

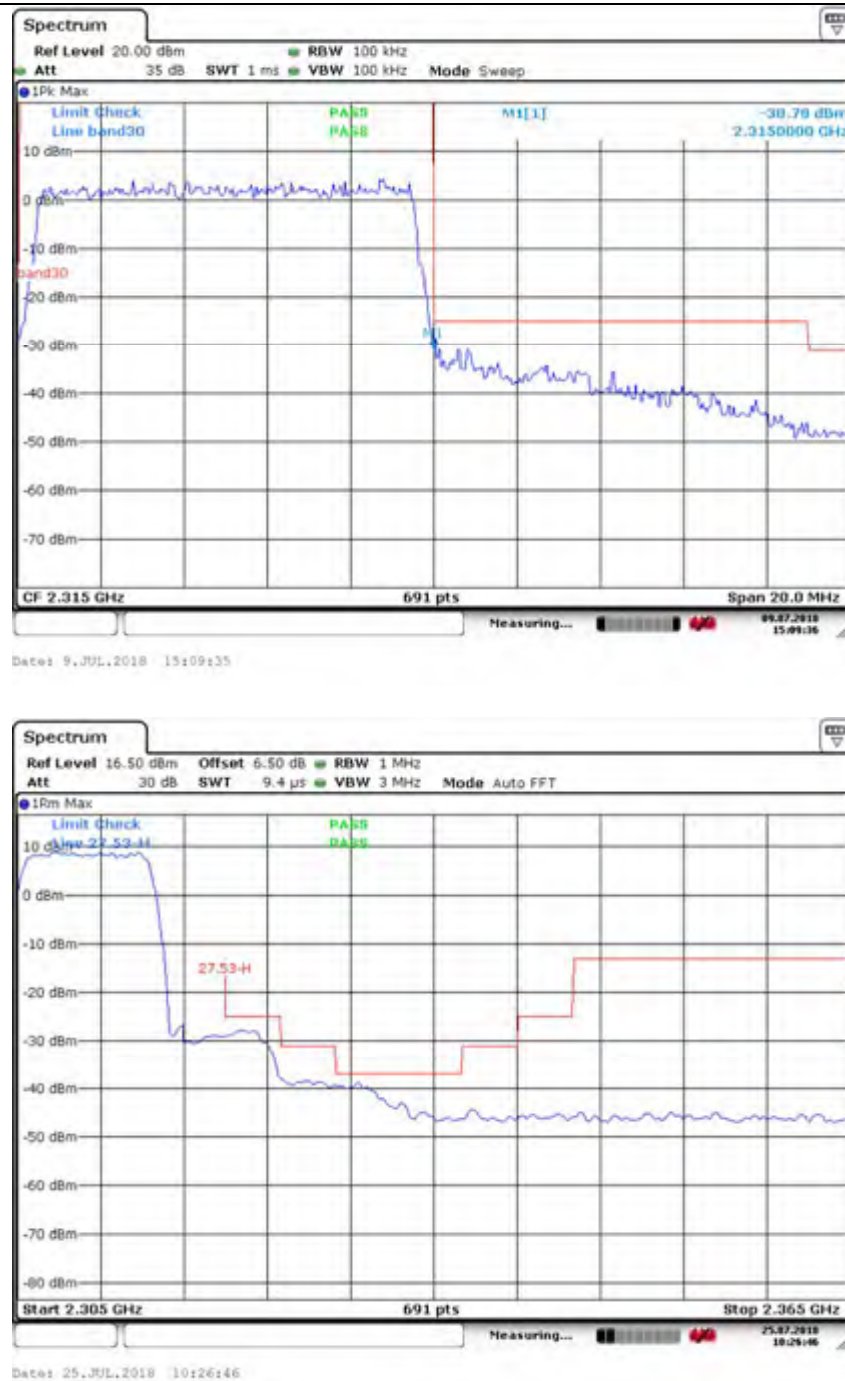


Fig.8

7 Frequency Stability

Test result:

Band	BW	Test Result (ppm)@NV		Test Result (ppm)@NT	
		Temperature(°C)		Voltage	
30	5	-30	0.003	LV	0.002
		-20	0.002		
		-10	-0.002		
		0	0.002		
		10	0.000		
		20	0.005	HV	0.000
		30	-0.002		
		40	-0.002		
		50	0.003		
	10	-30	0.000	LV	0.000
		-20	0.000		
		-10	0.001		
		0	0.001		
		10	0.004		
		20	-0.003	HV	-0.004
		30	-0.003		
		40	0.000		
		50	0.002		



LTE Band 38

1 RF Power Output

Test result:

Antenna Gain:0.67dBi

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	2572.5	37775	5	1	0	23.4	24.1
				1	24	23.4	24.1
				12	6	22.4	23.1
				25	0	22.4	23.1
	2595	38000		1	0	23.5	24.2
				1	24	23.5	24.2
				12	6	22.4	23.1
				25	0	22.5	23.2
	2617.5	38225		1	0	23.4	24.1
				1	24	23.4	24.1
				12	6	22.7	23.4
				25	0	22.7	23.4

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	2572.5	37775	5	1	0	22.5	23.2
				1	24	22.4	23.1
				12	6	21.5	22.2
				25	0	21.4	22.1
	2595	38000		1	0	22.3	23.0
				1	24	22.4	23.1
				12	6	21.4	22.1
				25	0	21.5	22.2
	2617.5	38225		1	0	22.7	23.4
				1	24	22.6	23.3
				12	6	21.8	22.5
				25	0	21.9	22.6



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	2575	37800	10	1	0	23.5	24.2
				1	49	23.2	23.9
				24	12	22.4	23.1
				50	0	22.5	23.2
	2595	38000		1	0	23.5	24.2
				1	49	23.5	24.2
				24	12	22.5	23.2
				50	0	22.5	23.2
	2615	38200		1	0	23.5	24.2
				1	49	22.7	23.4
				24	12	22.8	23.5
				50	0	22.7	23.4

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	2575	37800	10	1	0	22.4	23.1
				1	49	22.3	23.0
				24	12	21.4	22.1
				50	0	21.4	22.1
	2595	38000		1	0	22.2	22.9
				1	49	22.3	23.0
				24	12	21.5	22.2
				50	0	23.7	24.4
	2615	38200		1	0	22.7	23.4
				1	49	22.7	23.4
				24	12	21.9	22.6
				50	0	21.9	22.6



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	2577.5	37825	15	1	0	22.5	23.2
				1	74	22.4	23.1
				40	18	22.5	23.2
				75	0	22.6	23.3
	2595	38000		1	0	23.8	24.5
				1	74	22.9	23.6
				40	18	22.8	23.5
				75	0	22.7	23.4
	2612.5	38175		1	0	22.7	23.4
				1	74	22.4	23.1
				40	18	22.5	23.2
				75	0	22.6	23.3

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	2577.5	37825	15	1	0	22.5	23.2
				1	74	22.5	23.2
				40	18	21.5	22.2
				75	0	21.5	22.2
	2595	38000		1	0	22.6	23.3
				1	74	22.6	23.3
				40	18	21.8	22.5
				75	0	21.7	22.4
	2612.5	38175		1	0	22.6	23.3
				1	74	22.3	23.0
				40	18	21.4	22.1
				75	0	21.5	22.2



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	2580	37850	20	1	0	23.4	24.1
				1	99	22.9	23.6
				50	25	22.4	23.1
				100	0	22.5	23.2
	2595	38000		1	0	23.5	24.2
				1	99	23.5	24.2
				50	25	22.6	23.3
				100	0	22.6	23.3
	2610	38150		1	0	23.5	24.2
				1	99	23.4	24.1
				50	25	22.9	23.6
				100	0	22.8	23.5

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	2580	37850	20	1	0	22.7	23.4
				1	99	22.7	23.4
				50	25	22.0	22.7
				100	0	22.9	23.6
	2595	38000		1	0	22.4	23.1
				1	99	22.4	23.1
				50	25	21.5	22.2
				100	0	21.6	22.3
	2610	38150		1	0	22.8	23.5
				1	99	23.0	23.7
				50	25	21.8	22.5
				100	0	21.8	22.5

2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
38	2572.5	37775	5	25	0	4.515	Fig.4	4.515	Fig.8

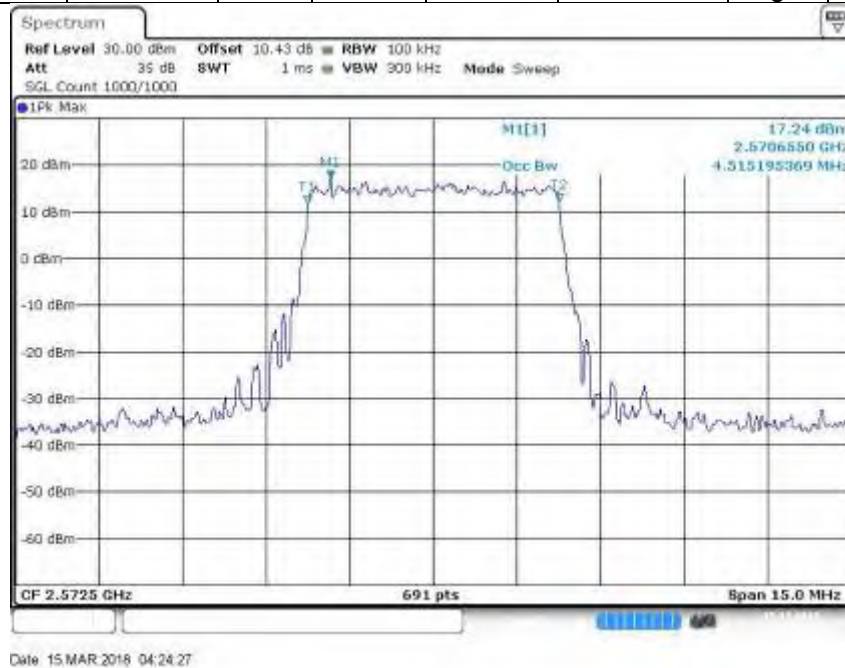


Fig.4

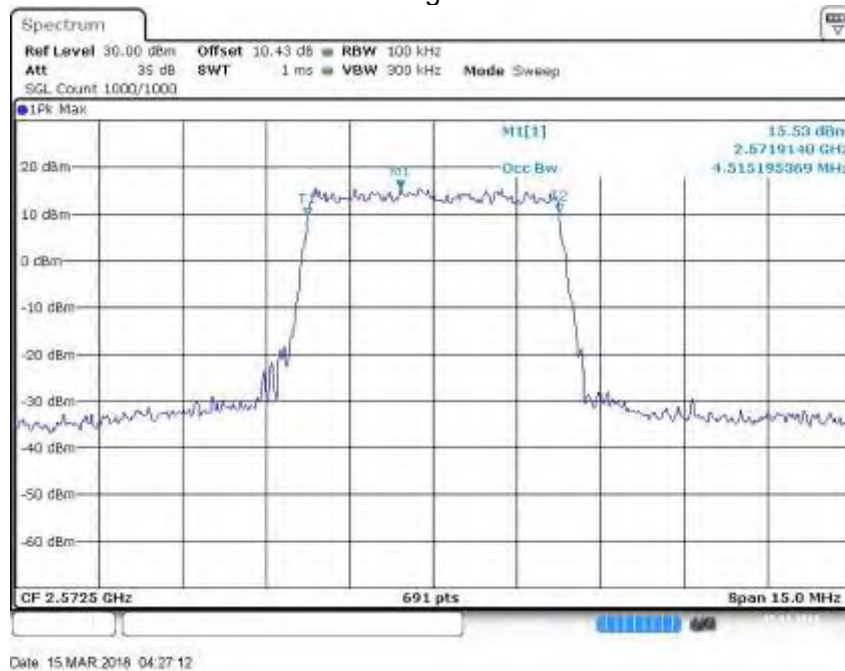


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
38	2595	38000	5	25	0	4.515	Fig.4	4.515	Fig.8

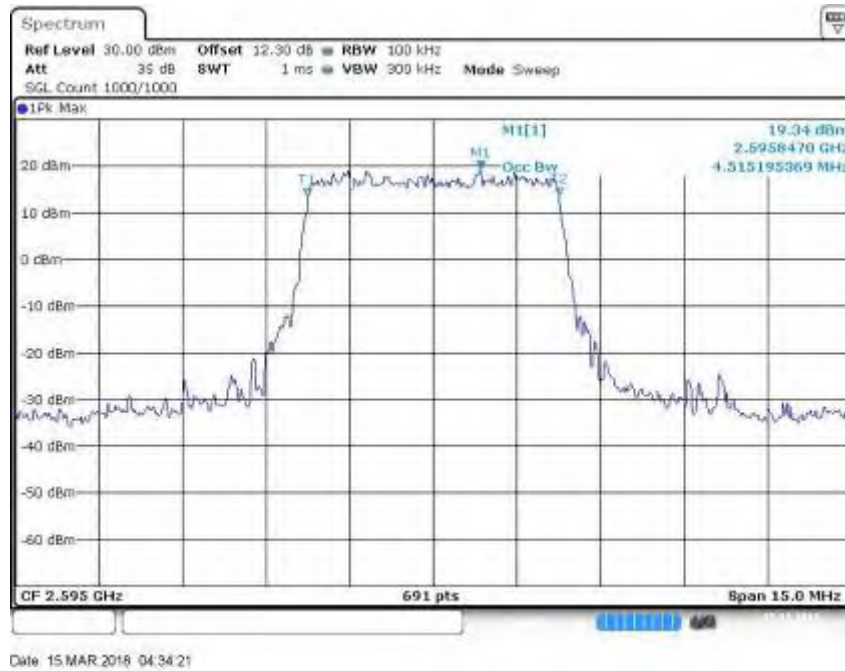


Fig.4

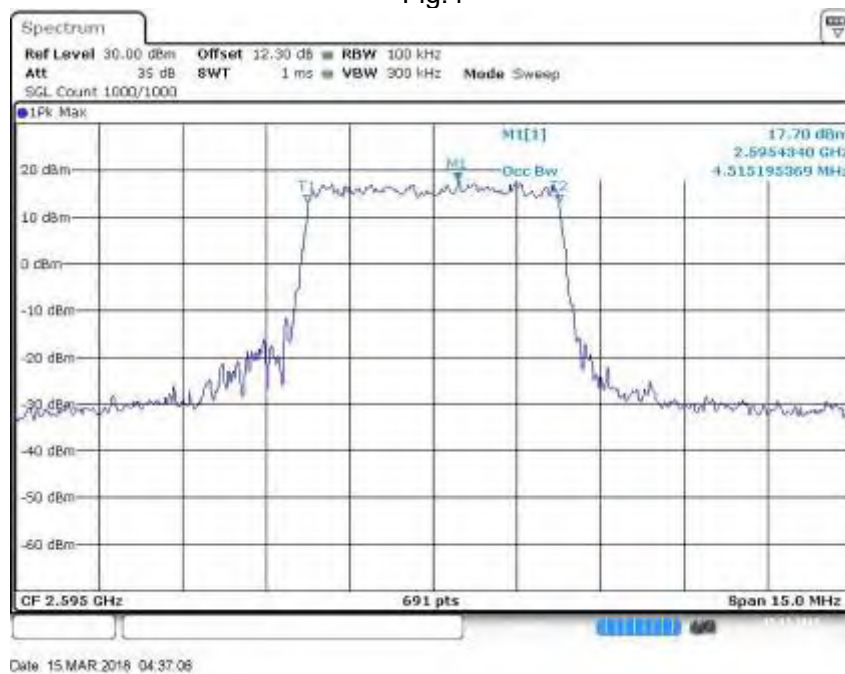


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
38	2617.5	38225	5	25	0	4.515	Fig.4	4.515	Fig.8

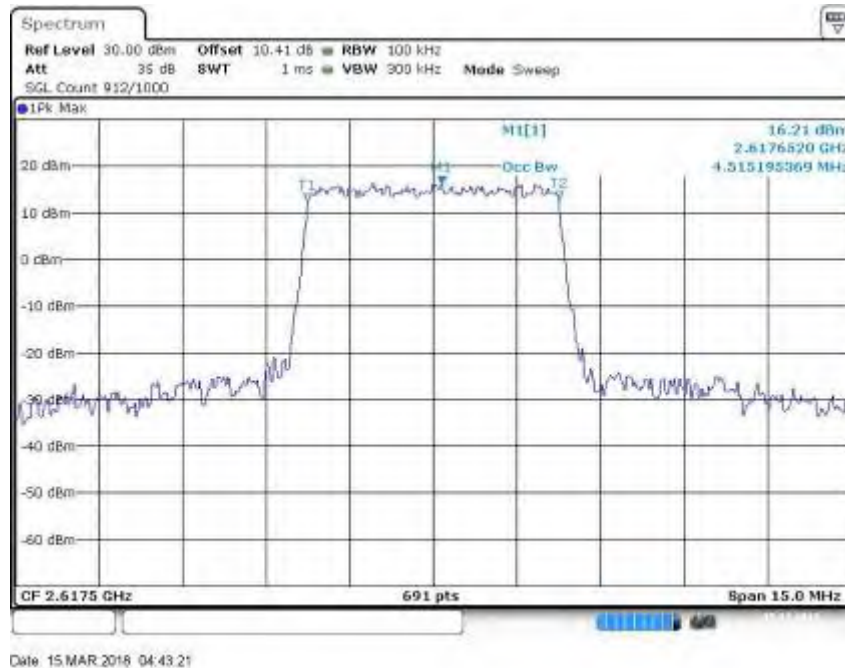


Fig.4

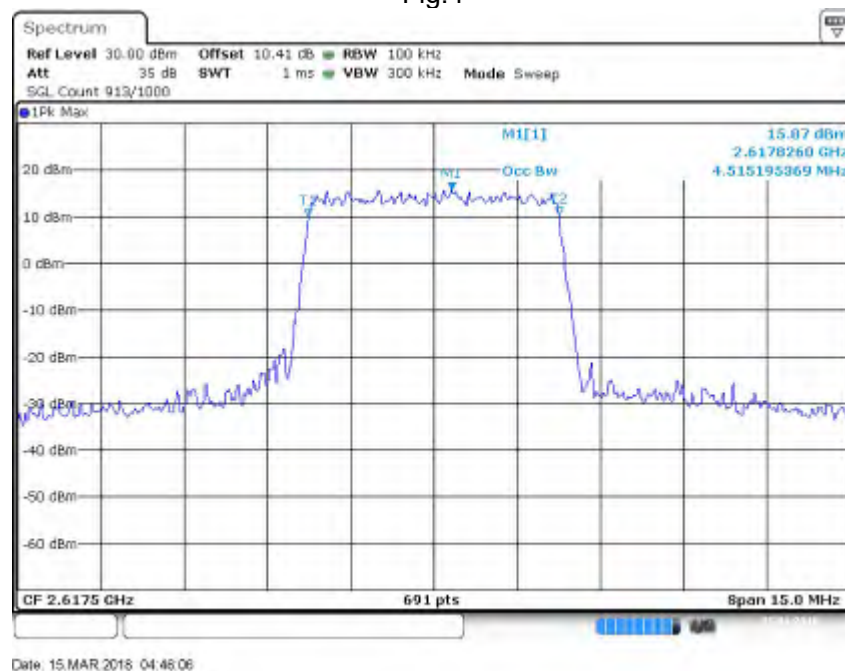


Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
38	2575	37800	10	50	0	9.074	Fig.4	9.074	Fig.8

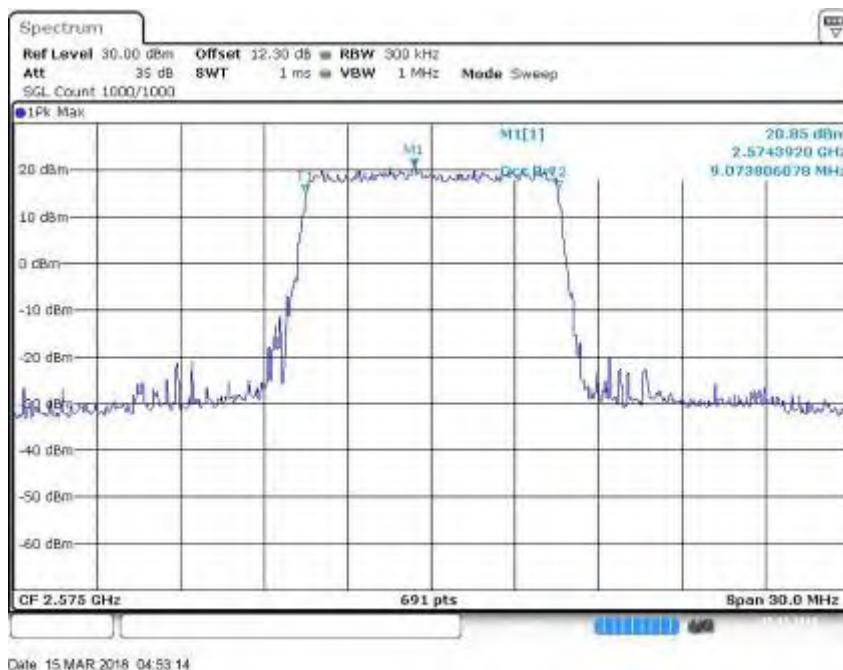


Fig.4

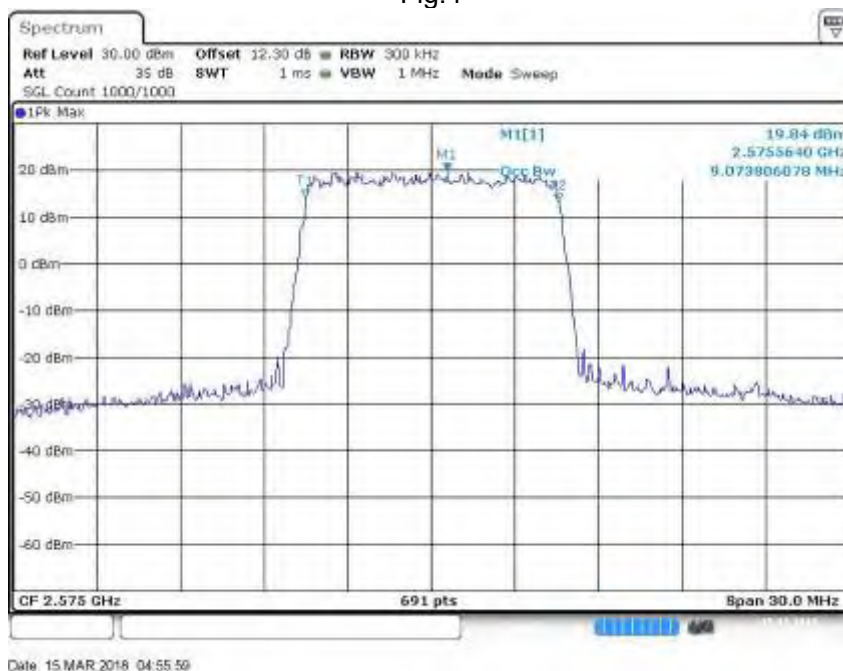


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
38	2595	38000	10	50	0	9.074	Fig.4	9.030	Fig.8

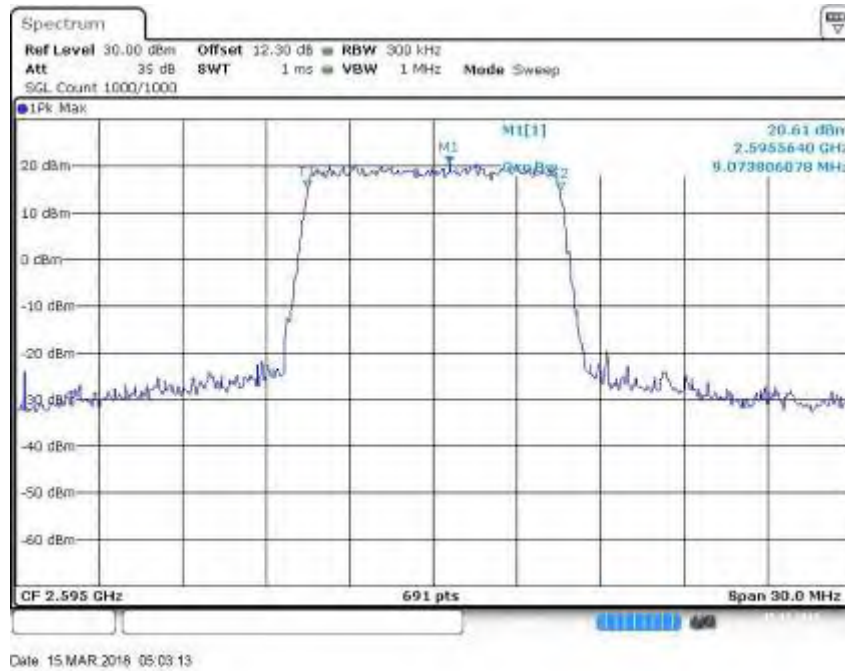


Fig.4

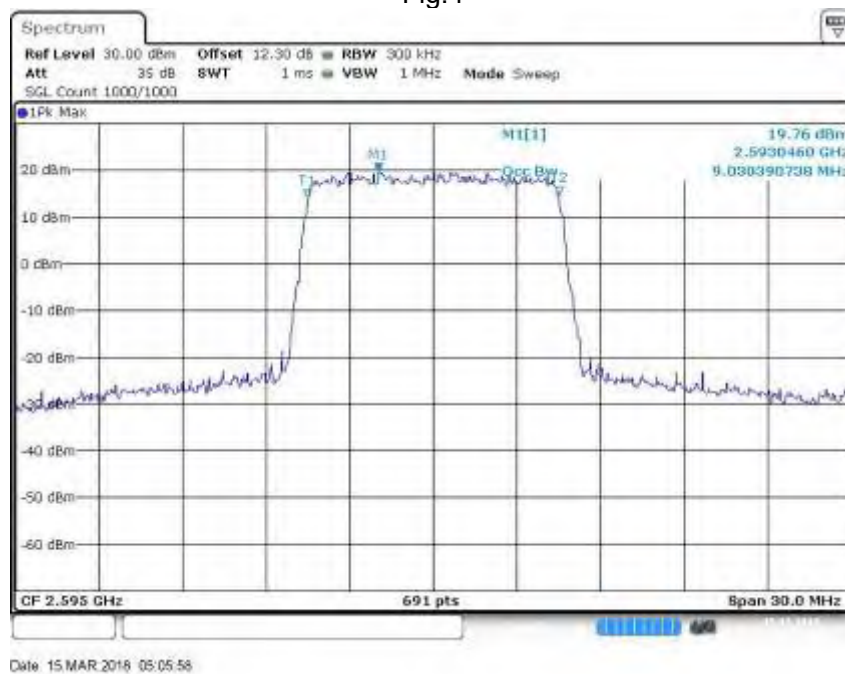


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
38	2615	38200	10	50	0	9.074	Fig.4	9.030	Fig.8

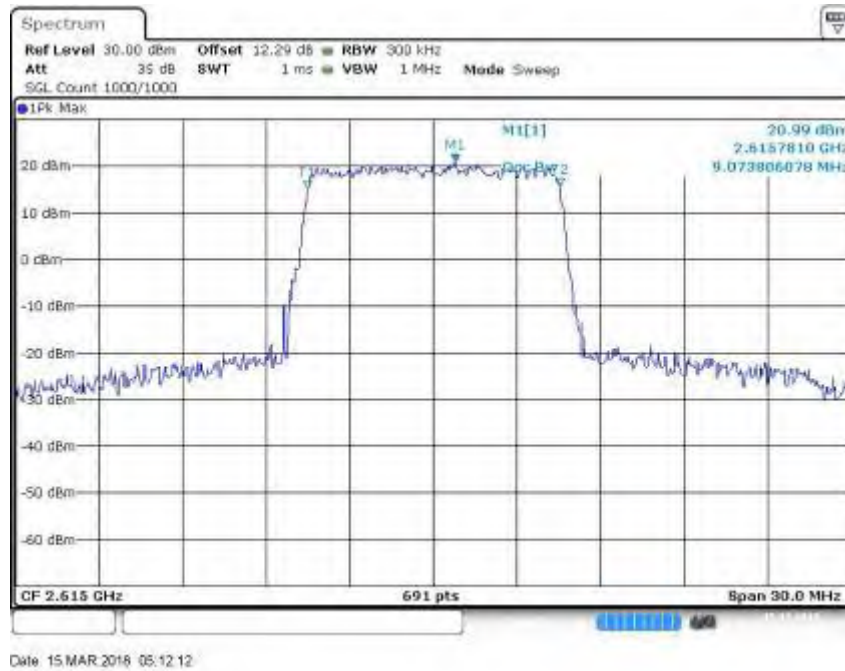


Fig.4

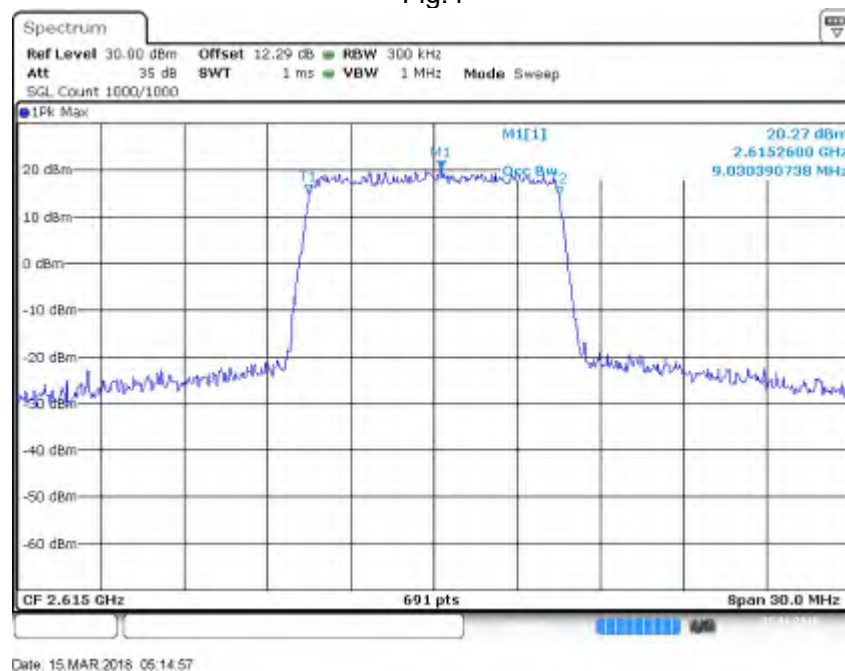


Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
38	2577.5	37825	15	75	0	13.480	Fig.4	13.480	Fig.8

