



APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 12

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	699.7	23017	1.4	1	0	22.95
QPSK	699.7	23017	1.4	1	3	23.12
QPSK	699.7	23017	1.4	1	5	23.04
QPSK	699.7	23017	1.4	3	0	23.12
QPSK	699.7	23017	1.4	3	1	23.20
QPSK	699.7	23017	1.4	3	3	23.14
QPSK	699.7	23017	1.4	6	0	22.25
QPSK	707.5	23095	1.4	1	0	23.06
QPSK	707.5	23095	1.4	1	3	23.07
QPSK	707.5	23095	1.4	1	5	23.15
QPSK	707.5	23095	1.4	3	0	23.13
QPSK	707.5	23095	1.4	3	1	23.13
QPSK	707.5	23095	1.4	3	3	23.20
QPSK	707.5	23095	1.4	6	0	21.93
QPSK	715.3	23173	1.4	1	0	23.14
QPSK	715.3	23173	1.4	1	3	23.10
QPSK	715.3	23173	1.4	1	5	23.25
QPSK	715.3	23173	1.4	3	0	23.27
QPSK	715.3	23173	1.4	3	1	23.35
QPSK	715.3	23173	1.4	3	3	23.19
QPSK	715.3	23173	1.4	6	0	22.27



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	699.7	23017	1.4	1	0	22.67
16QAM	699.7	23017	1.4	1	3	22.50
16QAM	699.7	23017	1.4	1	5	22.39
16QAM	699.7	23017	1.4	3	0	22.23
16QAM	699.7	23017	1.4	3	1	22.31
16QAM	699.7	23017	1.4	3	3	22.35
16QAM	699.7	23017	1.4	6	0	21.31
16QAM	707.5	23095	1.4	1	0	22.45
16QAM	707.5	23095	1.4	1	3	22.26
16QAM	707.5	23095	1.4	1	5	22.13
16QAM	707.5	23095	1.4	3	0	22.23
16QAM	707.5	23095	1.4	3	1	22.11
16QAM	707.5	23095	1.4	3	3	22.20
16QAM	707.5	23095	1.4	6	0	21.07
16QAM	715.3	23173	1.4	1	0	22.94
16QAM	715.3	23173	1.4	1	3	22.34
16QAM	715.3	23173	1.4	1	5	22.62
16QAM	715.3	23173	1.4	3	0	22.50
16QAM	715.3	23173	1.4	3	1	22.36
16QAM	715.3	23173	1.4	3	3	22.24
16QAM	715.3	23173	1.4	6	0	21.41
64QAM	699.7	23017	1.4	1	0	22.14
64QAM	699.7	23017	1.4	1	3	22.49
64QAM	699.7	23017	1.4	1	5	22.09
64QAM	699.7	23017	1.4	3	0	22.29
64QAM	699.7	23017	1.4	3	1	22.38
64QAM	699.7	23017	1.4	3	3	22.02
64QAM	699.7	23017	1.4	6	0	21.27
64QAM	707.5	23095	1.4	1	0	22.22
64QAM	707.5	23095	1.4	1	3	22.01
64QAM	707.5	23095	1.4	1	5	21.94
64QAM	707.5	23095	1.4	3	0	22.14
64QAM	707.5	23095	1.4	3	1	22.14
64QAM	707.5	23095	1.4	3	3	22.13
64QAM	707.5	23095	1.4	6	0	21.22
64QAM	715.3	23173	1.4	1	0	21.92
64QAM	715.3	23173	1.4	1	3	22.24
64QAM	715.3	23173	1.4	1	5	22.63
64QAM	715.3	23173	1.4	3	0	22.39
64QAM	715.3	23173	1.4	3	1	22.42
64QAM	715.3	23173	1.4	3	3	22.38
64QAM	715.3	23173	1.4	6	0	21.32



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	700.5	23025	3	1	0	23.09
QPSK	700.5	23025	3	1	8	23.28
QPSK	700.5	23025	3	1	14	23.08
QPSK	700.5	23025	3	8	0	22.23
QPSK	700.5	23025	3	8	4	22.30
QPSK	700.5	23025	3	8	7	22.18
QPSK	700.5	23025	3	15	0	22.25
QPSK	707.5	23095	3	1	0	23.10
QPSK	707.5	23095	3	1	8	23.04
QPSK	707.5	23095	3	1	14	23.10
QPSK	707.5	23095	3	8	0	22.14
QPSK	707.5	23095	3	8	4	22.13
QPSK	707.5	23095	3	8	7	22.07
QPSK	707.5	23095	3	15	0	22.08
QPSK	714.5	23165	3	1	0	23.29
QPSK	714.5	23165	3	1	8	23.21
QPSK	714.5	23165	3	1	14	23.18
QPSK	714.5	23165	3	8	0	22.19
QPSK	714.5	23165	3	8	4	22.33
QPSK	714.5	23165	3	8	7	22.25
QPSK	714.5	23165	3	15	0	22.22



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	700.5	23025	3	1	0	22.63
16QAM	700.5	23025	3	1	8	22.28
16QAM	700.5	23025	3	1	14	22.03
16QAM	700.5	23025	3	8	0	21.27
16QAM	700.5	23025	3	8	4	21.23
16QAM	700.5	23025	3	8	7	21.13
16QAM	700.5	23025	3	15	0	21.16
16QAM	707.5	23095	3	1	0	21.98
16QAM	707.5	23095	3	1	8	22.45
16QAM	707.5	23095	3	1	14	22.47
16QAM	707.5	23095	3	8	0	20.93
16QAM	707.5	23095	3	8	4	21.30
16QAM	707.5	23095	3	8	7	21.22
16QAM	707.5	23095	3	15	0	21.09
16QAM	714.5	23165	3	1	0	22.59
16QAM	714.5	23165	3	1	8	22.82
16QAM	714.5	23165	3	1	14	22.44
16QAM	714.5	23165	3	8	0	21.39
16QAM	714.5	23165	3	8	4	21.27
16QAM	714.5	23165	3	8	7	21.25
16QAM	714.5	23165	3	15	0	21.33
64QAM	700.5	23025	3	1	0	22.07
64QAM	700.5	23025	3	1	8	22.55
64QAM	700.5	23025	3	1	14	21.81
64QAM	700.5	23025	3	8	0	21.27
64QAM	700.5	23025	3	8	4	21.10
64QAM	700.5	23025	3	8	7	21.17
64QAM	700.5	23025	3	15	0	21.24
64QAM	707.5	23095	3	1	0	22.02
64QAM	707.5	23095	3	1	8	22.16
64QAM	707.5	23095	3	1	14	22.02
64QAM	707.5	23095	3	8	0	21.16
64QAM	707.5	23095	3	8	4	21.12
64QAM	707.5	23095	3	8	7	21.28
64QAM	707.5	23095	3	15	0	21.00
64QAM	714.5	23165	3	1	0	22.27
64QAM	714.5	23165	3	1	8	22.25
64QAM	714.5	23165	3	1	14	22.21
64QAM	714.5	23165	3	8	0	21.15
64QAM	714.5	23165	3	8	4	21.45
64QAM	714.5	23165	3	8	7	21.33
64QAM	714.5	23165	3	15	0	21.23



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	701.5	23035	5	1	0	23.14
QPSK	701.5	23035	5	1	12	23.27
QPSK	701.5	23035	5	1	24	23.03
QPSK	701.5	23035	5	12	0	22.15
QPSK	701.5	23035	5	12	7	22.22
QPSK	701.5	23035	5	12	13	22.11
QPSK	701.5	23035	5	25	0	22.14
QPSK	707.5	23095	5	1	0	23.09
QPSK	707.5	23095	5	1	12	23.03
QPSK	707.5	23095	5	1	24	22.97
QPSK	707.5	23095	5	12	0	22.04
QPSK	707.5	23095	5	12	7	22.18
QPSK	707.5	23095	5	12	13	22.10
QPSK	707.5	23095	5	25	0	21.98
QPSK	713.5	23155	5	1	0	23.08
QPSK	713.5	23155	5	1	12	22.96
QPSK	713.5	23155	5	1	24	23.12
QPSK	713.5	23155	5	12	0	22.07
QPSK	713.5	23155	5	12	7	22.31
QPSK	713.5	23155	5	12	13	22.27
QPSK	713.5	23155	5	25	0	22.19



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	701.5	23035	5	1	0	22.06
16QAM	701.5	23035	5	1	12	22.52
16QAM	701.5	23035	5	1	24	22.08
16QAM	701.5	23035	5	12	0	21.15
16QAM	701.5	23035	5	12	7	21.12
16QAM	701.5	23035	5	12	13	21.14
16QAM	701.5	23035	5	25	0	21.24
16QAM	707.5	23095	5	1	0	22.53
16QAM	707.5	23095	5	1	12	22.61
16QAM	707.5	23095	5	1	24	22.34
16QAM	707.5	23095	5	12	0	20.97
16QAM	707.5	23095	5	12	7	21.08
16QAM	707.5	23095	5	12	13	21.17
16QAM	707.5	23095	5	25	0	20.99
16QAM	713.5	23155	5	1	0	22.53
16QAM	713.5	23155	5	1	12	22.57
16QAM	713.5	23155	5	1	24	21.72
16QAM	713.5	23155	5	12	0	21.25
16QAM	713.5	23155	5	12	7	21.38
16QAM	713.5	23155	5	12	13	21.32
16QAM	713.5	23155	5	25	0	21.28
64QAM	701.5	23035	5	1	0	22.44
64QAM	701.5	23035	5	1	12	21.87
64QAM	701.5	23035	5	1	24	21.99
64QAM	701.5	23035	5	12	0	21.10
64QAM	701.5	23035	5	12	7	21.14
64QAM	701.5	23035	5	12	13	21.24
64QAM	701.5	23035	5	25	0	21.23
64QAM	707.5	23095	5	1	0	21.16
64QAM	707.5	23095	5	1	12	21.58
64QAM	707.5	23095	5	1	24	21.51
64QAM	707.5	23095	5	12	0	20.00
64QAM	707.5	23095	5	12	7	20.24
64QAM	707.5	23095	5	12	13	20.28
64QAM	707.5	23095	5	25	0	20.02
64QAM	713.5	23155	5	1	0	21.49
64QAM	713.5	23155	5	1	12	21.52
64QAM	713.5	23155	5	1	24	21.31
64QAM	713.5	23155	5	12	0	20.31
64QAM	713.5	23155	5	12	7	20.14
64QAM	713.5	23155	5	12	13	20.34
64QAM	713.5	23155	5	25	0	20.30



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	704	23060	10	1	0	23.14
QPSK	704	23060	10	1	25	23.17
QPSK	704	23060	10	1	49	22.93
QPSK	704	23060	10	25	0	22.16
QPSK	704	23060	10	25	12	22.20
QPSK	704	23060	10	25	25	22.19
QPSK	704	23060	10	50	0	22.20
QPSK	707.5	23095	10	1	0	23.26
QPSK	707.5	23095	10	1	25	23.18
QPSK	707.5	23095	10	1	49	23.16
QPSK	707.5	23095	10	25	0	22.06
QPSK	707.5	23095	10	25	12	22.20
QPSK	707.5	23095	10	25	25	22.24
QPSK	707.5	23095	10	50	0	22.08
QPSK	711	23130	10	1	0	23.18
QPSK	711	23130	10	1	25	23.12
QPSK	711	23130	10	1	49	23.18
QPSK	711	23130	10	25	0	22.08
QPSK	711	23130	10	25	12	22.13
QPSK	711	23130	10	25	25	22.26
QPSK	711	23130	10	50	0	22.16



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	704	23060	10	1	0	22.52
16QAM	704	23060	10	1	25	22.44
16QAM	704	23060	10	1	49	22.05
16QAM	704	23060	10	25	0	21.02
16QAM	704	23060	10	25	12	21.21
16QAM	704	23060	10	25	25	21.13
16QAM	704	23060	10	50	0	21.23
16QAM	707.5	23095	10	1	0	22.22
16QAM	707.5	23095	10	1	25	22.26
16QAM	707.5	23095	10	1	49	22.93
16QAM	707.5	23095	10	25	0	21.14
16QAM	707.5	23095	10	25	12	21.16
16QAM	707.5	23095	10	25	25	21.22
16QAM	707.5	23095	10	50	0	21.10
16QAM	711	23130	10	1	0	22.50
16QAM	711	23130	10	1	25	22.56
16QAM	711	23130	10	1	49	22.85
16QAM	711	23130	10	25	0	21.13
16QAM	711	23130	10	25	12	21.08
16QAM	711	23130	10	25	25	21.32
16QAM	711	23130	10	50	0	21.19
64QAM	704	23060	10	1	0	21.49
64QAM	704	23060	10	1	25	21.23
64QAM	704	23060	10	1	49	20.97
64QAM	704	23060	10	25	0	20.04
64QAM	704	23060	10	25	12	20.13
64QAM	704	23060	10	25	25	20.14
64QAM	704	23060	10	50	0	20.23
64QAM	707.5	23095	10	1	0	21.39
64QAM	707.5	23095	10	1	25	21.31
64QAM	707.5	23095	10	1	49	21.04
64QAM	707.5	23095	10	25	0	20.13
64QAM	707.5	23095	10	25	12	20.11
64QAM	707.5	23095	10	25	25	20.18
64QAM	707.5	23095	10	50	0	20.11
64QAM	711	23130	10	1	0	21.32
64QAM	711	23130	10	1	25	21.33
64QAM	711	23130	10	1	49	21.60
64QAM	711	23130	10	25	0	20.22
64QAM	711	23130	10	25	12	20.25
64QAM	711	23130	10	25	25	20.36
64QAM	711	23130	10	50	0	20.21



2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
12	QPSK	699.7	23017	1.4	6	0	1.073	Fig.1
12	QPSK	707.5	23095	1.4	6	0	1.073	Fig.2
12	QPSK	715.3	23173	1.4	6	0	1.073	Fig.3
12	QPSK	700.5	23025	3	15	0	2.684	Fig.4
12	QPSK	707.5	23095	3	15	0	2.675	Fig.5
12	QPSK	714.5	23165	3	15	0	2.685	Fig.6
12	QPSK	701.5	23035	5	25	0	4.467	Fig.7
12	QPSK	707.5	23095	5	25	0	4.447	Fig.8
12	QPSK	713.5	23155	5	25	0	4.478	Fig.9
12	QPSK	704	23060	10	50	0	8.940	Fig.10
12	QPSK	707.5	23095	10	50	0	8.905	Fig.11
12	QPSK	711	23130	10	50	0	8.857	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
12	16QAM	699.7	23017	1.4	6	0	1.077	Fig.13
12	16QAM	707.5	23095	1.4	6	0	1.077	Fig.14
12	16QAM	715.3	23173	1.4	6	0	1.081	Fig.15
12	16QAM	700.5	23025	3	15	0	2.672	Fig.16
12	16QAM	707.5	23095	3	15	0	2.671	Fig.17
12	16QAM	714.5	23165	3	15	0	2.675	Fig.18
12	16QAM	701.5	23035	5	25	0	4.460	Fig.19
12	16QAM	707.5	23095	5	25	0	4.461	Fig.20
12	16QAM	713.5	23155	5	25	0	4.458	Fig.21
12	16QAM	704	23060	10	50	0	8.897	Fig.22
12	16QAM	707.5	23095	10	50	0	8.895	Fig.23
12	16QAM	711	23130	10	50	0	8.859	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
12	64QAM	699.7	23017	1.4	6	0	1.080	Fig.25
12	64QAM	707.5	23095	1.4	6	0	1.072	Fig.26
12	64QAM	715.3	23173	1.4	6	0	1.080	Fig.27
12	64QAM	700.5	23025	3	15	0	2.674	Fig.28
12	64QAM	707.5	23095	3	15	0	2.677	Fig.29
12	64QAM	714.5	23165	3	15	0	2.682	Fig.30
12	64QAM	701.5	23035	5	25	0	4.447	Fig.31
12	64QAM	707.5	23095	5	25	0	4.467	Fig.32
12	64QAM	713.5	23155	5	25	0	4.465	Fig.33
12	64QAM	704	23060	10	50	0	8.932	Fig.34
12	64QAM	707.5	23095	10	50	0	8.851	Fig.35
12	64QAM	711	23130	10	50	0	8.862	Fig.36

