

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 4

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1710.7	19957	1.4	1	0	22.13
				1	2	22.15
				1	5	22.23
				3	0	22.21
				3	1	22.25
				3	3	22.30
	6	0		21.33		
	1	0		22.18		
	1	2		22.37		
	1	5		22.16		
	3	0		22.29		
	3	1		22.25		
	3	3		22.27		
	6	0		21.37		
	1	0		22.30		
	1	2		22.35		
	1	5		22.33		
	3	0		22.34		
3	1	22.37				
3	3	22.31				
6	0	21.44				
16QAM	1710.7	19957	1	0	21.49	
			1	2	21.59	
			1	5	21.75	
			3	0	21.36	
			3	1	21.44	
			3	3	21.29	
	6	0	20.49			
	1	0	21.68			
	1	2	21.59			
	1	5	21.85			
	3	0	21.40			
	3	1	21.35			
	3	3	21.43			
	6	0	20.58			
	1	0	21.57			
	1	2	21.86			
	1	5	21.55			
	3	0	21.47			
3	1	21.55				
3	3	21.40				
6	0	20.78				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1710.7	19957	1.4	1	0	20.10
				1	2	20.13
				1	5	20.17
				3	0	20.15
				3	1	20.20
				3	3	20.22
	1732.5	20175		6	0	19.27
				1	0	20.16
				1	2	20.31
				1	5	20.06
				3	0	20.20
				3	1	20.20
	1754.3	20393		3	3	20.23
				6	0	19.34
				1	0	20.23
				1	2	20.31
				1	5	20.27
				3	0	20.29
256QAM	1710.7	19957	3	1	20.28	
			3	3	20.23	
			6	0	19.38	
			1	0	17.43	
			1	2	17.52	
			1	5	17.7	
	1732.5	20175	3	0	17.26	
			3	1	17.35	
			3	3	17.27	
			6	0	17.42	
			1	0	17.66	
			1	2	17.57	
	1754.3	20393	1	5	17.76	
			3	0	17.32	
			3	1	17.3	
			3	3	17.36	
			6	0	17.5	
			1	0	17.51	
			1	2	17.80	
			1	5	17.53	
			3	0	17.45	
			3	1	17.48	
			3	3	17.37	
			6	0	17.71	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1711.5	19965	3	1	8	22.50
				1	14	22.57
				1	0	22.38
				8	0	21.55
				8	4	21.54
				8	7	21.56
	15	0		21.60		
	1	8		22.53		
	1	14		22.55		
	1	0		22.44		
	8	0		21.53		
	8	4		21.67		
	8	7		21.55		
	15	0		21.54		
	1	8		22.62		
	1	14		22.46		
	1	0		22.67		
	16QAM	1711.5		19965	3	8
8			4			21.67
8			7			21.67
15			0			21.73
1			8			21.33
1			14			21.78
1		0	21.95			
8		0	20.40			
8		4	20.73			
8		7	20.70			
15		0	20.59			
1		8	22.06			
1		14	21.51			
1		0	21.59			
8		0	20.56			
8		4	20.89			
8		7	20.86			
15		0	20.66			
1753.5	20385	3	3	1	8	22.23
				1	14	21.77
				1	0	21.76
				8	0	20.76
				8	4	20.60
				8	7	20.49
15	0	20.87				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1711.5	19965	3	1	8	20.42
				1	14	20.49
				1	0	20.35
				8	0	19.53
				8	4	19.44
				8	7	19.52
	15	0		19.56		
	1	8		20.51		
	1	14		20.53		
	1	0		20.37		
	8	0		19.51		
	8	4		19.63		
	8	7		19.49		
	15	0		19.45		
	1	8		20.54		
	1	14		20.36		
	1	0		20.59		
	256QAM	1711.5		19965	8	0
8			4		19.65	
8			7		19.64	
15			0		19.66	
1			8		17.26	
1			14		17.74	
1		0	17.87			
8		0	17.30			
8		4	17.69			
8		7	17.61			
15		0	17.51			
1		8	18.02			
1		14	17.45			
1		0	17.55			
8		0	17.51			
8		4	17.83			
8		7	17.78			
15		0	17.61			
1753.5	20385	1	8	18.13		
		1	14	17.72		
		1	0	17.71		
		8	0	17.69		
		8	4	17.57		
		8	7	17.47		
		15	0	17.77		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1712.5	19975	5	1	0	22.57
				1	12	22.52
				1	24	22.45
				12	6	21.62
				12	0	21.59
				12	13	21.57
	25	0		21.59		
	1	0		22.53		
	1	12		22.52		
	1	24		22.46		
	12	6		21.62		
	12	0		21.50		
	12	13		21.60		
	25	0		21.62		
	1	0		22.64		
	1	12		22.47		
	1	24		22.54		
	12	6		21.64		
12	0	21.64				
12	13	21.66				
25	0	21.69				
16QAM	1712.5	19975	1	0	21.61	
			1	12	21.53	
			1	24	21.67	
			12	6	20.69	
			12	0	20.62	
			12	13	20.65	
	25	0	20.63			
	1	0	21.89			
	1	12	22.08			
	1	24	21.62			
	12	6	20.55			
	12	0	20.55			
	12	13	20.63			
	25	0	20.63			
	1	0	21.86			
	1	12	22.31			
	1	24	22.08			
	12	6	20.69			
12	0	20.71				
12	13	20.61				
25	0	20.65				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1712.5	19975	5	1	0	20.49
				1	12	20.48
				1	24	20.41
				12	6	19.57
				12	0	19.56
				12	13	19.53
	25	0		19.52		
	1732.5	20175		1	0	20.45
				1	12	20.43
				1	24	20.40
				12	6	19.52
				12	0	19.46
				12	13	19.58
	25	0		19.57		
	1752.5	20375		1	0	20.55
				1	12	20.38
				1	24	20.45
				12	6	19.55
12			0	19.60		
12			13	19.58		
25	0	19.60				
256QAM	1712.5	19975	1	0	17.53	
			1	12	17.45	
			1	24	17.58	
			12	6	17.67	
			12	0	17.56	
			12	13	17.62	
	25	0	17.55			
	1732.5	20175	1	0	17.85	
			1	12	18.02	
			1	24	17.56	
			12	6	17.50	
			12	0	17.47	
			12	13	17.57	
	25	0	17.57			
	1752.5	20375	1	0	17.81	
			1	12	18.28	
			1	24	18.00	
			12	6	17.59	
12			0	17.67		
12			13	17.55		
25	0	17.58				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1715	20000	10	1	49	22.56
				1	0	22.32
				1	24	22.15
				25	12	21.57
				25	0	21.54
				25	25	21.53
	1732.5	20175		50	0	21.50
				1	0	22.43
				1	25	22.64
				1	49	22.56
				25	0	21.47
				25	12	21.41
	1750	20350		25	25	21.55
				50	0	21.44
				1	0	22.49
				1	25	22.39
				1	49	22.39
				25	0	21.68
16QAM	1715	20000	25	12	21.65	
			25	25	21.62	
			50	0	21.70	
			1	0	21.77	
			1	25	21.89	
			1	49	21.40	
	1732.5	20175	25	0	20.58	
			25	12	20.65	
			25	25	20.53	
			50	0	20.53	
			1	0	22.19	
			1	25	21.73	
	1750	20350	1	49	21.78	
			25	0	20.61	
			25	12	20.54	
			25	25	20.69	
			50	0	20.61	
			1	0	21.95	
			1	25	21.67	
			1	49	22.21	
			25	0	20.61	
			25	12	20.71	
			25	25	20.56	
			50	0	20.59	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1715	20000	10	1	0	20.51
				1	25	20.29
				1	49	20.10
				25	0	19.50
				25	12	19.44
				25	25	19.49
	1732.5	20175		50	0	19.47
				1	0	20.33
				1	25	20.60
				1	49	20.50
				25	0	19.44
				25	12	19.38
	1750	20350		25	25	19.48
				50	0	19.35
				1	0	20.46
				1	25	20.37
				1	49	20.31
				25	0	19.63
256QAM	1715	20000	25	12	19.56	
			25	25	19.59	
			50	0	19.65	
			1	0	17.68	
			1	25	17.85	
			1	49	17.32	
	1732.5	20175	25	0	17.48	
			25	12	17.58	
			25	25	17.46	
			50	0	17.45	
			1	0	18.1	
			1	25	17.65	
	1750	20350	1	49	17.76	
			25	0	17.54	
			25	12	17.48	
			25	25	17.59	
			50	0	17.51	
			1	0	17.88	
			1	25	17.58	
			1	49	18.18	
			25	0	17.52	
			25	12	17.68	
			25	25	17.48	
			50	0	17.55	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1717.5	20025	15	1	38	22.39
				1	74	22.24
				1	0	22.24
				36	18	21.43
				36	0	21.39
				36	39	21.39
	75	0		21.37		
	1	38		22.36		
	1	74		22.34		
	1	0		22.26		
	36	18		21.38		
	36	0		21.42		
	36	39		21.42		
	75	0		21.39		
	1	38		22.41		
	1	74		22.40		
	1	0		22.34		
	16QAM	1717.5		20025	36	18
36			0		21.55	
36			39		21.48	
75			0		21.35	
1			38		21.67	
1			74		21.36	
1		0	21.79			
36		18	20.32			
36		0	20.39			
36		39	20.40			
75		0	20.41			
1		38	21.70			
1		74	21.89			
1		0	21.60			
36		18	20.35			
36		0	20.38			
36		39	20.50			
75		0	20.50			
1747.5	20325	1	38	21.71		
		1	74	21.67		
		1	0	21.46		
		36	18	20.53		
		36	0	20.52		
		36	39	20.46		
		75	0	20.36		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1717.5	20025	15	1	38	20.29
				1	74	20.21
				1	0	20.19
				36	18	19.33
				36	0	19.34
				36	39	19.29
	1732.5	20175		75	0	19.35
				1	38	20.31
				1	74	20.24
				1	0	20.23
				36	18	19.29
				36	0	19.36
	1747.5	20325		36	39	19.39
				75	0	19.35
				1	38	20.35
				1	74	20.37
				1	0	20.26
				36	18	19.35
256QAM	1717.5	20025	36	0	19.53	
			36	39	19.42	
			75	0	19.33	
			1	38	17.65	
			1	74	17.29	
			1	0	17.73	
	1732.5	20175	36	18	17.24	
			36	0	17.37	
			36	39	17.34	
			75	0	17.32	
			1	38	17.66	
			1	74	17.83	
	1747.5	20325	1	0	17.57	
			36	18	17.31	
			36	0	17.30	
			36	39	17.47	
			75	0	17.42	
			1	38	17.62	
			1	74	17.60	
			1	0	17.38	
			36	18	17.50	
			36	0	17.48	
			36	39	17.41	
			75	0	17.26	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1720	20050	20	1	99	22.27
				1	49	22.40
				1	0	22.29
				50	0	21.36
				50	50	21.33
				50	25	21.36
	100	0		21.47		
	1	99		22.27		
	1	49		22.41		
	1	0		22.40		
	50	0		21.53		
	50	50		21.47		
	50	25		21.42		
	100	0		21.37		
	1	99		22.28		
	1	49		22.40		
	1	0		22.25		
	50	0		21.52		
50	50	21.34				
50	25	21.49				
100	0	21.54				
16QAM	1720	20050	1	99	21.39	
			1	49	21.49	
			1	0	21.53	
			50	0	20.44	
			50	50	20.41	
			50	25	20.44	
	100	0	20.39			
	1	99	21.65			
	1	49	21.32			
	1	0	21.90			
	50	0	20.53			
	50	50	20.45			
	50	25	20.46			
	100	0	20.36			
	1	99	21.66			
	1	49	21.86			
	1	0	21.64			
	50	0	20.55			
50	50	20.45				
50	25	20.52				
100	0	20.44				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1720	20050	20	1	99	20.22
				1	49	20.35
				1	0	20.22
				50	0	19.26
				50	50	19.24
				50	25	19.33
	1732.5	20175		100	0	19.44
				1	99	20.19
				1	49	20.38
				1	0	20.34
				50	0	19.51
				50	50	19.40
	1745	20300		50	25	19.39
				100	0	19.27
				1	99	20.25
				1	49	20.30
				1	0	20.19
				50	0	19.50
256QAM	1720	20050	50	50	19.29	
			50	25	19.40	
			100	0	19.45	
			1	99	17.36	
			1	49	17.45	
			1	0	17.49	
	1732.5	20175	50	0	17.40	
			50	50	17.39	
			50	25	17.38	
			100	0	17.34	
			1	99	17.57	
			1	49	17.25	
	1745	20300	1	0	17.88	
			50	0	17.46	
			50	50	17.37	
			50	25	17.39	
			100	0	17.26	
			1	99	17.63	
			1	49	17.82	
			1	0	17.60	
			50	0	17.50	
			50	50	17.36	
			50	25	17.46	
			100	0	17.40	

Test on the worst case:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)
Band4	3MHz	QPSK	20385	1RB#8	22.37
				1RB#14	22.35
				1RB#0	22.45

2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)							
						QPSK		16-QAM		64-QAM		256-QAM	
4	1710.7	19957	1.4	6	0	1.088	Fig.1	1.091	Fig.4	1.088	Fig.7	1.088	Fig.10
	1732.5	20175		6	0	1.085	Fig.2	1.094	Fig.5	1.088	Fig.8	1.091	Fig.11
	1754.3	20393		6	0	1.088	Fig.3	1.091	Fig.6	1.091	Fig.9	1.085	Fig.12
	1711.5	19965	3	15	0	2.697	Fig.13	2.685	Fig.16	2.691	Fig.19	2.691	Fig.22
	1732.5	20175		15	0	2.697	Fig.14	2.685	Fig.17	2.691	Fig.20	2.691	Fig.23
	1753.5	20385		15	0	2.691	Fig.15	2.685	Fig.18	2.691	Fig.21	2.697	Fig.24
	1712.5	19975	5	25	0	4.476	Fig.25	4.466	Fig.28	4.486	Fig.31	4.476	Fig.34
	1732.5	20175		25	0	4.476	Fig.26	4.466	Fig.29	4.486	Fig.32	4.476	Fig.35
	1752.5	20375		25	0	4.476	Fig.27	4.476	Fig.30	4.486	Fig.33	4.486	Fig.36
	1715	20000	10	50	0	8.951	Fig.37	8.911	Fig.40	8.931	Fig.43	8.951	Fig.46
	1732.5	20175		50	0	8.951	Fig.38	8.931	Fig.41	8.951	Fig.44	8.931	Fig.47
	1750	20350		50	0	8.951	Fig.39	8.931	Fig.42	8.951	Fig.45	8.951	Fig.48
	1717.5	20025	15	75	0	13.516	Fig.49	13.487	Fig.52	13.487	Fig.55	13.487	Fig.58
	1732.5	20175		75	0	13.457	Fig.50	13.427	Fig.53	13.457	Fig.56	13.487	Fig.59
	1747.5	20325		75	0	13.427	Fig.51	13.427	Fig.54	13.487	Fig.57	13.457	Fig.60
	1720	20050	20	100	0	17.982	Fig.61	17.942	Fig.64	17.942	Fig.67	17.902	Fig.70
	1732.5	20175		100	0	17.942	Fig.62	17.902	Fig.65	17.862	Fig.68	17.862	Fig.71
	1745	20300		100	0	17.982	Fig.63	17.942	Fig.66	17.942	Fig.69	17.942	Fig.72

3 Emission Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)							
						QPSK		16-QAM		64-QAM		256-QAM	
4	1710.7	19957	1.4	6	0	1.233	Fig.1	1.239	Fig.4	1.233	Fig.7	1.230	Fig.10
	1732.5	20175		6	0	1.239	Fig.2	1.233	Fig.5	1.236	Fig.8	1.224	Fig.11
	1754.3	20393		6	0	1.245	Fig.3	1.236	Fig.6	1.236	Fig.9	1.236	Fig.12
	1711.5	19965	3	15	0	3.000	Fig.13	3.000	Fig.16	2.976	Fig.19	3.024	Fig.22
	1732.5	20175		15	0	2.988	Fig.14	2.994	Fig.17	2.982	Fig.20	3.024	Fig.23
	1753.5	20385		15	0	2.982	Fig.15	2.994	Fig.18	2.982	Fig.21	3.030	Fig.24
	1712.5	19975	5	25	0	4.770	Fig.25	4.910	Fig.28	4.900	Fig.31	4.890	Fig.34
	1732.5	20175		25	0	4.880	Fig.26	4.900	Fig.29	4.900	Fig.32	4.900	Fig.35
	1752.5	20375		25	0	4.900	Fig.27	4.920	Fig.30	4.860	Fig.33	4.890	Fig.36
	1715	20000	10	50	0	9.700	Fig.37	9.660	Fig.40	9.700	Fig.43	9.680	Fig.46
	1732.5	20175		50	0	9.680	Fig.38	9.660	Fig.41	9.680	Fig.44	9.700	Fig.47
	1750	20350		50	0	9.700	Fig.39	9.680	Fig.42	9.680	Fig.45	9.680	Fig.48
	1717.5	20025	15	75	0	14.760	Fig.49	14.700	Fig.52	14.760	Fig.55	14.820	Fig.58
	1732.5	20175		75	0	14.820	Fig.50	14.700	Fig.53	14.790	Fig.56	14.760	Fig.59
	1747.5	20325		75	0	14.790	Fig.51	14.850	Fig.54	14.880	Fig.57	14.760	Fig.60
	1720	20050	20	100	0	19.640	Fig.61	19.520	Fig.64	19.520	Fig.67	19.400	Fig.70
	1732.5	20175		100	0	19.520	Fig.62	19.440	Fig.65	19.520	Fig.68	19.360	Fig.71
	1745	20300		100	0	19.640	Fig.63	19.480	Fig.66	19.520	Fig.69	19.560	Fig.72

