

APPENDIX K

DTT CHARACTERISTIC (1/5)

TYPE OF MODULATION (SYSTEM CODE)	CODE RATE	MODULATION CARRIER	CODE	GUARD INTERVAL (GI)	POSSIBLE COMBINATION	MEANING OF COMBINATION		
						GI (microsec.)	MOD.	Code Rate
QPSK (Quadratic Phase Shift Keying) : A	1/2	2k	A	7 usec (1/32)	A1A	7.0	QPSK	1/2
	2/3		B	14 usec (1/16)	A1B	14.0		
	3/4		C	28 usec (1/8)	A1C	28.0		
	5/6		D	56 msec (1/4)	A1D	56.0		
	7/8	8k	E	28 usec (1/32)	A1E	28.0		
16-QAM (Quadratic Amplitude Modulation) : B	F		56 usec (1/16)	A1F	56.0			
	G		112 usec (1/8)	A1G	112.0			
	H	224 usec (1/4)	A1H	224.0				
64-QAM (Quadratic Amplitude Modulation) : C		4k	Hand held		A2A	7.0	QPSK	2/3
					A2B	14.0		
					A2C	28.0		
					A2D	56.0		
					A2E	28.0		
					A2F	56.0		
					A2G	112.0		
					A2H	224.0		
					A3A	7.0	QPSK	3/4
					A3B	14.0		
					A3C	28.0		
					A3D	56.0		
					A3E	28.0		
			A3F	56.0				
			A3G	112.0				
			A3H	224.0				

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DTT CHARACTERISTIC (2/5)

TYPE OF MODULATION (SYSTEM CODE)	CODE RATE	MODULATION CARRIER	CODE	GUARD INTERVAL (GI)	POSSIBLE COMBINATION	MEANING OF COMBINATION		
						GI(microsec.)	MOD.	Code Rate
QPSK (Quadratic Phase Shift Keying) : A	1/2	2k	A	7 usec (1/32)	A5A	7.0	QPSK	5/6
	2/3		B	14 usec (1/16)	A5B	14.0		
	3/4		C	28 usec (1/8)	A5C	28.0		
	5/6		D	56 msec (1/4)	A5D	56.0		
	7/8		E	28 usec (1/32)	A5E	28.0		
16-QAM (Quadratic Amplitude Modulation) : B		8k	F	56 usec (1/16)	A5F	56.0		
			G	112 usec (1/8)	A5G	112.0		
			H	224 usec (1/4)	A5H	224.0		
			4k	Hand held				
64-QAM (Quadratic Amplitude Modulation) : C					A7A	7.0	QPSK	7/8
					A7B	14.0		
					A7C	28.0		
					A7D	56.0		
					A7E	28.0		
					A7F	56.0		
					A7G	112.0		
					A7H	224.0		
					B1A	7.0	16-QAM	1/2
					B1B	14.0		
					B1C	28.0		
					B1D	56.0		
					B1E	28.0		
					B1F	56.0		
					B1G	112.0		
					B1H	224.0		

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DTT CHARACTERISTIC (3/5)

TYPE OF MODULATION (SYSTEM CODE)	CODE RATE	MODULATION CARRIER	CODE	GUARD INTERVAL (GI)	POSSIBLE COMBINATION	MEANING OF COMBINATION		
						GI(microsec.)	MOD.	Code Rate
QPSK (Quadratic Phase Shift Keying) : A	1/2	2k	A	7 usec (1/32)	B2A	7.0	16-QAM	2/3
	2/3		B	14 usec (1/16)	B2B	14.0		
	3/4		C	28 usec (1/8)	B2C	28.0		
	5/6		D	56 msec (1/4)	B2D	56.0		
	7/8		E	28 usec (1/32)	B2E	28.0		
16-QAM (Quadratic Amplitude Modulation) : B		8k	F	56 usec (1/16)	B2F	56.0		
			G	112 usec (1/8)	B2G	112.0		
			H	224 usec (1/4)	B2H	224.0		
			4k	Hand held				
64-QAM (Quadratic Amplitude Modulation) : C					B3A	7.0	16-QAM	3/4
					B3B	14.0		
					B3C	28.0		
					B3D	56.0		
					B3E	28.0		
					B3F	56.0		
					B3G	112.0		
					B3H	224.0		
					B5A	7.0	16-QAM	5/6
					B5B	14.0		
					B5C	28.0		
					B5D	56.0		
					B5E	28.0		
					B5F	56.0		
					B5G	112.0		
					B5H	224.0		

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DTT CHARACTERISTIC (4/5)

TYPE OF MODULATION (SYSTEM CODE)	CODE RATE	MODULATION CARRIER	CODE	GUARD INTERVAL (GI)	POSSIBLE COMBINATION	MEANING OF COMBINATION				
						GI(microsec.)	MOD.	Code Rate		
QPSK (Quadratic Phase Shift Keying) : A	1/2	2k	A	7 usec (1/32)	B7A	7.0	16-QAM	7/8		
	2/3		B	14 usec (1/16)	B7B	14.0				
	3/4		C	28 usec (1/8)	B7C	28.0				
	5/6		D	56 msec (1/4)	B7D	56.0				
	7/8	E	28 usec (1/32)	B7E	28.0					
16-QAM (Quadratic Amplitude Modulation) : B		8k	F	56 usec (1/16)	B7F	56.0			64-QAM	1/2
			G	112 usec (1/8)	B7G	112.0				
			H	224 usec (1/4)	B7H	224.0				
		4k	Hand held		C1A	7.0				
64-QAM (Quadratic Amplitude Modulation) : C					C1B	14.0	64-QAM	1/2		
					C1C	28.0				
					C1D	56.0				
					C1E	28.0				
					C1F	56.0				
					C1G	112.0				
					C1H	224.0				
					C2A	7.0				
				C2B	14.0	64-QAM	2/3			
				C2C	28.0					
				C2D	56.0					
				C2E	28.0					
				C2F	56.0					
				C2G	112.0					
				C2H	224.0					

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DTT CHARACTERISTIC (5/5)

TYPE OF MODULATION (SYSTEM CODE)	CODE RATE	MODULATION CARRIER	CODE	GUARD INTERVAL (GI)	POSSIBLE COMBINATION	MEANING OF COMBINATION				
						GI(microsec.)	MOD.	Code Rate		
QPSK (Quadratic Phase Shift Keying) : A	1/2	2k	A	7 usec (1/32)	C3A	7.0	64-QAM	3/4		
	2/3		B	14 usec (1/16)	C3B	14.0				
	3/4		C	28 usec (1/8)	C3C	28.0				
	5/6		D	56 msec (1/4)	C3D	56.0				
	7/8		E	28 usec (1/32)	C3E	28.0				
16-QAM (Quadratic Amplitude Modulation) : B		8k	F	56 usec (1/16)	C3F	56.0			64-QAM	5/6
			G	112 usec (1/8)	C3G	112.0				
			H	224 usec (1/4)	C3H	224.0				
			4k	Hand held		C5A	7.0			
64-QAM (Quadratic Amplitude Modulation) : C					C5B	14.0	64-QAM	5/6		
					C5C	28.0				
					C5D	56.0				
					C5E	28.0				
					C5F	56.0				
					C5G	112.0				
					C5H	224.0				
					C7A	7.0			64-QAM	7/8
				C7B	14.0					
				C7C	28.0					
				C7D	56.0					
				C7E	28.0					
				C7F	56.0					
				C7G	112.0					
				C7H	224.0					