Test Mode: QPSK

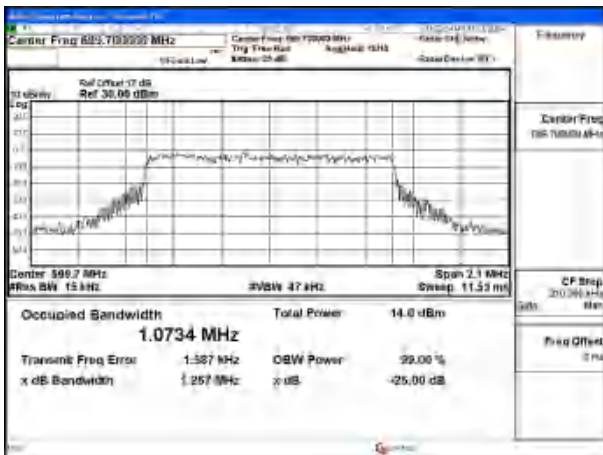


Fig.1



Fig.2



Fig.3

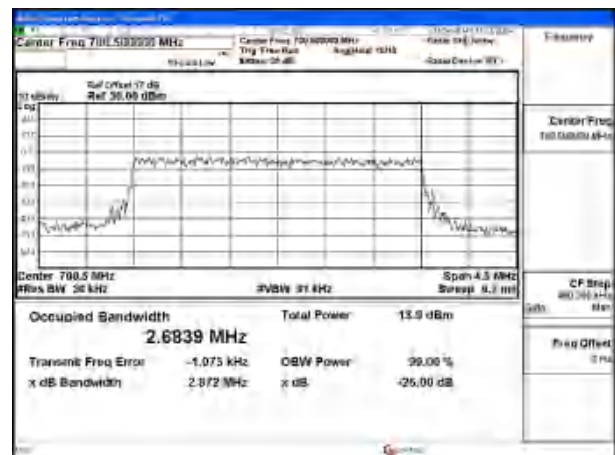


Fig.4

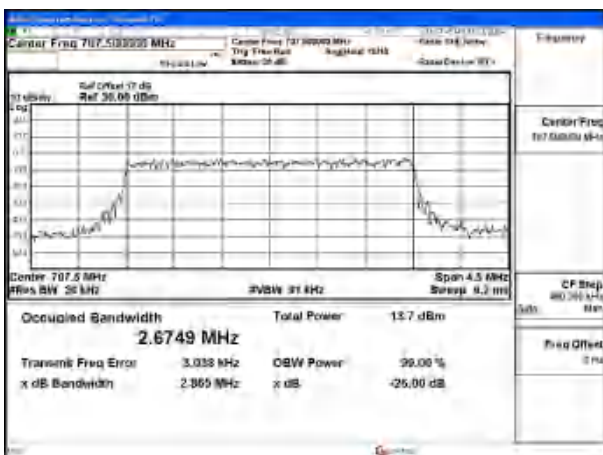


Fig.5

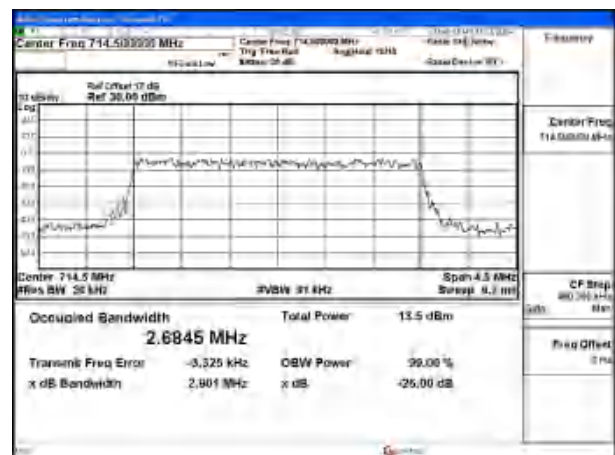


Fig.6



Fig.7



Fig.8



Fig.9



Fig.10



Fig.11

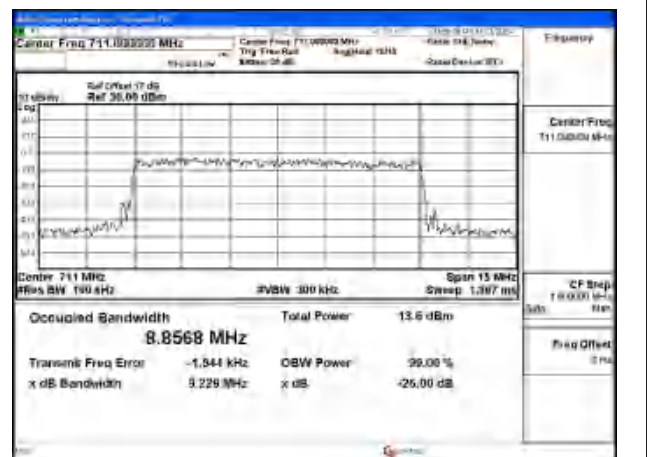


Fig.12

Test Mode: 16QAM



Fig.13



Fig.14

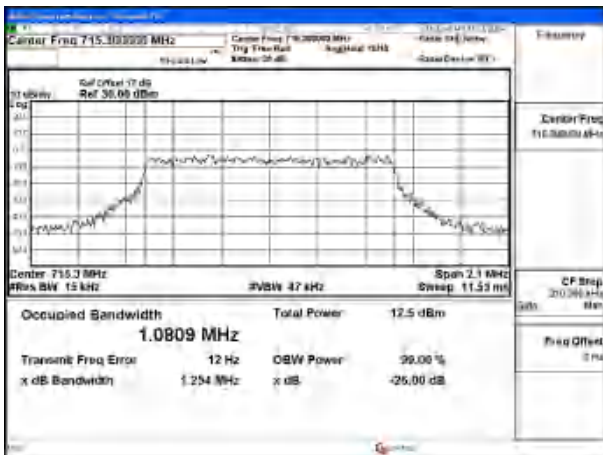


Fig.15



Fig.16

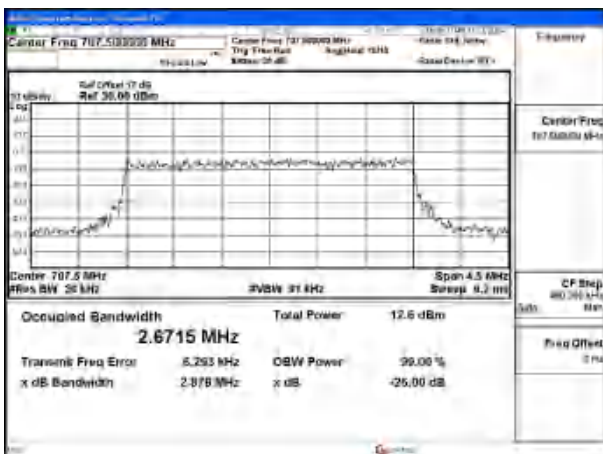


Fig.17

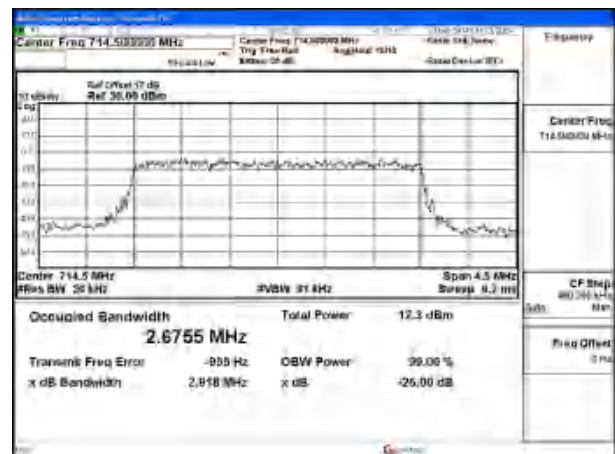


Fig.18



Fig.19

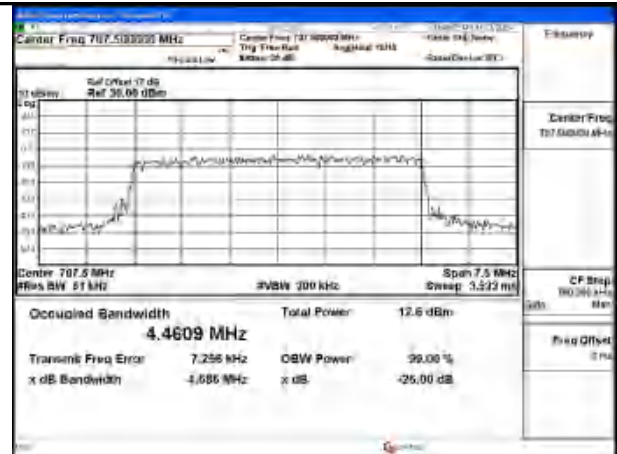


Fig.20



Fig.21



Fig.22



Fig.23

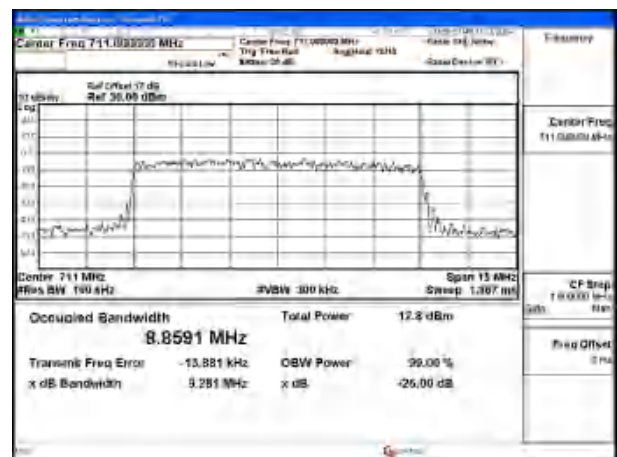


Fig.24

Test Mode: 64QAM



Fig.25



Fig.26



Fig.27



Fig.28

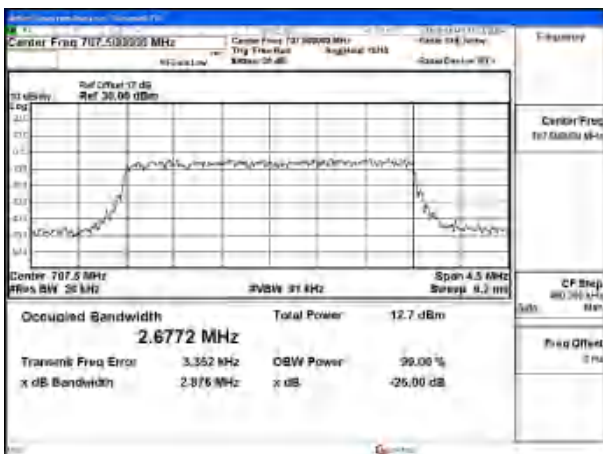


Fig.29

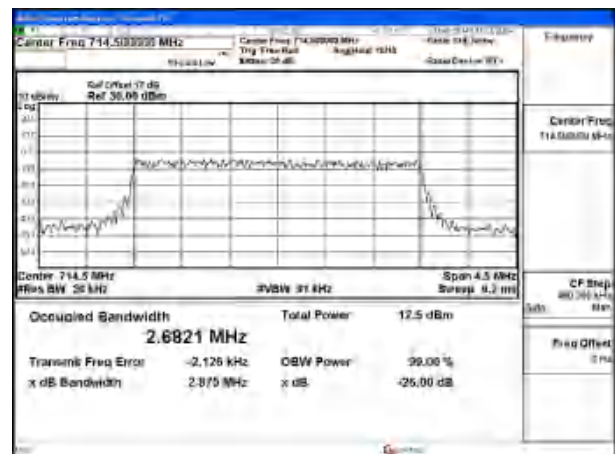


Fig.30



Fig.31



Fig.32



Fig.33



Fig.34



Fig.35



Fig.36

3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
12	QPSK	699.7	23017	1.4	6	0	1.267	Fig.1
12	QPSK	707.5	23095	1.4	6	0	1.252	Fig.2
12	QPSK	715.3	23173	1.4	6	0	1.240	Fig.3
12	QPSK	700.5	23025	3	15	0	2.872	Fig.4
12	QPSK	707.5	23095	3	15	0	2.865	Fig.5
12	QPSK	714.5	23165	3	15	0	2.901	Fig.6
12	QPSK	701.5	23035	5	25	0	4.785	Fig.7
12	QPSK	707.5	23095	5	25	0	4.696	Fig.8
12	QPSK	713.5	23155	5	25	0	4.873	Fig.9
12	QPSK	704	23060	10	50	0	9.251	Fig.10
12	QPSK	707.5	23095	10	50	0	9.261	Fig.11
12	QPSK	711	23130	10	50	0	9.229	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
12	16QAM	699.7	23017	1.4	6	0	1.251	Fig.13
12	16QAM	707.5	23095	1.4	6	0	1.229	Fig.14
12	16QAM	715.3	23173	1.4	6	0	1.254	Fig.15
12	16QAM	700.5	23025	3	15	0	2.921	Fig.16
12	16QAM	707.5	23095	3	15	0	2.879	Fig.17
12	16QAM	714.5	23165	3	15	0	2.918	Fig.18
12	16QAM	701.5	23035	5	25	0	4.698	Fig.19
12	16QAM	707.5	23095	5	25	0	4.686	Fig.20
12	16QAM	713.5	23155	5	25	0	4.632	Fig.21
12	16QAM	704	23060	10	50	0	9.339	Fig.22
12	16QAM	707.5	23095	10	50	0	9.314	Fig.23
12	16QAM	711	23130	10	50	0	9.281	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
12	64QAM	699.7	23017	1.4	6	0	1.216	Fig.25
12	64QAM	707.5	23095	1.4	6	0	1.259	Fig.26
12	64QAM	715.3	23173	1.4	6	0	1.238	Fig.27
12	64QAM	700.5	23025	3	15	0	2.874	Fig.28
12	64QAM	707.5	23095	3	15	0	2.876	Fig.29
12	64QAM	714.5	23165	3	15	0	2.875	Fig.30
12	64QAM	701.5	23035	5	25	0	4.675	Fig.31
12	64QAM	707.5	23095	5	25	0	4.678	Fig.32
12	64QAM	713.5	23155	5	25	0	4.739	Fig.33
12	64QAM	704	23060	10	50	0	9.328	Fig.34
12	64QAM	707.5	23095	10	50	0	9.546	Fig.35
12	64QAM	711	23130	10	50	0	9.367	Fig.36