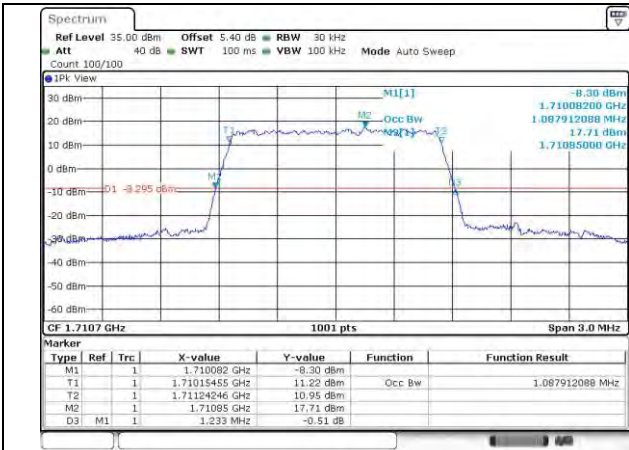


Fig.1

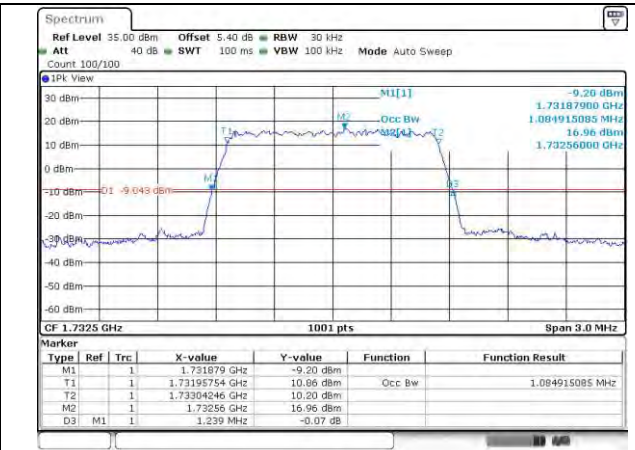


Fig.2

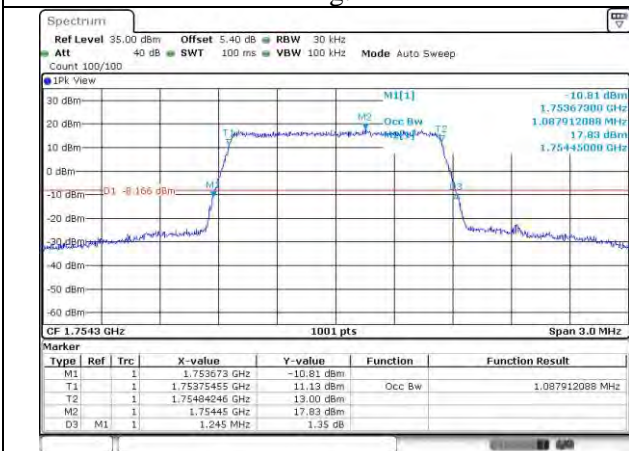


Fig.3

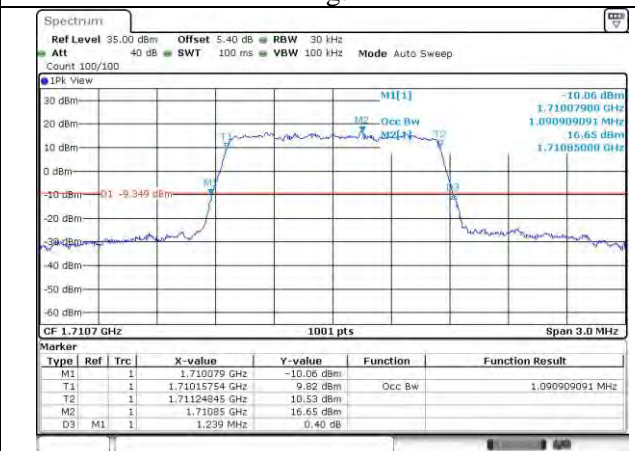


Fig.4

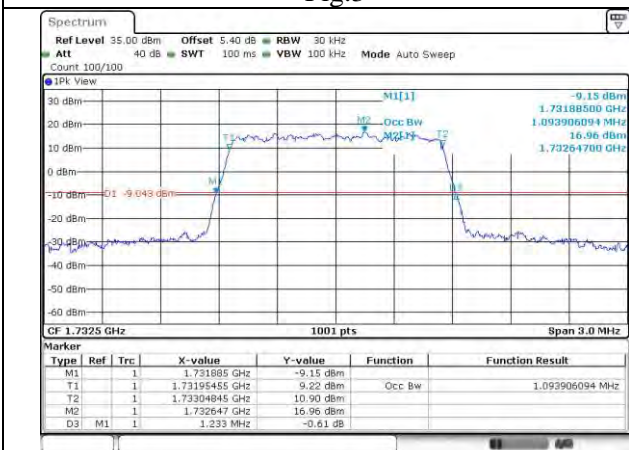


Fig.5

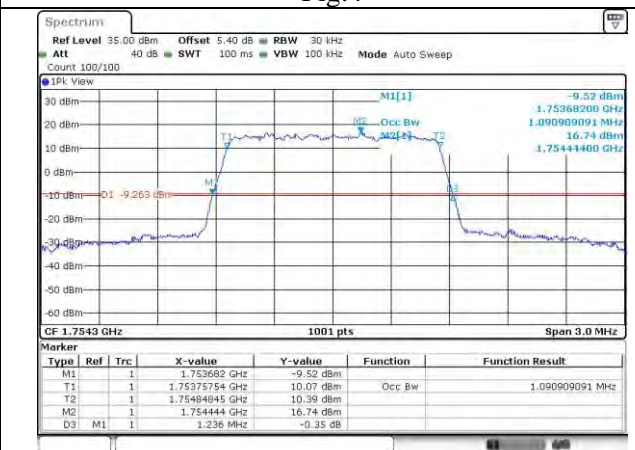


Fig.6

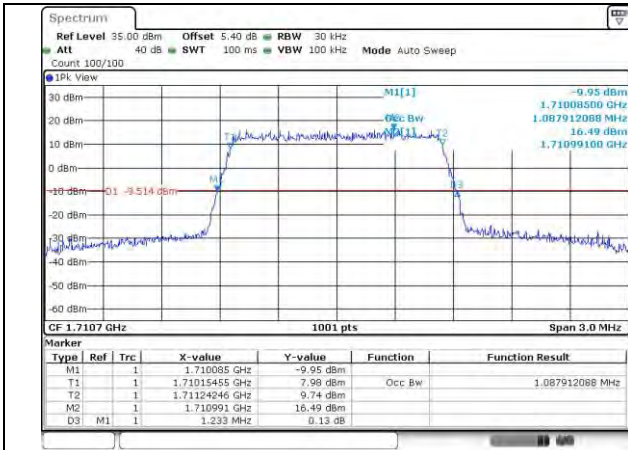


Fig.7

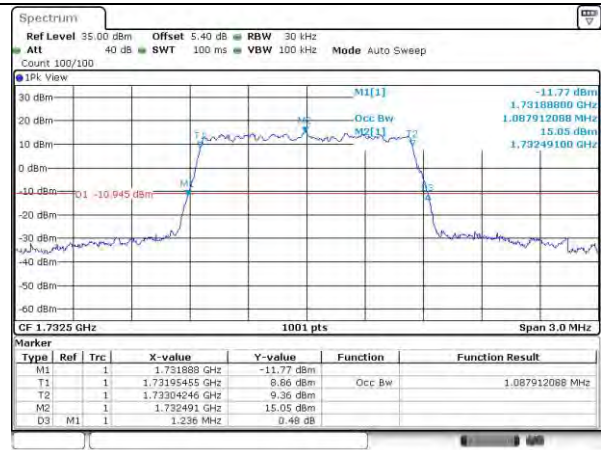


Fig.8

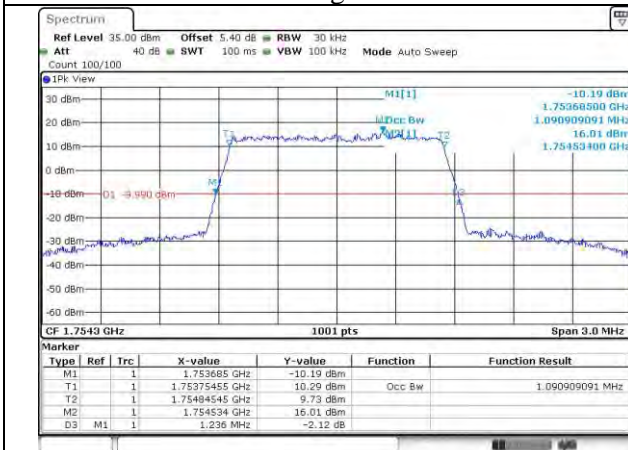


Fig.9

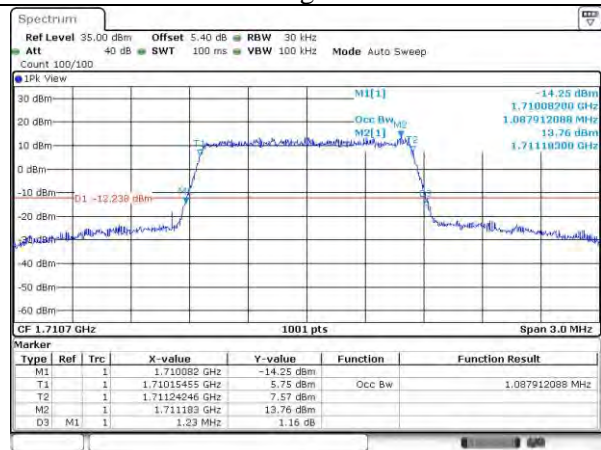


Fig.10

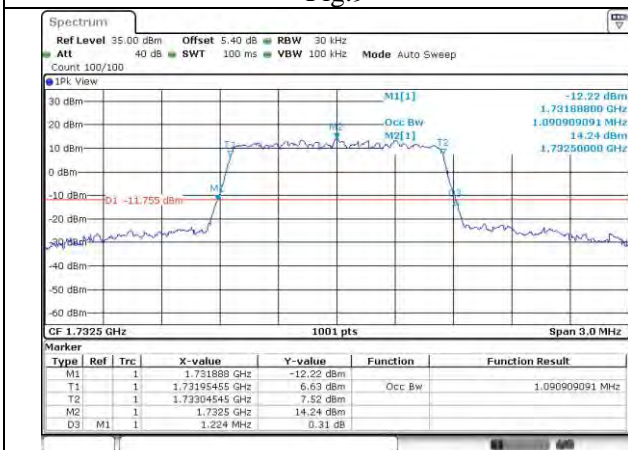


Fig.11

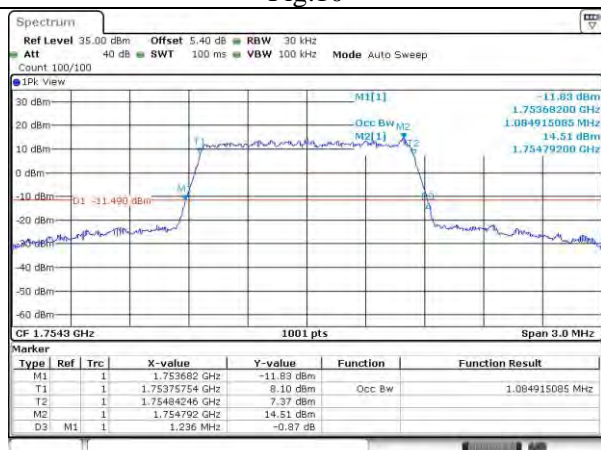


Fig.12

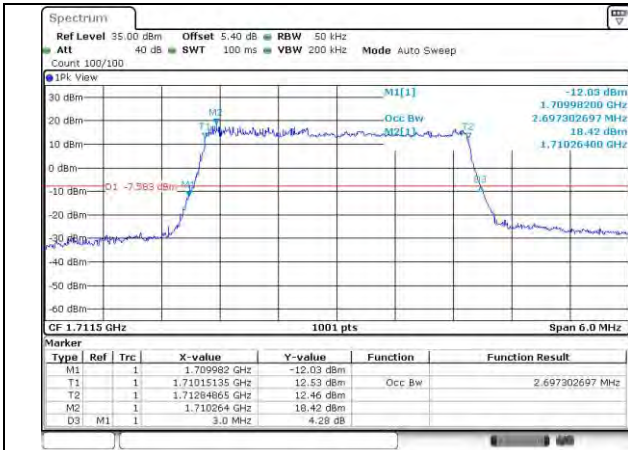


Fig.13

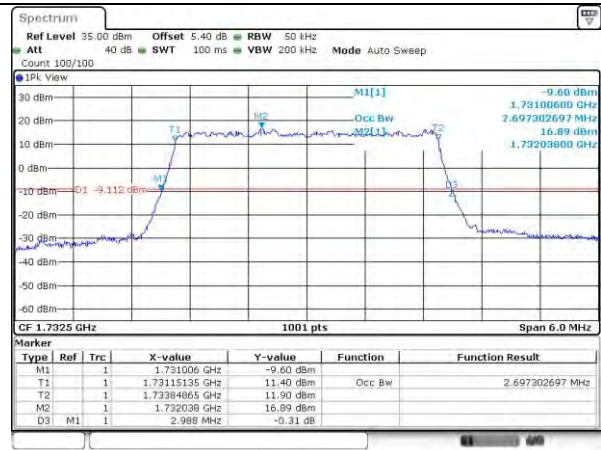


Fig.14

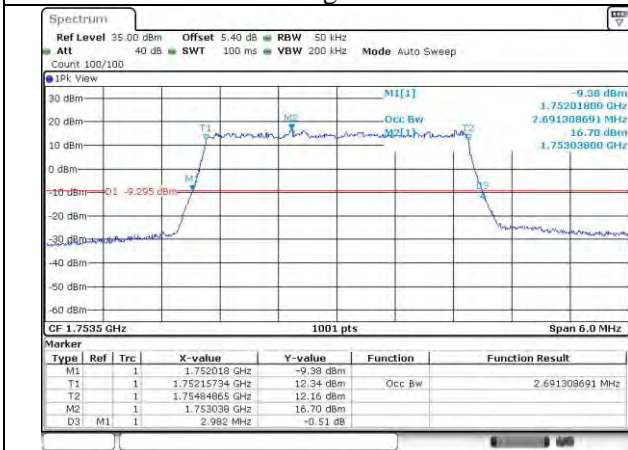


Fig.15

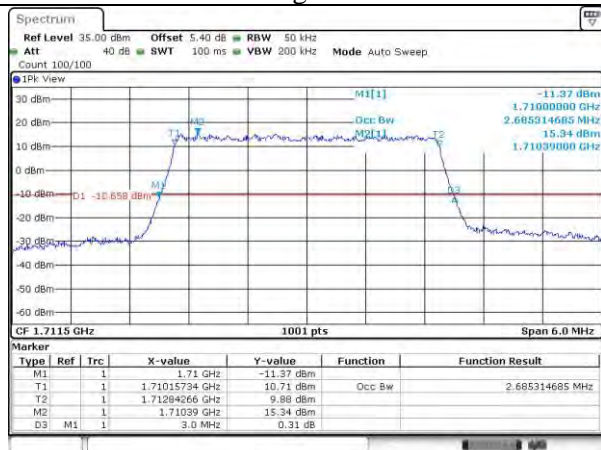


Fig.16

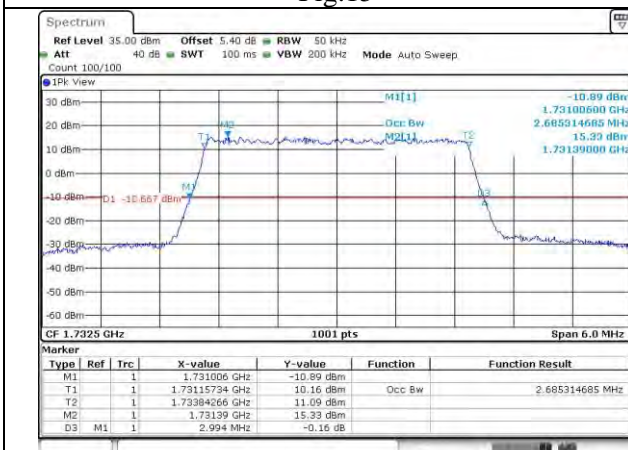


Fig.17

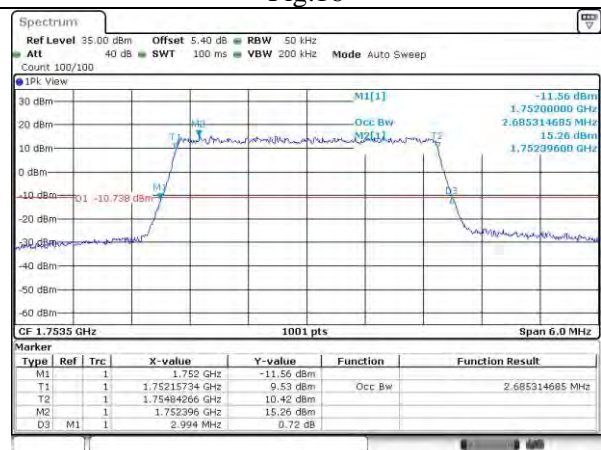


Fig.18

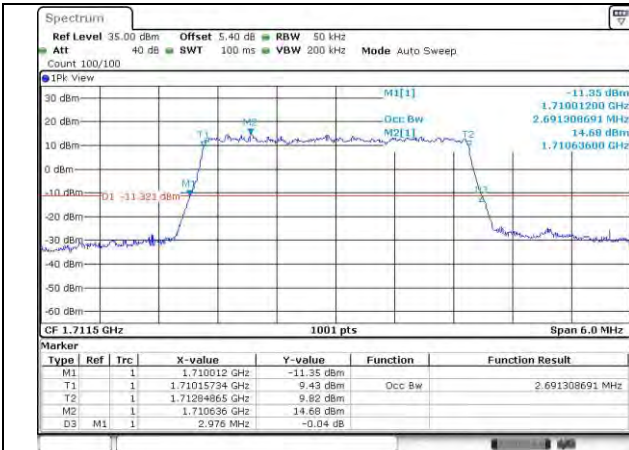


