



APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 13

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	779.5	23205	5	1	0	23.19
QPSK	779.5	23205	5	1	12	23.47
QPSK	779.5	23205	5	1	24	23.46
QPSK	779.5	23205	5	12	0	22.35
QPSK	779.5	23205	5	12	7	22.45
QPSK	779.5	23205	5	12	13	22.42
QPSK	779.5	23205	5	25	0	22.46
QPSK	782	23230	5	1	0	23.62
QPSK	782	23230	5	1	12	23.43
QPSK	782	23230	5	1	24	23.38
QPSK	782	23230	5	12	0	22.34
QPSK	782	23230	5	12	7	22.37
QPSK	782	23230	5	12	13	22.36
QPSK	782	23230	5	25	0	22.35
QPSK	784.5	23255	5	1	0	23.45
QPSK	784.5	23255	5	1	12	23.44
QPSK	784.5	23255	5	1	24	23.45
QPSK	784.5	23255	5	12	0	22.35
QPSK	784.5	23255	5	12	7	22.50
QPSK	784.5	23255	5	12	13	22.53
QPSK	784.5	23255	5	25	0	22.49



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	779.5	23205	5	1	0	22.63
16QAM	779.5	23205	5	1	12	22.70
16QAM	779.5	23205	5	1	24	22.58
16QAM	779.5	23205	5	12	0	21.42
16QAM	779.5	23205	5	12	7	21.54
16QAM	779.5	23205	5	12	13	21.43
16QAM	779.5	23205	5	25	0	21.24
16QAM	782	23230	5	1	0	23.12
16QAM	782	23230	5	1	12	22.38
16QAM	782	23230	5	1	24	22.90
16QAM	782	23230	5	12	0	21.41
16QAM	782	23230	5	12	7	21.39
16QAM	782	23230	5	12	13	21.42
16QAM	782	23230	5	25	0	21.31
16QAM	784.5	23255	5	1	0	22.47
16QAM	784.5	23255	5	1	12	22.88
16QAM	784.5	23255	5	1	24	22.69
16QAM	784.5	23255	5	12	0	21.29
16QAM	784.5	23255	5	12	7	21.66
16QAM	784.5	23255	5	12	13	21.65
16QAM	784.5	23255	5	25	0	21.44
64QAM	779.5	23205	5	1	0	22.13
64QAM	779.5	23205	5	1	12	22.64
64QAM	779.5	23205	5	1	24	22.74
64QAM	779.5	23205	5	12	0	21.34
64QAM	779.5	23205	5	12	7	21.50
64QAM	779.5	23205	5	12	13	21.44
64QAM	779.5	23205	5	25	0	21.46
64QAM	782	23230	5	1	0	22.92
64QAM	782	23230	5	1	12	22.47
64QAM	782	23230	5	1	24	22.38
64QAM	782	23230	5	12	0	21.38
64QAM	782	23230	5	12	7	21.42
64QAM	782	23230	5	12	13	21.47
64QAM	782	23230	5	25	0	21.28
64QAM	784.5	23255	5	1	0	22.39
64QAM	784.5	23255	5	1	12	22.59
64QAM	784.5	23255	5	1	24	22.87
64QAM	784.5	23255	5	12	0	21.45
64QAM	784.5	23255	5	12	7	21.46
64QAM	784.5	23255	5	12	13	21.63
64QAM	784.5	23255	5	25	0	21.44



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	782	23230	10	1	0	23.38
QPSK	782	23230	10	1	25	23.47
QPSK	782	23230	10	1	49	23.53
QPSK	782	23230	10	25	0	22.32
QPSK	782	23230	10	25	12	22.53
QPSK	782	23230	10	25	25	22.53
QPSK	782	23230	10	50	0	22.39
QPSK	782	23230	10	1	0	23.33
QPSK	782	23230	10	1	25	23.30
QPSK	782	23230	10	1	49	23.59
QPSK	782	23230	10	25	0	22.44
QPSK	782	23230	10	25	12	22.40
QPSK	782	23230	10	25	25	22.54
QPSK	782	23230	10	50	0	22.47
QPSK	782	23230	10	1	0	23.36
QPSK	782	23230	10	1	25	23.44
QPSK	782	23230	10	1	49	23.53
QPSK	782	23230	10	25	0	22.50
QPSK	782	23230	10	25	12	22.50
QPSK	782	23230	10	25	25	22.54
QPSK	782	23230	10	50	0	22.46



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	782	23230	10	1	0	22.69
16QAM	782	23230	10	1	25	23.09
16QAM	782	23230	10	1	49	23.09
16QAM	782	23230	10	25	0	21.49
16QAM	782	23230	10	25	12	21.41
16QAM	782	23230	10	25	25	21.50
16QAM	782	23230	10	50	0	21.63
16QAM	782	23230	10	1	0	22.57
16QAM	782	23230	10	1	25	22.27
16QAM	782	23230	10	1	49	22.92
16QAM	782	23230	10	25	0	21.50
16QAM	782	23230	10	25	12	21.47
16QAM	782	23230	10	25	25	21.48
16QAM	782	23230	10	50	0	21.31
16QAM	782	23230	10	1	0	22.82
16QAM	782	23230	10	1	25	23.25
16QAM	782	23230	10	1	49	22.81
16QAM	782	23230	10	25	0	21.38
16QAM	782	23230	10	25	12	21.41
16QAM	782	23230	10	25	25	21.67
16QAM	782	23230	10	50	0	21.31
64QAM	782	23230	10	1	0	22.44
64QAM	782	23230	10	1	25	22.62
64QAM	782	23230	10	1	49	22.78
64QAM	782	23230	10	25	0	21.44
64QAM	782	23230	10	25	12	21.28
64QAM	782	23230	10	25	25	21.40
64QAM	782	23230	10	50	0	21.34
64QAM	782	23230	10	1	0	21.52
64QAM	782	23230	10	1	25	21.57
64QAM	782	23230	10	1	49	21.68
64QAM	782	23230	10	25	0	20.47
64QAM	782	23230	10	25	12	20.58
64QAM	782	23230	10	25	25	20.51
64QAM	782	23230	10	50	0	20.37
64QAM	782	23230	10	1	0	21.98
64QAM	782	23230	10	1	25	21.34
64QAM	782	23230	10	1	49	21.75
64QAM	782	23230	10	25	0	20.47
64QAM	782	23230	10	25	12	20.37
64QAM	782	23230	10	25	25	20.57
64QAM	782	23230	10	50	0	20.43



2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
13	QPSK	779.5	23205	5	25	0	4.447	Fig.1
13	QPSK	782	23230	5	25	0	4.455	Fig.2
13	QPSK	784.5	23255	5	25	0	4.472	Fig.3
13	QPSK	782	23230	10	50	0	8.897	Fig.4
13	QPSK	782	23230	10	50	0	8.892	Fig.5
13	QPSK	782	23230	10	50	0	8.923	Fig.6

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
13	16QAM	779.5	23205	5	25	0	4.431	Fig.7
13	16QAM	782	23230	5	25	0	4.466	Fig.8
13	16QAM	784.5	23255	5	25	0	4.463	Fig.9
13	16QAM	782	23230	10	50	0	8.863	Fig.10
13	16QAM	782	23230	10	50	0	8.921	Fig.11
13	16QAM	782	23230	10	50	0	8.877	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
13	64QAM	779.5	23205	5	25	0	4.454	Fig.13
13	64QAM	782	23230	5	25	0	4.456	Fig.14
13	64QAM	784.5	23255	5	25	0	4.444	Fig.15
13	64QAM	782	23230	10	50	0	8.886	Fig.16
13	64QAM	782	23230	10	50	0	8.876	Fig.17
13	64QAM	782	23230	10	50	0	8.930	Fig.18