Test Mode: QPSK

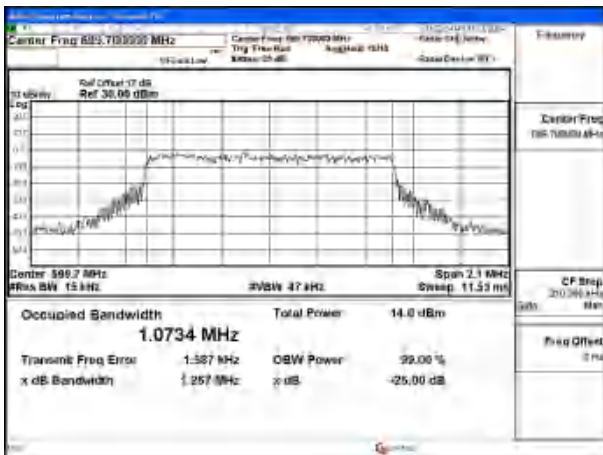


Fig.1



Fig.2



Fig.3

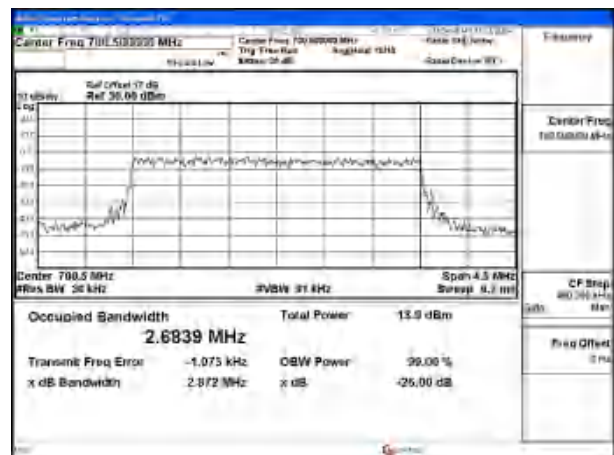


Fig.4

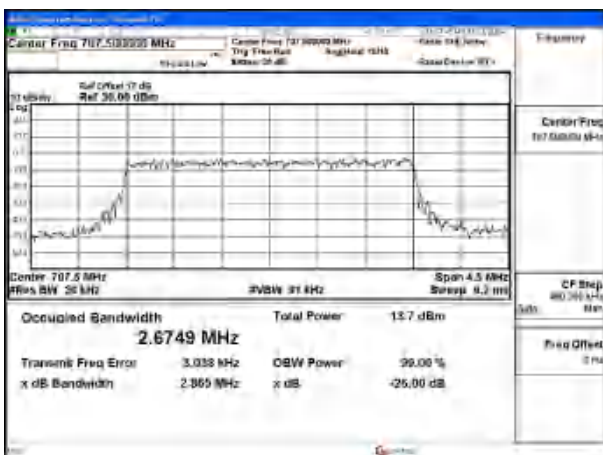


Fig.5

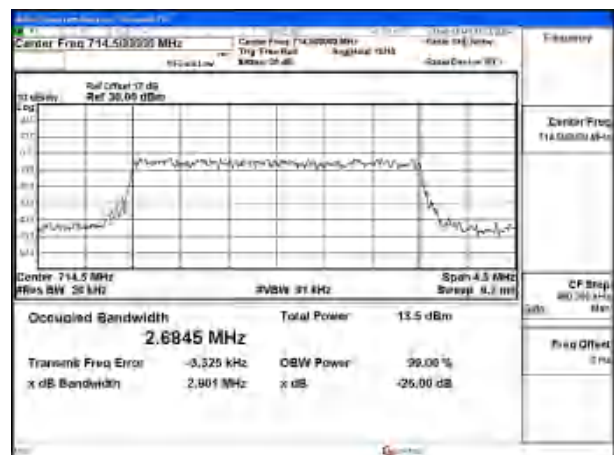


Fig.6



Fig.7



Fig.8



Fig.9



Fig.10

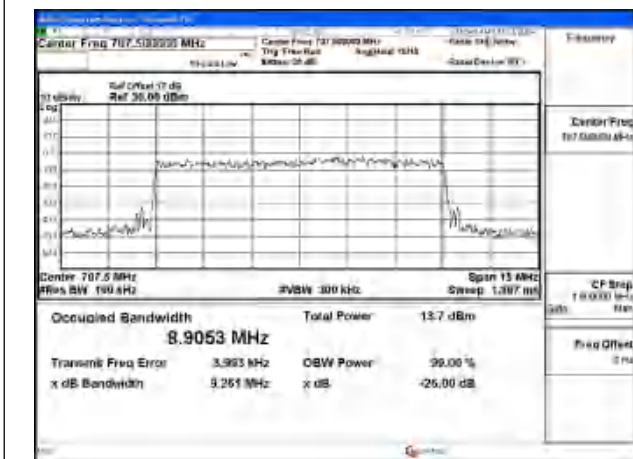


Fig.11



Fig.12

Test Mode: 16QAM



Fig.13



Fig.14

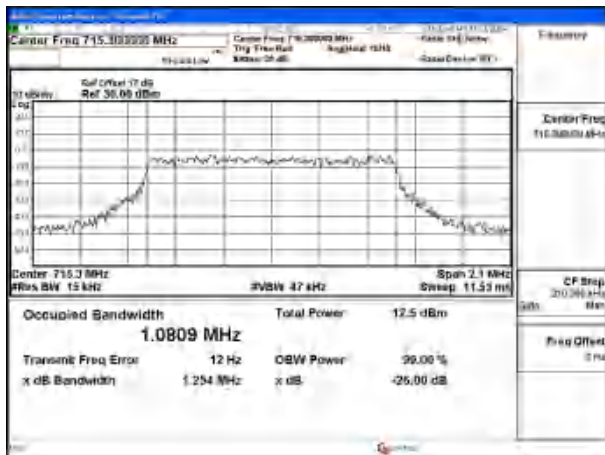


Fig.15



Fig.16

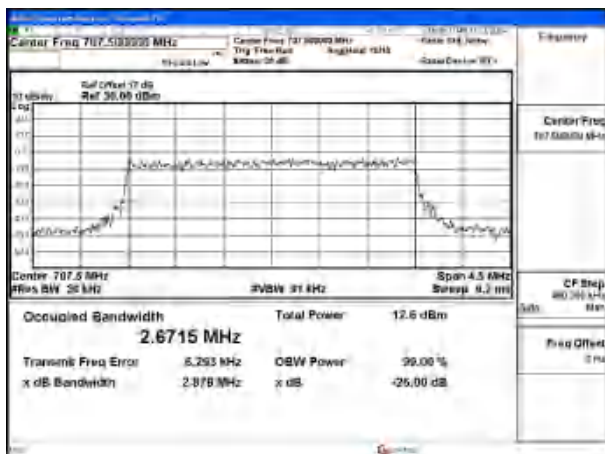


Fig.17

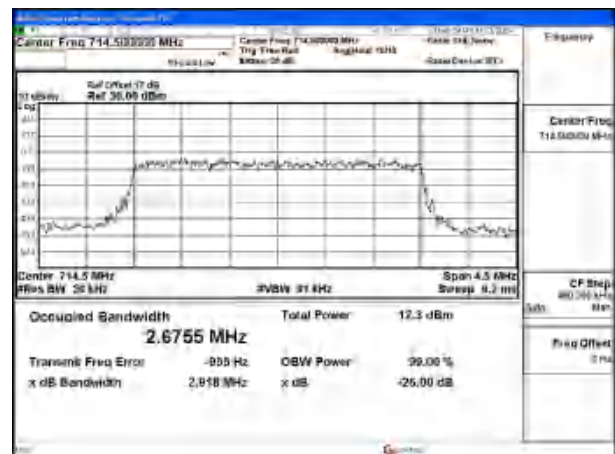


Fig.18



Fig.19



Fig.20



Fig.21



Fig.22



Fig.23



Fig.24

Test Mode: 64QAM



Fig.25



Fig.26



Fig.27



Fig.28

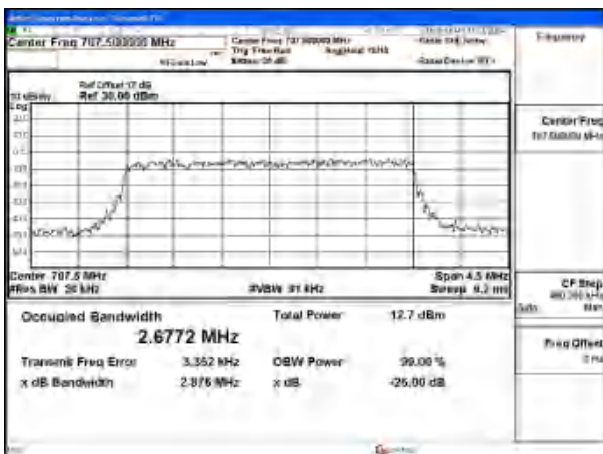


Fig.29

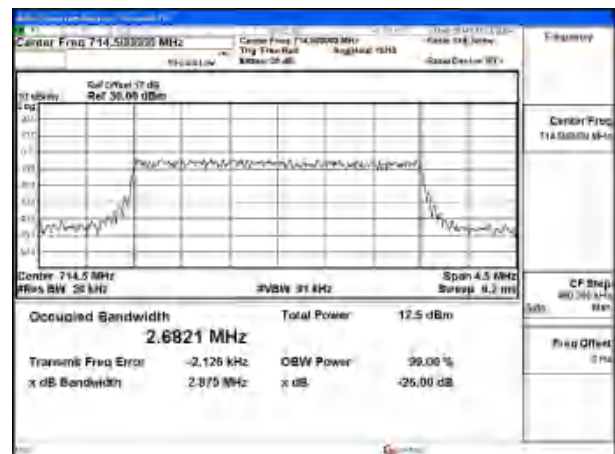


Fig.30



Fig.31



Fig.32



Fig.33



Fig.34



Fig.35



Fig.36



4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
12	699.7	23017	1.4	1	5	Fig.1	Fig.2	Fig.3
12	699.7	23017	1.4	6	0	Fig.4	Fig.5	Fig.6
12	707.5	23095	1.4	1	5	Fig.7	Fig.8	Fig.9
12	707.5	23095	1.4	6	0	Fig.10	Fig.11	Fig.12
12	715.3	23173	1.4	1	5	Fig.13	Fig.14	Fig.15
12	715.3	23173	1.4	6	0	Fig.16	Fig.17	Fig.18
12	700.5	23025	3	1	14	Fig.19	Fig.20	Fig.21
12	700.5	23025	3	15	0	Fig.22	Fig.23	Fig.24
12	707.5	23095	3	1	14	Fig.25	Fig.26	Fig.27
12	707.5	23095	3	15	0	Fig.28	Fig.29	Fig.30
12	714.5	23165	3	1	14	Fig.31	Fig.32	Fig.33
12	714.5	23165	3	15	0	Fig.34	Fig.35	Fig.36
12	701.5	23035	5	1	24	Fig.37	Fig.38	Fig.39
12	701.5	23035	5	25	0	Fig.40	Fig.41	Fig.42
12	707.5	23095	5	1	24	Fig.43	Fig.44	Fig.45
12	707.5	23095	5	25	0	Fig.46	Fig.47	Fig.48
12	713.5	23155	5	1	24	Fig.49	Fig.50	Fig.51
12	713.5	23155	5	25	0	Fig.52	Fig.53	Fig.54
12	704	23060	10	1	49	Fig.55	Fig.56	Fig.57
12	704	23060	10	50	0	Fig.58	Fig.59	Fig.60
12	707.5	23095	10	1	49	Fig.61	Fig.62	Fig.63
12	707.5	23095	10	50	0	Fig.64	Fig.65	Fig.66
12	711	23130	10	1	49	Fig.67	Fig.68	Fig.69
12	711	23130	10	50	0	Fig.70	Fig.71	Fig.72