Fig.19

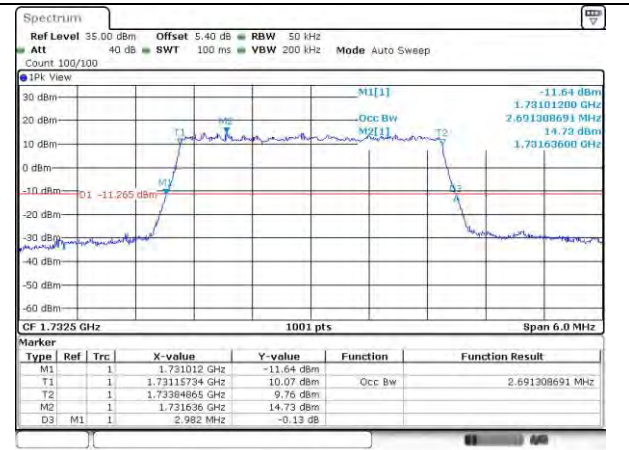


Fig.20

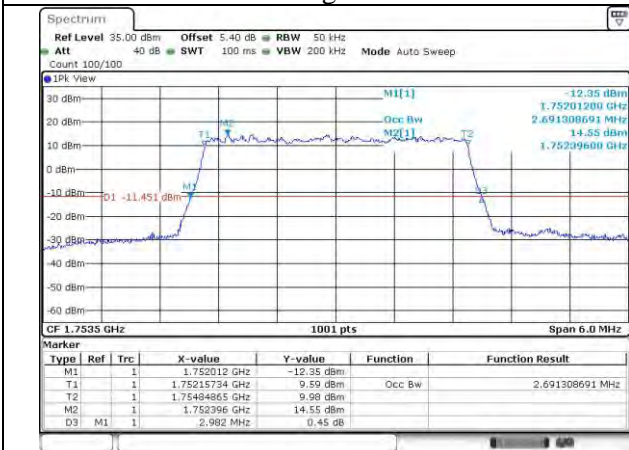


Fig.21

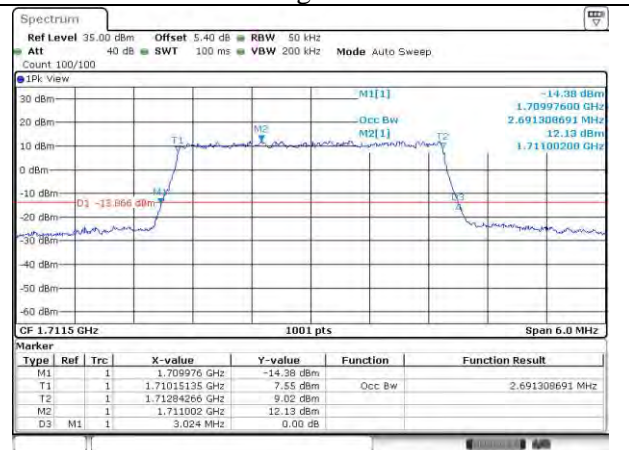


Fig.22

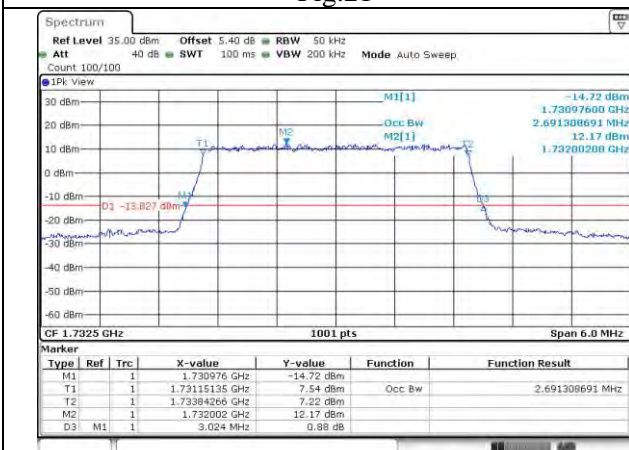


Fig.23

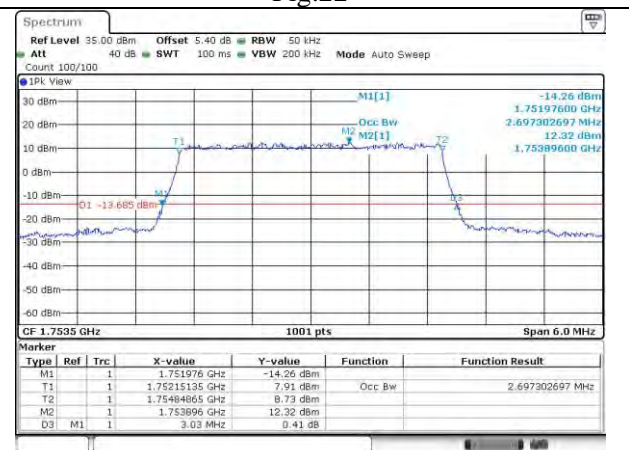


Fig.24

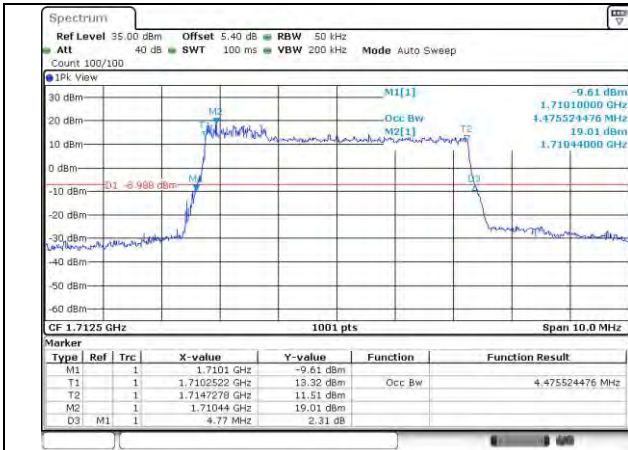


Fig.25

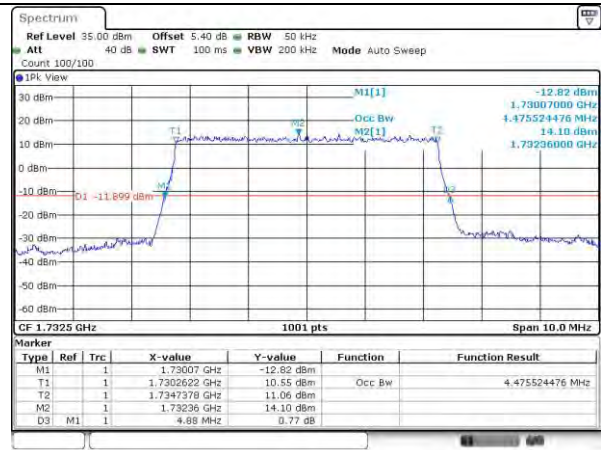


Fig.26

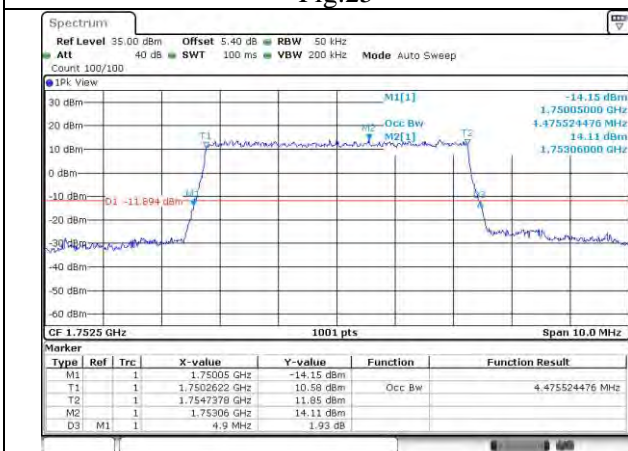


Fig.27

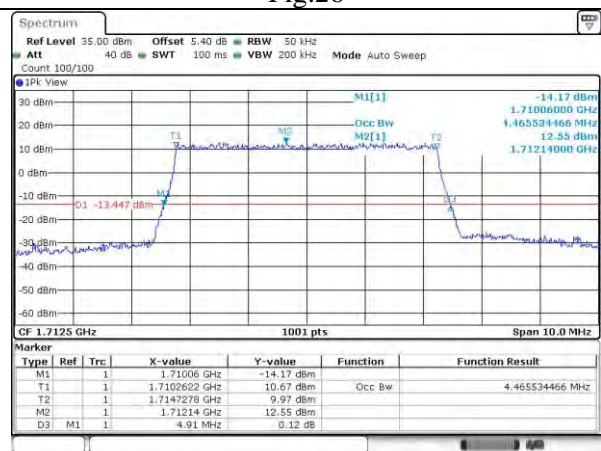


Fig.28

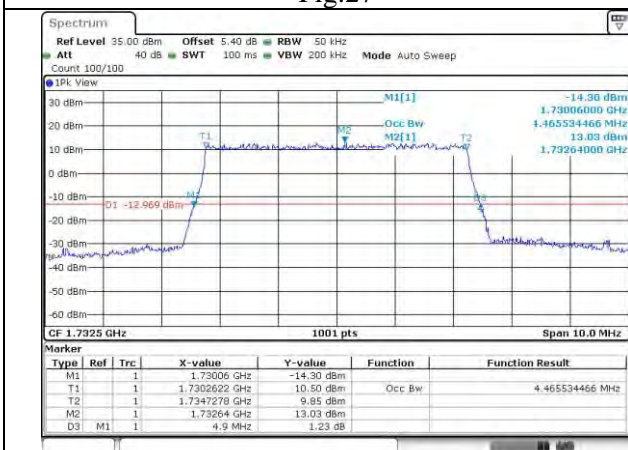


Fig.29

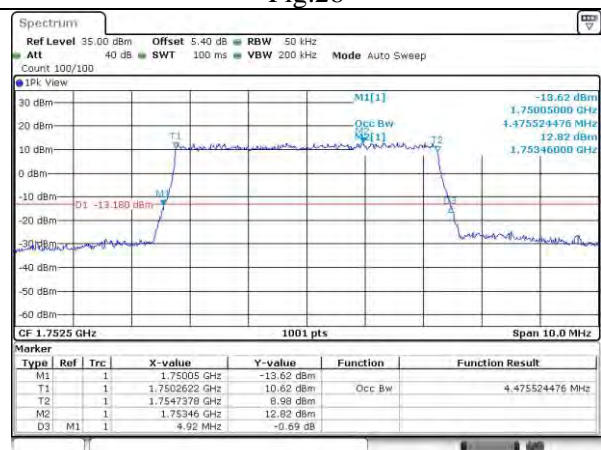


Fig.30

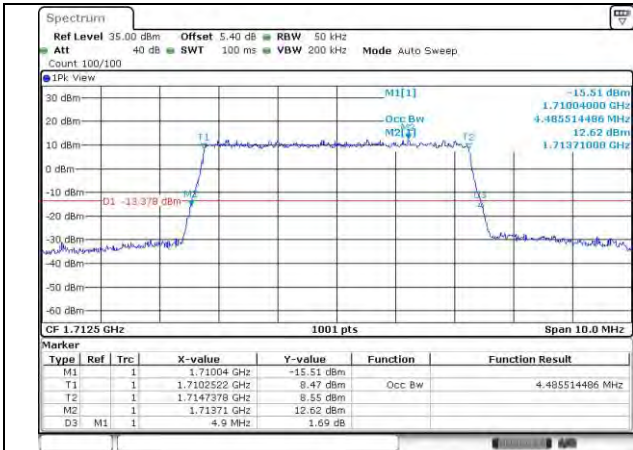


Fig.31

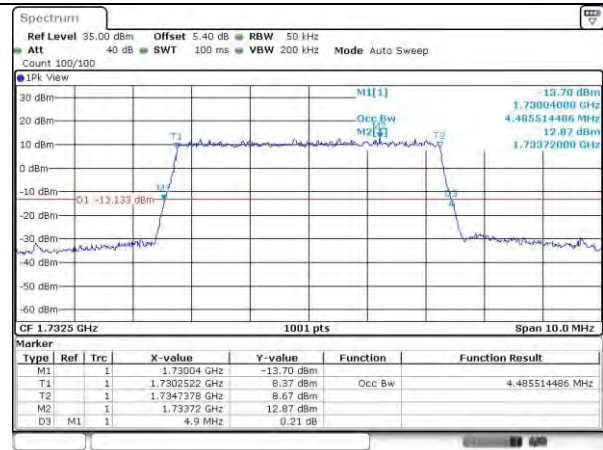


Fig.32

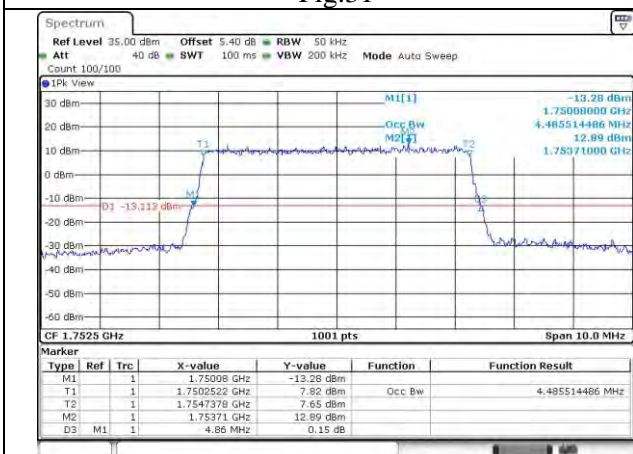


Fig.33

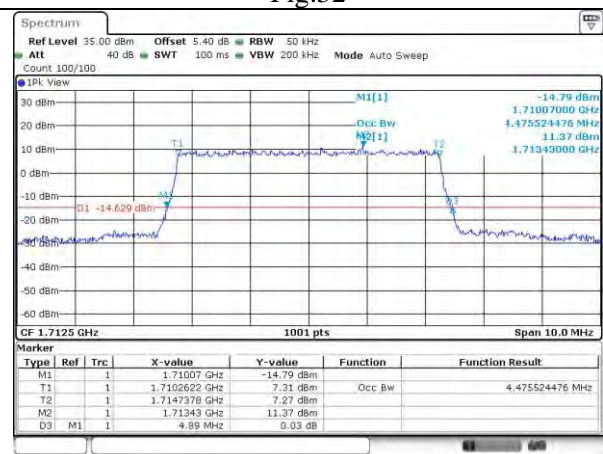


Fig.34

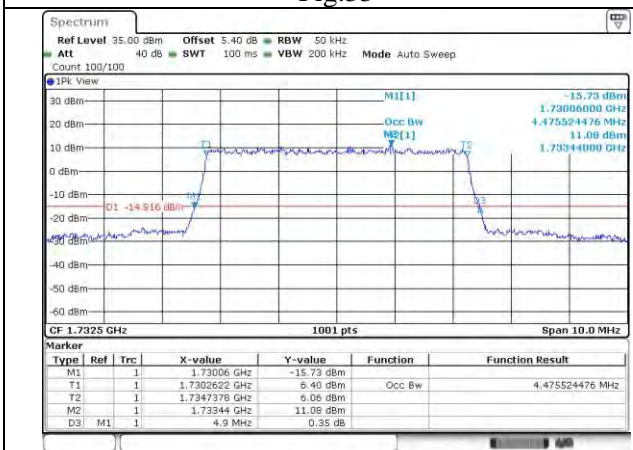


Fig.35

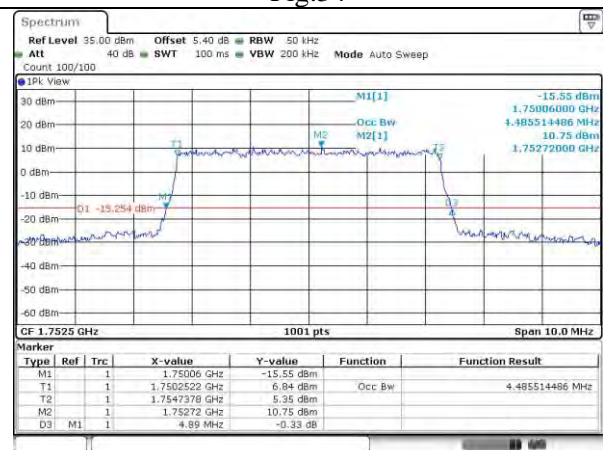


Fig.36

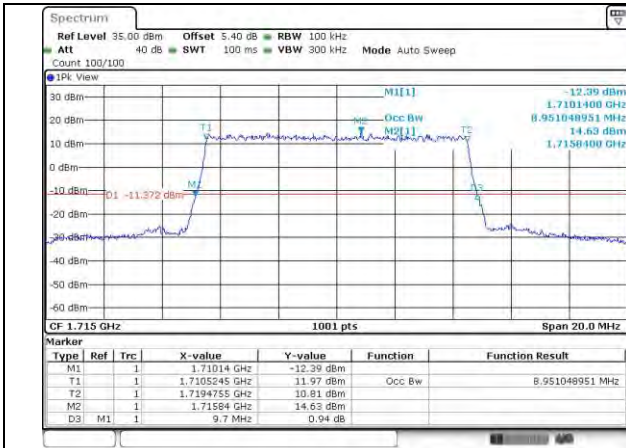


Fig.37