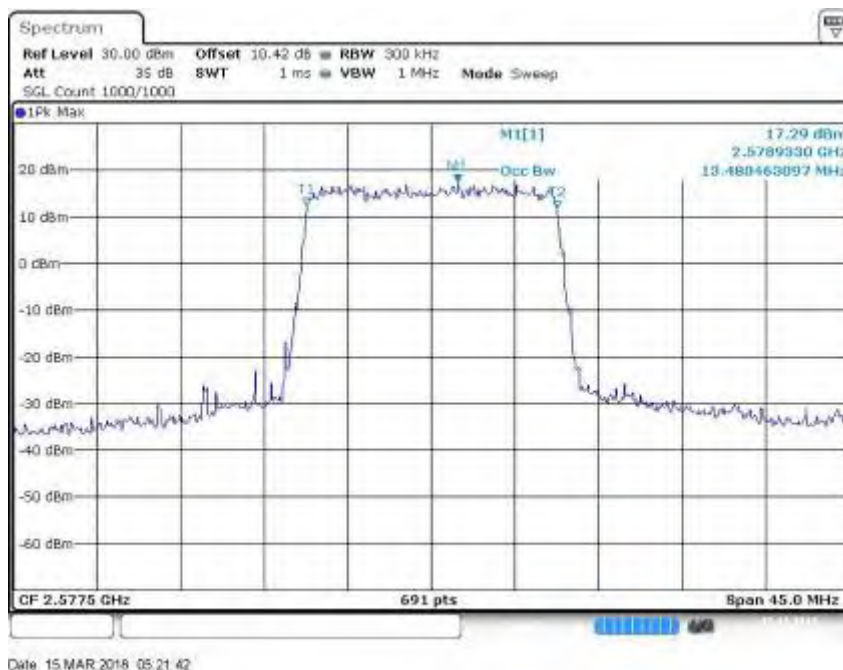


Fig.4

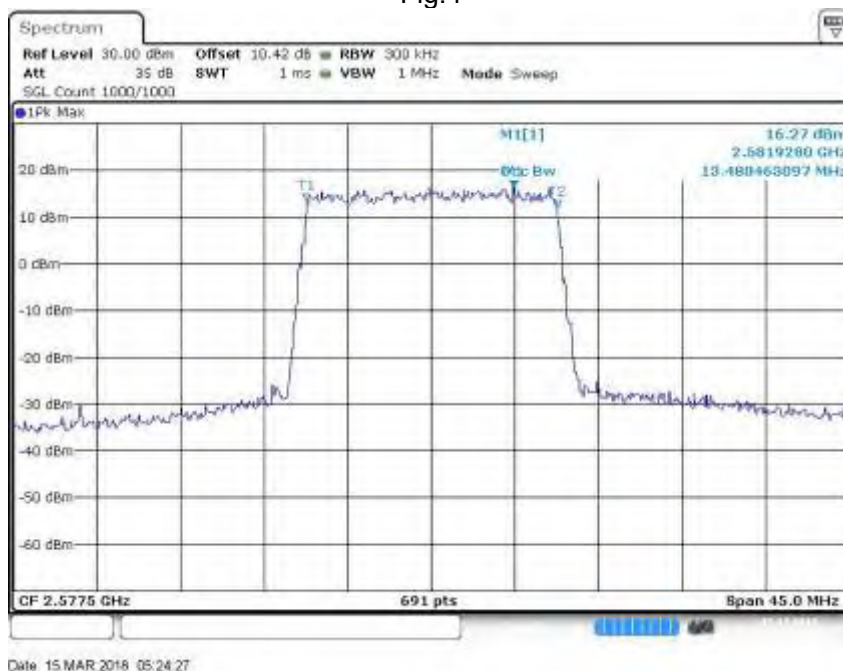


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
38	2595	38000	15	75	0	13.480	Fig.4	13.480	Fig.8

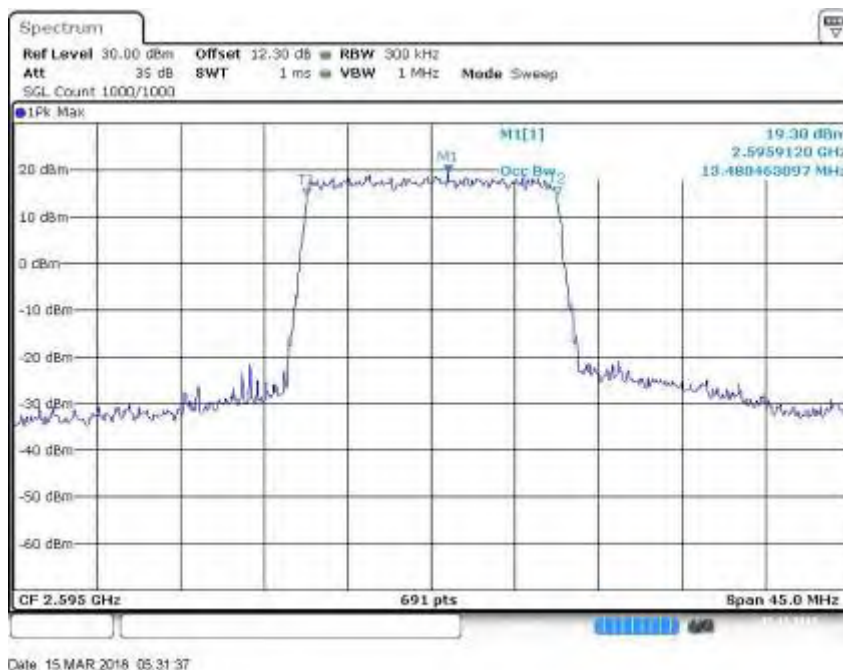


Fig.4

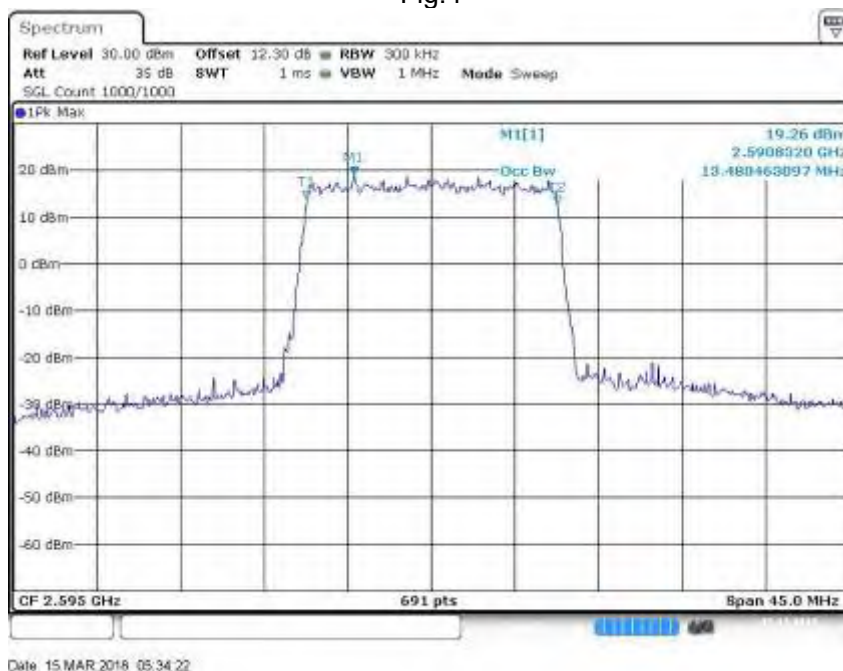


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
38	2612.5	38175	15	75	0	13.480	Fig.4	13.480	Fig.8

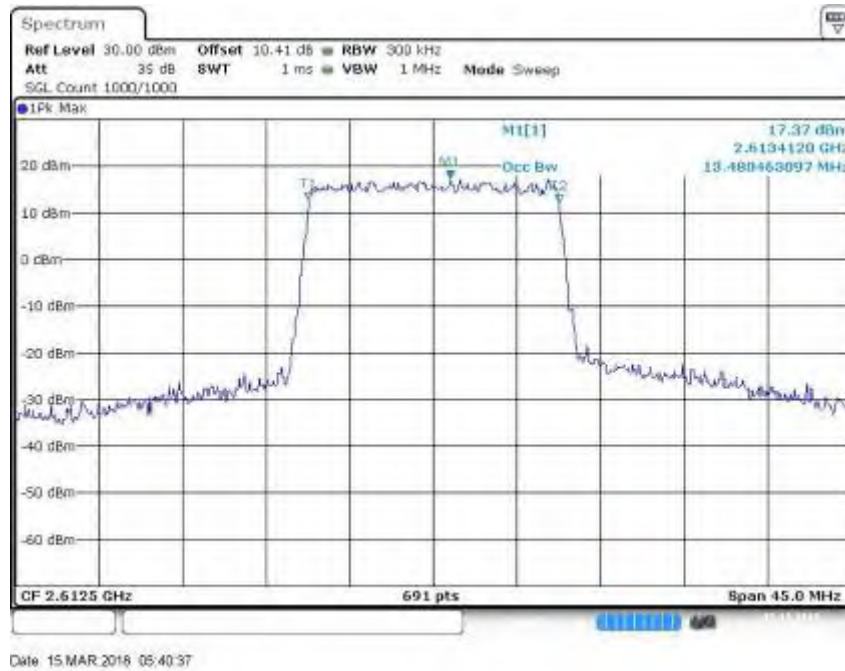


Fig.4

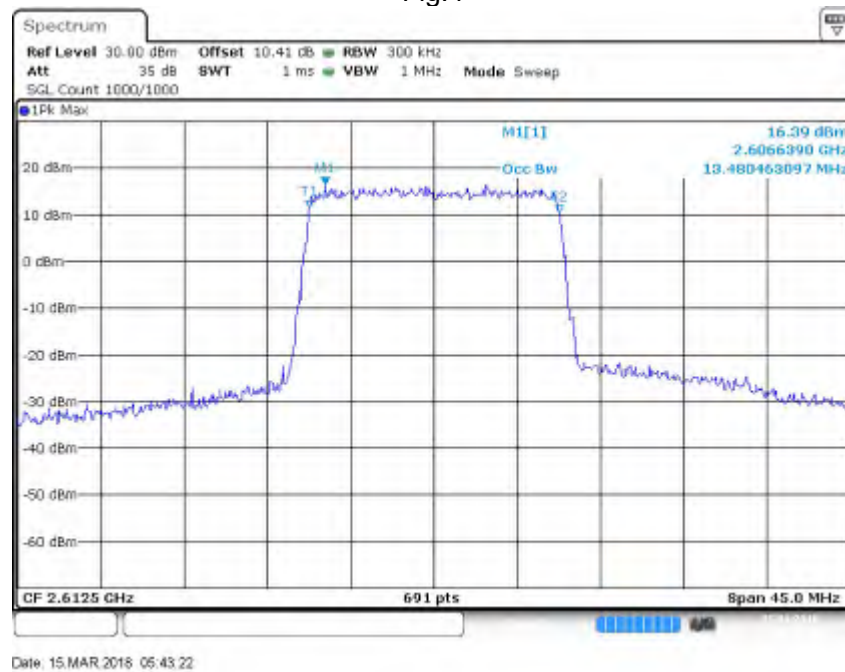


Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
38	2580	37850	20	100	0	17.887	Fig.4	17.974	Fig.8

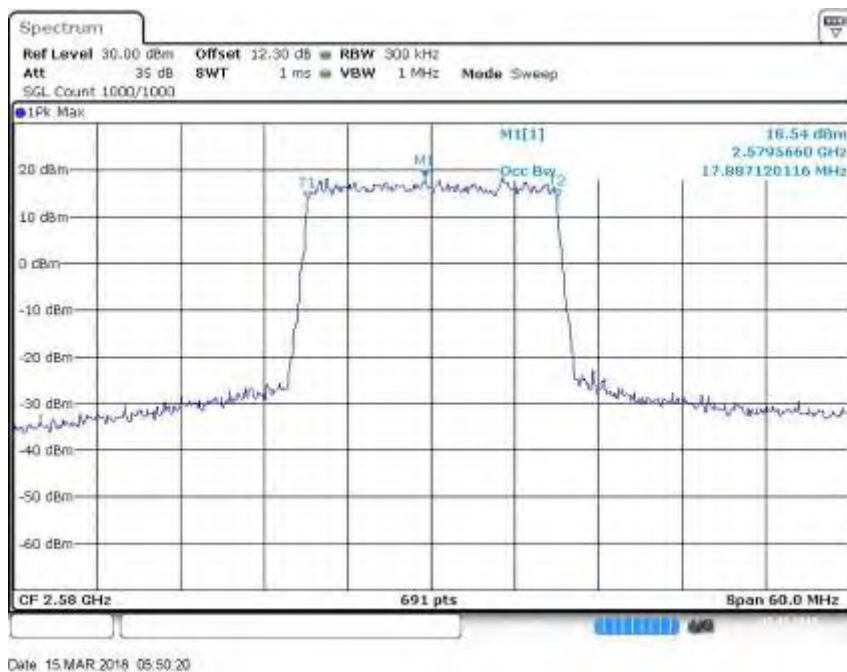


Fig.4

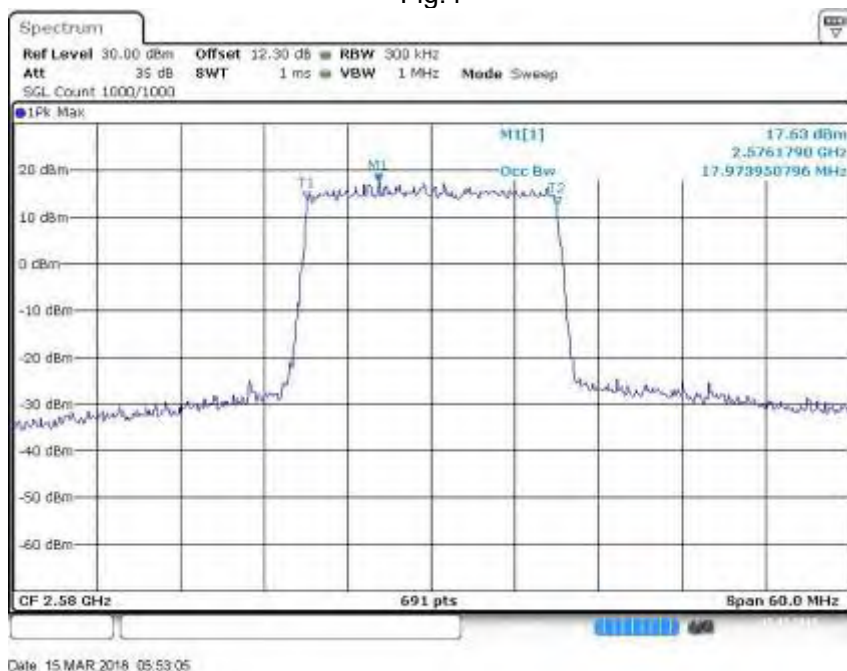


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
38	2595	38000	20	100	0	17.800	Fig.4	17.800	Fig.8

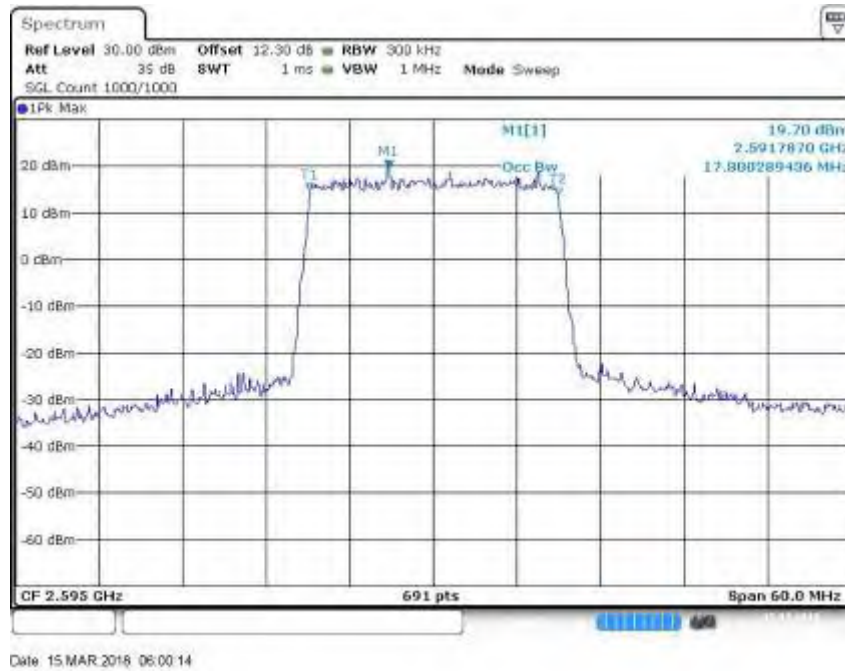


Fig.4

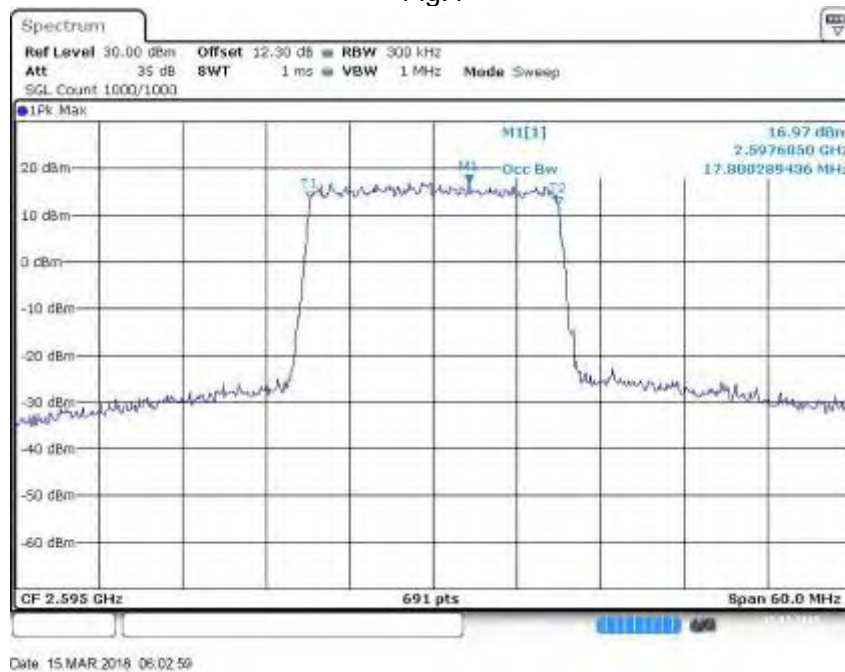


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
38	2610	38150	20	100	0	17.887	Fig.4	17.974	Fig.8

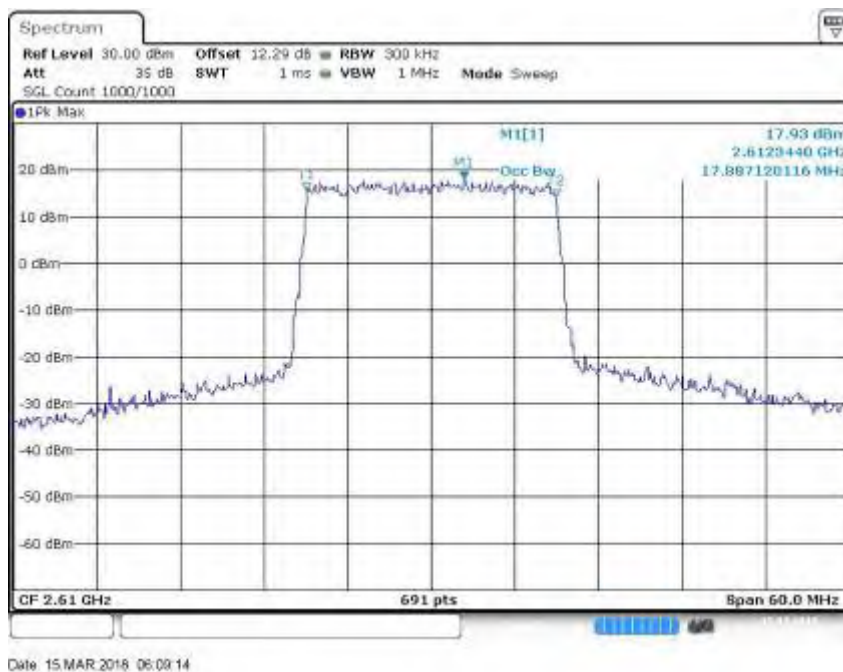


Fig.4

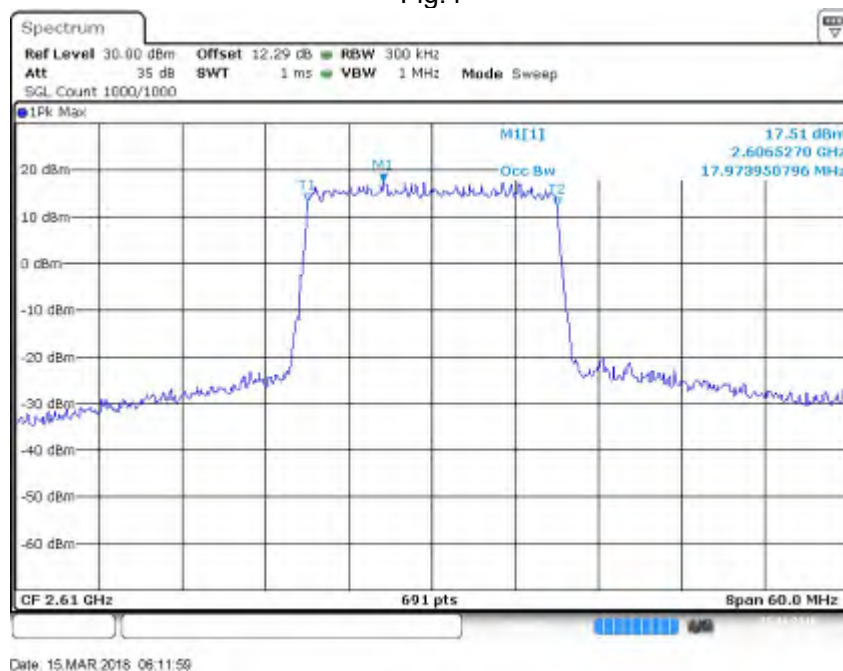


Fig.8

3 Emission Bandwidth

Test result

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
38	2572.5	37775	5	25	0	4.971	Fig.4	4.971	Fig.8

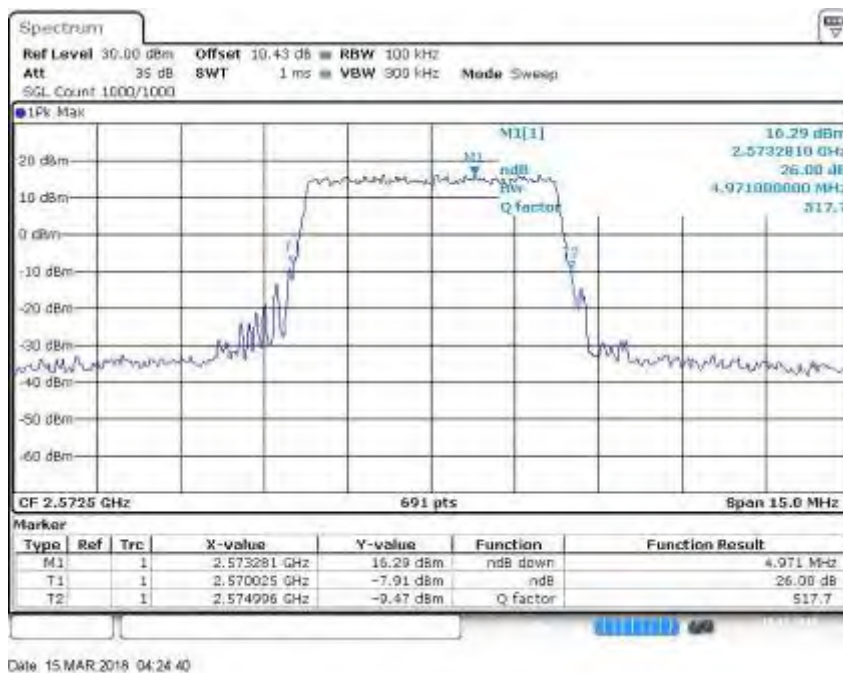


Fig.4

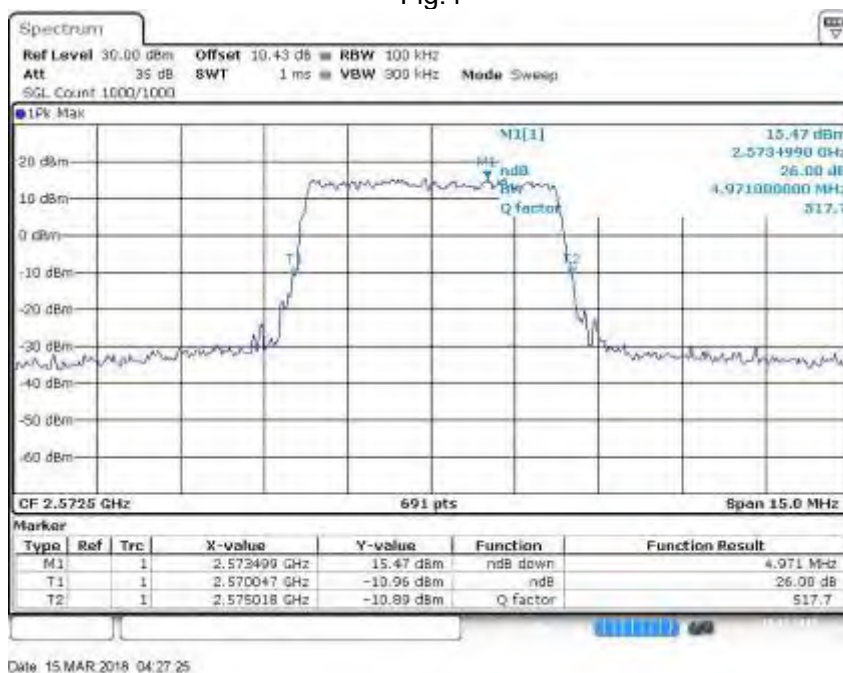


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
38	25955	38000	5	25	0	4.993	Fig.4	4.971	Fig.8

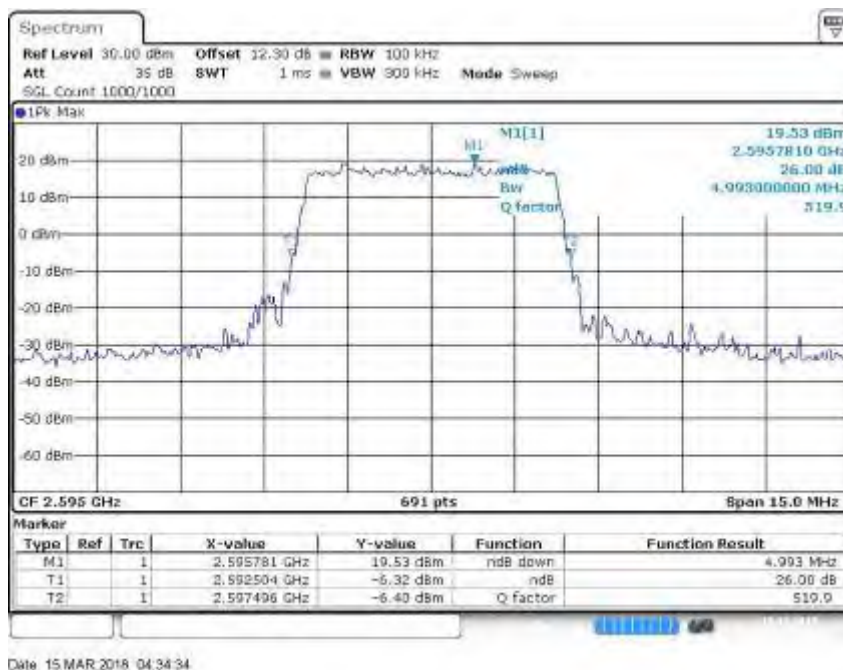


Fig.4

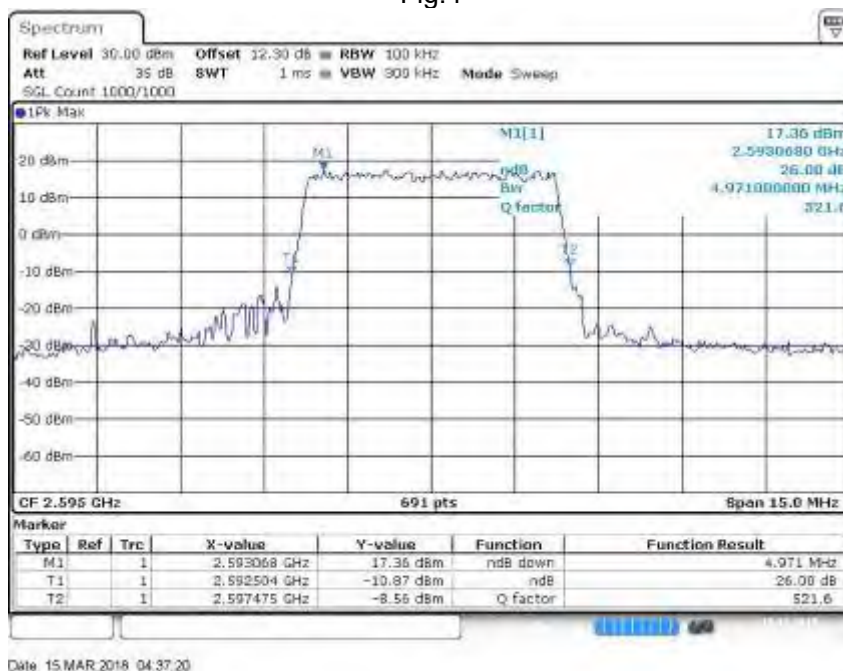


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
38	2617.5	38225	5	25	0	4.906	Fig.4	4.928	Fig.8