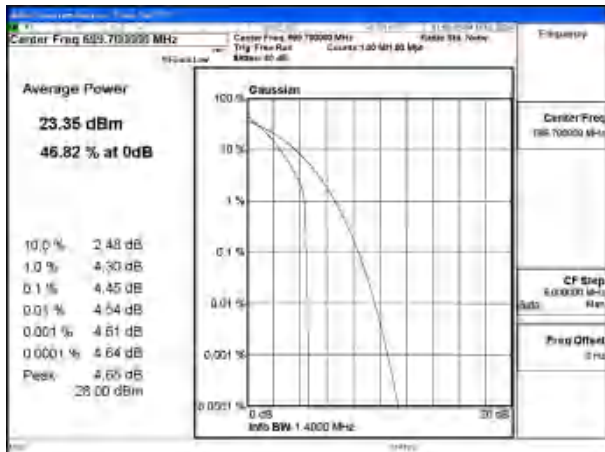


Fig.1

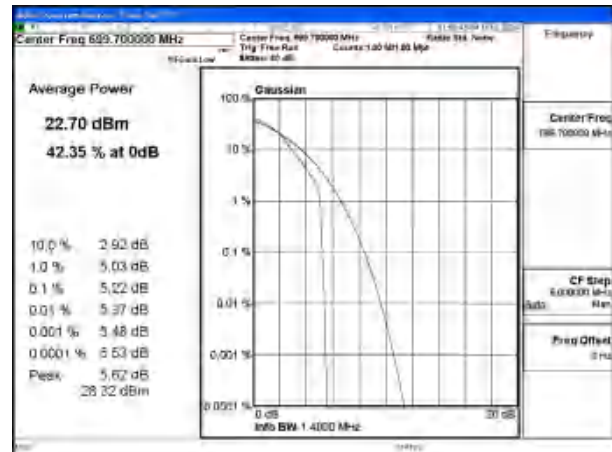


Fig.2

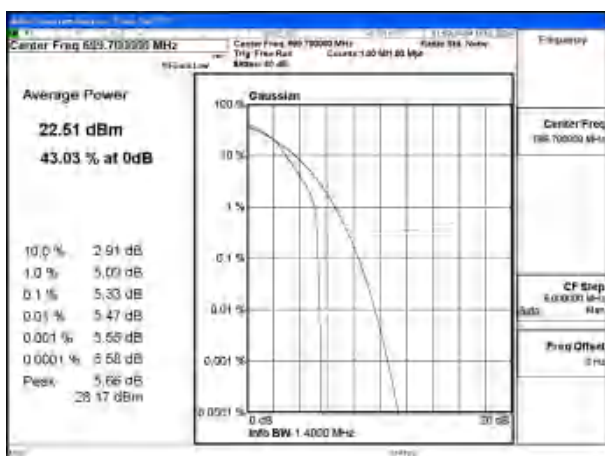


Fig.3

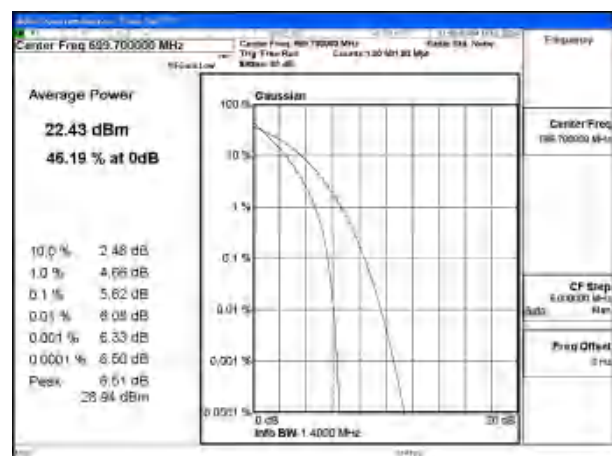


Fig.4

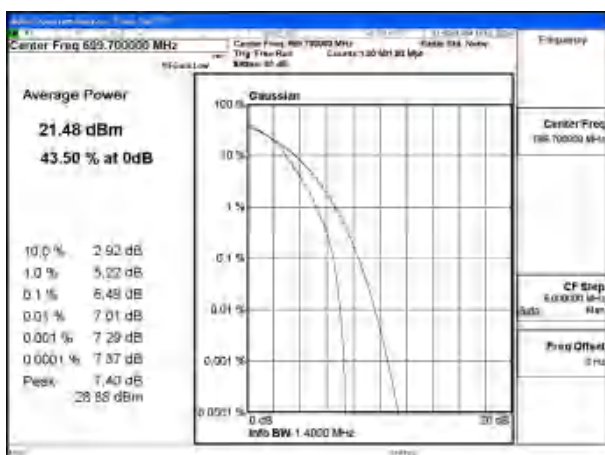


Fig.5

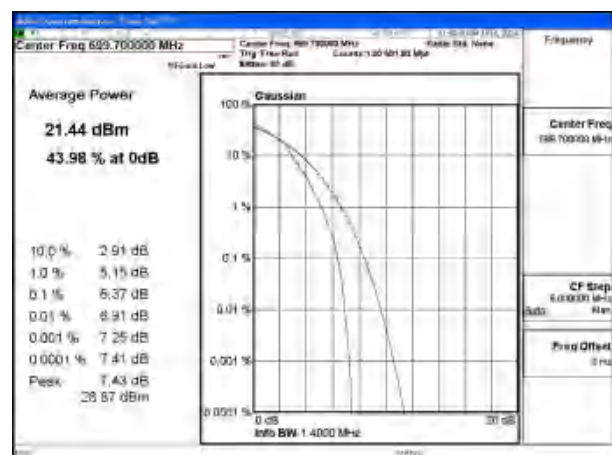


Fig.6

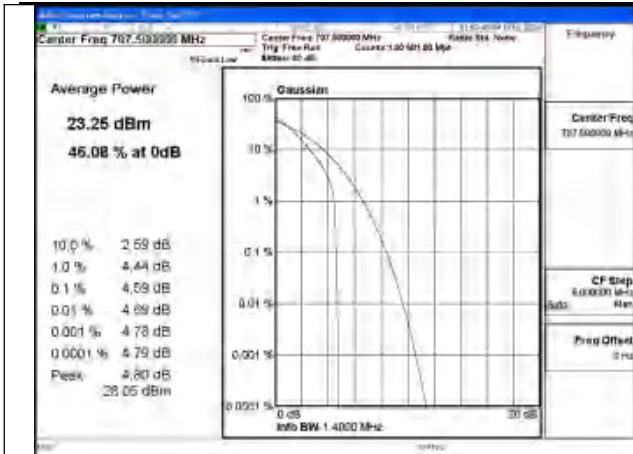


Fig.7

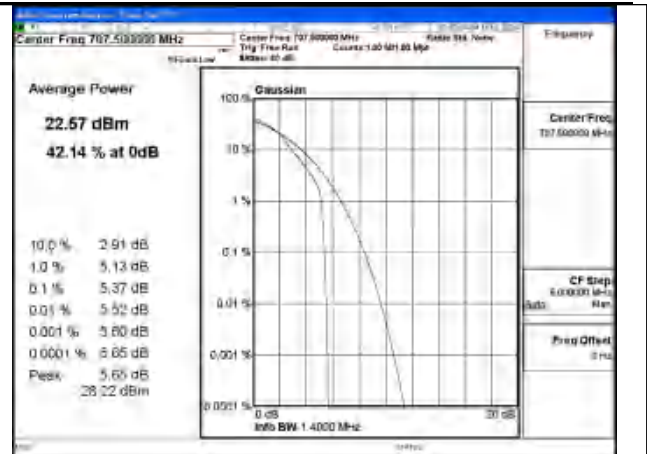


Fig.8

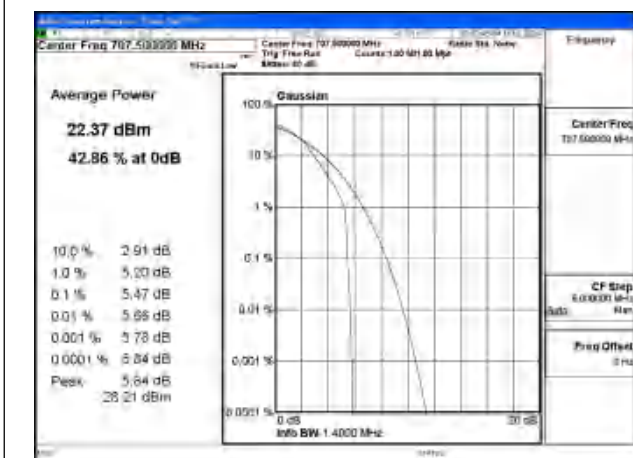


Fig.9

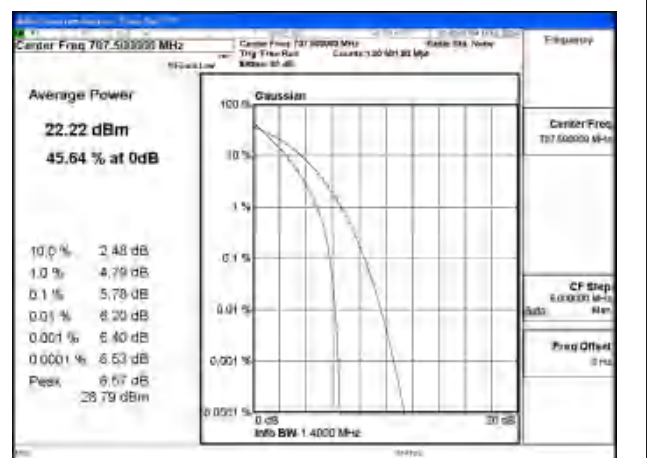


Fig.10

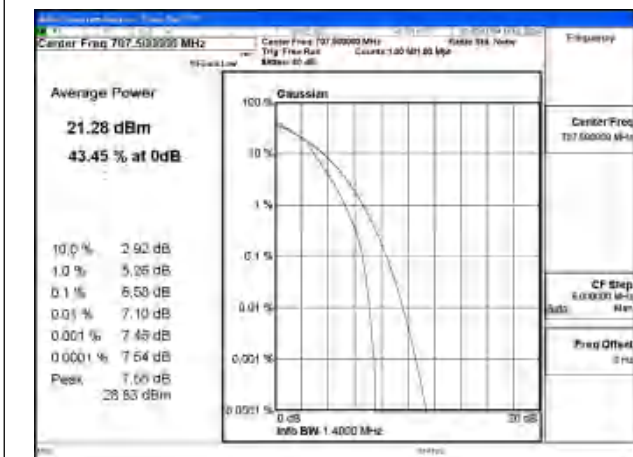


Fig.11

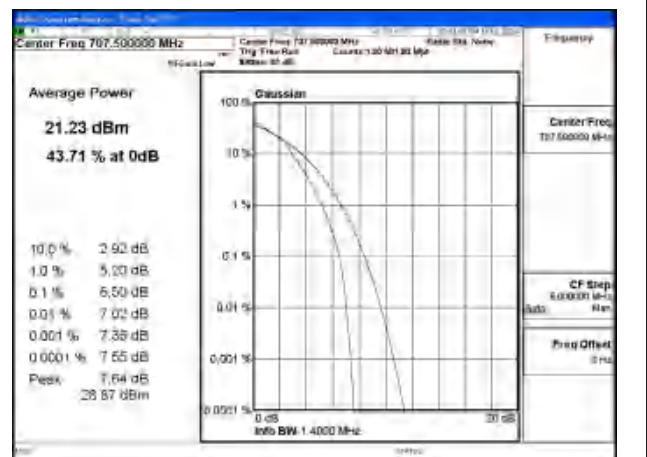


Fig.12

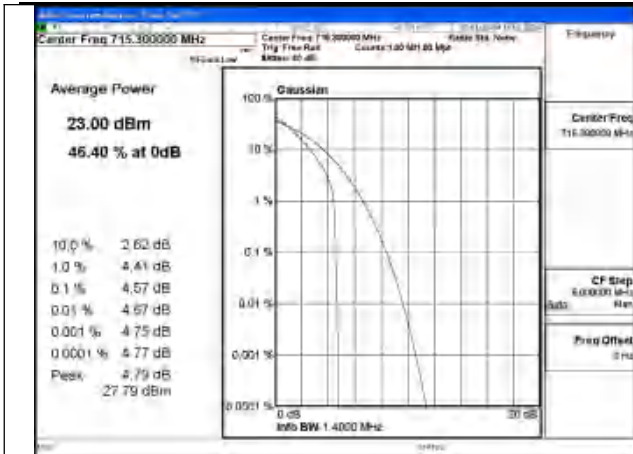


Fig.13

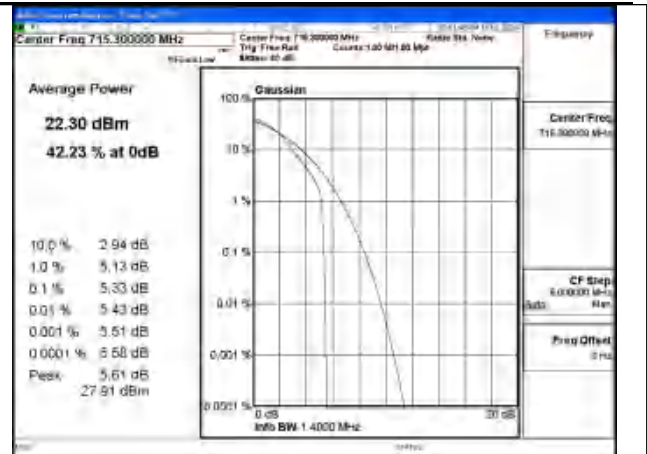


Fig.14

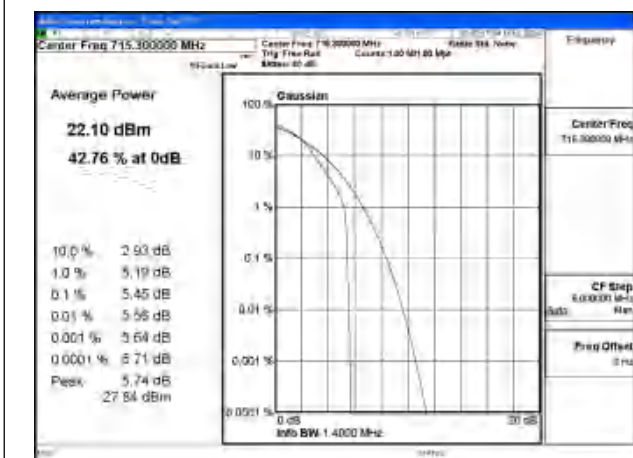


Fig.15

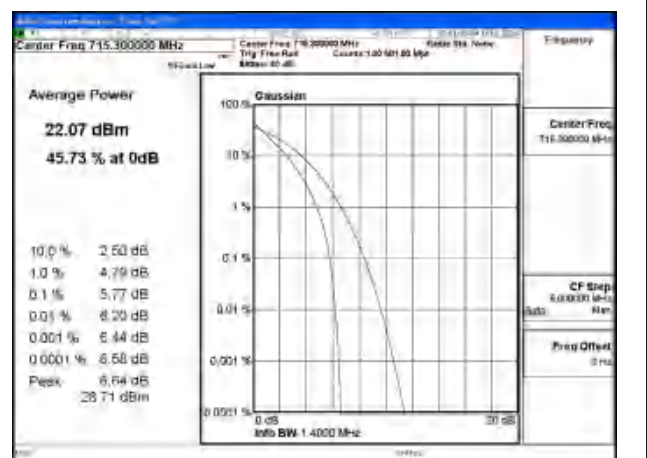


Fig.16

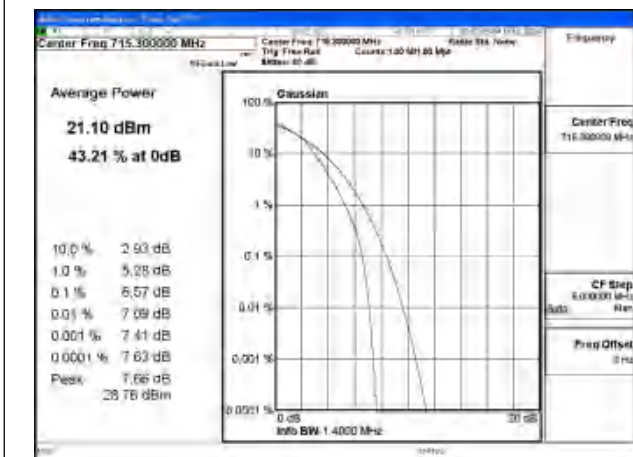


Fig.17

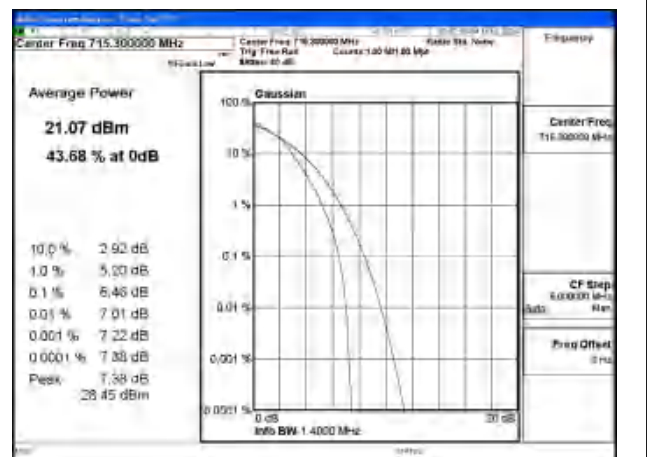


Fig.18

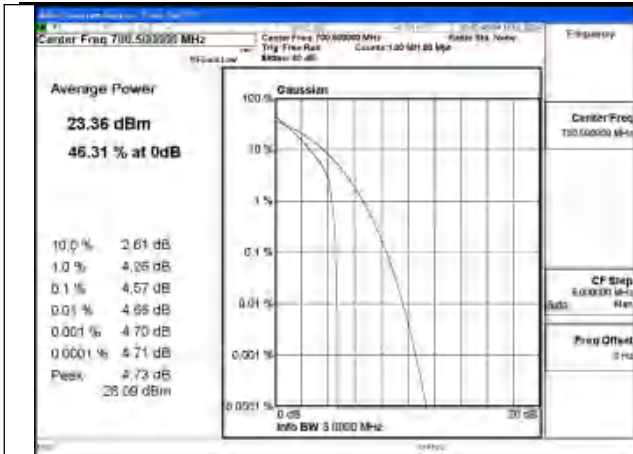


Fig.19

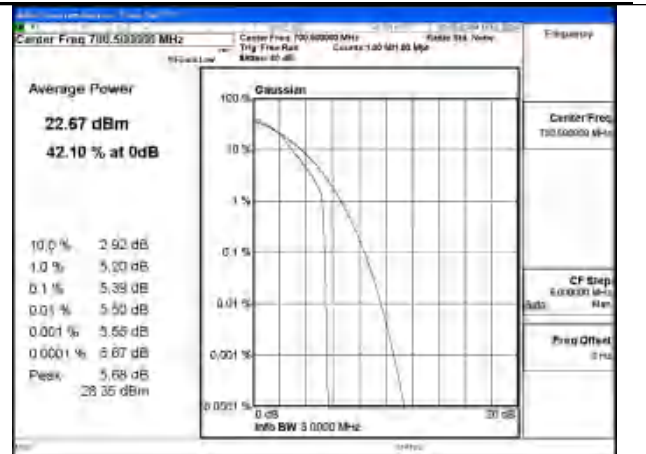


Fig.20

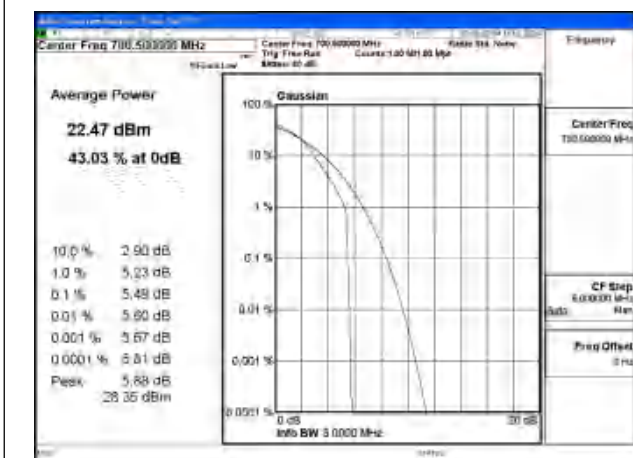


Fig.21

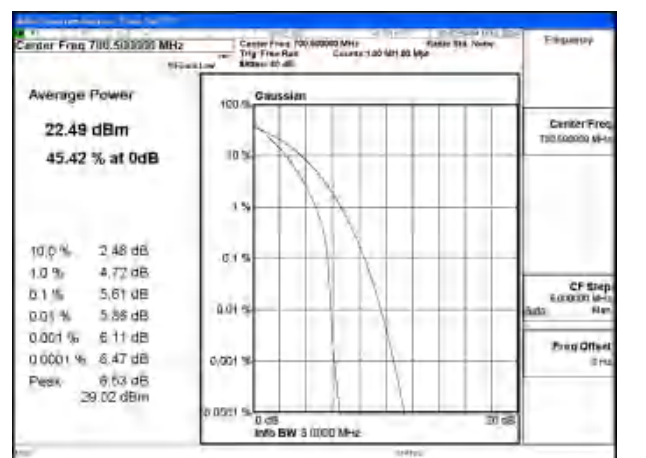


Fig.22

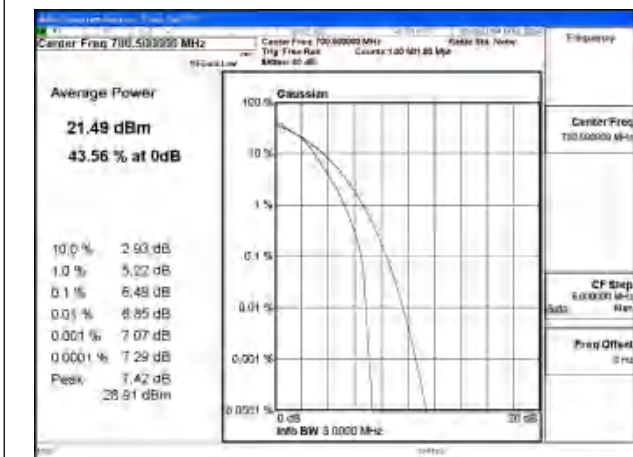


Fig.23

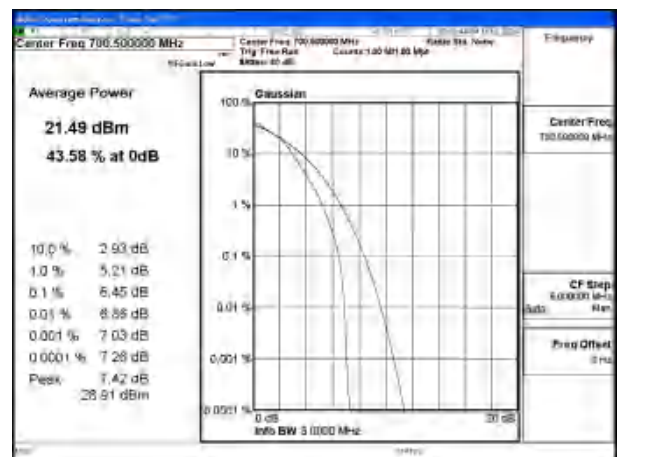


Fig.24

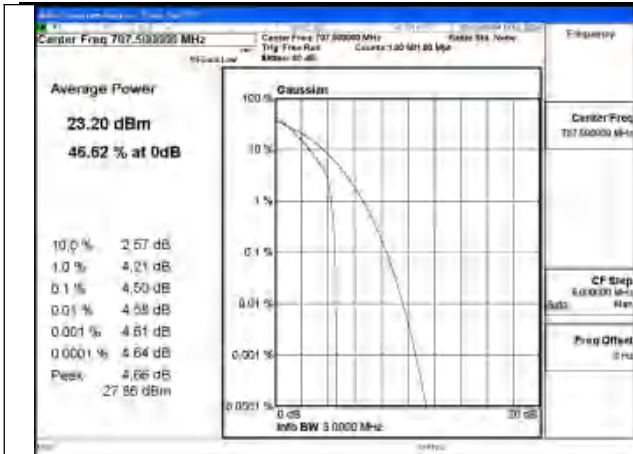


Fig.25

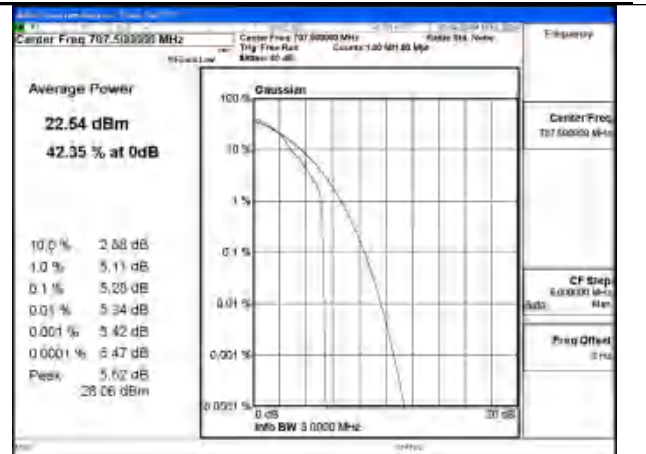


Fig.26

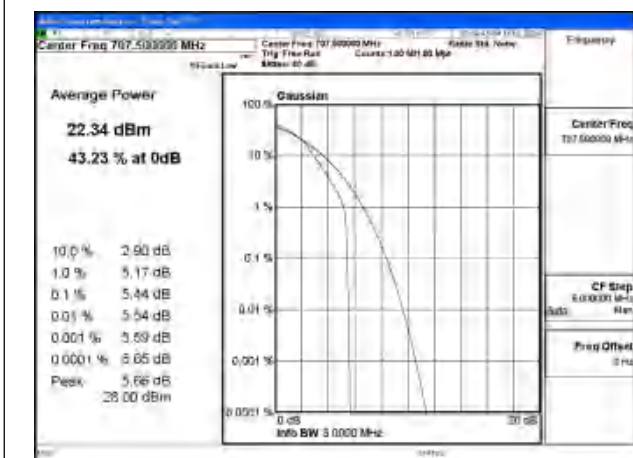


Fig.27

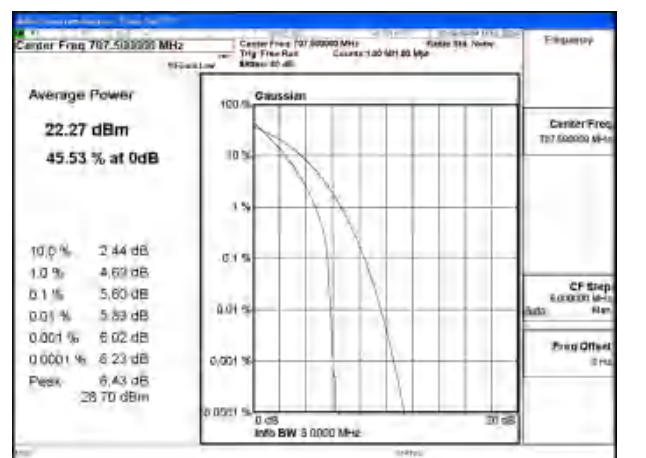


Fig.28

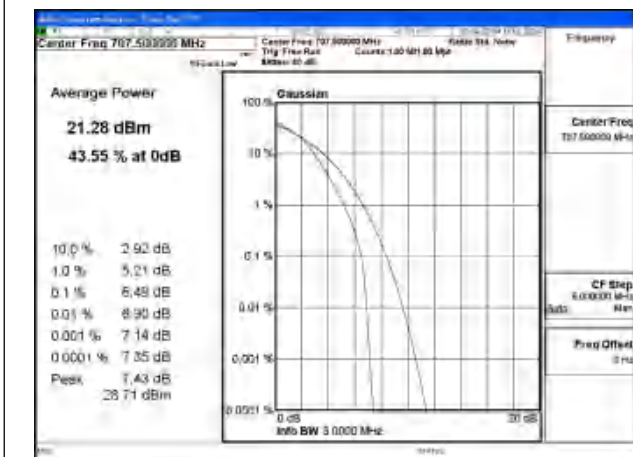