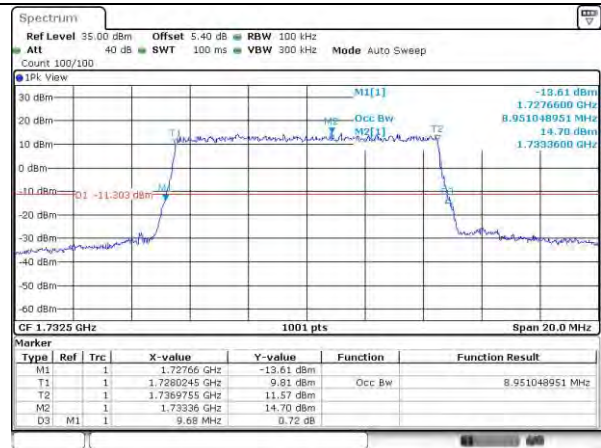


Fig.38

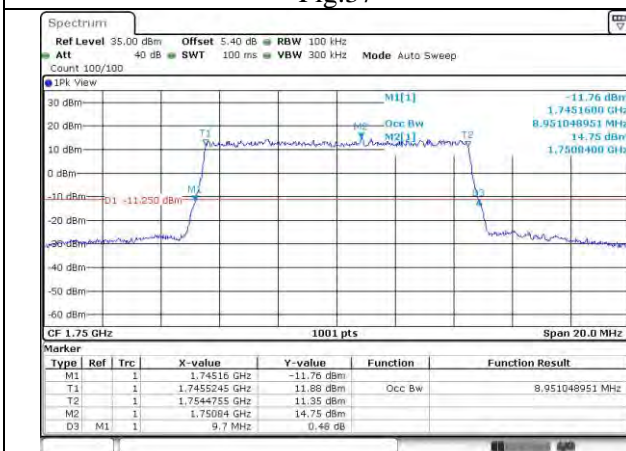


Fig.39

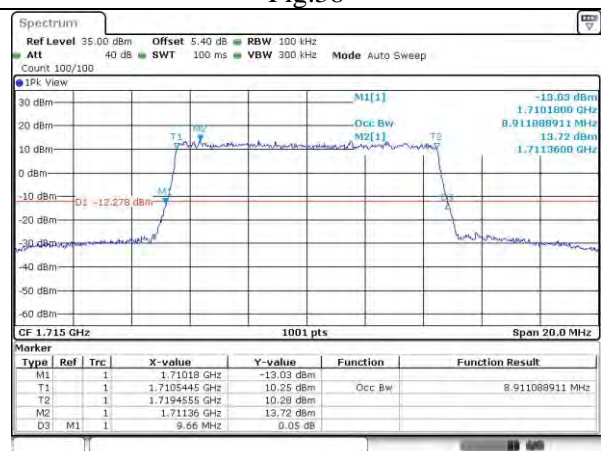


Fig.40

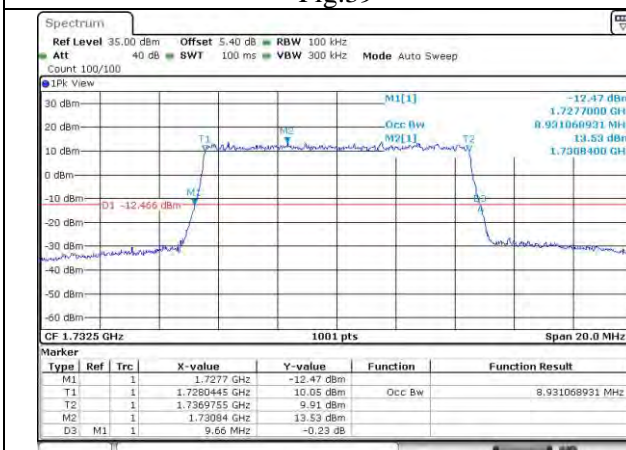


Fig.41

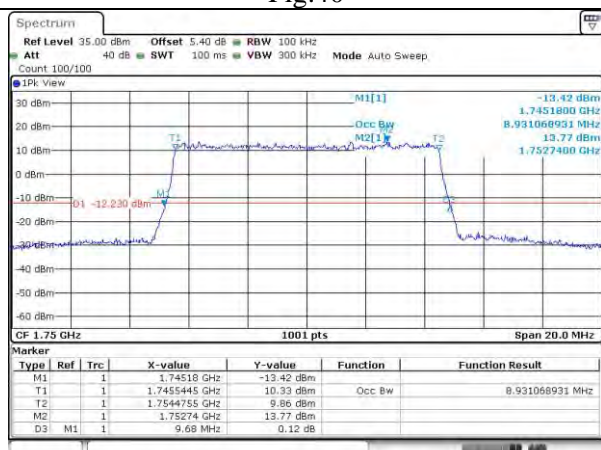


Fig.42

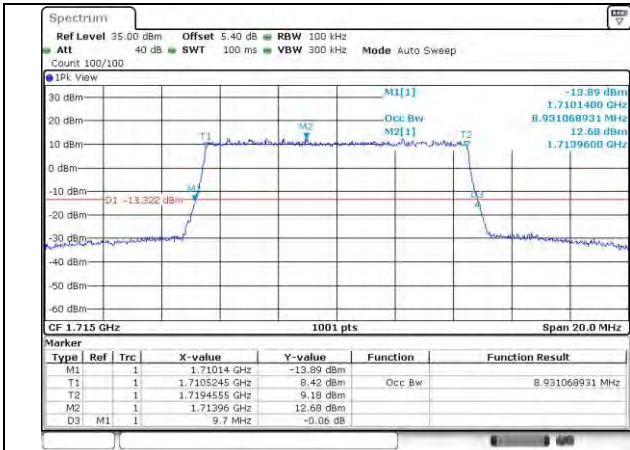


Fig.43

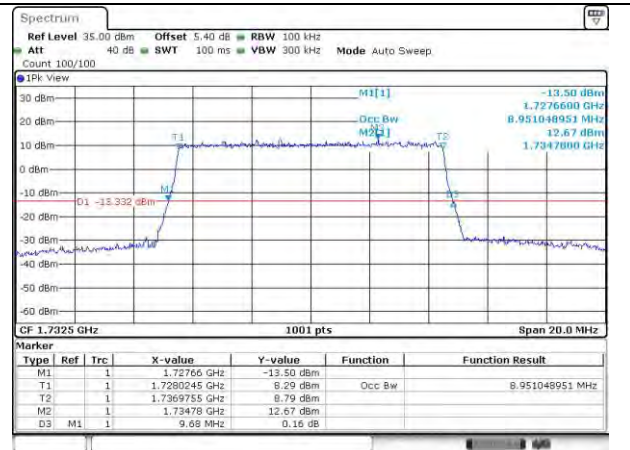


Fig.44

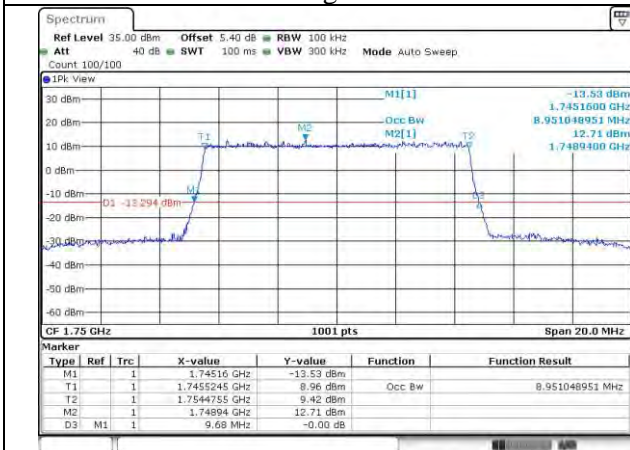


Fig.45

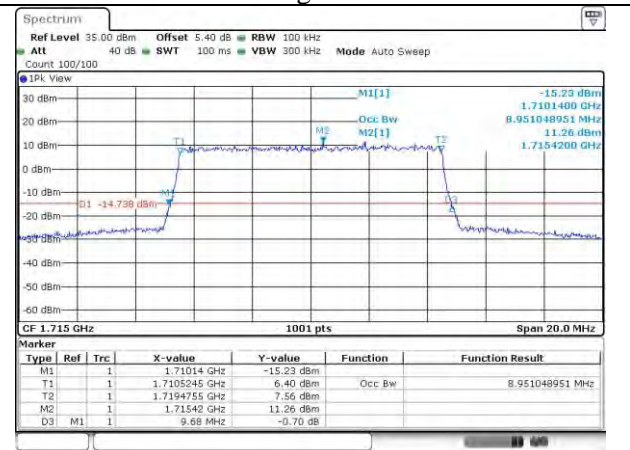


Fig.46

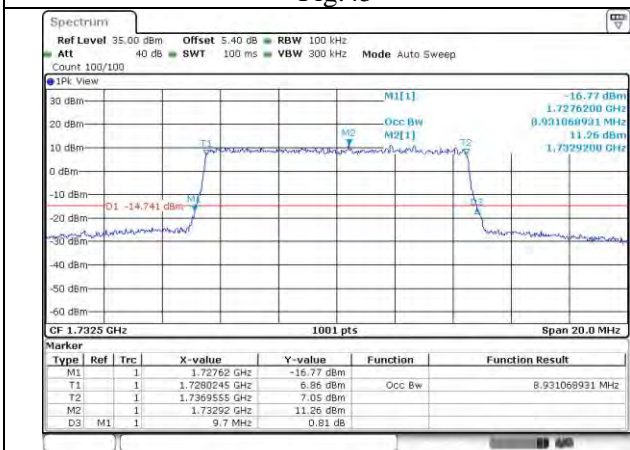


Fig.47

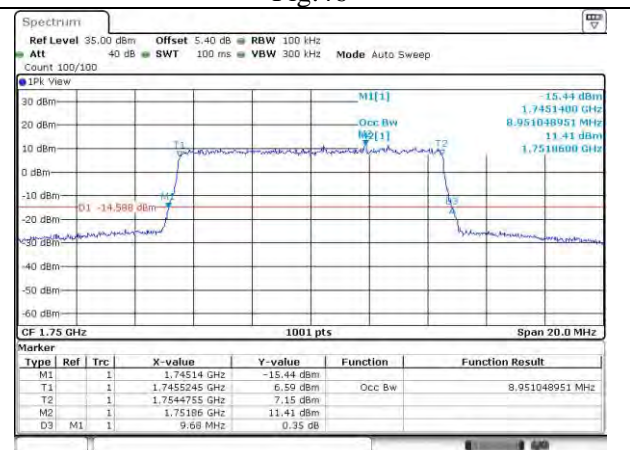


Fig.48



Fig.49

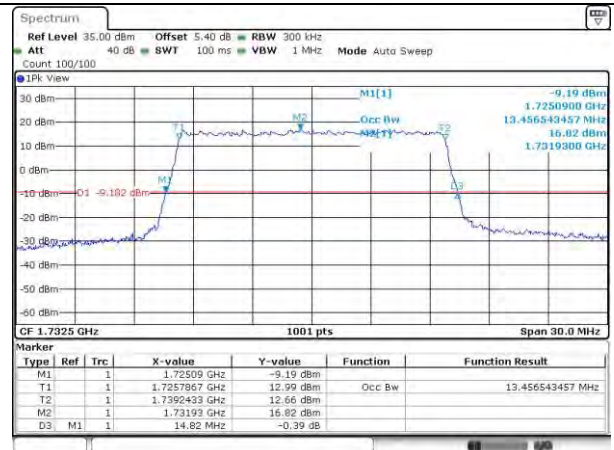


Fig.50

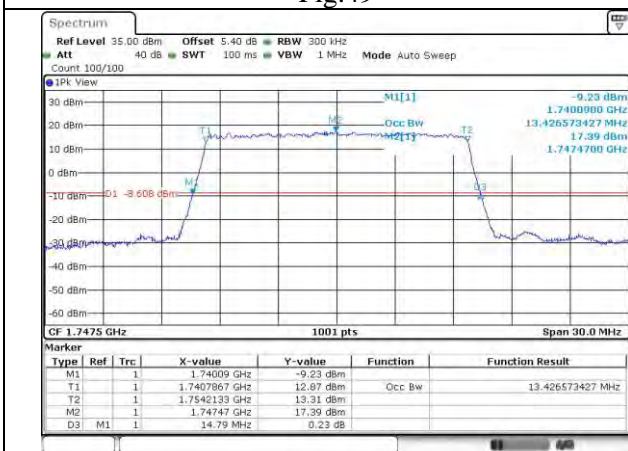


Fig.51

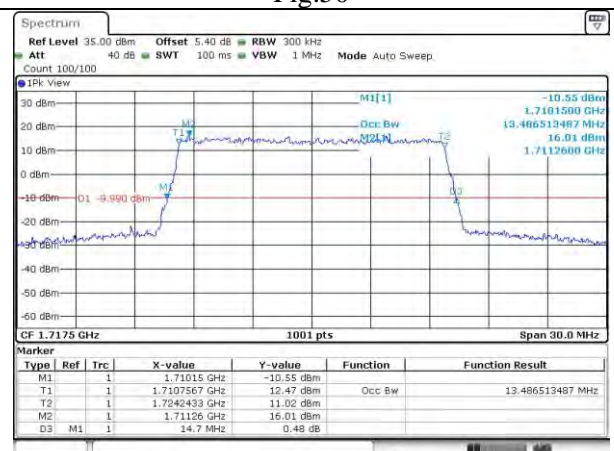


Fig.52

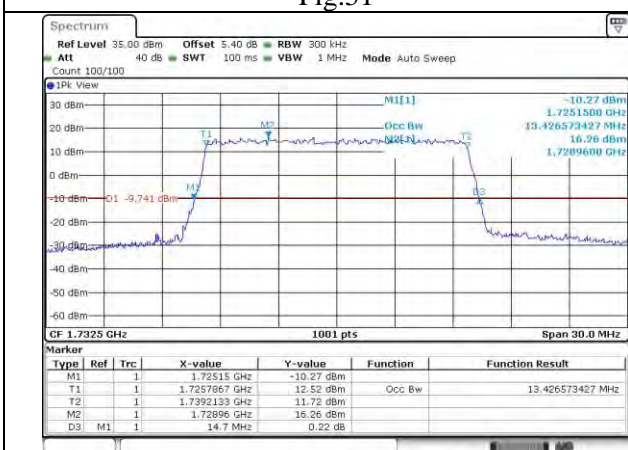


Fig.53

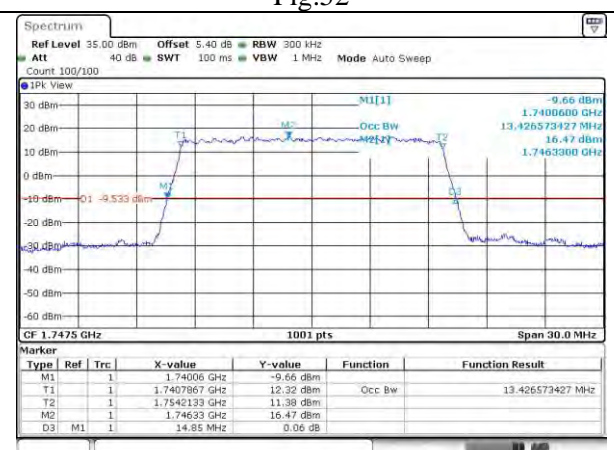


Fig.54

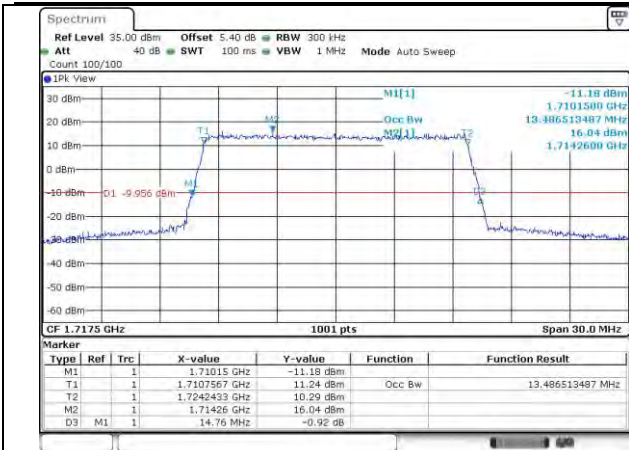


Fig.55

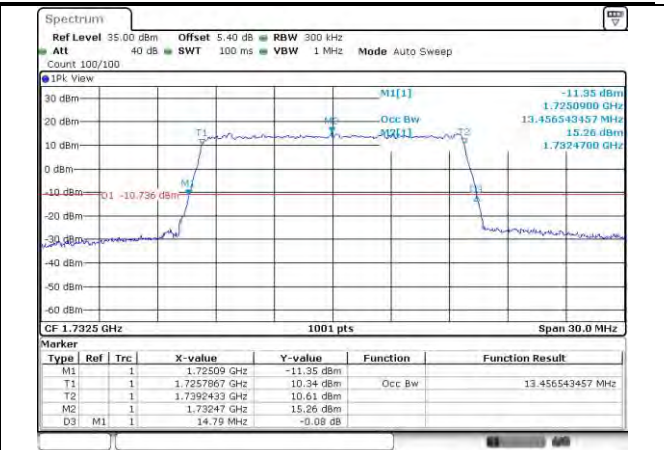


Fig.56