Test Mode: QPSK

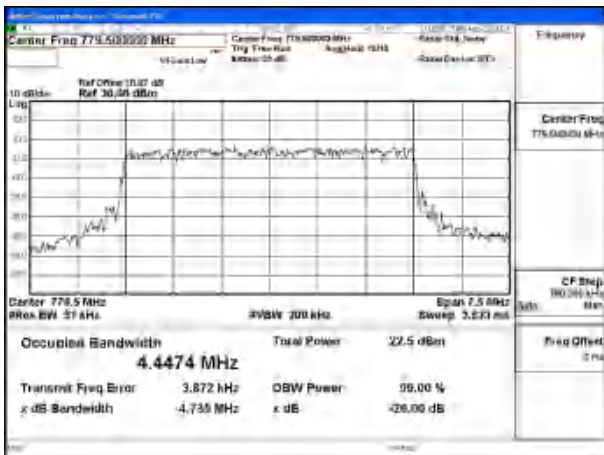


Fig.1

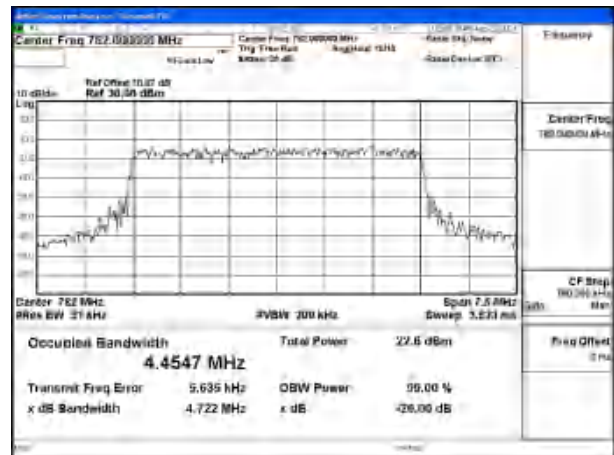


Fig.2



Fig.3



Fig.4



Fig.5

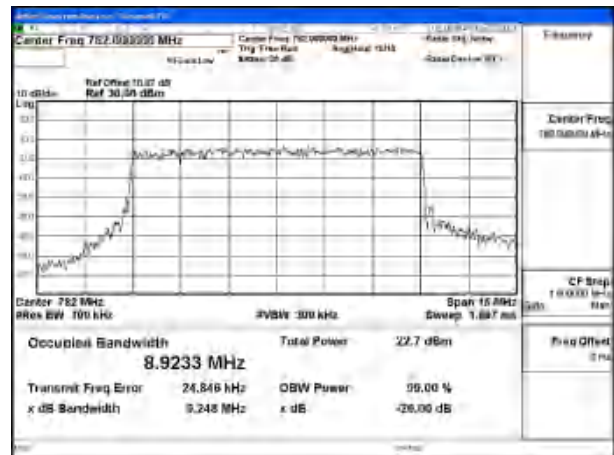


Fig.6

Test Mode: 16QAM

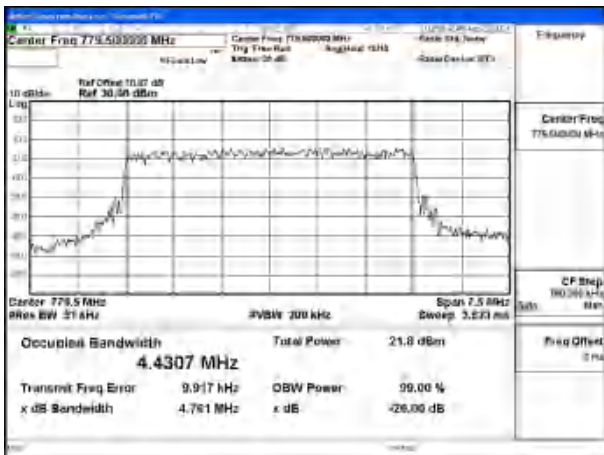


Fig.7

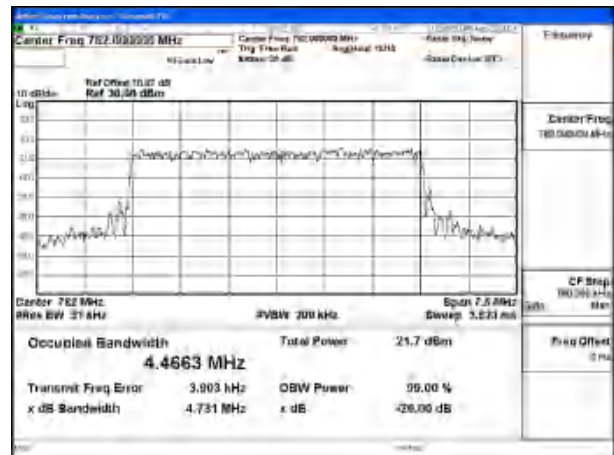


Fig.8

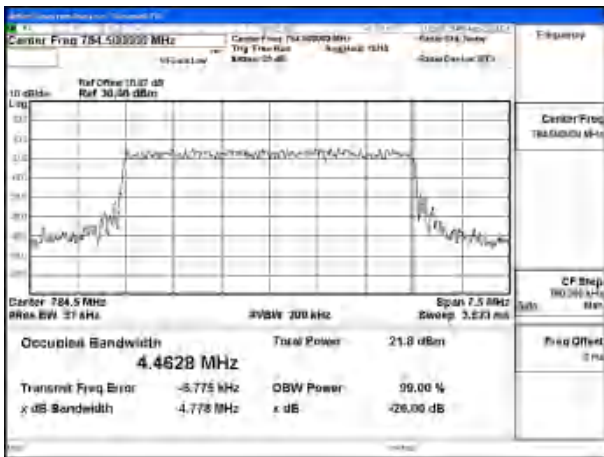


Fig.9



Fig.10



Fig.11

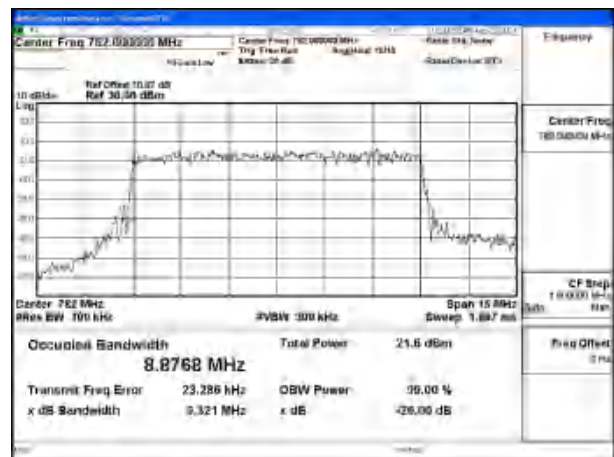


Fig.12

Test Mode: 64QAM

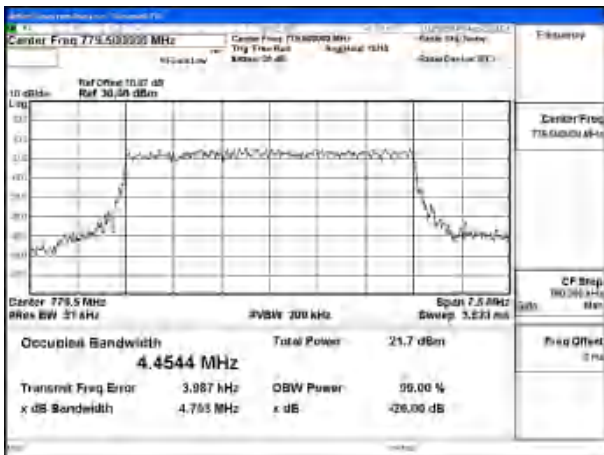


Fig.13

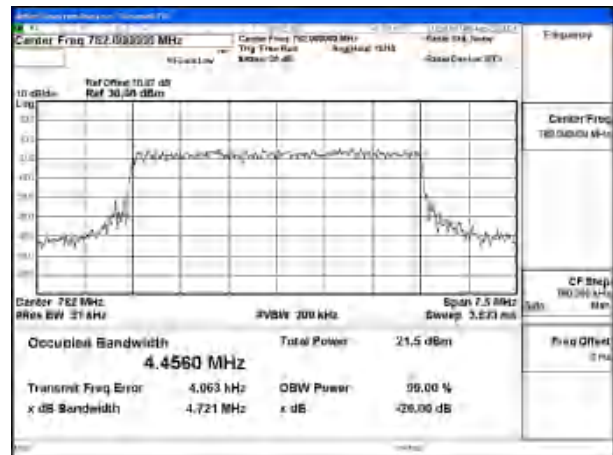


Fig.14

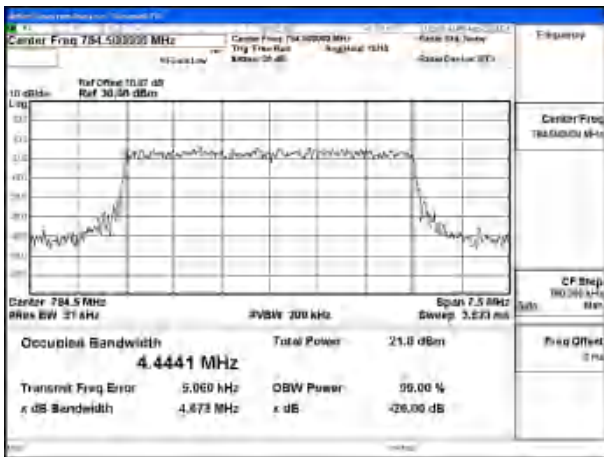


Fig.15



Fig.16

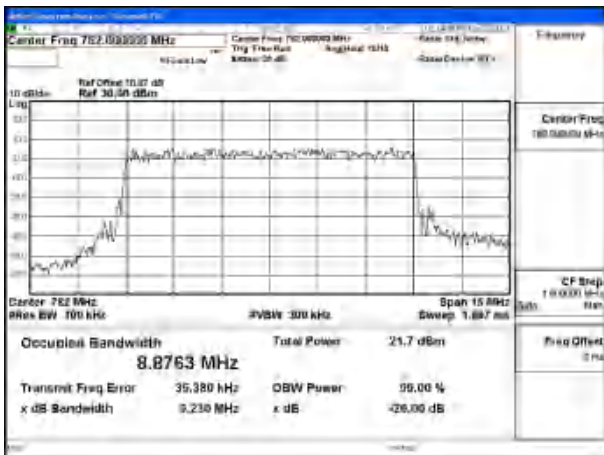


Fig.17

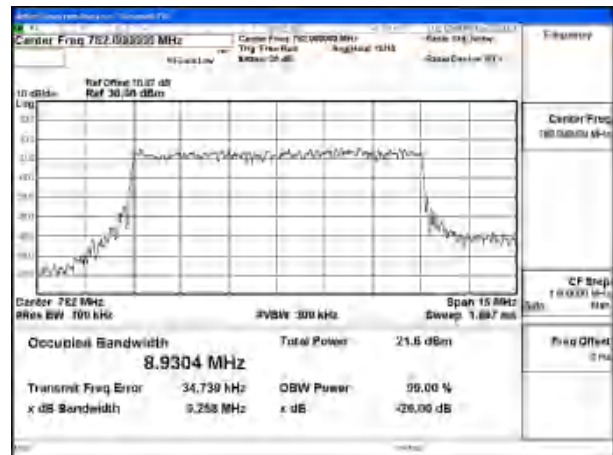


Fig.18



3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
13	QPSK	779.5	23205	5	25	0	4.735	Fig.1
13	QPSK	782	23230	5	25	0	4.722	Fig.2
13	QPSK	784.5	23255	5	25	0	4.725	Fig.3
13	QPSK	782	23230	10	50	0	9.246	Fig.4
13	QPSK	782	23230	10	50	0	9.370	Fig.5
13	QPSK	782	23230	10	50	0	9.248	Fig.6

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
13	16QAM	779.5	23205	5	25	0	4.761	Fig.7
13	16QAM	782	23230	5	25	0	4.731	Fig.8
13	16QAM	784.5	23255	5	25	0	4.778	Fig.9
13	16QAM	782	23230	10	50	0	9.284	Fig.10
13	16QAM	782	23230	10	50	0	9.224	Fig.11
13	16QAM	782	23230	10	50	0	9.321	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
13	64QAM	779.5	23205	5	25	0	4.753	Fig.13
13	64QAM	782	23230	5	25	0	4.721	Fig.14
13	64QAM	784.5	23255	5	25	0	4.673	Fig.15
13	64QAM	782	23230	10	50	0	9.400	Fig.16
13	64QAM	782	23230	10	50	0	9.230	Fig.17
13	64QAM	782	23230	10	50	0	9.258	Fig.18