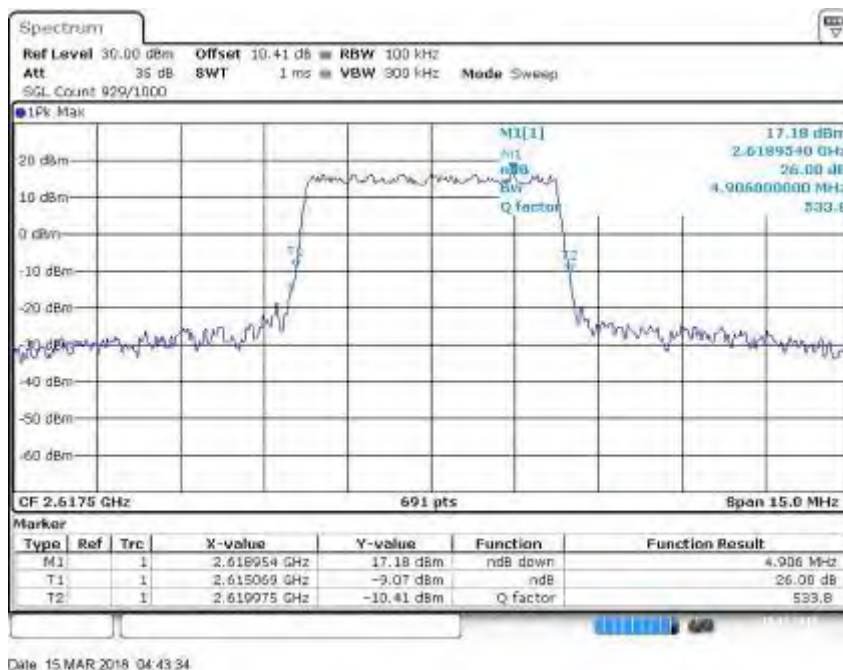


Fig.4

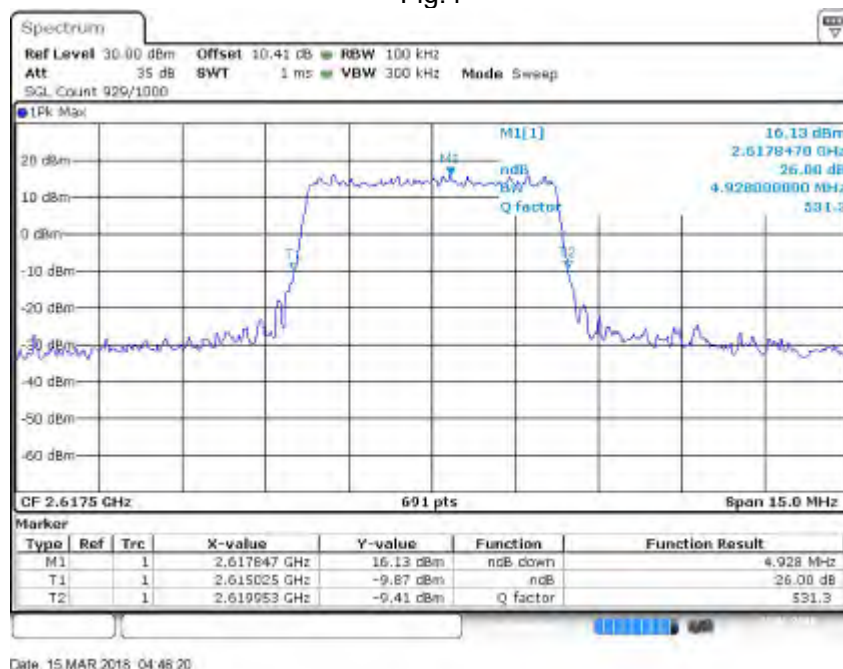


Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
38	2575	37800	10	50	0	9.942	Fig.4	9.942	Fig.8

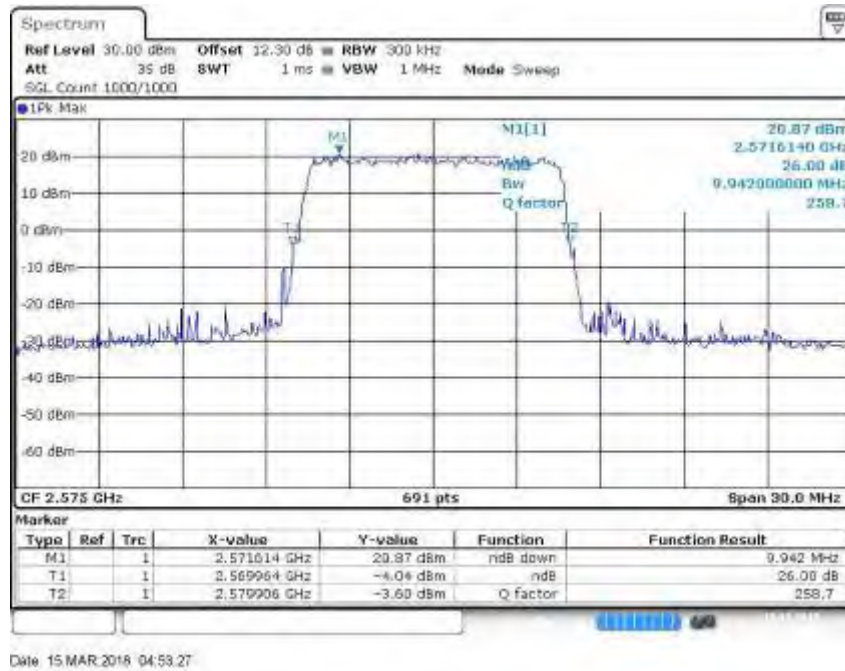


Fig.4

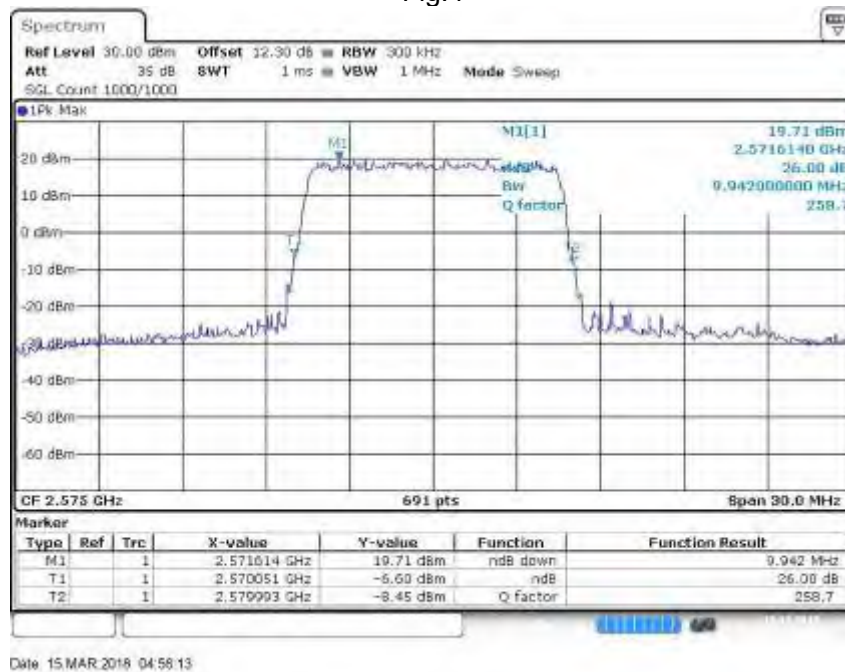


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
38	2595	38000	10	50	0	9.986	Fig.4	9.855	Fig.8

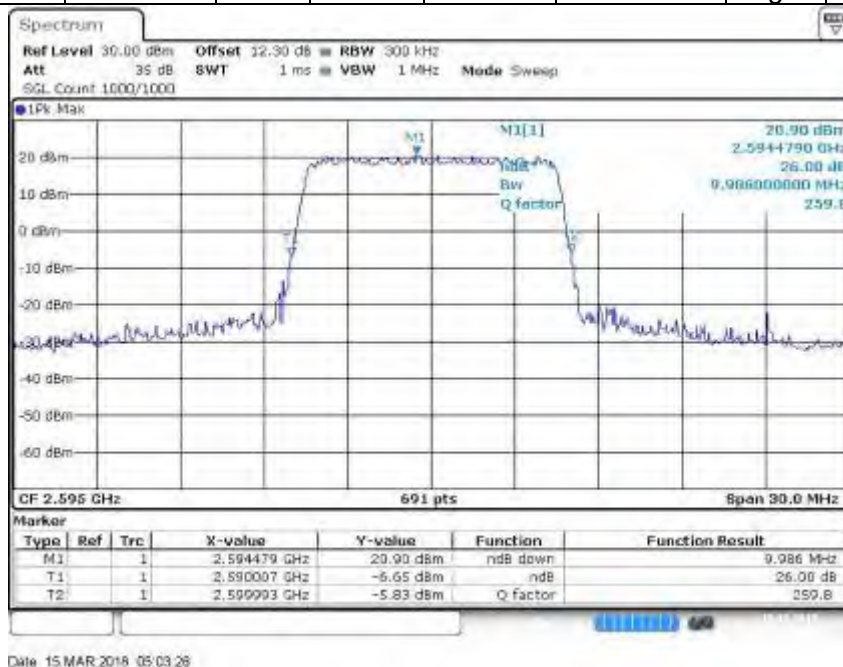


Fig.4



Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
38	2615	38200	10	50	0	9.855	Fig.4	9.855	Fig.8

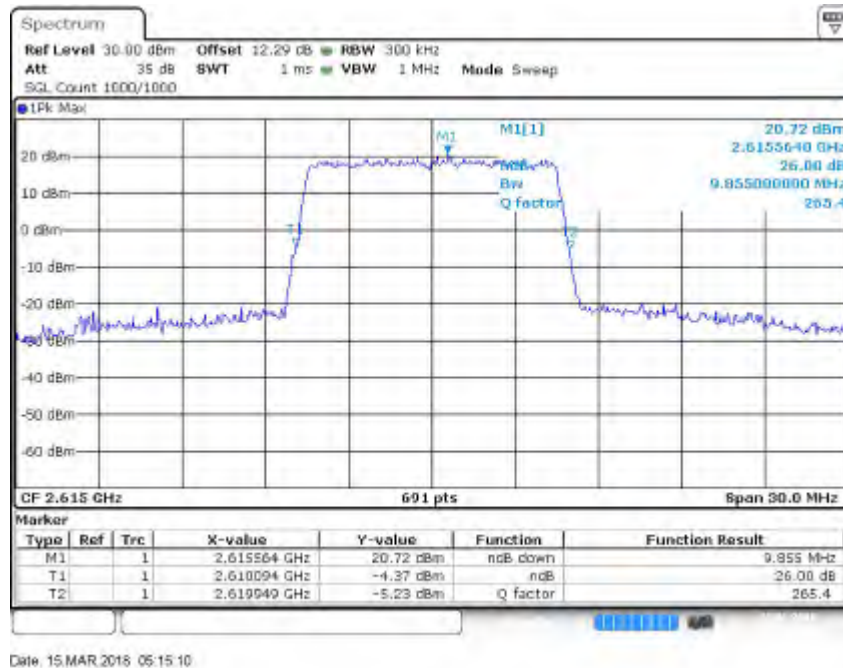


Fig.4

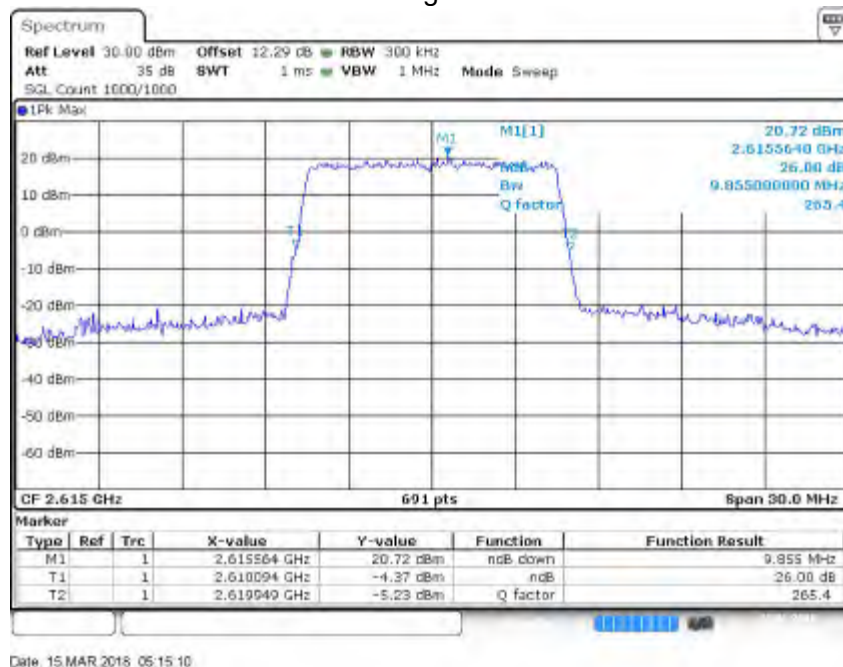


Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
38	2577.5	37825	15	75	0	14.718	Fig.4	14.653	Fig.8

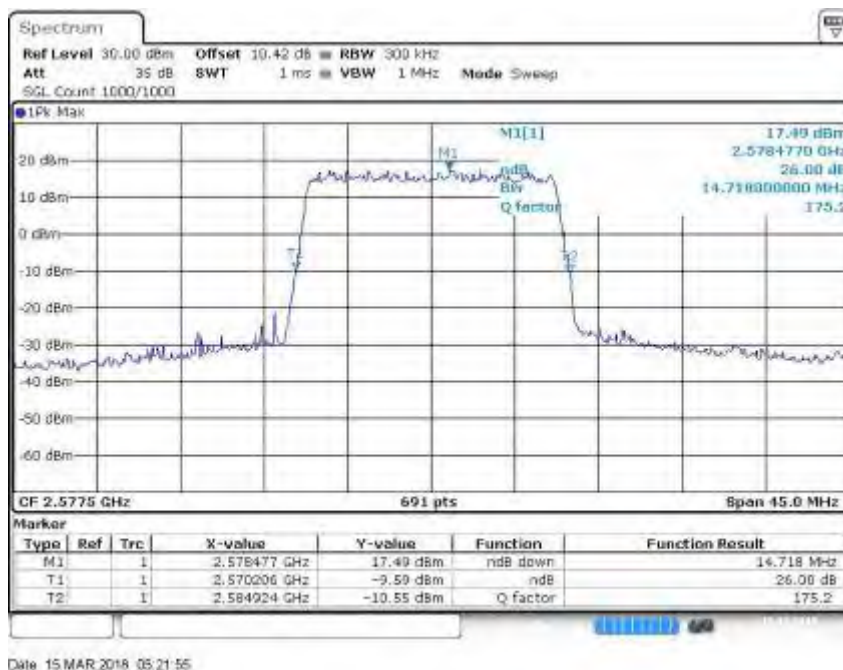


Fig.4

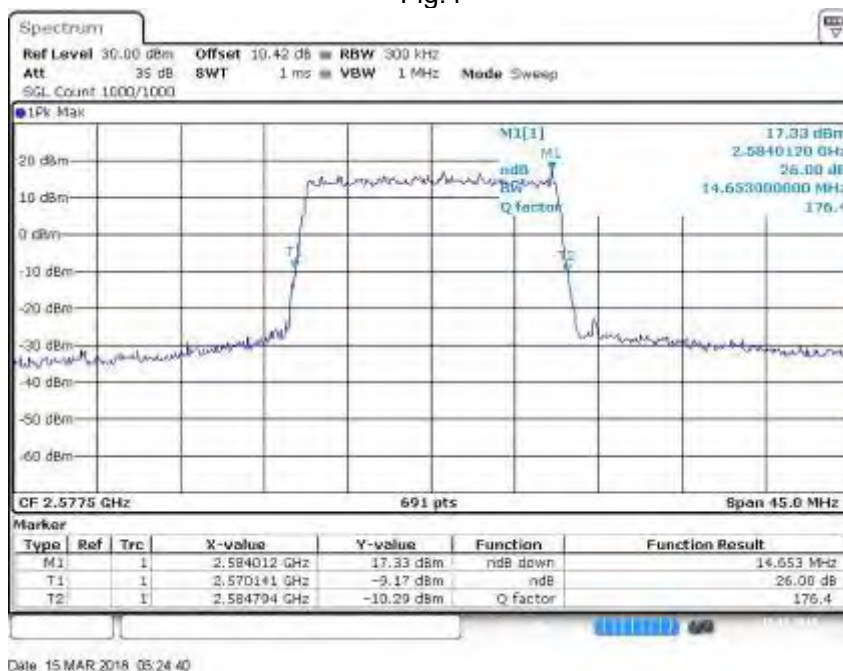


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
38	2595	38000	15	75	0	14.588	Fig.4	14.653	Fig.8

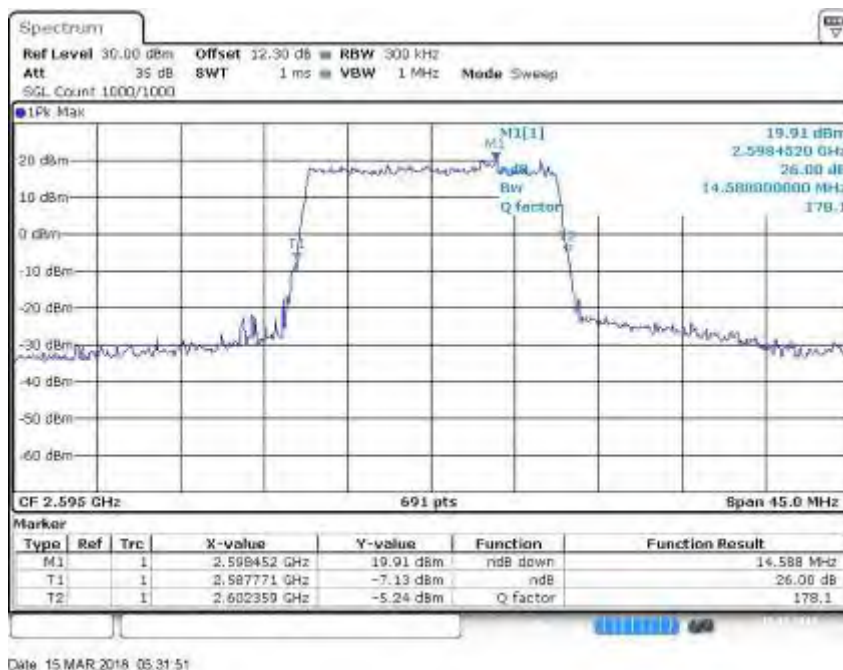


Fig.4

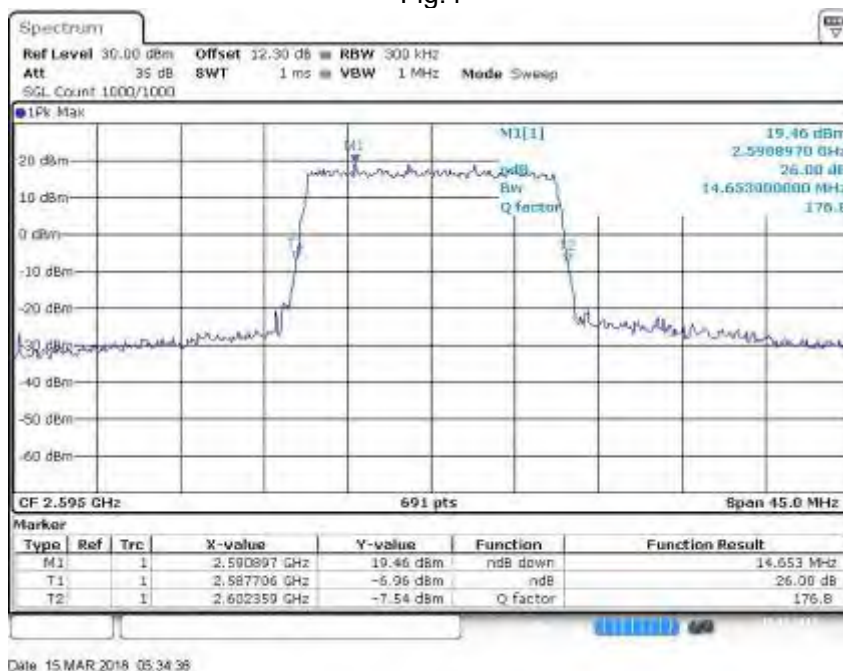


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
38	2612.5	38175	15	75	0	14.653	Fig.4	14.653	Fig.8

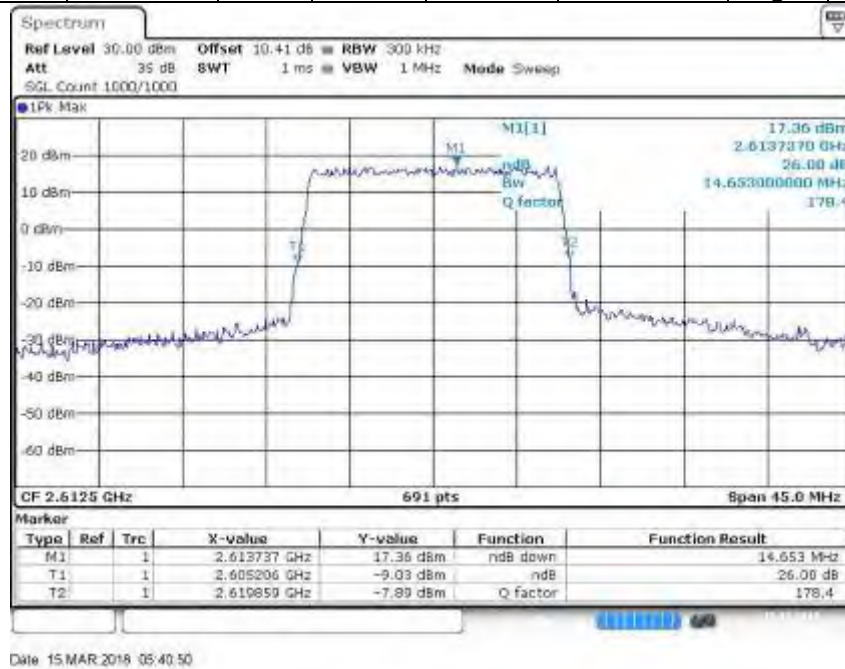


Fig.4

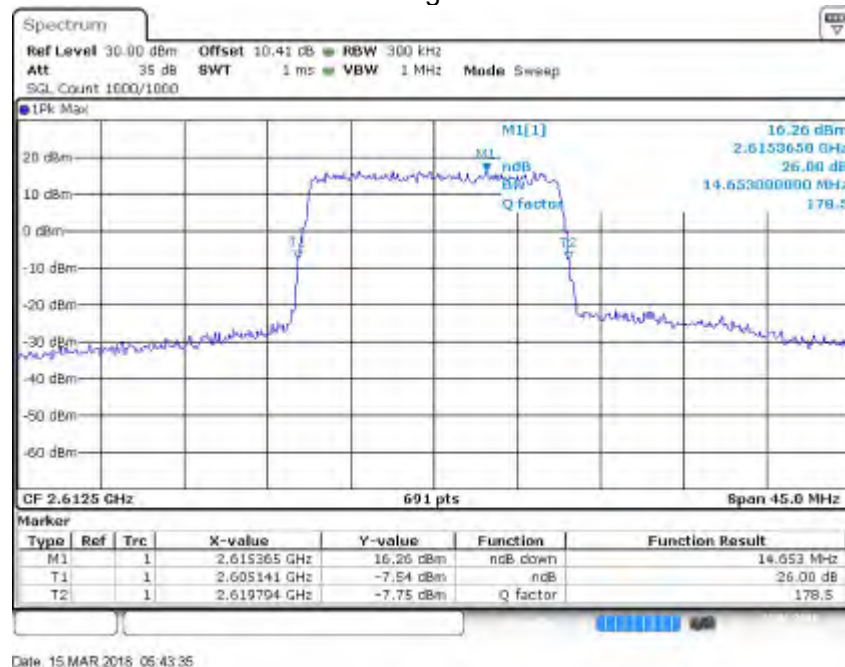


Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
38	2580	37850	20	100	0	19.190	Fig.4	19.363	Fig.8

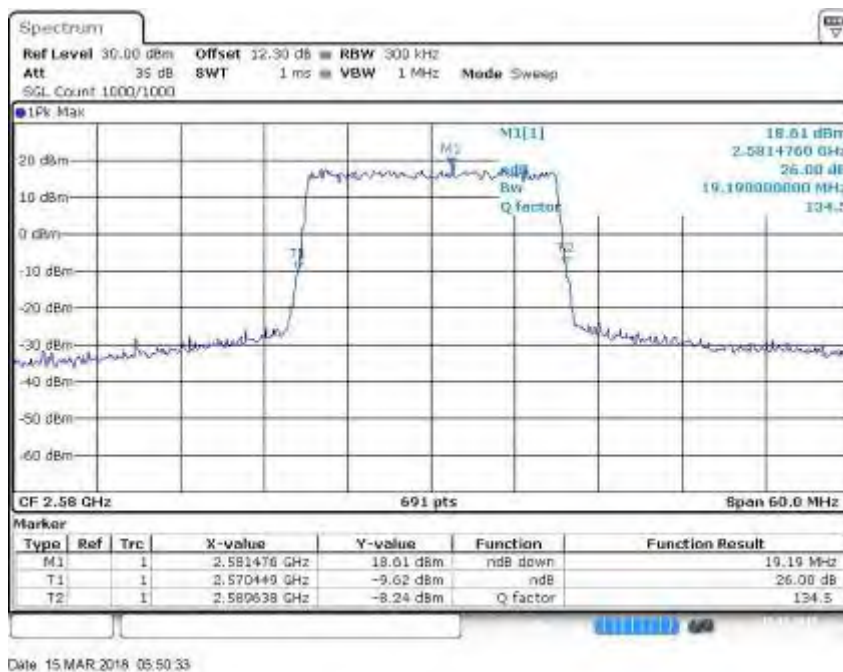


Fig.4

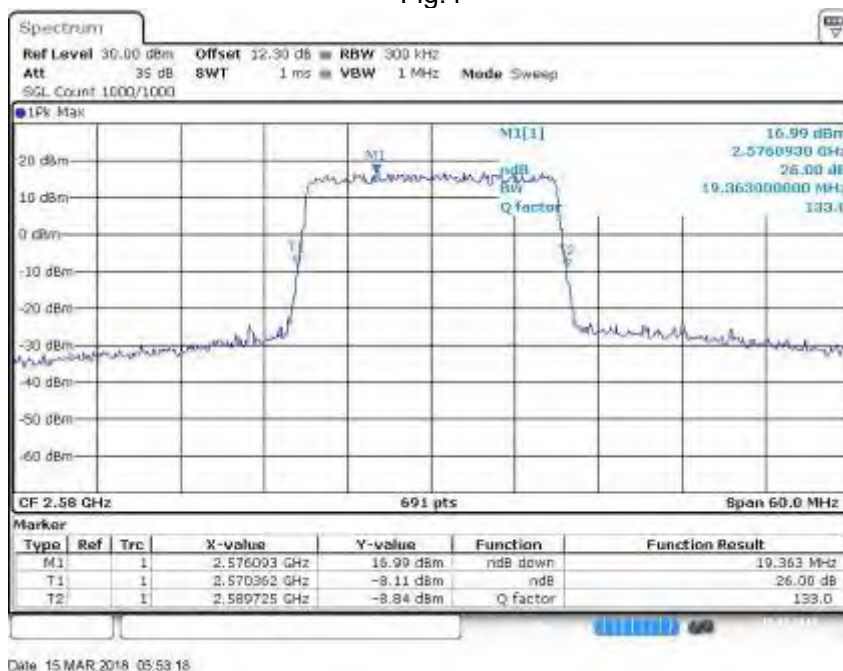


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
38	2595	38000	20	100	0	19.276	Fig.4	19.190	Fig.8

