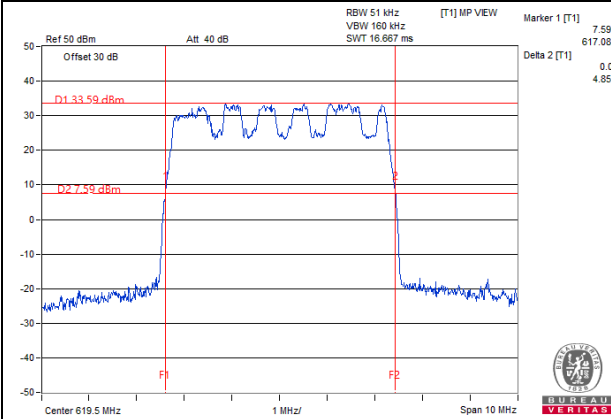


ANT1

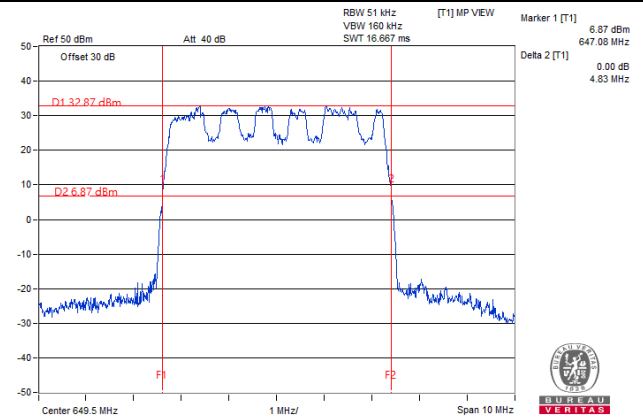
-26dBc Bandwidth

QPSK

Ch 123900 (619.5MHz)

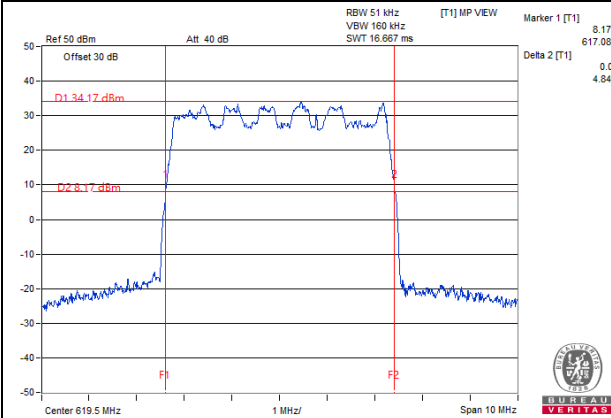


Ch 129900 (649.5MHz)

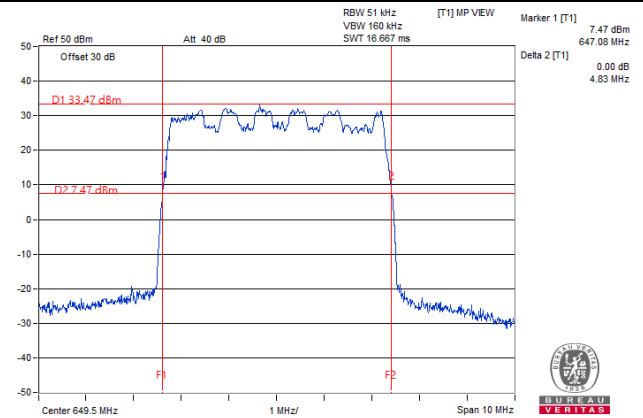


16QAM

Ch 123900 (619.5MHz)

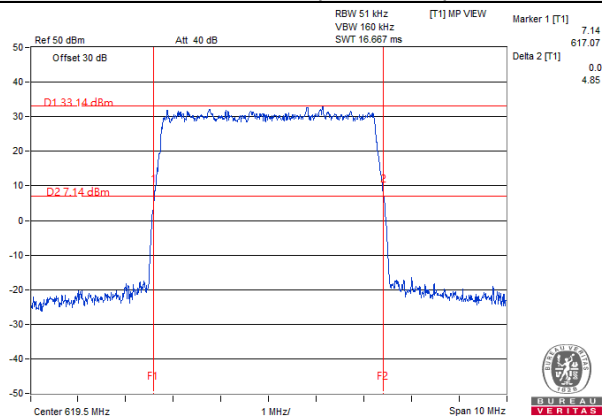


Ch 129900 (649.5MHz)

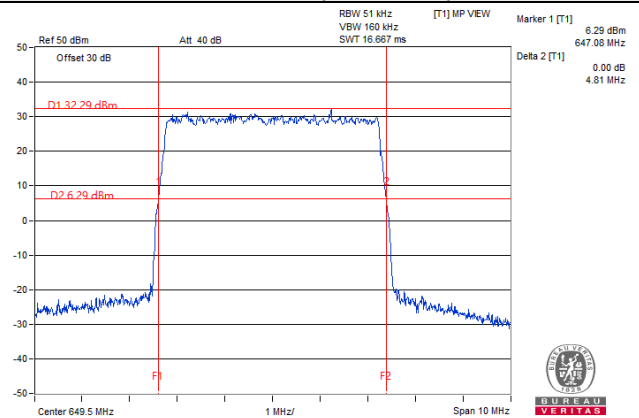


64QAM

Ch 123900 (619.5MHz)

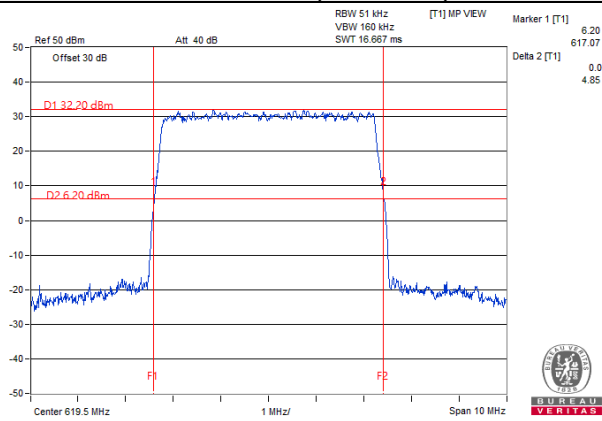


Ch 129900 (649.5MHz)

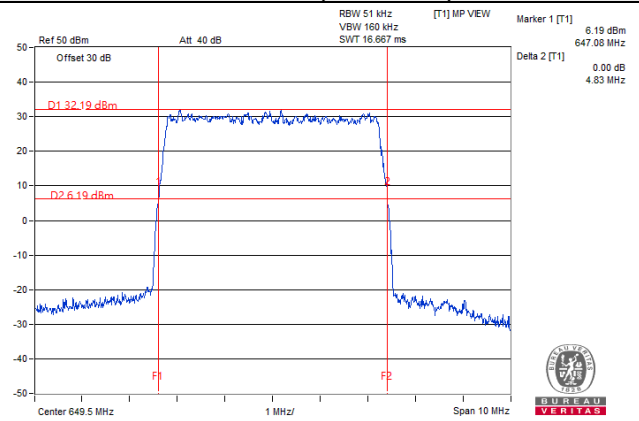


256QAM

Ch 123900 (619.5MHz)



Ch 129900 (649.5MHz)

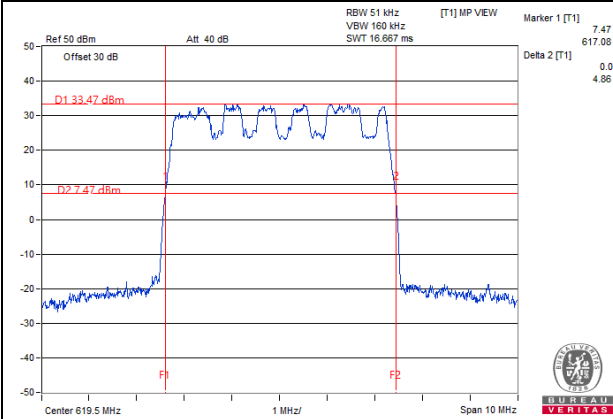


ANT2

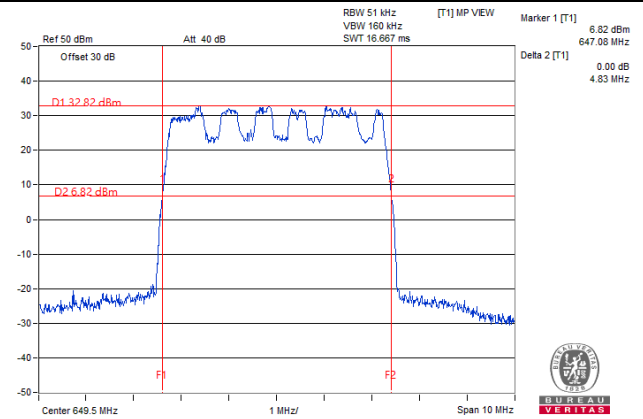
-26dBc Bandwidth

QPSK

Ch 123900 (619.5MHz)

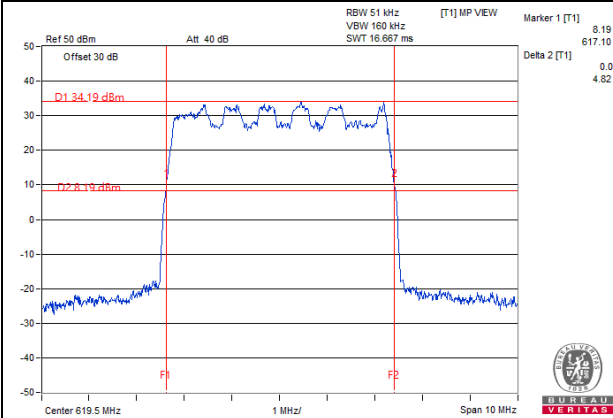


Ch 129900 (649.5MHz)

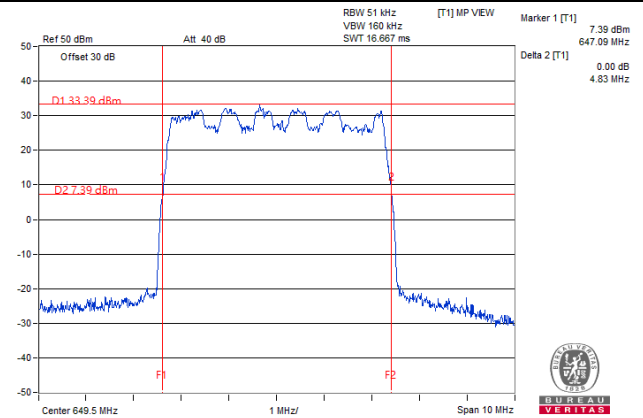


16QAM

Ch 123900 (619.5MHz)

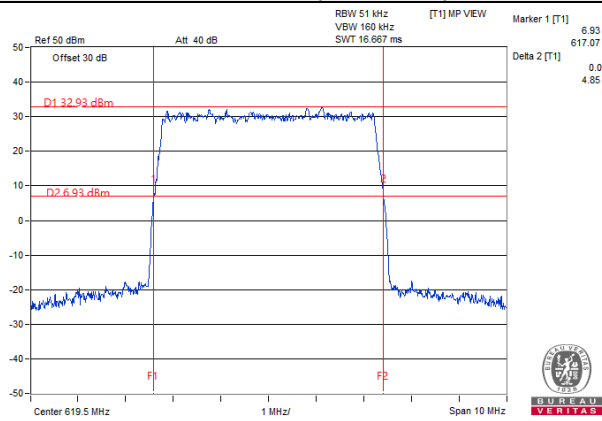


Ch 129900 (649.5MHz)

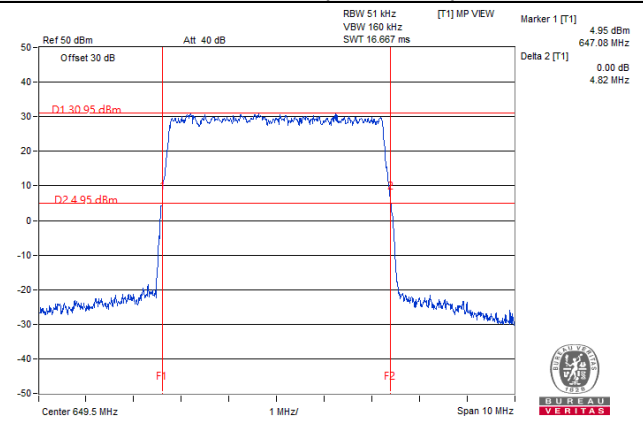


64QAM

Ch 123900 (619.5MHz)

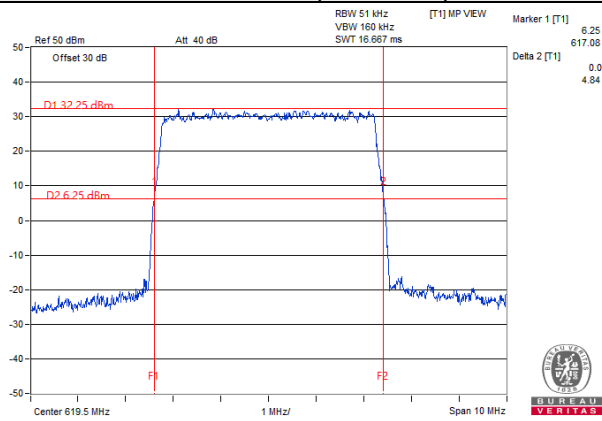


Ch 129900 (649.5MHz)

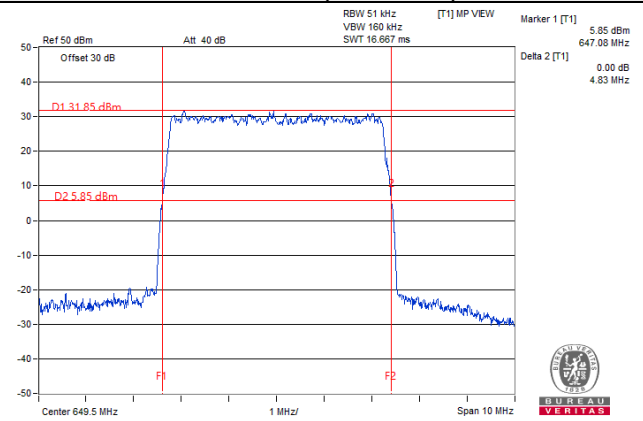


256QAM

Ch 123900 (619.5MHz)



Ch 129900 (649.5MHz)

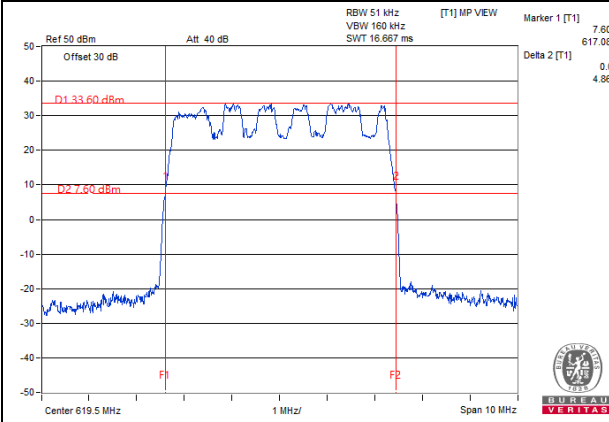


ANT3

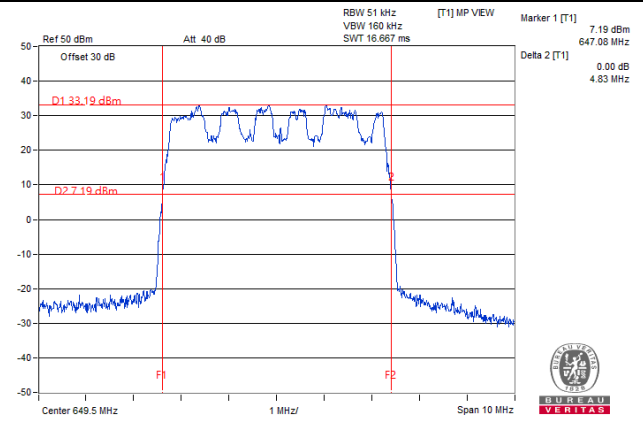
-26dBc Bandwidth

QPSK

Ch 123900 (619.5MHz)

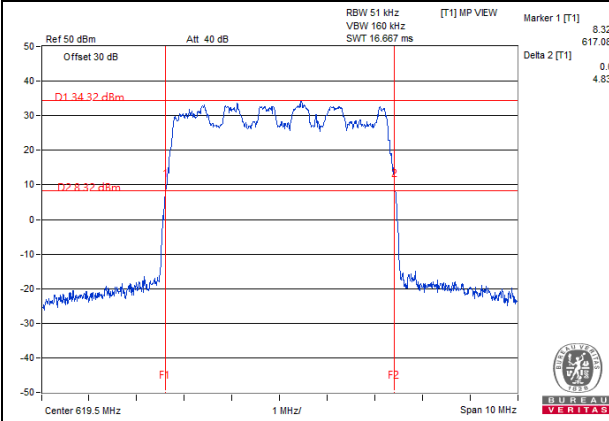


Ch 129900 (649.5MHz)

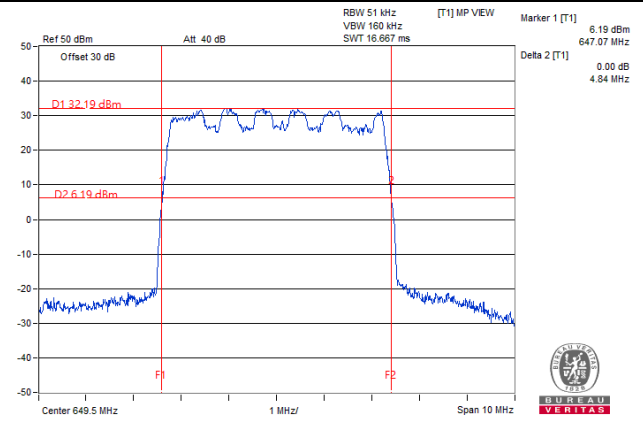


16QAM

Ch 123900 (619.5MHz)

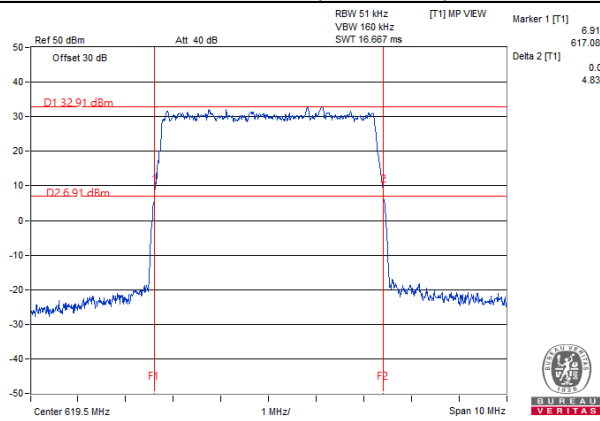


Ch 129900 (649.5MHz)

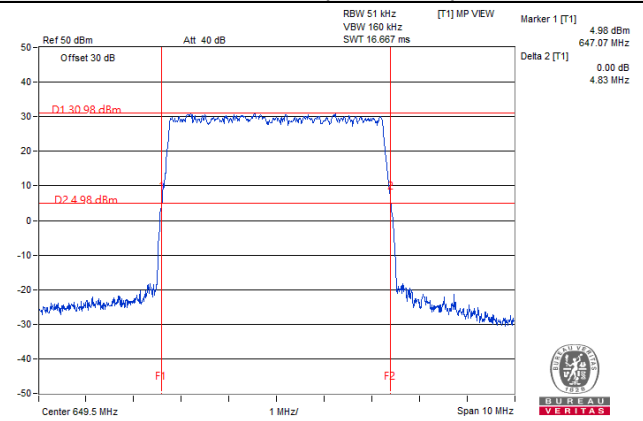


64QAM

Ch 123900 (619.5MHz)

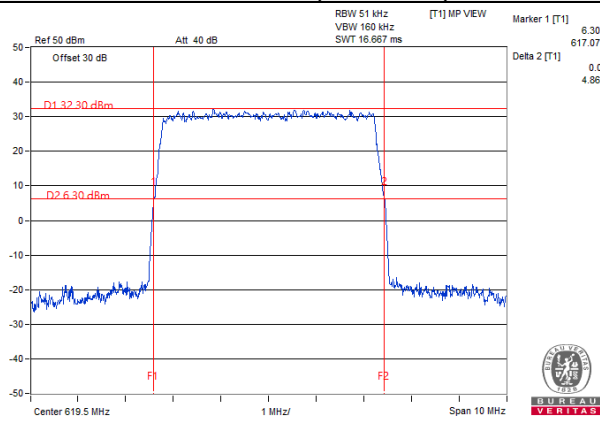


Ch 129900 (649.5MHz)

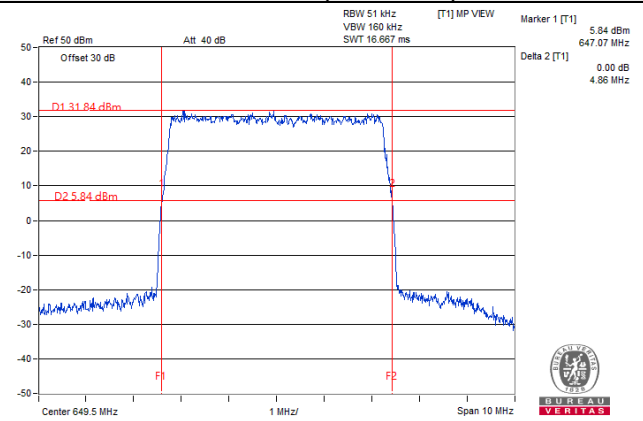


256QAM

Ch 123900 (619.5MHz)



Ch 129900 (649.5MHz)



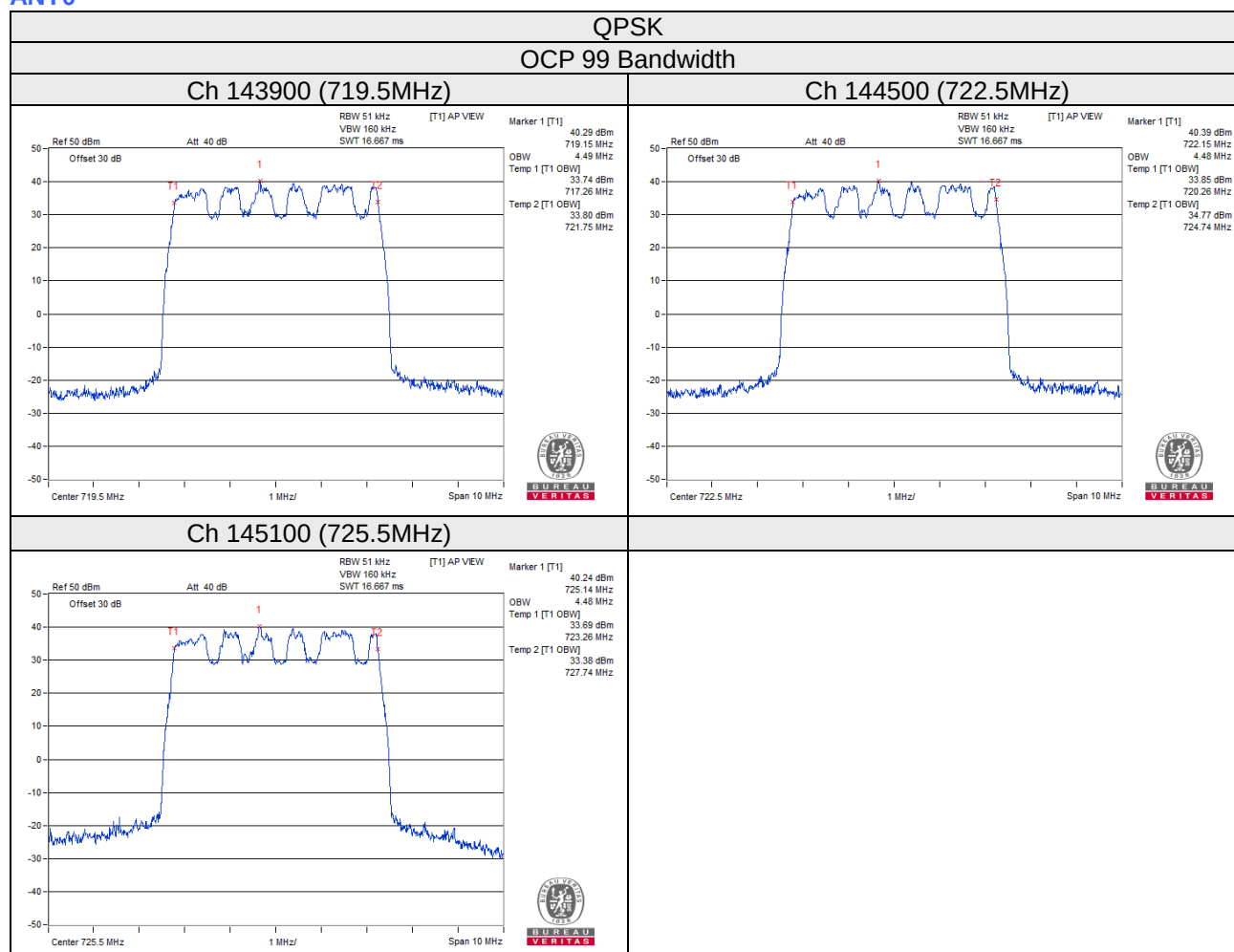
4.4.5 Test Results (Occupied Bandwidth)

Band n29 Single Carrier

5MHz

Channel Number	Freq. (MHz)	OCP 99 Bandwidth (MHz)							
		ANT0				ANT1			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
143900	719.5	4.49	4.49	4.47	4.46	4.49	4.48	4.47	4.46
144500	722.5	4.48	4.49	4.47	4.47	4.48	4.49	4.47	4.46
145100	725.5	4.48	4.50	4.48	4.47	4.48	4.49	4.47	4.47

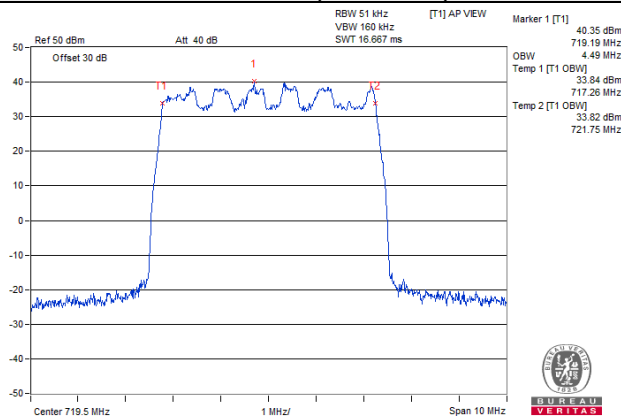
ANT0



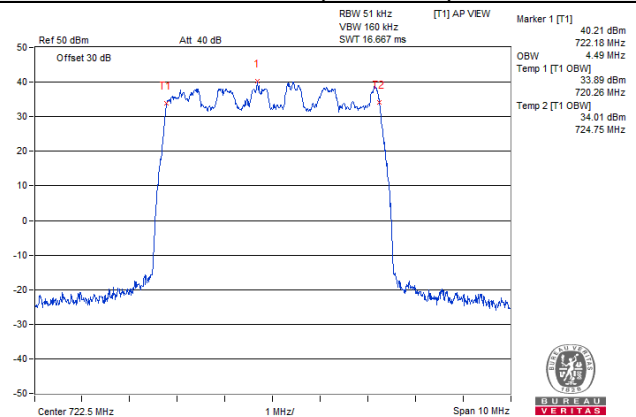
16QAM

OCP 99 Bandwidth

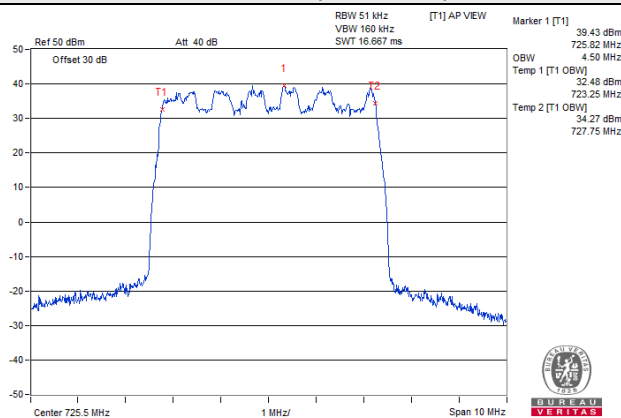
Ch 143900 (719.5MHz)



Ch 144500 (722.5MHz)



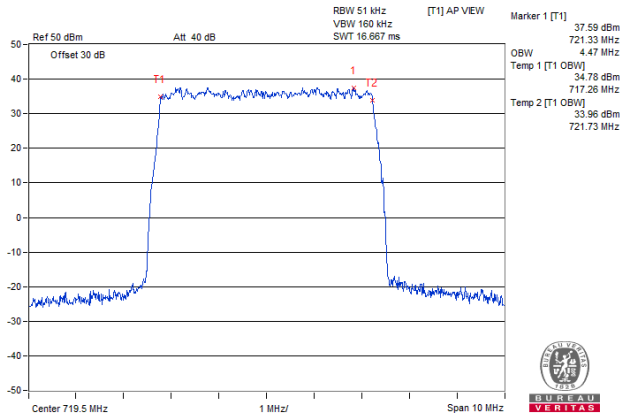
Ch 145100 (725.5MHz)



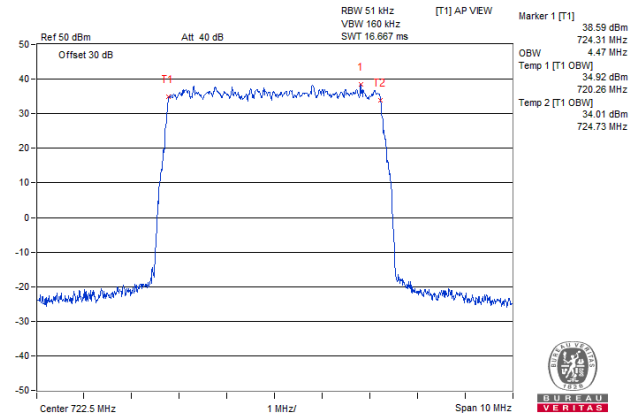
64QAM

OCP 99 Bandwidth

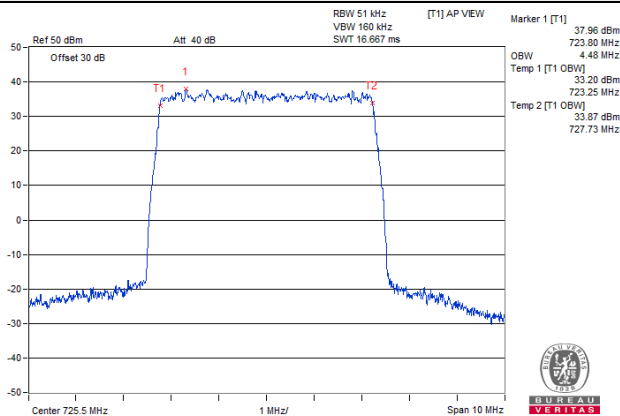
Ch 143900 (719.5MHz)



Ch 144500 (722.5MHz)



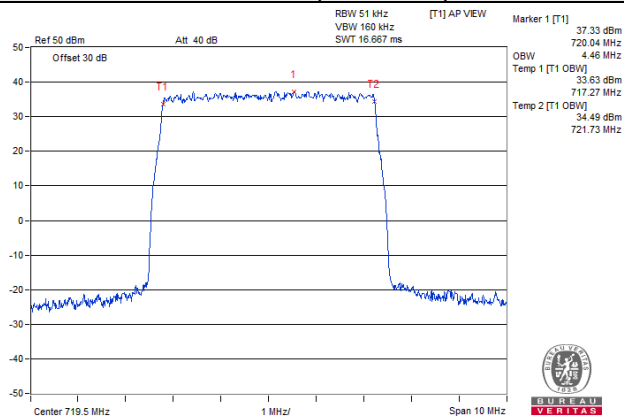
Ch 145100 (725.5MHz)



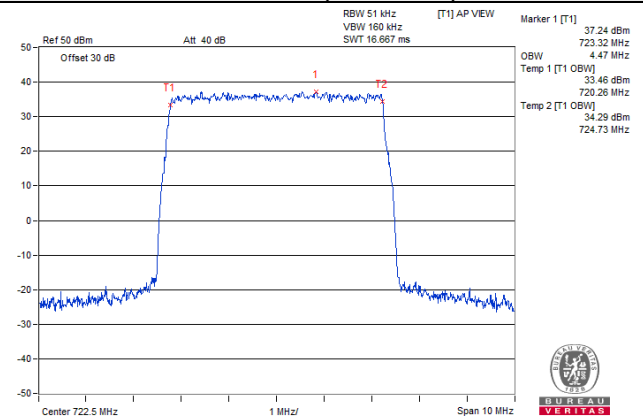
256QAM

OCP 99 Bandwidth

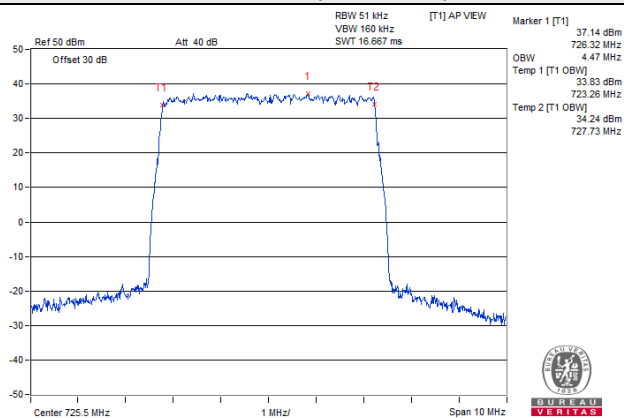
Ch 143900 (719.5MHz)