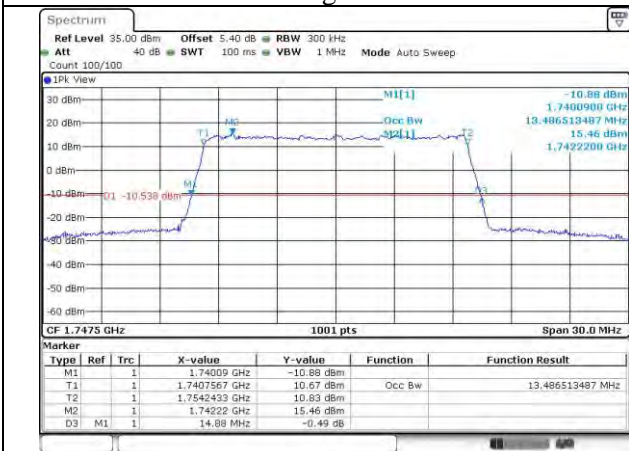


Fig.57

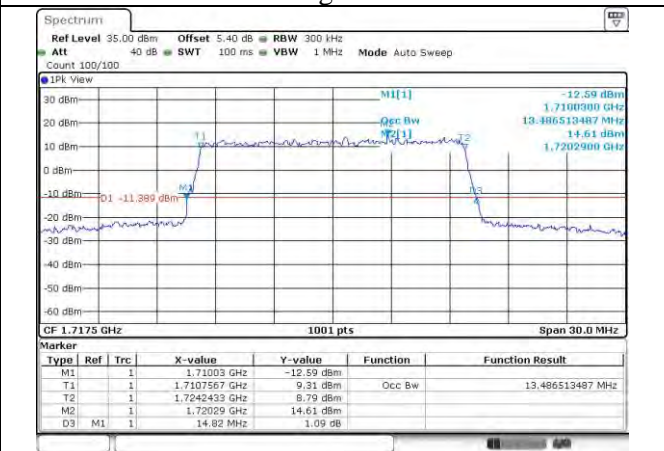


Fig.58

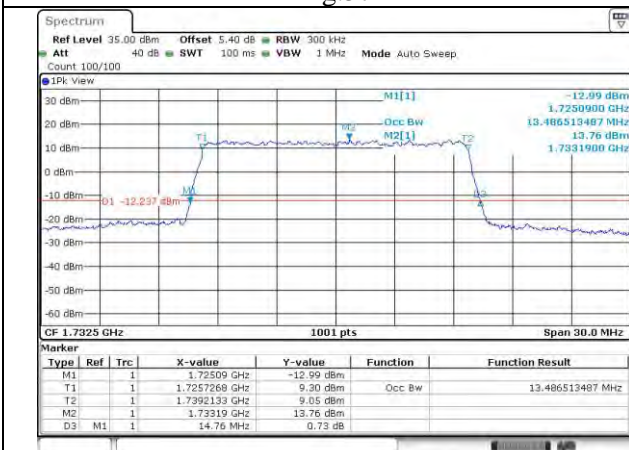


Fig.59

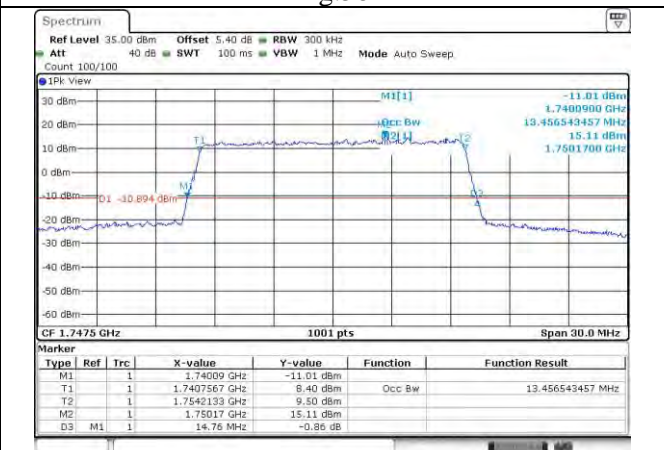


Fig.60

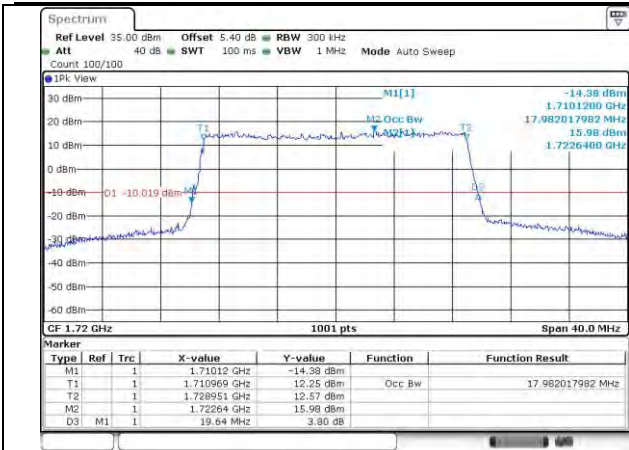


Fig.61

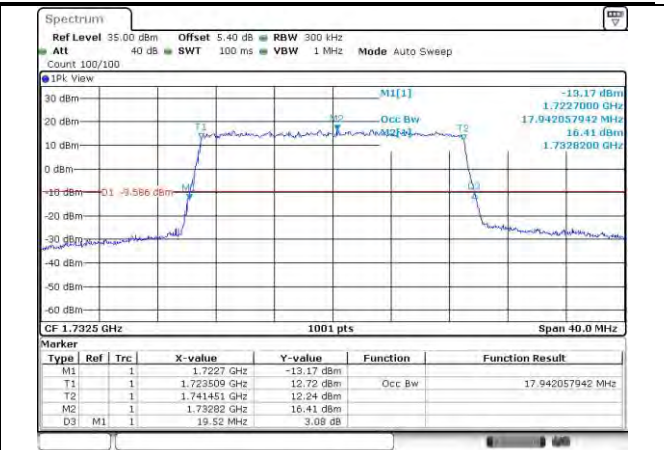


Fig.62

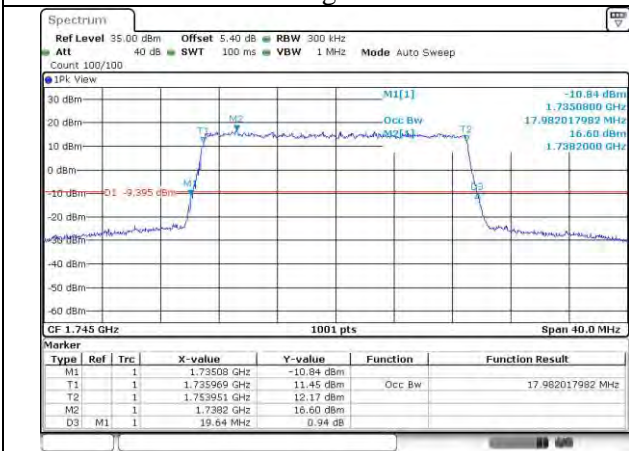


Fig.63

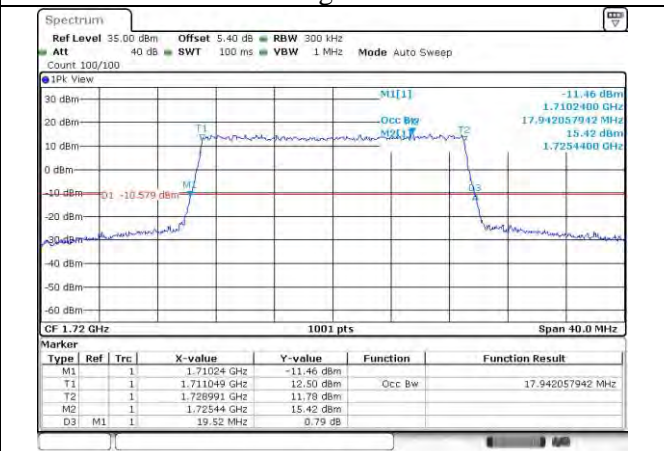


Fig.64

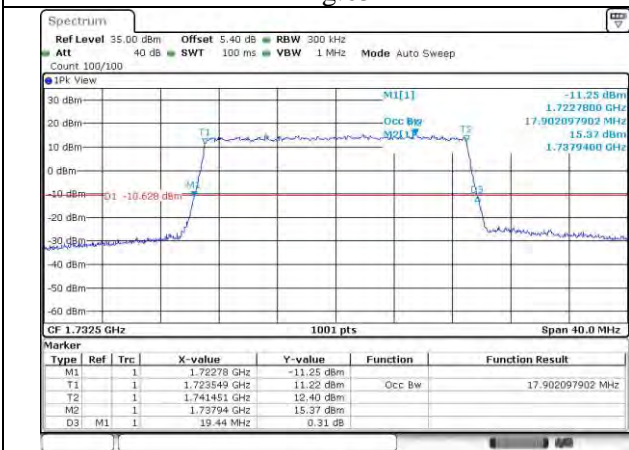


Fig.65

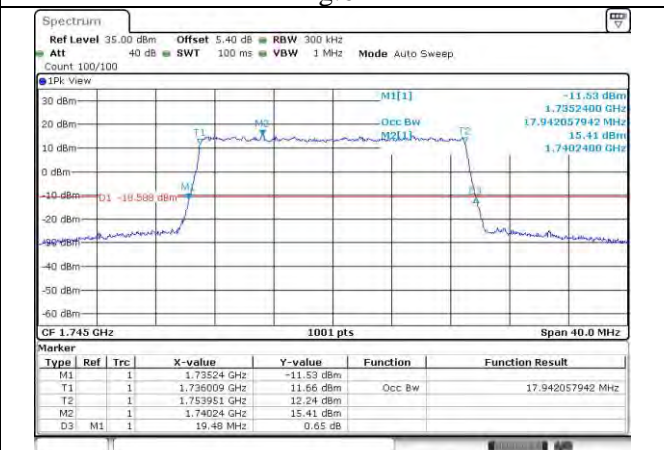
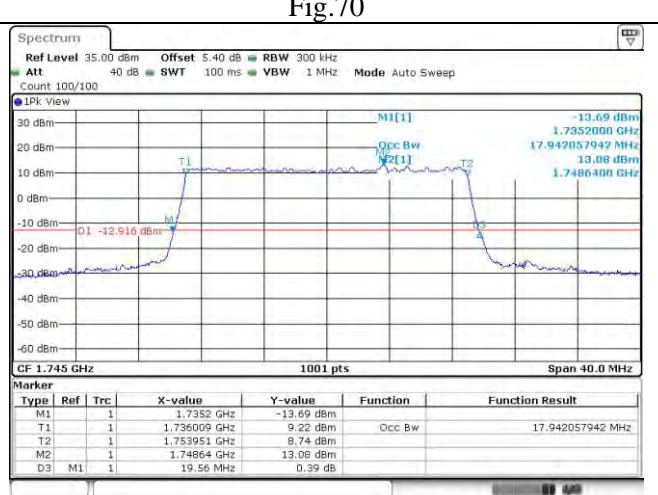
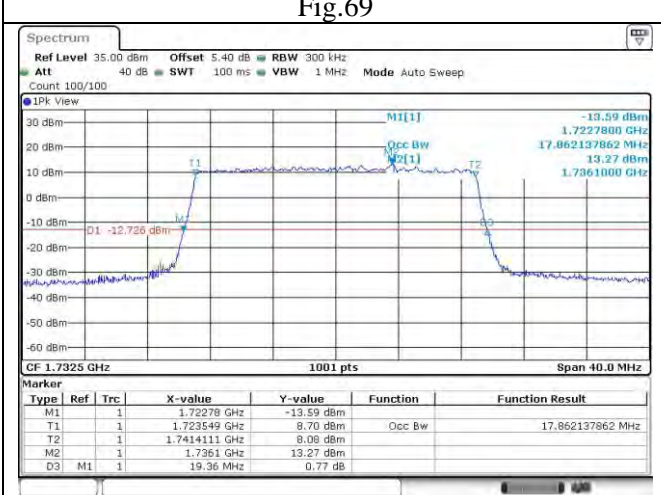
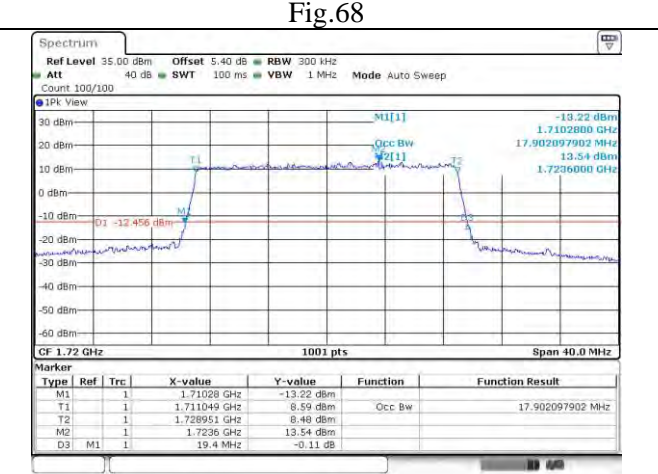
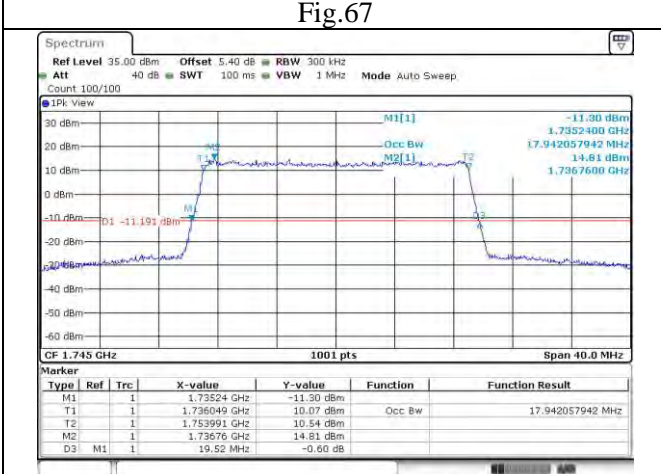
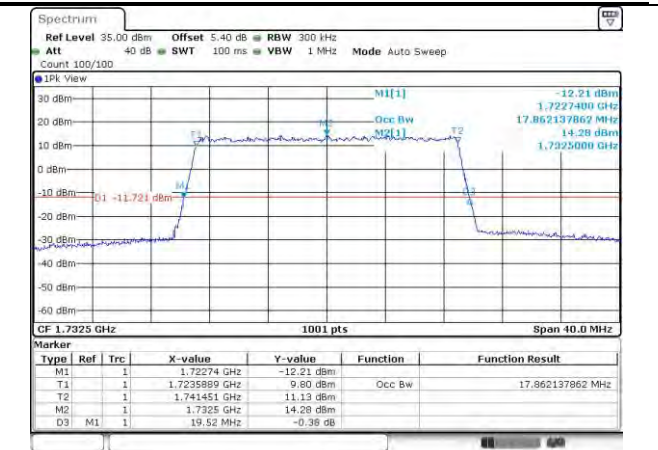
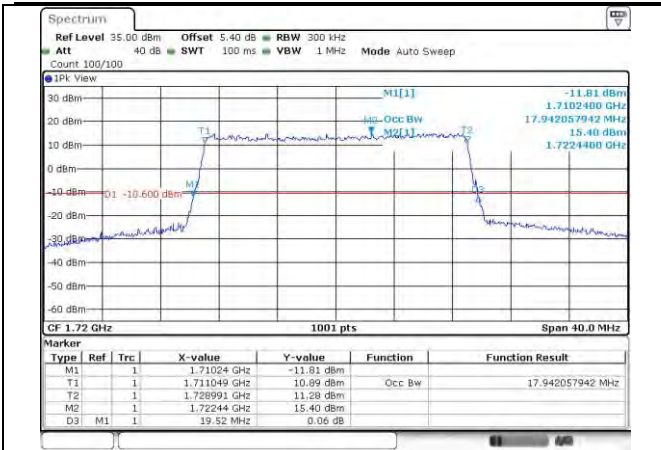


Fig.66



4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM	256-QAM
4	1720	20050	20	100	0	Fig.1	Fig.4	Fig.7	Fig.10
	1732.5	20175		100	0	Fig.2	Fig.5	Fig.8	Fig.11
	1745	20300		100	0	Fig.3	Fig.6	Fig.9	Fig.12