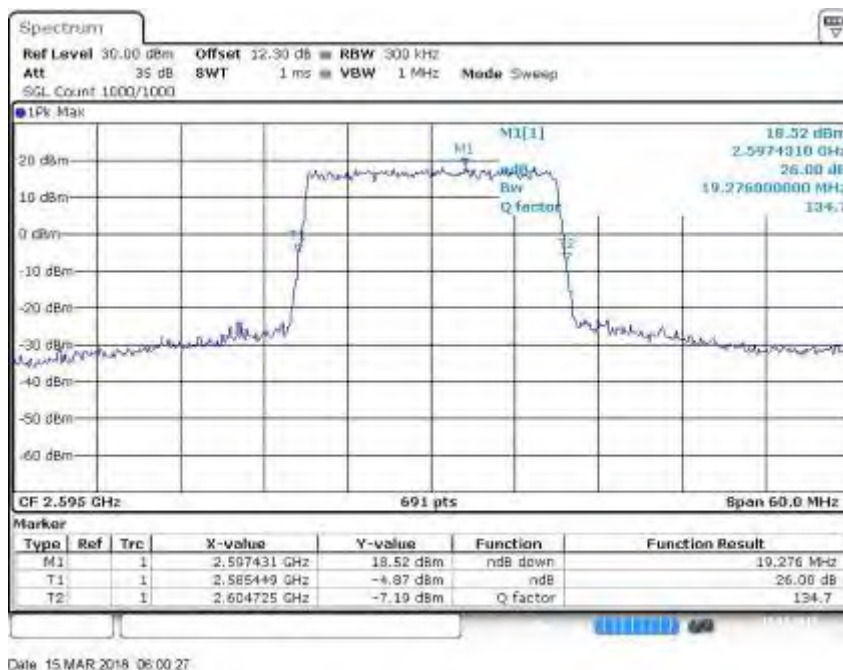


Fig.4

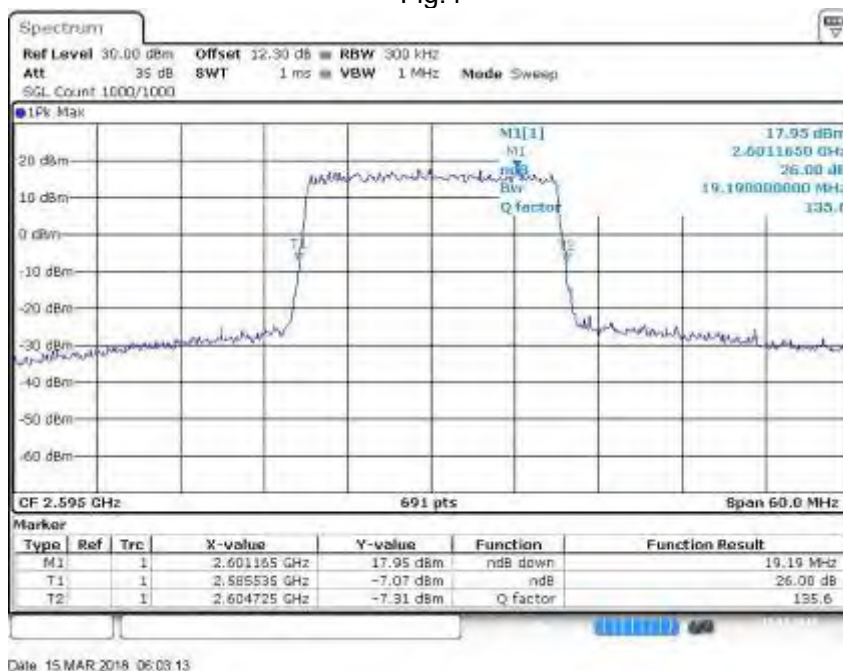


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
38	2610	38150	20	100	0	19.276	Fig.4	19.190	Fig.8

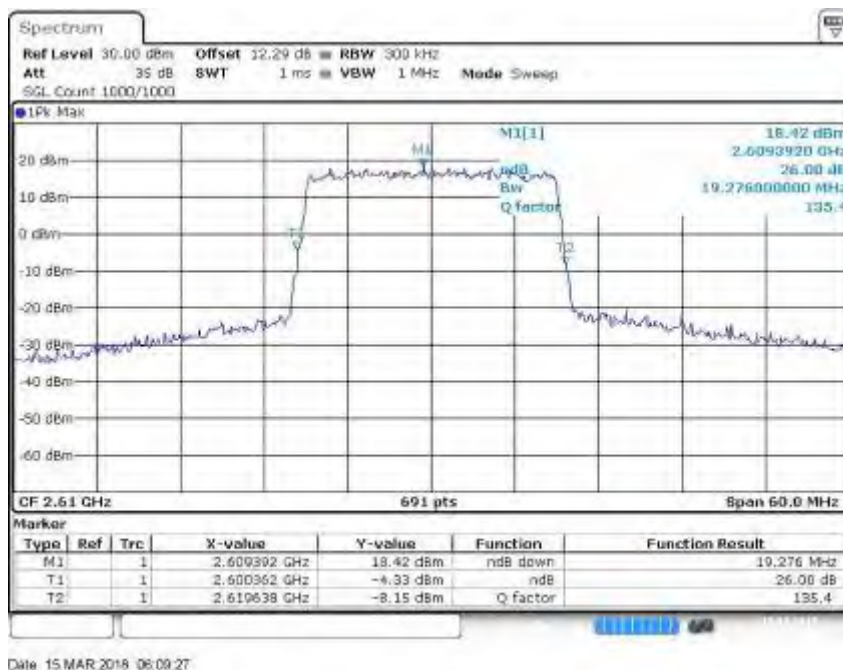


Fig.4

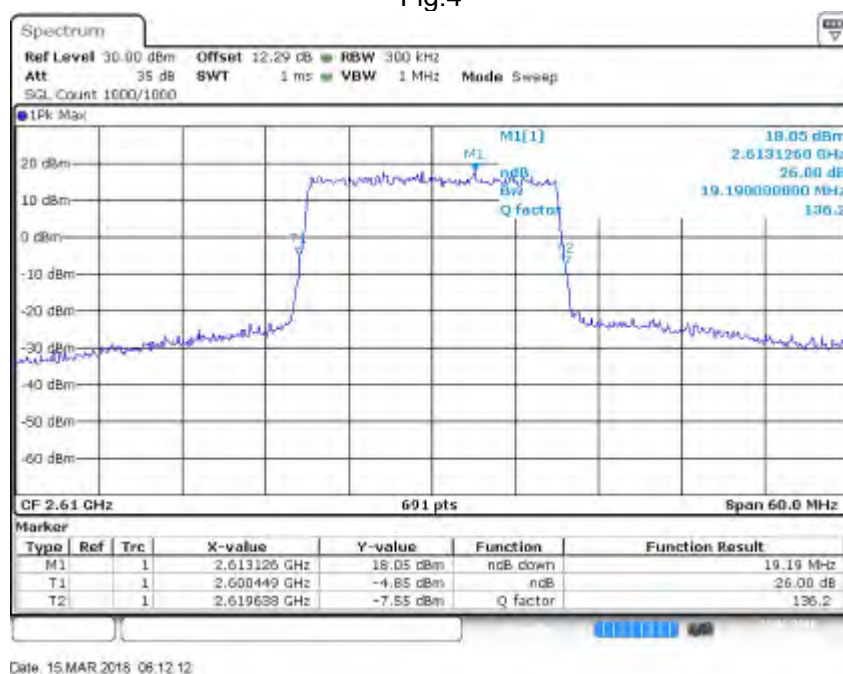
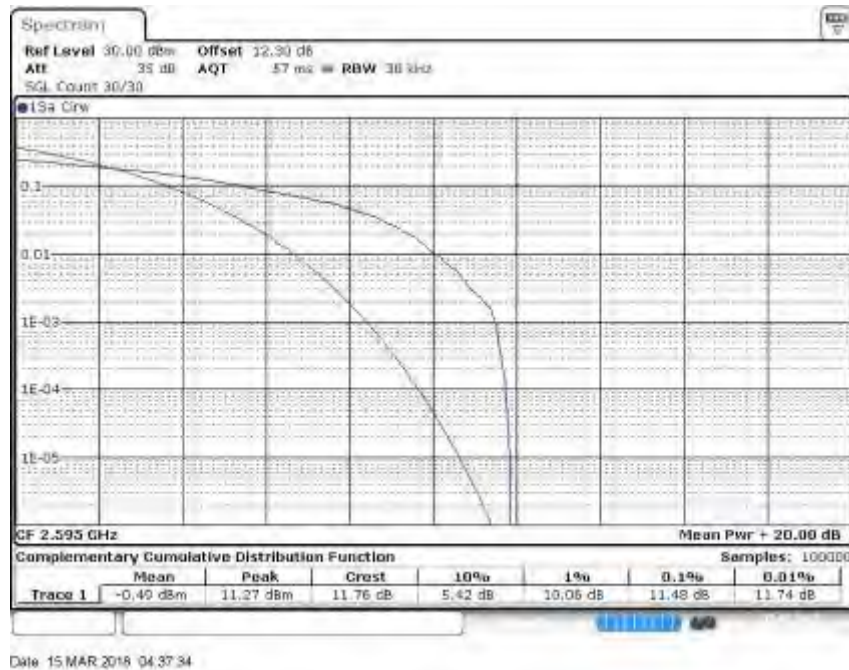


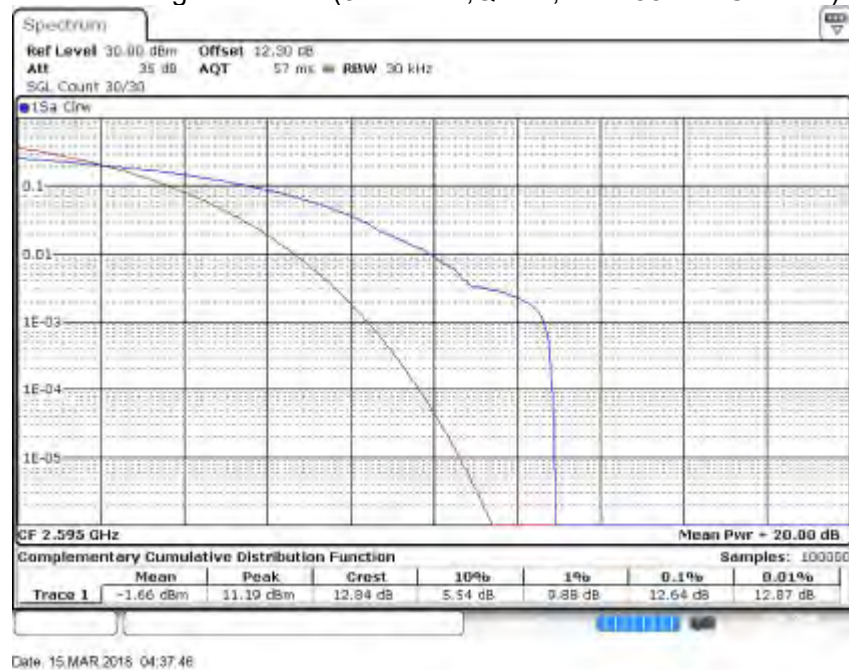
Fig.8

4 Peak-Average Ratio

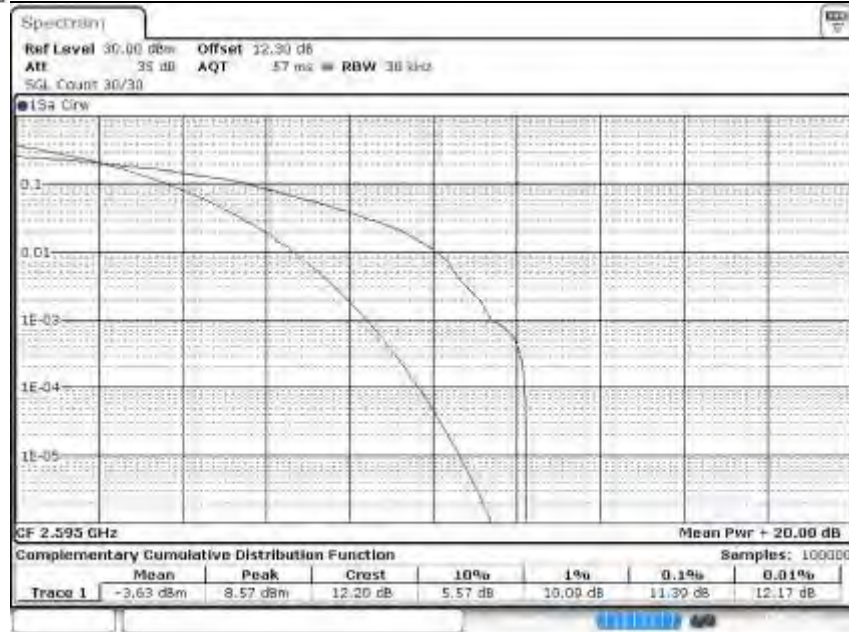
Test result:



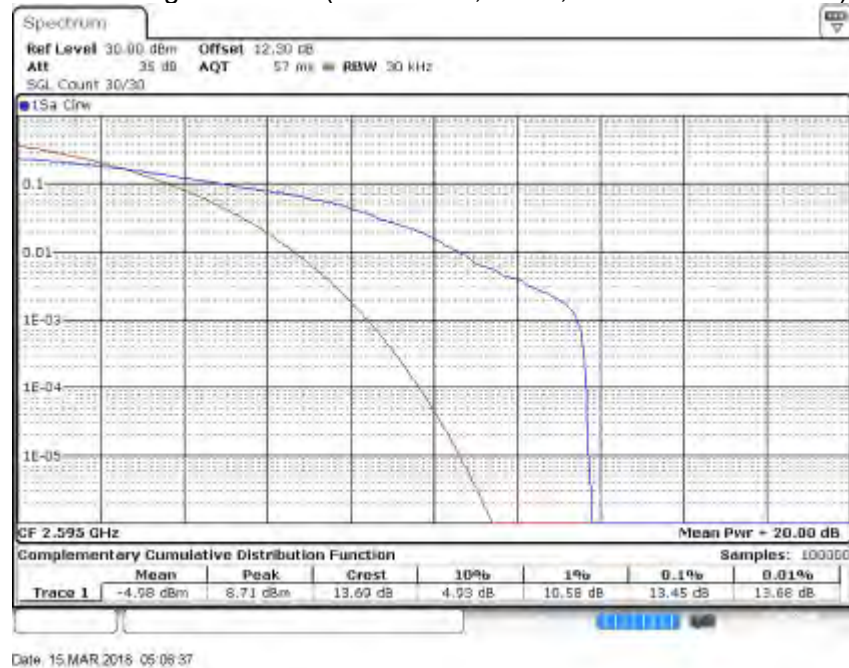
Peak-Average Ratio Plot(5MHz BW,QPSK,Band 38-mid Channel)



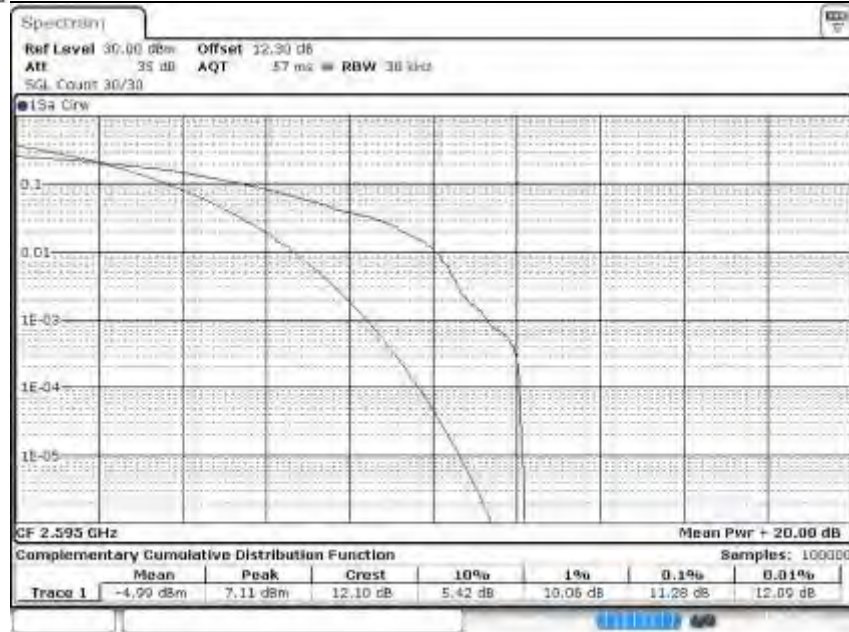
Peak-Average Ratio Plot(5MHz BW,16QAM,Band 38-mid Channel)



Peak-Average Ratio Plot(10MHz BW,QPSK,Band 38-mid Channel)

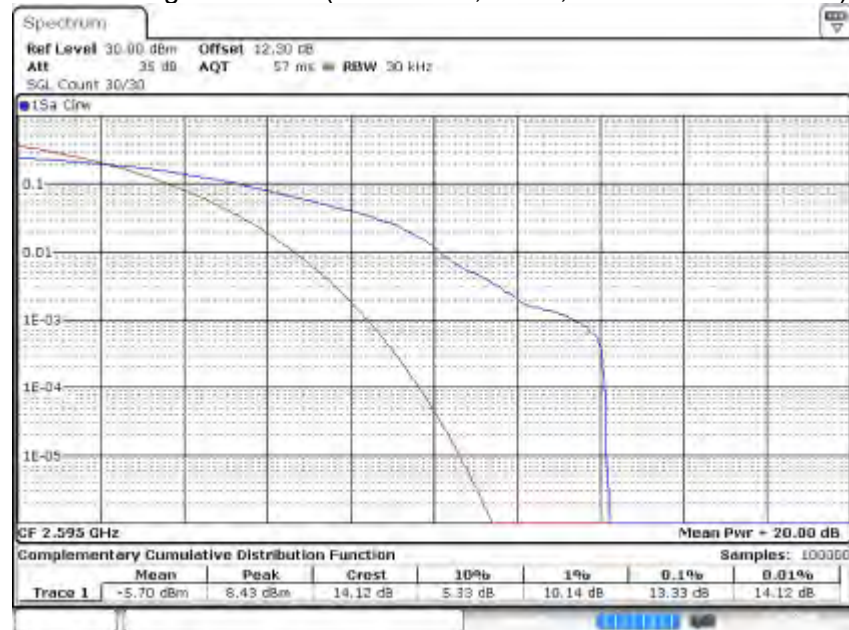


Peak-Average Ratio Plot(10MHz BW,16QAM,Band 38-mid Channel)



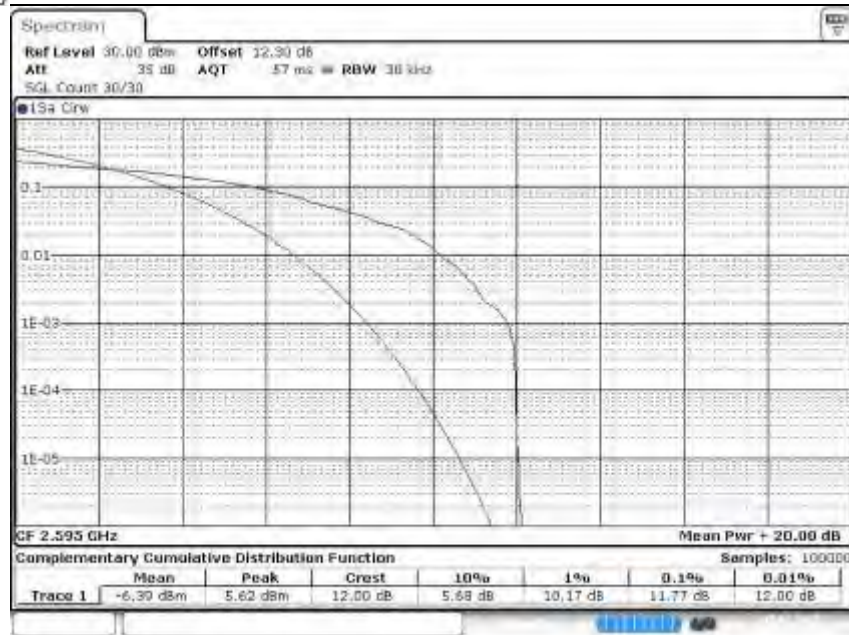
Date: 15 MAR 2018 05:34:51

Peak-Average Ratio Plot(15MHz BW,QPSK,Band 38-mid Channel)



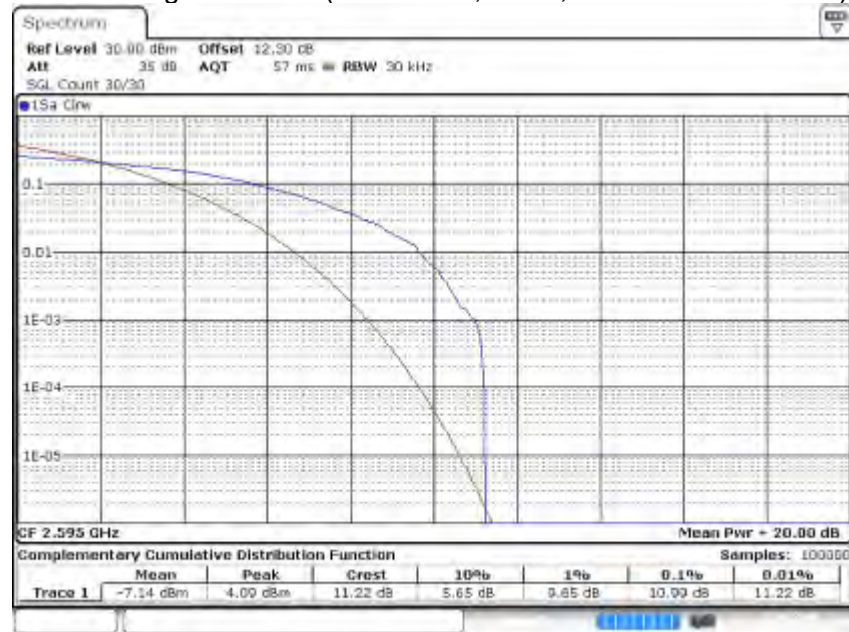
Date: 15 MAR 2018 05:35:02

Peak-Average Ratio Plot(15MHz BW,16QAM,Band 38-mid Channel)



Date: 15 MAR 2018 06:03:28

Peak-Average Ratio Plot(20MHz BW,QPSK,Band 38-mid Channel)



Date: 15 MAR 2018 06:03:39

Peak-Average Ratio Plot(20MHz BW,16QAM,Band 38-mid Channel)

5 Spurious Emissions at antenna terminal

Test result

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
38	2580	37850	20	100	0	Fig.4	Fig.8

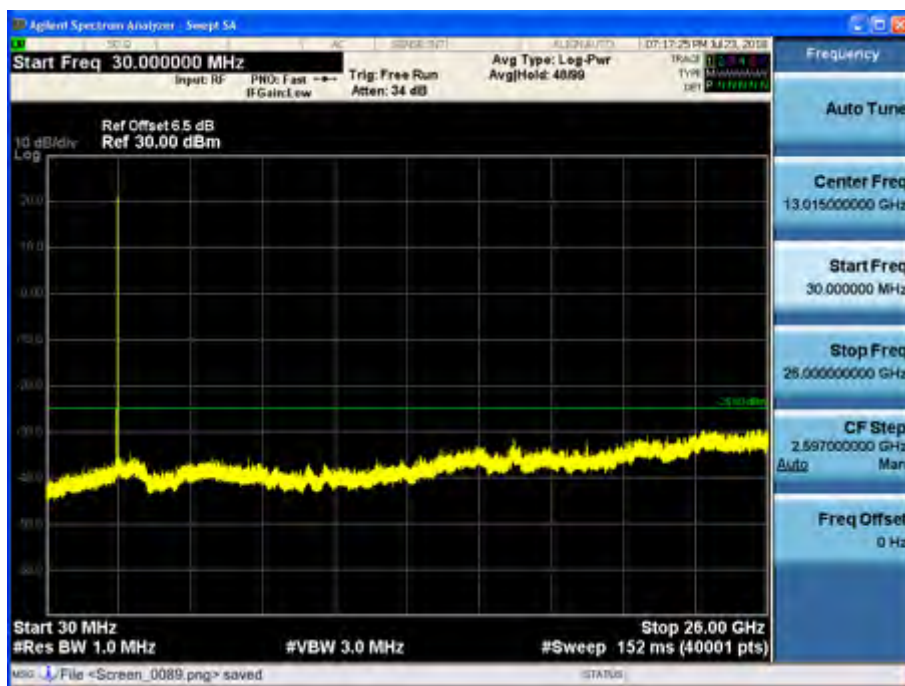


Fig.4



Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
38	2595	38000	20	100	0	Fig.4	Fig.8



Fig.4



Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
38	2610	38150	20	100	0	Fig.4	Fig.8



Fig.4



Fig.8

6 Band Edges Compliance

Test result

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
38	2572.5	37775	5	1	0	Fig.1
				25	0	Fig.4

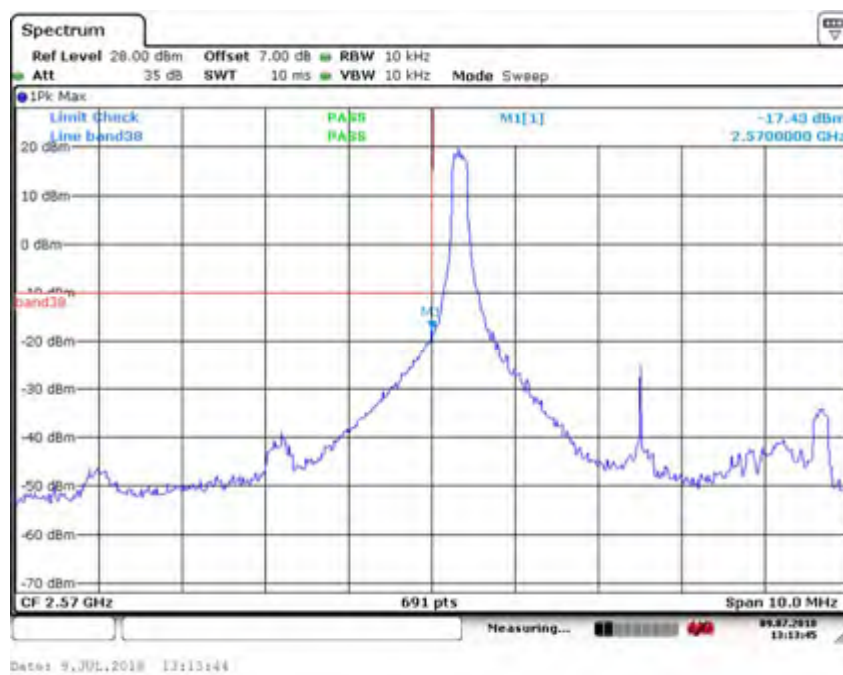


Fig.1

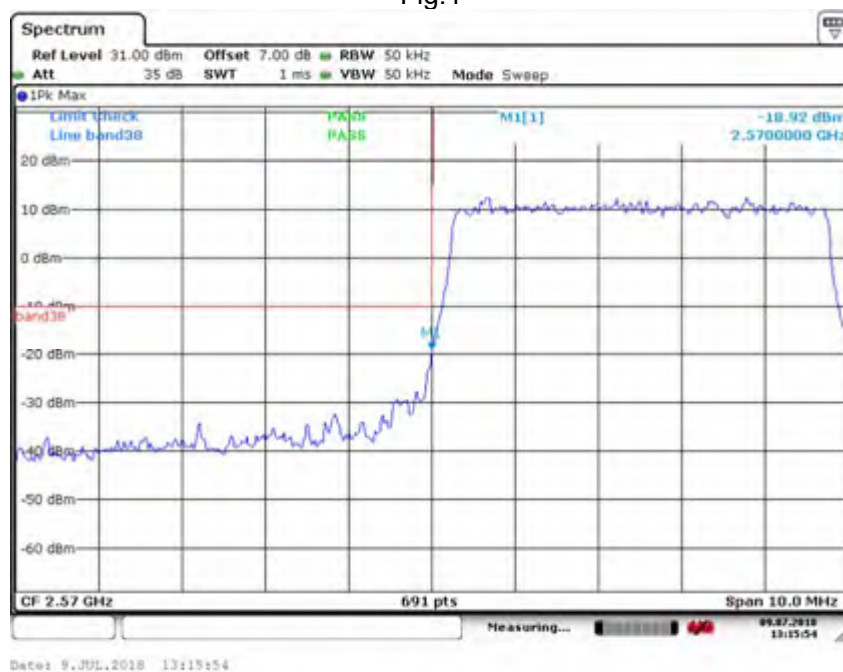
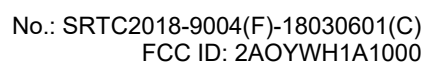


Fig.4



Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
38	2617.5	38225	5	1	0	Fig.1
				25	0	Fig.4

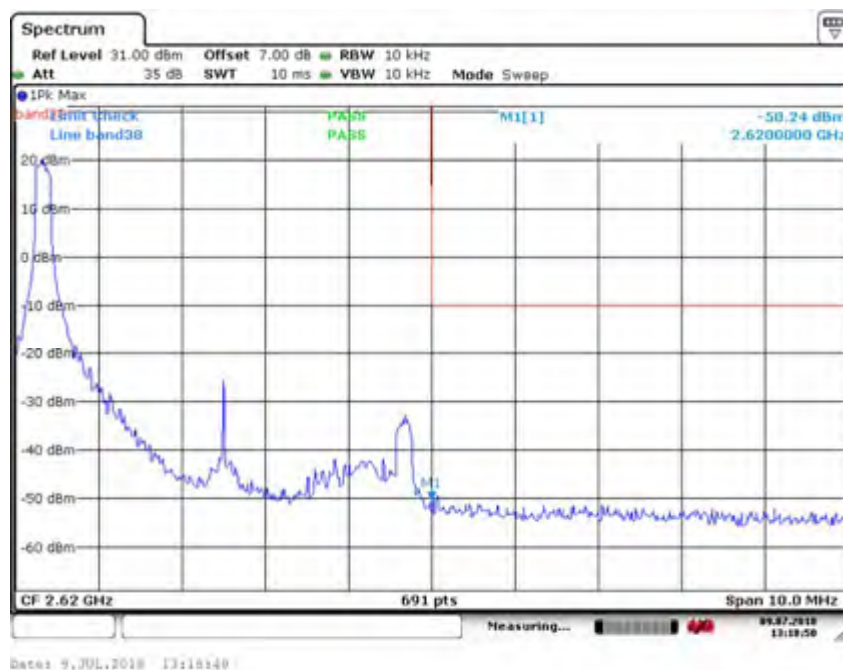


Fig.1

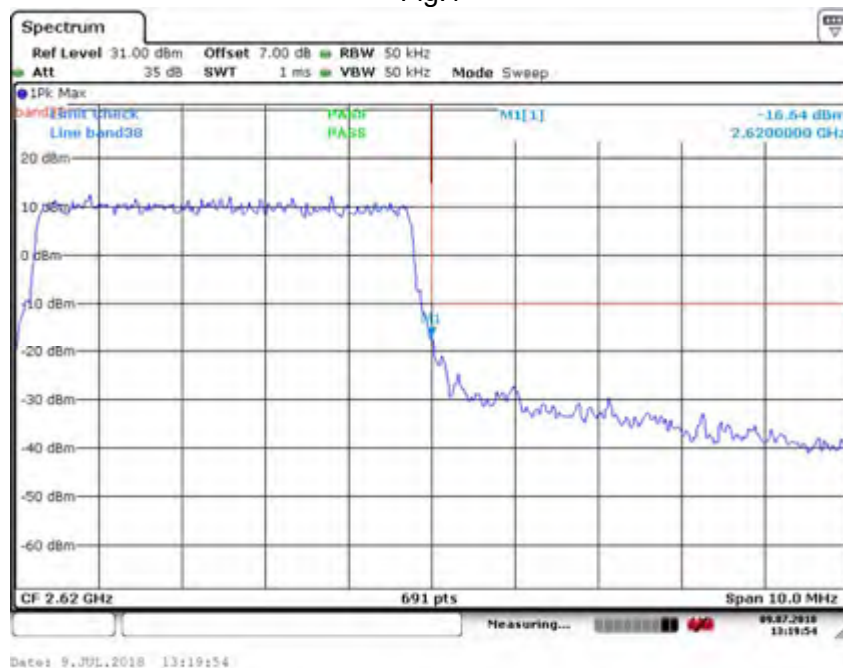


Fig.4

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
38	2575	37800	10	1	0	Fig.1
				50	0	Fig.4