Ch 144500 (722.5MHz)



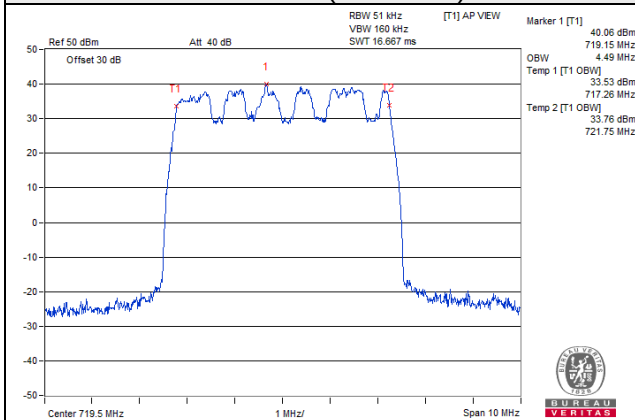
Ch 145100 (725.5MHz)



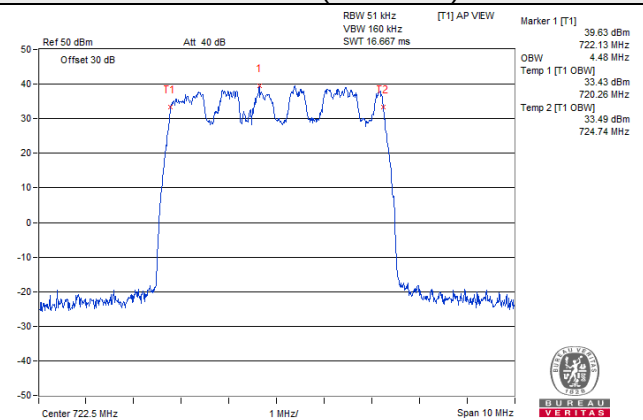
ANT1

QPSK
OCP 99 Bandwidth

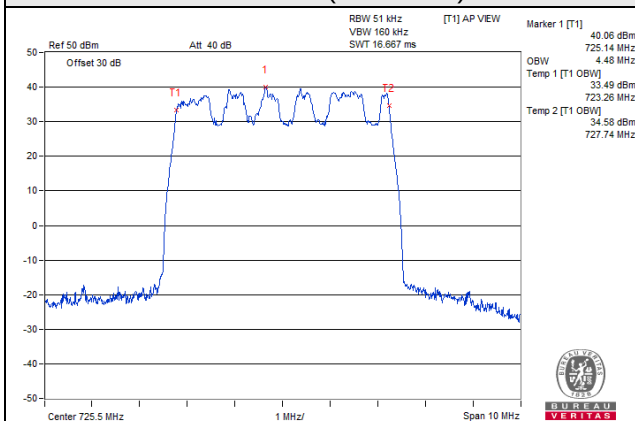
Ch 143900 (719.5MHz)



Ch 144500 (722.5MHz)



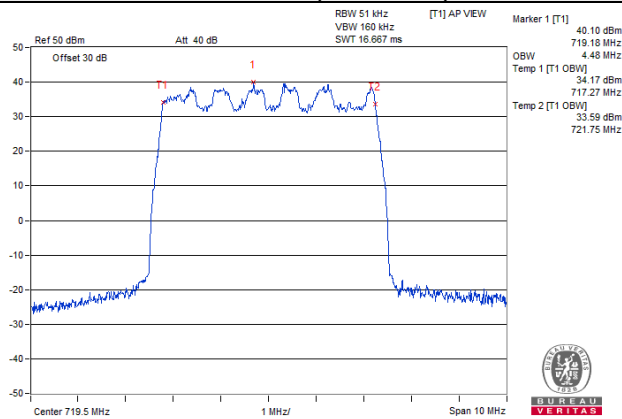
Ch 145100 (725.5MHz)



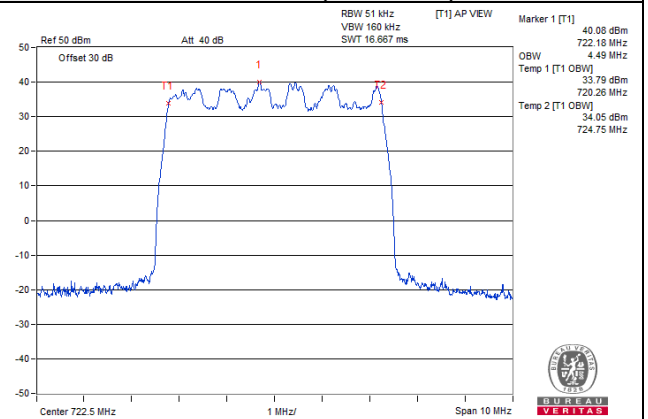
16QAM

OCP 99 Bandwidth

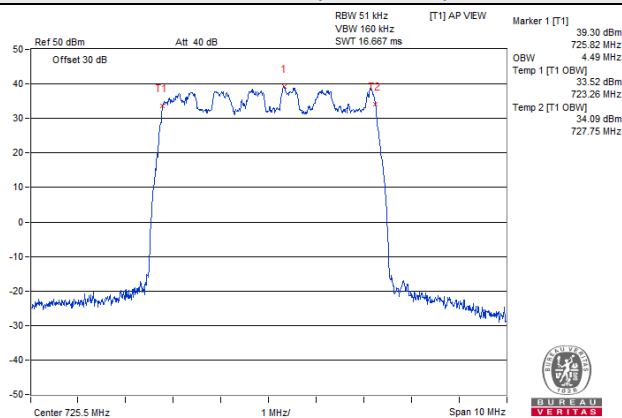
Ch 143900 (719.5MHz)



Ch 144500 (722.5MHz)



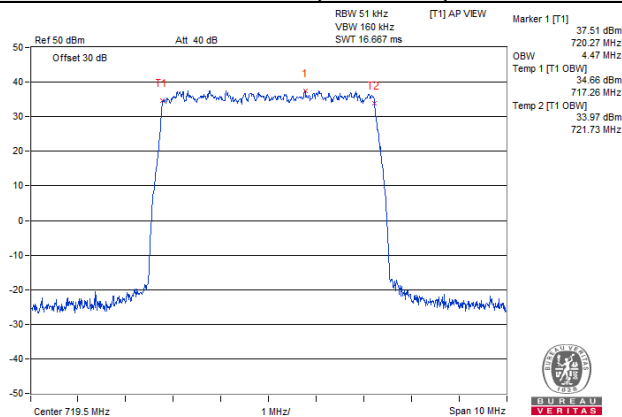
Ch 145100 (725.5MHz)



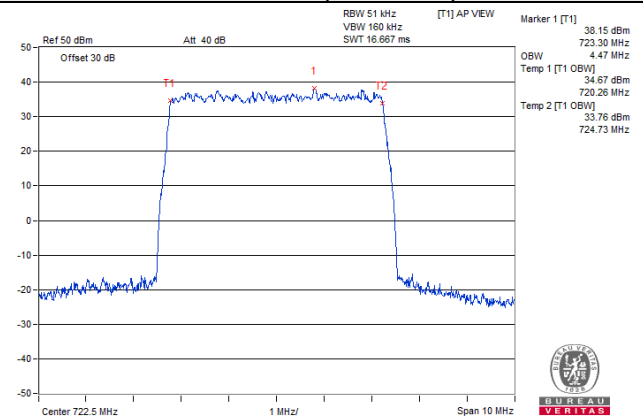
64QAM

OCP 99 Bandwidth

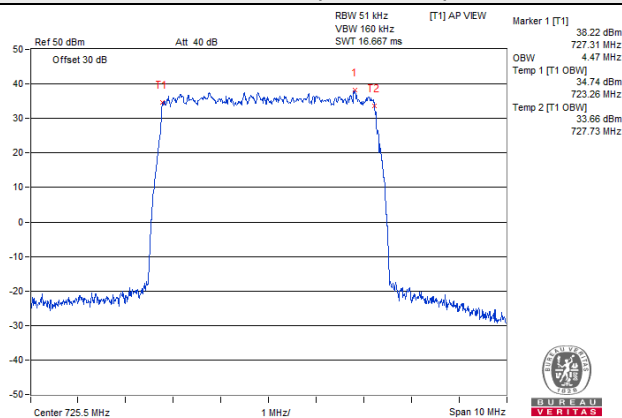
Ch 143900 (719.5MHz)



Ch 144500 (722.5MHz)



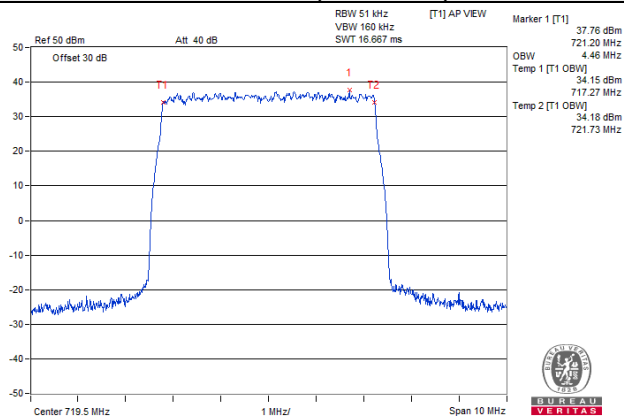
Ch 145100 (725.5MHz)



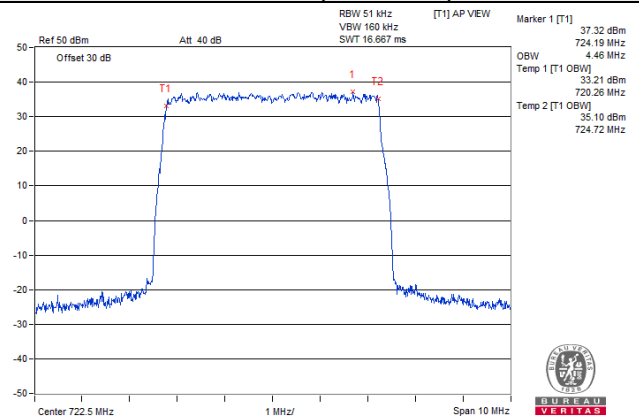
256QAM

OCP 99 Bandwidth

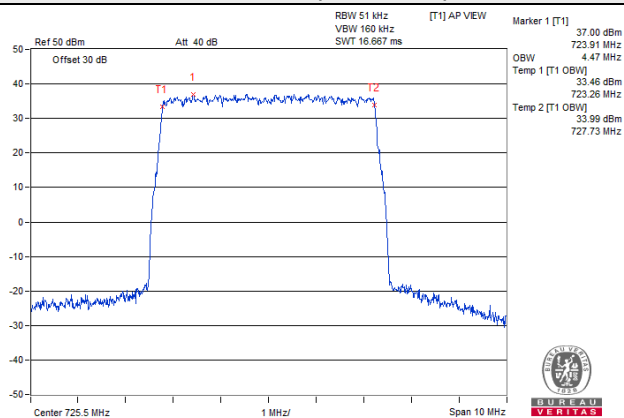
Ch 143900 (719.5MHz)



Ch 144500 (722.5MHz)



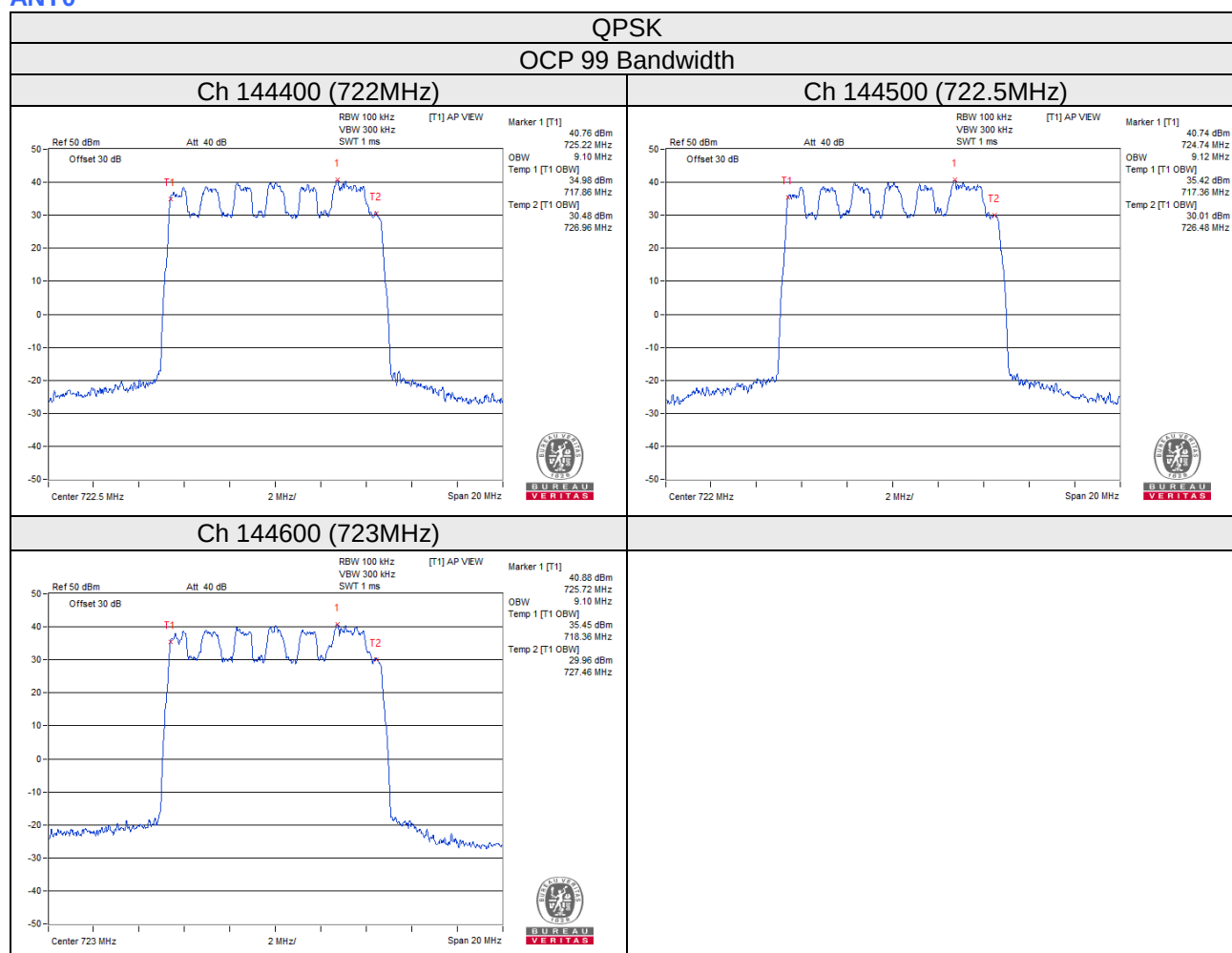
Ch 145100 (725.5MHz)



10MHz

Channel Number	Freq. (MHz)	OCP 99 Bandwidth (MHz)							
		ANT0				ANT1			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
144400	722	9.10	9.22	9.26	9.24	9.12	9.22	9.28	9.26
144500	722.5	9.12	9.22	9.28	9.24	9.12	9.22	9.28	9.26
144600	723	9.10	9.22	9.26	9.28	9.10	9.22	9.28	9.28

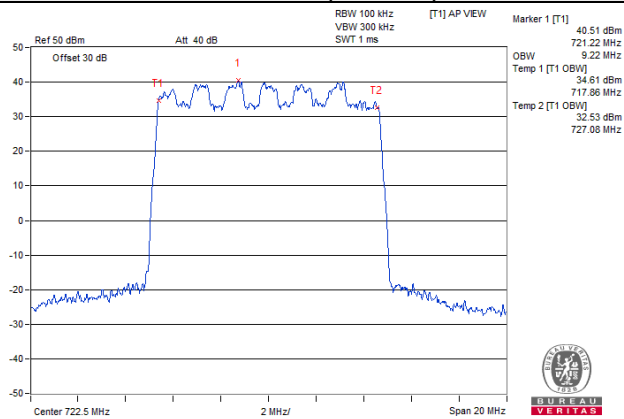
ANT0



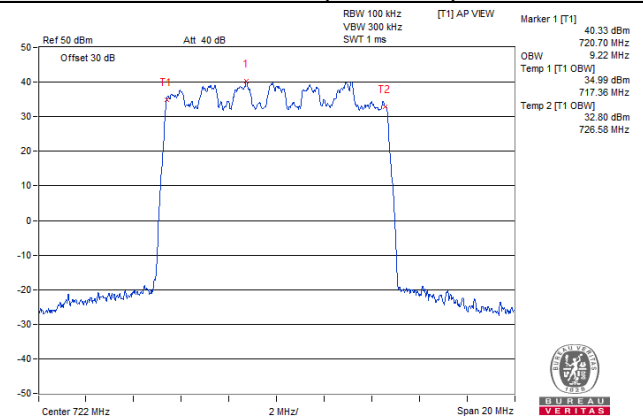
16QAM

OCP 99 Bandwidth

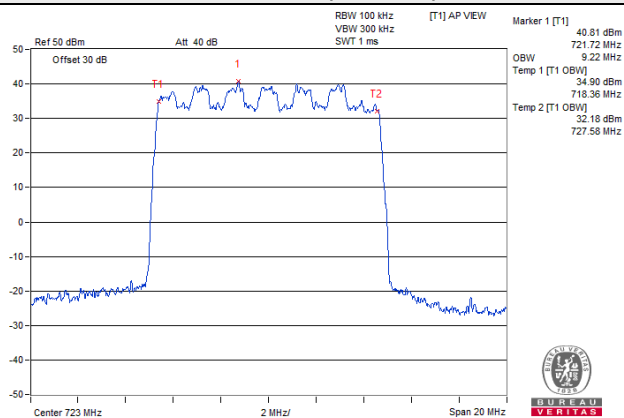
Ch 144400 (722MHz)



Ch 144500 (722.5MHz)



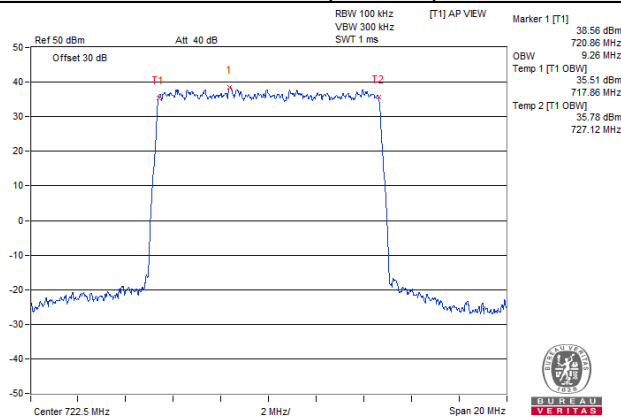
Ch 144600 (723MHz)



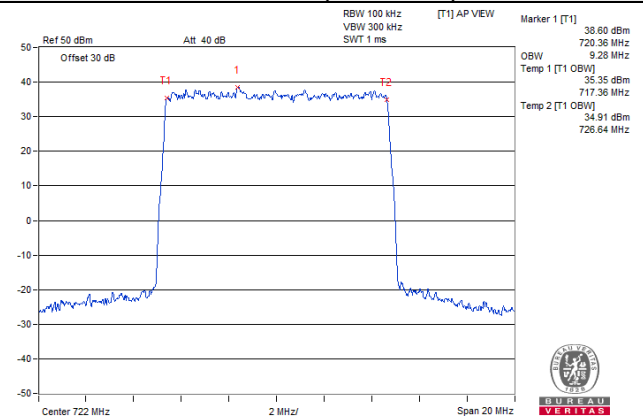
64QAM

OCP 99 Bandwidth

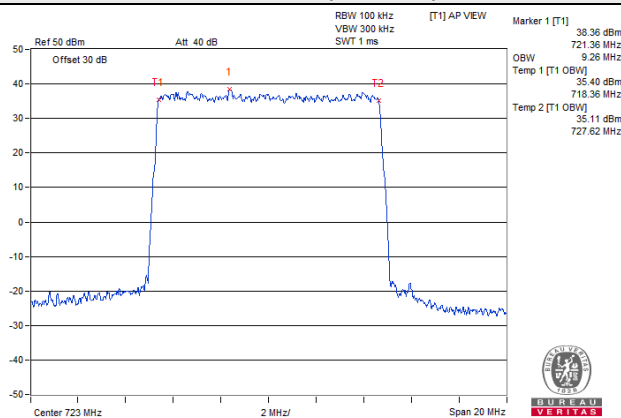
Ch 144400 (722MHz)



Ch 144500 (722.5MHz)



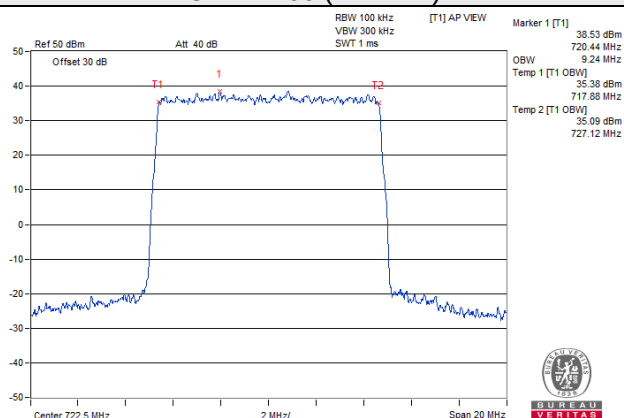
Ch 144600 (723MHz)



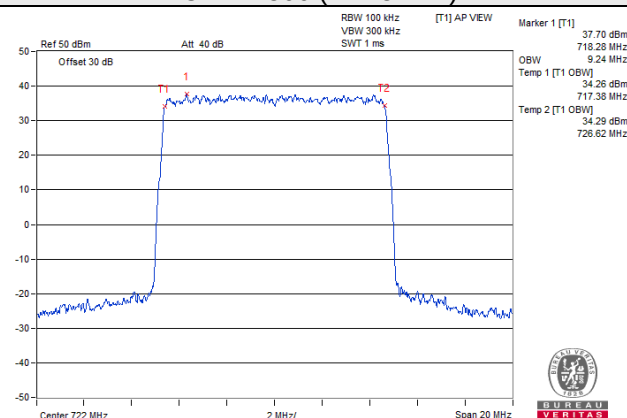
256QAM

OCP 99 Bandwidth

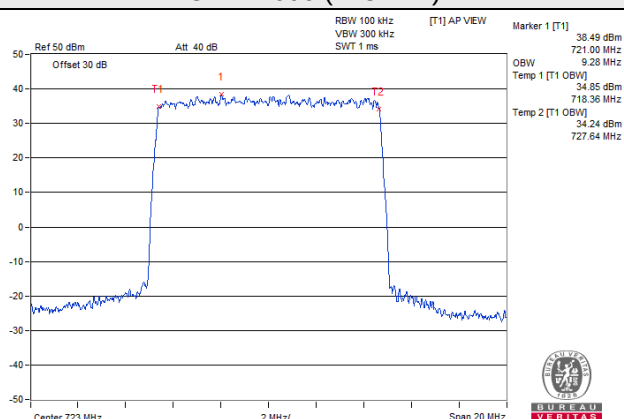
Ch 144400 (722MHz)



Ch 144500 (722.5MHz)



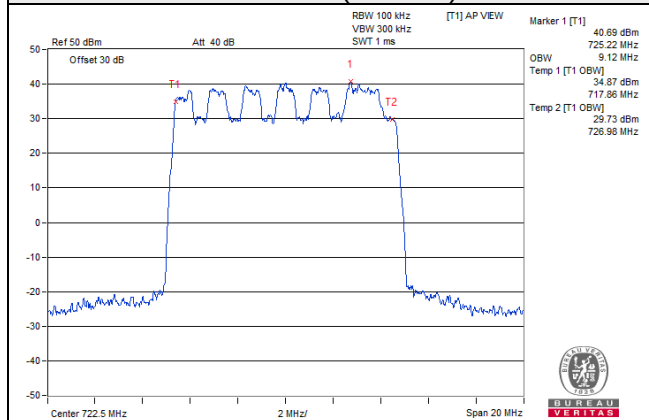
Ch 144600 (723MHz)



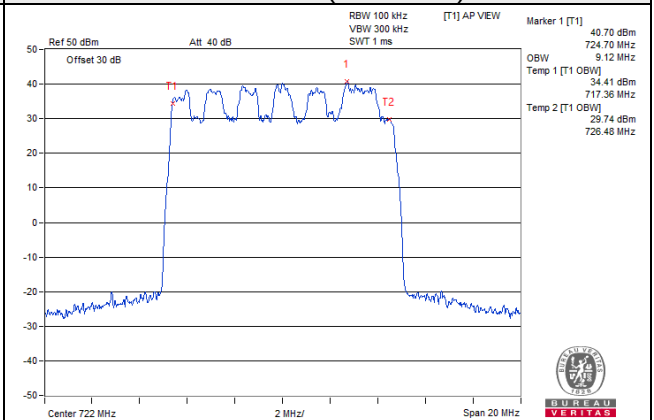
ANT1

QPSK
OCP 99 Bandwidth

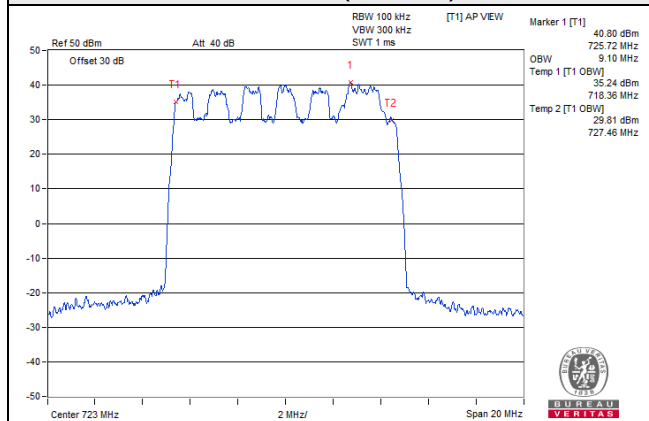
Ch 144400 (722MHz)



Ch 144500 (722.5MHz)



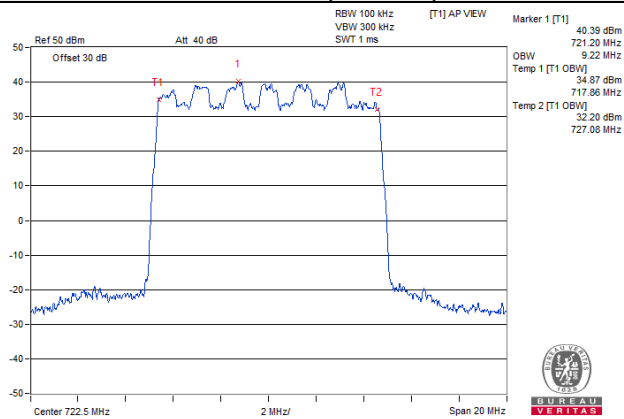
Ch 144600 (723MHz)



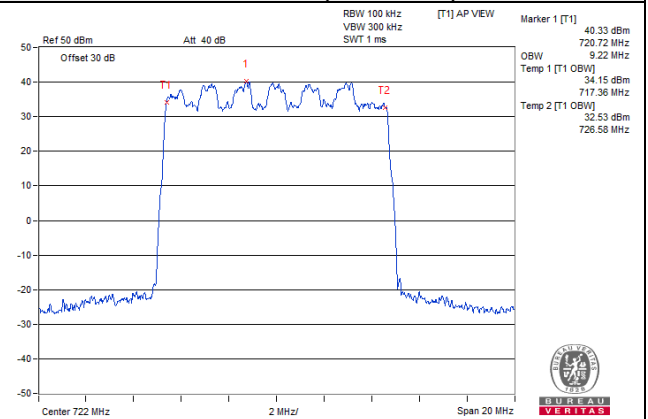
16QAM

OCP 99 Bandwidth

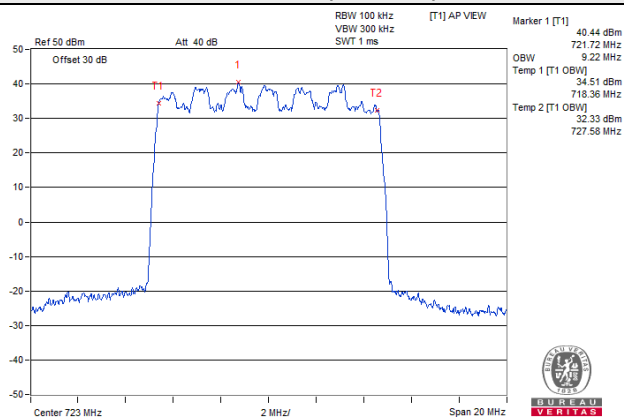
Ch 144400 (722MHz)



Ch 144500 (722.5MHz)



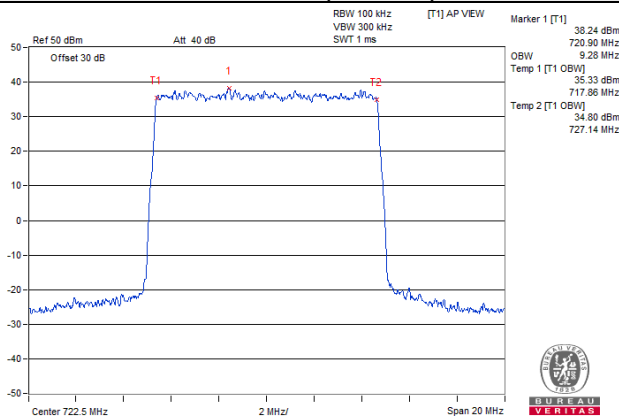
Ch 144600 (723MHz)



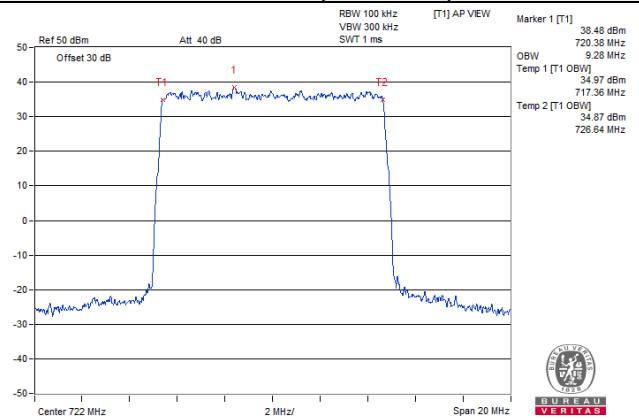
64QAM

OCP 99 Bandwidth

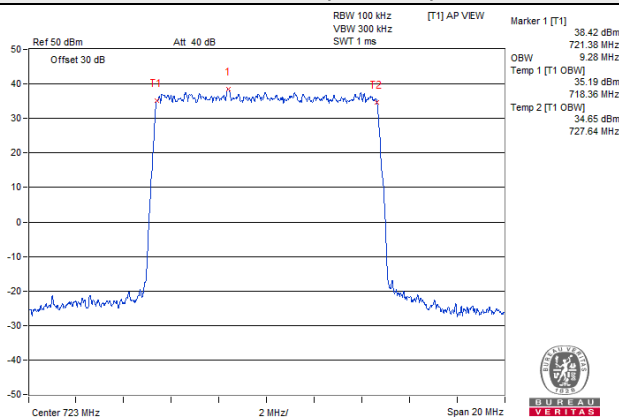
Ch 144400 (722MHz)



Ch 144500 (722.5MHz)



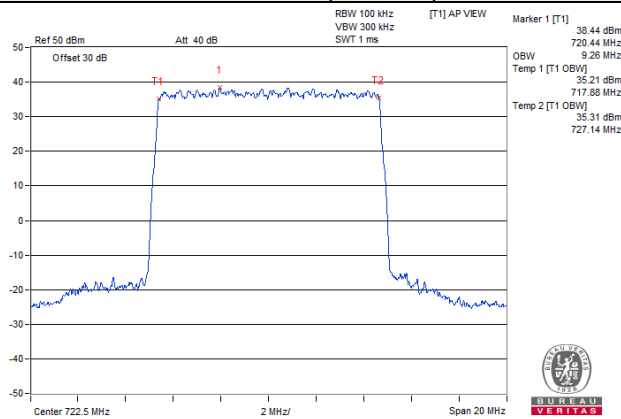
Ch 144600 (723MHz)