Test Mode: QPSK

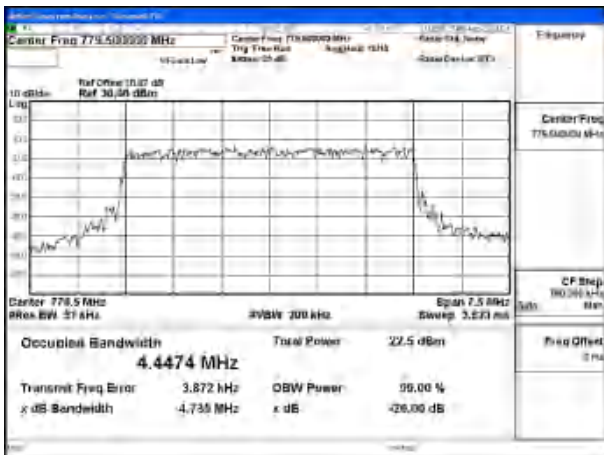


Fig.1

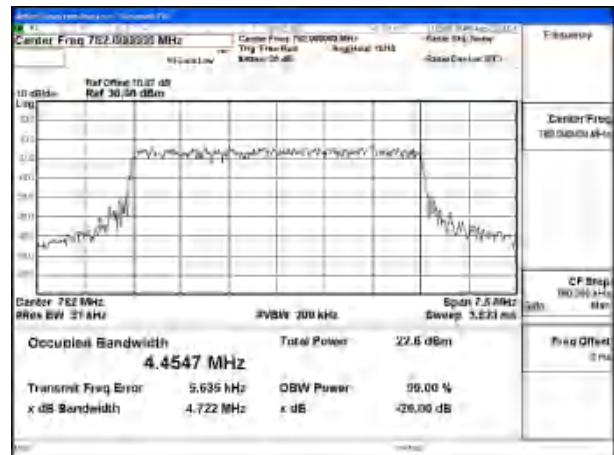


Fig.2



Fig.3

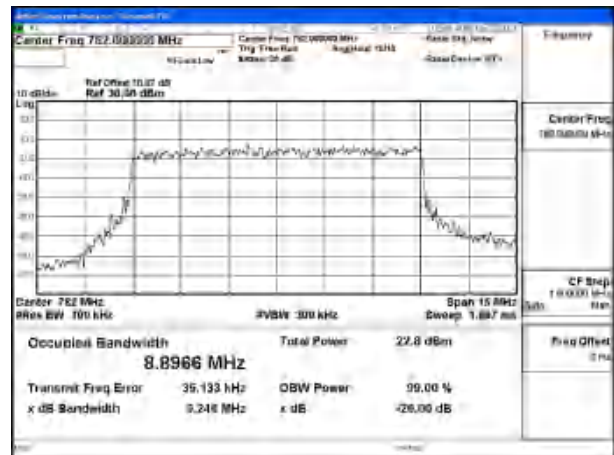


Fig.4



Fig.5

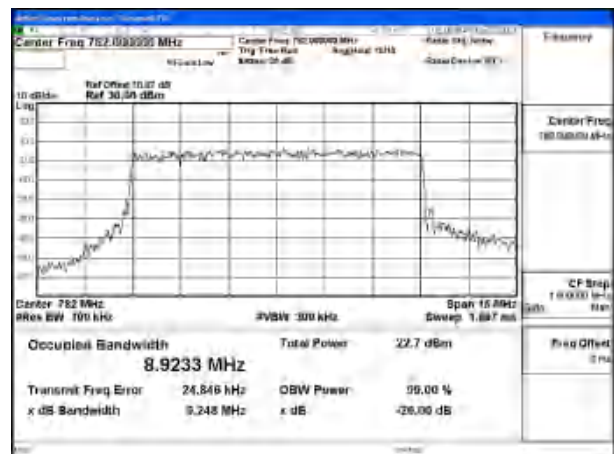


Fig.6

Test Mode: 16QAM

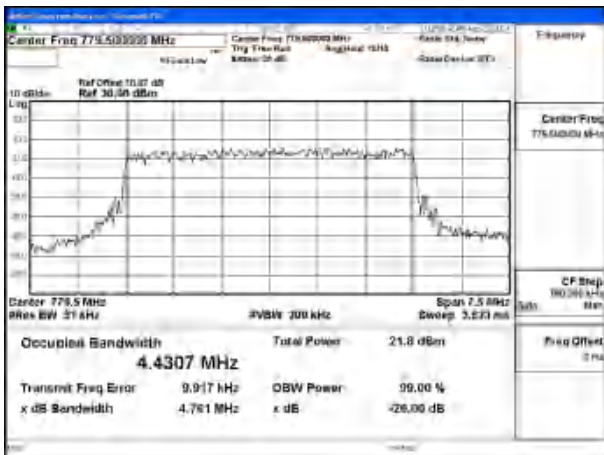


Fig.7

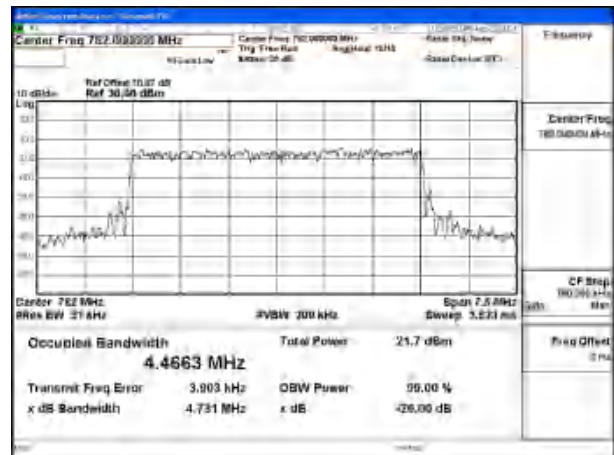


Fig.8

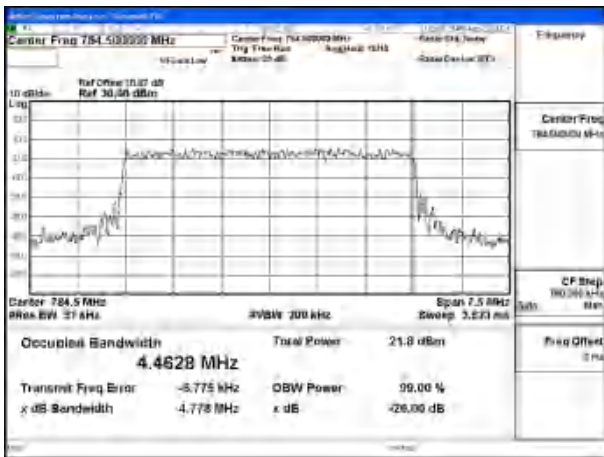


Fig.9



Fig.10

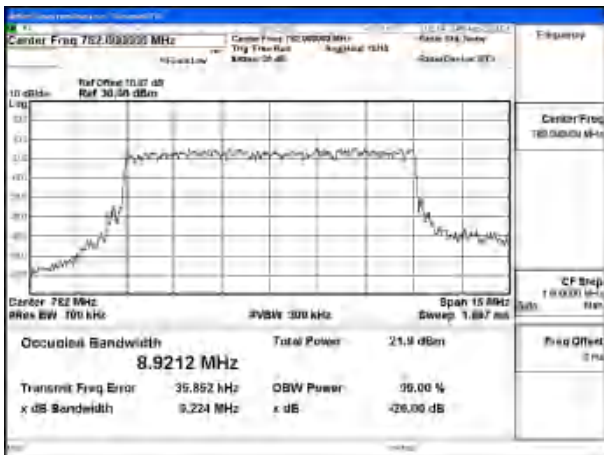


Fig.11

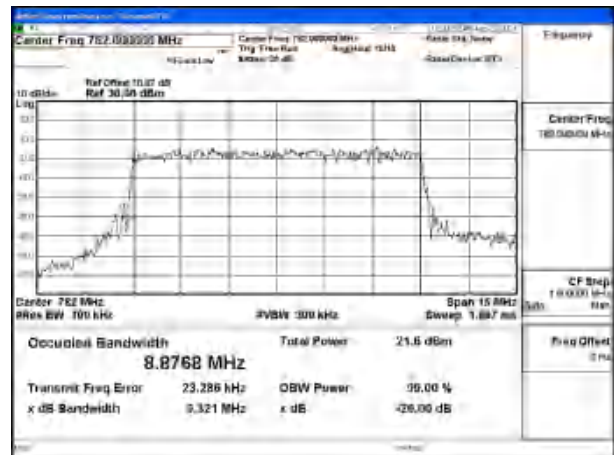


Fig.12

Test Mode: 64QAM

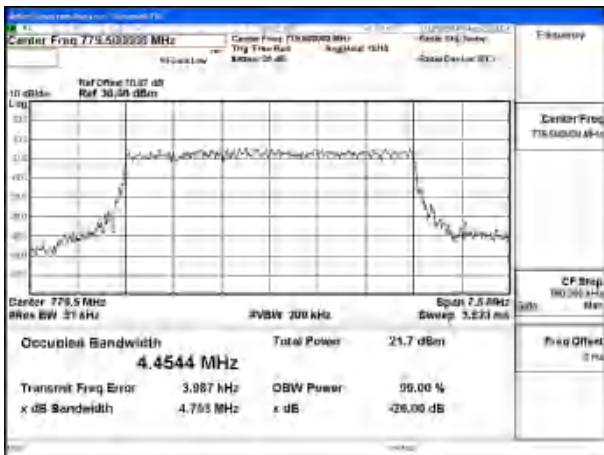


Fig.13

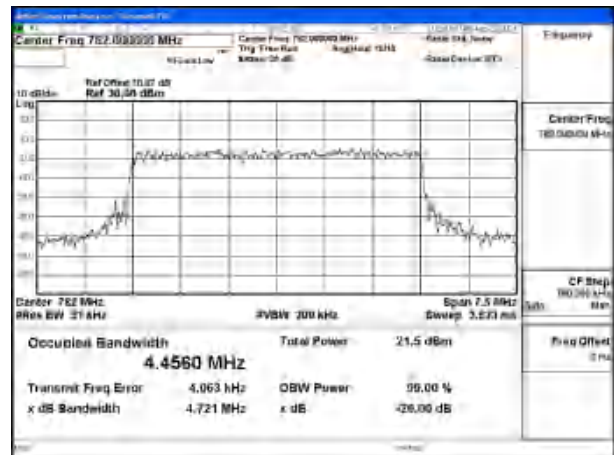


Fig.14

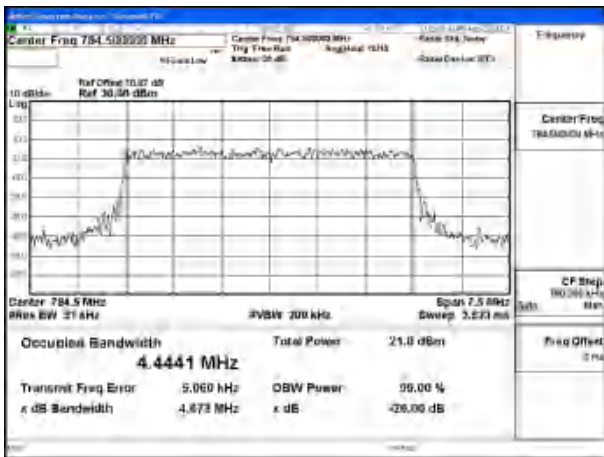


Fig.15



Fig.16

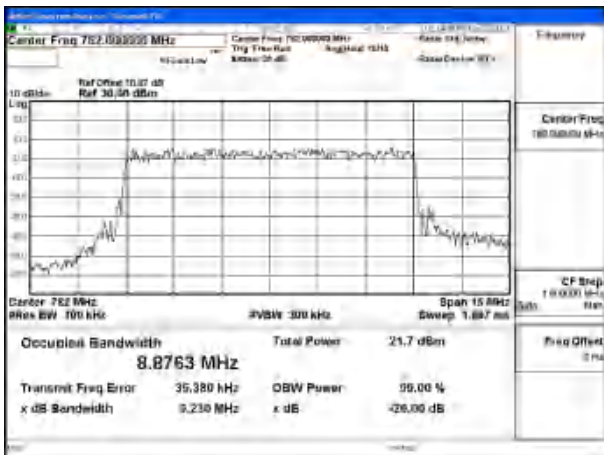


Fig.17

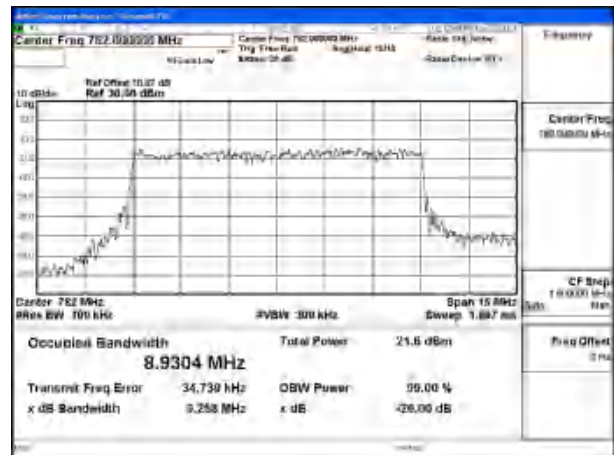


Fig.18



4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
13	779.5	23205	5	1	24	Fig.1	Fig.2	Fig.3
13	779.5	23205	5	25	0	Fig.4	Fig.5	Fig.6
13	782	23230	5	1	24	Fig.7	Fig.8	Fig.9
13	782	23230	5	25	0	Fig.10	Fig.11	Fig.12
13	784.5	23255	5	1	24	Fig.13	Fig.14	Fig.15
13	784.5	23255	5	25	0	Fig.16	Fig.17	Fig.18
13	782	23230	10	1	49	Fig.19	Fig.20	Fig.21
13	782	23230	10	50	0	Fig.22	Fig.23	Fig.24