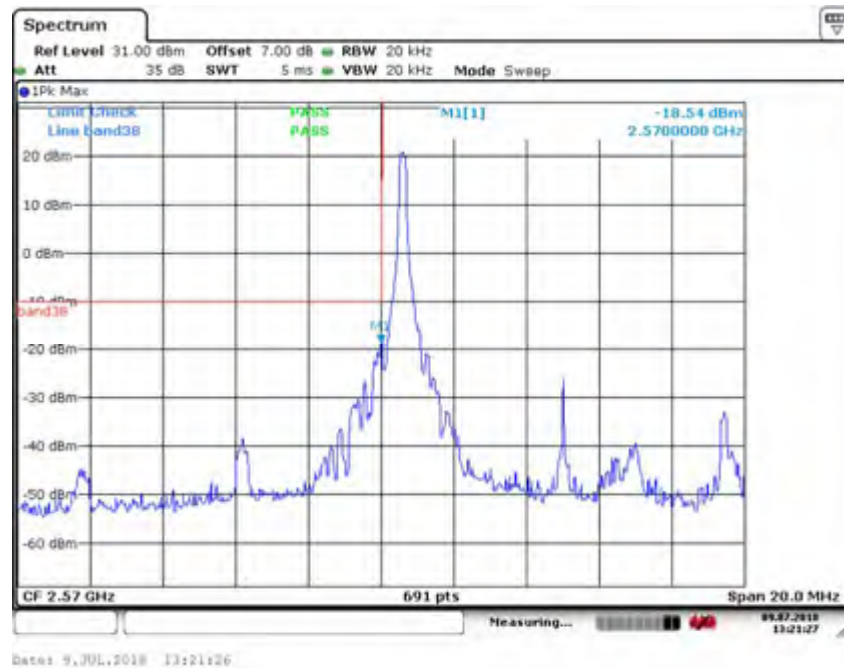


Fig.1

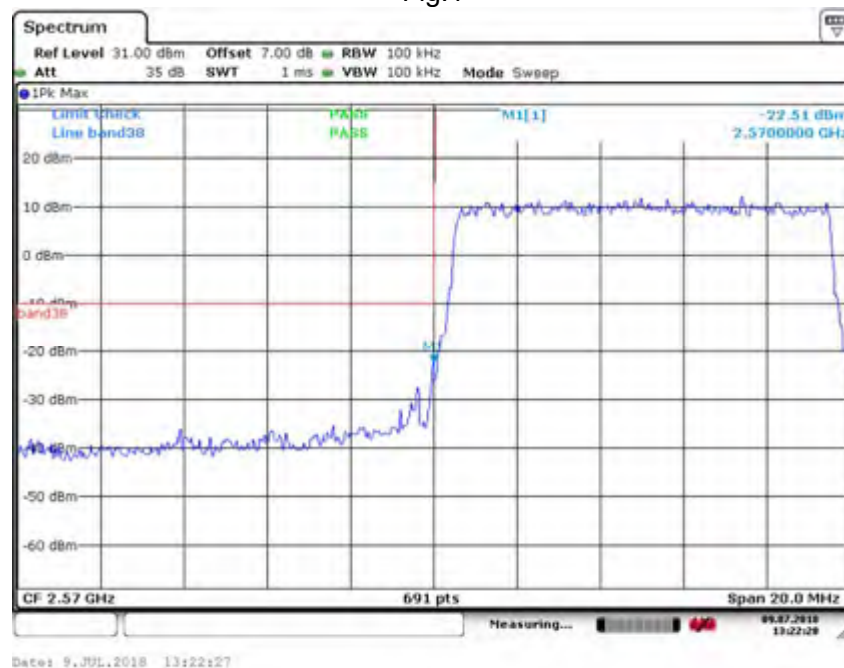


Fig.4

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
38	2615	38200	10	1	0	Fig.1
				50	0	Fig.4

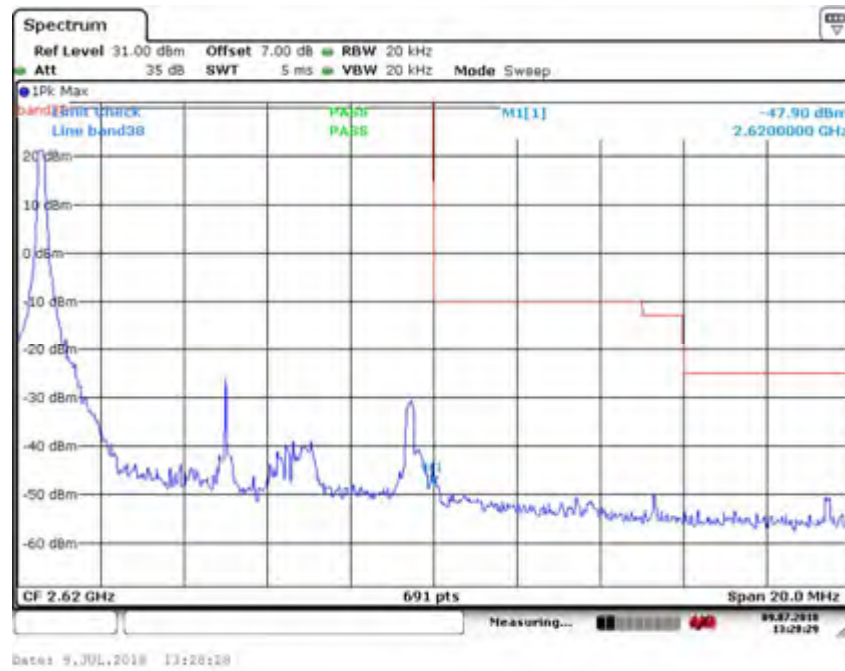


Fig.1

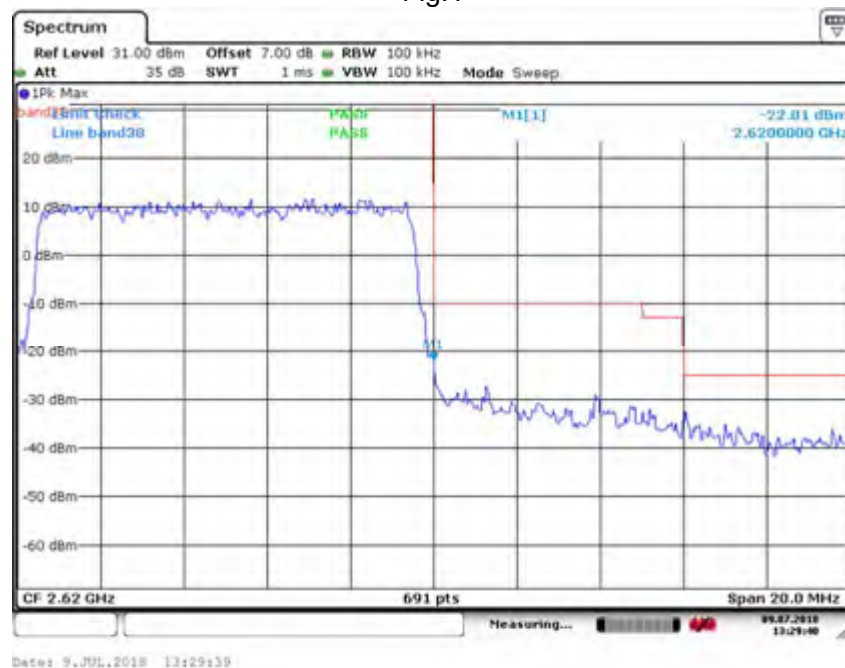


Fig.4

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
38	2577.5	37825	15	1	0	Fig.1
				75	0	Fig.4

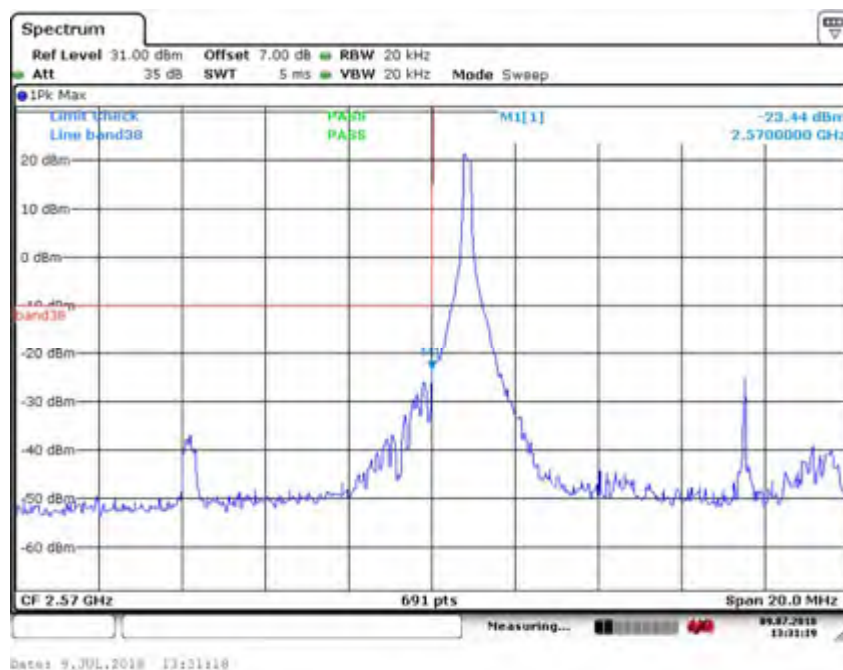


Fig.1

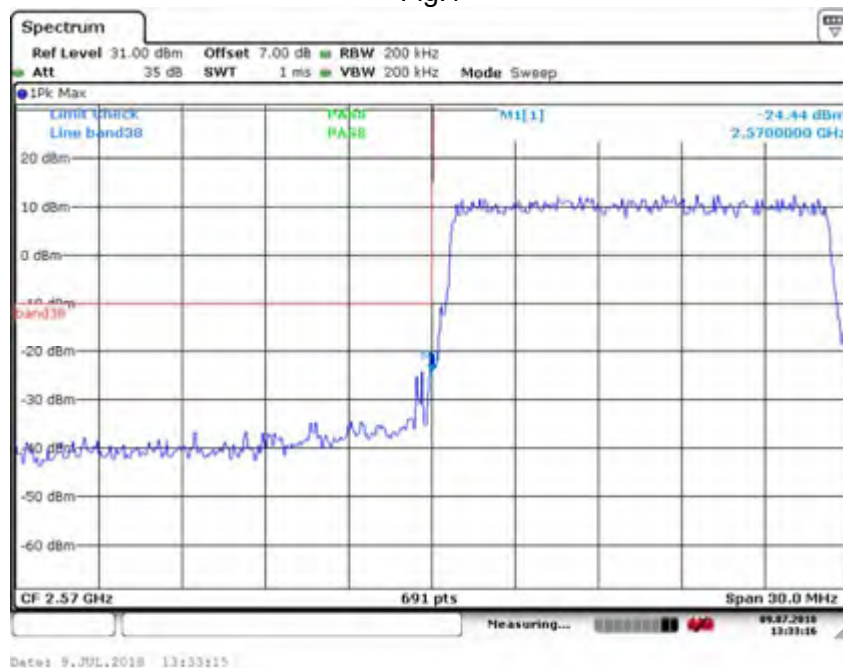


Fig.4

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
38	2612.5	38175	15	1	0	Fig.1
				75	0	Fig.4

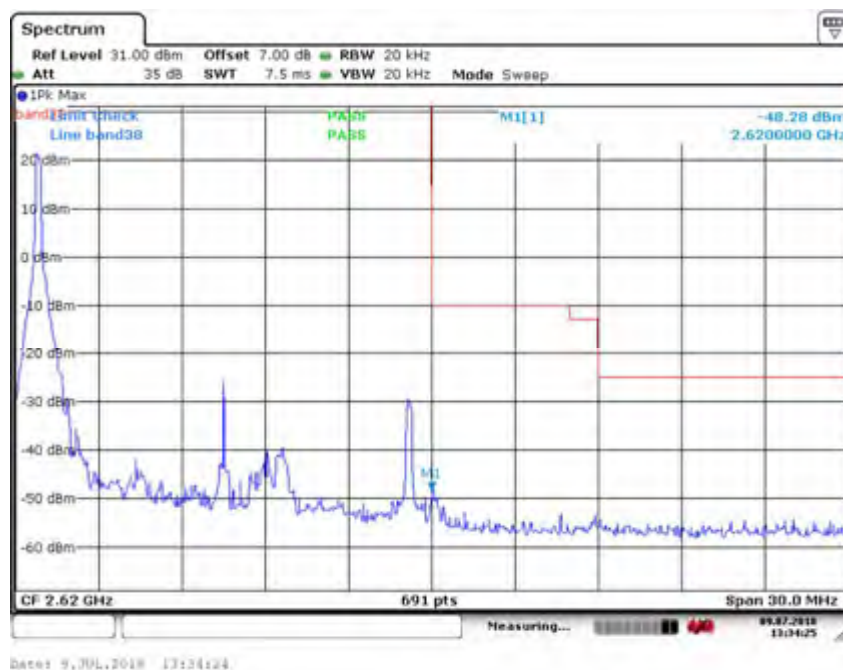


Fig.1

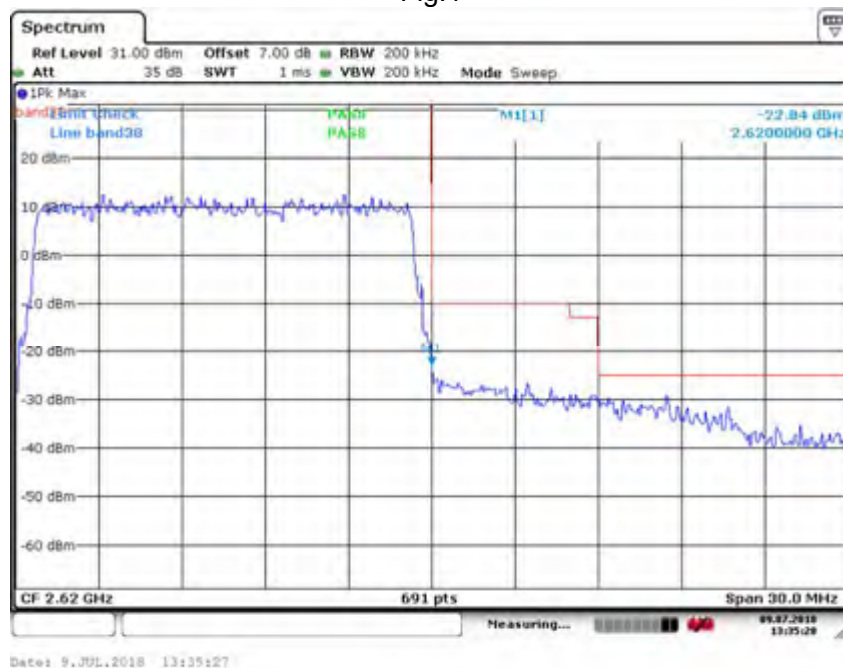


Fig.4

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
38	2580	37850	20	1	0	Fig.1
				100	0	Fig.4

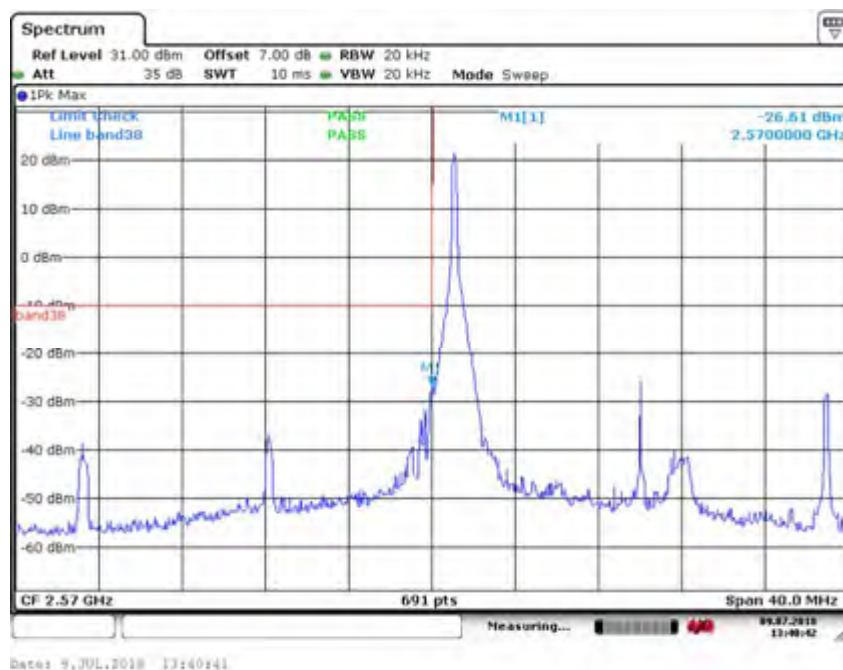


Fig.1

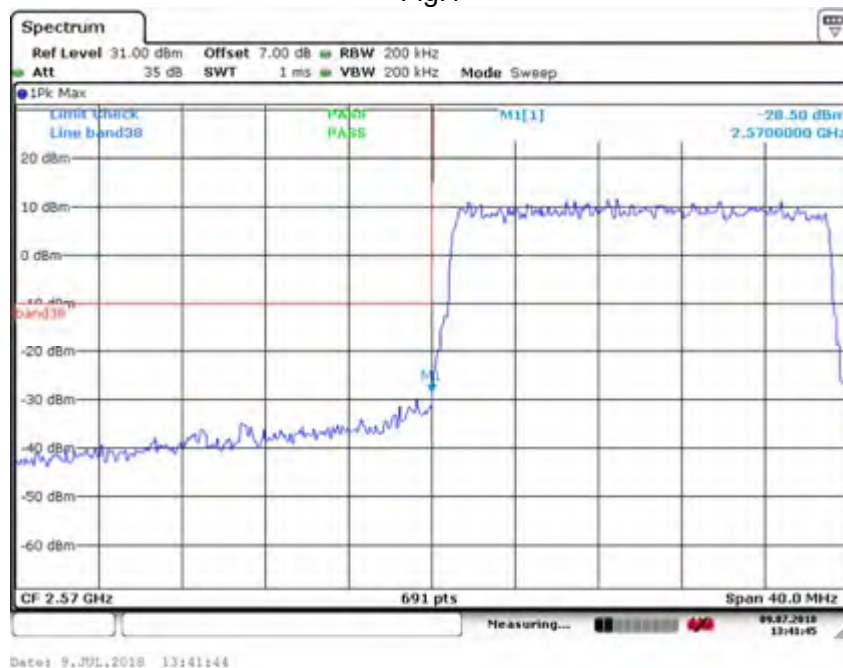


Fig.4

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
38	2610	38150	20	1	0	Fig.1
				100	0	Fig.4

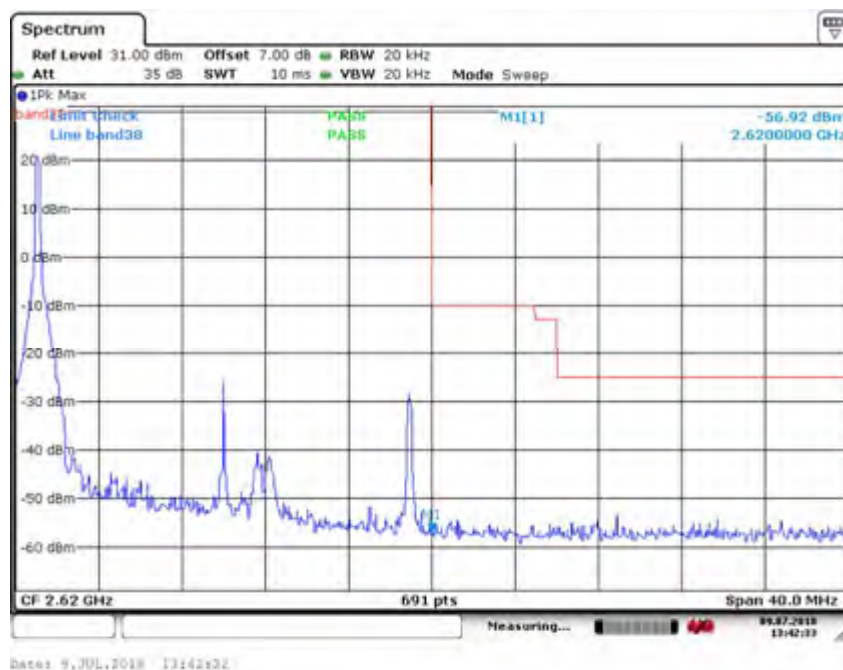


Fig.1

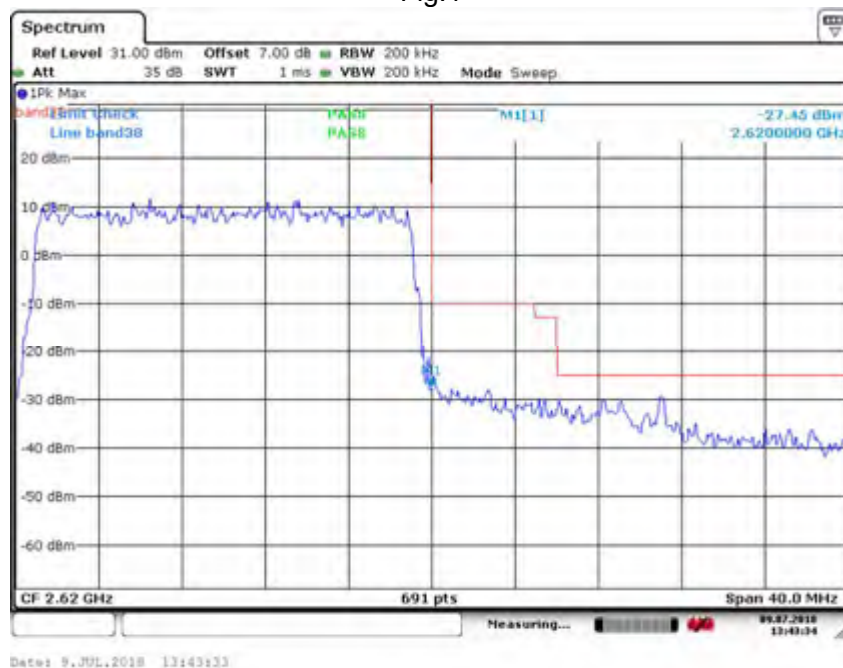


Fig.4

7 Frequency Stability

Test result:

Band	BW	Test Result (ppm)@NV		Test Result (ppm)@NT	
		Temperature(°C)		Voltage	
Band	5	-30	-0.001	LV	-0.001
		-20	0.000		
		-10	-0.002		
		0	-0.003		
		10	0.003	HV	-0.005
		30	0.001		
		40	-0.002		
		50	-0.003		
	10	-30	-0.001	LV	-0.002
		-20	-0.001		
		-10	-0.004		
		0	-0.002		
		10	0.000	HV	0.001
		30	-0.001		
		40	-0.001		
		50	-0.001		
	15	-30	-0.001	LV	-0.002
		-20	-0.001		
		-10	-0.001		
		0	0.001		
		10	-0.004	HV	-0.001
		30	-0.002		
		40	-0.001		
		50	0.000		
	20	-30	0.000	LV	0.001
		-20	-0.001		
		-10	-0.004		
		0	-0.004		
		10	-0.001	HV	0.001
		30	-0.004		
		40	-0.001		
		50	0.002		



LTE Band 41

1 RF Power Output

Test result:

Antenna Gain:1.36dBi

Antenna Gain: 100dB							
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	2498.5	39675	5	1	0	23.3	24.7
				1	24	23.1	24.5
				12	6	22.1	23.5
				25	0	22.1	23.5
	2593	40620		1	0	23.5	24.9
				1	24	23.5	24.9
				12	6	22.5	23.9
				25	0	22.5	23.9
	2687.5	41565		1	0	23.5	24.9
				1	24	23.4	24.8
				12	6	22.4	23.8
				25	0	22.5	23.9

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	2498.5	39675	5	1	0	22.1	23.5
				1	24	22.0	23.4
				12	6	21.1	22.5
				25	0	21.1	22.5
	2593	40620		1	0	22.2	23.6
				1	24	22.3	23.7
				12	6	21.5	22.9
				25	0	21.5	22.9
	2687.5	41565		1	0	22.6	24.0
				1	24	22.5	23.9
				12	6	21.5	22.9
				25	0	21.5	22.9



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	2501	39700	10	1	0	23.0	24.4
				1	49	23.1	24.5
				24	12	22.1	23.5
				50	0	22.1	23.5
	2593	40620		1	0	23.5	24.9
				1	49	23.6	25.0
				24	12	22.6	24.0
				50	0	22.6	24.0
	2685	41540		1	0	23.6	25.0
				1	49	23.5	24.9
				24	12	22.6	24.0
				50	0	22.6	24.0

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	2501	39700	10	1	0	22.1	23.5
				1	49	22.0	23.4
				24	12	21.1	22.5
				50	0	21.1	22.5
	2593	40620		1	0	22.3	23.7
				1	49	22.4	23.8
				24	12	21.6	23.0
				50	0	21.6	23.0
	2685	41540		1	0	22.6	24.0
				1	49	22.4	23.8
				24	12	21.7	23.1
				50	0	21.6	23.0



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	2503.5	39725	15	1	0	23.2	24.6
				1	74	23.2	24.6
				40	18	22.2	23.6
				75	0	22.2	23.6
	2593	40620		1	0	23.6	25.0
				1	74	23.6	25.0
				40	18	22.6	24.0
				75	0	22.6	24.0
	2682.5	41515		1	0	23.7	25.1
				1	74	23.5	24.9
				40	18	22.6	24.0
				75	0	22.6	24.0

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	2503.5	39725	15	1	0	22.2	23.6
				1	74	22.2	23.6
				40	18	21.2	22.6
				75	0	21.2	22.6
	2593	40620		1	0	22.4	23.8
				1	74	22.3	23.7
				40	18	21.5	22.9
				75	0	21.6	23.0
	2682.5	41515		1	0	22.8	24.2
				1	74	22.6	24.0
				40	18	21.6	23.0
				75	0	21.6	23.0



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	2506	39750	20	1	0	23.3	24.7
				1	99	23.4	24.8
				50	25	22.3	23.7
				100	0	22.3	23.7
	2593	40620		1	0	23.6	25.0
				1	99	23.5	24.9
				50	25	22.6	24.0
				100	0	22.5	23.9
	2680	41490		1	0	23.8	25.2
				1	99	23.5	24.9
				50	25	22.6	24.0
				100	0	23.3	24.7

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	2506	39750	20	1	0	22.1	23.5
				1	99	22.1	23.5
				50	25	21.2	22.6
				100	0	21.2	22.6
	2593	40620		1	0	22.5	23.9
				1	99	22.5	23.9
				50	25	21.6	23.0
				100	0	21.6	23.0
	2680	41490		1	0	22.9	24.3
				1	99	22.6	24.0
				50	25	21.7	23.1
				100	0	21.7	23.1

2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
41	2498.5	39675	5	25	0	4.515	Fig.4	4.515	Fig.8