Fig.29

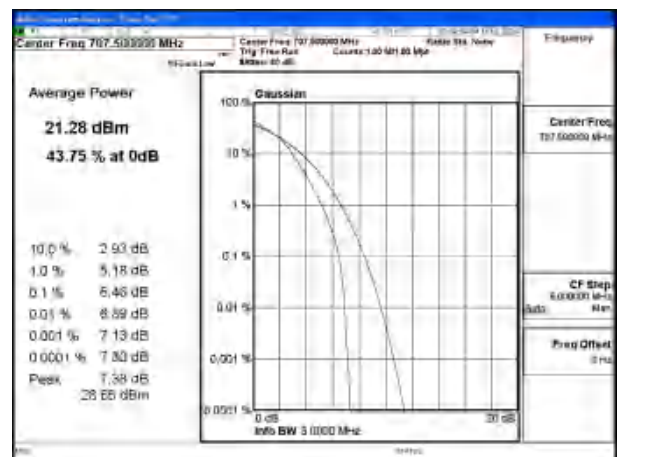


Fig.30

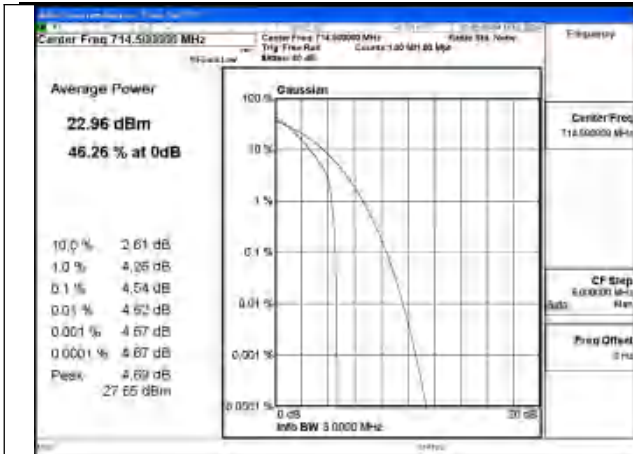


Fig.31

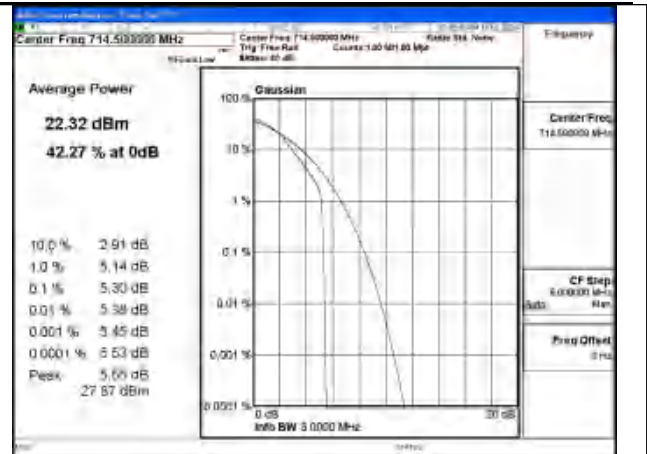


Fig.32

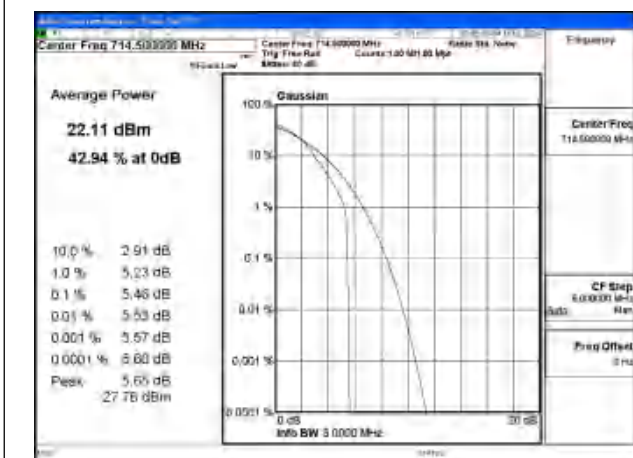


Fig.33

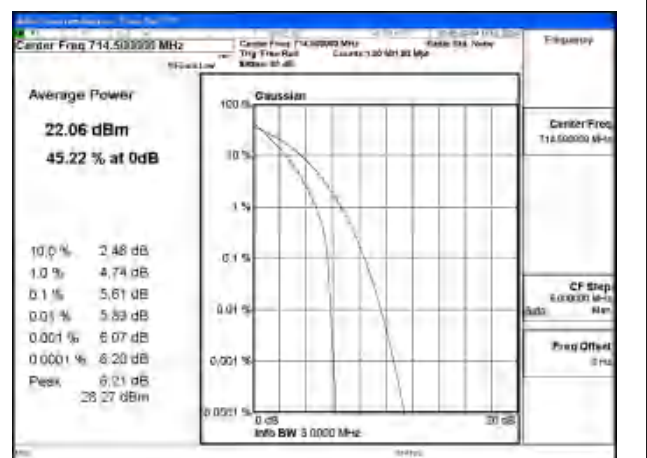


Fig.34

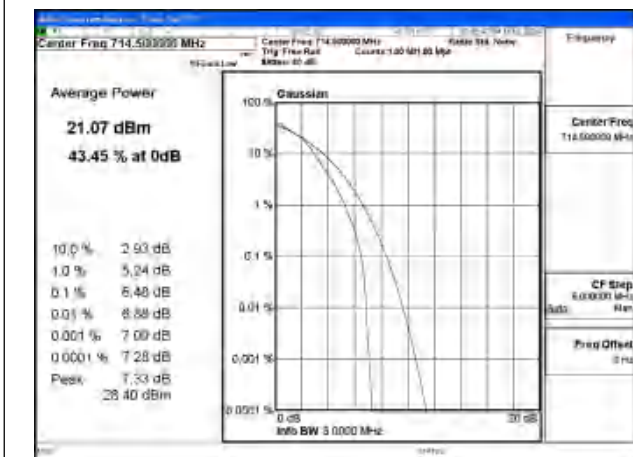


Fig.35

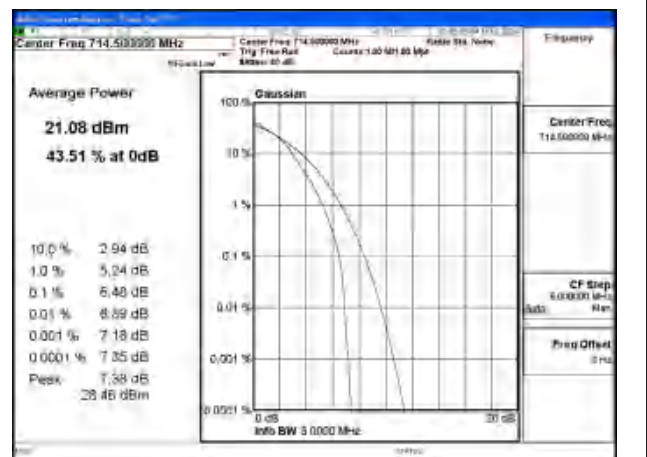


Fig.36

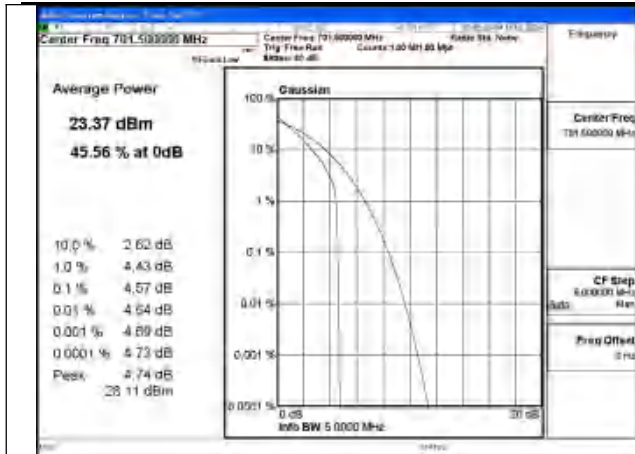


Fig.37

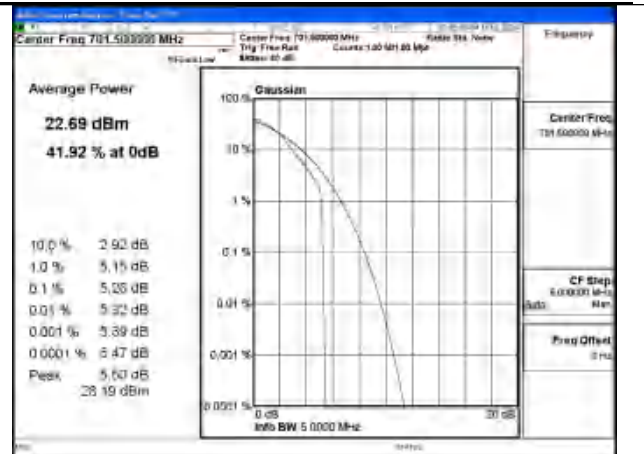


Fig.38

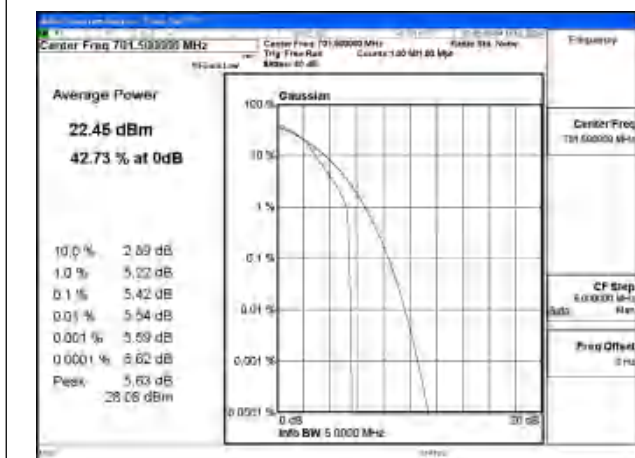


Fig.39

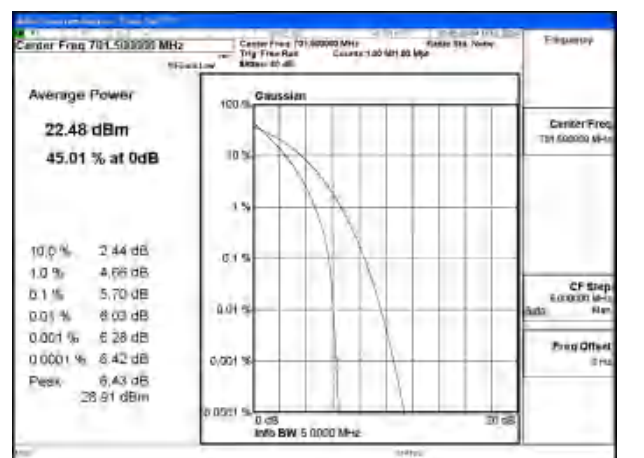


Fig.40

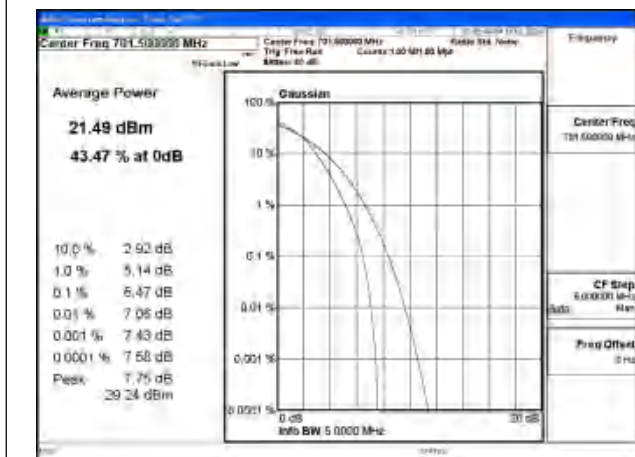


Fig.41

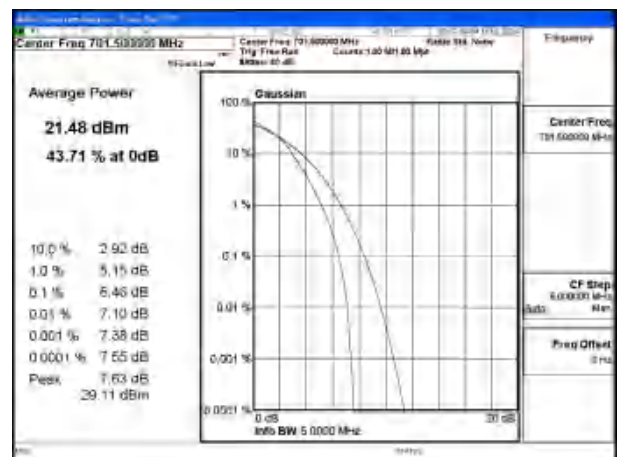


Fig.42

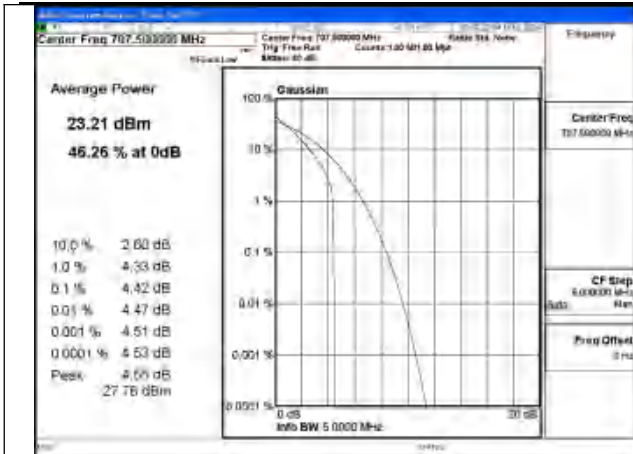


Fig.43

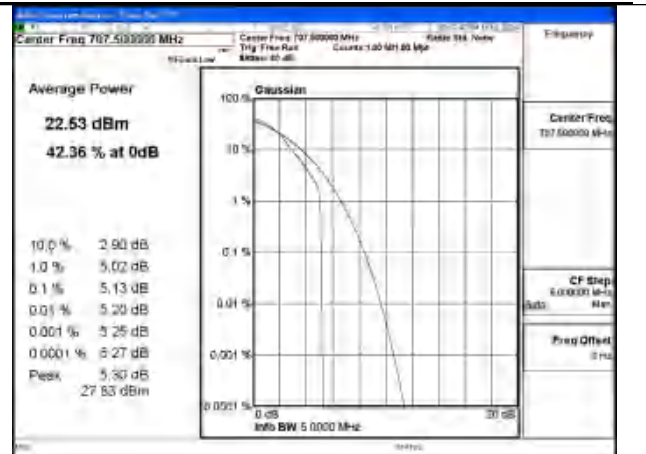


Fig.44

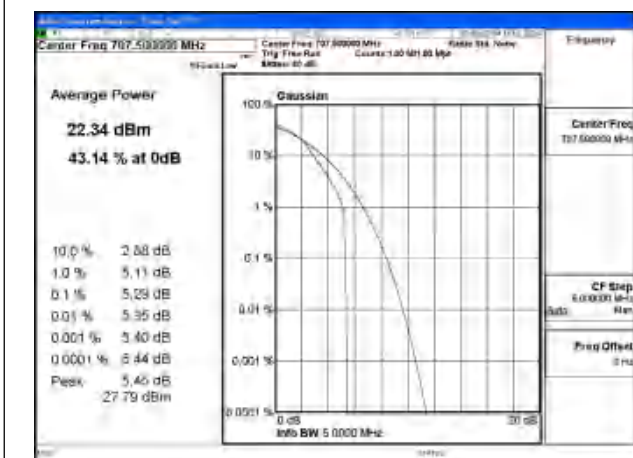


Fig.45

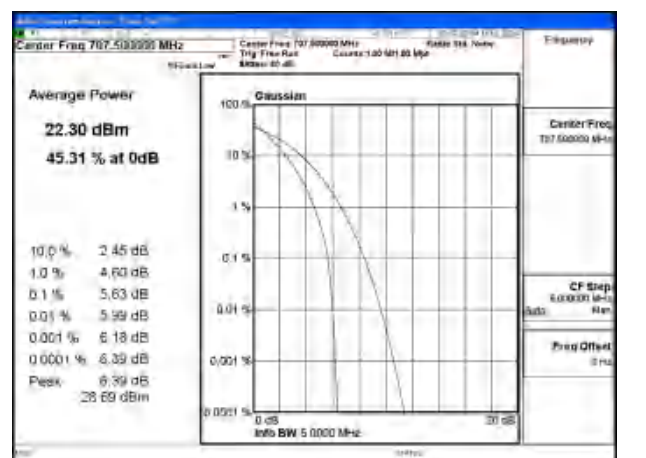


Fig.46

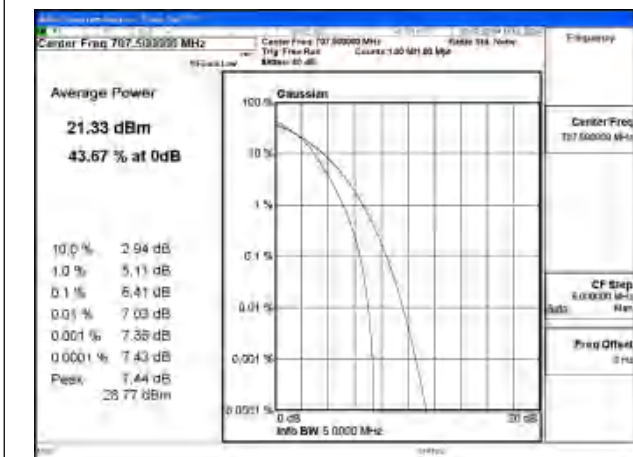


Fig.47

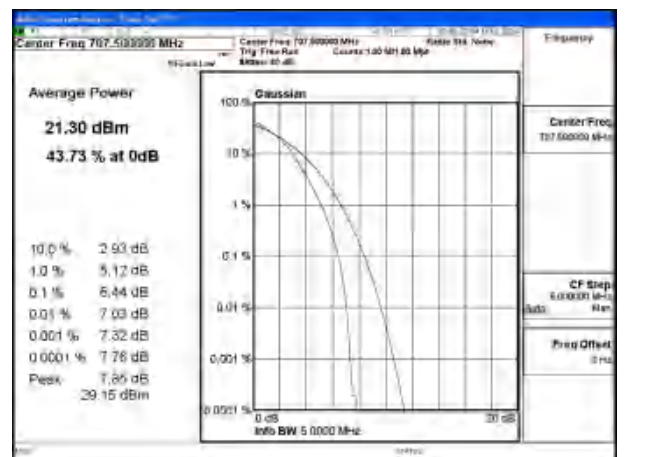


Fig.48

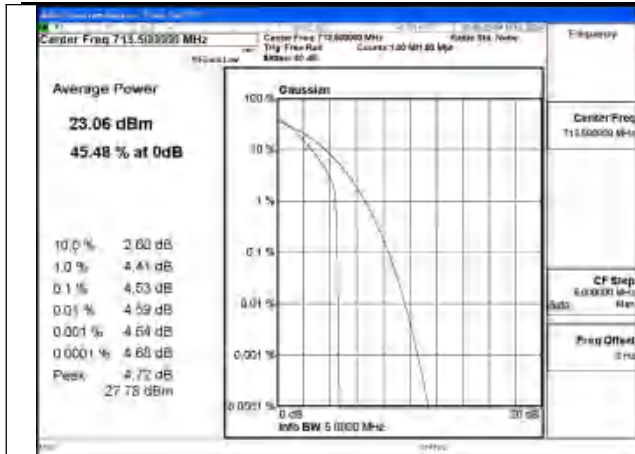


Fig.49

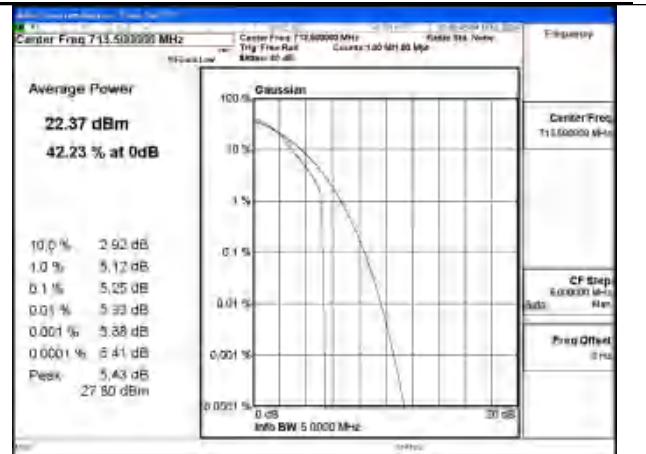


Fig.50

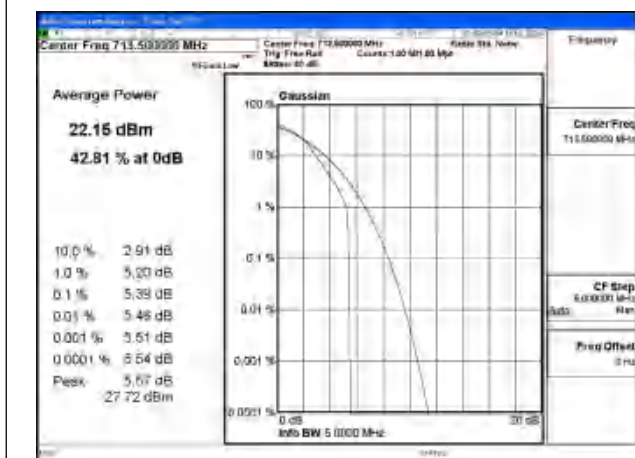


Fig.51

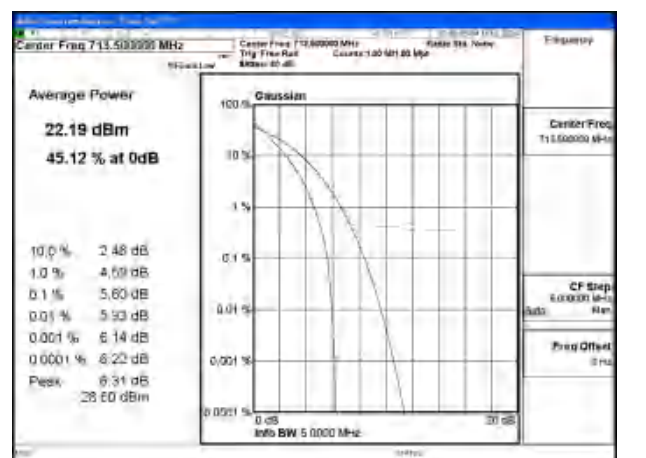


Fig.52

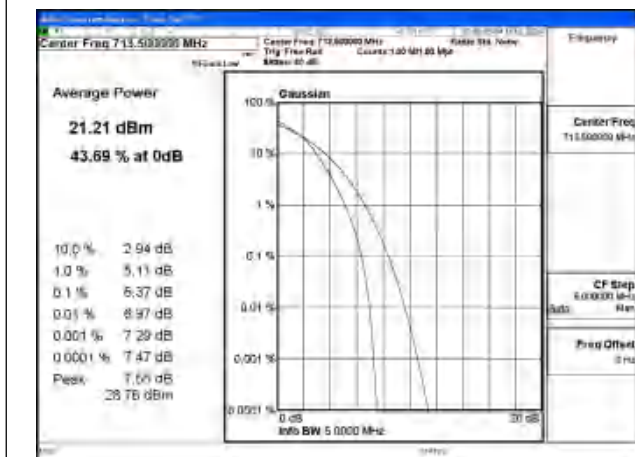


Fig.53

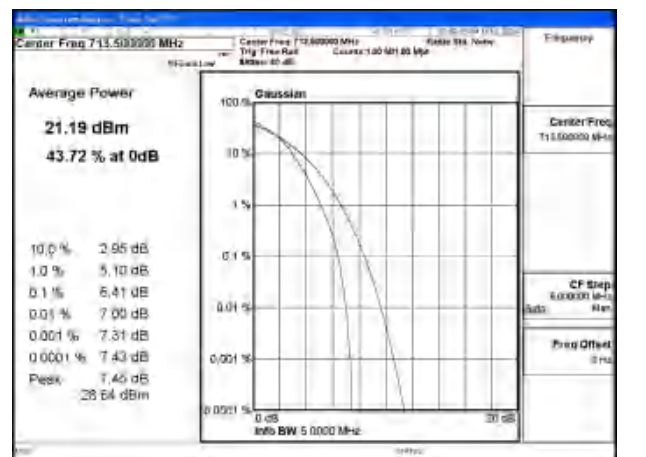


Fig.54

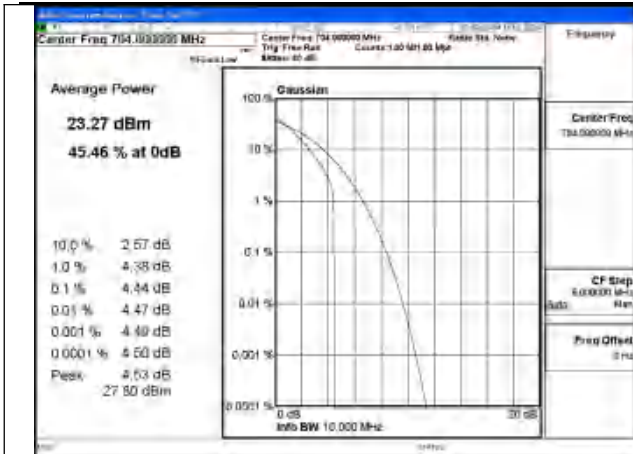


Fig.55

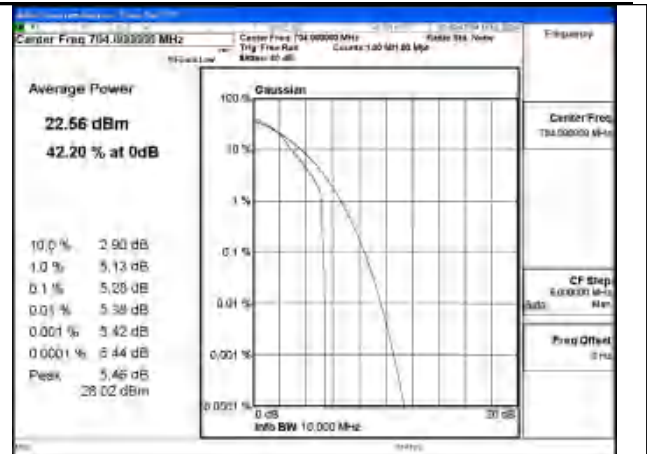


Fig.56

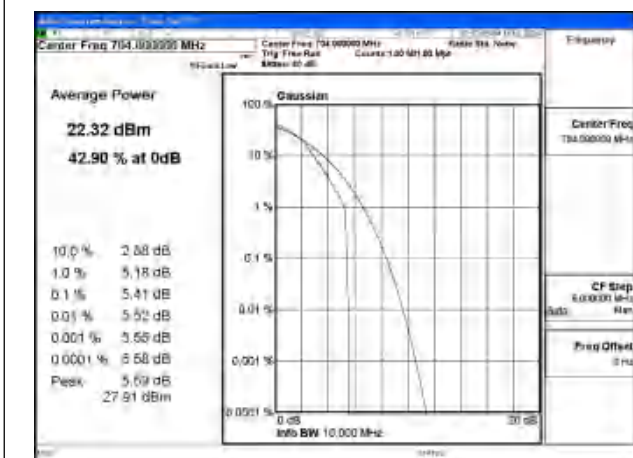


Fig.57