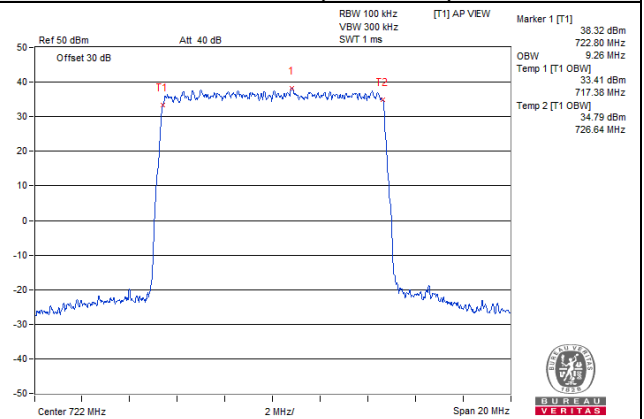
256QAM

OCP 99 Bandwidth

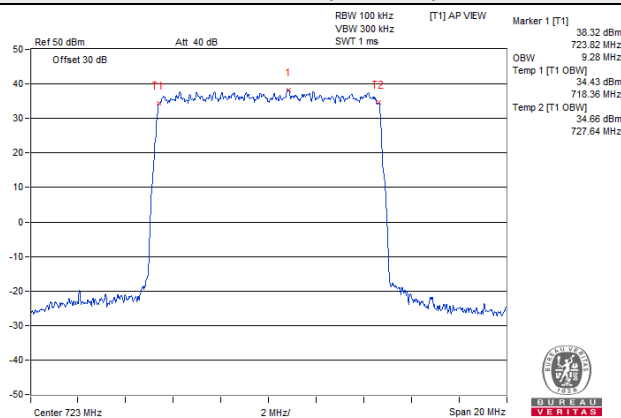
Ch 144400 (722MHz)



Ch 144500 (722.5MHz)



Ch 144600 (723MHz)

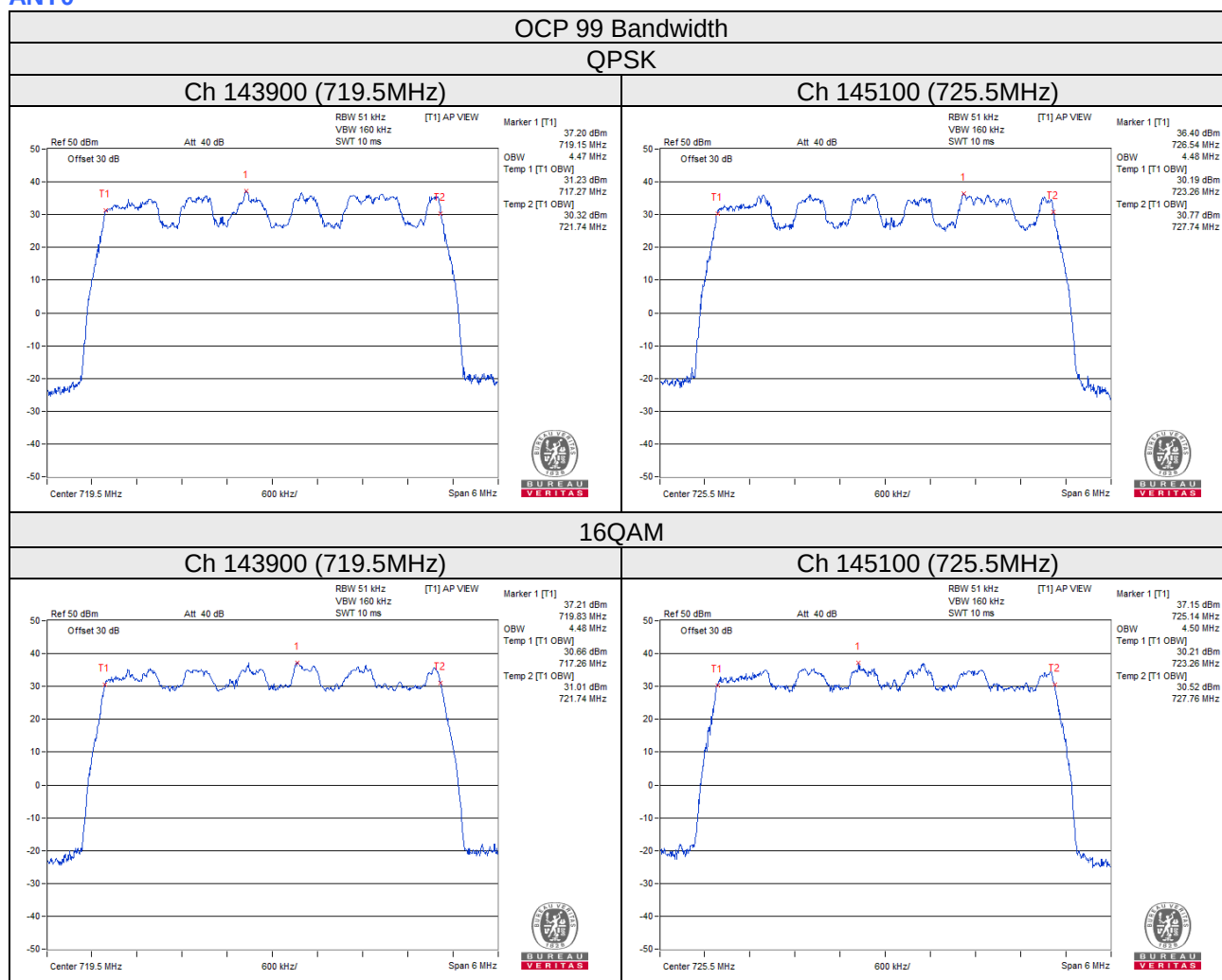


CA-NC Non-Contiguous

5MHz+5MHz

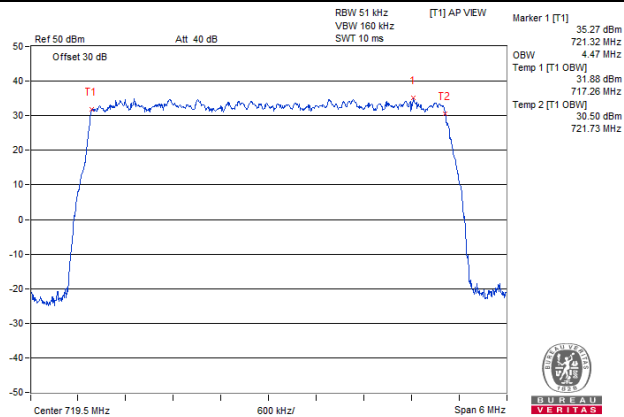
Channel Number	Freq. (MHz)	OCP 99 Bandwidth (MHz)							
		ANT0				ANT1			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
143900	719.5	4.47	4.48	4.47	4.46	4.48	4.47	4.47	4.46
+ 145100	+ 725.5	4.48	4.50	4.47	4.47	4.49	4.51	4.48	4.47

ANT0

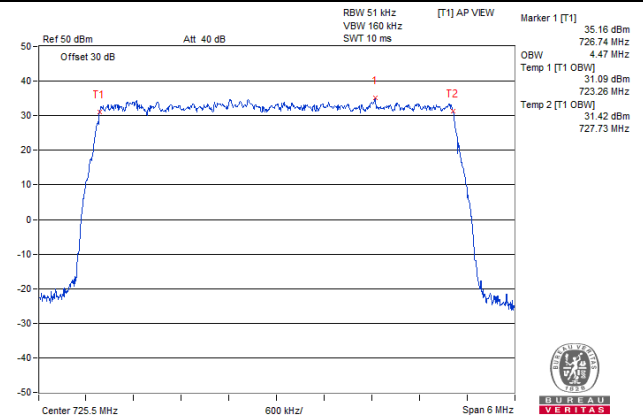


64QAM

Ch 143900 (719.5MHz)

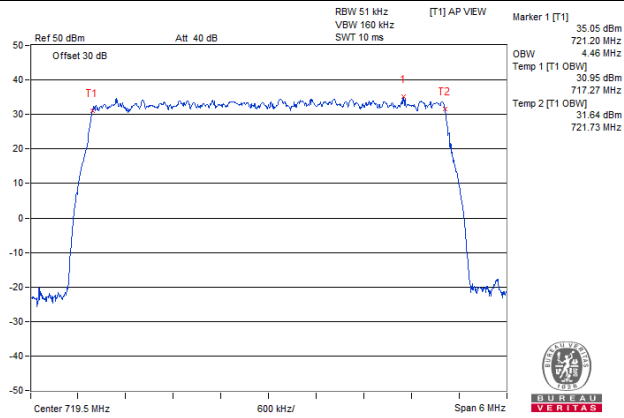


Ch 145100 (725.5MHz)

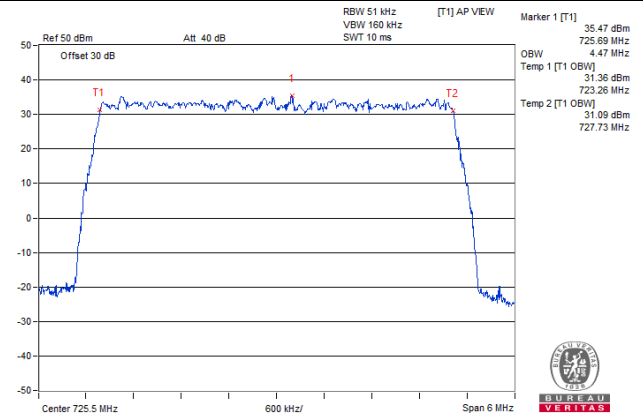


256QAM

Ch 143900 (719.5MHz)

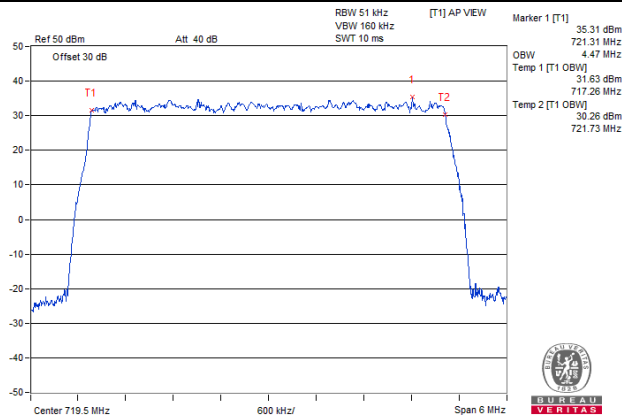


Ch 145100 (725.5MHz)

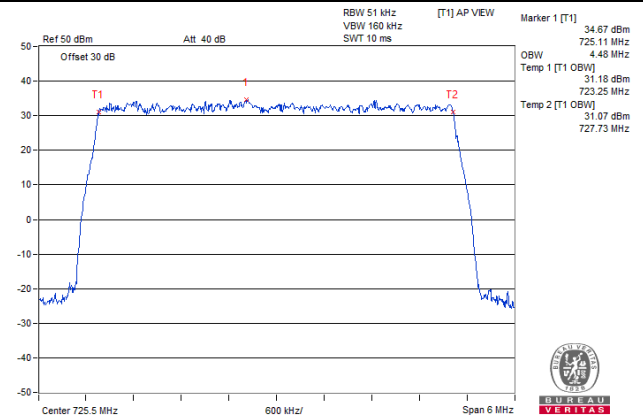


64QAM

Ch 143900 (719.5MHz)

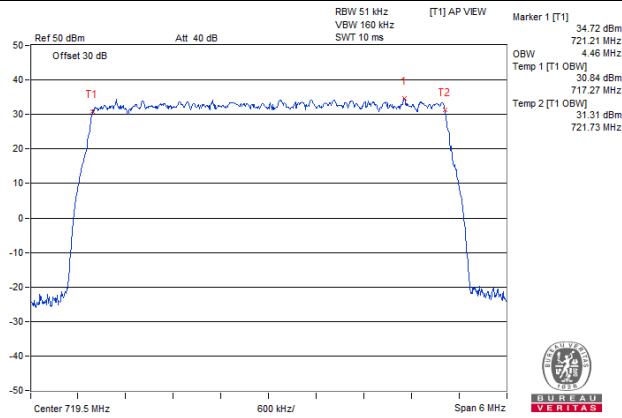


Ch 145100 (725.5MHz)

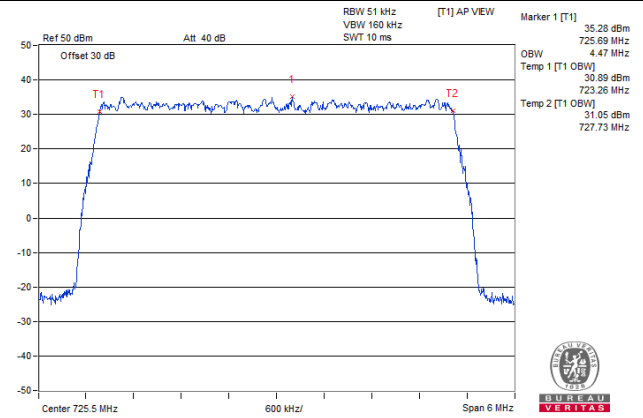


256QAM

Ch 143900 (719.5MHz)



Ch 145100 (725.5MHz)

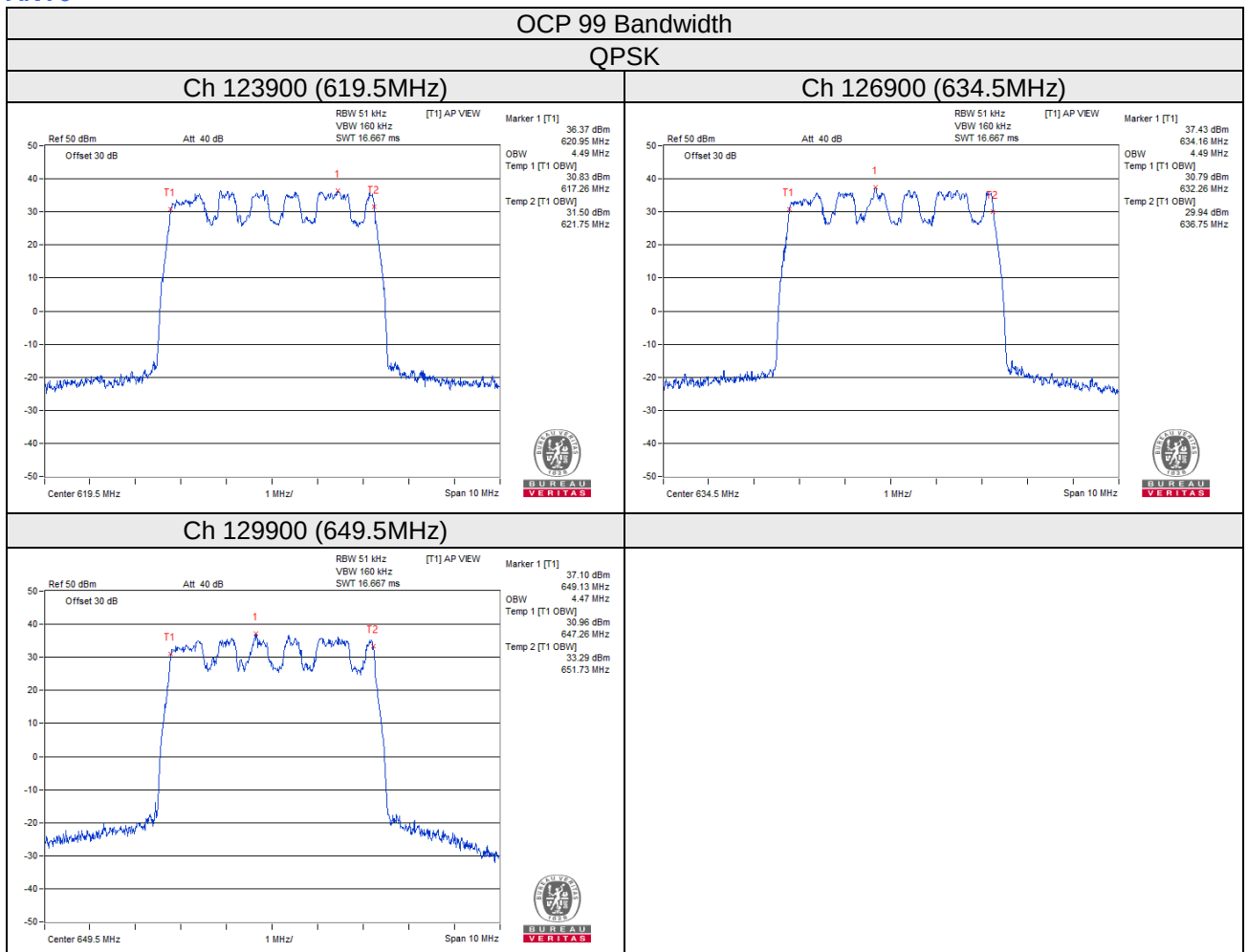


Band n71 Single Carrier

5MHz

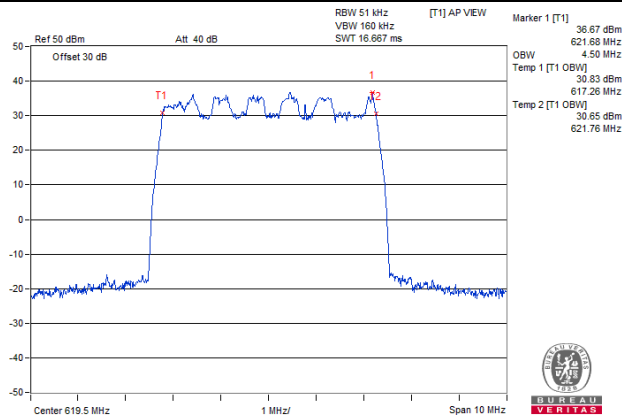
Channel Number	Freq. (MHz)	OCP 99 Bandwidth (MHz)															
		ANT0				ANT1				ANT2				ANT3			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
123900	619.5	4.49	4.50	4.48	4.47	4.49	4.50	4.48	4.47	4.50	4.50	4.47	4.47	4.49	4.50	4.48	4.47
126900	634.5	4.49	4.47	4.47	4.47	4.49	4.48	4.48	4.47	4.49	4.48	4.48	4.47	4.49	4.48	4.48	4.47
129900	649.5	4.47	4.49	4.48	4.47	4.48	4.49	4.46	4.47	4.47	4.49	4.46	4.47	4.48	4.49	4.47	4.47

ANT0

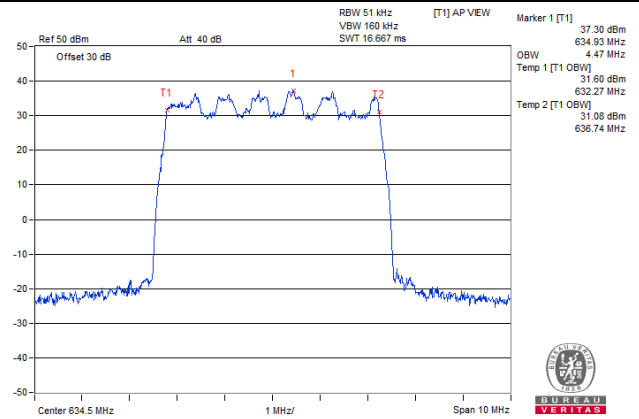


16QAM

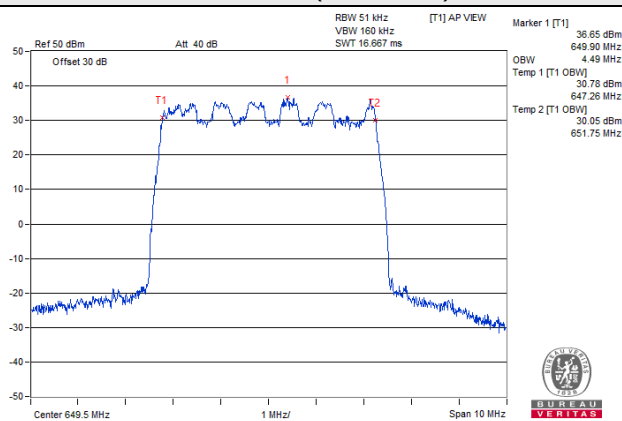
Ch 123900 (619.5MHz)



Ch 126900 (634.5MHz)

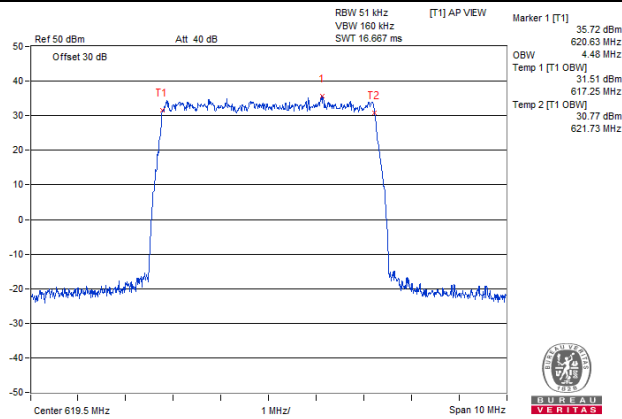


Ch 129900 (649.5MHz)

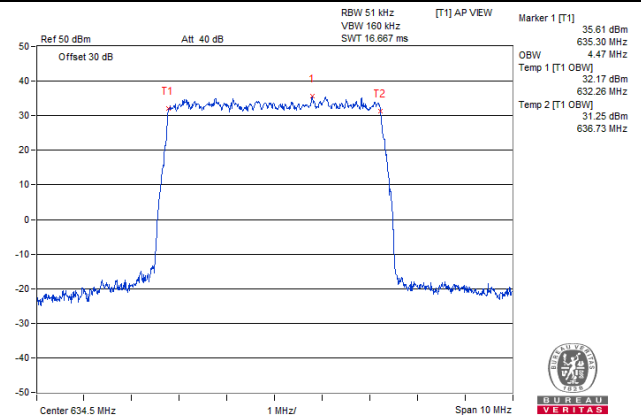


64QAM

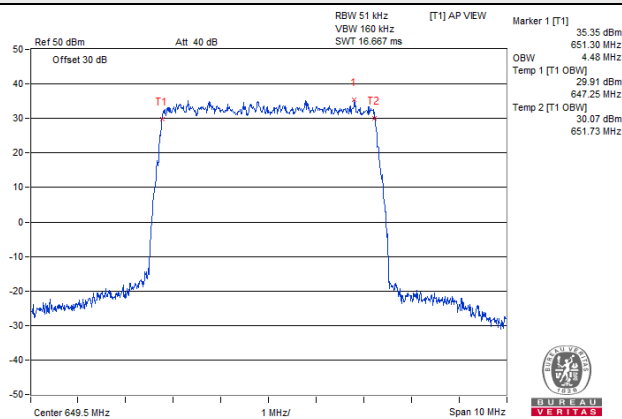
Ch 123900 (619.5MHz)



Ch 126900 (634.5MHz)

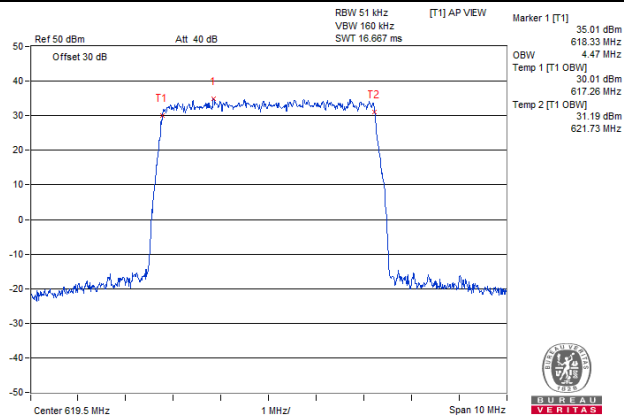


Ch 129900 (649.5MHz)

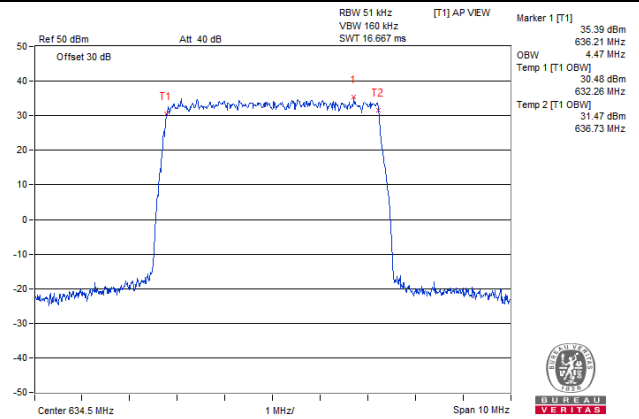


256QAM

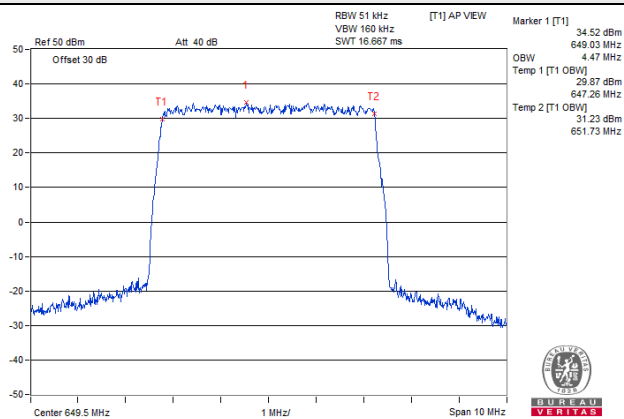
Ch 123900 (619.5MHz)



Ch 126900 (634.5MHz)



Ch 129900 (649.5MHz)

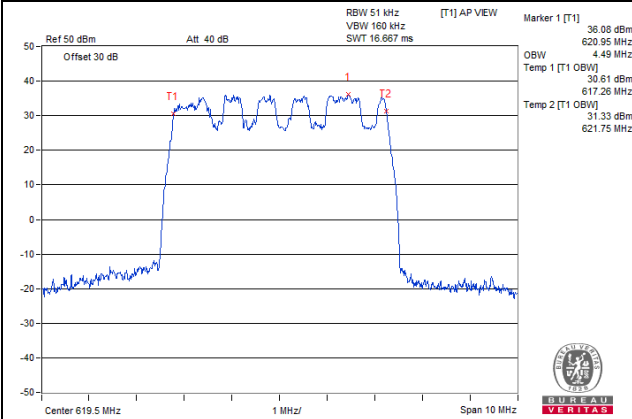


ANT1

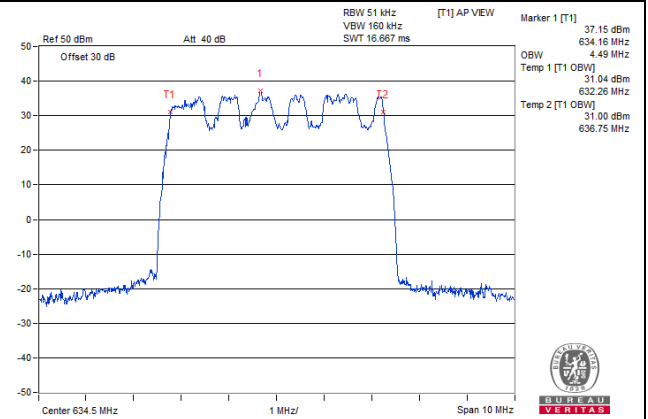
OCP 99 Bandwidth

QPSK

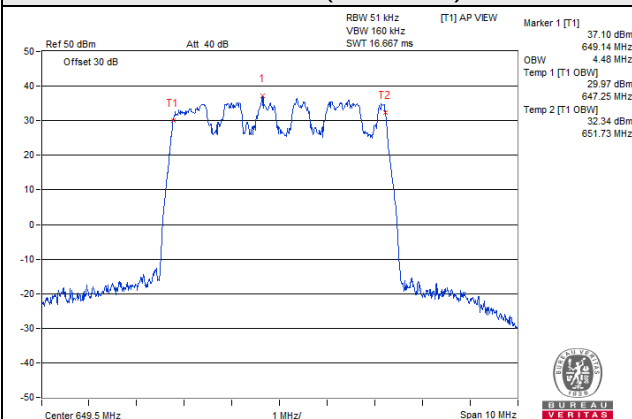
Ch 123900 (619.5MHz)



Ch 126900 (634.5MHz)

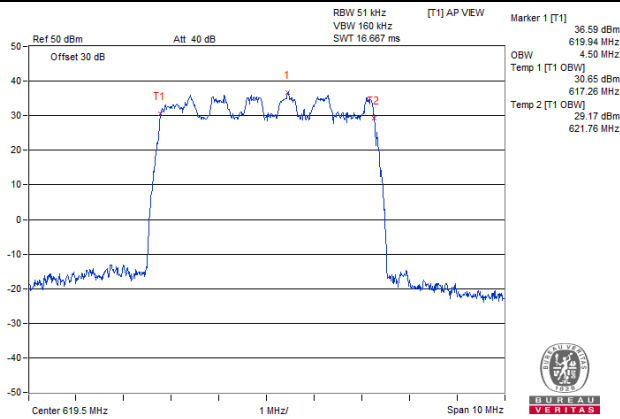


Ch 129900 (649.5MHz)

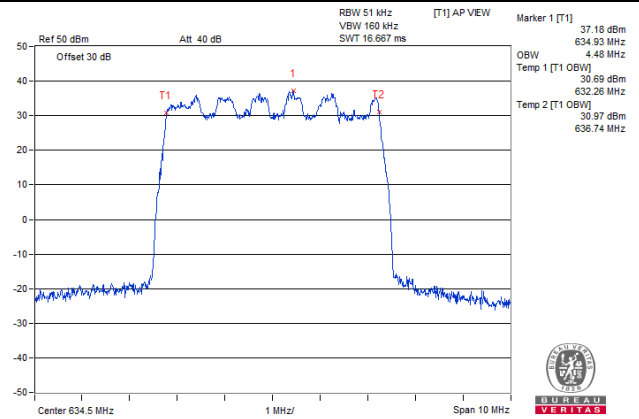


16QAM

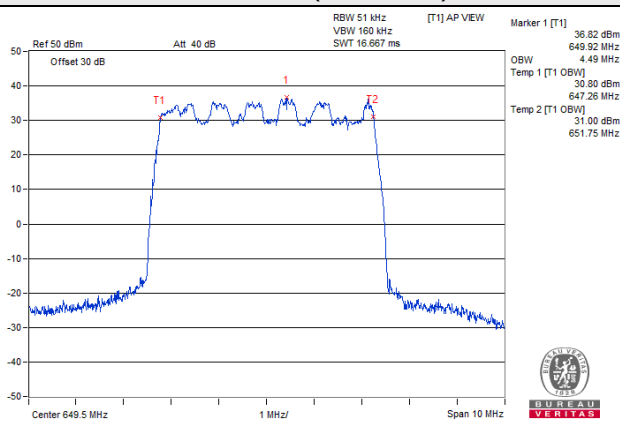
Ch 123900 (619.5MHz)



Ch 126900 (634.5MHz)

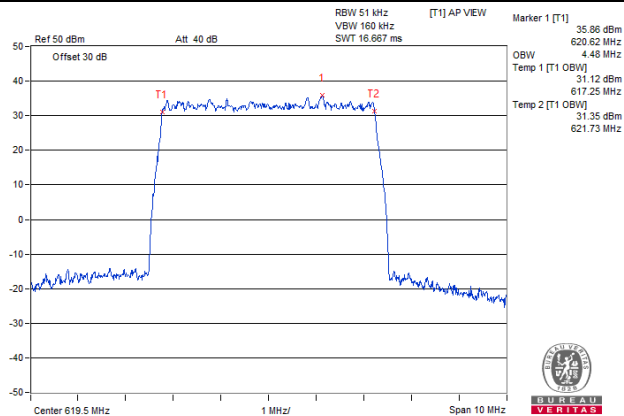


Ch 129900 (649.5MHz)

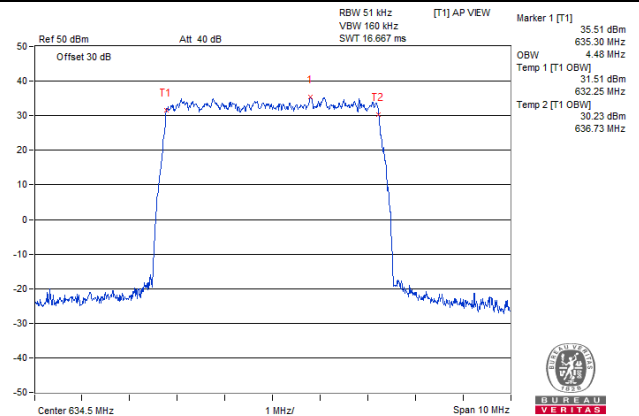


64QAM

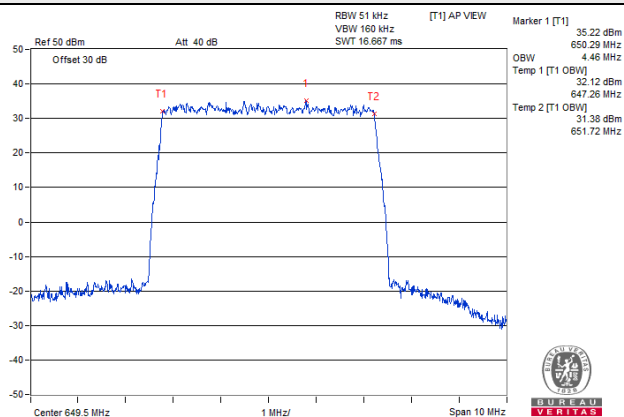
Ch 123900 (619.5MHz)