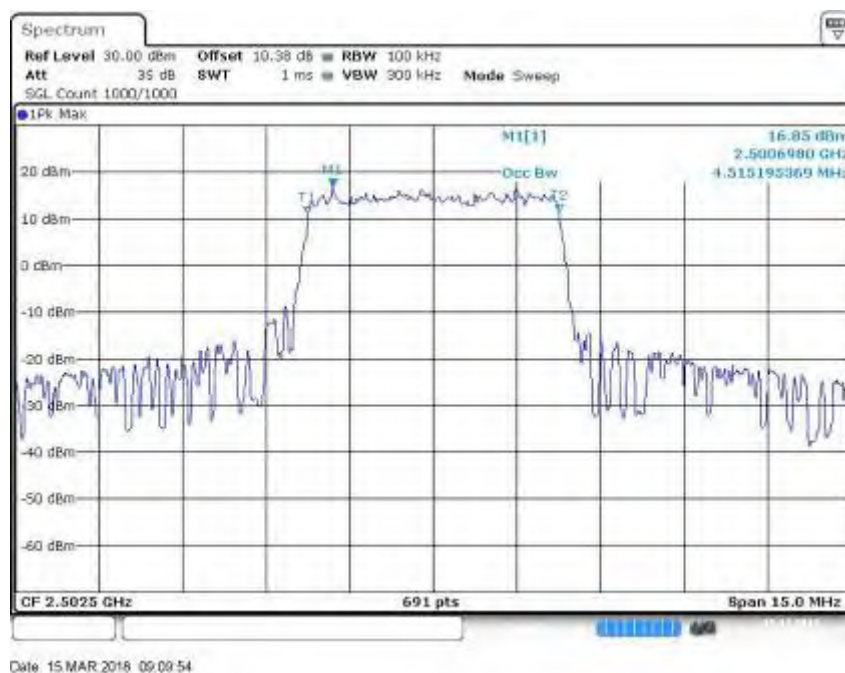


Fig.4

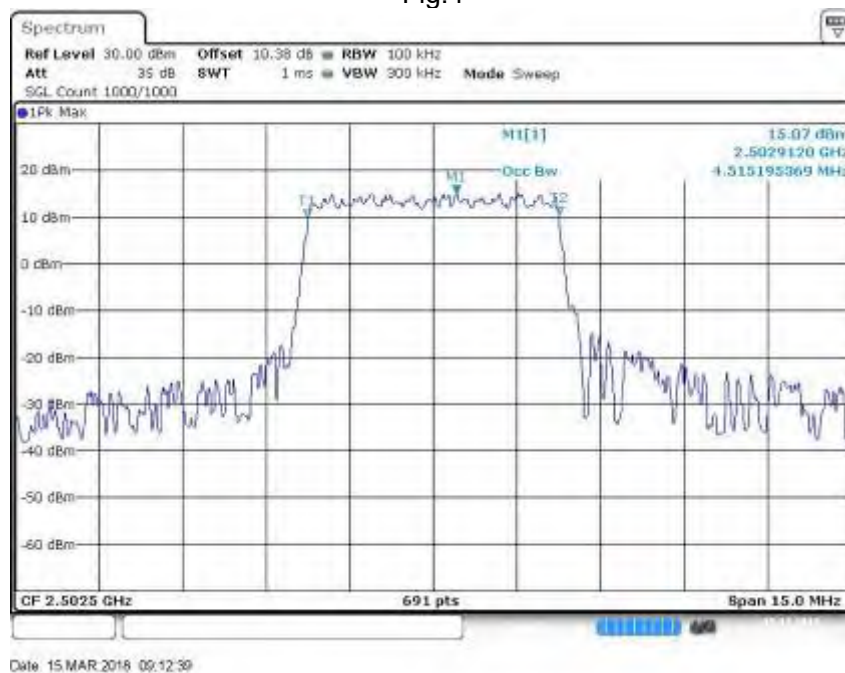


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
41	2593	40620	5	25	0	4.515	Fig.4	4.515	Fig.8

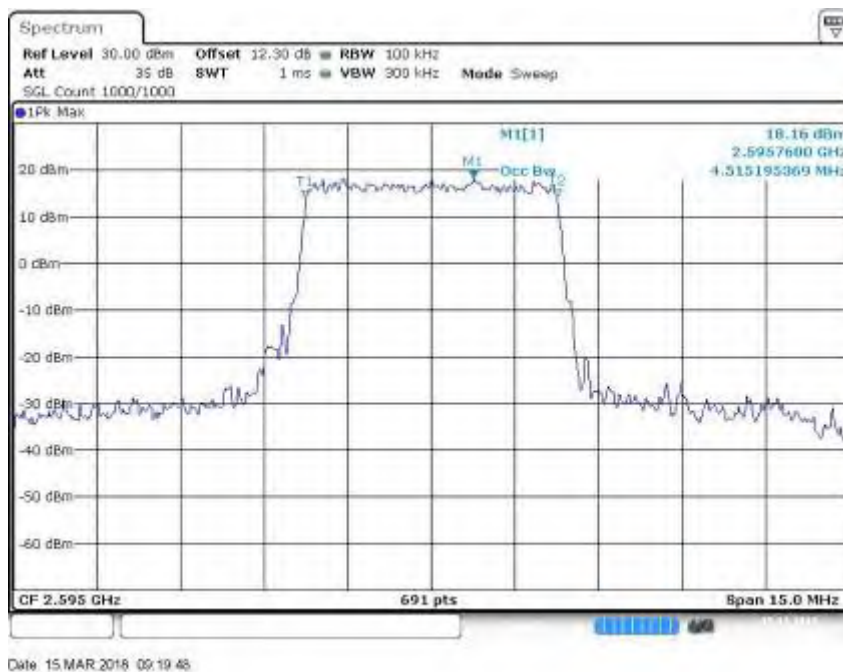


Fig.4

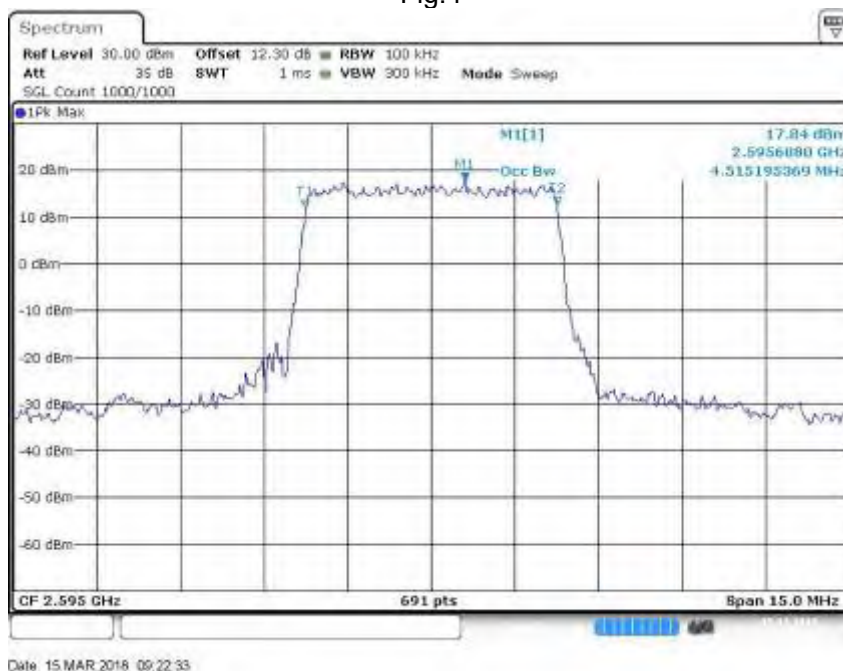


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
41	2687.5	41565	5	25	0	4.515	Fig.4	4.493	Fig.8

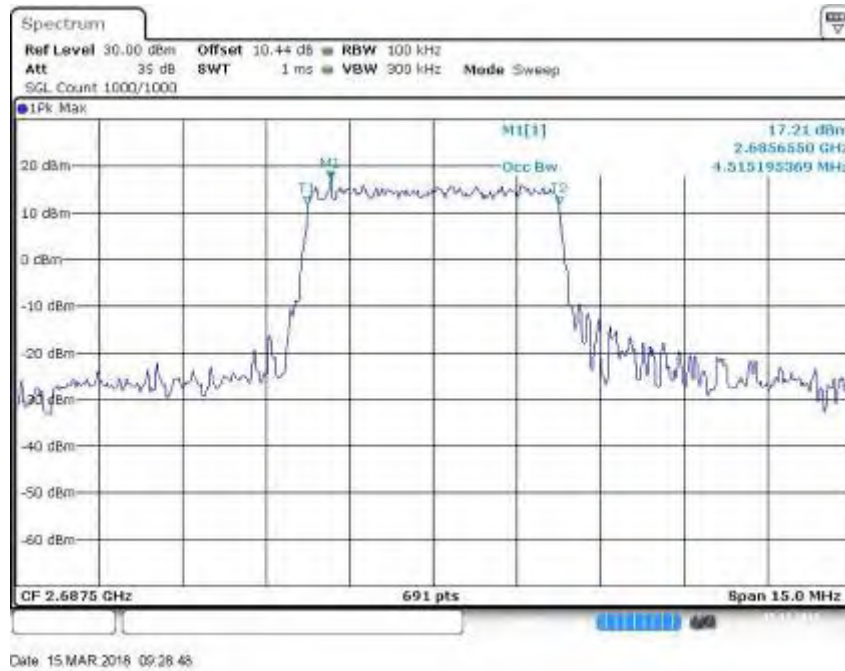


Fig.4

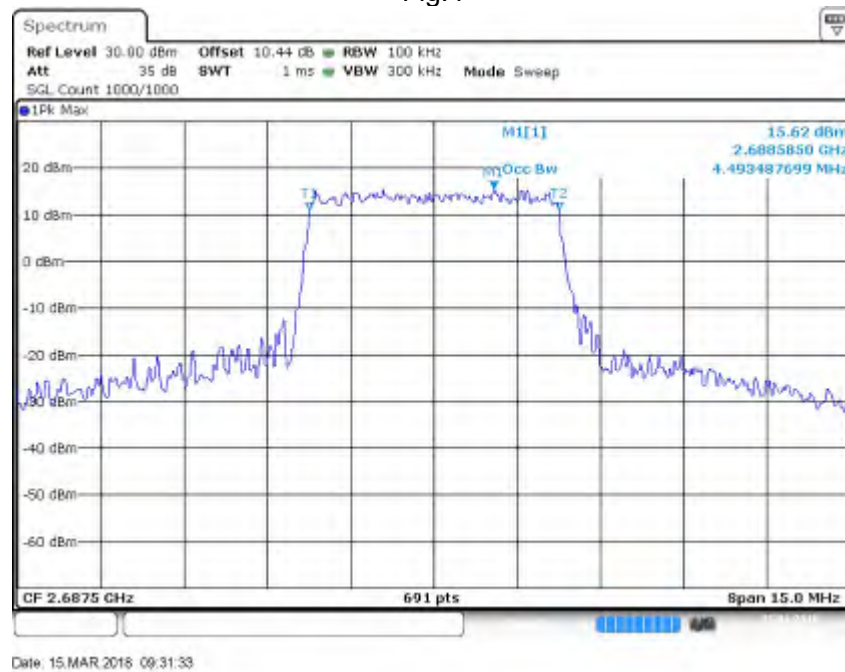


Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
41	2501	39700	10	50	0	9.074	Fig.4	9.074	Fig.8

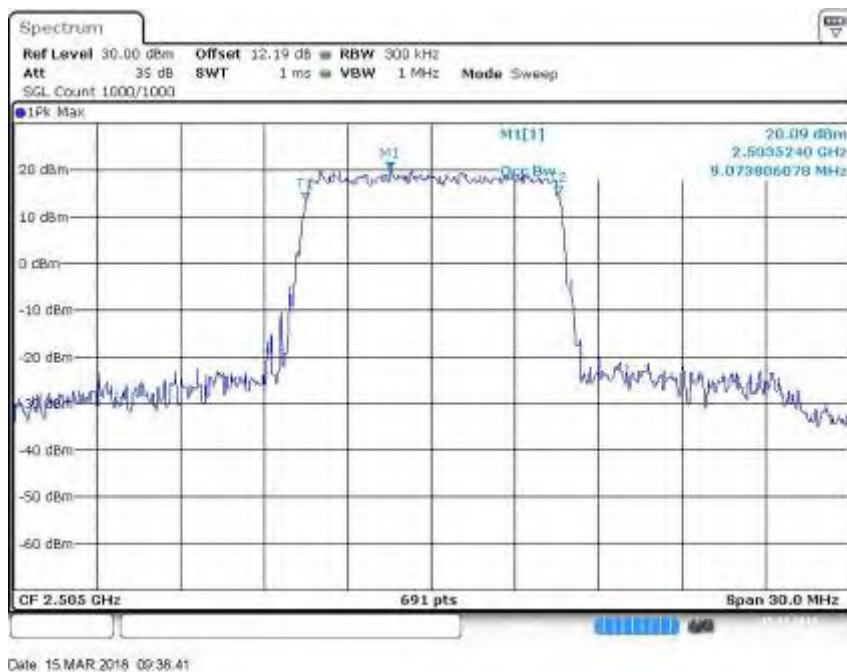


Fig.4

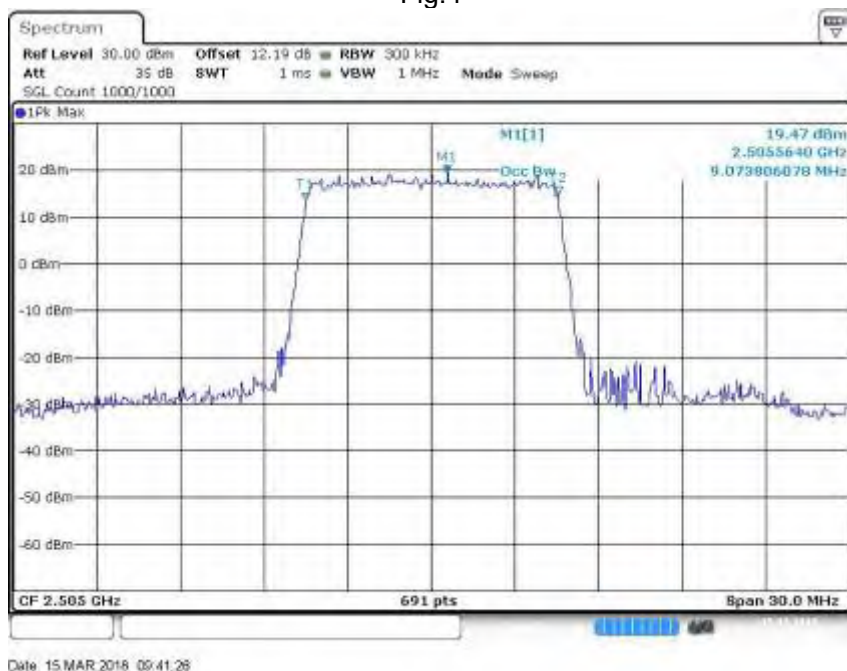


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
41	2593	40620	10	50	0	9.030	Fig.4	9.030	Fig.8

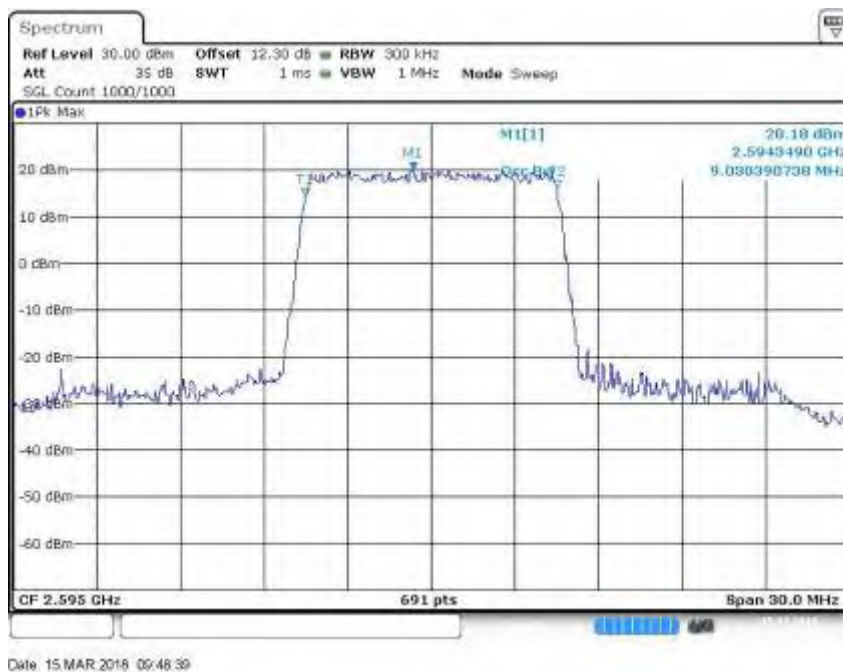


Fig.4

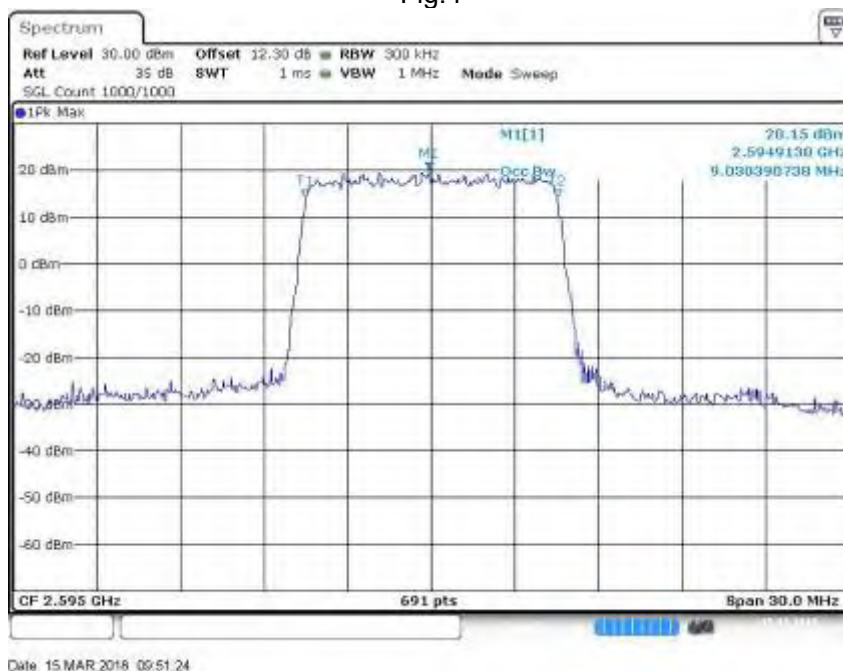


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
41	2685	41540	10	50	0	9.074	Fig.4	9.074	Fig.8

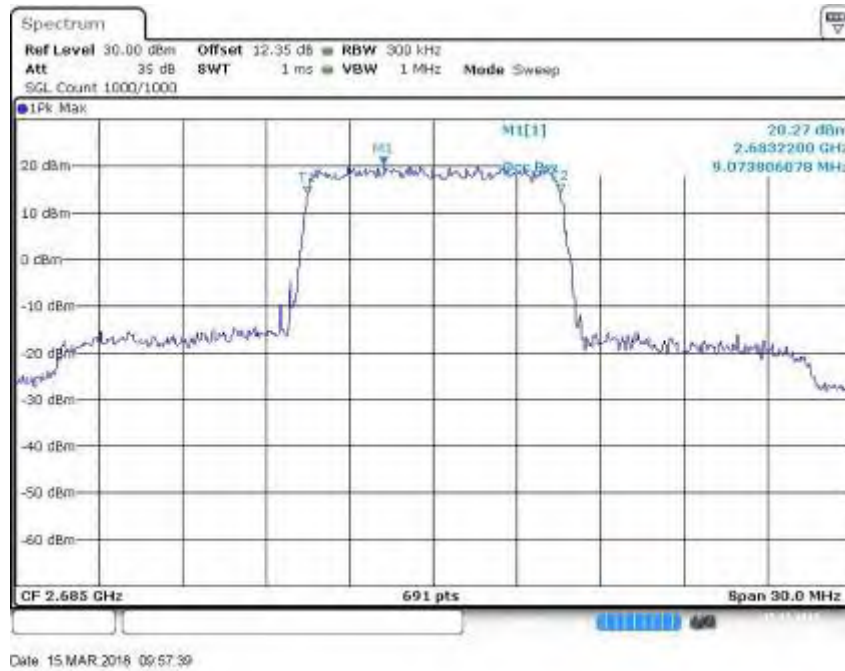


Fig.4

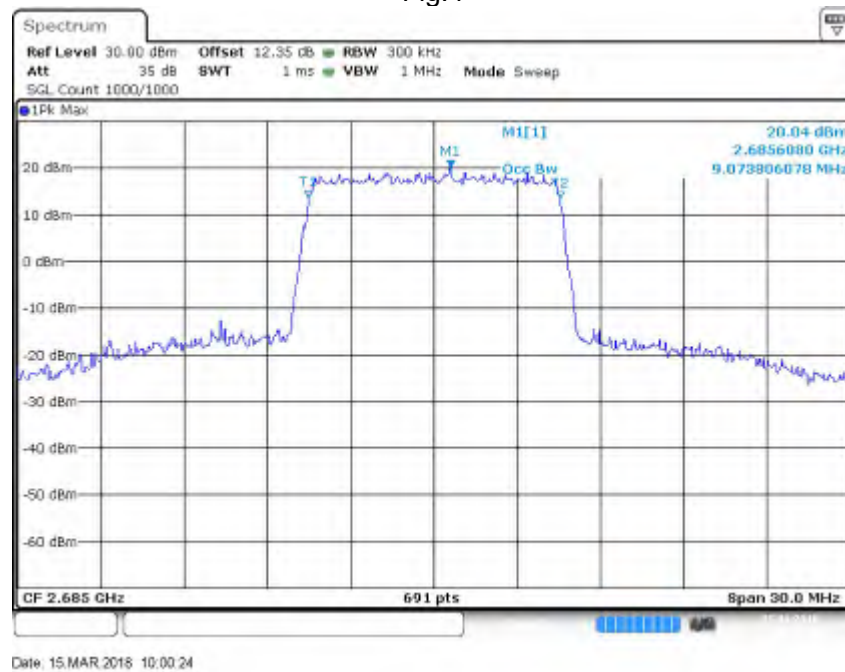


Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
41	2503.5	39725	15	75	0	13.480	Fig.4	13.480	Fig.8



Fig.4

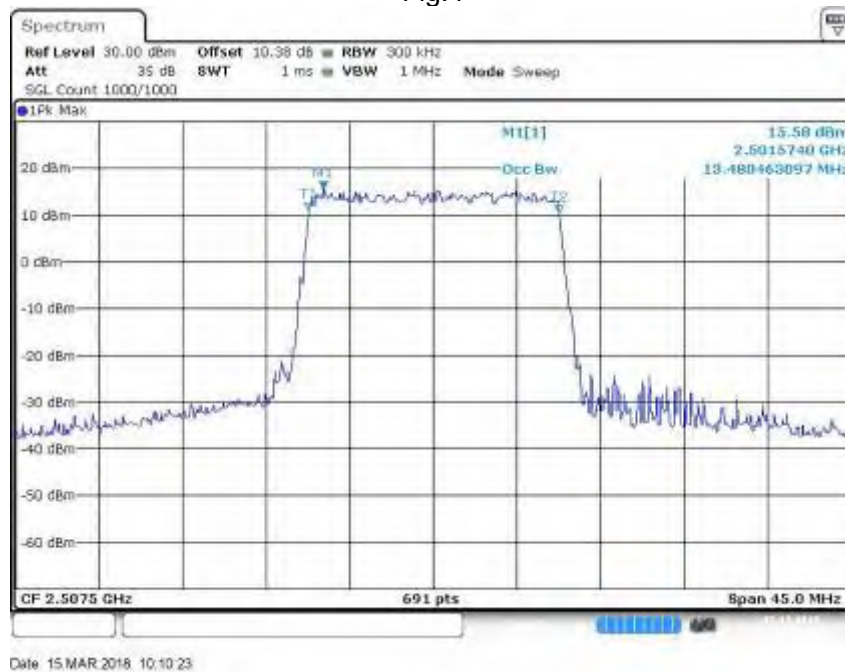


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
41	2593	40620	15	75	0	13.480	Fig.4	13.480	Fig.8

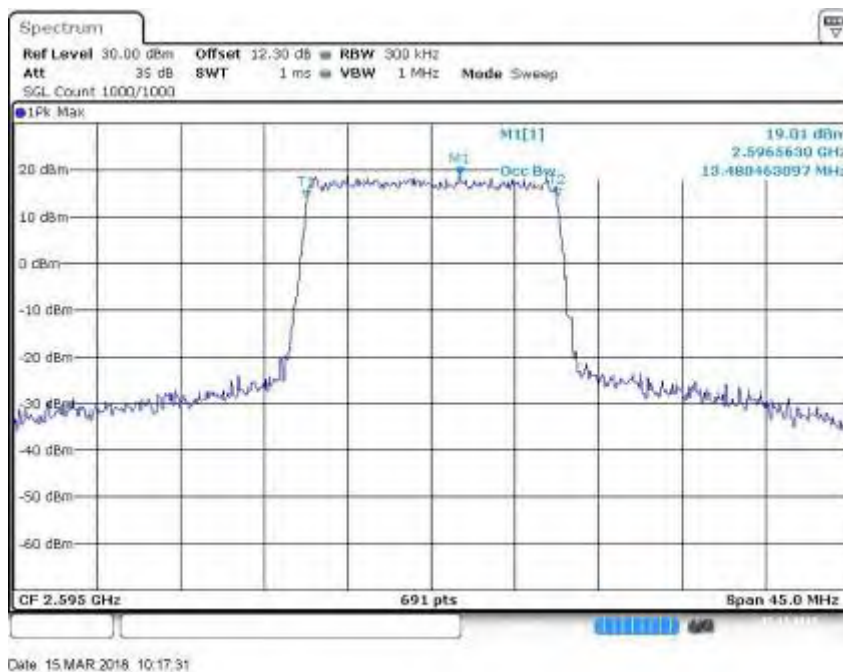


Fig.4

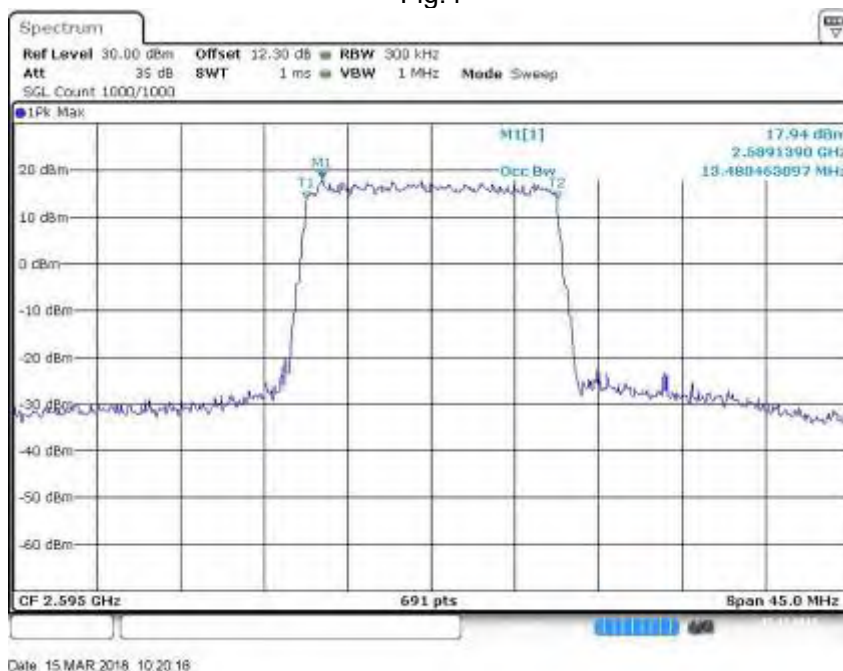


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
41	2682.5	41515	15	75	0	13.480	Fig.4	13.480	Fig.8

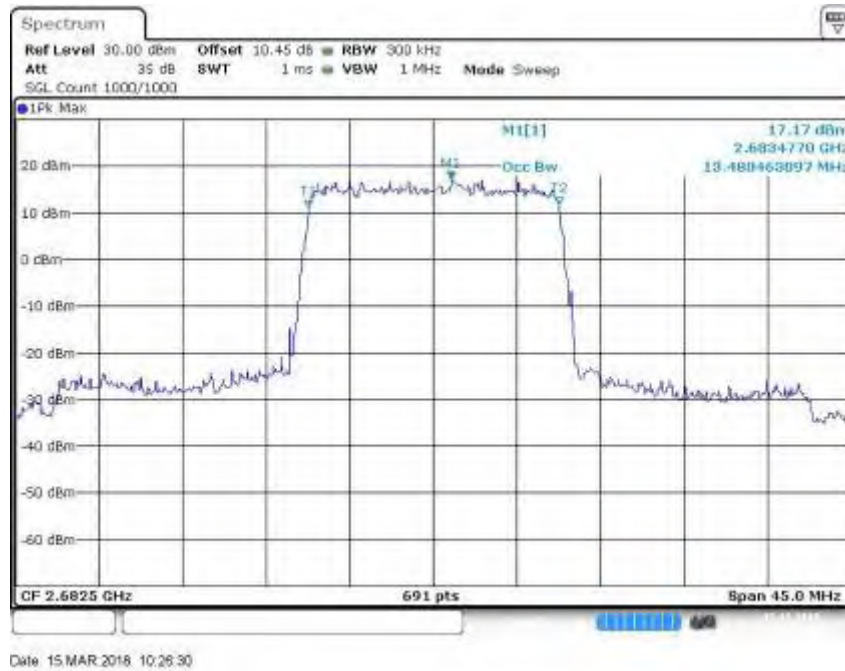


Fig.4

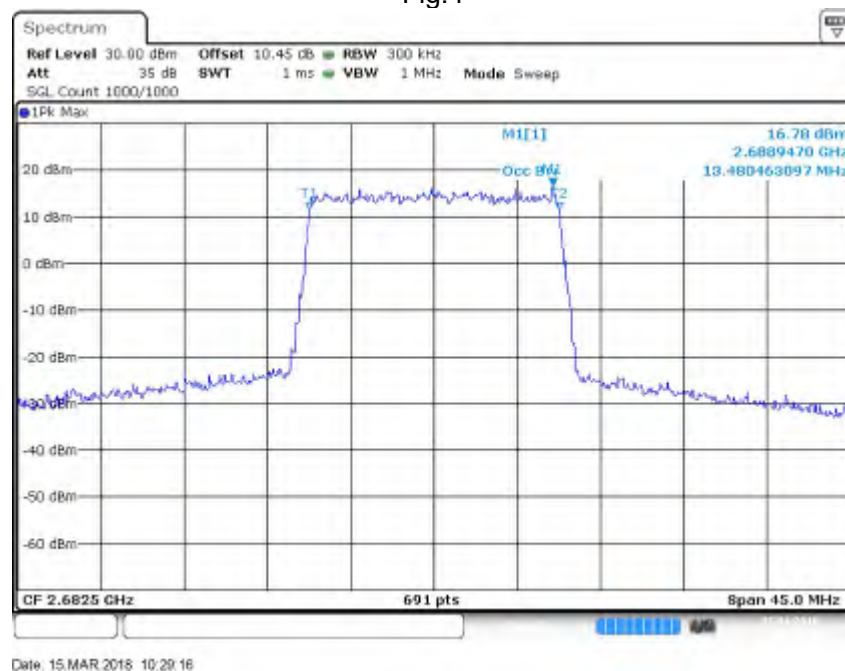


Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
41	2506	39750	20	100	0	17.887	Fig.4	17.887	Fig.8