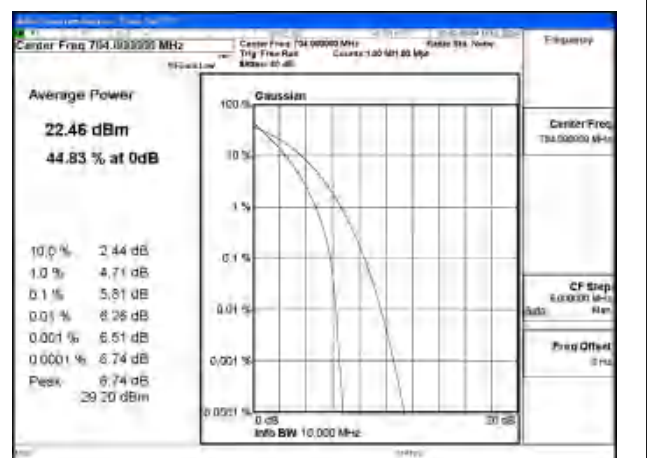


Fig.58

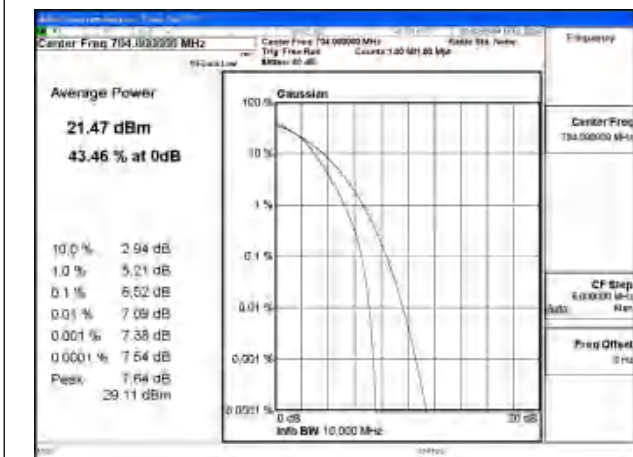


Fig.59

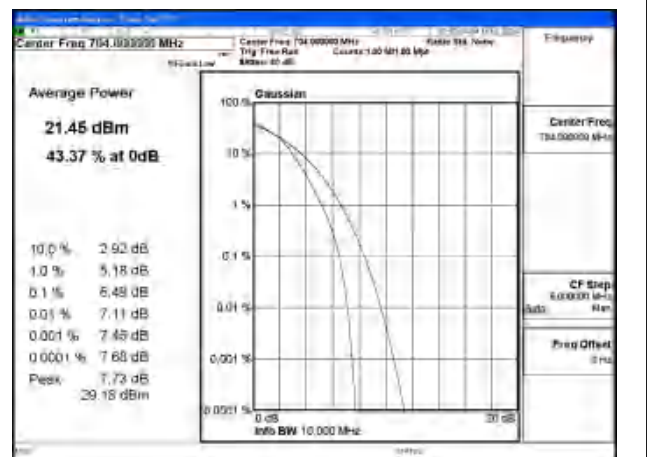


Fig.60

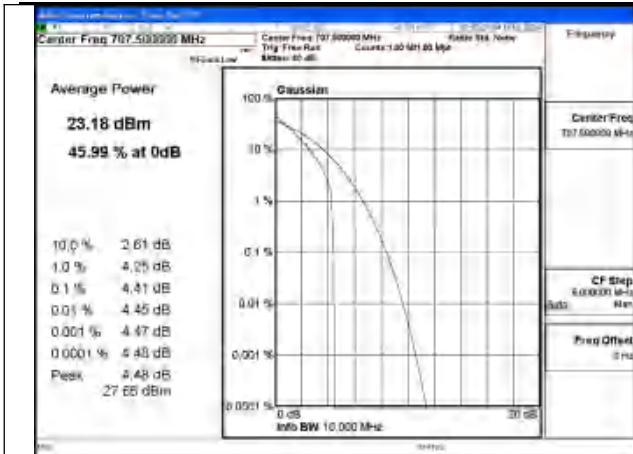


Fig.61

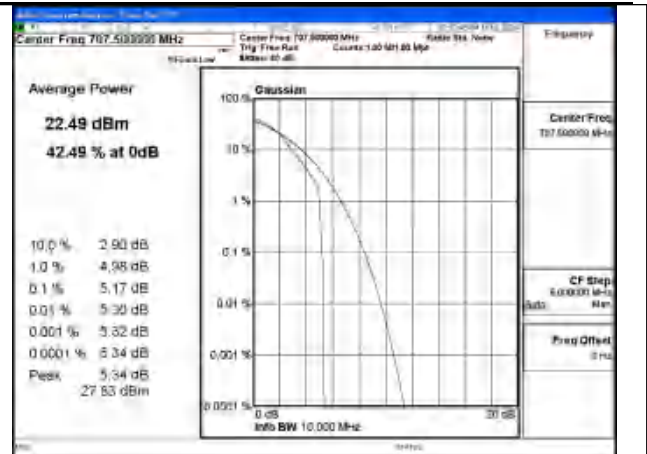


Fig.62

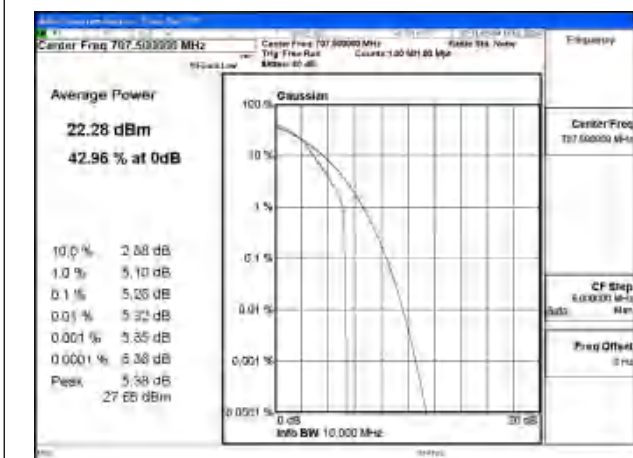


Fig.63

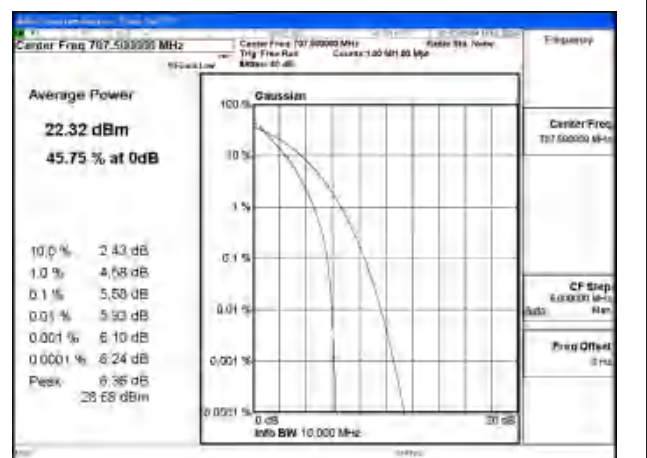


Fig.64

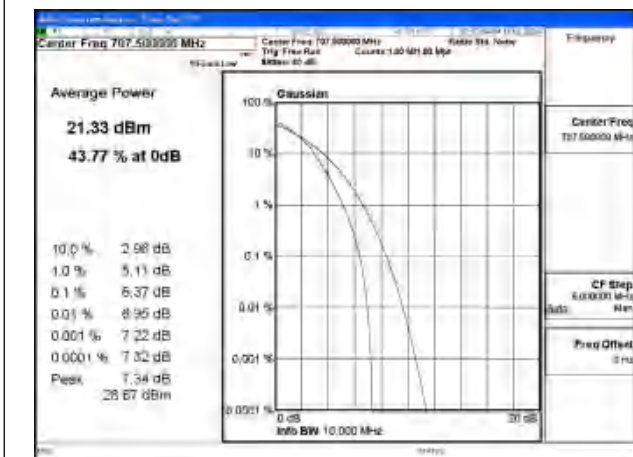


Fig.65

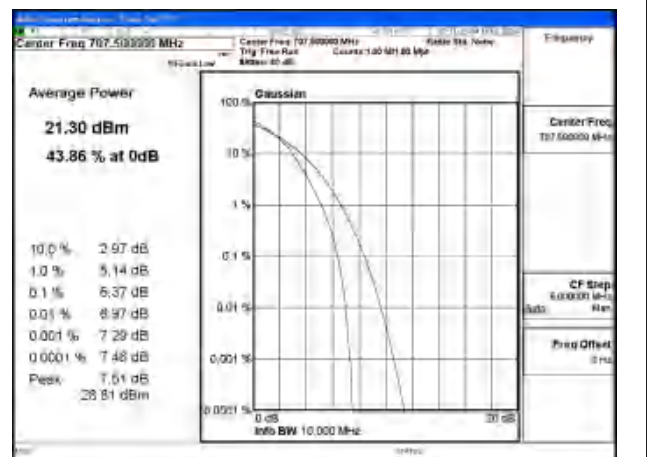


Fig.66

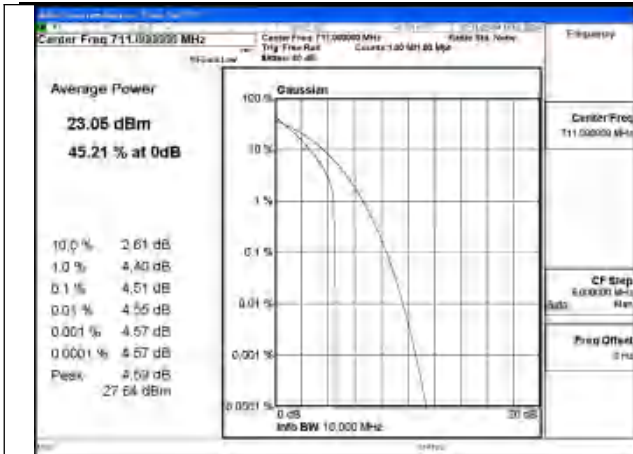


Fig.67

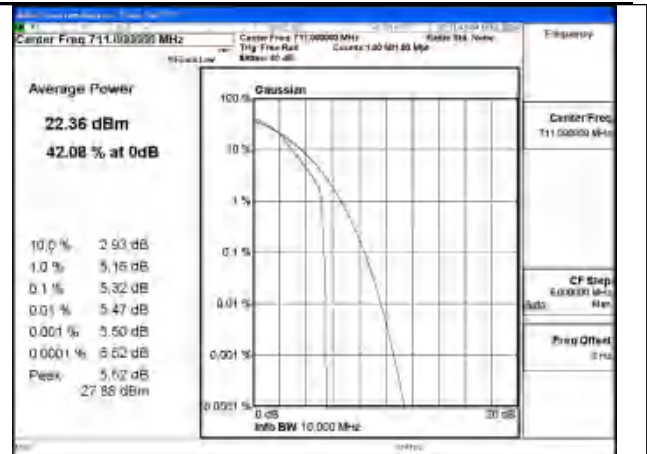


Fig.68

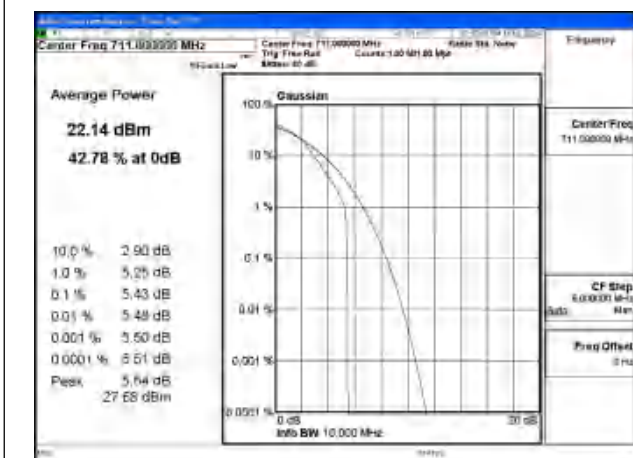


Fig.69

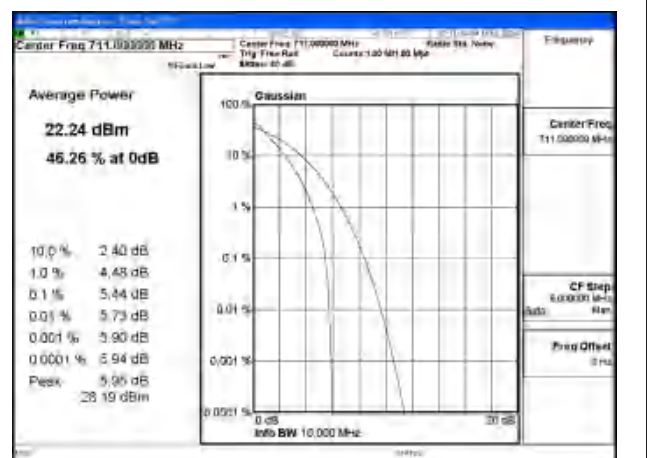


Fig.70

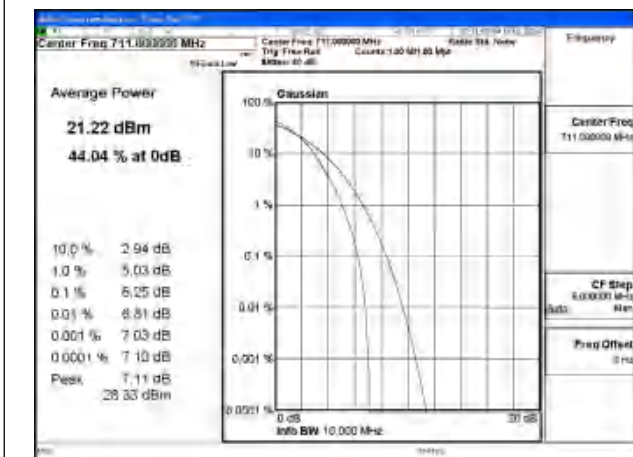


Fig.71

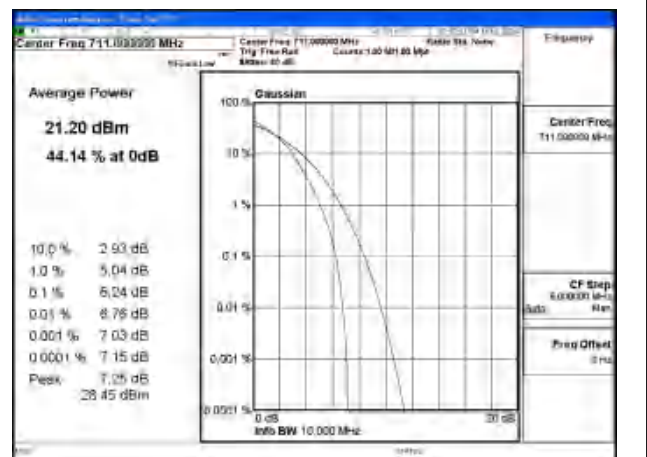


Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
12	704	23060	10	1	0	Fig.1
12	707.5	23095	10	1	0	Fig.2
12	711	23130	10	1	0	Fig.3



Fig.1



Fig.2



Fig.3



6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
12	QPSK	699.7	23017	1.4	1	0	Fig.1
12	QPSK	699.7	23017	1.4	6	0	Fig.2
12	QPSK	715.3	23173	1.4	1	5	Fig.3
12	QPSK	715.3	23173	1.4	6	0	Fig.4
12	QPSK	700.5	23025	3	1	0	Fig.5
12	QPSK	700.5	23025	3	15	0	Fig.6
12	QPSK	714.5	23165	3	1	14	Fig.7
12	QPSK	714.5	23165	3	15	0	Fig.8
12	QPSK	701.5	23035	5	1	0	Fig.9
12	QPSK	701.5	23035	5	25	0	Fig.10
12	QPSK	713.5	23155	5	1	24	Fig.11
12	QPSK	713.5	23155	5	25	0	Fig.12
12	QPSK	704	23060	10	1	0	Fig.13
12	QPSK	704	23060	10	50	0	Fig.14