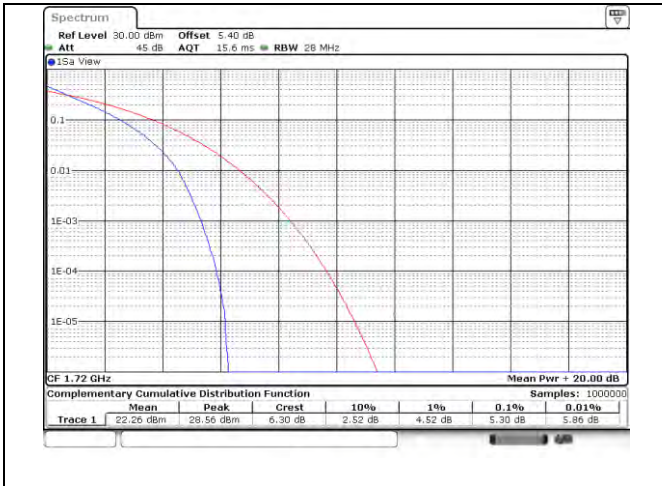


Fig.1

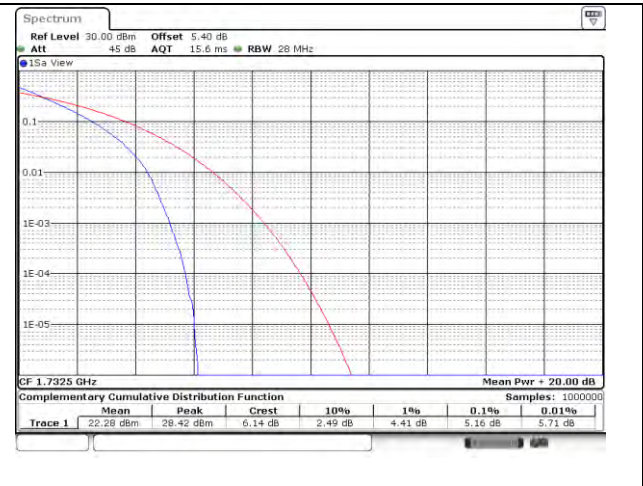


Fig.2

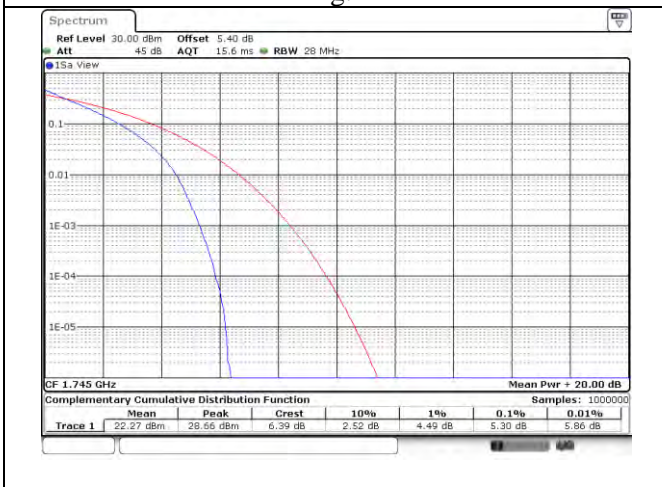


Fig.3

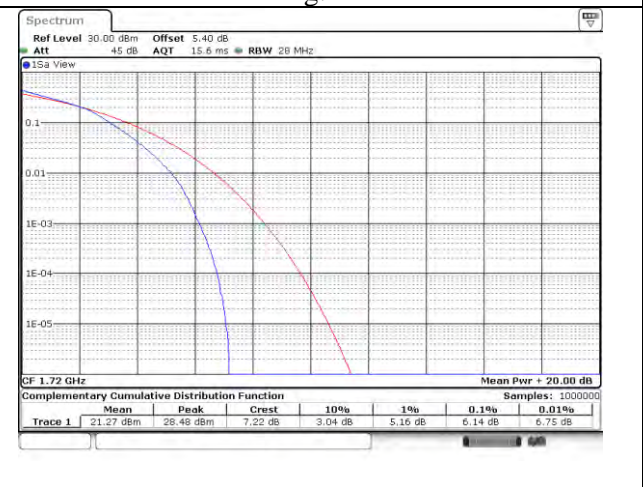


Fig.4

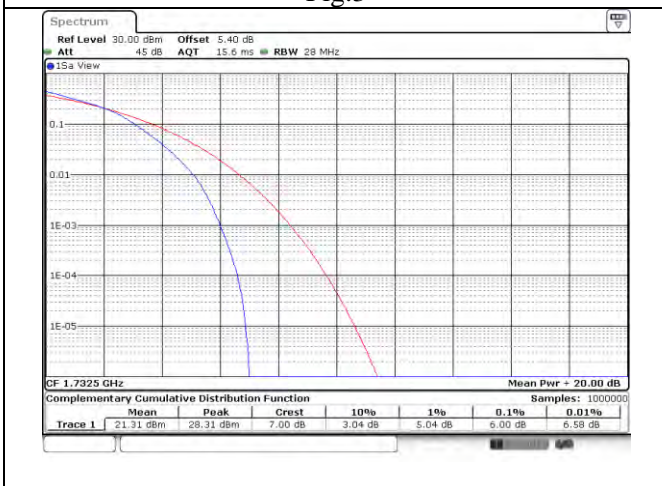


Fig.5

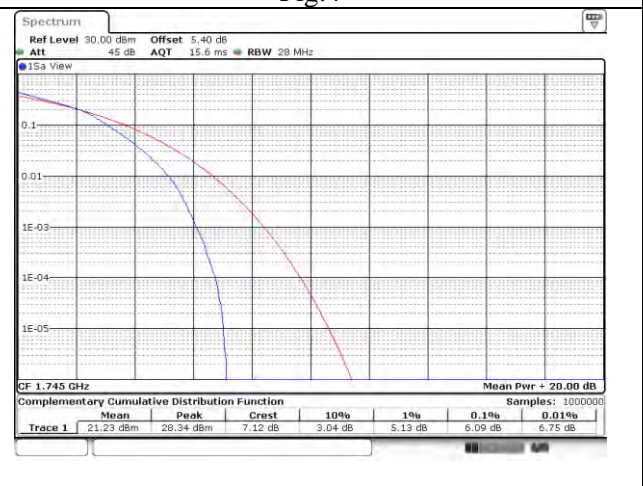


Fig.6

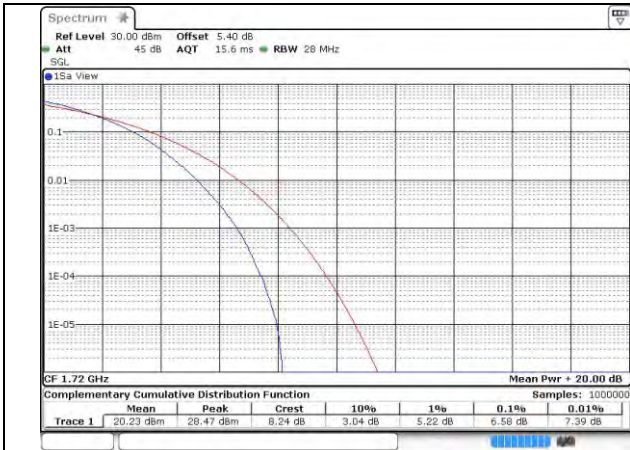


Fig.7

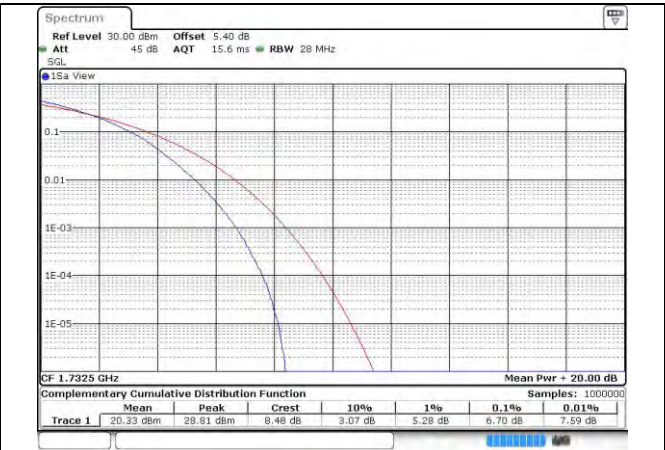


Fig.8

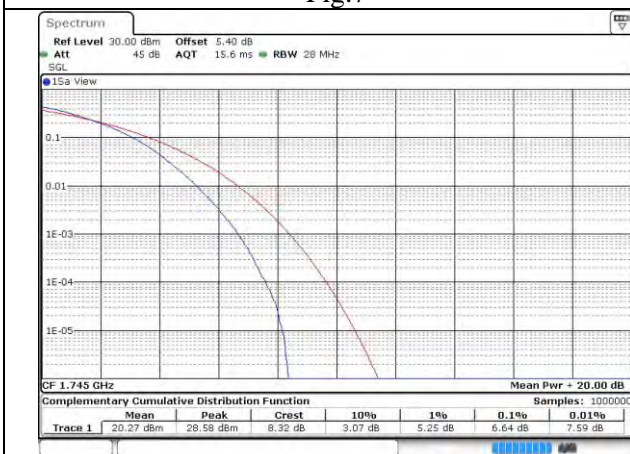


Fig.9

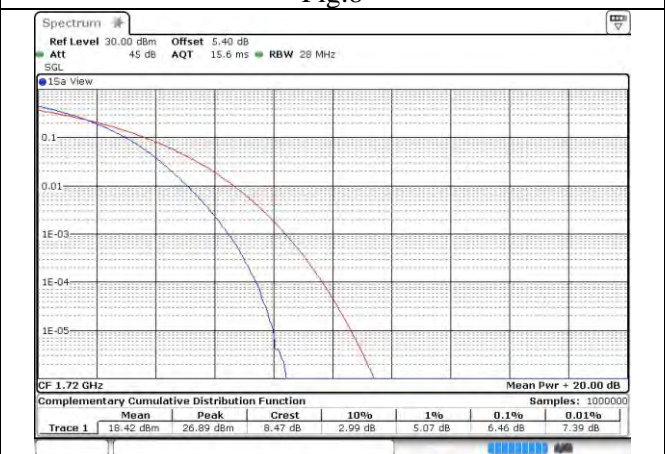


Fig.10

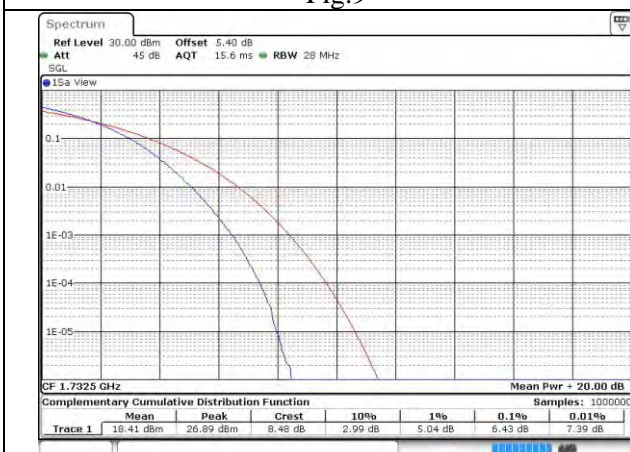


Fig.11

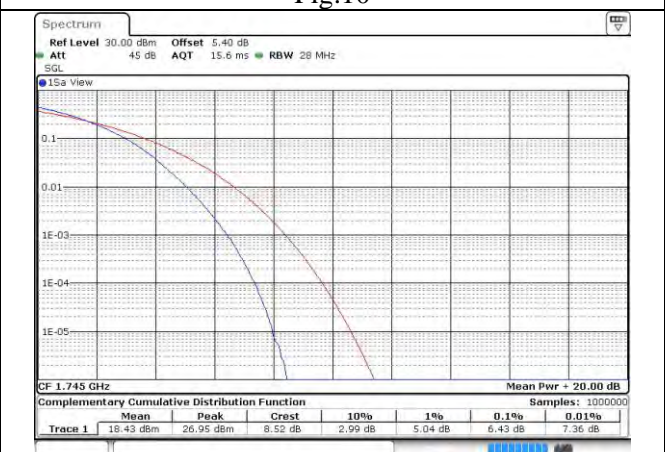


Fig.12

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
4	1720	20050	20	1	0	Fig.1
	1732.5	20175		1	0	Fig.2
	1745	20300		1	0	Fig.3

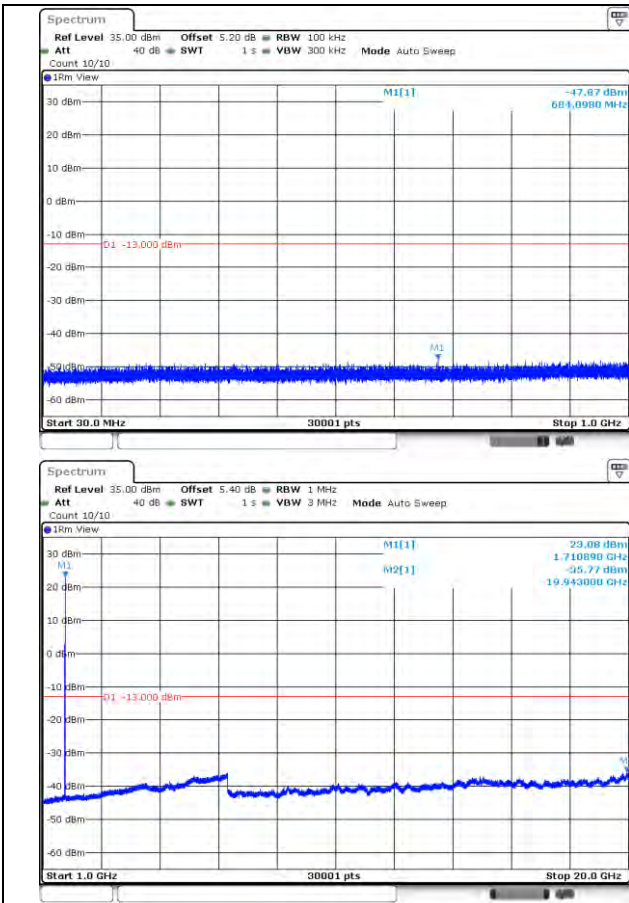


Fig.1

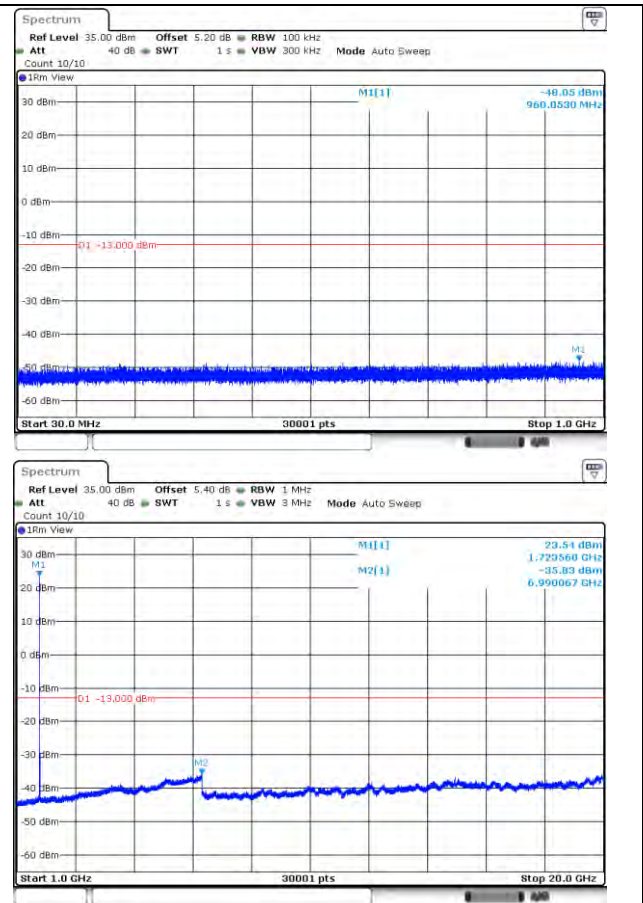
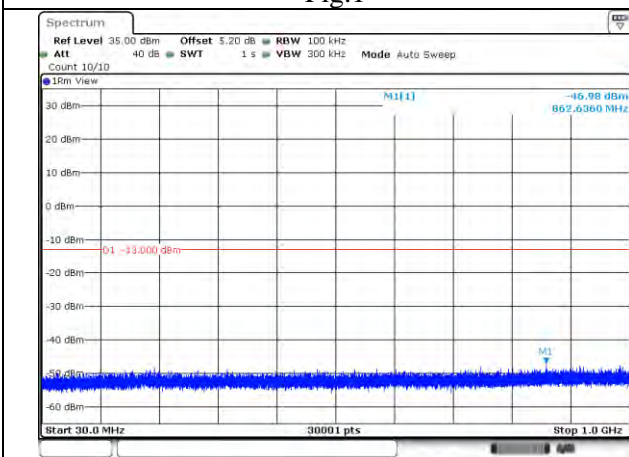


Fig.2



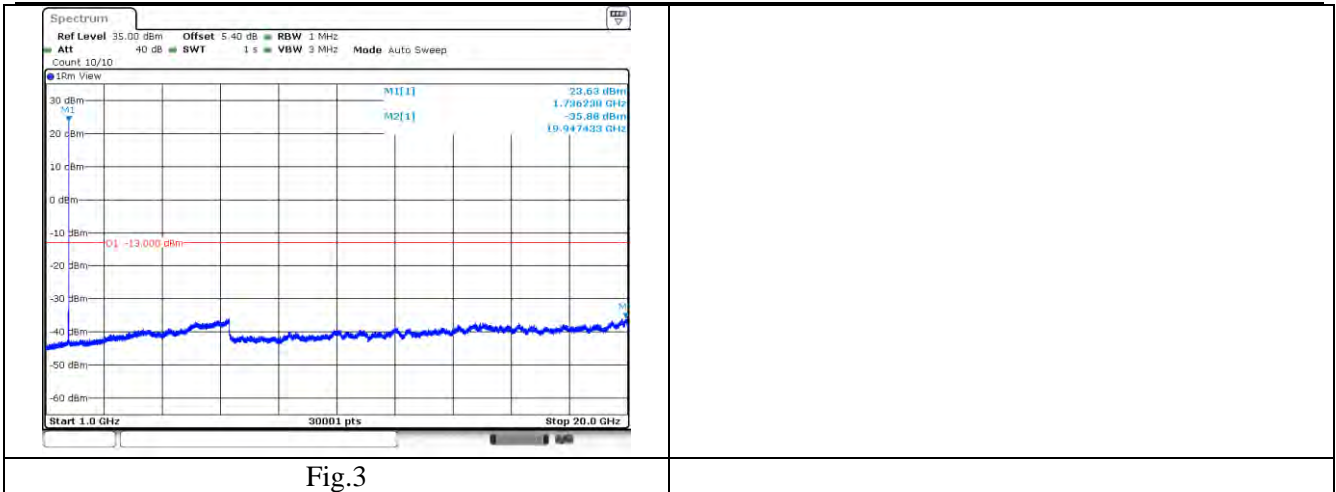


Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
4	1710.7	19957	1.4	1	0	Fig.1
				6	0	Fig.2
	1754.3	20393		1	5	Fig.3
				6	0	Fig.4
	1711.5	19965	3	1	0	Fig.5
				15	0	Fig.6
				1	14	Fig.7
				15	0	Fig.8
	1712.5	19975	5	1	0	Fig.9
				25	0	Fig.10
				1	24	Fig.11
				25	0	Fig.12
	1715	20000	10	1	0	Fig.13
				50	0	Fig.14
				1	49	Fig.15
				50	0	Fig.16
	1717.5	20025	15	1	0	Fig.17
				75	0	Fig.18
				1	74	Fig.19
				75	0	Fig.20
	1720	20050	20	1	0	Fig.21
				100	0	Fig.22
				1	99	Fig.23
				100	0	Fig.24
1745	20300					