Ch 126900 (634.5MHz)

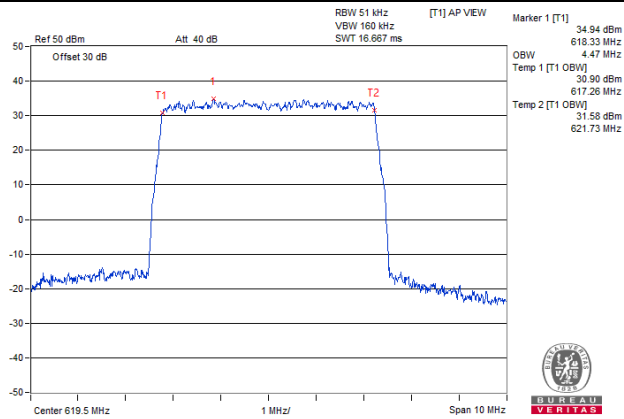


Ch 129900 (649.5MHz)

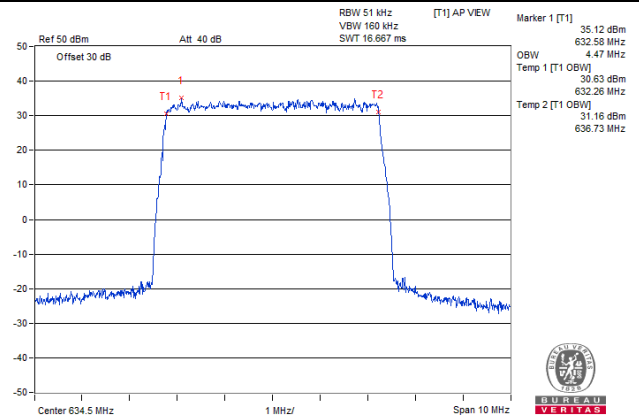


256QAM

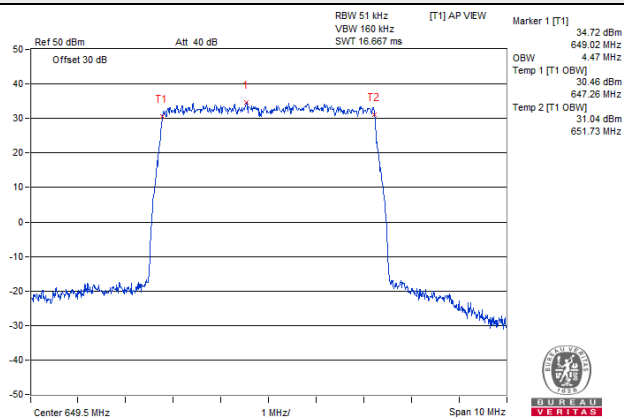
Ch 123900 (619.5MHz)



Ch 126900 (634.5MHz)



Ch 129900 (649.5MHz)

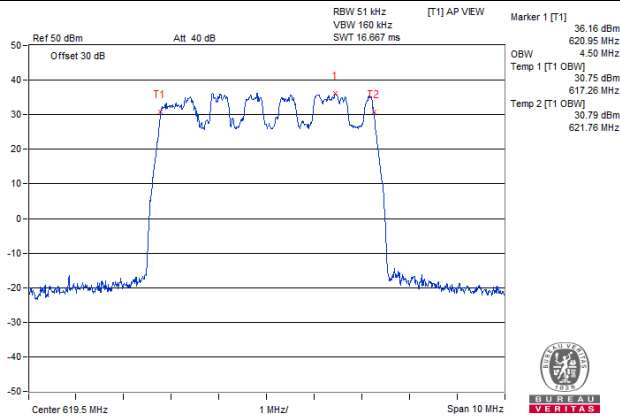


ANT2

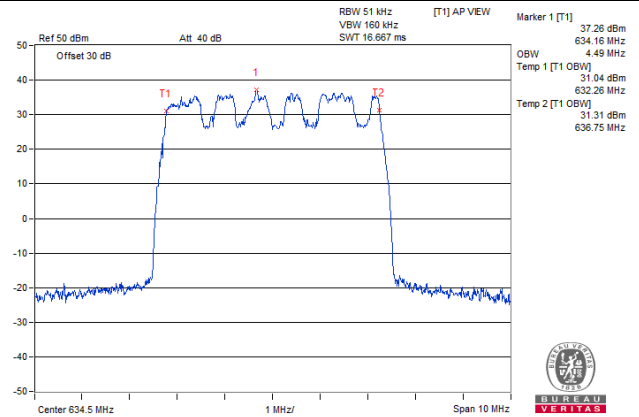
OCP 99 Bandwidth

QPSK

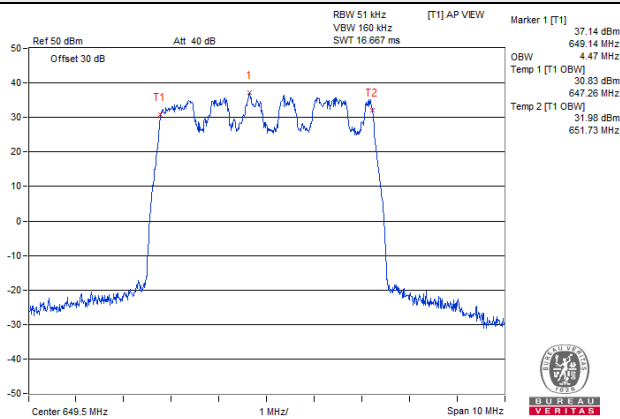
Ch 123900 (619.5MHz)



Ch 126900 (634.5MHz)

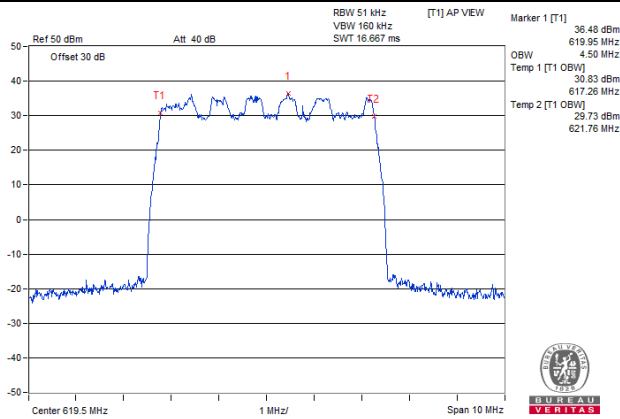


Ch 129900 (649.5MHz)

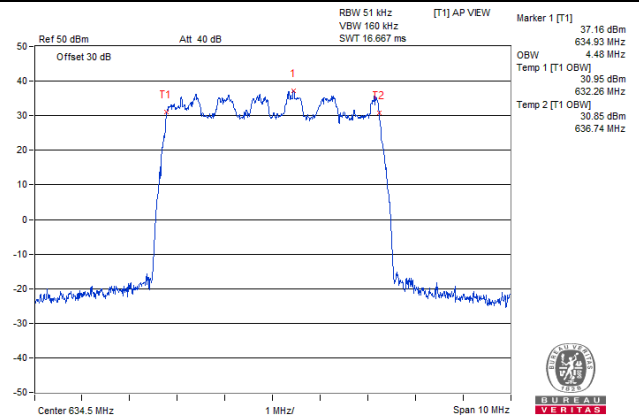


16QAM

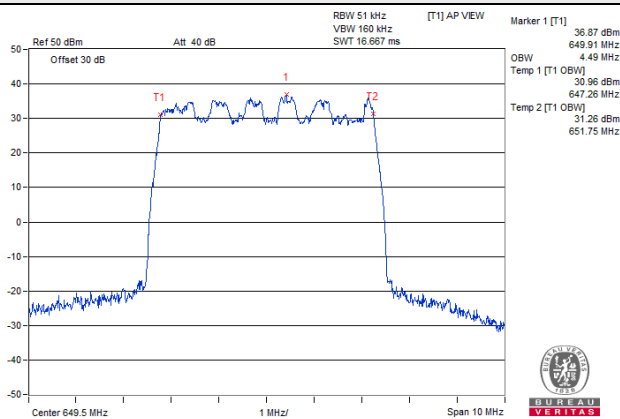
Ch 123900 (619.5MHz)



Ch 126900 (634.5MHz)

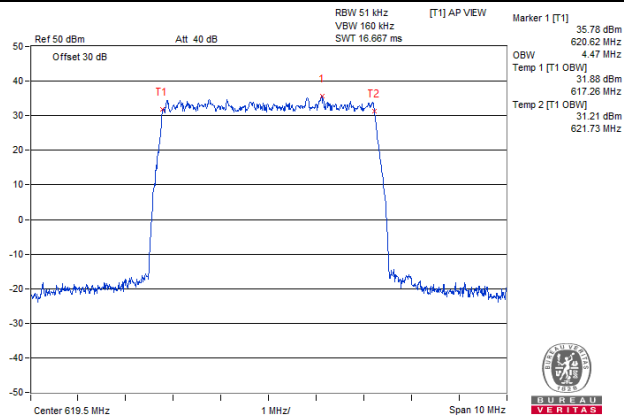


Ch 129900 (649.5MHz)

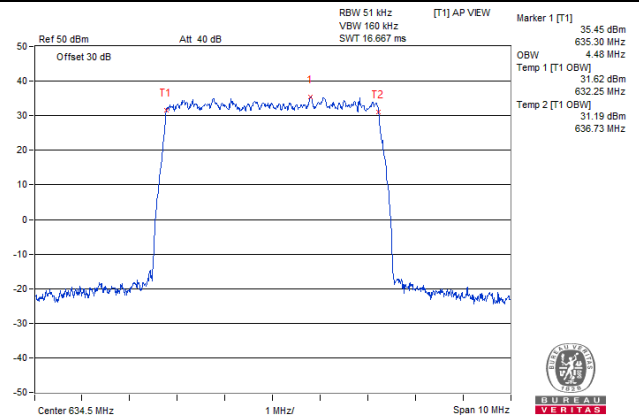


64QAM

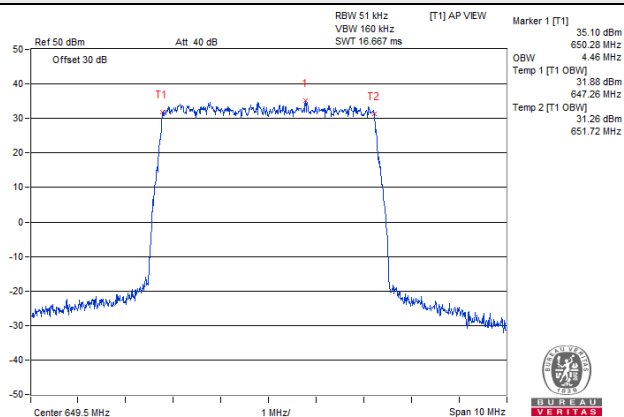
Ch 123900 (619.5MHz)



Ch 126900 (634.5MHz)

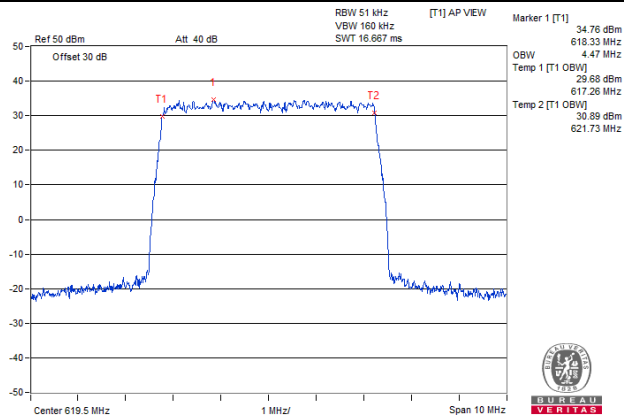


Ch 129900 (649.5MHz)

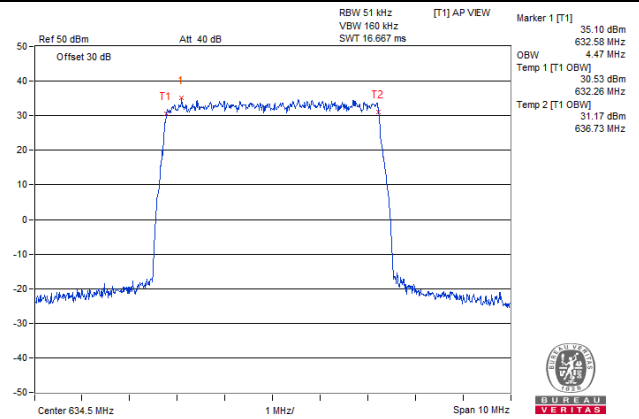


256QAM

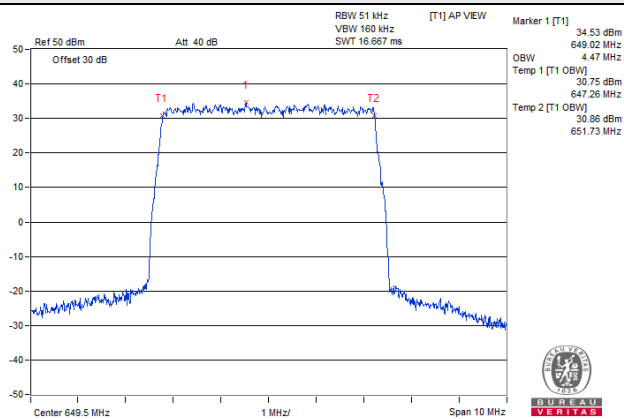
Ch 123900 (619.5MHz)



Ch 126900 (634.5MHz)



Ch 129900 (649.5MHz)

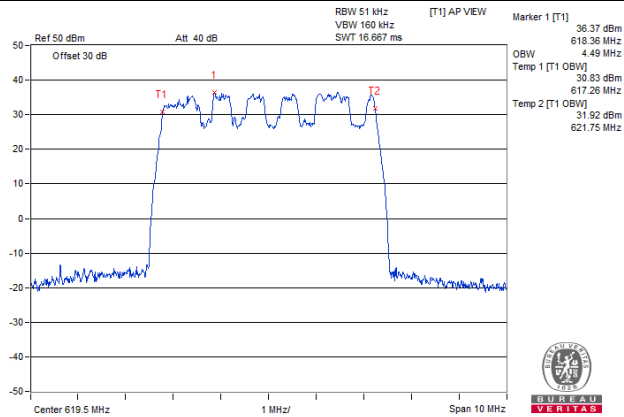


ANT3

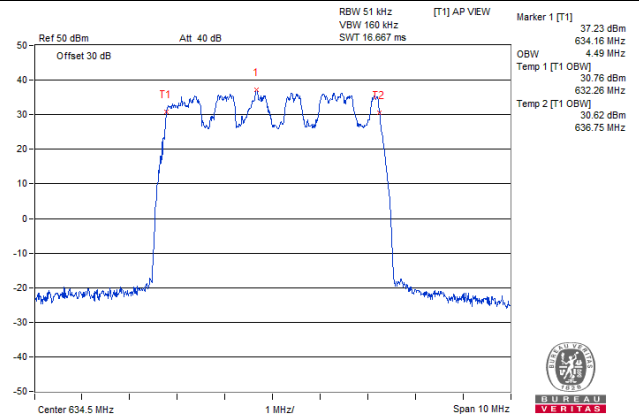
OCP 99 Bandwidth

QPSK

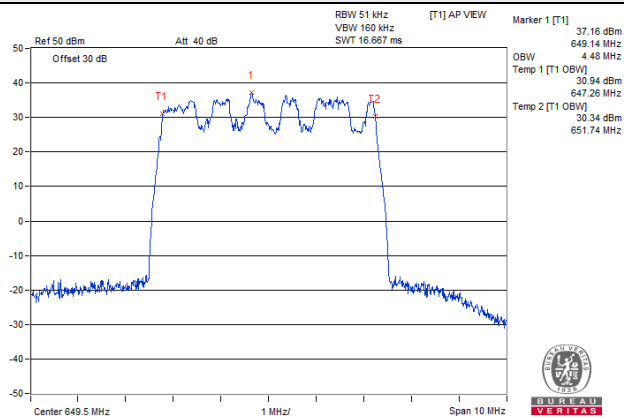
Ch 123900 (619.5MHz)



Ch 126900 (634.5MHz)

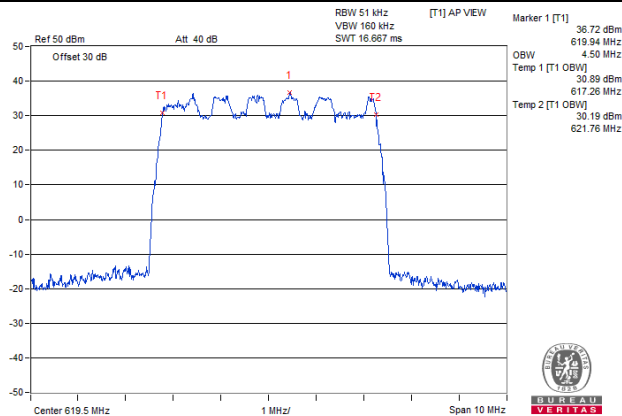


Ch 129900 (649.5MHz)

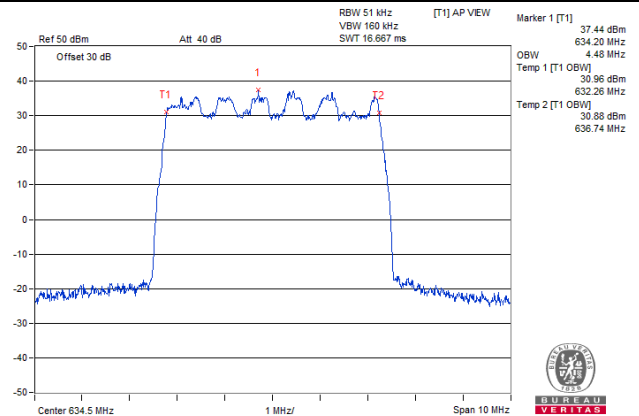


16QAM

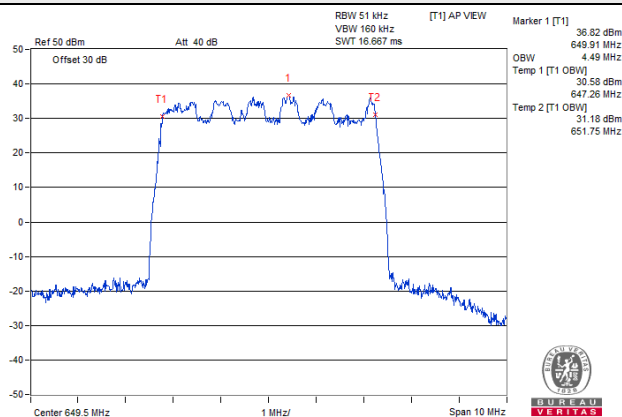
Ch 123900 (619.5MHz)



Ch 126900 (634.5MHz)

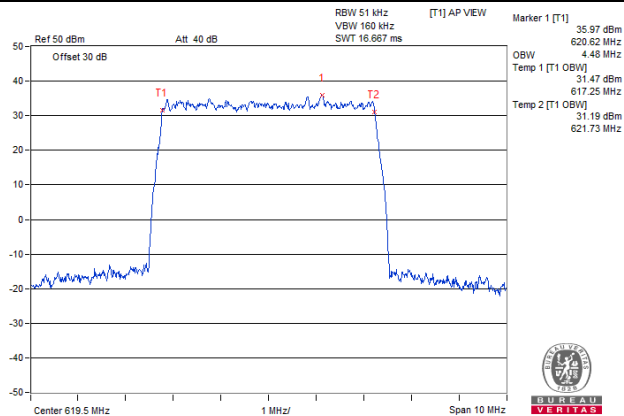


Ch 129900 (649.5MHz)

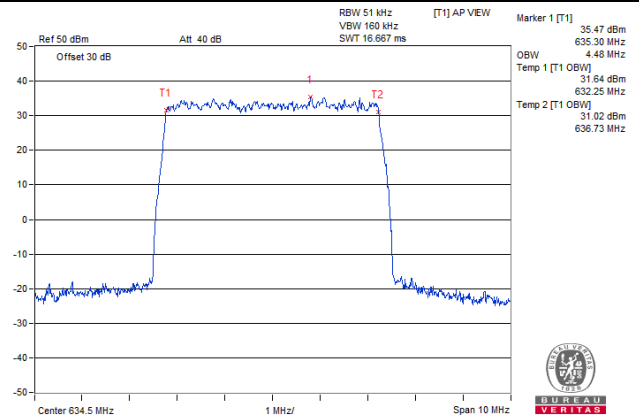


64QAM

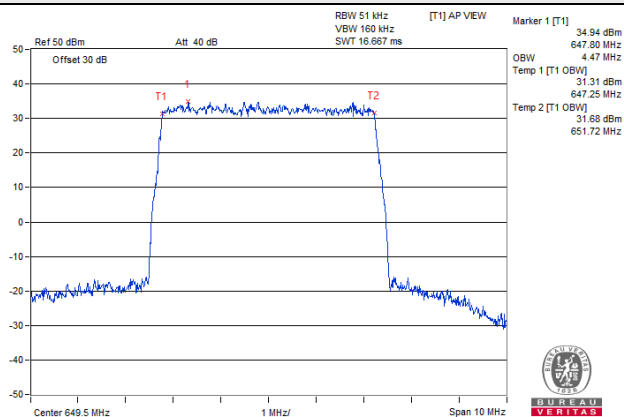
Ch 123900 (619.5MHz)



Ch 126900 (634.5MHz)

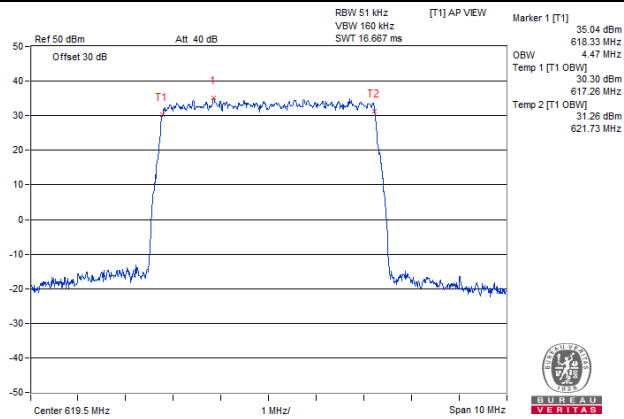


Ch 129900 (649.5MHz)

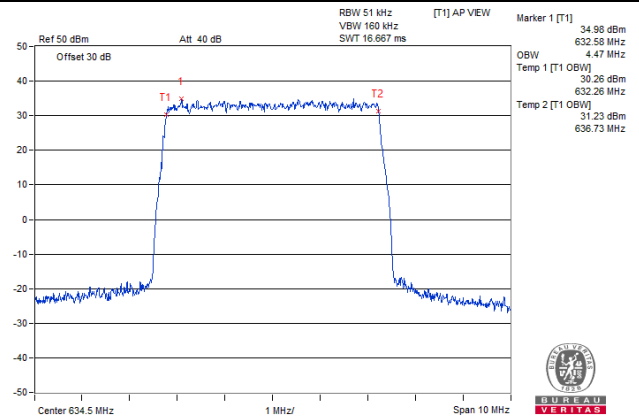


256QAM

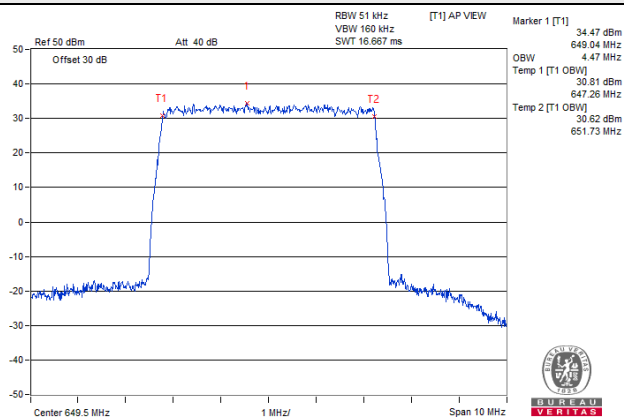
Ch 123900 (619.5MHz)



Ch 126900 (634.5MHz)



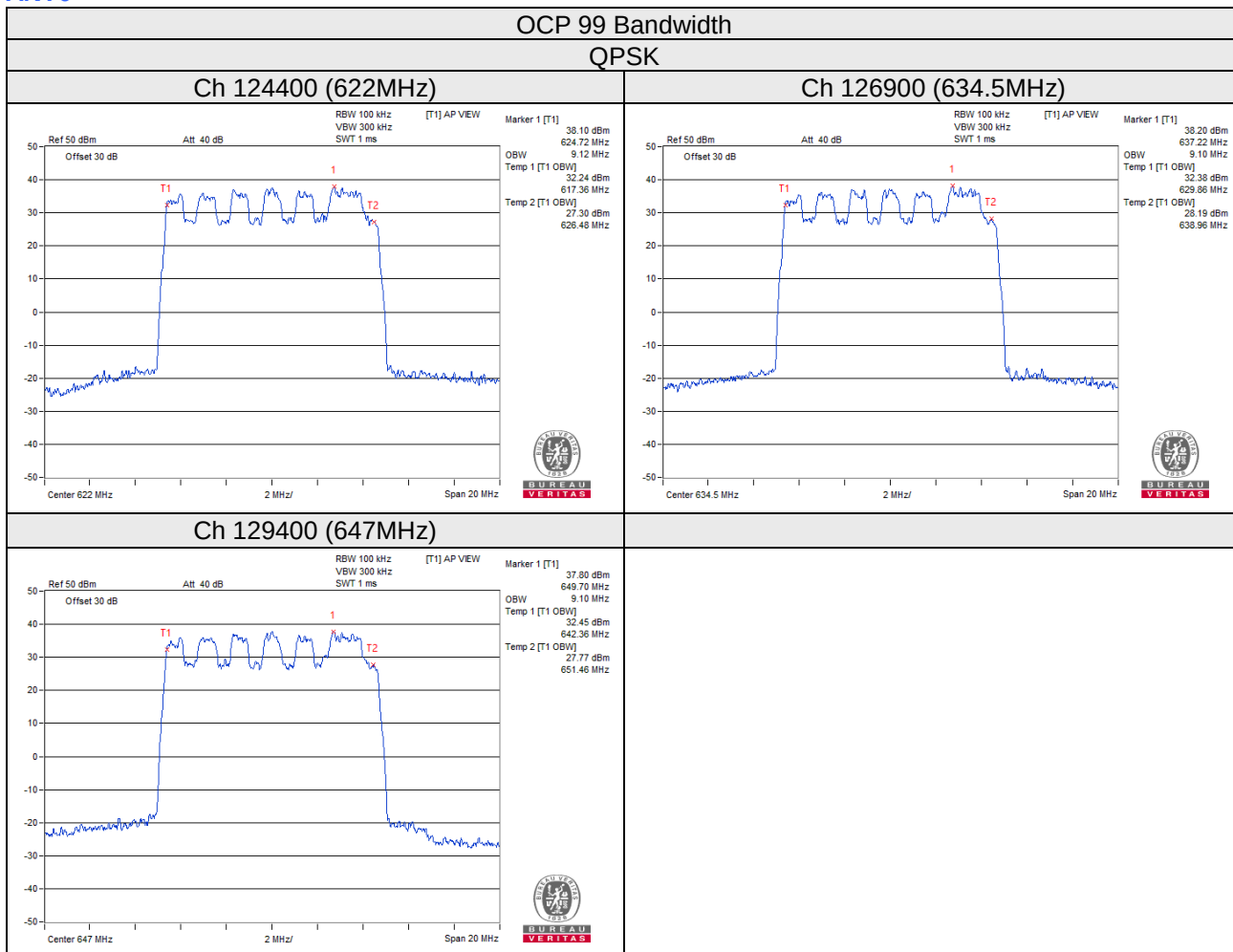
Ch 129900 (649.5MHz)



10MHz

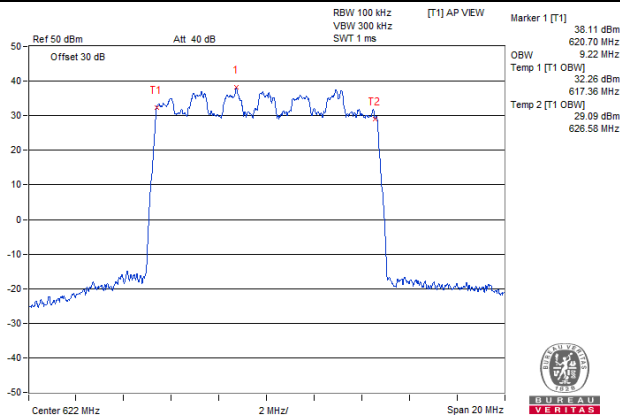
Channel Number	Freq. (MHz)	OCP 99 Bandwidth (MHz)															
		ANT0				ANT1				ANT2				ANT3			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
124400	622	9.12	9.22	9.28	9.26	9.12	9.22	9.28	9.26	9.12	9.22	9.26	9.28	9.12	9.20	9.28	9.28
126900	634.5	9.10	9.22	9.30	9.26	9.10	9.22	9.28	9.28	9.12	9.22	9.30	9.26	9.10	9.22	9.30	9.28
129400	647	9.10	9.20	9.28	9.26	9.10	9.20	9.26	9.26	9.08	9.20	9.28	9.28	9.08	9.20	9.28	9.26

ANT0

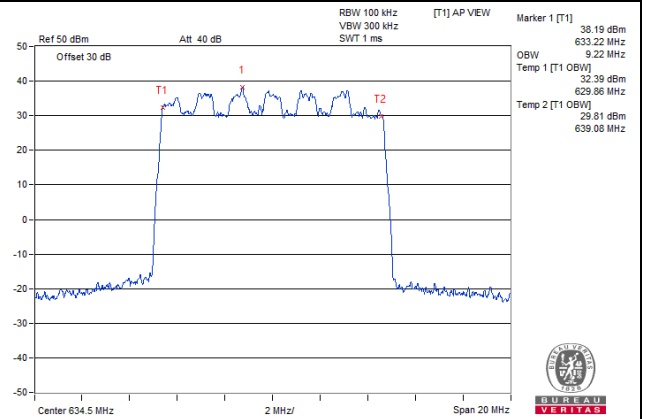


16QAM

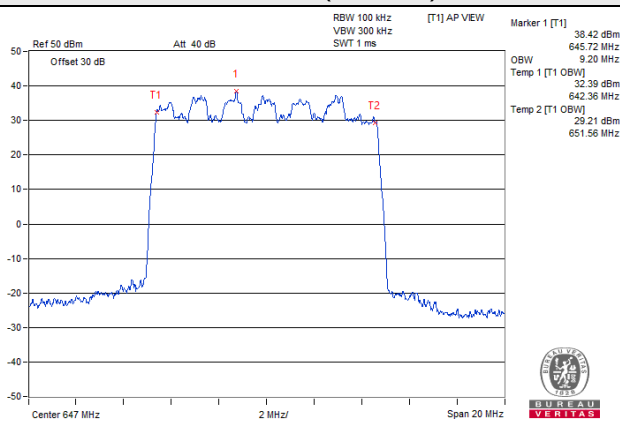
Ch 124400 (622MHz)



Ch 126900 (634.5MHz)

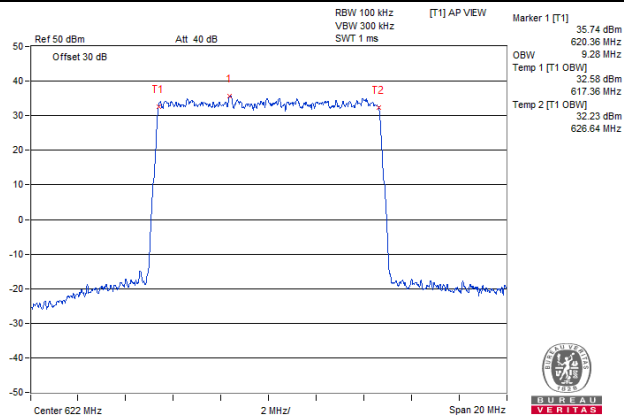


Ch 129400 (647MHz)