12	QPSK	711	23130	10	1	49	Fig.15
12	QPSK	711	23130	10	50	0	Fig.16

Test Mode: QPSK



Fig.1

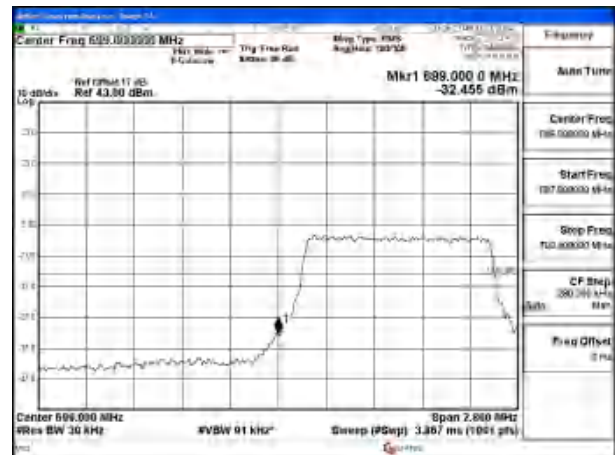


Fig.2

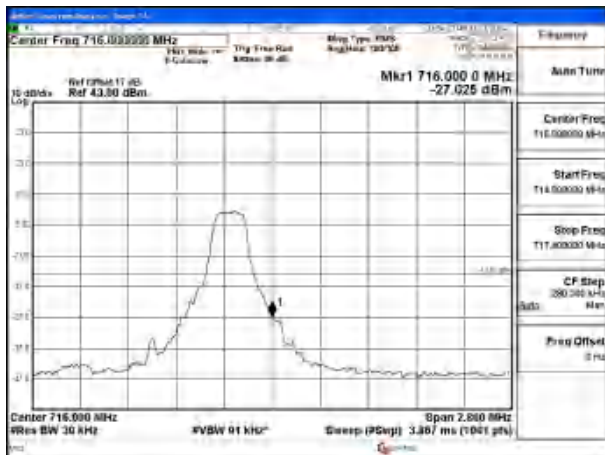


Fig.3

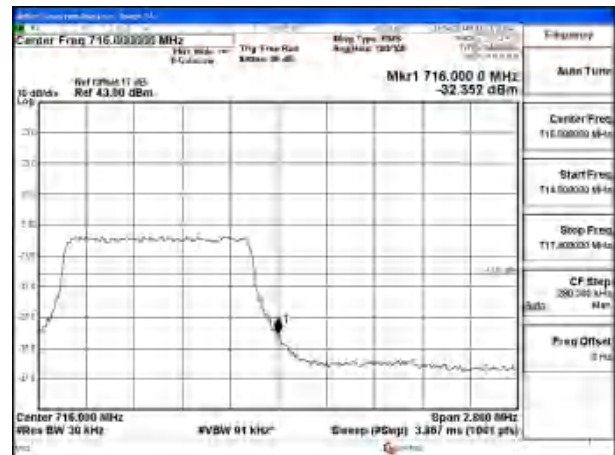


Fig.4

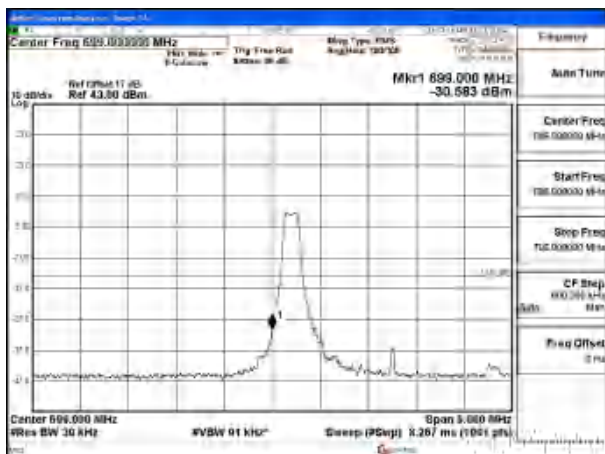


Fig.5

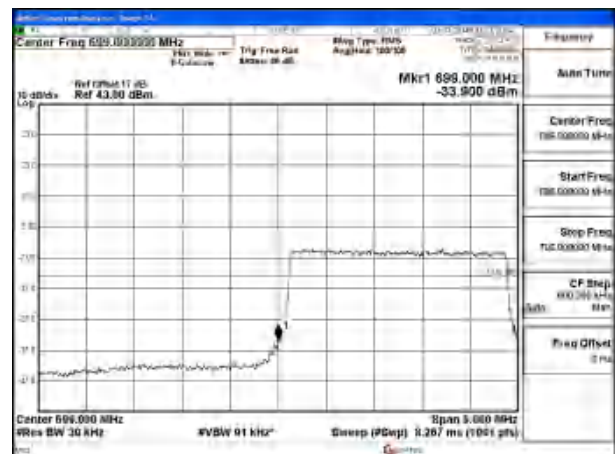


Fig.6

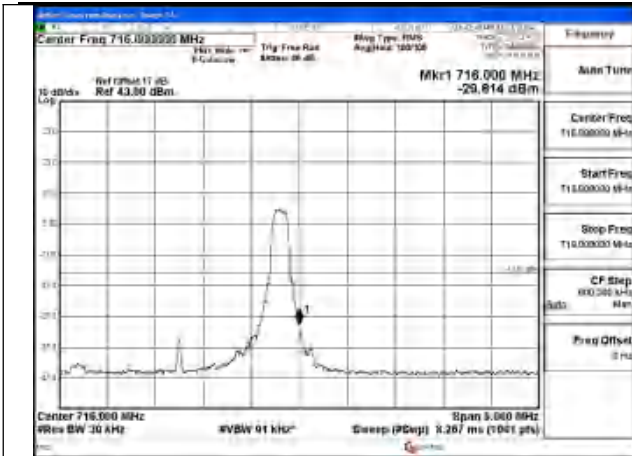


Fig.7



Fig.8

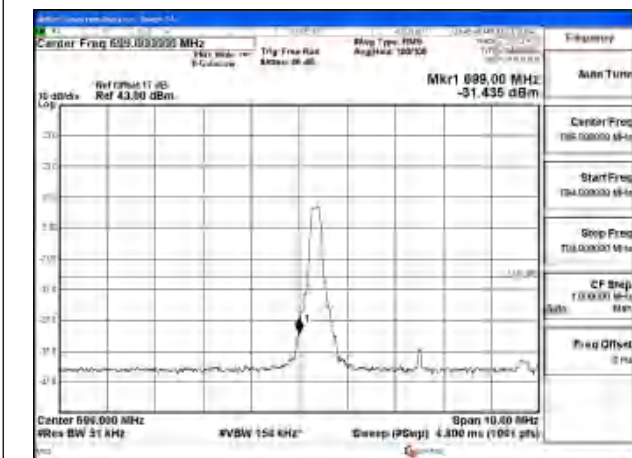


Fig.9

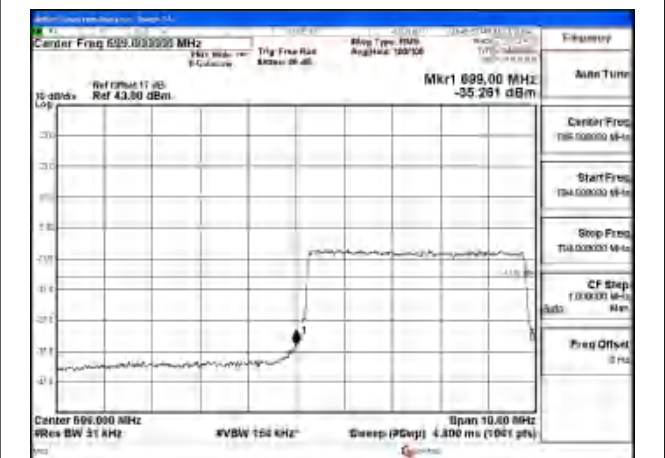


Fig.10

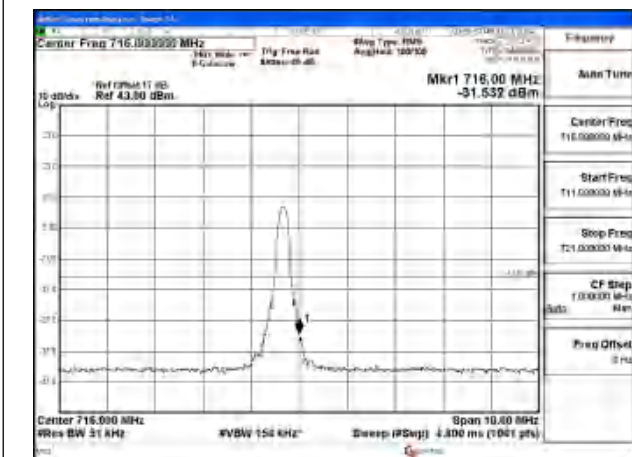


Fig.11



Fig.12

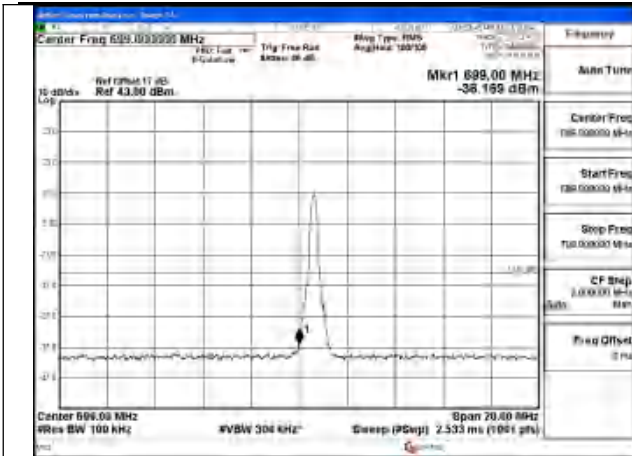


Fig.13



Fig.14

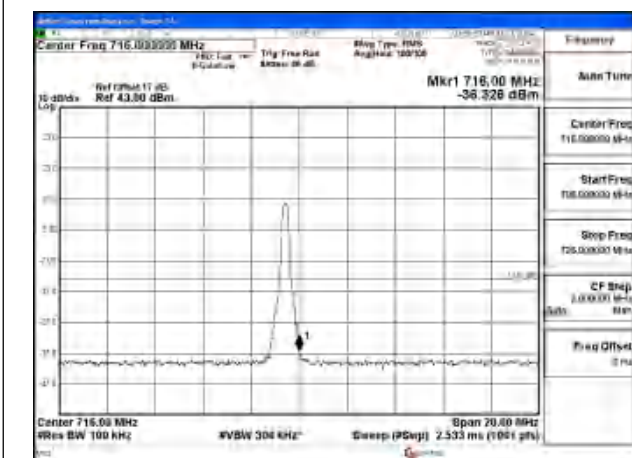


Fig.15



Fig.16



7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 12 Low Channel QPSK			
		1.4M	3M	5M	10M
-10	NV	-0.021	0.004	0.001	0.005
0	NV	0.018	-0.001	0.000	-0.008
+10	NV	-0.026	0.001	0.003	-0.007
+20	NV	0.014	0.005	-0.005	-0.008
+30	NV	0.012	-0.005	0.006	0.003
+40	NV	-0.018	0.002	0.002	0.006
+55	NV	-0.013	-0.006	0.004	-0.005
+20	LV	0.021	-0.005	-0.001	0.005
+20	HV	-0.023	-0.005	0.000	0.005

Temperature(°C)	Voltage	Test Result (ppm) Band 12 High Channel QPSK			
		1.4M	3M	5M	10M
-10	NV	0.016	0.003	-0.007	0.005
0	NV	0.010	0.010	-0.005	0.006
+10	NV	0.018	0.004	0.007	-0.005
+20	NV	-0.030	-0.004	0.005	0.006
+30	NV	-0.037	-0.006	0.004	-0.007
+40	NV	0.013	0.003	0.009	0.005
+55	NV	-0.016	-0.008	-0.004	0.006
+20	LV	0.019	-0.007	-0.007	-0.005
+20	HV	0.018	-0.006	0.004	0.006