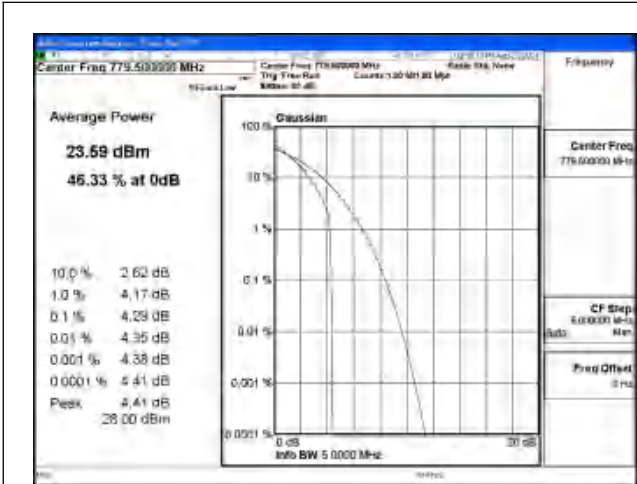


Fig.1

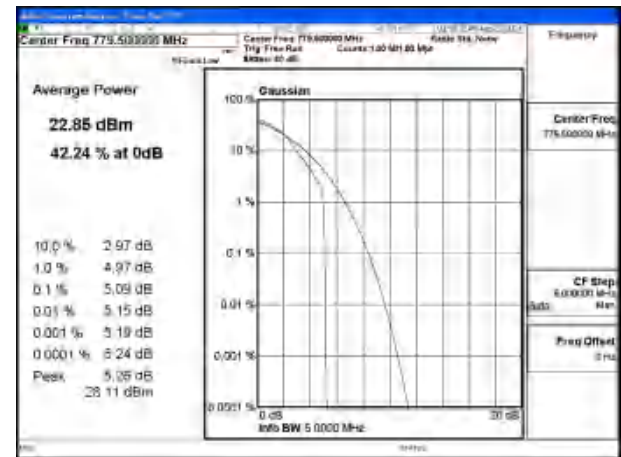


Fig.2

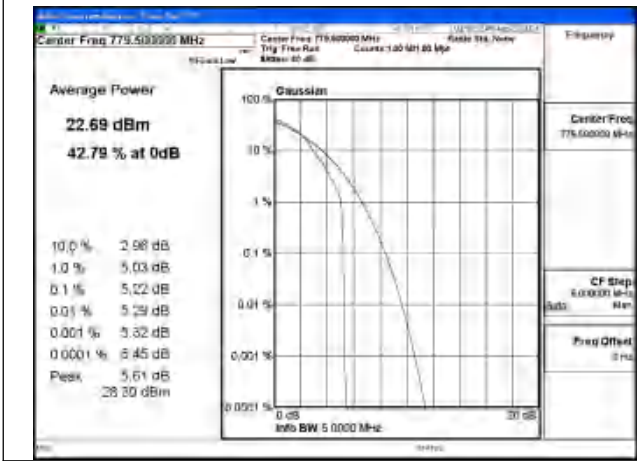


Fig.3

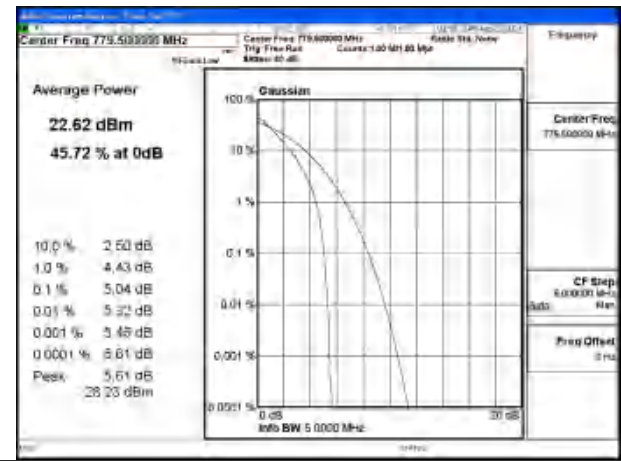


Fig.4

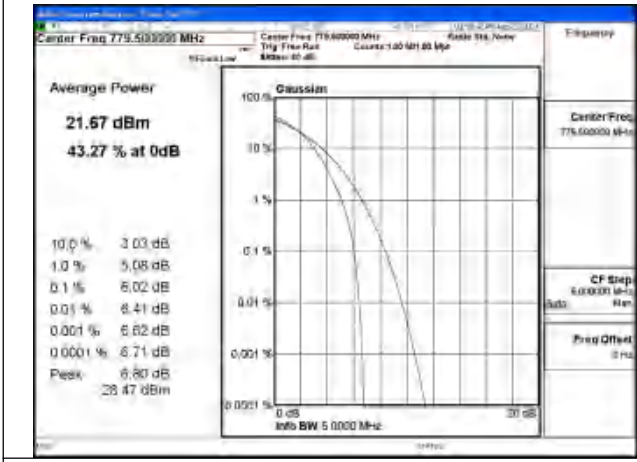


Fig.5

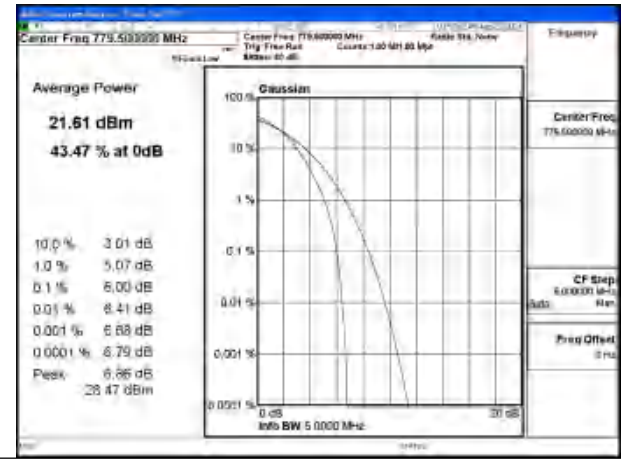


Fig.6

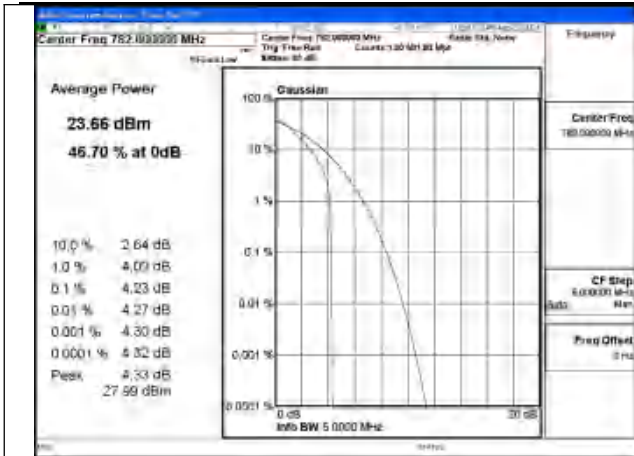


Fig.7

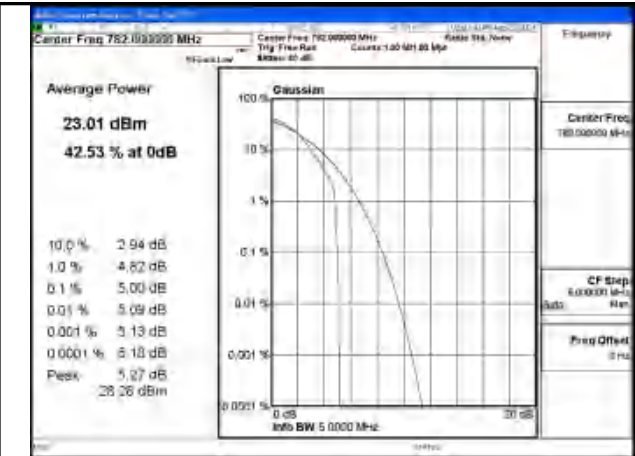


Fig.8

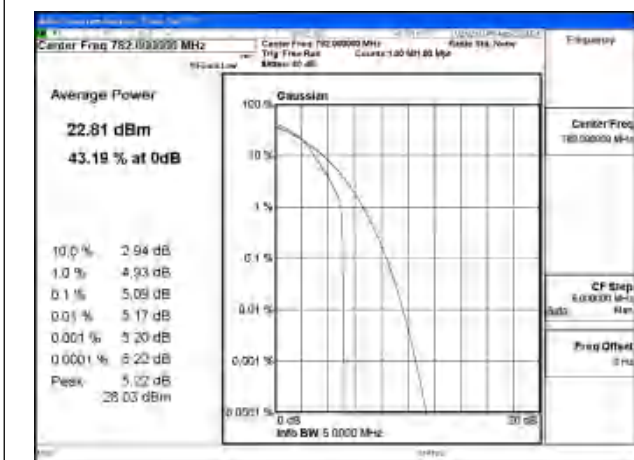


Fig.9

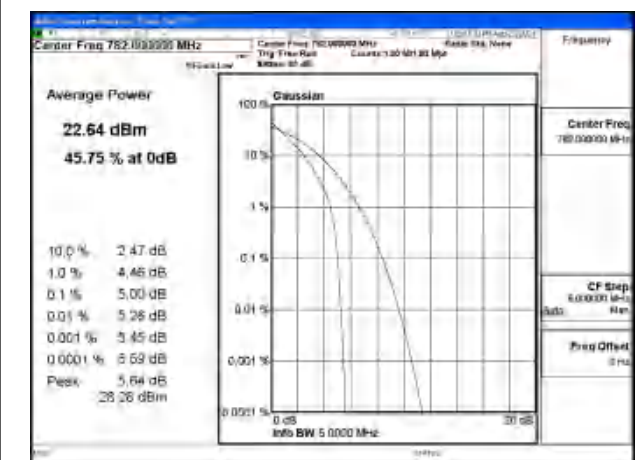


Fig.10

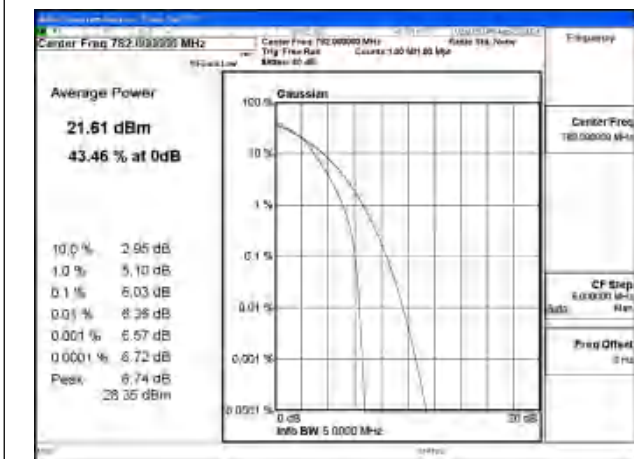


Fig.11

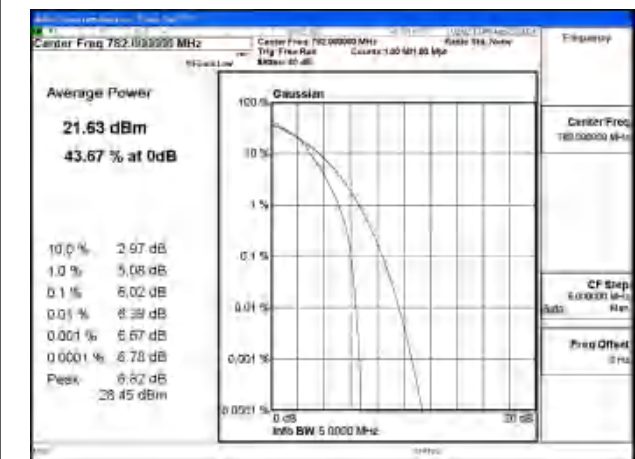


Fig.12

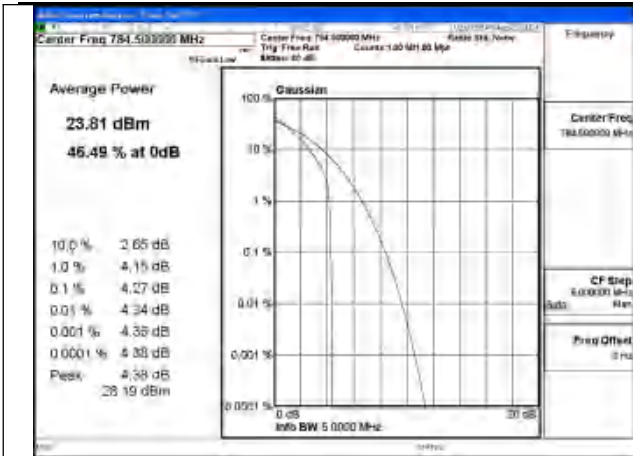


Fig.13