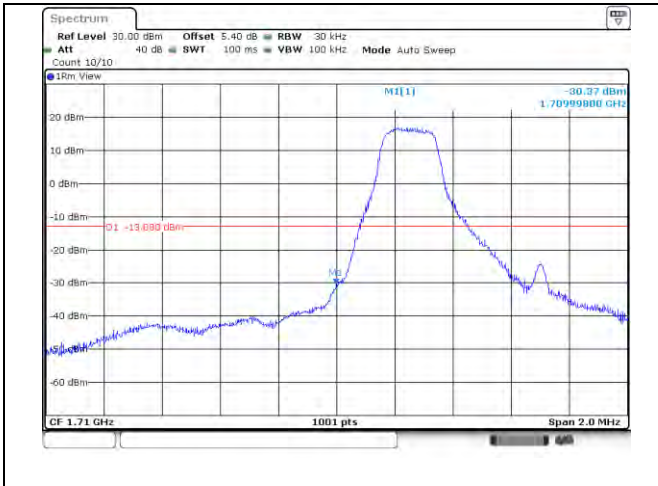


Fig.1

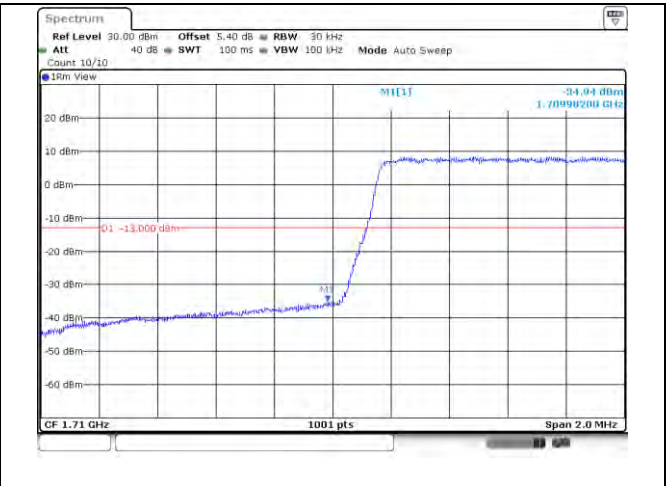


Fig.2

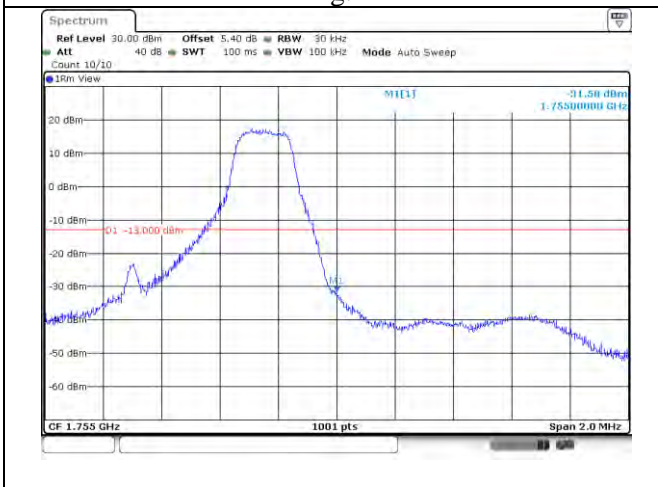


Fig.3

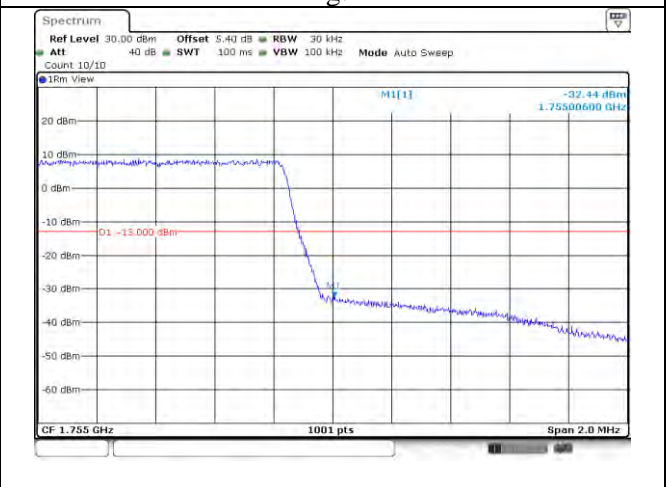


Fig.4

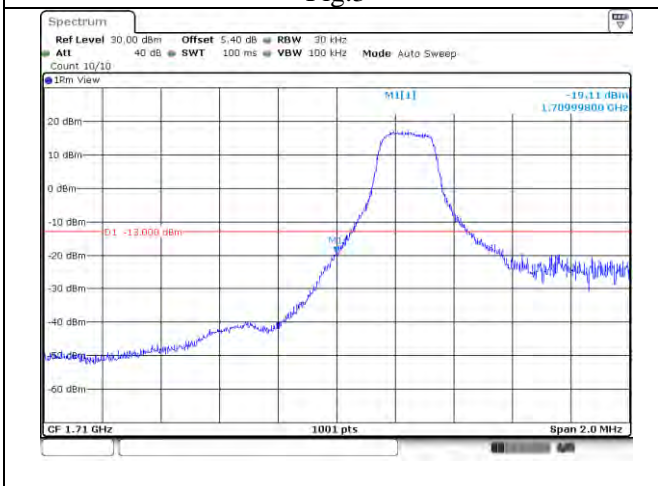


Fig.5

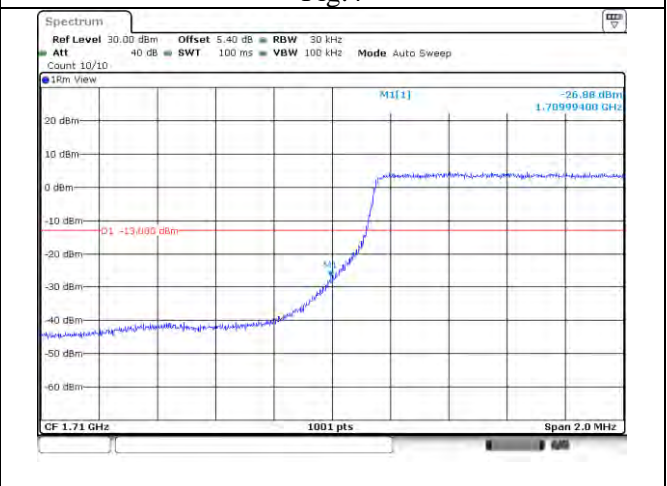


Fig.6

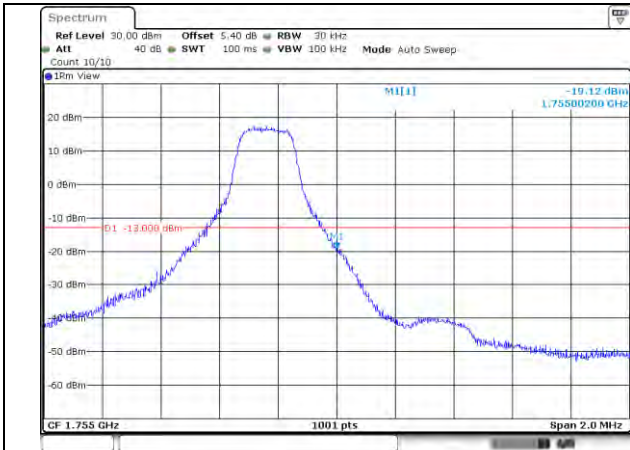


Fig.7



Fig.8



Fig.9



Fig.10



Fig.11



Fig.12

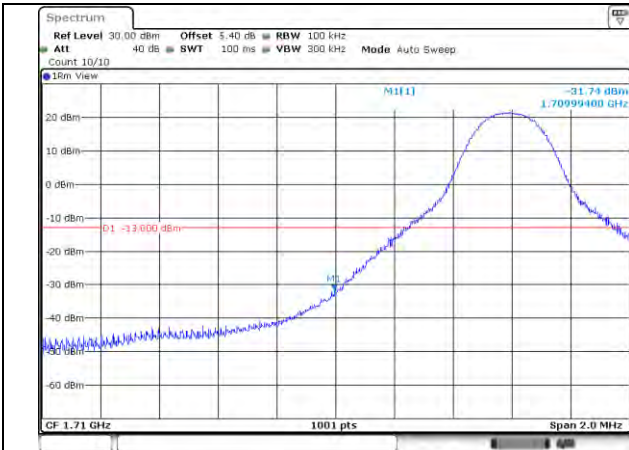


Fig.13

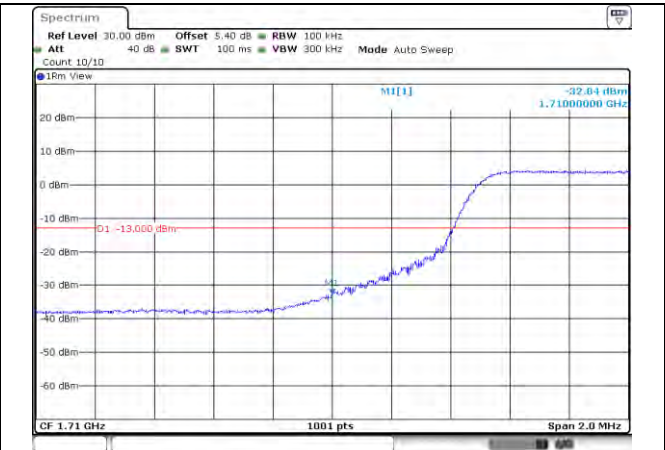


Fig.14

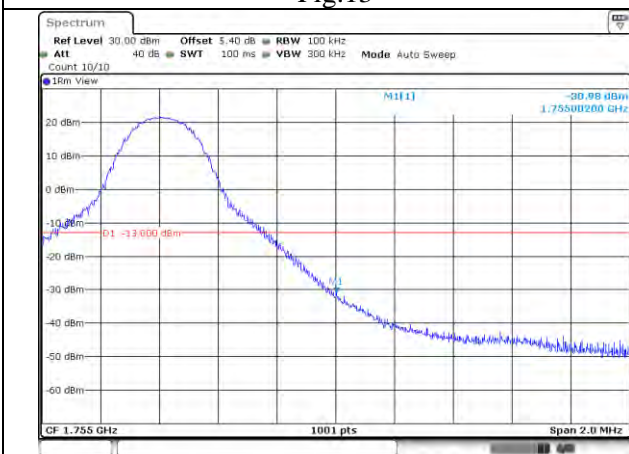


Fig.15

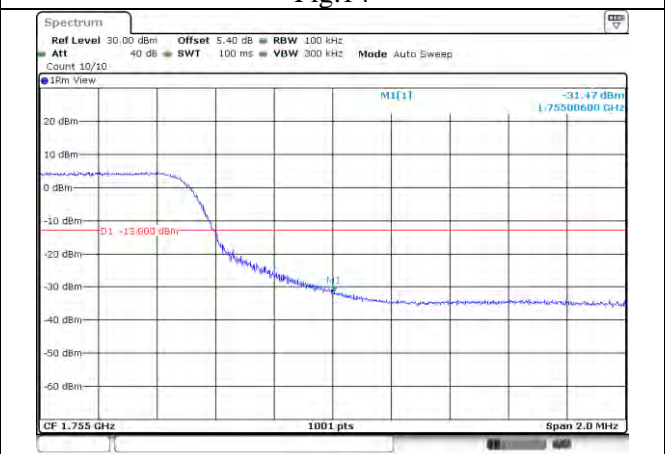


Fig.16



Fig.17

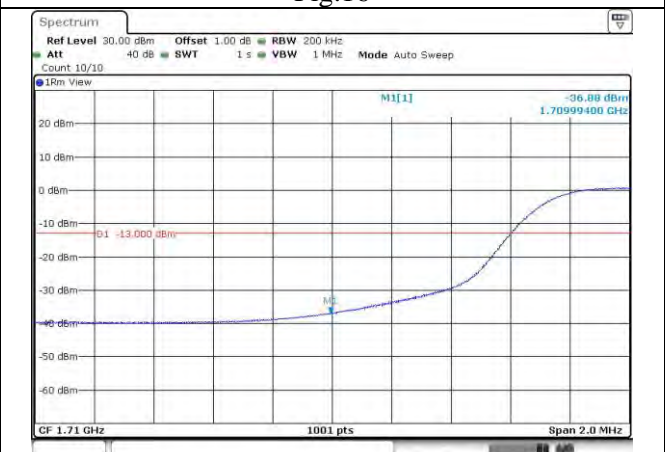


Fig.18



Fig.19



Fig.20

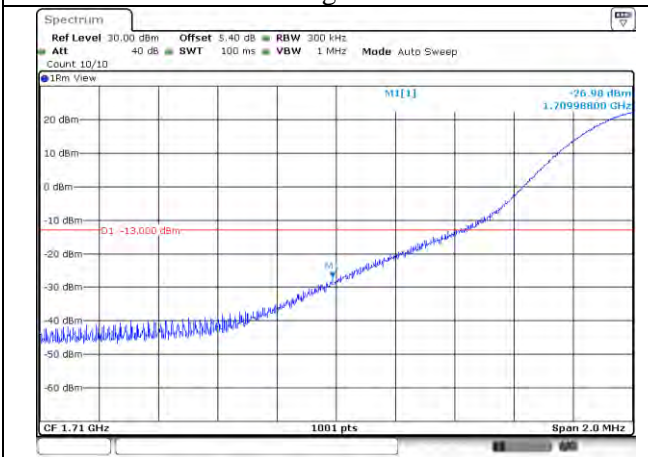


Fig.21



Fig.22

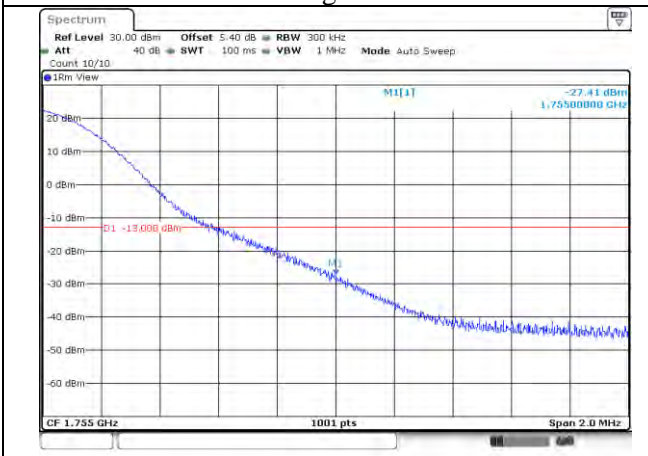


Fig.23

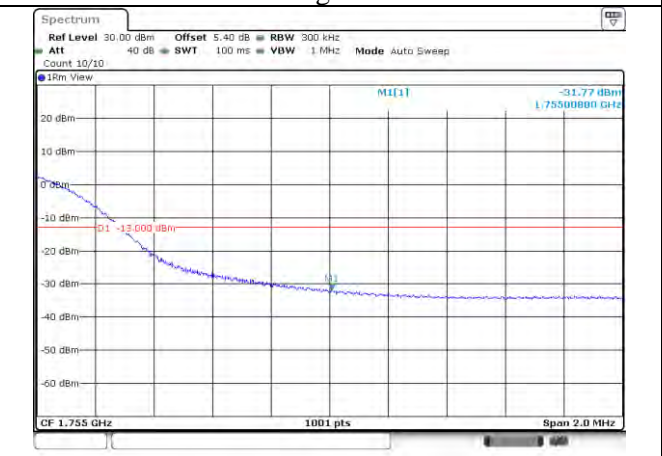


Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band4 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	---	---	---	---	---	-0.000174
-20	NV	---	---	---	---	---	-0.000116
-10	NV	---	---	---	---	---	0.001512
0	NV	---	---	---	---	---	0.001512
+10	NV	---	---	---	---	---	0.001628
+20	NV	---	---	---	---	---	0.003023
+30	NV	---	---	---	---	---	-0.002965
+40	NV	---	---	---	---	---	-0.004070
+50	NV	---	---	---	---	---	0.001512
+20	LV	---	---	---	---	---	0.002442
+20	HV	---	---	---	---	---	-0.002791

Temperature(°C)	Voltage	Test Result (ppm) Band4 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	---	---	---	---	---	0.002178
-20	NV	---	---	---	---	---	-0.000115
-10	NV	---	---	---	---	---	0.001318
0	NV	---	---	---	---	---	-0.002407
+10	NV	---	---	---	---	---	0.000458
+20	NV	---	---	---	---	---	0.002350
+30	NV	---	---	---	---	---	0.006246
+40	NV	---	---	---	---	---	0.000057
+50	NV	---	---	---	---	---	0.006819
+20	LV	---	---	---	---	---	0.000917
+20	HV	---	---	---	---	---	-0.000115

8 Effective Radiated Power and Effective Isotropic Radiated Power

9	Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
9	QPSK	1710.7	19957	1.4	1	0	22.13	19.63	0.092
					1	2	22.15	19.65	0.092
					1	5	22.23	19.73	0.094
					3	0	22.21	19.71	0.094
					3	1	22.25	19.75	0.094
					3	3	22.30	19.8	0.095
		6	0		21.33	18.83	0.076		
		1	0		22.18	19.68	0.093		
		1	2		22.37	19.87	0.097		
		1	5		22.16	19.66	0.092		
		3	0		22.29	19.79	0.095		
		3	1		22.25	19.75	0.094		
		3	3		22.27	19.77	0.095		
		6	0		21.37	18.87	0.077		
		1	0		22.30	19.8	0.095		
		1	2		22.35	19.85	0.097		
		1	5		22.33	19.83	0.096		
		3	0		22.34	19.84	0.096		
	3	1	22.37		19.87	0.097			
	3	3	22.31		19.81	0.096			
	6	0	21.44		18.94	0.078			
	16QAM	1710.7	19957		1	0	21.49	18.99	0.079
					1	2	21.59	19.09	0.081
					1	5	21.75	19.25	0.084
					3	0	21.36	18.86	0.077
					3	1	21.44	18.94	0.078
					3	3	21.29	18.79	0.076
6		0	20.49	17.99	0.063				
1		0	21.68	19.18	0.083				
1		2	21.59	19.09	0.081				
1		5	21.85	19.35	0.086				
3		0	21.40	18.9	0.078				
3		1	21.35	18.85	0.077				
3		3	21.43	18.93	0.078				
6		0	20.58	18.08	0.064				
1		0	21.57	19.07	0.081				
1		2	21.86	19.36	0.086				
1		5	21.55	19.05	0.080				
3		0	21.47	18.97	0.079				
3		1	21.55	19.05	0.080				
3	3	21.40	18.9	0.078					
6	0	20.78	18.28	0.067					

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	
64QAM	1710.7	19957	1.4	1	0	20.10	17.6	0.058	
				1	2	20.13	17.63	0.058	
				1	5	20.17	17.67	0.058	
				3	0	20.15	17.65	0.058	
				3	1	20.20	17.7	0.059	
				3	3	20.22	17.72	0.059	
	1732.5	20175		6	0	19.27	16.77	0.048	
				1	0	20.16	17.66	0.058	
				1	2	20.31	17.81	0.060	
				1	5	20.06	17.56	0.057	
				3	0	20.20	17.7	0.059	
				3	1	20.20	17.7	0.059	
	1754.3	20393		3	3	20.23	17.73	0.059	
				6	0	19.34	16.84	0.048	
				1	0	20.23	17.73	0.059	
				1	2	20.31	17.81	0.060	
				1	5	20.27	17.77	0.060	
				3	0	20.29	17.79	0.060	
	256QAM	1710.7		19957	3	1	20.28	17.78	0.060
					3	3	20.23	17.73	0.059
					6	0	19.38	16.88	0.049
					1	0	17.43	14.93	0.031
					1	2	17.52	15.02	0.032
					1	5	17.7	15.2	0.033
1732.5		20175	3	0	17.26	14.76	0.030		
			3	1	17.35	14.85	0.031		
			3	3	17.27	14.77	0.030		
			6	0	17.42	14.92	0.031		
			1	0	17.66	15.16	0.033		
			1	2	17.57	15.07	0.032		
1754.3		20393	1	5	17.76	15.26	0.034		
			3	0	17.32	14.82	0.030		
			3	1	17.3	14.8	0.030		
			3	3	17.36	14.86	0.031		
			6	0	17.5	15	0.032		
			1	0	17.51	15.01	0.032		
				1	2	17.80	15.3	0.034	
				1	5	17.53	15.03	0.032	
				3	0	17.45	14.95	0.031	
				3	1	17.48	14.98	0.031	
				3	3	17.37	14.87	0.031	
				6	0	17.71	15.21	0.033	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	
QPSK	1711.5	19965	3	1	8	22.50	20	0.100	
				1	14	22.57	20.07	0.102	
				1	0	22.38	19.88	0.097	
				8	0	21.55	19.05	0.080	
				8	4	21.54	19.04	0.080	
				8	7	21.56	19.06	0.081	
				15	0	21.60	19.1	0.081	
	1732.5	20175		1	8	22.53	20.03	0.101	
				1	14	22.55	20.05	0.101	
				1	0	22.44	19.94	0.099	
				8	0	21.53	19.03	0.080	
				8	4	21.67	19.17	0.083	
				8	7	21.55	19.05	0.080	
				15	0	21.54	19.04	0.080	
	1753.5	20385		1	8	22.62	20.12	0.103	
				1	14	22.46	19.96	0.099	
				1	0	22.67	20.17	0.104	
				8	0	21.59	19.09	0.081	
				8	4	21.67	19.17	0.083	
				8	7	21.67	19.17	0.083	
				15	0	21.73	19.23	0.084	
	16QAM	1711.5		19965	1	8	21.33	18.83	0.076
					1	14	21.78	19.28	0.085
					1	0	21.95	19.45	0.088
8			0		20.40	17.9	0.062		
8			4		20.73	18.23	0.067		
8			7		20.70	18.2	0.066		
15			0		20.59	18.09	0.064		
1732.5		20175	1	8	22.06	19.56	0.090		
			1	14	21.51	19.01	0.080		
			1	0	21.59	19.09	0.081		
			8	0	20.56	18.06	0.064		
			8	4	20.89	18.39	0.069		
			8	7	20.86	18.36	0.069		
			15	0	20.66	18.16	0.065		
1753.5		20385	1	8	22.23	19.73	0.094		
			1	14	21.77	19.27	0.085		
			1	0	21.76	19.26	0.084		
			8	0	20.76	18.26	0.067		
			8	4	20.60	18.1	0.065		
			8	7	20.49	17.99	0.063		
			15	0	20.87	18.37	0.069		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
64QAM	1711.5	19965	3	1	8	20.42	17.92	0.062
				1	14	20.49	17.99	0.063
				1	0	20.35	17.85	0.061
				8	0	19.53	17.03	0.050
				8	4	19.44	16.94	0.049
				8	7	19.52	17.02	0.050
	15	0		19.56	17.06	0.051		
	1	8		20.51	18.01	0.063		
	1	14		20.53	18.03	0.064		
	1	0		20.37	17.87	0.061		
	8	0		19.51	17.01	0.050		
	8	4		19.63	17.13	0.052		
	8	7		19.49	16.99	0.050		
	15	0		19.45	16.95	0.050		
	1	8		20.54	18.04	0.064		
	1	14		20.36	17.86	0.061		
	1	0		20.59	18.09	0.064		
	256QAM	1711.5		19965	3	8	0	19.53
8			4			19.65	17.15	0.052
8			7			19.64	17.14	0.052
15			0			19.66	17.16	0.052
1			8			17.26	14.76	0.030
1			14			17.74	15.24	0.033
1		0	17.87	15.37		0.034		
8		0	17.30	14.8		0.030		
8		4	17.69	15.19		0.033		
8		7	17.61	15.11		0.032		
15		0	17.51	15.01		0.032		
1		8	18.02	15.52		0.036		
1		14	17.45	14.95		0.031		
1		0	17.55	15.05		0.032		
8		0	17.51	15.01		0.032		
8		4	17.83	15.33		0.034		
8		7	17.78	15.28		0.034		
15		0	17.61	15.11		0.032		
1753.5	20385	20385	3	1	8	18.13	15.63	0.037
				1	14	17.72	15.22	0.033
				1	0	17.71	15.21	0.033
				8	0	17.69	15.19	0.033
				8	4	17.57	15.07	0.032
				8	7	17.47	14.97	0.031
				15	0	17.77	15.27	0.034