8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	699.7	23017	1.4	1	0	22.95	14.80	0.030
QPSK	699.7	23017	1.4	1	3	23.12	14.97	0.031
QPSK	699.7	23017	1.4	1	5	23.04	14.89	0.031
QPSK	699.7	23017	1.4	3	0	23.12	14.97	0.031
QPSK	699.7	23017	1.4	3	1	23.20	15.05	0.032
QPSK	699.7	23017	1.4	3	3	23.14	14.99	0.032
QPSK	699.7	23017	1.4	6	0	22.25	14.10	0.026
QPSK	707.5	23095	1.4	1	0	23.06	14.91	0.031
QPSK	707.5	23095	1.4	1	3	23.07	14.92	0.031
QPSK	707.5	23095	1.4	1	5	23.15	15.00	0.032
QPSK	707.5	23095	1.4	3	0	23.13	14.98	0.031
QPSK	707.5	23095	1.4	3	1	23.13	14.98	0.031
QPSK	707.5	23095	1.4	3	3	23.20	15.05	0.032
QPSK	707.5	23095	1.4	6	0	21.93	13.78	0.024
QPSK	715.3	23173	1.4	1	0	23.14	14.99	0.032
QPSK	715.3	23173	1.4	1	3	23.10	14.95	0.031
QPSK	715.3	23173	1.4	1	5	23.25	15.10	0.032
QPSK	715.3	23173	1.4	3	0	23.27	15.12	0.033
QPSK	715.3	23173	1.4	3	1	23.35	15.20	0.033
QPSK	715.3	23173	1.4	3	3	23.19	15.04	0.032
QPSK	715.3	23173	1.4	6	0	22.27	14.12	0.026



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	699.7	23017	1.4	1	0	22.67	14.52	0.028
16QAM	699.7	23017	1.4	1	3	22.50	14.35	0.027
16QAM	699.7	23017	1.4	1	5	22.39	14.24	0.027
16QAM	699.7	23017	1.4	3	0	22.23	14.08	0.026
16QAM	699.7	23017	1.4	3	1	22.31	14.16	0.026
16QAM	699.7	23017	1.4	3	3	22.35	14.20	0.026
16QAM	699.7	23017	1.4	6	0	21.31	13.16	0.021
16QAM	707.5	23095	1.4	1	0	22.45	14.30	0.027
16QAM	707.5	23095	1.4	1	3	22.26	14.11	0.026
16QAM	707.5	23095	1.4	1	5	22.13	13.98	0.025
16QAM	707.5	23095	1.4	3	0	22.23	14.08	0.026
16QAM	707.5	23095	1.4	3	1	22.11	13.96	0.025
16QAM	707.5	23095	1.4	3	3	22.20	14.05	0.025
16QAM	707.5	23095	1.4	6	0	21.07	12.92	0.020
16QAM	715.3	23173	1.4	1	0	22.94	14.79	0.030
16QAM	715.3	23173	1.4	1	3	22.34	14.19	0.026
16QAM	715.3	23173	1.4	1	5	22.62	14.47	0.028
16QAM	715.3	23173	1.4	3	0	22.50	14.35	0.027
16QAM	715.3	23173	1.4	3	1	22.36	14.21	0.026
16QAM	715.3	23173	1.4	3	3	22.24	14.09	0.026
16QAM	715.3	23173	1.4	6	0	21.41	13.26	0.021
64QAM	699.7	23017	1.4	1	0	22.14	13.99	0.025
64QAM	699.7	23017	1.4	1	3	22.49	14.34	0.027
64QAM	699.7	23017	1.4	1	5	22.09	13.94	0.025
64QAM	699.7	23017	1.4	3	0	22.29	14.14	0.026
64QAM	699.7	23017	1.4	3	1	22.38	14.23	0.026
64QAM	699.7	23017	1.4	3	3	22.02	13.87	0.024
64QAM	699.7	23017	1.4	6	0	21.27	13.12	0.021
64QAM	707.5	23095	1.4	1	0	22.22	14.07	0.026
64QAM	707.5	23095	1.4	1	3	22.01	13.86	0.024
64QAM	707.5	23095	1.4	1	5	21.94	13.79	0.024
64QAM	707.5	23095	1.4	3	0	22.14	13.99	0.025
64QAM	707.5	23095	1.4	3	1	22.14	13.99	0.025
64QAM	707.5	23095	1.4	3	3	22.13	13.98	0.025
64QAM	707.5	23095	1.4	6	0	21.22	13.07	0.020
64QAM	715.3	23173	1.4	1	0	21.92	13.77	0.024
64QAM	715.3	23173	1.4	1	3	22.24	14.09	0.026
64QAM	715.3	23173	1.4	1	5	22.63	14.48	0.028
64QAM	715.3	23173	1.4	3	0	22.39	14.24	0.027
64QAM	715.3	23173	1.4	3	1	22.42	14.27	0.027
64QAM	715.3	23173	1.4	3	3	22.38	14.23	0.026
64QAM	715.3	23173	1.4	6	0	21.32	13.17	0.021



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	700.5	23025	3	1	0	23.09	14.94	0.031
QPSK	700.5	23025	3	1	8	23.28	15.13	0.033
QPSK	700.5	23025	3	1	14	23.08	14.93	0.031
QPSK	700.5	23025	3	8	0	22.23	14.08	0.026
QPSK	700.5	23025	3	8	4	22.30	14.15	0.026
QPSK	700.5	23025	3	8	7	22.18	14.03	0.025
QPSK	700.5	23025	3	15	0	22.25	14.10	0.026
QPSK	707.5	23095	3	1	0	23.10	14.95	0.031
QPSK	707.5	23095	3	1	8	23.04	14.89	0.031
QPSK	707.5	23095	3	1	14	23.10	14.95	0.031
QPSK	707.5	23095	3	8	0	22.14	13.99	0.025
QPSK	707.5	23095	3	8	4	22.13	13.98	0.025
QPSK	707.5	23095	3	8	7	22.07	13.92	0.025
QPSK	707.5	23095	3	15	0	22.08	13.93	0.025
QPSK	714.5	23165	3	1	0	23.29	15.14	0.033
QPSK	714.5	23165	3	1	8	23.21	15.06	0.032
QPSK	714.5	23165	3	1	14	23.18	15.03	0.032
QPSK	714.5	23165	3	8	0	22.19	14.04	0.025
QPSK	714.5	23165	3	8	4	22.33	14.18	0.026
QPSK	714.5	23165	3	8	7	22.25	14.10	0.026
QPSK	714.5	23165	3	15	0	22.22	14.07	0.026



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	700.5	23025	3	1	0	22.63	14.48	0.028
16QAM	700.5	23025	3	1	8	22.28	14.13	0.026
16QAM	700.5	23025	3	1	14	22.03	13.88	0.024
16QAM	700.5	23025	3	8	0	21.27	13.12	0.021
16QAM	700.5	23025	3	8	4	21.23	13.08	0.020
16QAM	700.5	23025	3	8	7	21.13	12.98	0.020
16QAM	700.5	23025	3	15	0	21.16	13.01	0.020
16QAM	707.5	23095	3	1	0	21.98	13.83	0.024
16QAM	707.5	23095	3	1	8	22.45	14.30	0.027
16QAM	707.5	23095	3	1	14	22.47	14.32	0.027
16QAM	707.5	23095	3	8	0	20.93	12.78	0.019
16QAM	707.5	23095	3	8	4	21.30	13.15	0.021
16QAM	707.5	23095	3	8	7	21.22	13.07	0.020
16QAM	707.5	23095	3	15	0	21.09	12.94	0.020
16QAM	714.5	23165	3	1	0	22.59	14.44	0.028
16QAM	714.5	23165	3	1	8	22.82	14.67	0.029
16QAM	714.5	23165	3	1	14	22.44	14.29	0.027
16QAM	714.5	23165	3	8	0	21.39	13.24	0.021
16QAM	714.5	23165	3	8	4	21.27	13.12	0.021
16QAM	714.5	23165	3	8	7	21.25	13.10	0.020
16QAM	714.5	23165	3	15	0	21.33	13.18	0.021
64QAM	700.5	23025	3	1	0	22.07	13.92	0.025
64QAM	700.5	23025	3	1	8	22.55	14.40	0.028
64QAM	700.5	23025	3	1	14	21.81	13.66	0.023
64QAM	700.5	23025	3	8	0	21.27	13.12	0.021
64QAM	700.5	23025	3	8	4	21.10	12.95	0.020
64QAM	700.5	23025	3	8	7	21.17	13.02	0.020
64QAM	700.5	23025	3	15	0	21.24	13.09	0.020
64QAM	707.5	23095	3	1	0	22.02	13.87	0.024
64QAM	707.5	23095	3	1	8	22.16	14.01	0.025
64QAM	707.5	23095	3	1	14	22.02	13.87	0.024
64QAM	707.5	23095	3	8	0	21.16	13.01	0.020
64QAM	707.5	23095	3	8	4	21.12	12.97	0.020
64QAM	707.5	23095	3	8	7	21.28	13.13	0.021
64QAM	707.5	23095	3	15	0	21.00	12.85	0.019
64QAM	714.5	23165	3	1	0	22.27	14.12	0.026
64QAM	714.5	23165	3	1	8	22.25	14.10	0.026
64QAM	714.5	23165	3	1	14	22.21	14.06	0.025
64QAM	714.5	23165	3	8	0	21.15	13.00	0.020
64QAM	714.5	23165	3	8	4	21.45	13.30	0.021
64QAM	714.5	23165	3	8	7	21.33	13.18	0.021
64QAM	714.5	23165	3	15	0	21.23	13.08	0.020



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	701.5	23035	5	1	0	23.14	14.99	0.032
QPSK	701.5	23035	5	1	12	23.27	15.12	0.033
QPSK	701.5	23035	5	1	24	23.03	14.88	0.031
QPSK	701.5	23035	5	12	0	22.15	14.00	0.025
QPSK	701.5	23035	5	12	7	22.22	14.07	0.026
QPSK	701.5	23035	5	12	13	22.11	13.96	0.025
QPSK	701.5	23035	5	25	0	22.14	13.99	0.025
QPSK	707.5	23095	5	1	0	23.09	14.94	0.031
QPSK	707.5	23095	5	1	12	23.03	14.88	0.031
QPSK	707.5	23095	5	1	24	22.97	14.82	0.030
QPSK	707.5	23095	5	12	0	22.04	13.89	0.024
QPSK	707.5	23095	5	12	7	22.18	14.03	0.025
QPSK	707.5	23095	5	12	13	22.10	13.95	0.025
QPSK	707.5	23095	5	25	0	21.98	13.83	0.024
QPSK	713.5	23155	5	1	0	23.08	14.93	0.031
QPSK	713.5	23155	5	1	12	22.96	14.81	0.030
QPSK	713.5	23155	5	1	24	23.12	14.97	0.031
QPSK	713.5	23155	5	12	0	22.07	13.92	0.025
QPSK	713.5	23155	5	12	7	22.31	14.16	0.026
QPSK	713.5	23155	5	12	13	22.27	14.12	0.026
QPSK	713.5	23155	5	25	0	22.19	14.04	0.025



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	701.5	23035	5	1	0	22.06	13.91	0.025
16QAM	701.5	23035	5	1	12	22.52	14.37	0.027
16QAM	701.5	23035	5	1	24	22.08	13.93	0.025
16QAM	701.5	23035	5	12	0	21.15	13.00	0.020
16QAM	701.5	23035	5	12	7	21.12	12.97	0.020
16QAM	701.5	23035	5	12	13	21.14	12.99	0.020
16QAM	701.5	23035	5	25	0	21.24	13.09	0.020
16QAM	707.5	23095	5	1	0	22.53	14.38	0.027
16QAM	707.5	23095	5	1	12	22.61	14.46	0.028
16QAM	707.5	23095	5	1	24	22.34	14.19	0.026
16QAM	707.5	23095	5	12	0	20.97	12.82	0.019
16QAM	707.5	23095	5	12	7	21.08	12.93	0.020
16QAM	707.5	23095	5	12	13	21.17	13.02	0.020
16QAM	707.5	23095	5	25	0	20.99	12.84	0.019
16QAM	713.5	23155	5	1	0	22.53	14.38	0.027
16QAM	713.5	23155	5	1	12	22.57	14.42	0.028
16QAM	713.5	23155	5	1	24	21.72	13.57	0.023
16QAM	713.5	23155	5	12	0	21.25	13.10	0.020
16QAM	713.5	23155	5	12	7	21.38	13.23	0.021
16QAM	713.5	23155	5	12	13	21.32	13.17	0.021
16QAM	713.5	23155	5	25	0	21.28	13.13	0.021
64QAM	701.5	23035	5	1	0	22.44	14.29	0.027
64QAM	701.5	23035	5	1	12	21.87	13.72	0.024
64QAM	701.5	23035	5	1	24	21.99	13.84	0.024
64QAM	701.5	23035	5	12	0	21.10	12.95	0.020
64QAM	701.5	23035	5	12	7	21.14	12.99	0.020
64QAM	701.5	23035	5	12	13	21.24	13.09	0.020
64QAM	701.5	23035	5	25	0	21.23	13.08	0.020
64QAM	707.5	23095	5	1	0	21.16	13.01	0.020
64QAM	707.5	23095	5	1	12	21.58	13.43	0.022
64QAM	707.5	23095	5	1	24	21.51	13.36	0.022
64QAM	707.5	23095	5	12	0	20.00	11.85	0.015
64QAM	707.5	23095	5	12	7	20.24	12.09	0.016
64QAM	707.5	23095	5	12	13	20.28	12.13	0.016
64QAM	707.5	23095	5	25	0	20.02	11.87	0.015
64QAM	713.5	23155	5	1	0	21.49	13.34	0.022
64QAM	713.5	23155	5	1	12	21.52	13.37	0.022
64QAM	713.5	23155	5	1	24	21.31	13.16	0.021
64QAM	713.5	23155	5	12	0	20.31	12.16	0.016
64QAM	713.5	23155	5	12	7	20.14	11.99	0.016
64QAM	713.5	23155	5	12	13	20.34	12.19	0.017
64QAM	713.5	23155	5	25	0	20.30	12.15	0.016



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	704	23060	10	1	0	23.14	14.99	0.032
QPSK	704	23060	10	1	25	23.17	15.02	0.032
QPSK	704	23060	10	1	49	22.93	14.78	0.030
QPSK	704	23060	10	25	0	22.16	14.01	0.025
QPSK	704	23060	10	25	12	22.20	14.05	0.025
QPSK	704	23060	10	25	25	22.19	14.04	0.025
QPSK	704	23060	10	50	0	22.20	14.05	0.025
QPSK	707.5	23095	10	1	0	23.26	15.11	0.032
QPSK	707.5	23095	10	1	25	23.18	15.03	0.032
QPSK	707.5	23095	10	1	49	23.16	15.01	0.032
QPSK	707.5	23095	10	25	0	22.06	13.91	0.025
QPSK	707.5	23095	10	25	12	22.20	14.05	0.025
QPSK	707.5	23095	10	25	25	22.24	14.09	0.026
QPSK	707.5	23095	10	50	0	22.08	13.93	0.025
QPSK	711	23130	10	1	0	23.18	15.03	0.032
QPSK	711	23130	10	1	25	23.12	14.97	0.031
QPSK	711	23130	10	1	49	23.18	15.03	0.032
QPSK	711	23130	10	25	0	22.08	13.93	0.025
QPSK	711	23130	10	25	12	22.13	13.98	0.025
QPSK	711	23130	10	25	25	22.26	14.11	0.026
QPSK	711	23130	10	50	0	22.16	14.01	0.025



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	704	23060	10	1	0	22.52	14.37	0.027
16QAM	704	23060	10	1	25	22.44	14.29	0.027
16QAM	704	23060	10	1	49	22.05	13.90	0.025
16QAM	704	23060	10	25	0	21.02	12.87	0.019
16QAM	704	23060	10	25	12	21.21	13.06	0.020
16QAM	704	23060	10	25	25	21.13	12.98	0.020
16QAM	704	23060	10	50	0	21.23	13.08	0.020
16QAM	707.5	23095	10	1	0	22.22	14.07	0.026
16QAM	707.5	23095	10	1	25	22.26	14.11	0.026
16QAM	707.5	23095	10	1	49	22.93	14.78	0.030
16QAM	707.5	23095	10	25	0	21.14	12.99	0.020
16QAM	707.5	23095	10	25	12	21.16	13.01	0.020
16QAM	707.5	23095	10	25	25	21.22	13.07	0.020
16QAM	707.5	23095	10	50	0	21.10	12.95	0.020
16QAM	711	23130	10	1	0	22.50	14.35	0.027
16QAM	711	23130	10	1	25	22.56	14.41	0.028
16QAM	711	23130	10	1	49	22.85	14.70	0.030
16QAM	711	23130	10	25	0	21.13	12.98	0.020
16QAM	711	23130	10	25	12	21.08	12.93	0.020
16QAM	711	23130	10	25	25	21.32	13.17	0.021
16QAM	711	23130	10	50	0	21.19	13.04	0.020
64QAM	704	23060	10	1	0	21.49	13.34	0.022
64QAM	704	23060	10	1	25	21.23	13.08	0.020
64QAM	704	23060	10	1	49	20.97	12.82	0.019
64QAM	704	23060	10	25	0	20.04	11.89	0.015
64QAM	704	23060	10	25	12	20.13	11.98	0.016
64QAM	704	23060	10	25	25	20.14	11.99	0.016
64QAM	704	23060	10	50	0	20.23	12.08	0.016
64QAM	707.5	23095	10	1	0	21.39	13.24	0.021
64QAM	707.5	23095	10	1	25	21.31	13.16	0.021
64QAM	707.5	23095	10	1	49	21.04	12.89	0.019
64QAM	707.5	23095	10	25	0	20.13	11.98	0.016
64QAM	707.5	23095	10	25	12	20.11	11.96	0.016
64QAM	707.5	23095	10	25	25	20.18	12.03	0.016
64QAM	707.5	23095	10	50	0	20.11	11.96	0.016
64QAM	711	23130	10	1	0	21.32	13.17	0.021
64QAM	711	23130	10	1	25	21.33	13.18	0.021
64QAM	711	23130	10	1	49	21.60	13.45	0.022
64QAM	711	23130	10	25	0	20.22	12.07	0.016
64QAM	711	23130	10	25	12	20.25	12.10	0.016
64QAM	711	23130	10	25	25	20.36	12.21	0.017
64QAM	711	23130	10	50	0	20.21	12.06	0.016