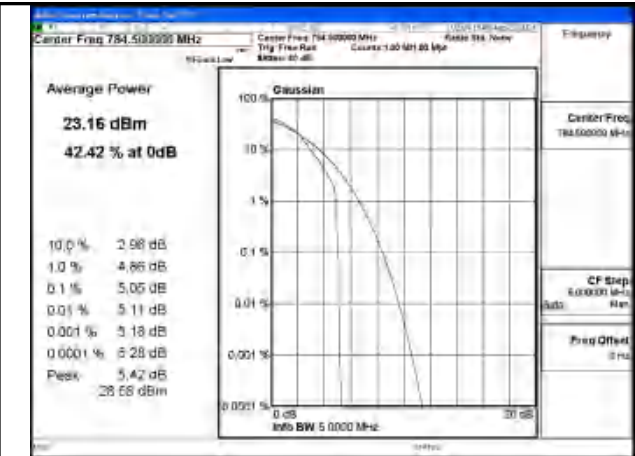


Fig.14

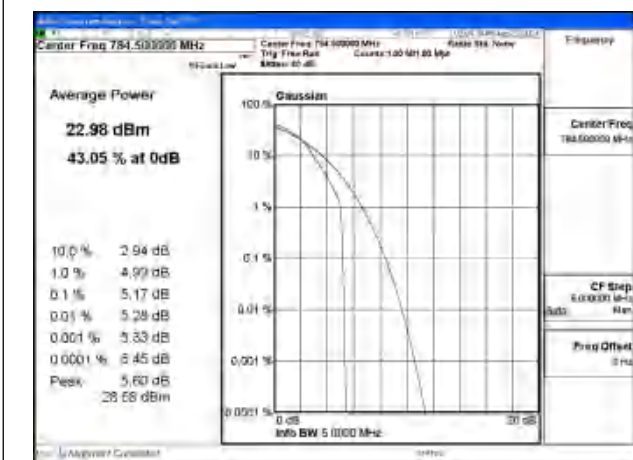


Fig.15

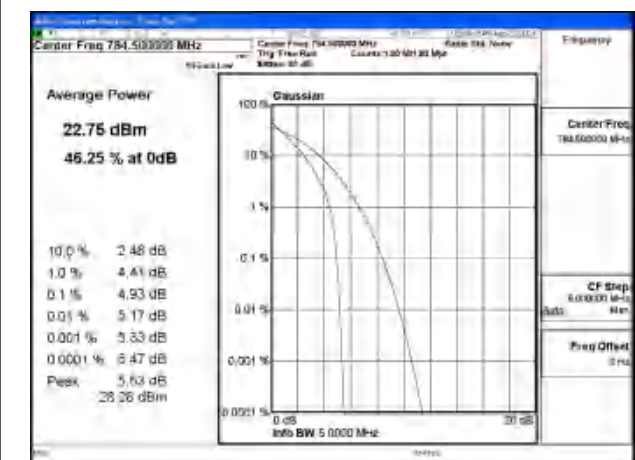


Fig.16

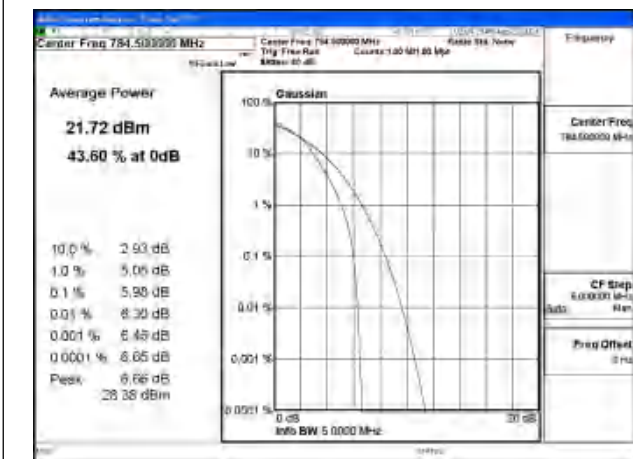


Fig.17

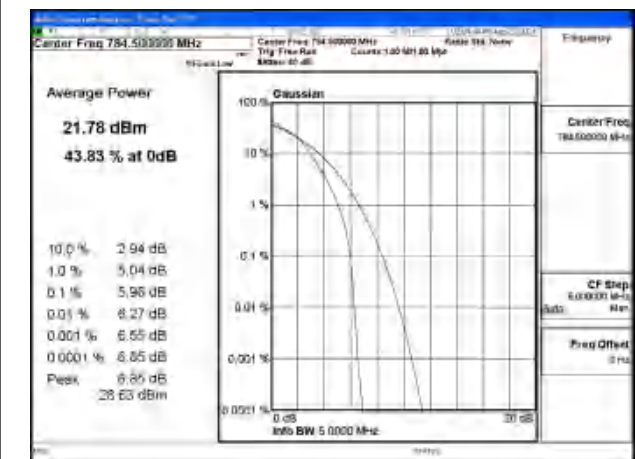


Fig.18

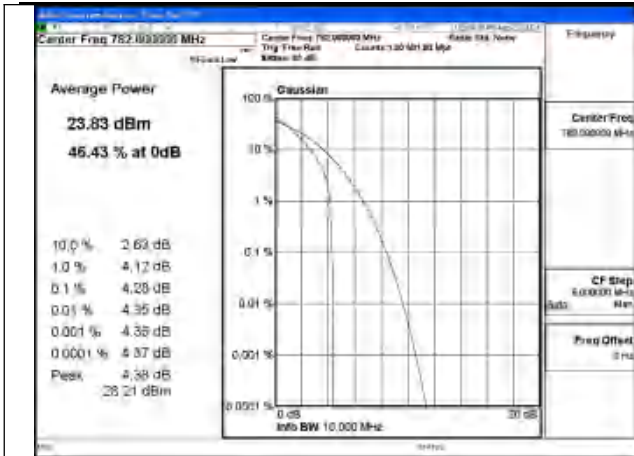


Fig.19

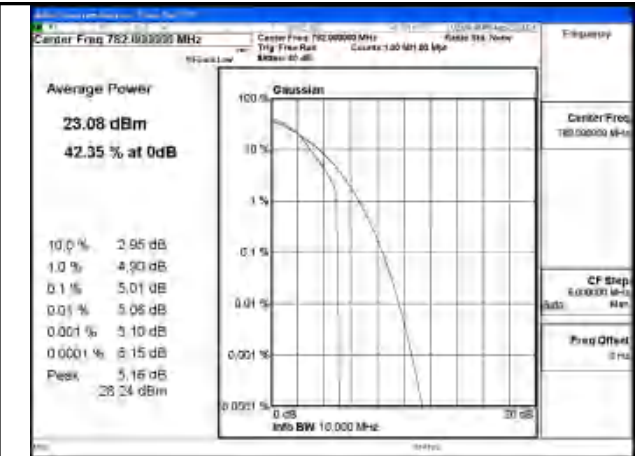


Fig.20

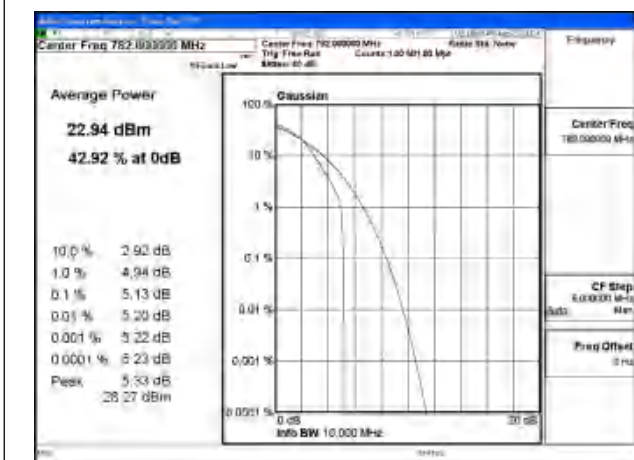


Fig.21

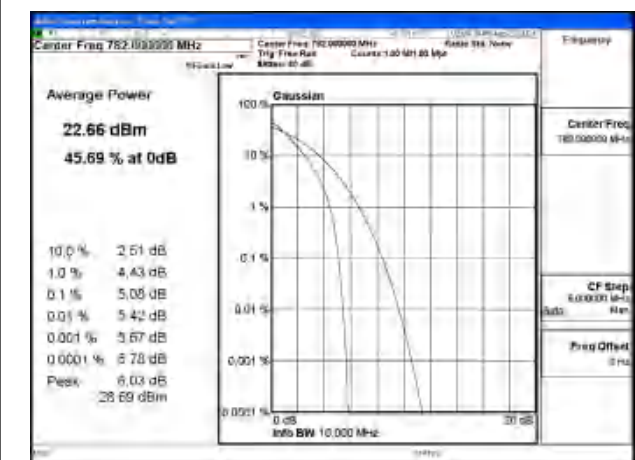


Fig.22

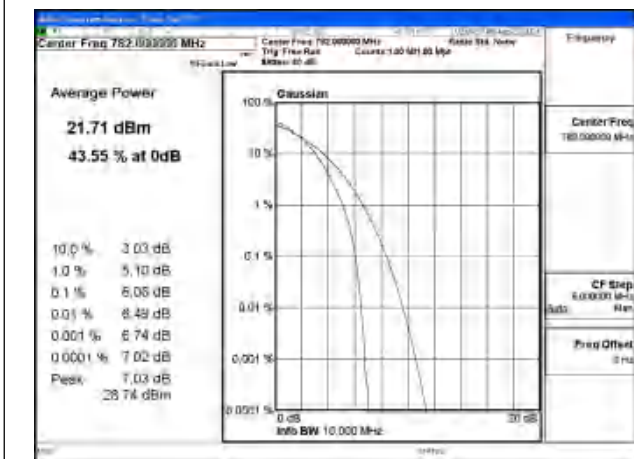


Fig.23

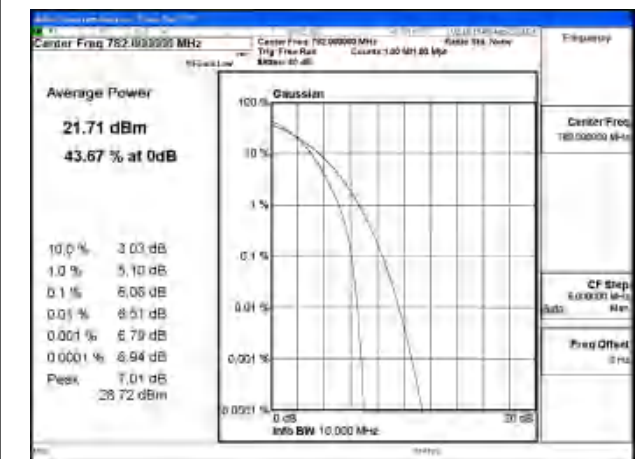


Fig.24



5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
13	782	23230	10	1	0	Fig.1
13	782	23230	10	1	0	Fig.2