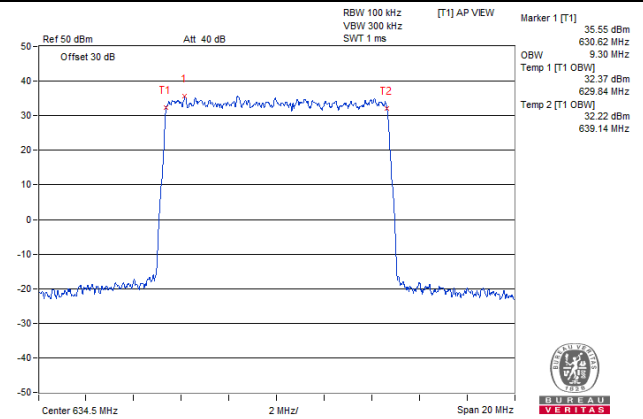


64QAM

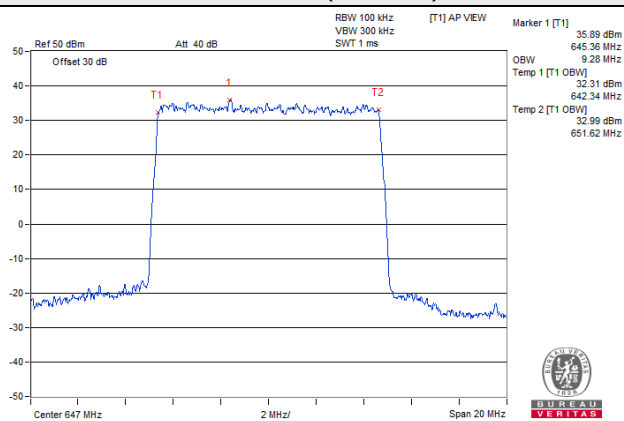
Ch 124400 (622MHz)



Ch 126900 (634.5MHz)

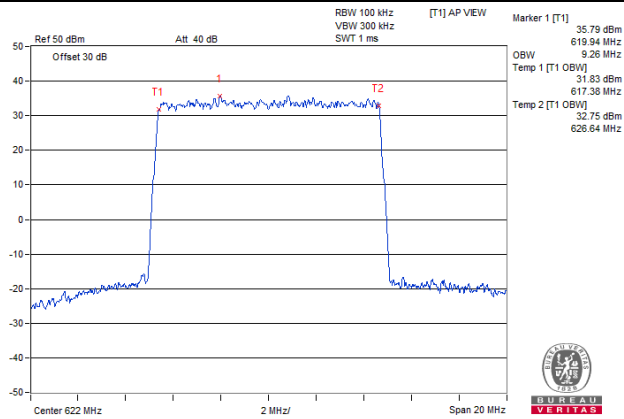


Ch 129400 (647MHz)

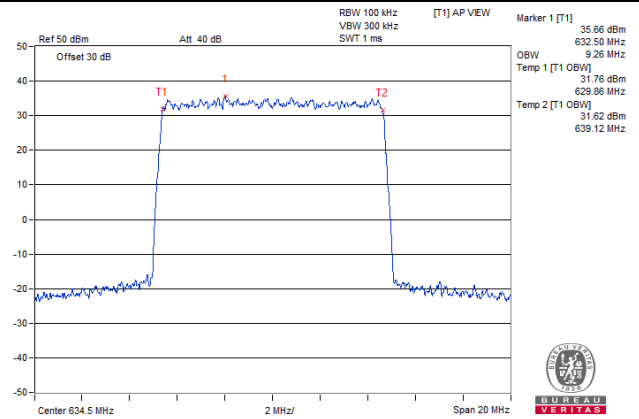


256QAM

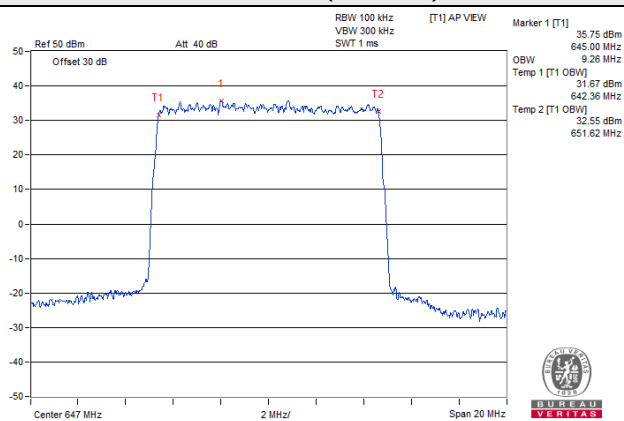
Ch 124400 (622MHz)



Ch 126900 (634.5MHz)



Ch 129400 (647MHz)

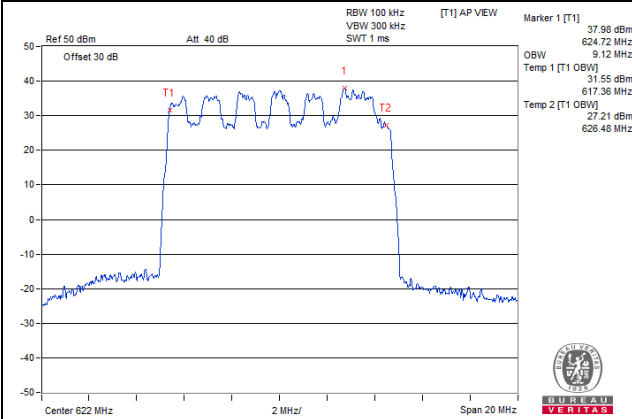


ANT1

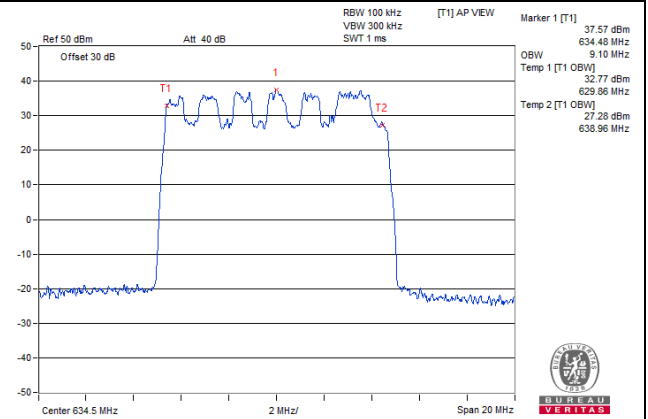
OCP 99 Bandwidth

QPSK

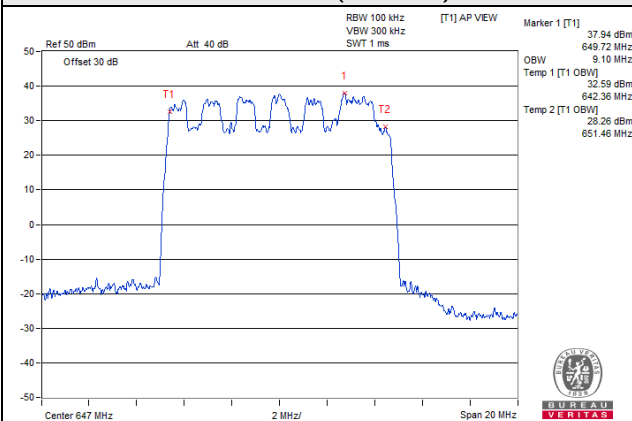
Ch 124400 (622MHz)



Ch 126900 (634.5MHz)

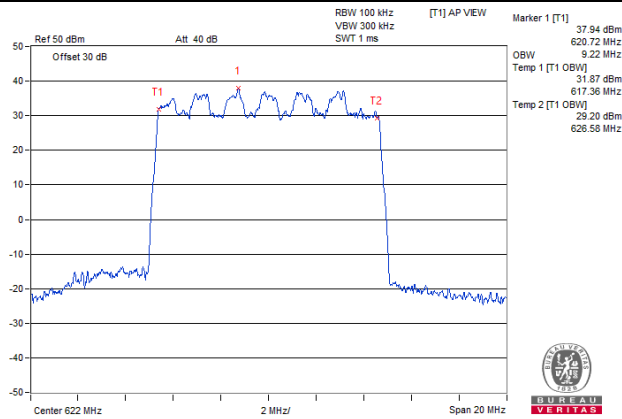


Ch 129400 (647MHz)

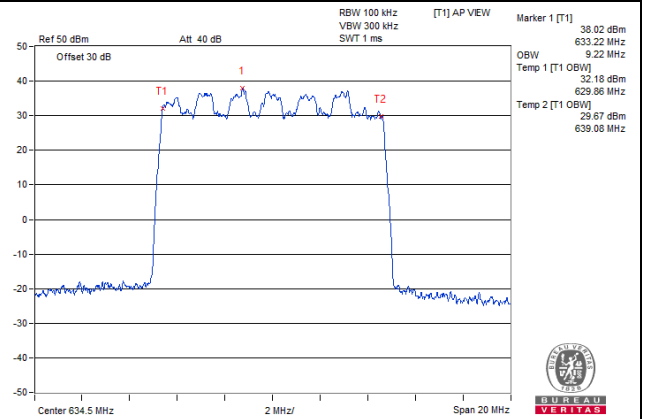


16QAM

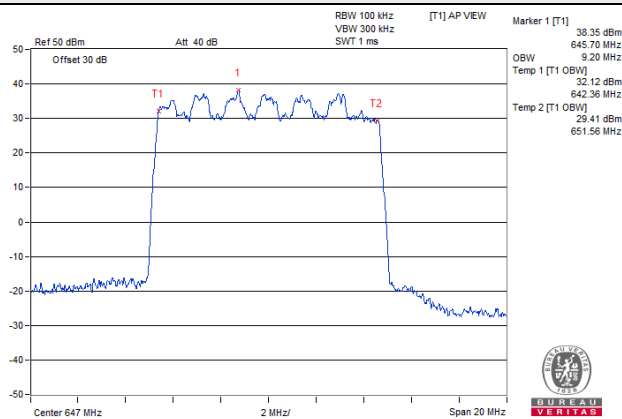
Ch 124400 (622MHz)



Ch 126900 (634.5MHz)

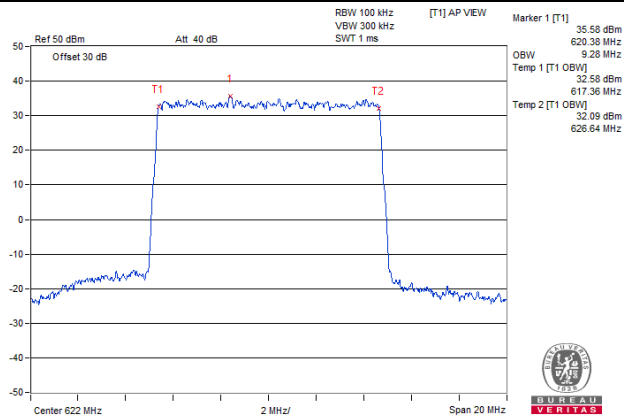


Ch 129400 (647MHz)

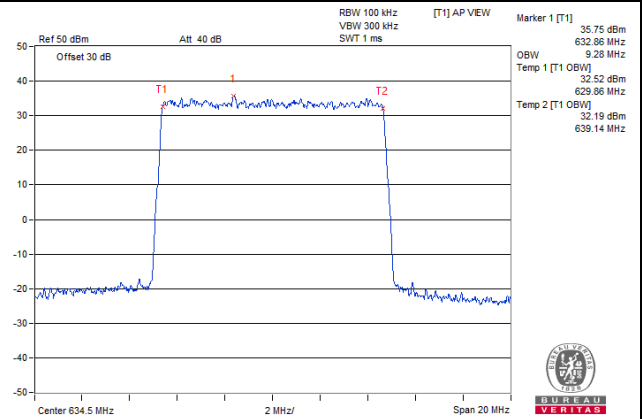


64QAM

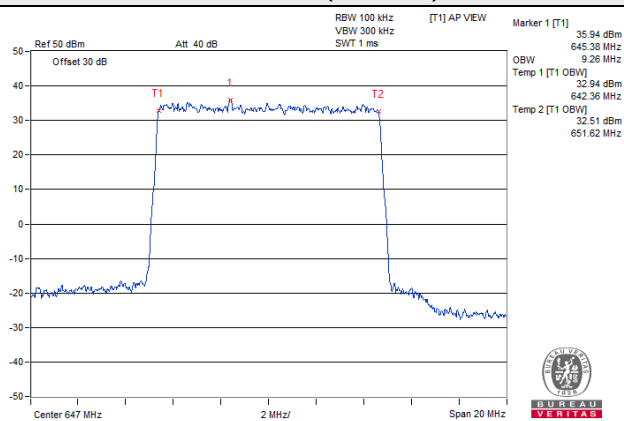
Ch 124400 (622MHz)



Ch 126900 (634.5MHz)

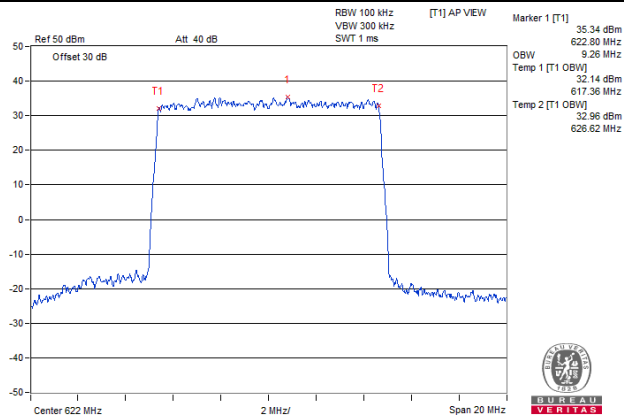


Ch 129400 (647MHz)

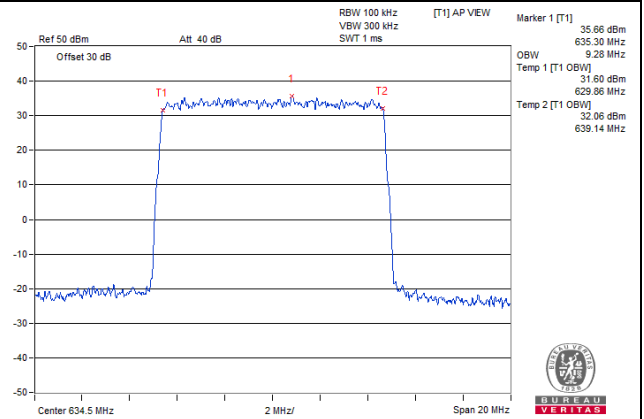


256QAM

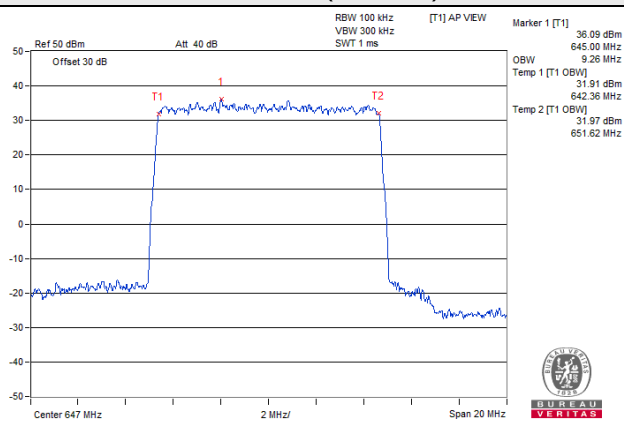
Ch 124400 (622MHz)



Ch 126900 (634.5MHz)

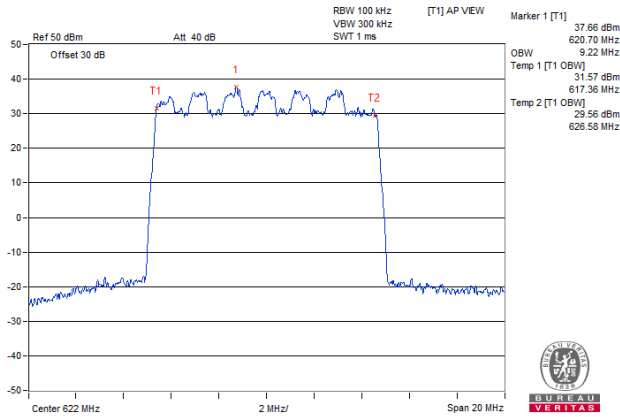


Ch 129400 (647MHz)

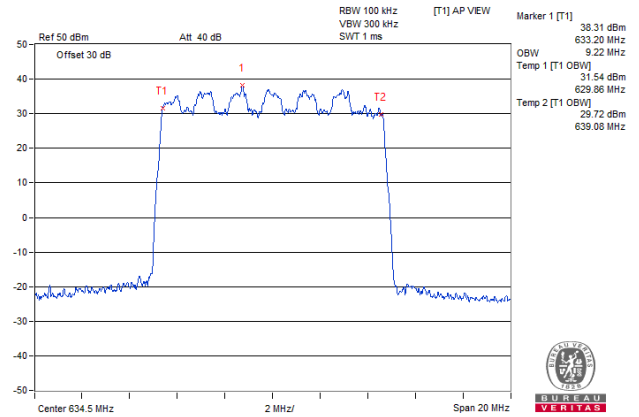


16QAM

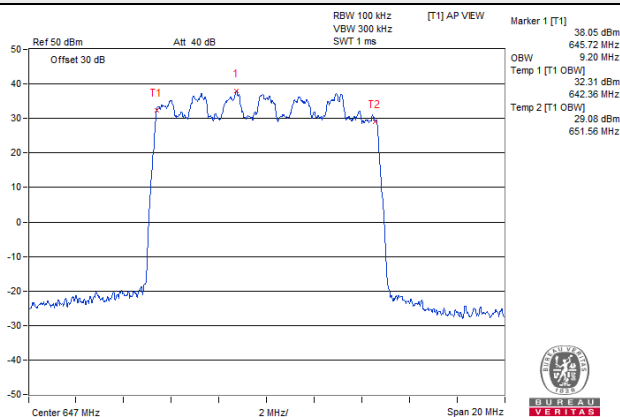
Ch 124400 (622MHz)



Ch 126900 (634.5MHz)

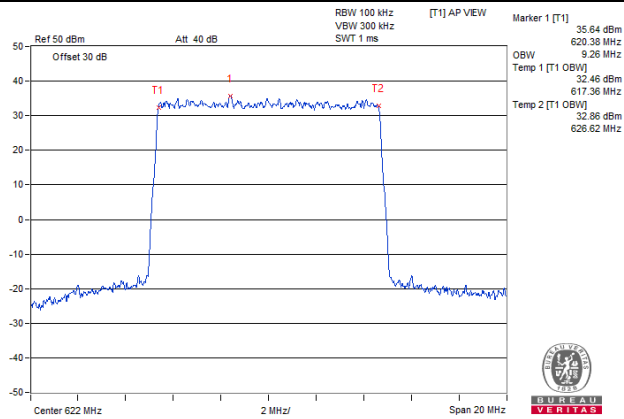


Ch 129400 (647MHz)

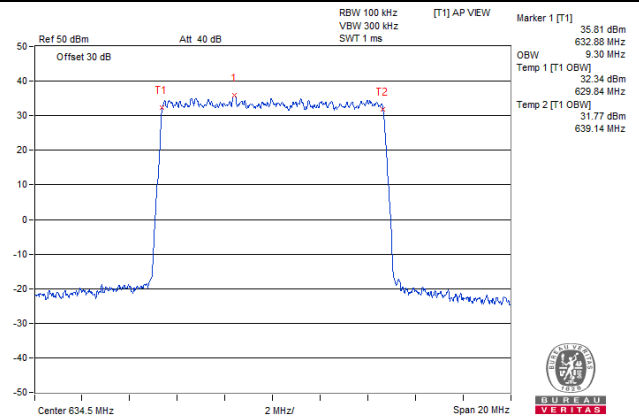


64QAM

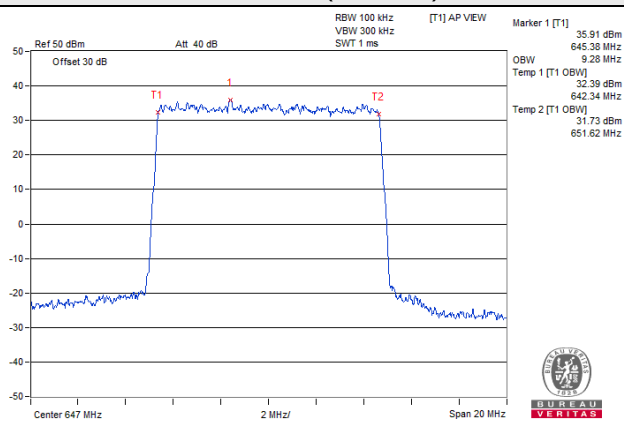
Ch 124400 (622MHz)



Ch 126900 (634.5MHz)

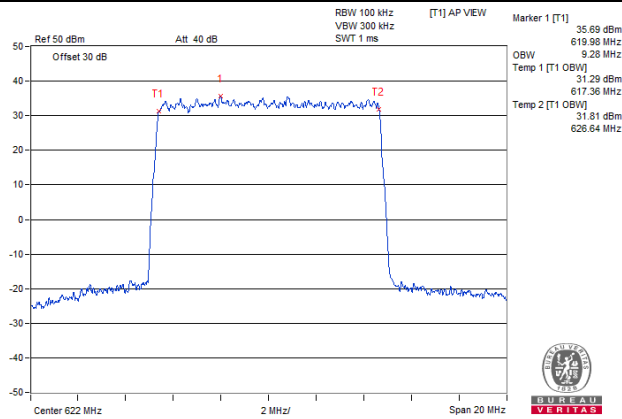


Ch 129400 (647MHz)

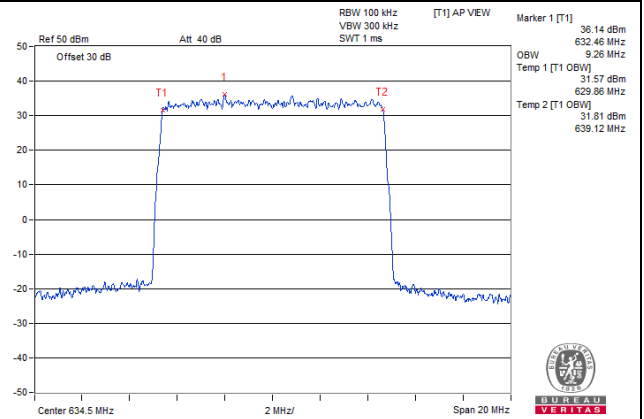


256QAM

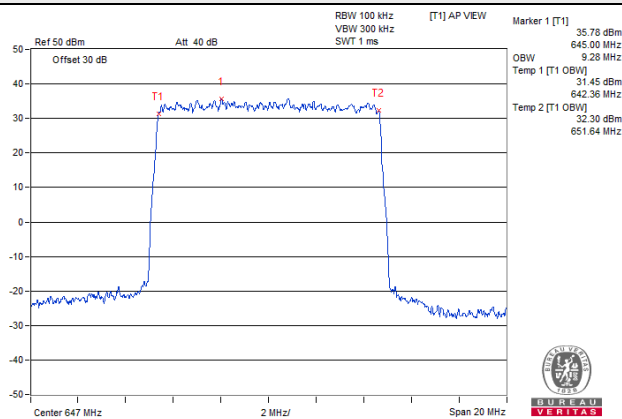
Ch 124400 (622MHz)



Ch 126900 (634.5MHz)



Ch 129400 (647MHz)

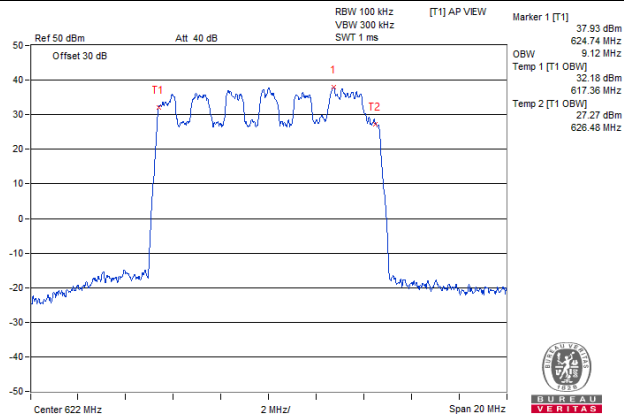


ANT3

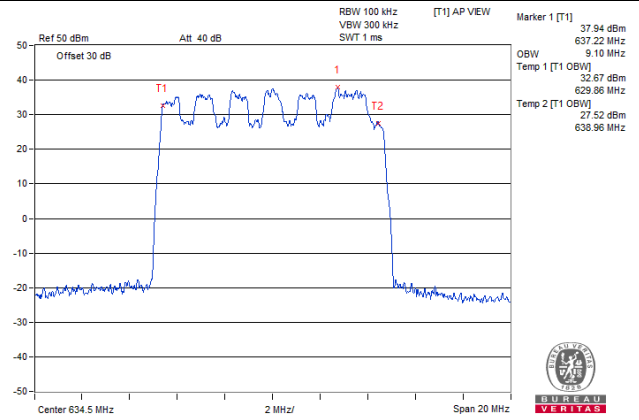
OCP 99 Bandwidth

QPSK

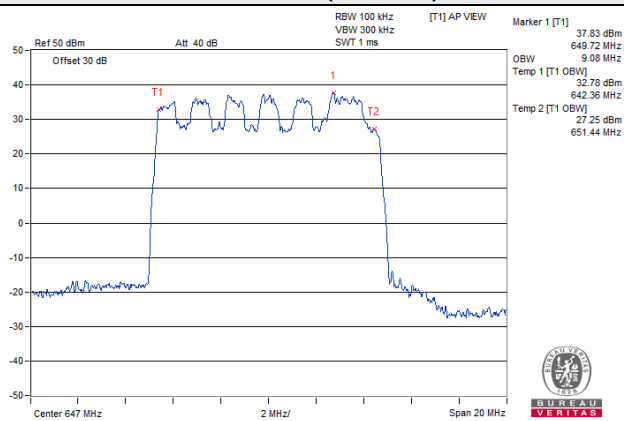
Ch 124400 (622MHz)



Ch 126900 (634.5MHz)

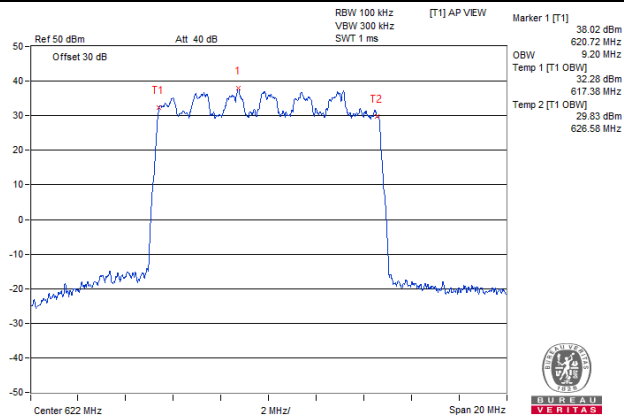


Ch 129400 (647MHz)

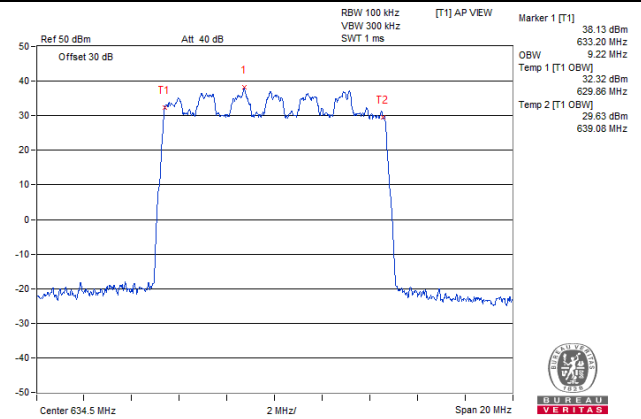


16QAM

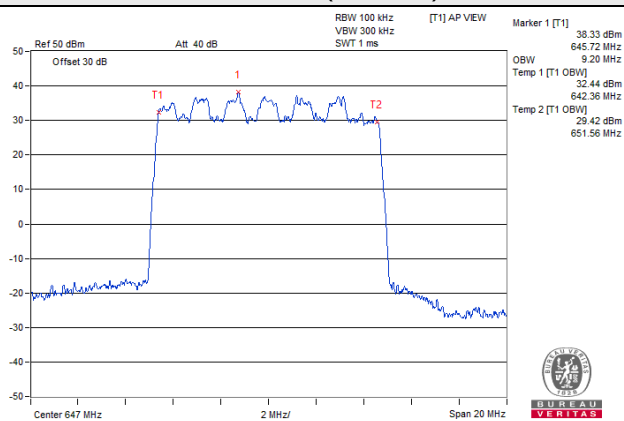
Ch 124400 (622MHz)



Ch 126900 (634.5MHz)

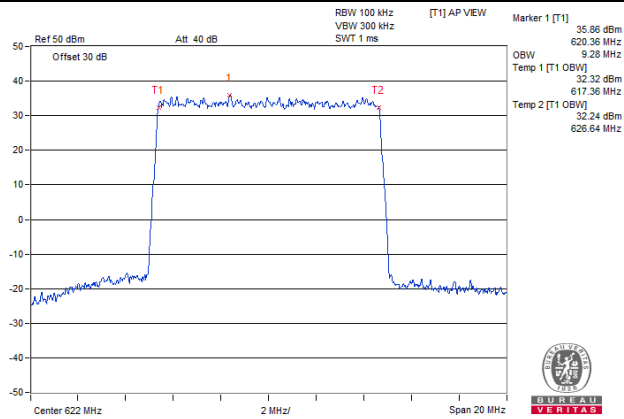


Ch 129400 (647MHz)

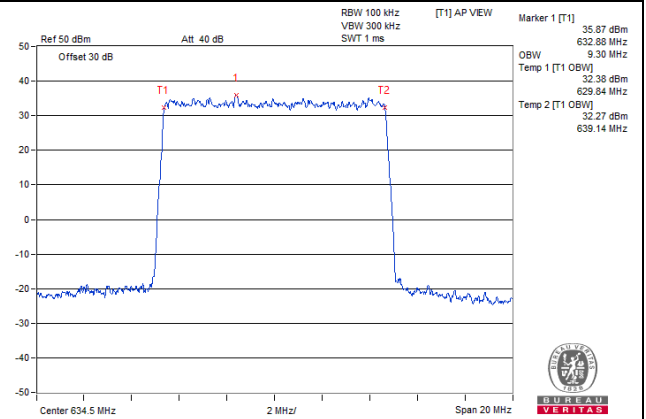


64QAM

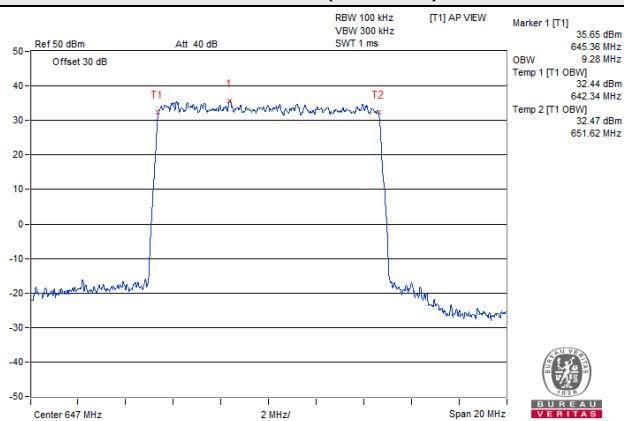
Ch 124400 (622MHz)



Ch 126900 (634.5MHz)

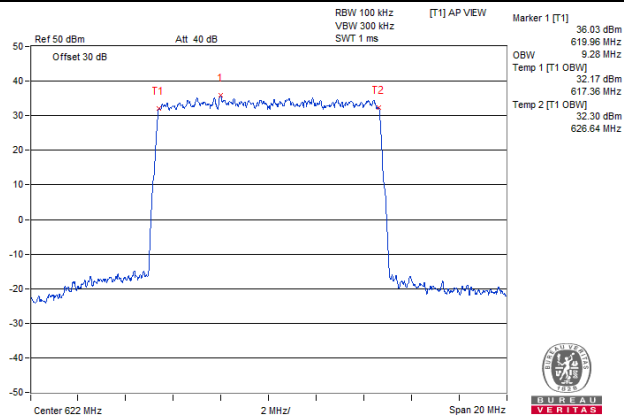


Ch 129400 (647MHz)

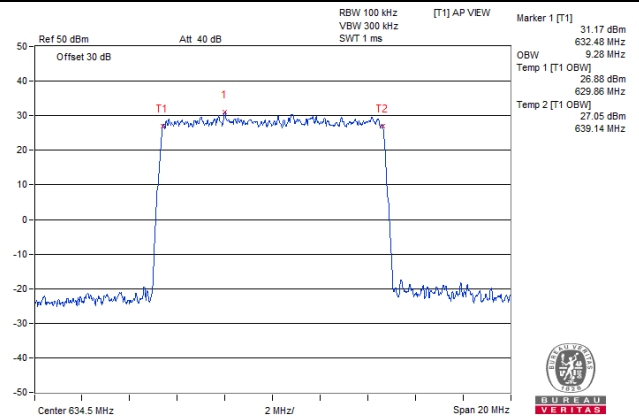


256QAM

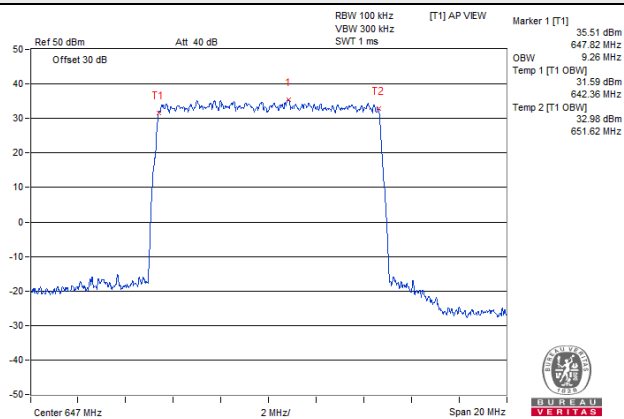
Ch 124400 (622MHz)