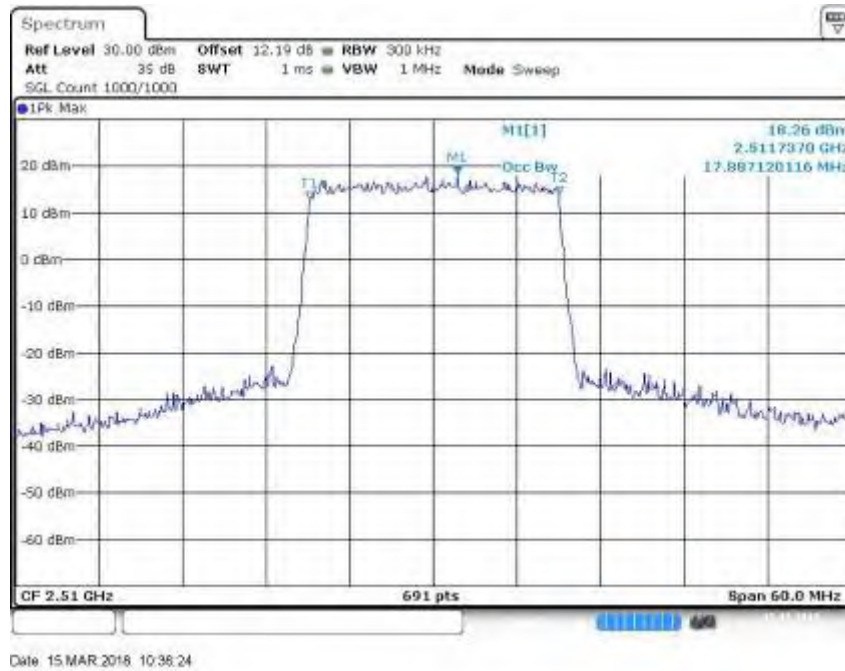


Fig.4

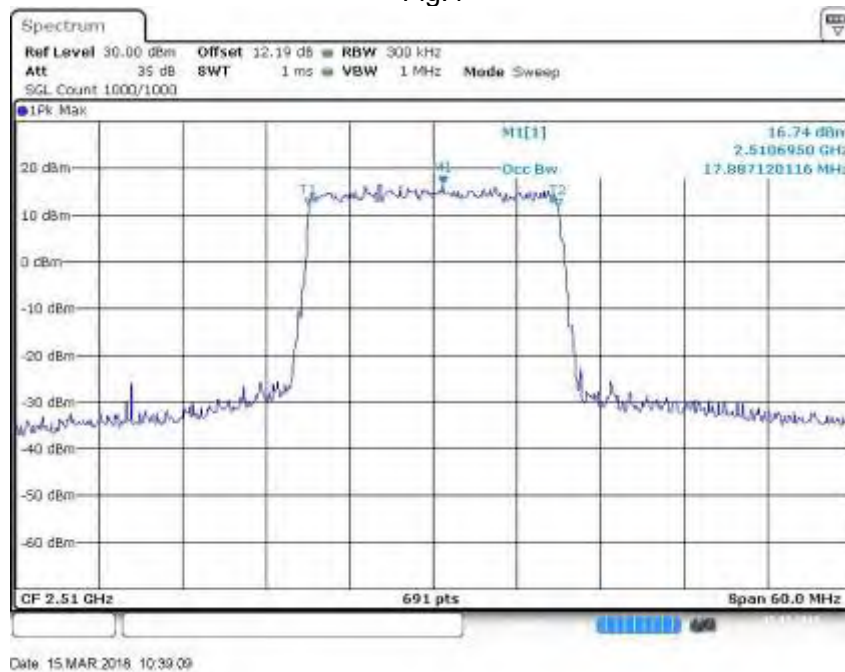


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
41	2593	40620	20	100	0	17.887	Fig.4	17.887	Fig.8

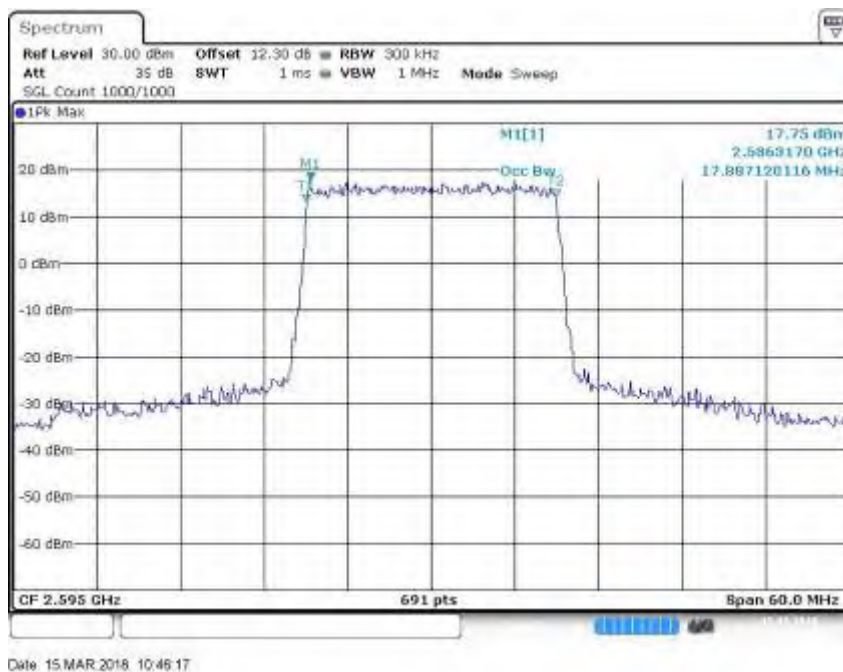


Fig.4

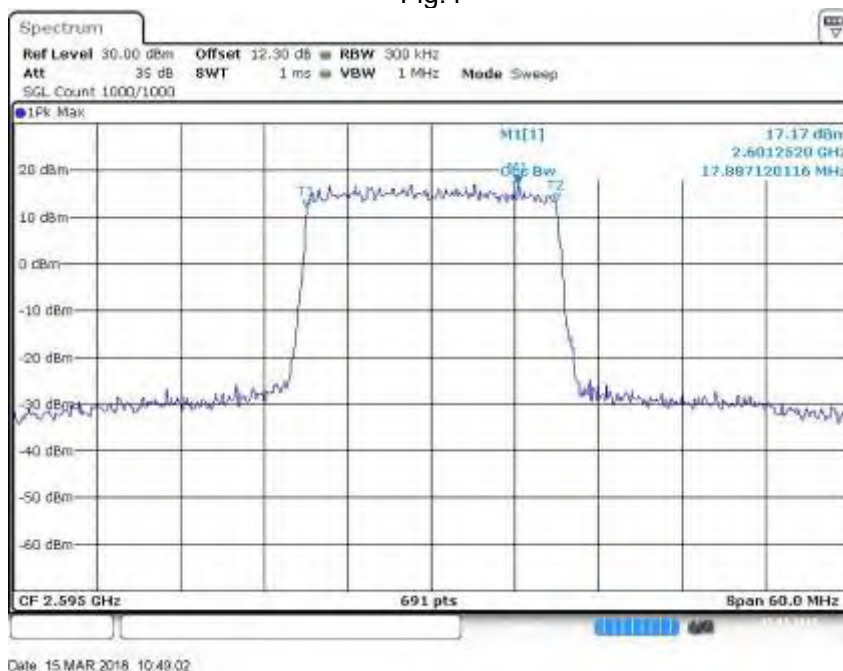


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
41	2680	41490	20	100	0	17.974	Fig.4	17.887	Fig.8

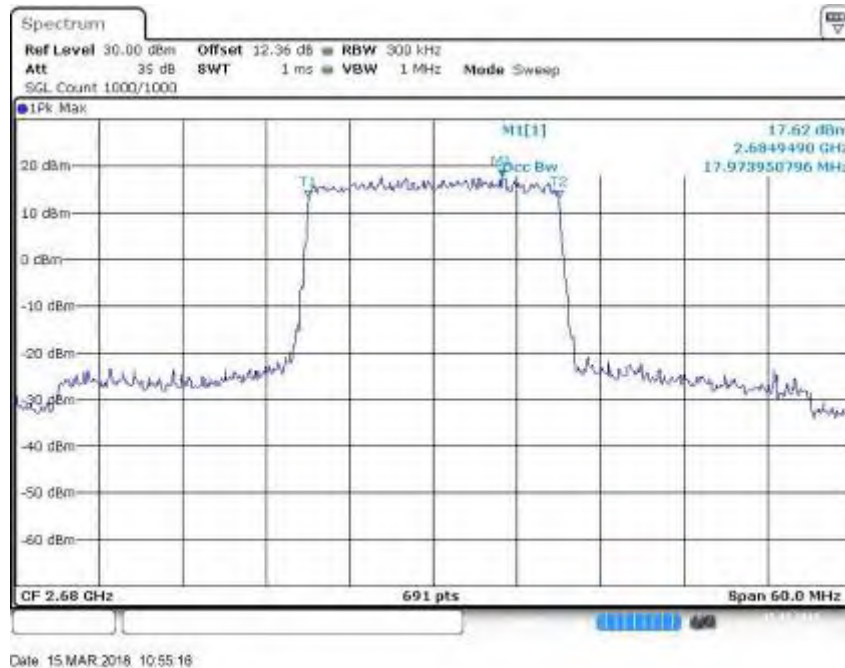


Fig.4

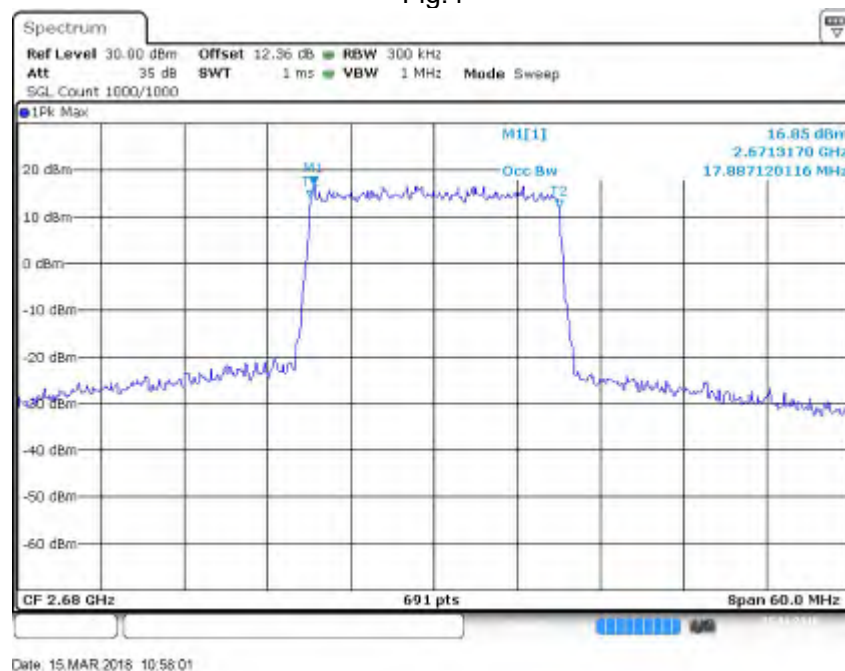


Fig.8

3 Emission Bandwidth

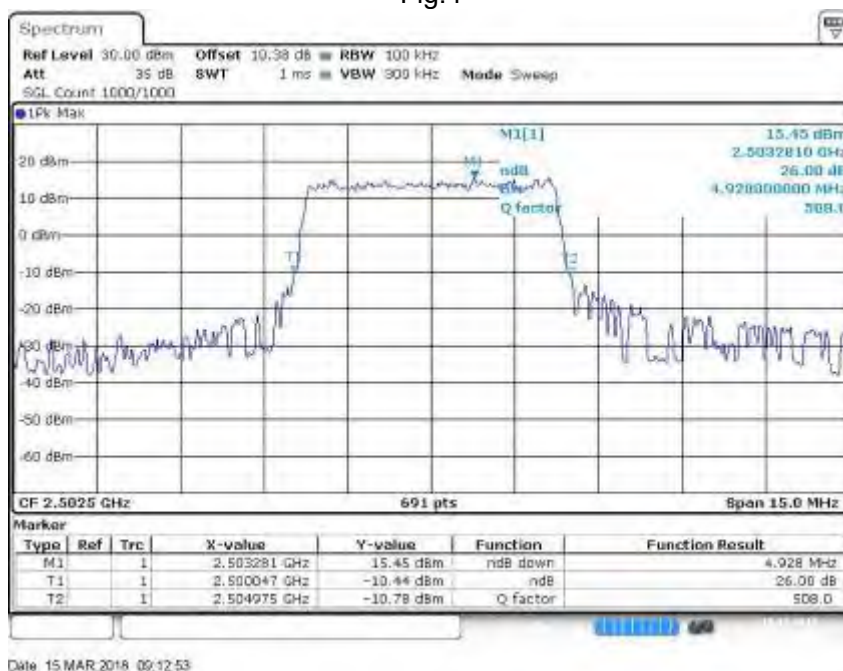
Test result

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
41	2498.5	39675	5	25	0	4.680	Fig.4	4.928	Fig.8



Date: 15.MAR.2018 09:10:07

Fig.4



Date: 15.MAR.2018 09:12:53

Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
41	2593	40620	5	25	0	4.928	Fig.4	4.949	Fig.8

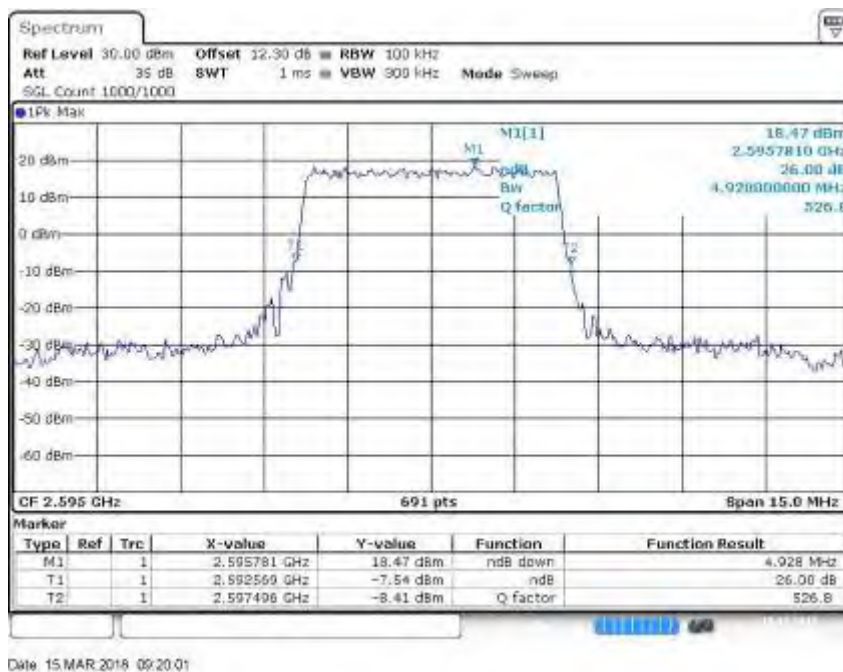


Fig.4

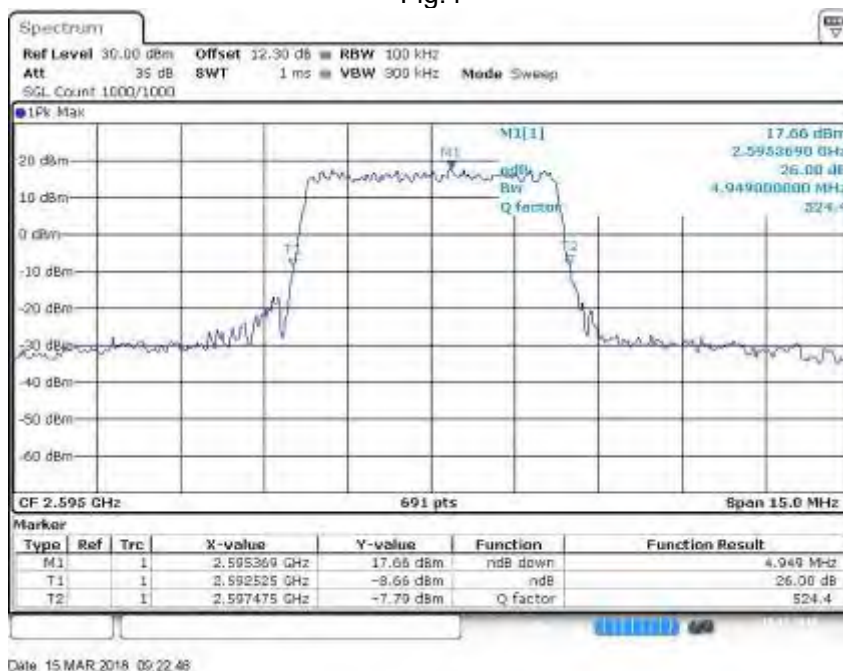


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
41	2687.5	41565	5	25	0	4.928	Fig.4	4.680	Fig.8

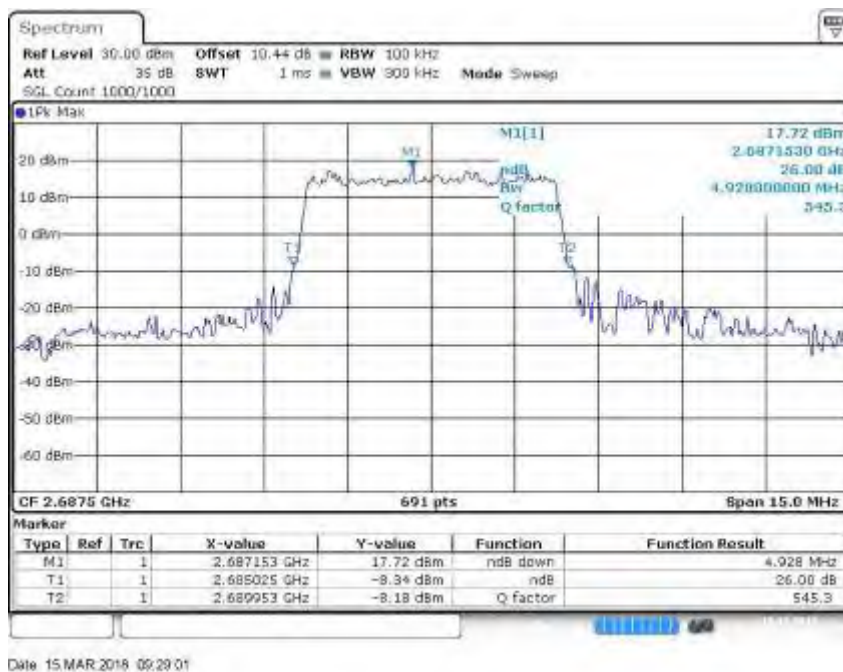


Fig.4



Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
41	2501	39700	10	50	0	9.942	Fig.4	9.942	Fig.8

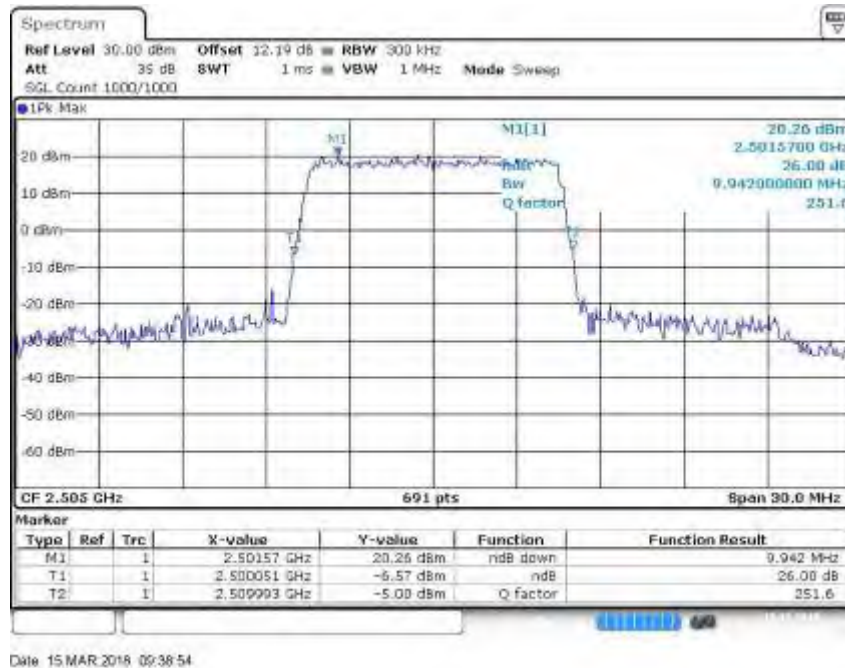


Fig.4

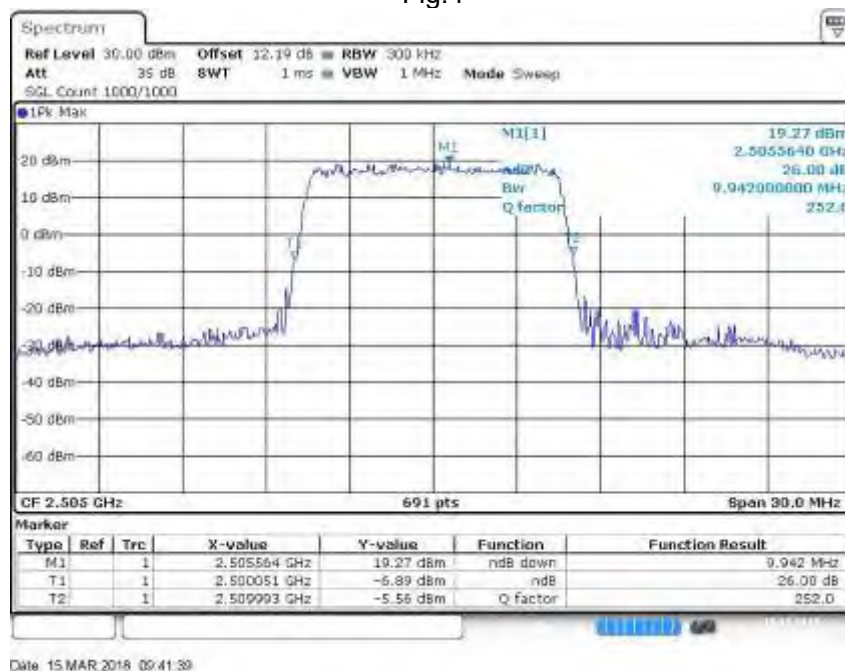


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
41	2593	40620	10	50	0	9.986	Fig.4	9.942	Fig.8

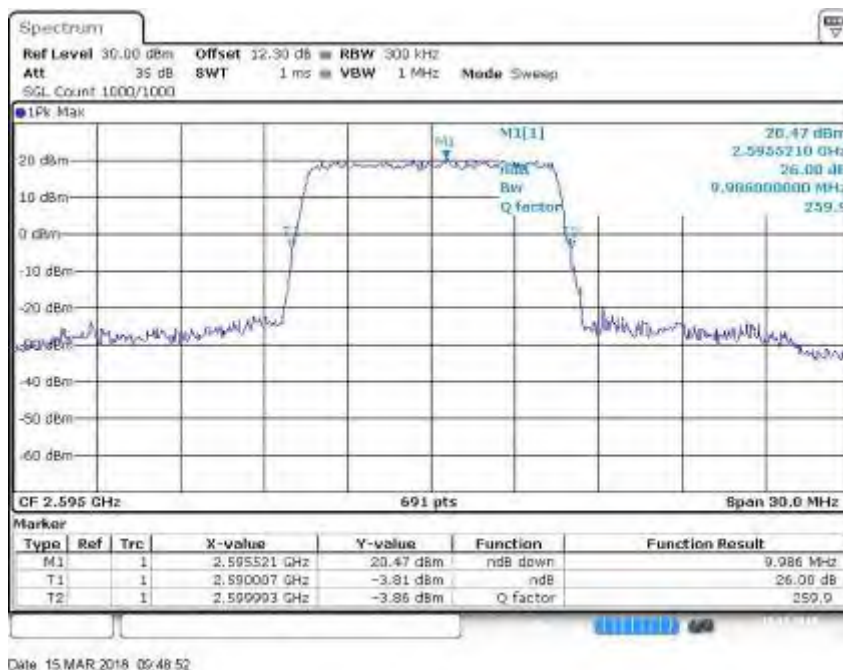


Fig.4

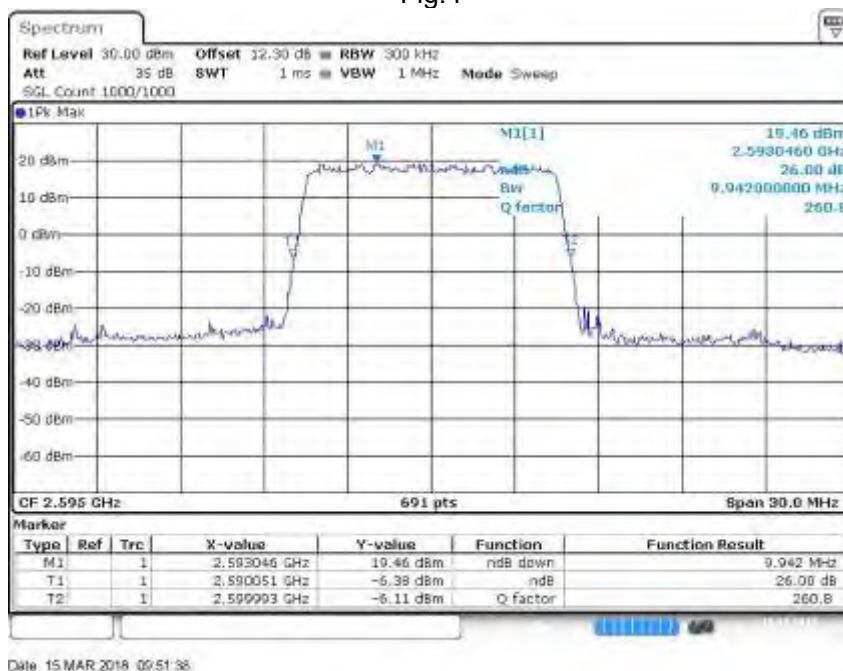


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
41	2685	41540	10	50	0	9.855	Fig.4	9.986	Fig.8

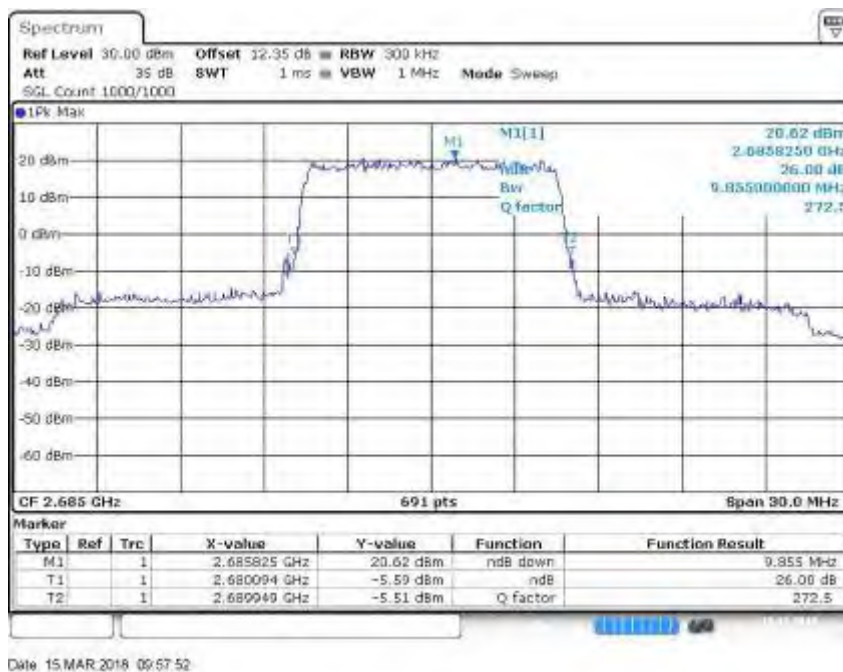


Fig.4

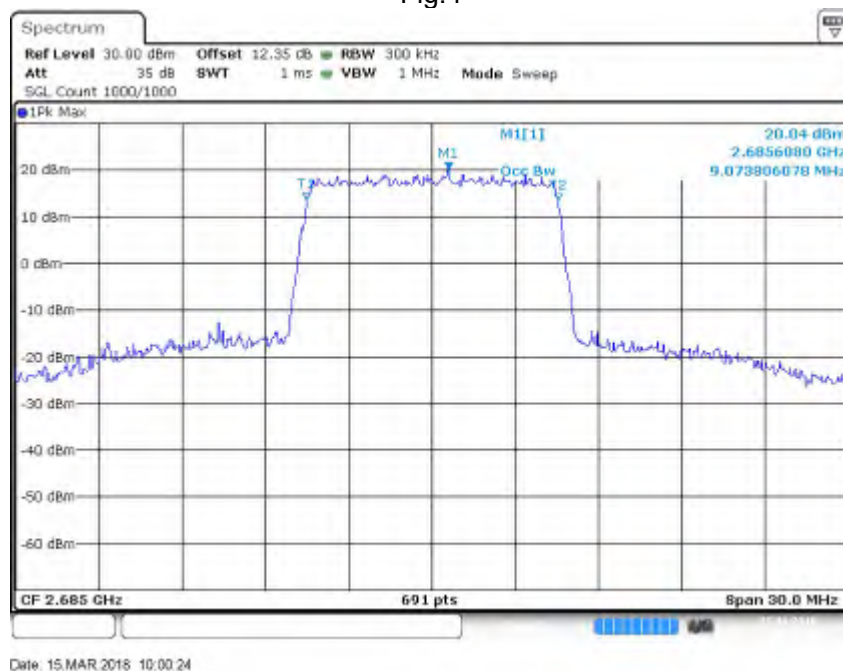


Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
41	2503.5	39725	15	75	0	14.588	Fig.4	14.588	Fig.8