13	782	23230	10	1	0	Fig.3



Fig.1

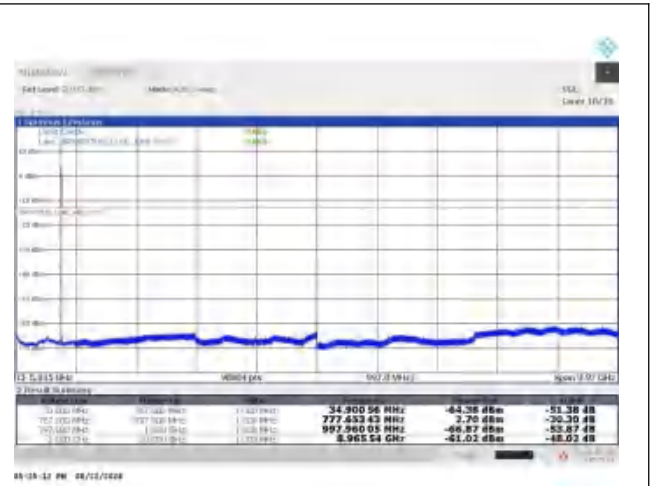


Fig.2



Fig.3



6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
13	QPSK	779.5	23205	5	1	0	Fig.1
13	QPSK	779.5	23205	5	1	0	Fig.2
13	QPSK	779.5	23205	5	25	0	Fig.3
13	QPSK	779.5	23205	5	25	0	Fig.4
13	QPSK	784.5	23255	5	1	24	Fig.5
13	QPSK	784.5	23255	5	1	24	Fig.6
13	QPSK	784.5	23255	5	25	0	Fig.7
13	QPSK	784.5	23255	5	25	0	Fig.8
13	QPSK	782	23230	10	1	0	Fig.9
13	QPSK	782	23230	10	1	0	Fig.10
13	QPSK	782	23230	10	50	0	Fig.11
13	QPSK	782	23230	10	1	49	Fig.12
13	QPSK	782	23230	10	1	49	Fig.13
13	QPSK	782	23230	10	50	0	Fig.14
13	QPSK	782	23230	10	50	0	Fig.15