Ch 126900 (634.5MHz)



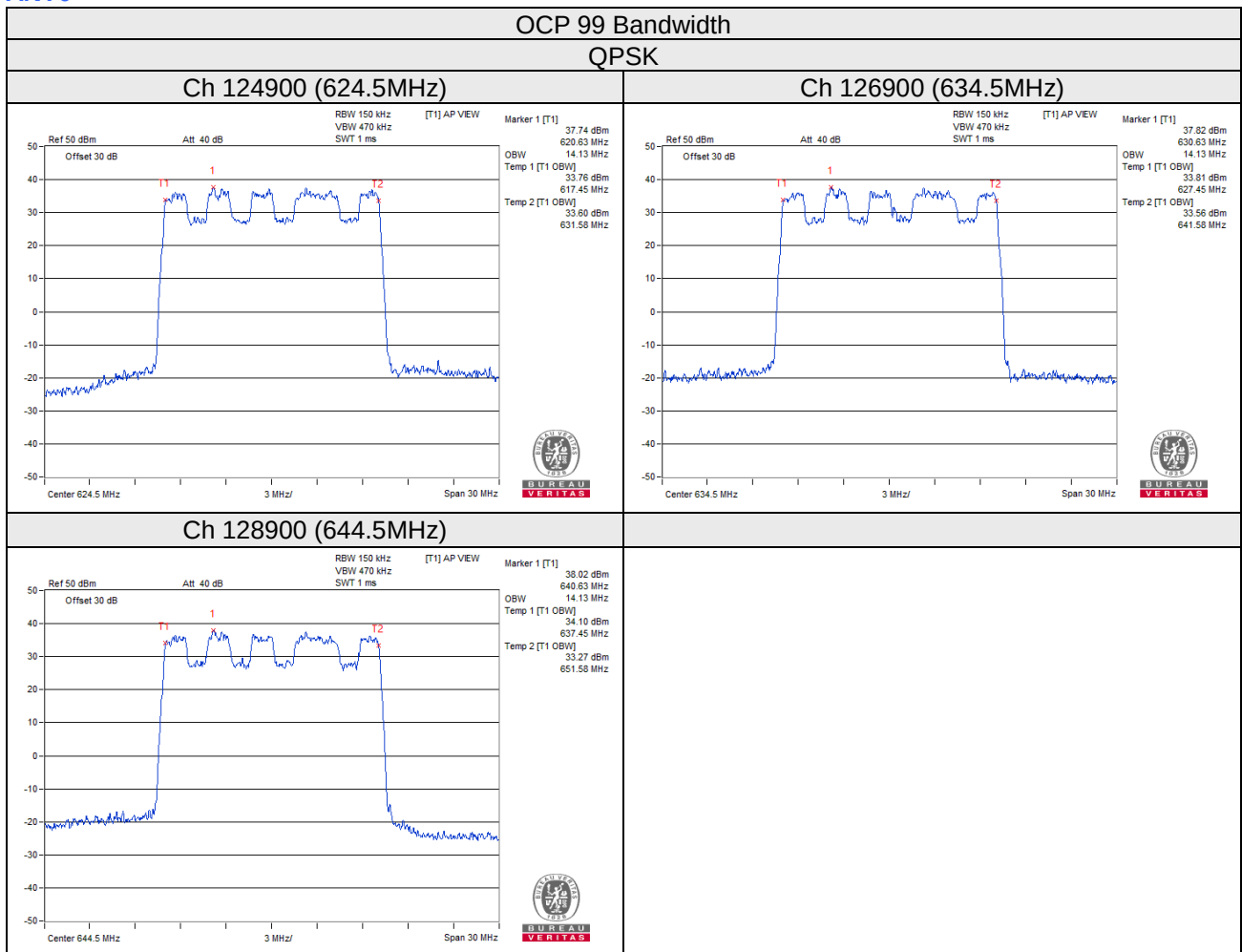
Ch 129400 (647MHz)



15MHz

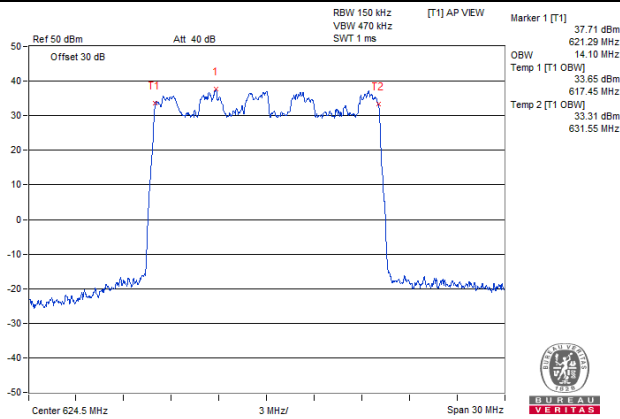
Channel Number	Freq. (MHz)	OCP 99 Bandwidth (MHz)															
		ANT0				ANT1				ANT2				ANT3			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
124900	624.5	14.13	14.10	14.10	14.07	14.13	14.10	14.10	14.04	14.13	14.13	14.13	14.07	14.13	14.13	14.13	14.07
126900	634.5	14.13	14.13	14.13	14.10	14.13	14.16	14.10	14.10	14.13	14.10	14.13	14.04	14.13	14.13	14.13	14.07
128900	644.5	14.13	14.13	14.13	14.04	14.16	14.13	14.13	14.07	14.16	14.10	14.13	14.07	14.13	14.10	14.13	14.07

ANT0

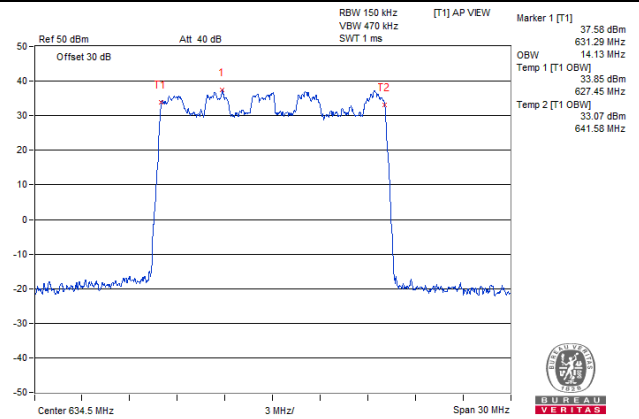


16QAM

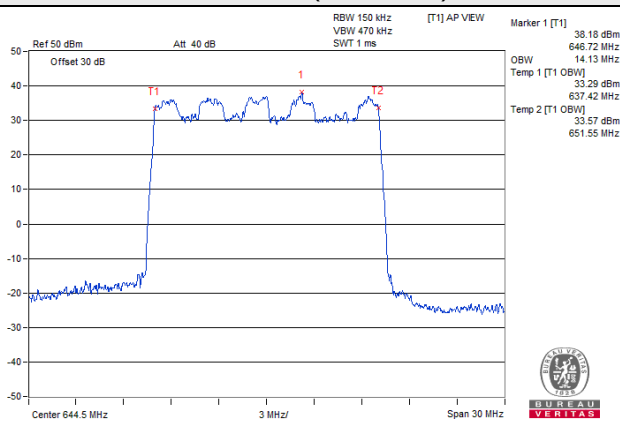
Ch 124900 (624.5MHz)



Ch 126900 (634.5MHz)

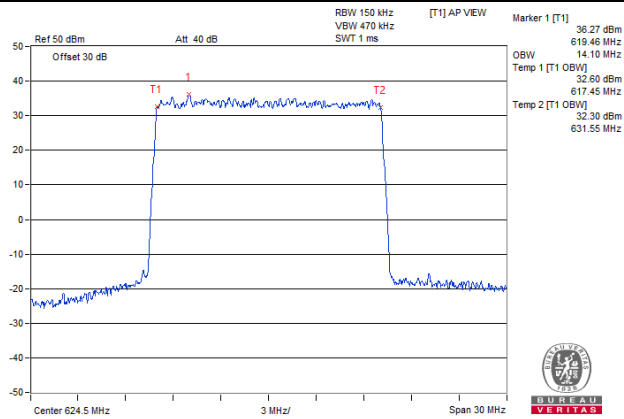


Ch 128900 (644.5MHz)

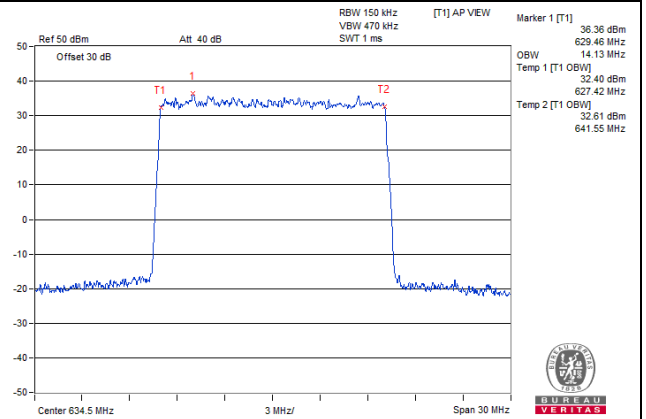


64QAM

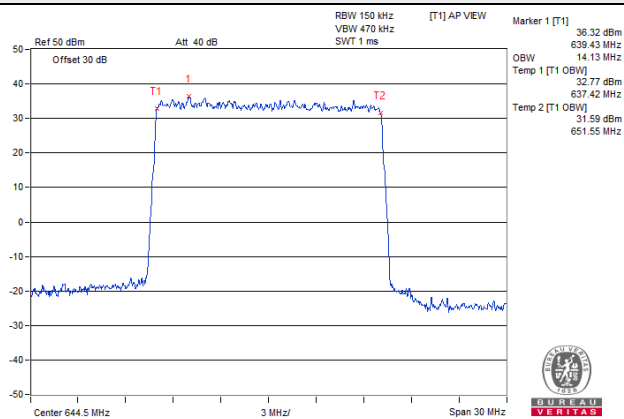
Ch 124900 (624.5MHz)



Ch 126900 (634.5MHz)

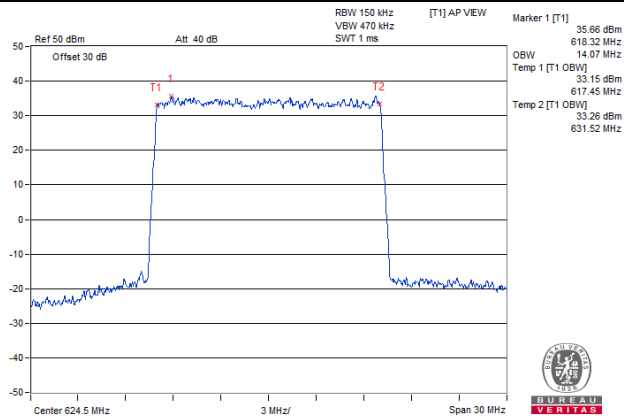


Ch 128900 (644.5MHz)

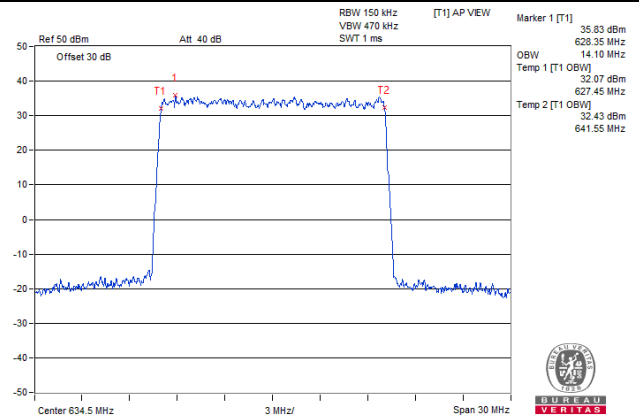


256QAM

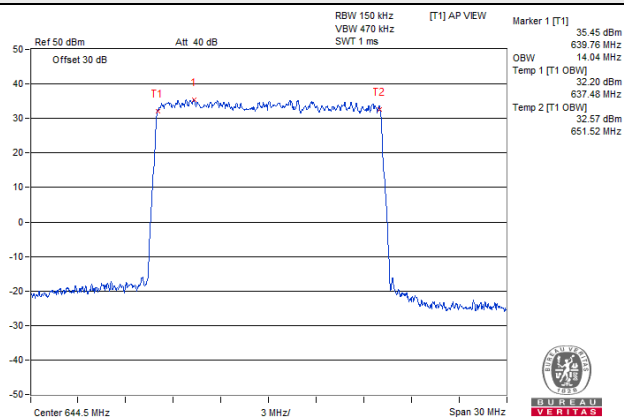
Ch 124900 (624.5MHz)



Ch 126900 (634.5MHz)



Ch 128900 (644.5MHz)

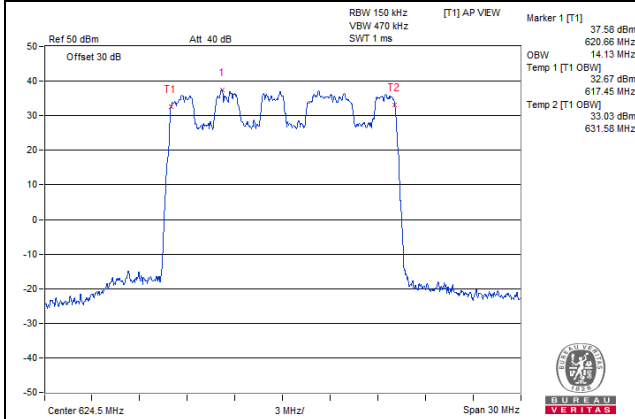


ANT1

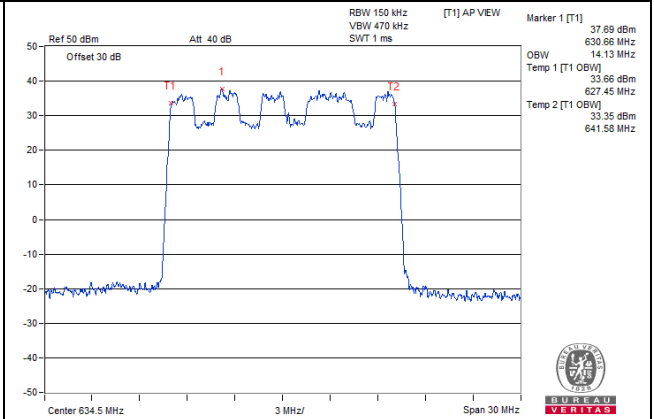
OCP 99 Bandwidth

QPSK

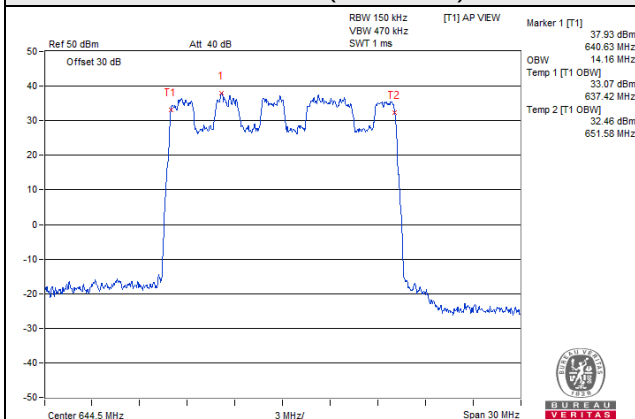
Ch 124900 (624.5MHz)



Ch 126900 (634.5MHz)

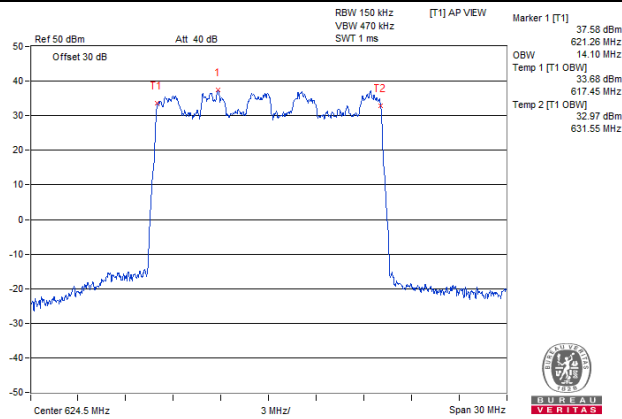


Ch 128900 (644.5MHz)

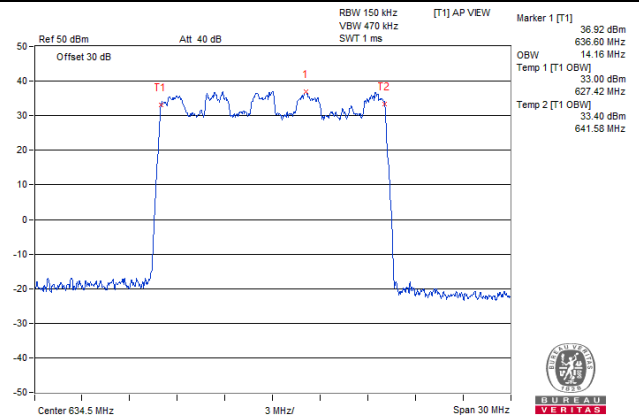


16QAM

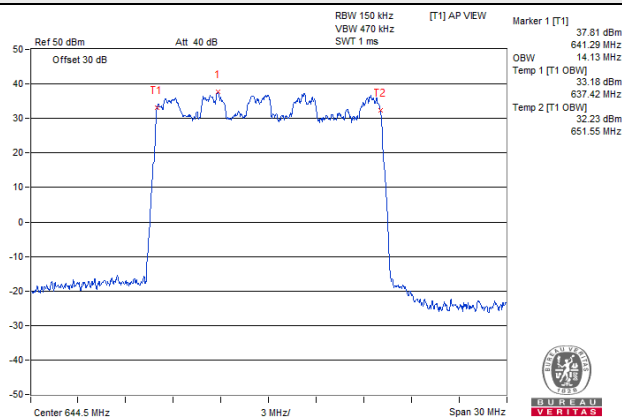
Ch 124900 (624.5MHz)



Ch 126900 (634.5MHz)

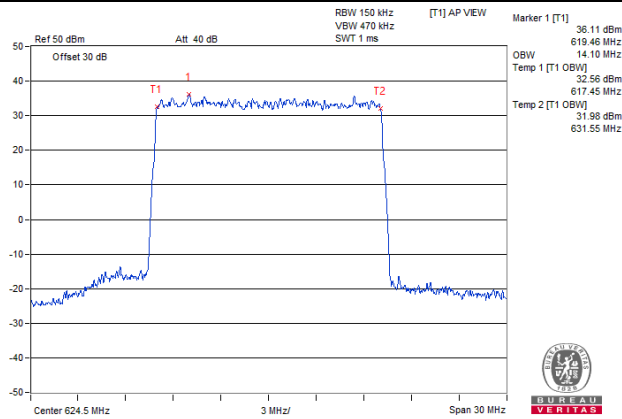


Ch 128900 (644.5MHz)

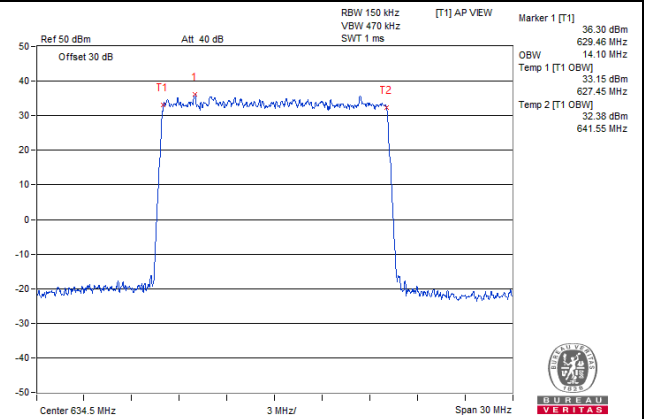


64QAM

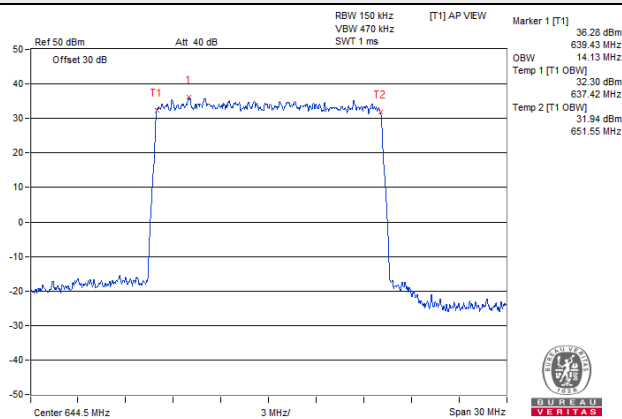
Ch 124900 (624.5MHz)



Ch 126900 (634.5MHz)

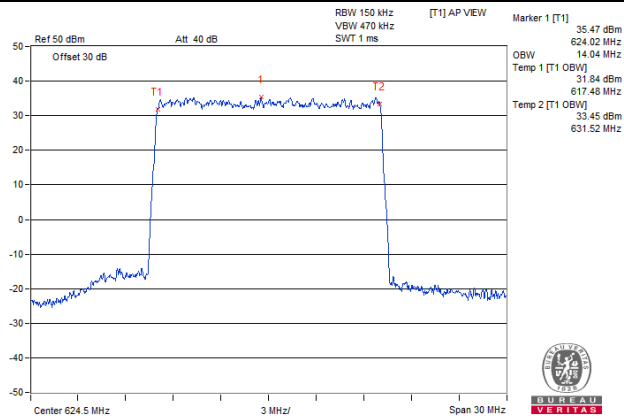


Ch 128900 (644.5MHz)

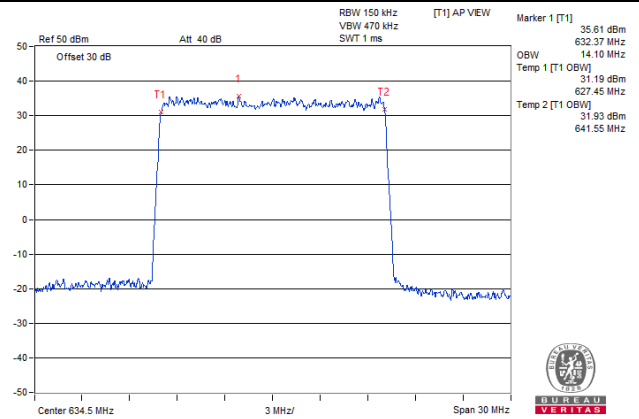


256QAM

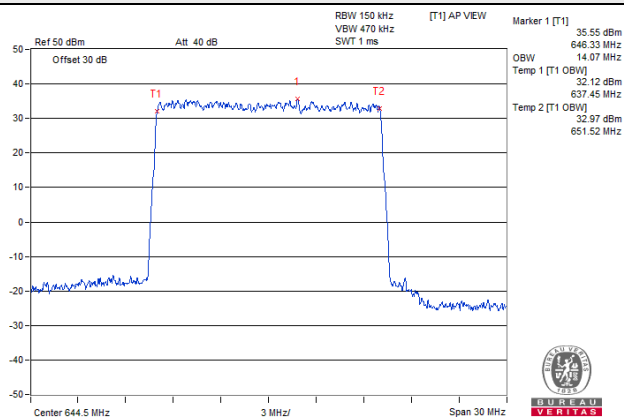
Ch 124900 (624.5MHz)



Ch 126900 (634.5MHz)



Ch 128900 (644.5MHz)

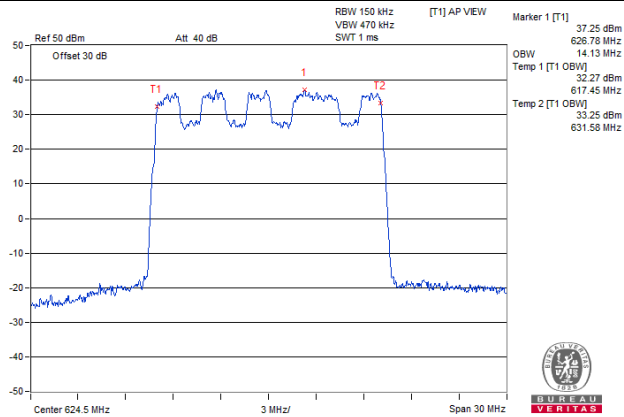


ANT2

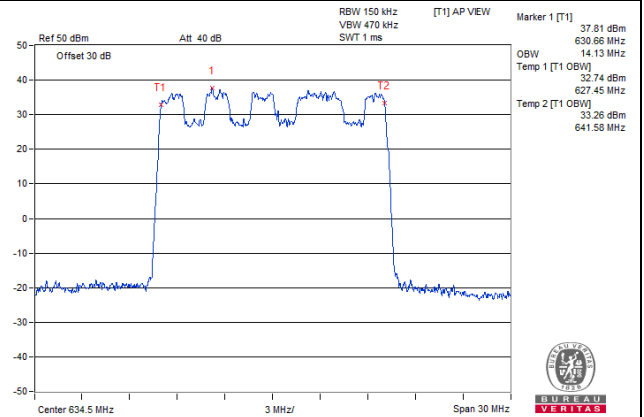
OCP 99 Bandwidth

QPSK

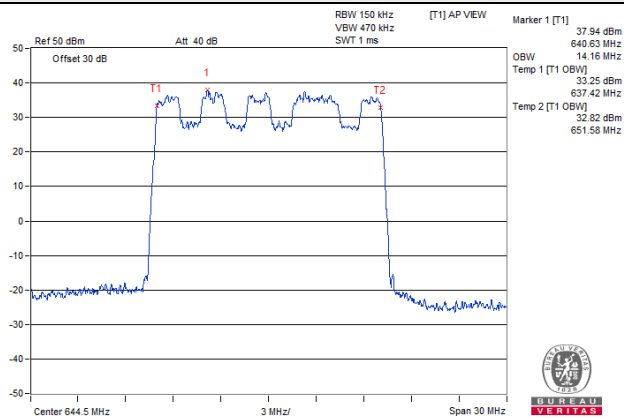
Ch 124900 (624.5MHz)



Ch 126900 (634.5MHz)

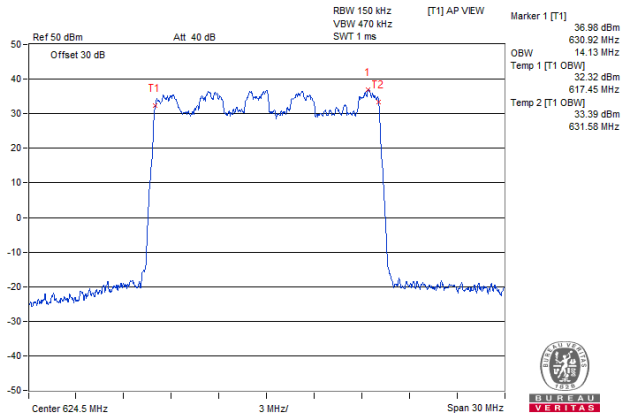


Ch 128900 (644.5MHz)

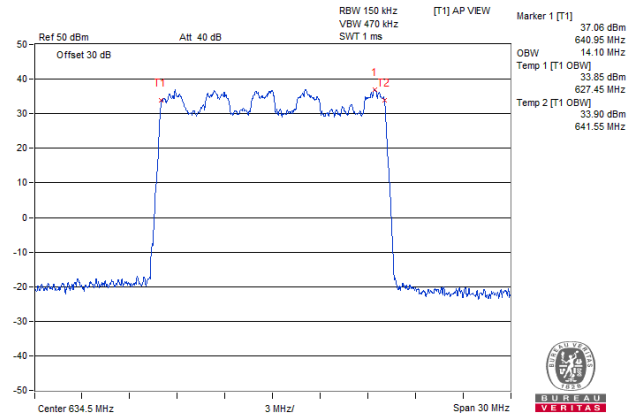


16QAM

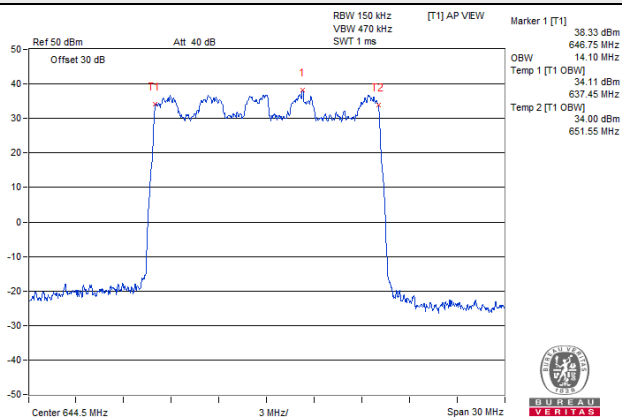
Ch 124900 (624.5MHz)



Ch 126900 (634.5MHz)

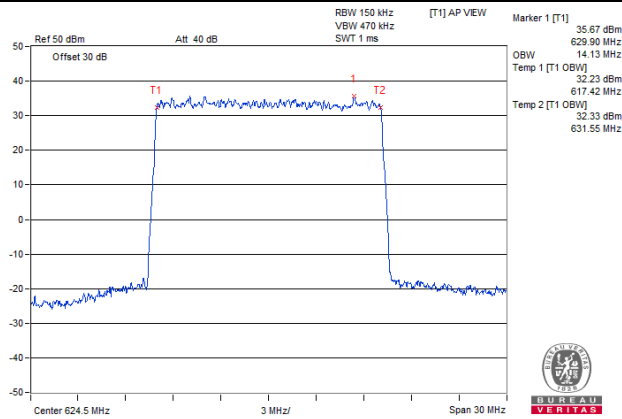


Ch 128900 (644.5MHz)

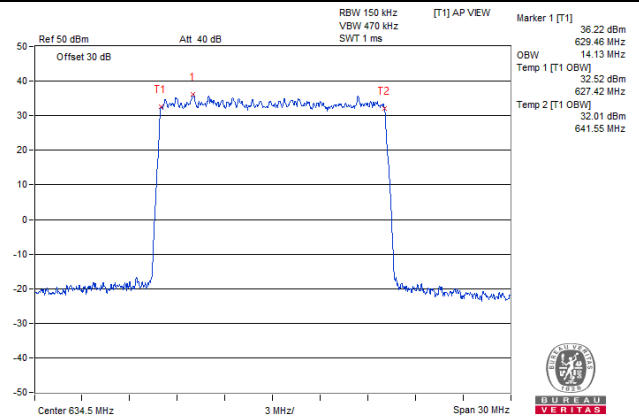


64QAM

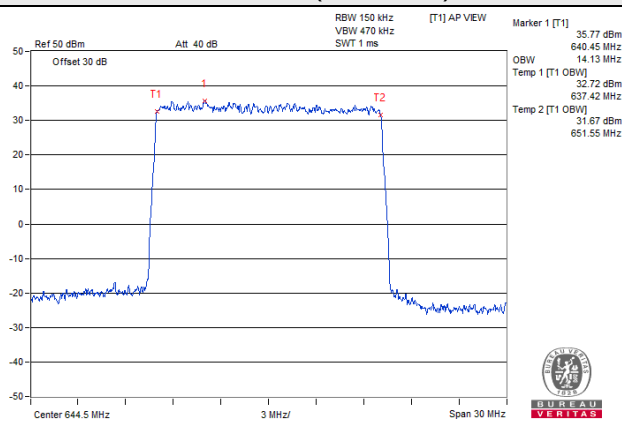
Ch 124900 (624.5MHz)



Ch 126900 (634.5MHz)

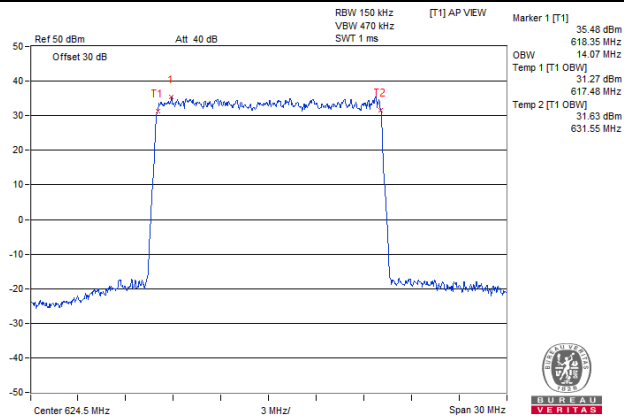


Ch 128900 (644.5MHz)