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	1712.5	19975	5	1	0	22.57	20.07	0.102
				1	12	22.52	20.02	0.100
				1	24	22.45	19.95	0.099
				12	6	21.62	19.12	0.082
				12	0	21.59	19.09	0.081
				12	13	21.57	19.07	0.081
				25	0	21.59	19.09	0.081
	1732.5	20175		1	0	22.53	20.03	0.101
				1	12	22.52	20.02	0.100
				1	24	22.46	19.96	0.099
				12	6	21.62	19.12	0.082
				12	0	21.50	19	0.079
				12	13	21.60	19.1	0.081
				25	0	21.62	19.12	0.082
	1752.5	20375		1	0	22.64	20.14	0.103
				1	12	22.47	19.97	0.099
				1	24	22.54	20.04	0.101
				12	6	21.64	19.14	0.082
				12	0	21.64	19.14	0.082
				12	13	21.66	19.16	0.082
				25	0	21.69	19.19	0.083
16QAM	1712.5	19975	1	0	21.61	19.11	0.081	
			1	12	21.53	19.03	0.080	
			1	24	21.67	19.17	0.083	
			12	6	20.69	18.19	0.066	
			12	0	20.62	18.12	0.065	
			12	13	20.65	18.15	0.065	
			25	0	20.63	18.13	0.065	
	1732.5	20175	1	0	21.89	19.39	0.087	
			1	12	22.08	19.58	0.091	
			1	24	21.62	19.12	0.082	
			12	6	20.55	18.05	0.064	
			12	0	20.55	18.05	0.064	
			12	13	20.63	18.13	0.065	
			25	0	20.63	18.13	0.065	
	1752.5	20375	1	0	21.86	19.36	0.086	
			1	12	22.31	19.81	0.096	
			1	24	22.08	19.58	0.091	
			12	6	20.69	18.19	0.066	
			12	0	20.71	18.21	0.066	
			12	13	20.61	18.11	0.065	
			25	0	20.65	18.15	0.065	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
64QAM	1712.5	19975	5	1	0	20.49	17.99	0.063
				1	12	20.48	17.98	0.063
				1	24	20.41	17.91	0.062
				12	6	19.57	17.07	0.051
				12	0	19.56	17.06	0.051
				12	13	19.53	17.03	0.050
				25	0	19.52	17.02	0.050
	1732.5	20175		1	0	20.45	17.95	0.062
				1	12	20.43	17.93	0.062
				1	24	20.40	17.9	0.062
				12	6	19.52	17.02	0.050
				12	0	19.46	16.96	0.050
				12	13	19.58	17.08	0.051
				25	0	19.57	17.07	0.051
	1752.5	20375		1	0	20.55	18.05	0.064
				1	12	20.38	17.88	0.061
				1	24	20.45	17.95	0.062
				12	6	19.55	17.05	0.051
				12	0	19.60	17.1	0.051
				12	13	19.58	17.08	0.051
				25	0	19.60	17.1	0.051
256QAM	1712.5	19975	1	0	17.53	15.03	0.032	
			1	12	17.45	14.95	0.031	
			1	24	17.58	15.08	0.032	
			12	6	17.67	15.17	0.033	
			12	0	17.56	15.06	0.032	
			12	13	17.62	15.12	0.033	
			25	0	17.55	15.05	0.032	
	1732.5	20175	1	0	17.85	15.35	0.034	
			1	12	18.02	15.52	0.036	
			1	24	17.56	15.06	0.032	
			12	6	17.50	15	0.032	
			12	0	17.47	14.97	0.031	
			12	13	17.57	15.07	0.032	
			25	0	17.57	15.07	0.032	
	1752.5	20375	1	0	17.81	15.31	0.034	
			1	12	18.28	15.78	0.038	
			1	24	18.00	15.5	0.035	
			12	6	17.59	15.09	0.032	
			12	0	17.67	15.17	0.033	
			12	13	17.55	15.05	0.032	
			25	0	17.58	15.08	0.032	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	1715	20000	10	1	49	22.56	20.06	0.101
				1	0	22.32	19.82	0.096
				1	24	22.15	19.65	0.092
				25	12	21.57	19.07	0.081
				25	0	21.54	19.04	0.080
				25	25	21.53	19.03	0.080
	1732.5	20175		50	0	21.50	19	0.079
				1	0	22.43	19.93	0.098
				1	25	22.64	20.14	0.103
				1	49	22.56	20.06	0.101
				25	0	21.47	18.97	0.079
				25	12	21.41	18.91	0.078
	1750	20350		25	25	21.55	19.05	0.080
				50	0	21.44	18.94	0.078
				1	0	22.49	19.99	0.100
				1	25	22.39	19.89	0.097
				1	49	22.39	19.89	0.097
				25	0	21.68	19.18	0.083
16QAM	1715	20000	25	12	21.65	19.15	0.082	
			25	25	21.62	19.12	0.082	
			50	0	21.70	19.2	0.083	
			1	0	21.77	19.27	0.085	
			1	25	21.89	19.39	0.087	
			1	49	21.40	18.9	0.078	
	1732.5	20175	25	0	20.58	18.08	0.064	
			25	12	20.65	18.15	0.065	
			25	25	20.53	18.03	0.064	
			50	0	20.53	18.03	0.064	
			1	0	22.19	19.69	0.093	
			1	25	21.73	19.23	0.084	
	1750	20350	1	49	21.78	19.28	0.085	
			25	0	20.61	18.11	0.065	
			25	12	20.54	18.04	0.064	
			25	25	20.69	18.19	0.066	
			50	0	20.61	18.11	0.065	
			1	0	21.95	19.45	0.088	
			1	25	21.67	19.17	0.083	
			1	49	22.21	19.71	0.094	
			25	0	20.61	18.11	0.065	
			25	12	20.71	18.21	0.066	
			25	25	20.56	18.06	0.064	
			50	0	20.59	18.09	0.064	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
64QAM	1715	20000	10	1	0	20.51	18.01	0.063
				1	25	20.29	17.79	0.060
				1	49	20.10	17.6	0.058
				25	0	19.50	17	0.050
				25	12	19.44	16.94	0.049
				25	25	19.49	16.99	0.050
	1732.5	20175		50	0	19.47	16.97	0.050
				1	0	20.33	17.83	0.061
				1	25	20.60	18.1	0.065
				1	49	20.50	18	0.063
				25	0	19.44	16.94	0.049
				25	12	19.38	16.88	0.049
				25	25	19.48	16.98	0.050
	1750	20350		50	0	19.35	16.85	0.048
				1	0	20.46	17.96	0.063
				1	25	20.37	17.87	0.061
				1	49	20.31	17.81	0.060
				25	0	19.63	17.13	0.052
				25	12	19.56	17.06	0.051
				25	25	19.59	17.09	0.051
	256QAM	1715		20000	50	0	19.65	17.15
1			0		17.68	15.18	0.033	
1			25		17.85	15.35	0.034	
1			49		17.32	14.82	0.030	
25			0		17.48	14.98	0.031	
25			12		17.58	15.08	0.032	
1732.5		20175	25	25	17.46	14.96	0.031	
			50	0	17.45	14.95	0.031	
			1	0	18.1	15.6	0.036	
			1	25	17.65	15.15	0.033	
			1	49	17.76	15.26	0.034	
			25	0	17.54	15.04	0.032	
			25	12	17.48	14.98	0.031	
1750		20350	25	25	17.59	15.09	0.032	
			50	0	17.51	15.01	0.032	
			1	0	17.88	15.38	0.035	
			1	25	17.58	15.08	0.032	
			1	49	18.18	15.68	0.037	
			25	0	17.52	15.02	0.032	
			25	12	17.68	15.18	0.033	
25		25	17.48	14.98	0.031			
50	0	17.55	15.05	0.032				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	1717.5	20025	15	1	38	22.39	19.89	0.097
				1	74	22.24	19.74	0.094
				1	0	22.24	19.74	0.094
				36	18	21.43	18.93	0.078
				36	0	21.39	18.89	0.077
				36	39	21.39	18.89	0.077
				75	0	21.37	18.87	0.077
	1732.5	20175		1	38	22.36	19.86	0.097
				1	74	22.34	19.84	0.096
				1	0	22.26	19.76	0.095
				36	18	21.38	18.88	0.077
				36	0	21.42	18.92	0.078
				36	39	21.42	18.92	0.078
				75	0	21.39	18.89	0.077
	1747.5	20325		1	38	22.41	19.91	0.098
				1	74	22.40	19.9	0.098
				1	0	22.34	19.84	0.096
				36	18	21.42	18.92	0.078
				36	0	21.55	19.05	0.080
				36	39	21.48	18.98	0.079
				75	0	21.35	18.85	0.077
16QAM	1717.5	20025	1	38	21.67	19.17	0.083	
			1	74	21.36	18.86	0.077	
			1	0	21.79	19.29	0.085	
			36	18	20.32	17.82	0.061	
			36	0	20.39	17.89	0.062	
			36	39	20.40	17.9	0.062	
			75	0	20.41	17.91	0.062	
	1732.5	20175	1	38	21.70	19.2	0.083	
			1	74	21.89	19.39	0.087	
			1	0	21.60	19.1	0.081	
			36	18	20.35	17.85	0.061	
			36	0	20.38	17.88	0.061	
			36	39	20.50	18	0.063	
			75	0	20.50	18	0.063	
	1747.5	20325	1	38	21.71	19.21	0.083	
			1	74	21.67	19.17	0.083	
			1	0	21.46	18.96	0.079	
			36	18	20.53	18.03	0.064	
			36	0	20.52	18.02	0.063	
			36	39	20.46	17.96	0.063	
			75	0	20.36	17.86	0.061	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	
64QAM	1717.5	20025	15	1	38	20.29	17.79	0.060	
				1	74	20.21	17.71	0.059	
				1	0	20.19	17.69	0.059	
				36	18	19.33	16.83	0.048	
				36	0	19.34	16.84	0.048	
				36	39	19.29	16.79	0.048	
				75	0	19.35	16.85	0.048	
	1732.5	20175		1	38	20.31	17.81	0.060	
				1	74	20.24	17.74	0.059	
				1	0	20.23	17.73	0.059	
				36	18	19.29	16.79	0.048	
				36	0	19.36	16.86	0.049	
				36	39	19.39	16.89	0.049	
				75	0	19.35	16.85	0.048	
	1747.5	20325		1	38	20.35	17.85	0.061	
				1	74	20.37	17.87	0.061	
				1	0	20.26	17.76	0.060	
				36	18	19.35	16.85	0.048	
				36	0	19.53	17.03	0.050	
				36	39	19.42	16.92	0.049	
				75	0	19.33	16.83	0.048	
	256QAM	1717.5		20025	1	38	17.65	15.15	0.033
					1	74	17.29	14.79	0.030
					1	0	17.73	15.23	0.033
36			18		17.24	14.74	0.030		
36			0		17.37	14.87	0.031		
36			39		17.34	14.84	0.030		
75			0		17.32	14.82	0.030		
1732.5		20175	1	38	17.66	15.16	0.033		
			1	74	17.83	15.33	0.034		
			1	0	17.57	15.07	0.032		
			36	18	17.31	14.81	0.030		
			36	0	17.30	14.8	0.030		
			36	39	17.47	14.97	0.031		
			75	0	17.42	14.92	0.031		
1747.5		20325	1	38	17.62	15.12	0.033		
			1	74	17.60	15.1	0.032		
			1	0	17.38	14.88	0.031		
			36	18	17.50	15	0.032		
			36	0	17.48	14.98	0.031		
			36	39	17.41	14.91	0.031		
			75	0	17.26	14.76	0.030		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	1720	20050	20	1	99	22.27	19.77	0.095
				1	49	22.40	19.9	0.098
				1	0	22.29	19.79	0.095
				50	0	21.36	18.86	0.077
				50	50	21.33	18.83	0.076
				50	25	21.36	18.86	0.077
				100	0	21.47	18.97	0.079
	1732.5	20175		1	99	22.27	19.77	0.095
				1	49	22.41	19.91	0.098
				1	0	22.40	19.9	0.098
				50	0	21.53	19.03	0.080
				50	50	21.47	18.97	0.079
				50	25	21.42	18.92	0.078
				100	0	21.37	18.87	0.077
	1745	20300		1	99	22.28	19.78	0.095
				1	49	22.40	19.9	0.098
				1	0	22.25	19.75	0.094
				50	0	21.52	19.02	0.080
				50	50	21.34	18.84	0.077
				50	25	21.49	18.99	0.079
				100	0	21.54	19.04	0.080
16QAM	1720	20050	1	99	21.39	18.89	0.077	
			1	49	21.49	18.99	0.079	
			1	0	21.53	19.03	0.080	
			50	0	20.44	17.94	0.062	
			50	50	20.41	17.91	0.062	
			50	25	20.44	17.94	0.062	
			100	0	20.39	17.89	0.062	
	1732.5	20175	1	99	21.65	19.15	0.082	
			1	49	21.32	18.82	0.076	
			1	0	21.90	19.4	0.087	
			50	0	20.53	18.03	0.064	
			50	50	20.45	17.95	0.062	
			50	25	20.46	17.96	0.063	
			100	0	20.36	17.86	0.061	
	1745	20300	1	99	21.66	19.16	0.082	
			1	49	21.86	19.36	0.086	
			1	0	21.64	19.14	0.082	
			50	0	20.55	18.05	0.064	
			50	50	20.45	17.95	0.062	
			50	25	20.52	18.02	0.063	
			100	0	20.44	17.94	0.062	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	
64QAM	1720	20050	20	1	99	20.22	17.72	0.059	
				1	49	20.35	17.85	0.061	
				1	0	20.22	17.72	0.059	
				50	0	19.26	16.76	0.047	
				50	50	19.24	16.74	0.047	
				50	25	19.33	16.83	0.048	
				100	0	19.44	16.94	0.049	
	1732.5	20175		1	99	20.19	17.69	0.059	
				1	49	20.38	17.88	0.061	
				1	0	20.34	17.84	0.061	
				50	0	19.51	17.01	0.050	
				50	50	19.40	16.9	0.049	
				50	25	19.39	16.89	0.049	
				100	0	19.27	16.77	0.048	
	1745	20300		1	99	20.25	17.75	0.060	
				1	49	20.30	17.8	0.060	
				1	0	20.19	17.69	0.059	
				50	0	19.50	17	0.050	
				50	50	19.29	16.79	0.048	
				50	25	19.40	16.9	0.049	
				100	0	19.45	16.95	0.050	
	256QAM	1720		20050	1	99	17.36	14.86	0.031
					1	49	17.45	14.95	0.031
					1	0	17.49	14.99	0.032
50			0		17.40	14.9	0.031		
50			50		17.39	14.89	0.031		
50			25		17.38	14.88	0.031		
100			0		17.34	14.84	0.030		
1732.5		20175	1	99	17.57	15.07	0.032		
			1	49	17.25	14.75	0.030		
			1	0	17.88	15.38	0.035		
			50	0	17.46	14.96	0.031		
			50	50	17.37	14.87	0.031		
			50	25	17.39	14.89	0.031		
			100	0	17.26	14.76	0.030		
1745		20300	1	99	17.63	15.13	0.033		
			1	49	17.82	15.32	0.034		
			1	0	17.60	15.1	0.032		
			50	0	17.50	15	0.032		
			50	50	17.36	14.86	0.031		
			50	25	17.46	14.96	0.031		
			100	0	17.40	14.9	0.031		

Test on the worst case:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
Band4	3MHz	QPSK	20385	1RB#8	22.37	19.87	0.097
				1RB#14	22.35	19.85	0.097
				1RB#0	22.45	19.95	0.099