Test Mode: QPSK

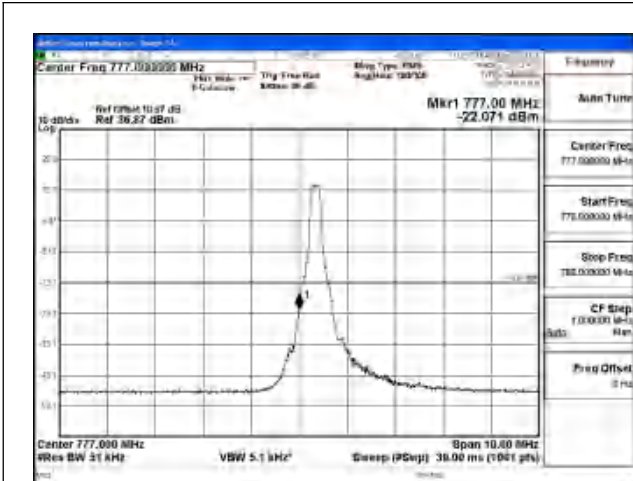


Fig.1

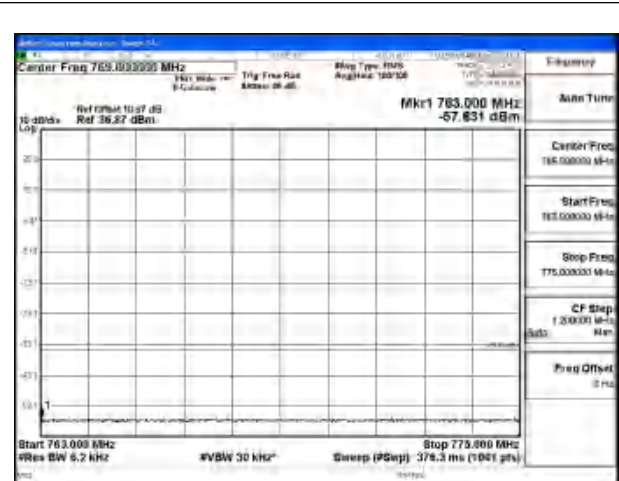


Fig.2

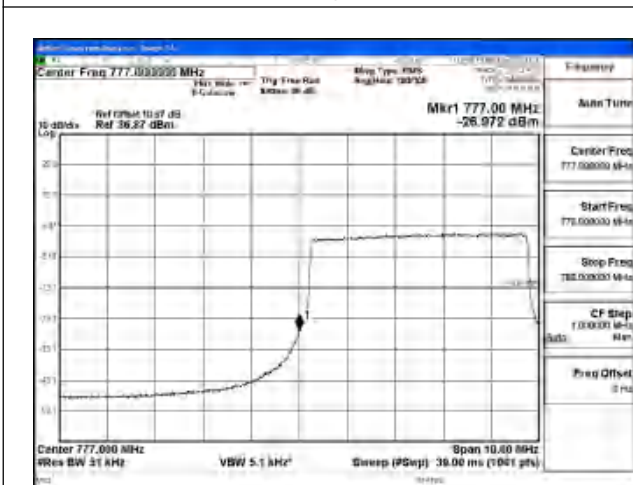


Fig.3

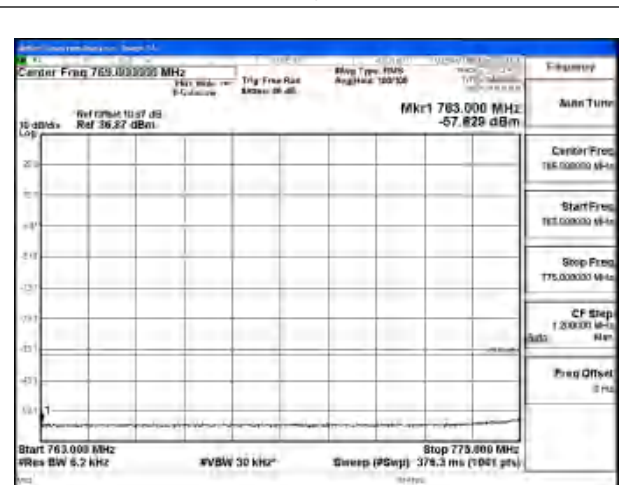


Fig.4

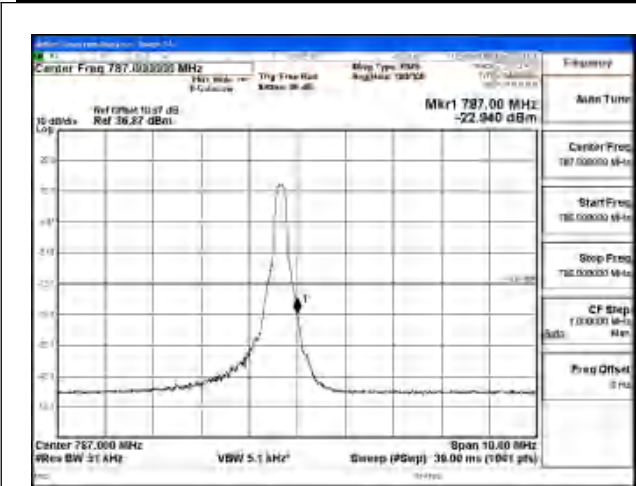


Fig.5

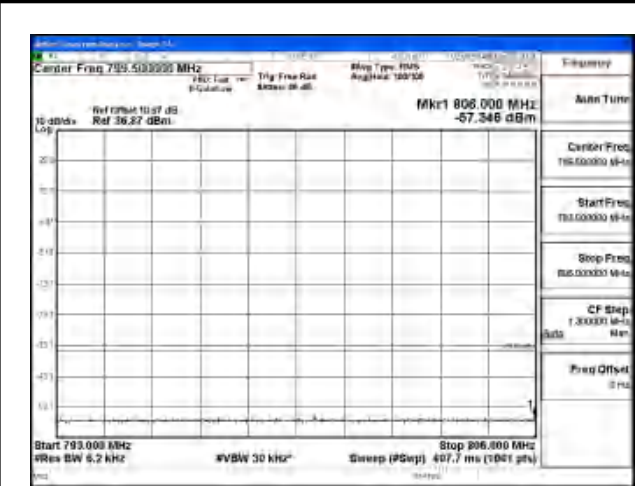


Fig.6



Fig.7

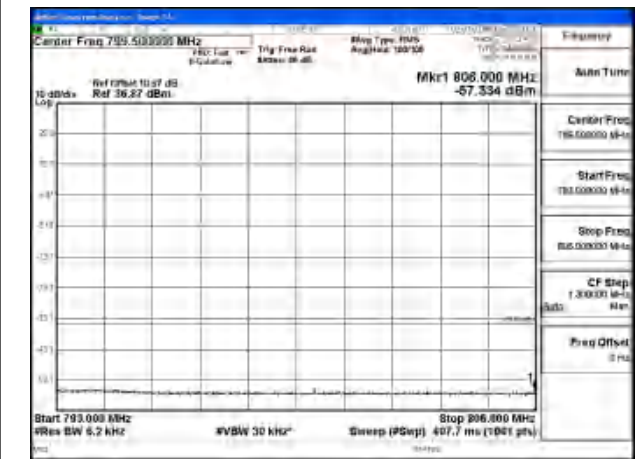


Fig.8

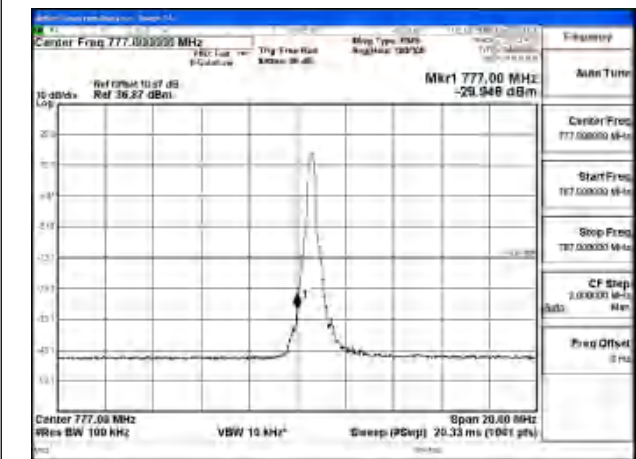


Fig.9

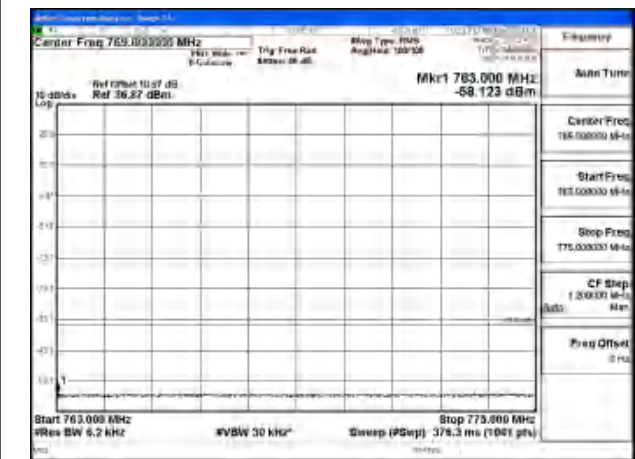


Fig.10

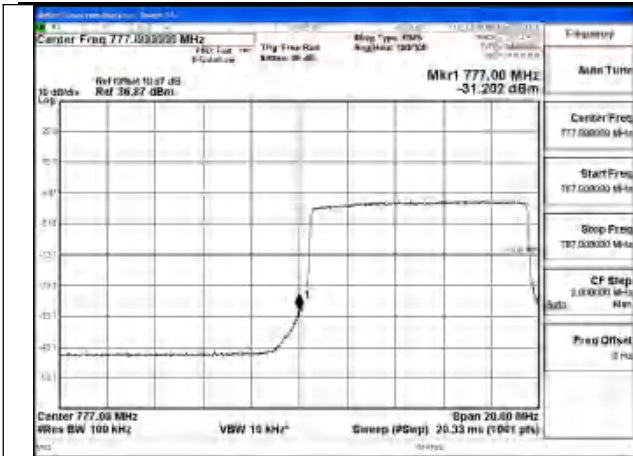


Fig. 11



Fig. 12

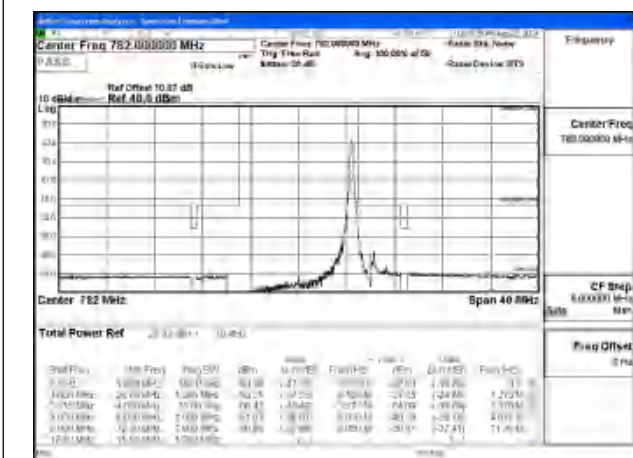


Fig. 13

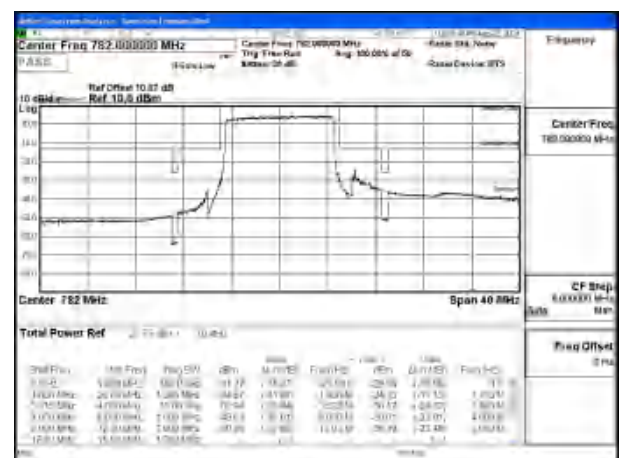


Fig. 14



Fig. 15



7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 13 Low Channel QPSK	
		5M	10M
-10	NV	0.006	0.008
0	NV	0.006	0.005
+10	NV	0.010	0.008
+20	NV	0.008	0.005
+30	NV	0.014	0.009
+40	NV	0.006	0.005
+55	NV	-0.005	0.004
+20	LV	0.008	0.006
+20	HV	0.005	0.006