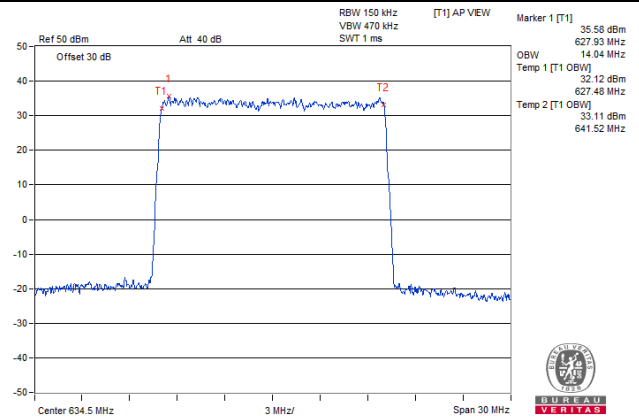


256QAM

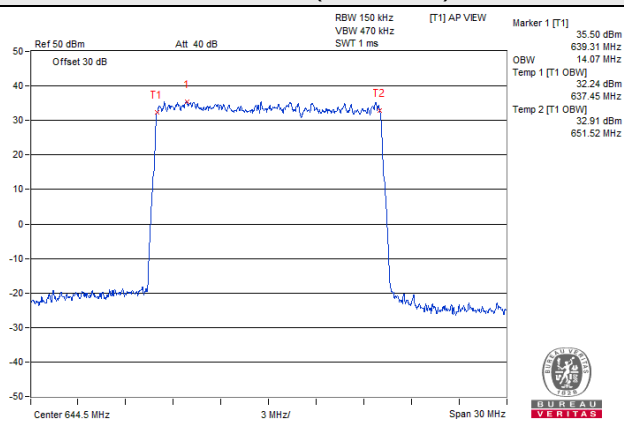
Ch 124900 (624.5MHz)



Ch 126900 (634.5MHz)



Ch 128900 (644.5MHz)

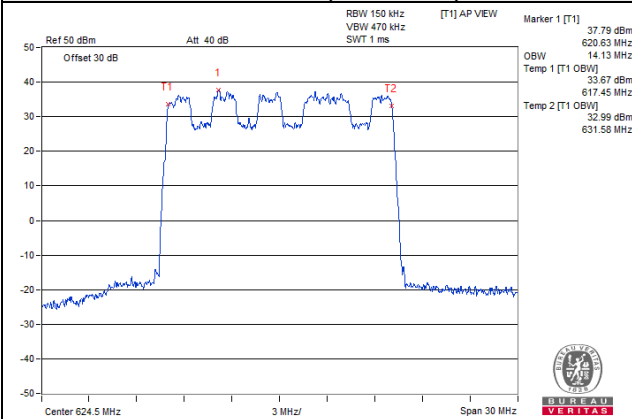


ANT3

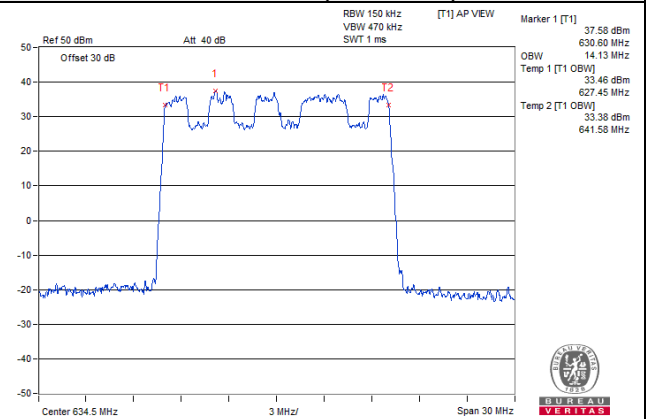
OCP 99 Bandwidth

QPSK

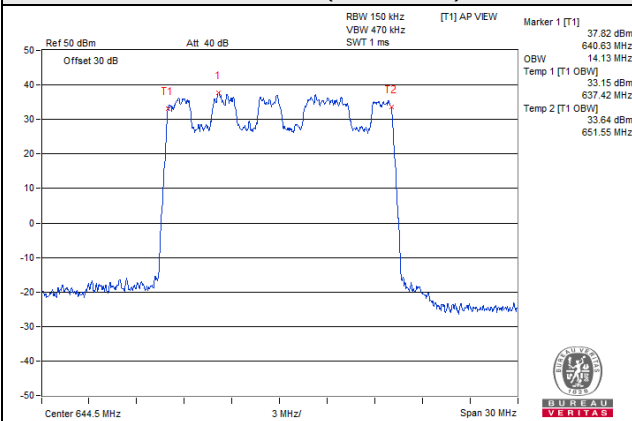
Ch 124900 (624.5MHz)



Ch 126900 (634.5MHz)

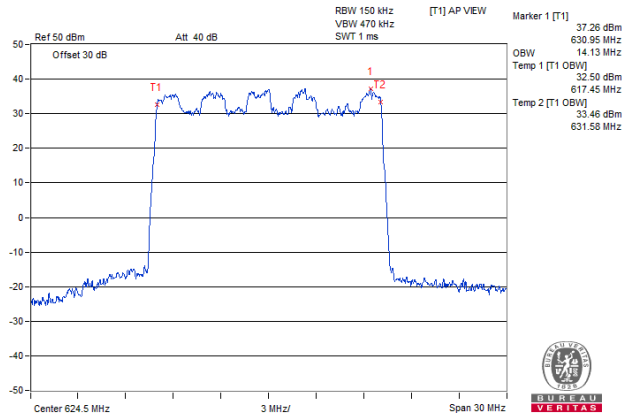


Ch 128900 (644.5MHz)

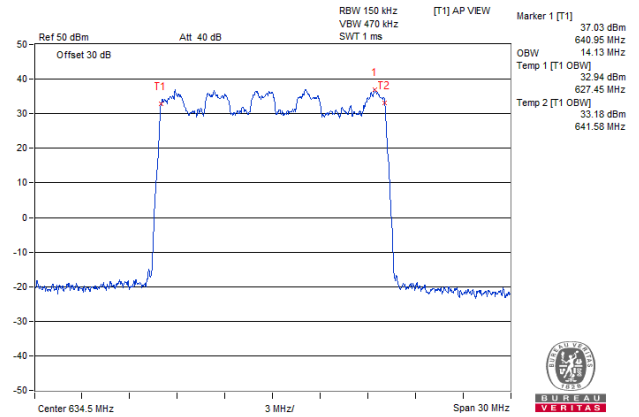


16QAM

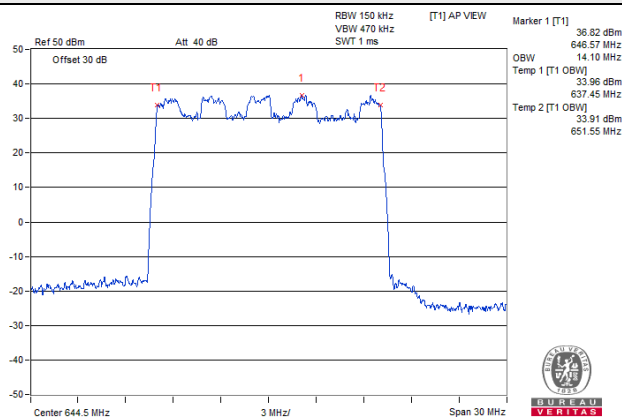
Ch 124900 (624.5MHz)



Ch 126900 (634.5MHz)

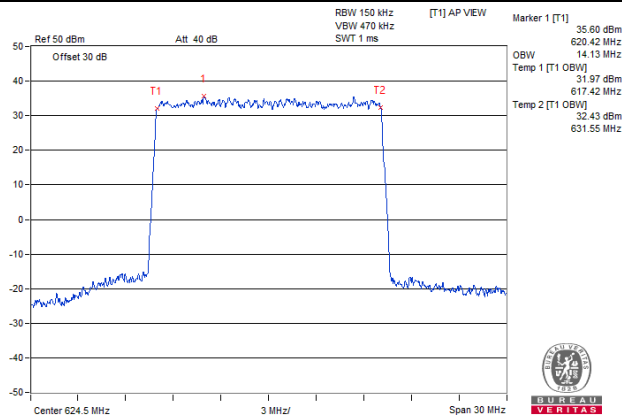


Ch 128900 (644.5MHz)

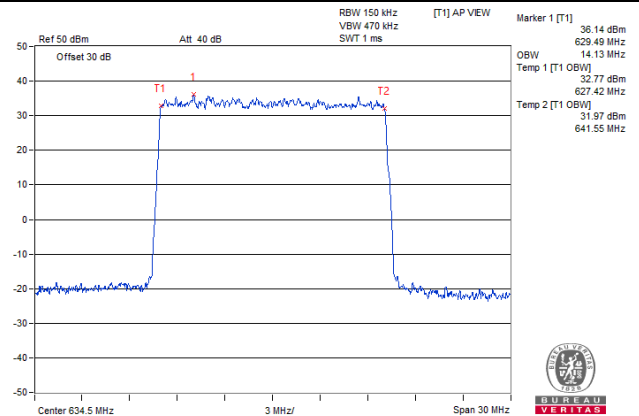


64QAM

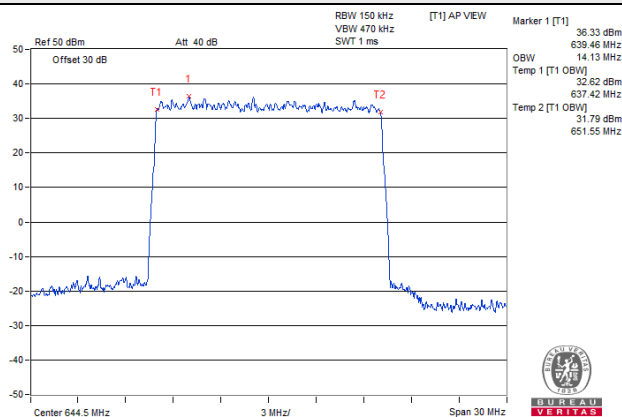
Ch 124900 (624.5MHz)



Ch 126900 (634.5MHz)

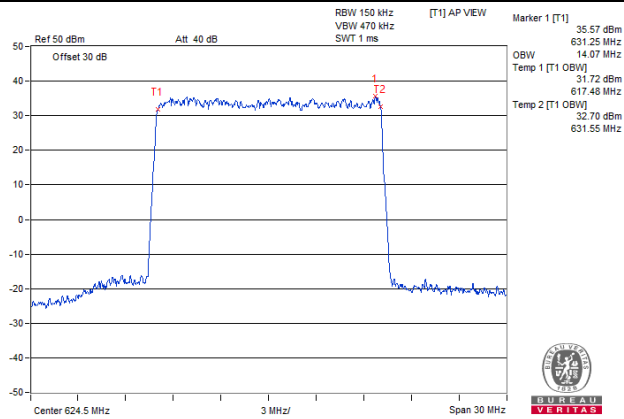


Ch 128900 (644.5MHz)

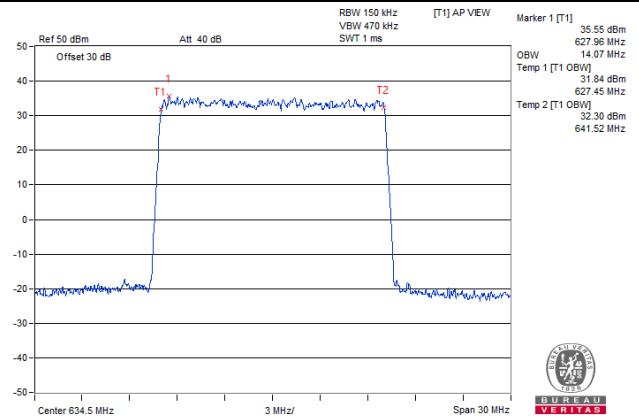


256QAM

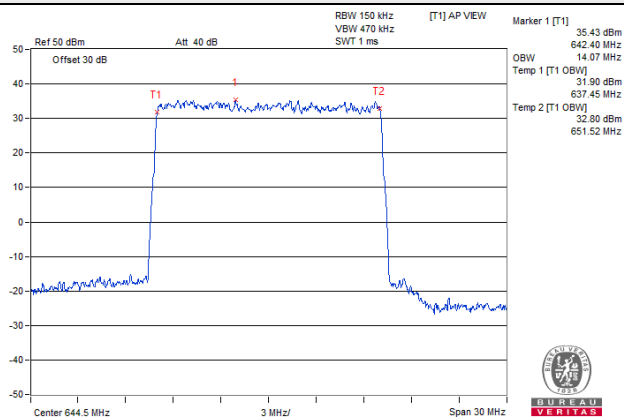
Ch 124900 (624.5MHz)



Ch 126900 (634.5MHz)



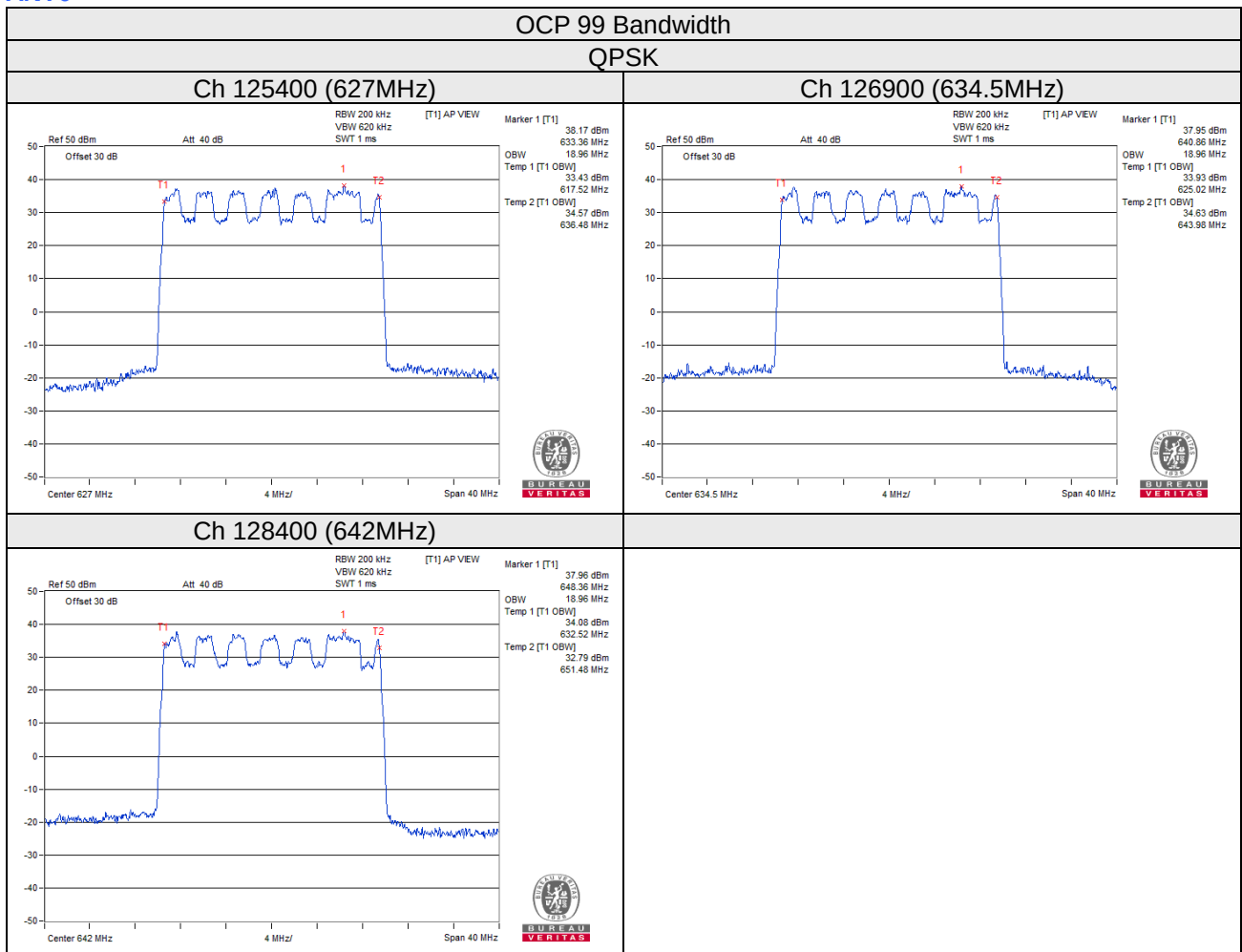
Ch 128900 (644.5MHz)



20MHz

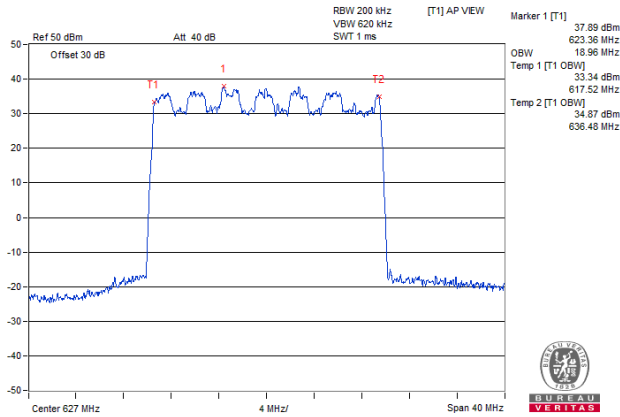
Channel Number	Freq. (MHz)	OCP 99 Bandwidth (MHz)															
		ANT0				ANT1				ANT2				ANT3			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
125400 30W	627	18.96	18.96	18.92	18.96	18.96	18.96	18.92	18.96	18.96	18.96	18.92	18.88	18.96	18.96	18.92	18.88
126900 30W	634.5	18.96	18.96	18.92	18.96	18.96	18.96	18.92	18.92	18.96	18.96	18.92	18.96	18.96	18.96	18.92	18.96
128400 30W	642	18.96	18.96	18.88	18.88	18.96	18.92	18.92	18.88	18.96	18.96	18.88	18.88	18.96	18.96	18.88	18.88

ANT0

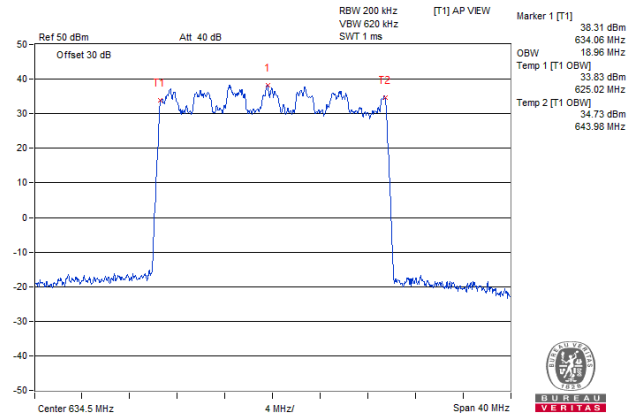


16QAM

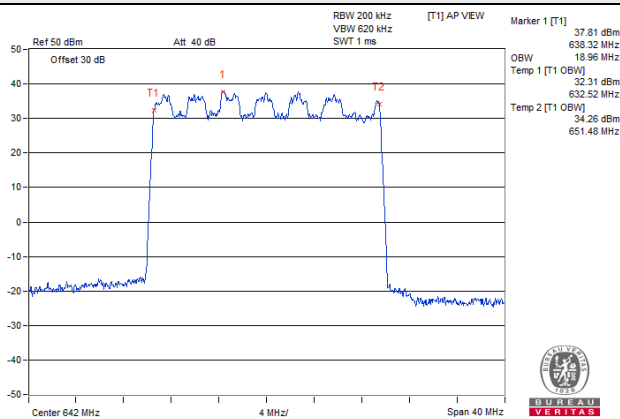
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)

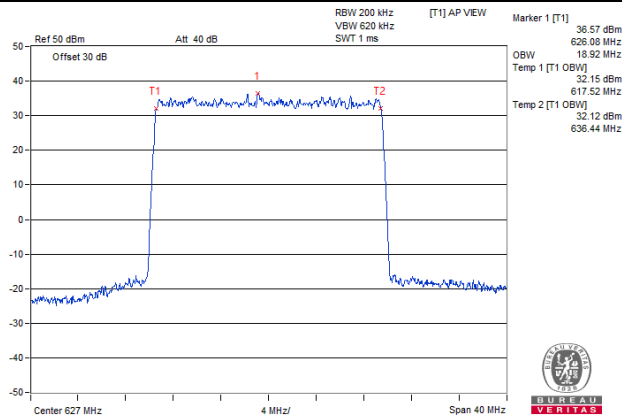


Ch 128400 (642MHz)

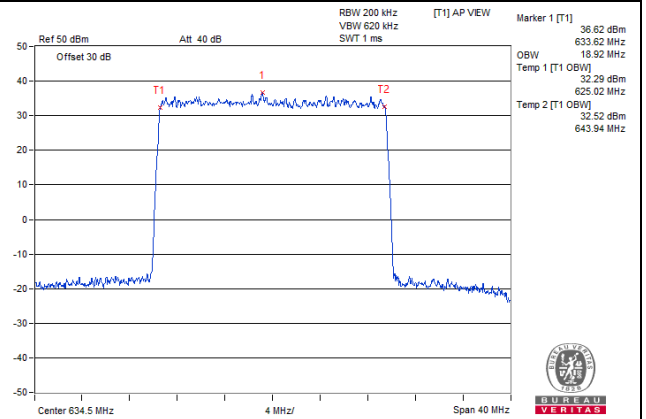


64QAM

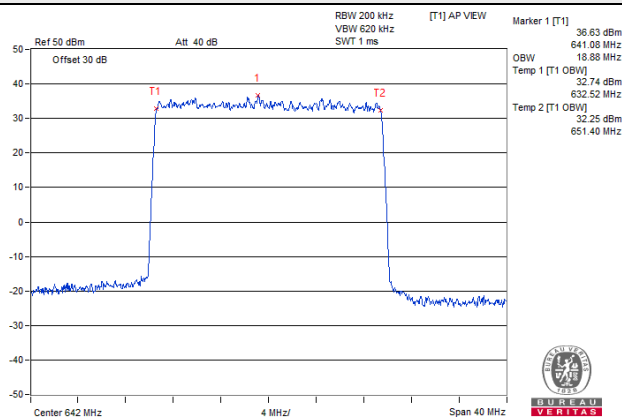
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)

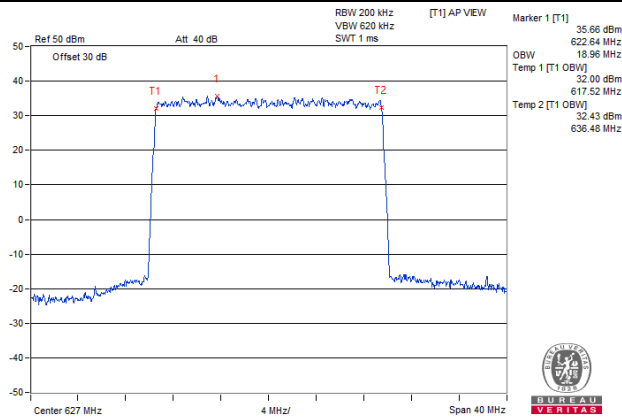


Ch 128400 (642MHz)

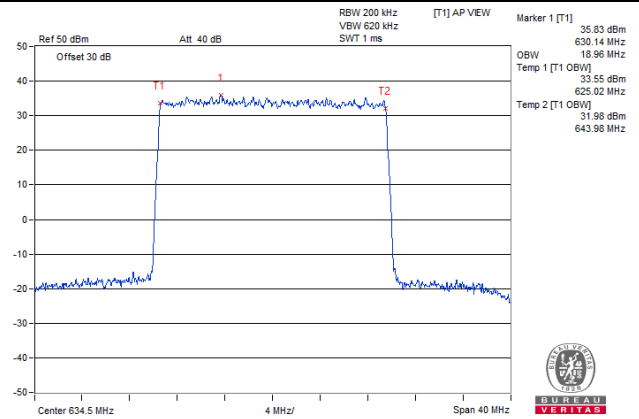


256QAM

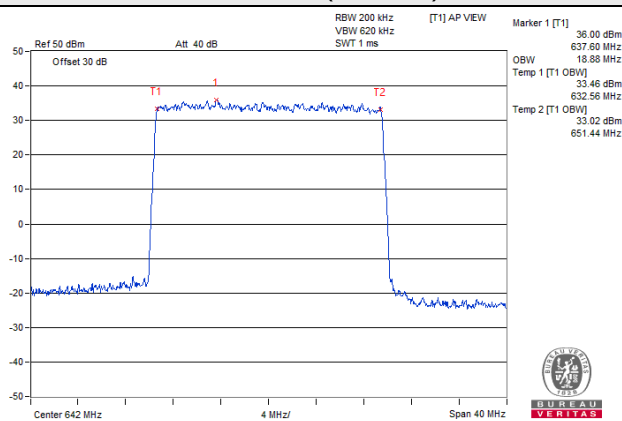
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)



Ch 128400 (642MHz)

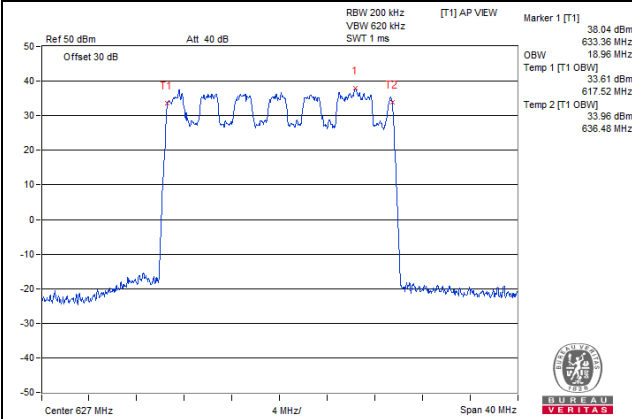


ANT1

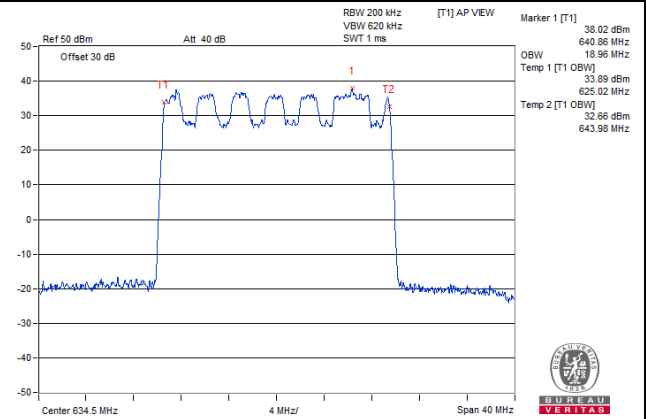
OCP 99 Bandwidth

QPSK

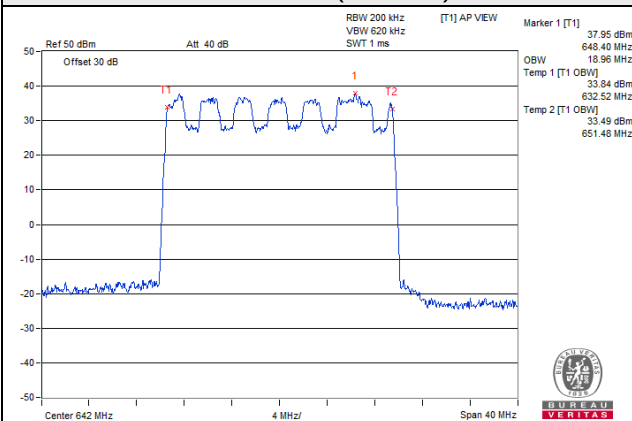
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)

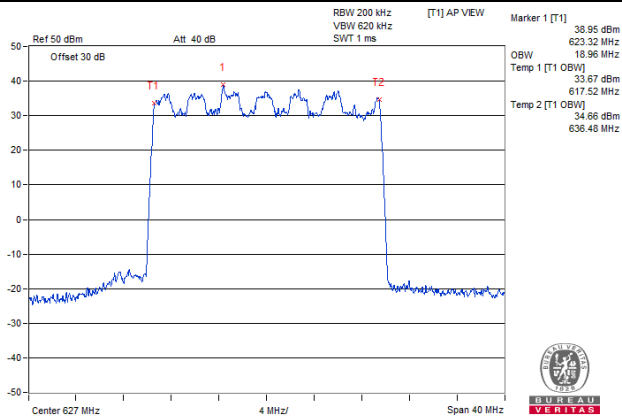


Ch 128400 (642MHz)

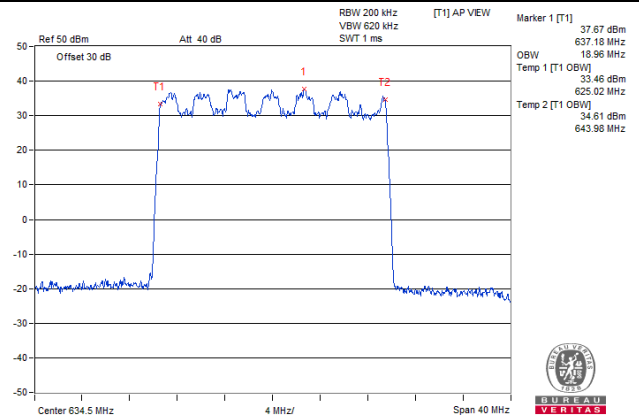


16QAM

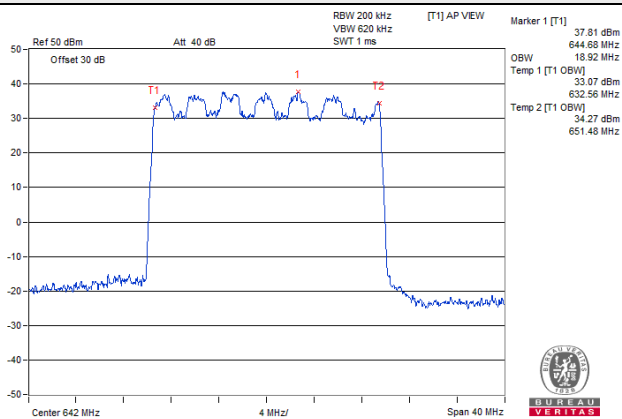
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)

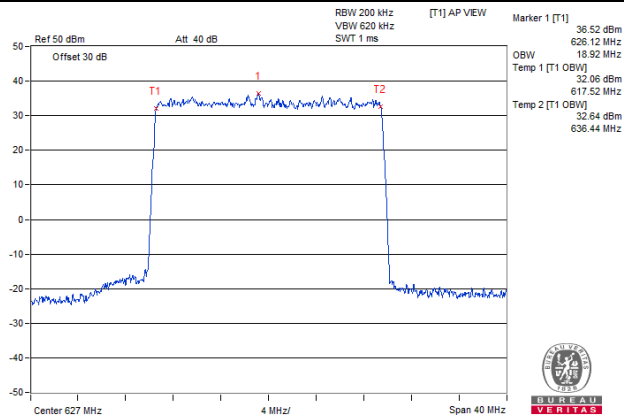


Ch 128400 (642MHz)

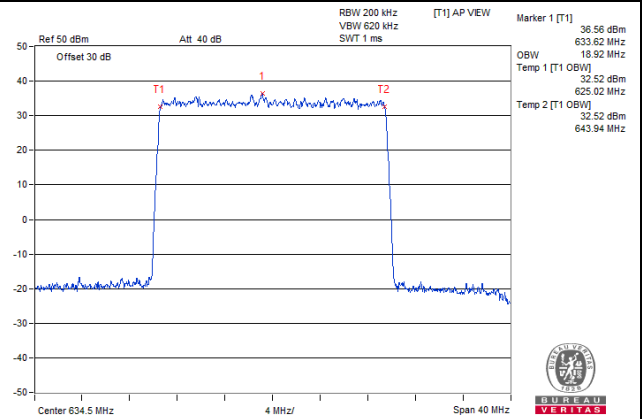


64QAM

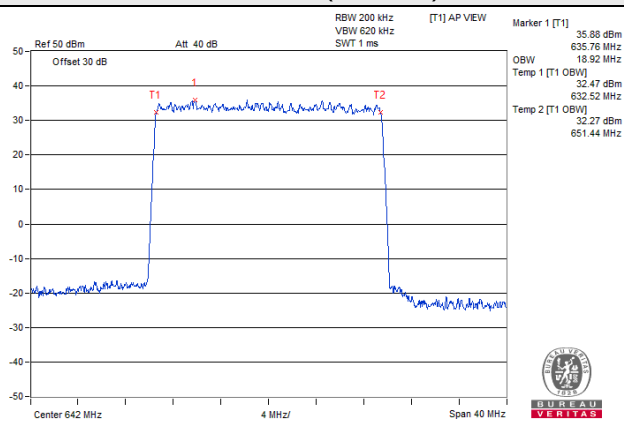
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)

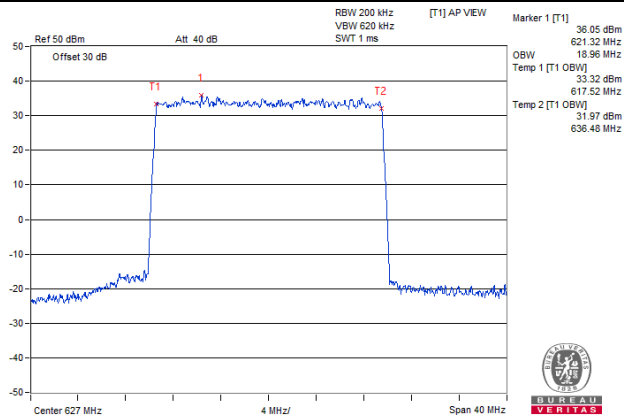


Ch 128400 (642MHz)