Temperature(°C)	Voltage	Test Result (ppm) Band 13 High Channel QPSK	
		5M	10M
-10	NV	0.003	0.005
0	NV	0.005	-0.017
+10	NV	-0.005	0.008
+20	NV	0.004	-0.009
+30	NV	-0.018	0.009
+40	NV	-0.019	0.006
+55	NV	0.006	-0.006
+20	LV	0.007	0.002
+20	HV	0.008	-0.009



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	779.5	23205	5	1	0	23.19	17.54	0.057
QPSK	779.5	23205	5	1	12	23.47	17.82	0.061
QPSK	779.5	23205	5	1	24	23.46	17.81	0.060
QPSK	779.5	23205	5	12	0	22.35	16.70	0.047
QPSK	779.5	23205	5	12	7	22.45	16.80	0.048
QPSK	779.5	23205	5	12	13	22.42	16.77	0.048
QPSK	779.5	23205	5	25	0	22.46	16.81	0.048
QPSK	782	23230	5	1	0	23.62	17.97	0.063
QPSK	782	23230	5	1	12	23.43	17.78	0.060
QPSK	782	23230	5	1	24	23.38	17.73	0.059
QPSK	782	23230	5	12	0	22.34	16.69	0.047
QPSK	782	23230	5	12	7	22.37	16.72	0.047
QPSK	782	23230	5	12	13	22.36	16.71	0.047
QPSK	782	23230	5	25	0	22.35	16.70	0.047
QPSK	784.5	23255	5	1	0	23.45	17.80	0.060
QPSK	784.5	23255	5	1	12	23.44	17.79	0.060
QPSK	784.5	23255	5	1	24	23.45	17.80	0.060
QPSK	784.5	23255	5	12	0	22.35	16.70	0.047
QPSK	784.5	23255	5	12	7	22.50	16.85	0.048
QPSK	784.5	23255	5	12	13	22.53	16.88	0.049
QPSK	784.5	23255	5	25	0	22.49	16.84	0.048



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	779.5	23205	5	1	0	22.63	16.98	0.050
16QAM	779.5	23205	5	1	12	22.70	17.05	0.051
16QAM	779.5	23205	5	1	24	22.58	16.93	0.049
16QAM	779.5	23205	5	12	0	21.42	15.77	0.038
16QAM	779.5	23205	5	12	7	21.54	15.89	0.039
16QAM	779.5	23205	5	12	13	21.43	15.78	0.038
16QAM	779.5	23205	5	25	0	21.24	15.59	0.036
16QAM	782	23230	5	1	0	23.12	17.47	0.056
16QAM	782	23230	5	1	12	22.38	16.73	0.047
16QAM	782	23230	5	1	24	22.90	17.25	0.053
16QAM	782	23230	5	12	0	21.41	15.76	0.038
16QAM	782	23230	5	12	7	21.39	15.74	0.037
16QAM	782	23230	5	12	13	21.42	15.77	0.038
16QAM	782	23230	5	25	0	21.31	15.66	0.037
16QAM	784.5	23255	5	1	0	22.47	16.82	0.048
16QAM	784.5	23255	5	1	12	22.88	17.23	0.053
16QAM	784.5	23255	5	1	24	22.69	17.04	0.051
16QAM	784.5	23255	5	12	0	21.29	15.64	0.037
16QAM	784.5	23255	5	12	7	21.66	16.01	0.040
16QAM	784.5	23255	5	12	13	21.65	16.00	0.040
16QAM	784.5	23255	5	25	0	21.44	15.79	0.038
64QAM	779.5	23205	5	1	0	22.13	16.48	0.044
64QAM	779.5	23205	5	1	12	22.64	16.99	0.050
64QAM	779.5	23205	5	1	24	22.74	17.09	0.051
64QAM	779.5	23205	5	12	0	21.34	15.69	0.037
64QAM	779.5	23205	5	12	7	21.50	15.85	0.038
64QAM	779.5	23205	5	12	13	21.44	15.79	0.038
64QAM	779.5	23205	5	25	0	21.46	15.81	0.038
64QAM	782	23230	5	1	0	22.92	17.27	0.053
64QAM	782	23230	5	1	12	22.47	16.82	0.048
64QAM	782	23230	5	1	24	22.38	16.73	0.047
64QAM	782	23230	5	12	0	21.38	15.73	0.037
64QAM	782	23230	5	12	7	21.42	15.77	0.038
64QAM	782	23230	5	12	13	21.47	15.82	0.038
64QAM	782	23230	5	25	0	21.28	15.63	0.037
64QAM	784.5	23255	5	1	0	22.39	16.74	0.047
64QAM	784.5	23255	5	1	12	22.59	16.94	0.049
64QAM	784.5	23255	5	1	24	22.87	17.22	0.053
64QAM	784.5	23255	5	12	0	21.45	15.80	0.038
64QAM	784.5	23255	5	12	7	21.46	15.81	0.038
64QAM	784.5	23255	5	12	13	21.63	15.98	0.040
64QAM	784.5	23255	5	25	0	21.44	15.79	0.038



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	782	23230	10	1	0	23.38	17.73	0.059
QPSK	782	23230	10	1	25	23.47	17.82	0.061
QPSK	782	23230	10	1	49	23.53	17.88	0.061
QPSK	782	23230	10	25	0	22.32	16.67	0.046
QPSK	782	23230	10	25	12	22.53	16.88	0.049
QPSK	782	23230	10	25	25	22.53	16.88	0.049
QPSK	782	23230	10	50	0	22.39	16.74	0.047
QPSK	782	23230	10	1	0	23.33	17.68	0.059
QPSK	782	23230	10	1	25	23.30	17.65	0.058
QPSK	782	23230	10	1	49	23.59	17.94	0.062
QPSK	782	23230	10	25	0	22.44	16.79	0.048
QPSK	782	23230	10	25	12	22.40	16.75	0.047
QPSK	782	23230	10	25	25	22.54	16.89	0.049
QPSK	782	23230	10	50	0	22.47	16.82	0.048
QPSK	782	23230	10	1	0	23.36	17.71	0.059
QPSK	782	23230	10	1	25	23.44	17.79	0.060
QPSK	782	23230	10	1	49	23.53	17.88	0.061
QPSK	782	23230	10	25	0	22.50	16.85	0.048
QPSK	782	23230	10	25	12	22.50	16.85	0.048
QPSK	782	23230	10	25	25	22.54	16.89	0.049
QPSK	782	23230	10	50	0	22.46	16.81	0.048



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	782	23230	10	1	0	22.69	17.04	0.051
16QAM	782	23230	10	1	25	23.09	17.44	0.055
16QAM	782	23230	10	1	49	23.09	17.44	0.055
16QAM	782	23230	10	25	0	21.49	15.84	0.038
16QAM	782	23230	10	25	12	21.41	15.76	0.038
16QAM	782	23230	10	25	25	21.50	15.85	0.038
16QAM	782	23230	10	50	0	21.63	15.98	0.040
16QAM	782	23230	10	1	0	22.57	16.92	0.049
16QAM	782	23230	10	1	25	22.27	16.62	0.046
16QAM	782	23230	10	1	49	22.92	17.27	0.053
16QAM	782	23230	10	25	0	21.50	15.85	0.038
16QAM	782	23230	10	25	12	21.47	15.82	0.038
16QAM	782	23230	10	25	25	21.48	15.83	0.038
16QAM	782	23230	10	50	0	21.31	15.66	0.037
16QAM	782	23230	10	1	0	22.82	17.17	0.052
16QAM	782	23230	10	1	25	23.25	17.60	0.058
16QAM	782	23230	10	1	49	22.81	17.16	0.052
16QAM	782	23230	10	25	0	21.38	15.73	0.037
16QAM	782	23230	10	25	12	21.41	15.76	0.038
16QAM	782	23230	10	25	25	21.67	16.02	0.040
16QAM	782	23230	10	50	0	21.31	15.66	0.037
64QAM	782	23230	10	1	0	22.44	16.79	0.048
64QAM	782	23230	10	1	25	22.62	16.97	0.050
64QAM	782	23230	10	1	49	22.78	17.13	0.052
64QAM	782	23230	10	25	0	21.44	15.79	0.038
64QAM	782	23230	10	25	12	21.28	15.63	0.037
64QAM	782	23230	10	25	25	21.40	15.75	0.038
64QAM	782	23230	10	50	0	21.34	15.69	0.037
64QAM	782	23230	10	1	0	21.52	15.87	0.039
64QAM	782	23230	10	1	25	21.57	15.92	0.039
64QAM	782	23230	10	1	49	21.68	16.03	0.040
64QAM	782	23230	10	25	0	20.47	14.82	0.030
64QAM	782	23230	10	25	12	20.58	14.93	0.031
64QAM	782	23230	10	25	25	20.51	14.86	0.031
64QAM	782	23230	10	50	0	20.37	14.72	0.030
64QAM	782	23230	10	1	0	21.98	16.33	0.043
64QAM	782	23230	10	1	25	21.34	15.69	0.037
64QAM	782	23230	10	1	49	21.75	16.10	0.041
64QAM	782	23230	10	25	0	20.47	14.82	0.030
64QAM	782	23230	10	25	12	20.37	14.72	0.030
64QAM	782	23230	10	25	25	20.57	14.92	0.031
64QAM	782	23230	10	50	0	20.43	14.78	0.030