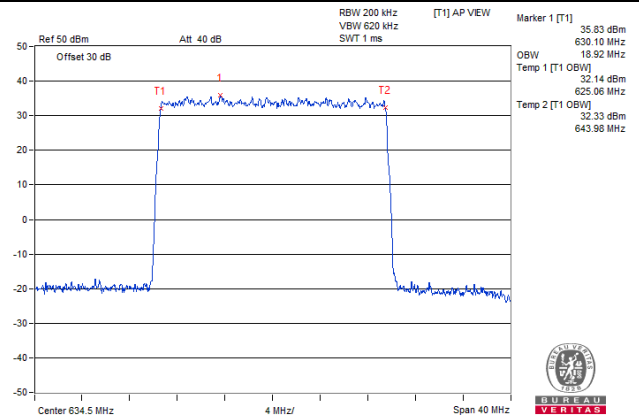


256QAM

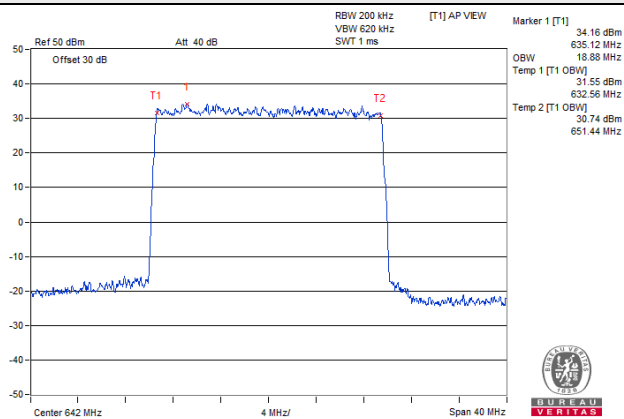
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)



Ch 128400 (642MHz)

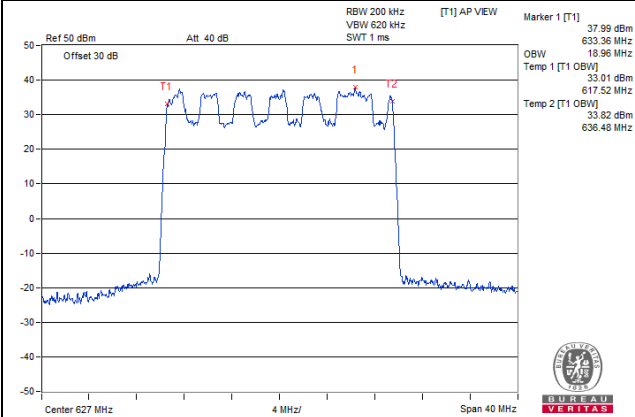


ANT2

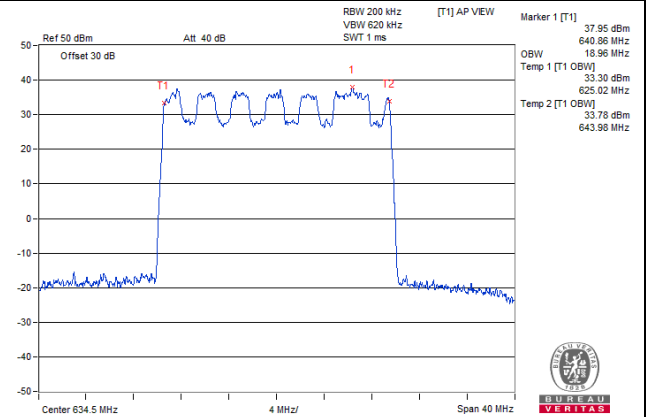
OCP 99 Bandwidth

QPSK

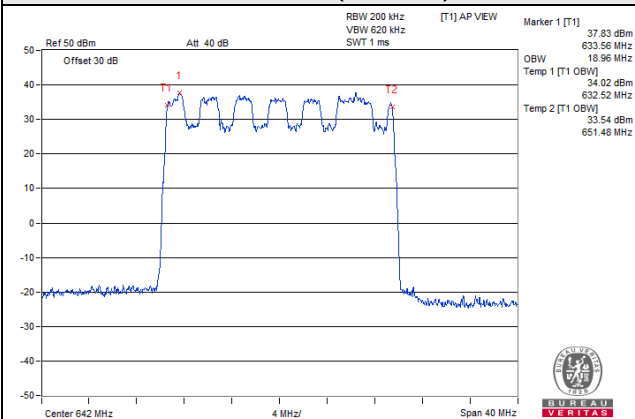
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)

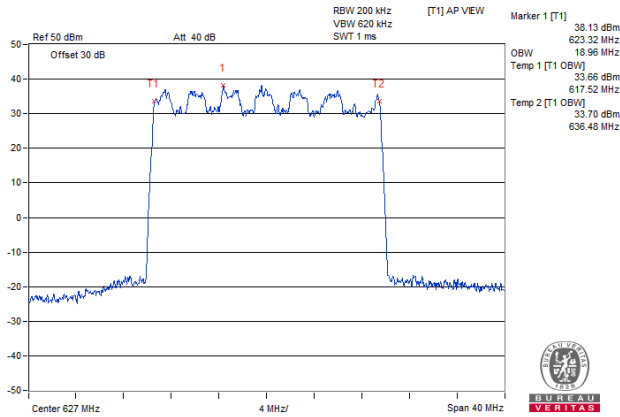


Ch 128400 (642MHz)

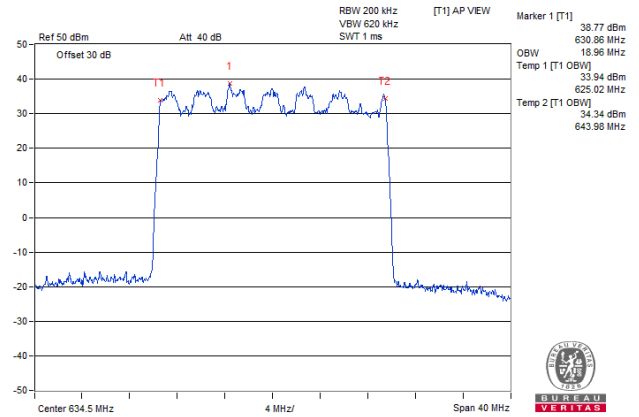


16QAM

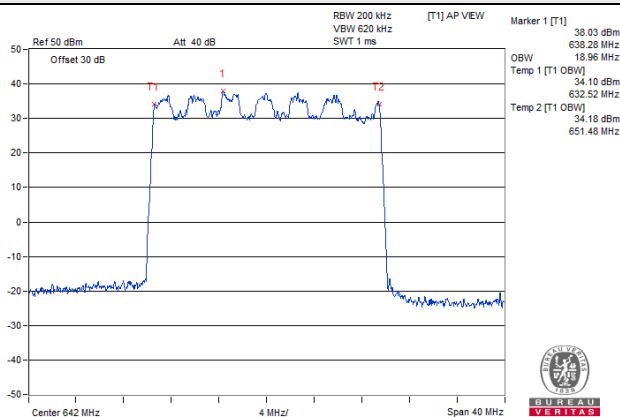
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)

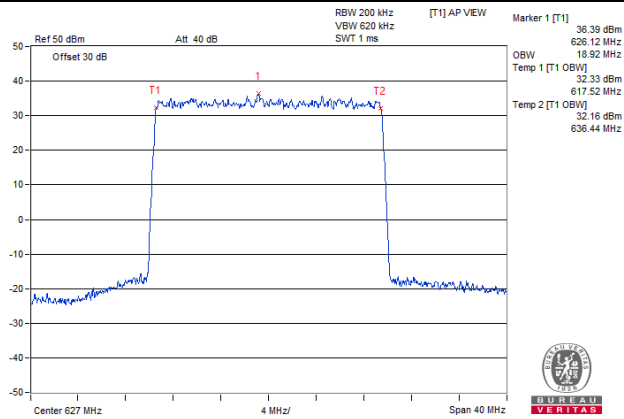


Ch 128400 (642MHz)

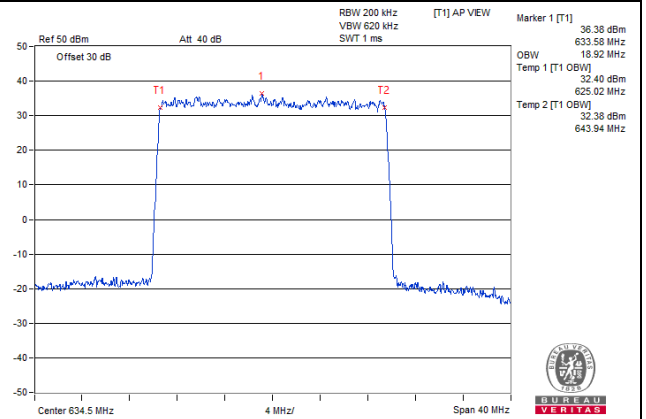


64QAM

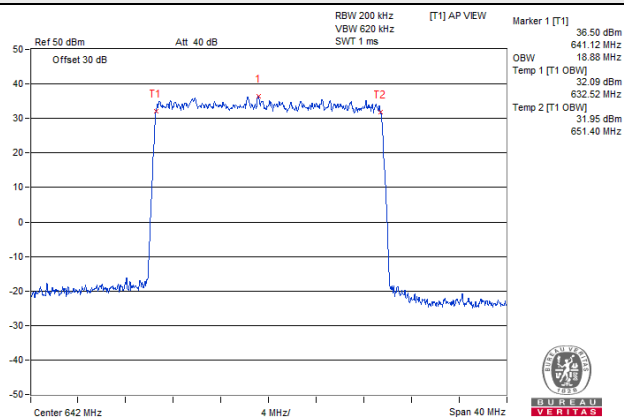
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)

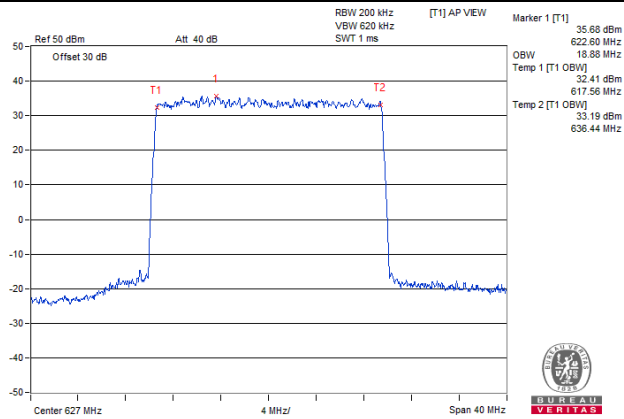


Ch 128400 (642MHz)

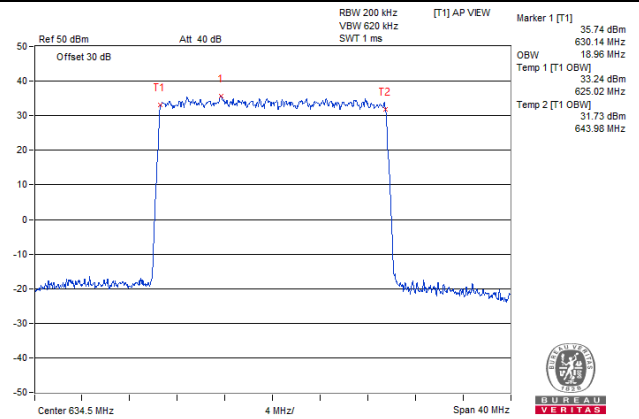


256QAM

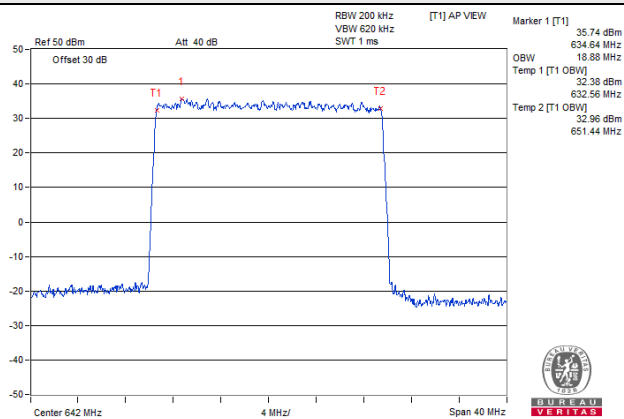
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)



Ch 128400 (642MHz)

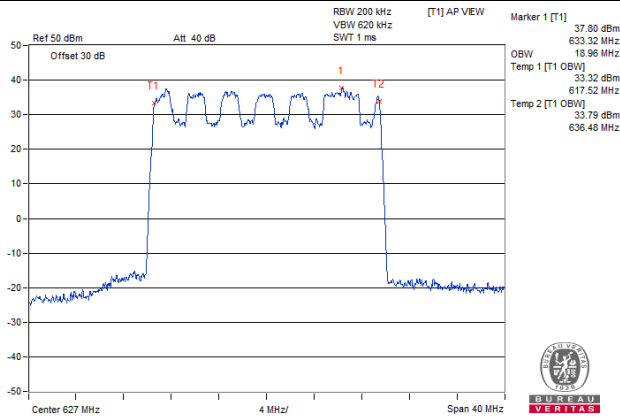


ANT3

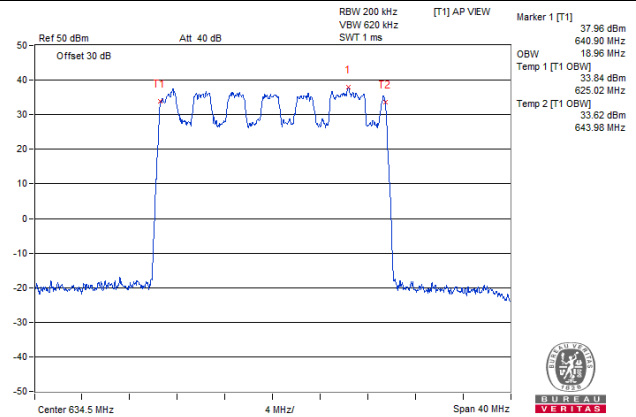
OCP 99 Bandwidth

QPSK

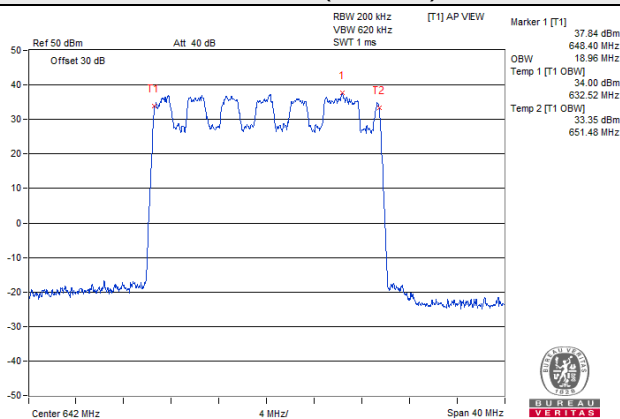
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)

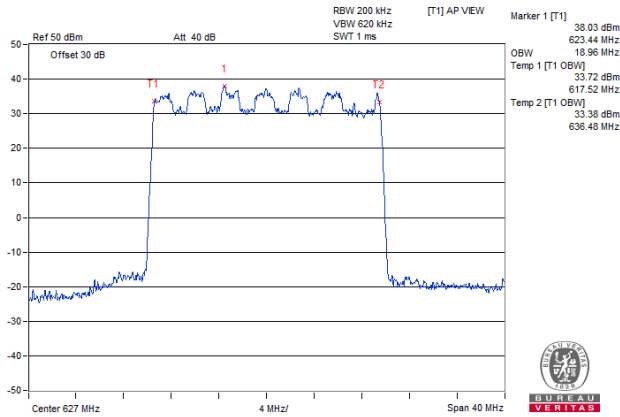


Ch 128400 (642MHz)

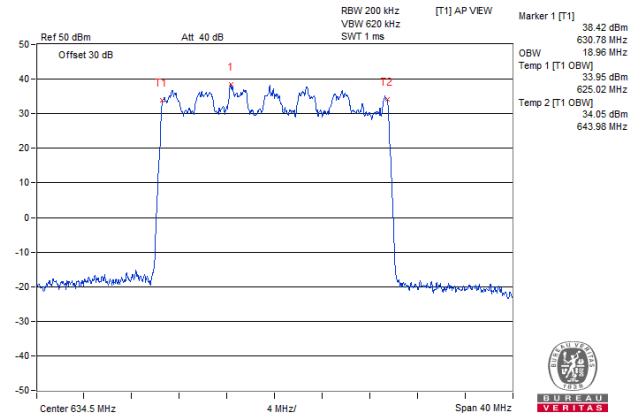


16QAM

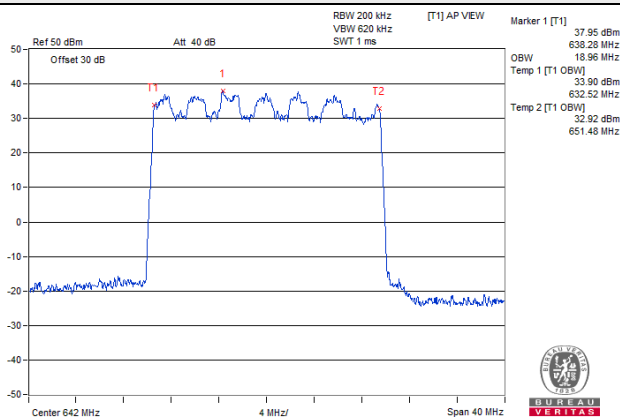
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)

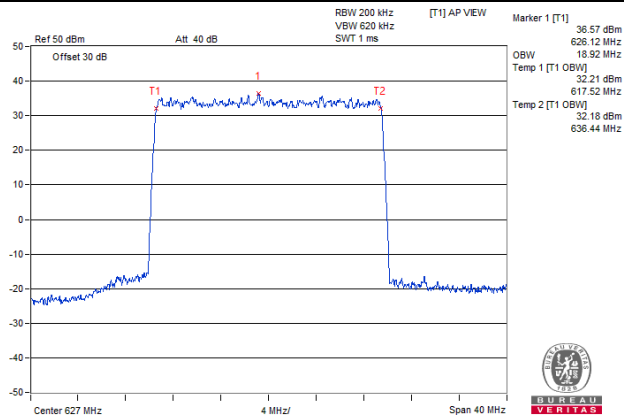


Ch 128400 (642MHz)

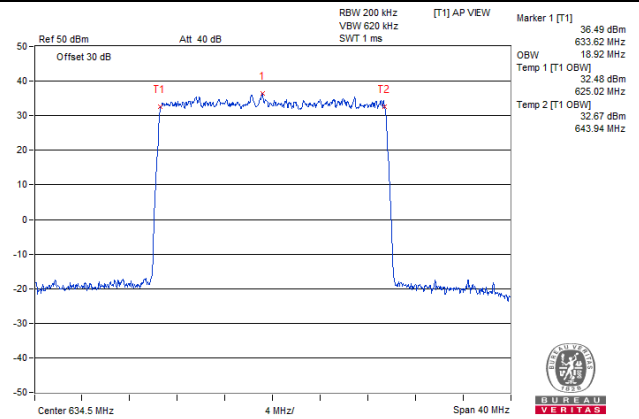


64QAM

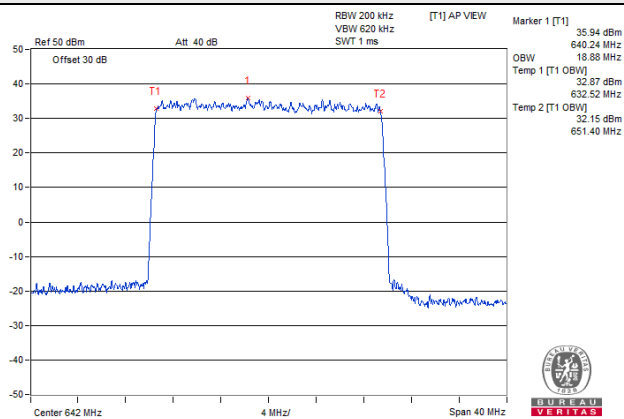
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)

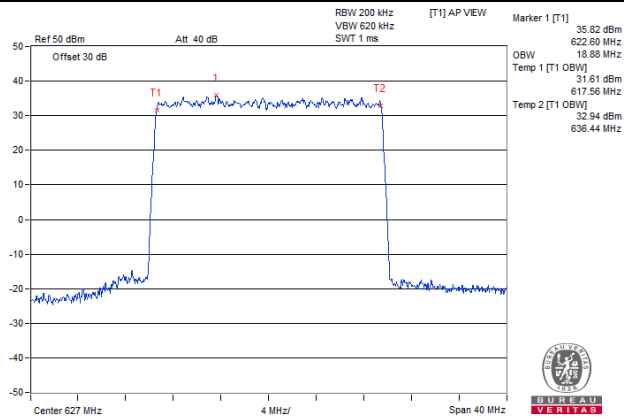


Ch 128400 (642MHz)

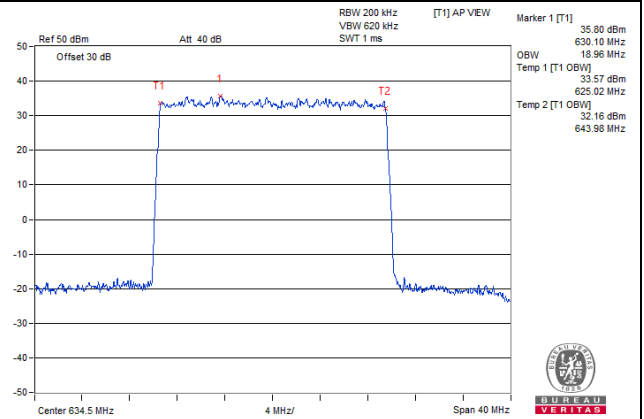


256QAM

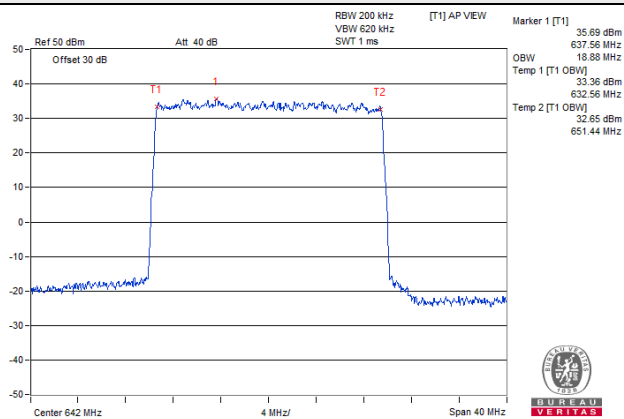
Ch 125400 (627MHz)



Ch 126900 (634.5MHz)



Ch 128400 (642MHz)

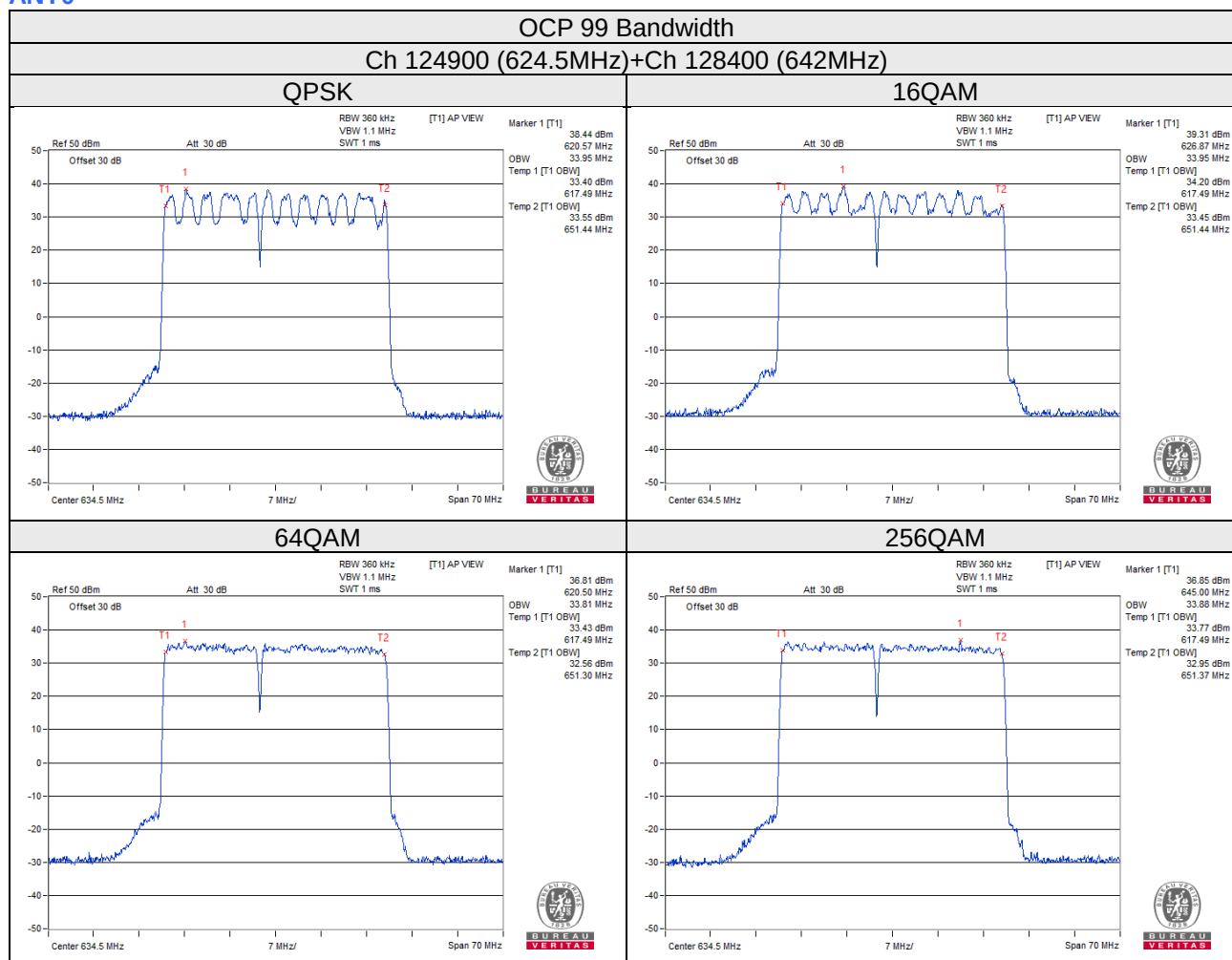


CA-Contiguous

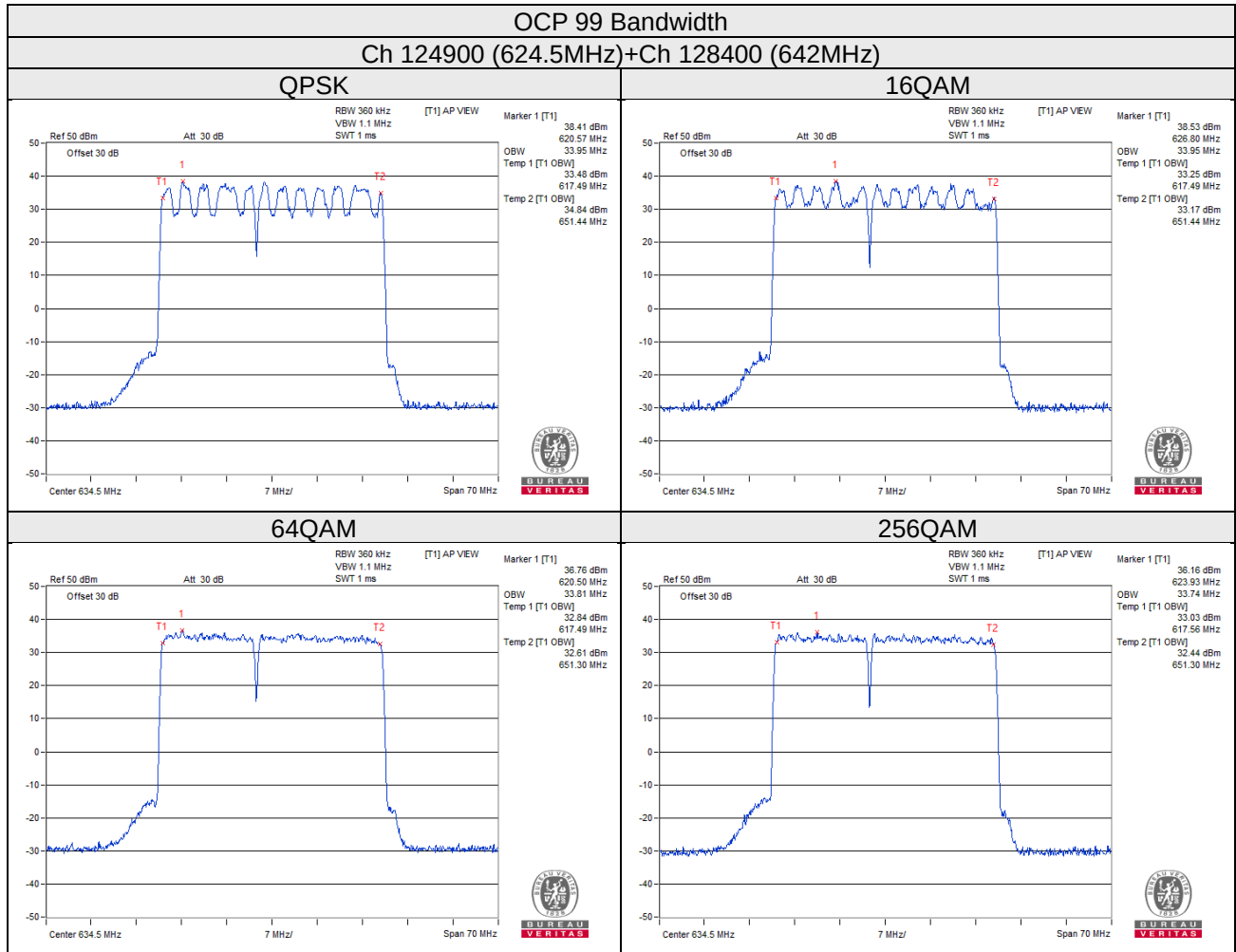
15MHz+20MHz

Channel Number	Freq. (MHz)	OCP 99 Bandwidth (MHz)															
		ANT0				ANT1				ANT2				ANT3			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
124900	624.5																
+	+																
128400	642	33.95	33.95	33.81	33.88	33.95	33.95	33.81	33.74	33.95	33.88	33.81	33.81	33.95	33.95	33.81	33.81

ANT0



ANT1

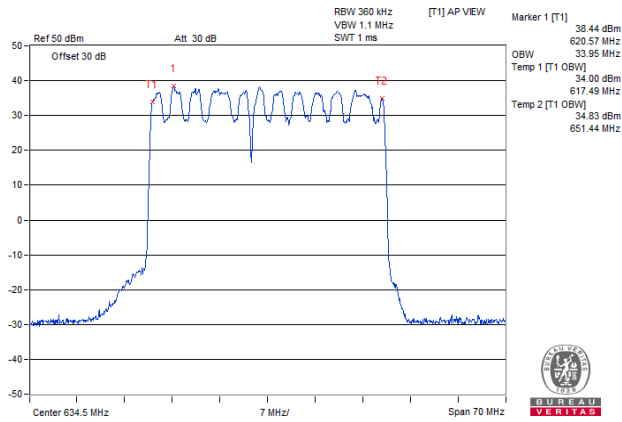


ANT2

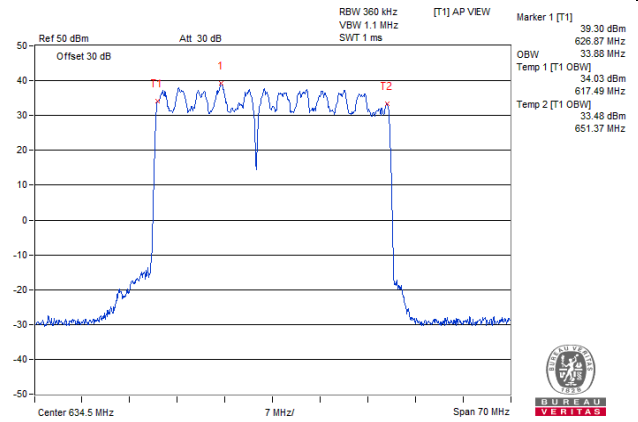
OCP 99 Bandwidth

Ch 124900 (624.5MHz)+Ch 128400 (642MHz)

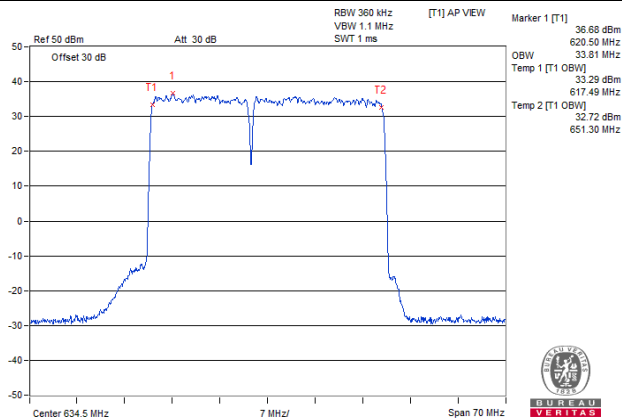
QPSK



16QAM



64QAM



256QAM