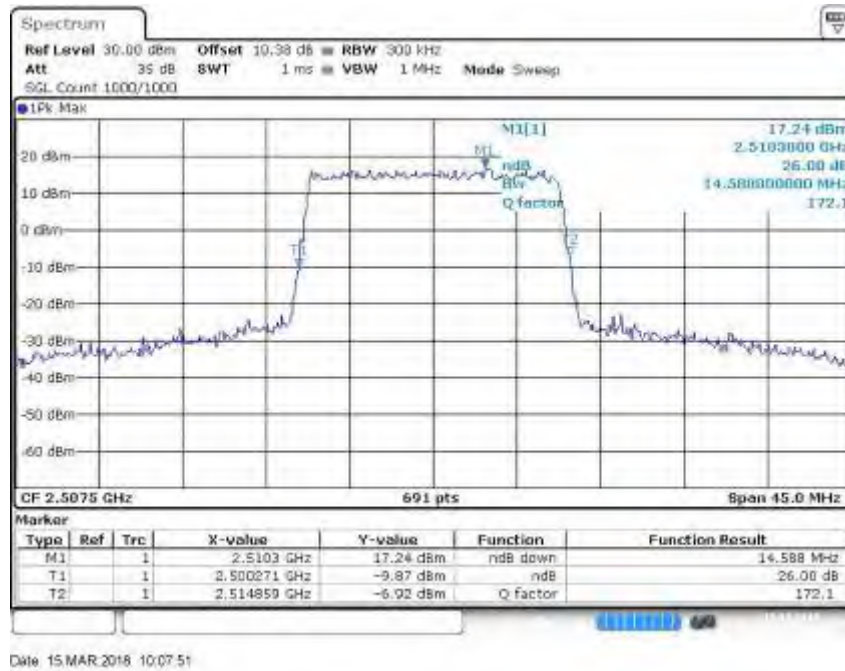


Fig.4

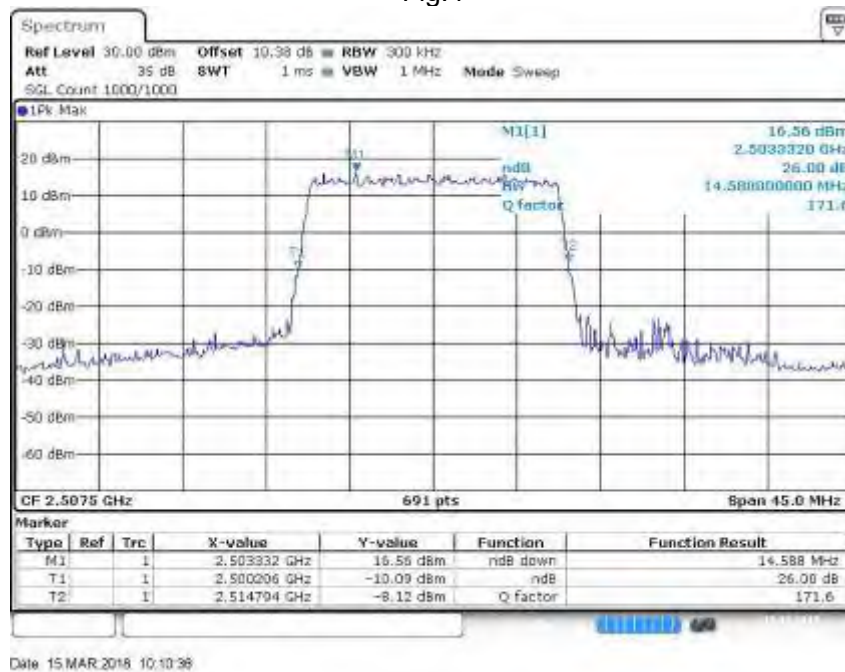


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
41	2593	40620	15	75	0	14.588	Fig.4	14.653	Fig.8

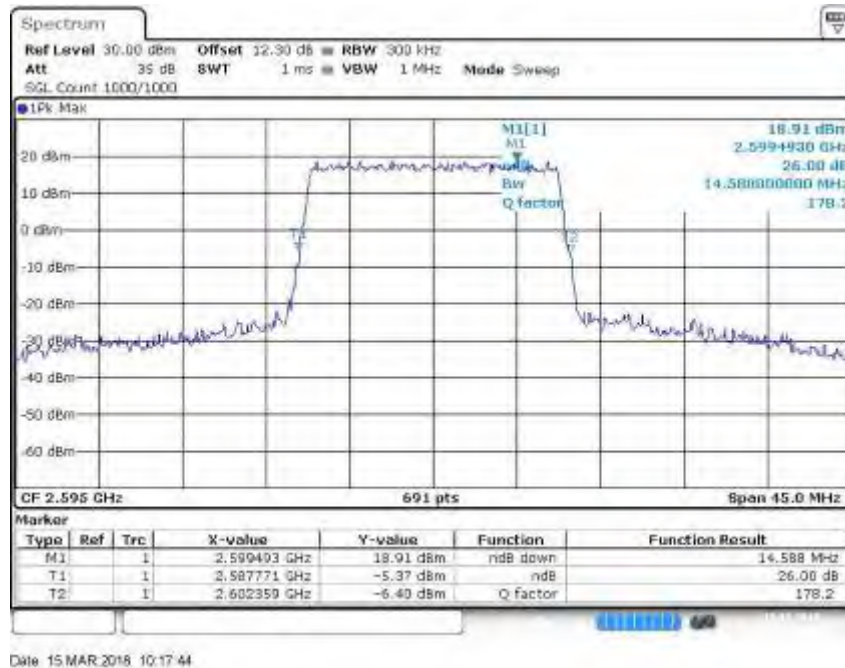


Fig.4

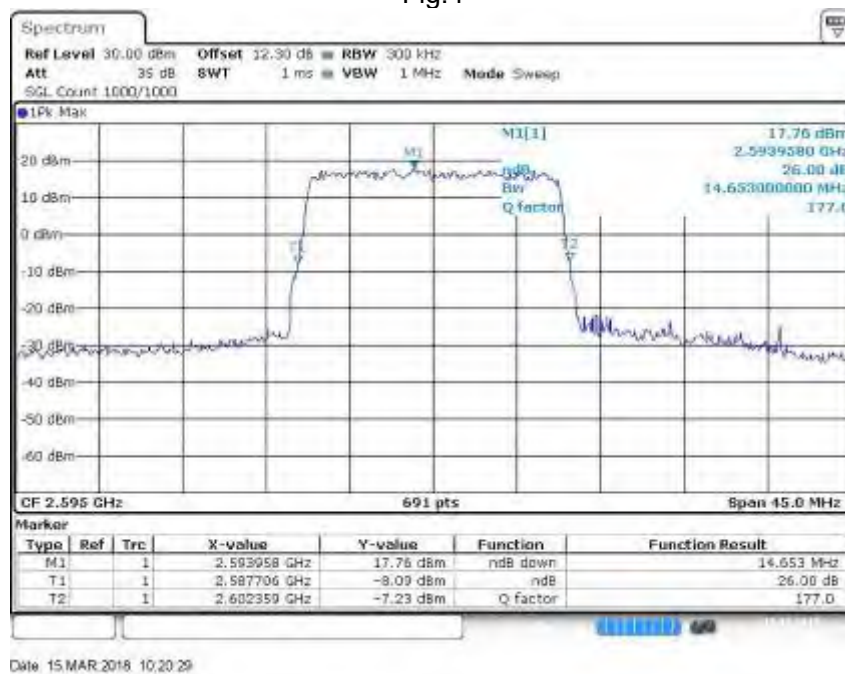


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
41	2682.5	41515	15	75	0	14.653	Fig.4	14.522	Fig.8

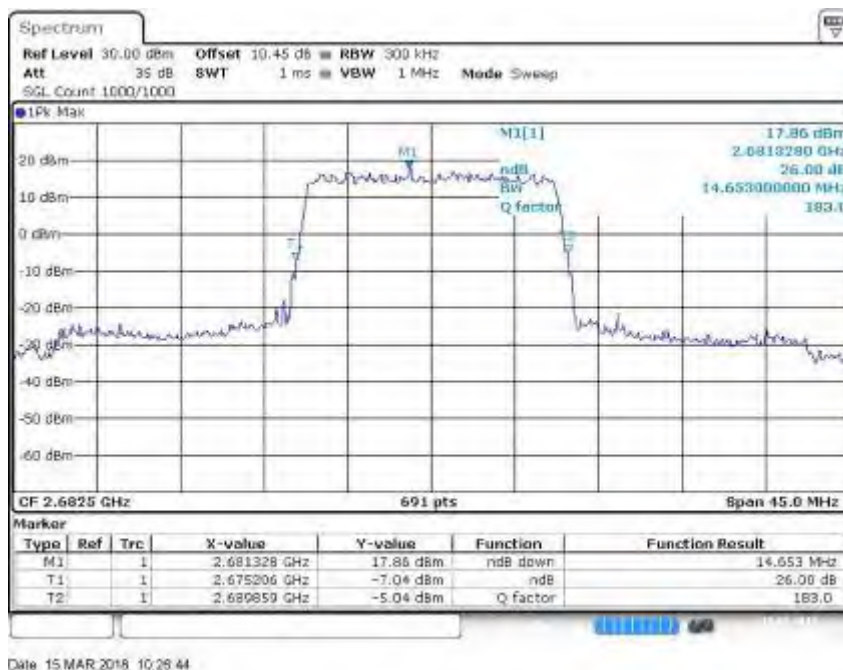


Fig.4

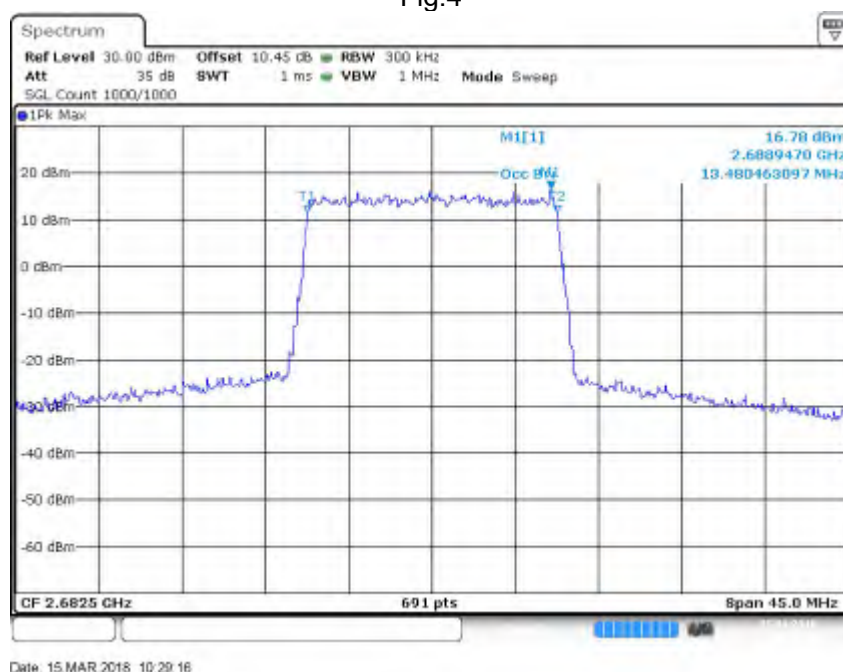


Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
41	2506	39750	20	100	0	19.103	Fig.4	19.276	Fig.8

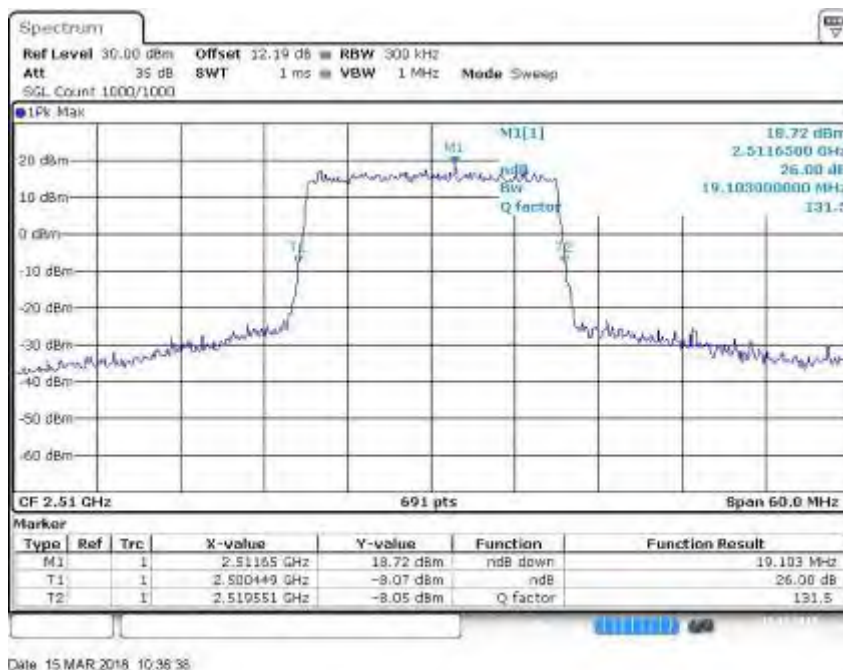


Fig.4

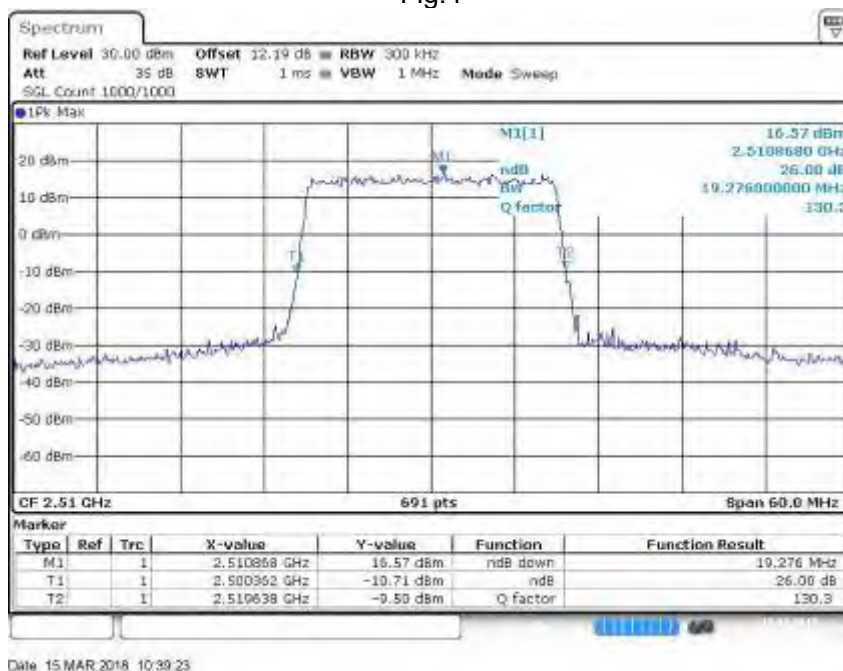


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
41	2593	40620	20	100	0	19.363	Fig.4	19.190	Fig.8

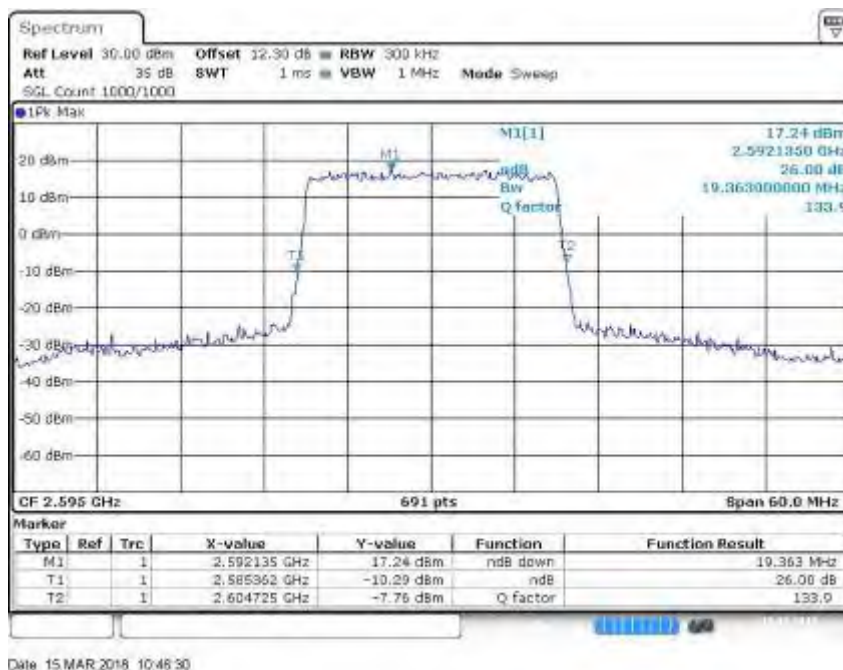


Fig.4

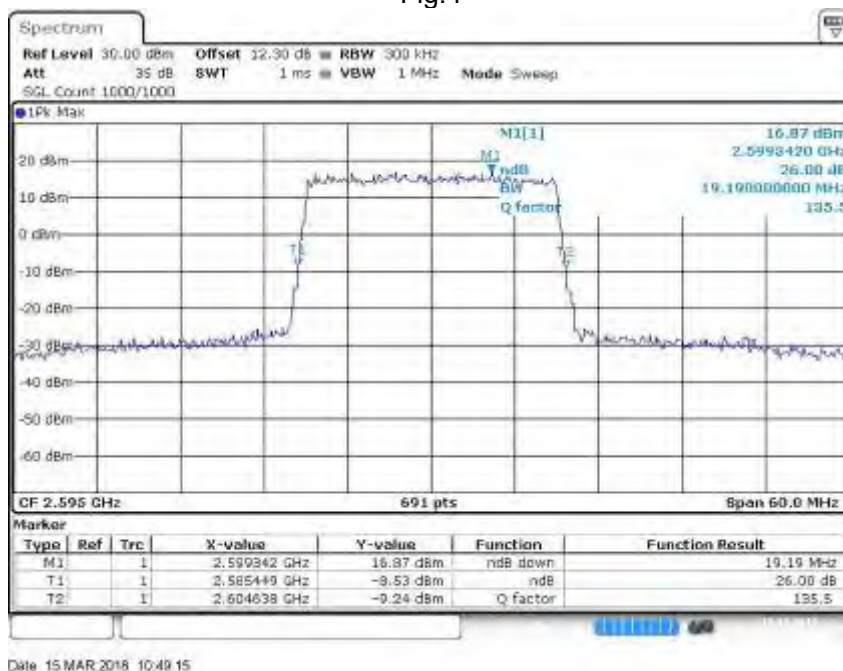


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
41	2680	41490	20	100	0	19.190	Fig.4	19.016	Fig.8

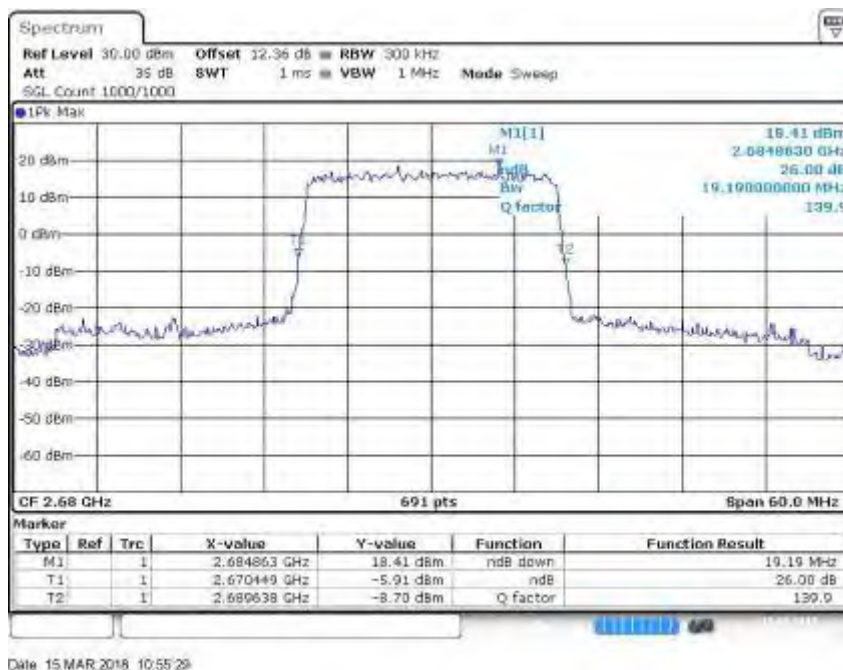


Fig.4

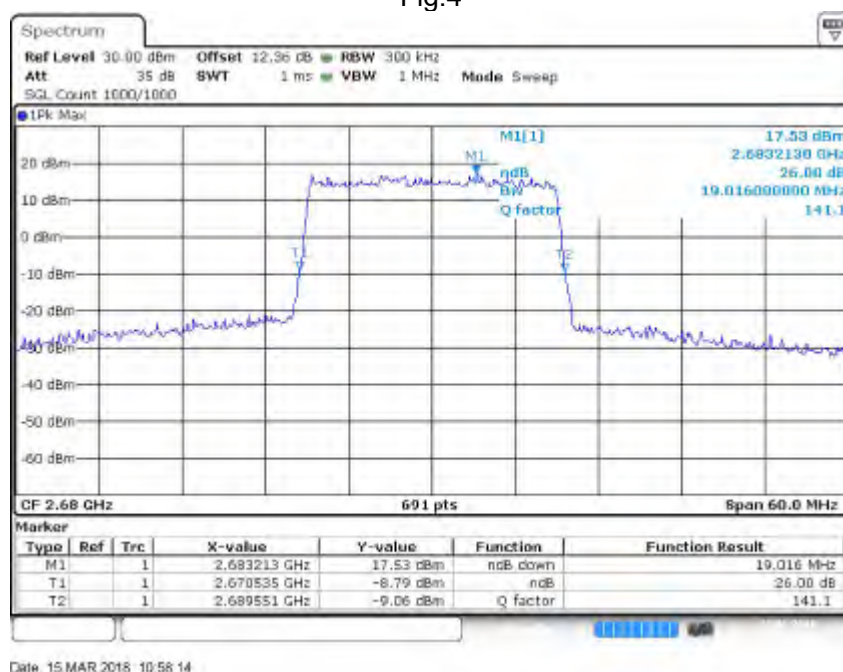
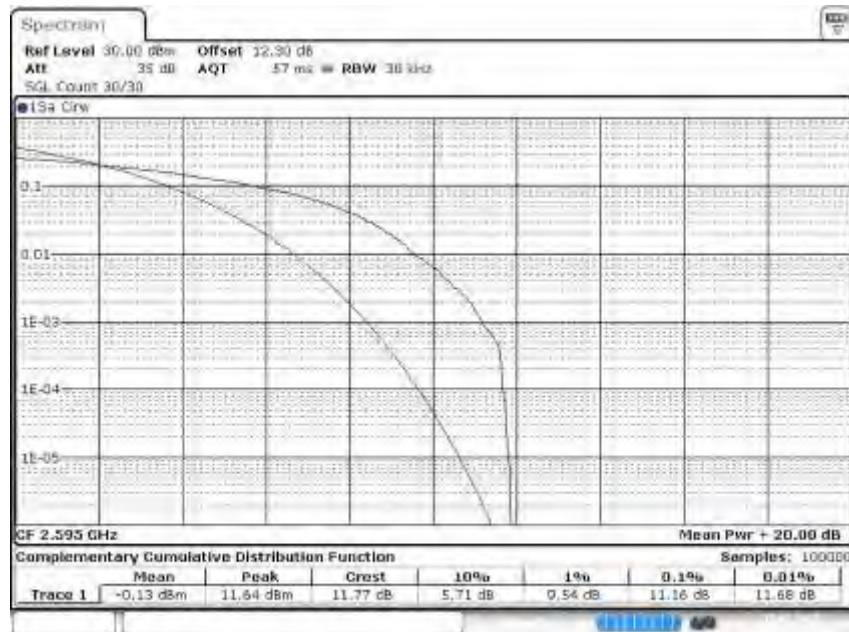


Fig.8

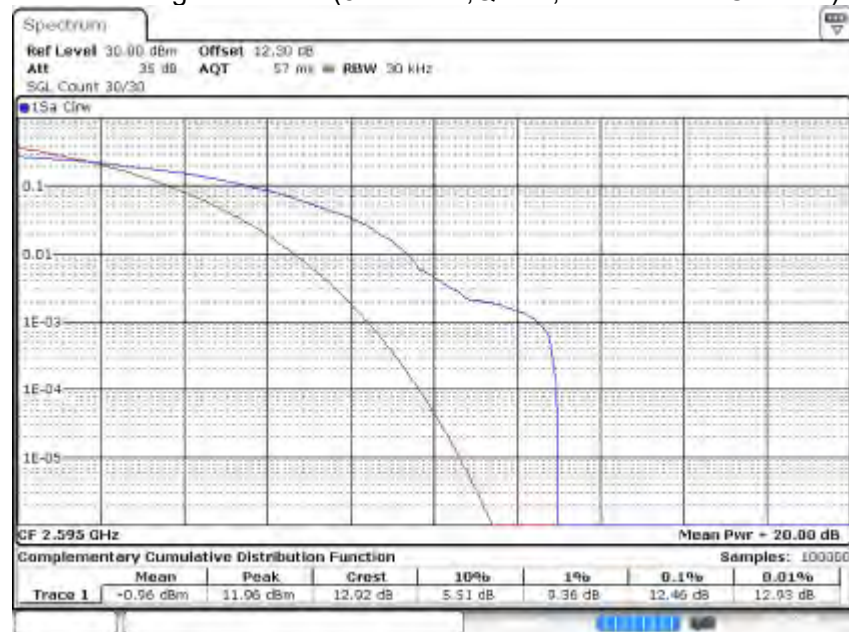
4 Peak-Average Ratio

Test result:



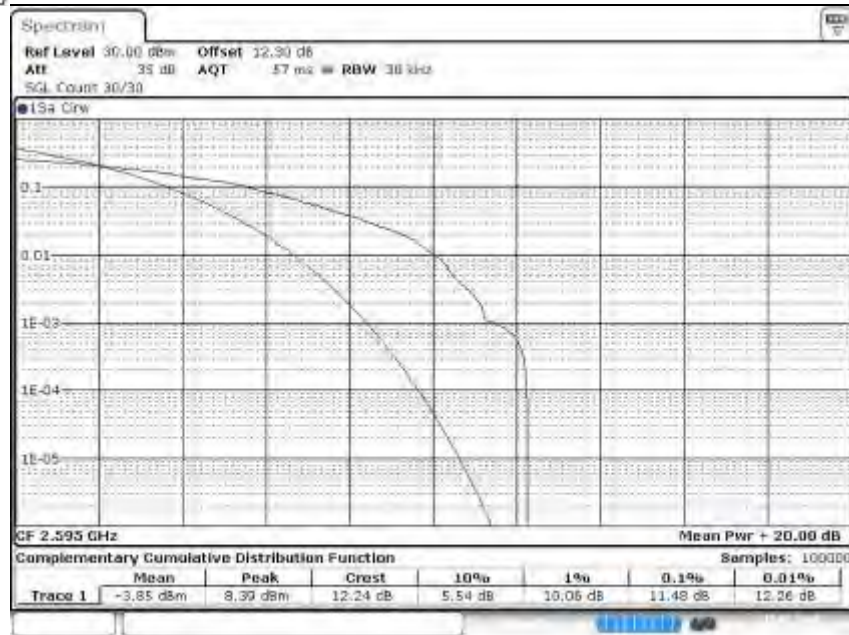
Date: 15 MAR 2018 09:23:01

Peak-Average Ratio Plot(5MHz BW,QPSK,Band 41-mid Channel)



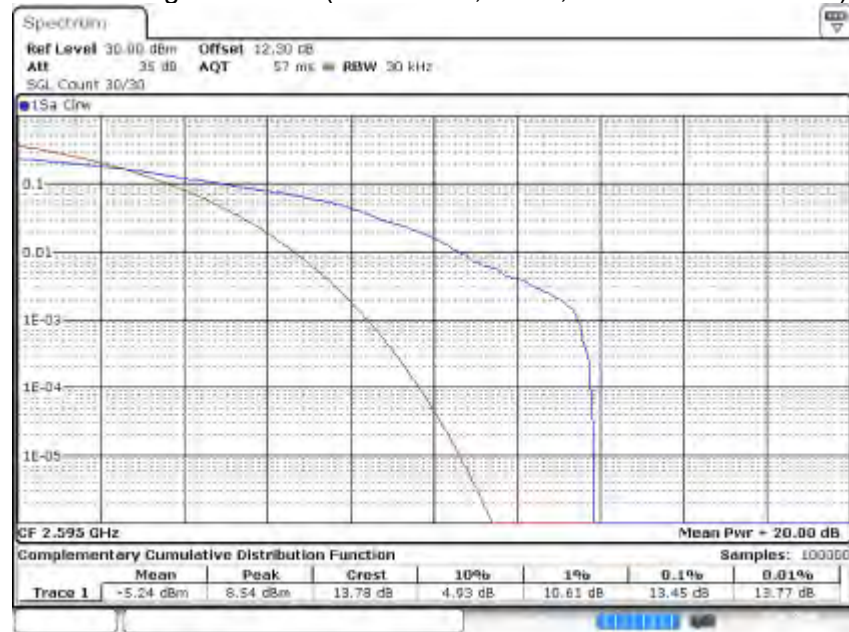
Date: 15 MAR 2018 09:23:12

Peak-Average Ratio Plot(5MHz BW,16QAM,Band 41-mid Channel)



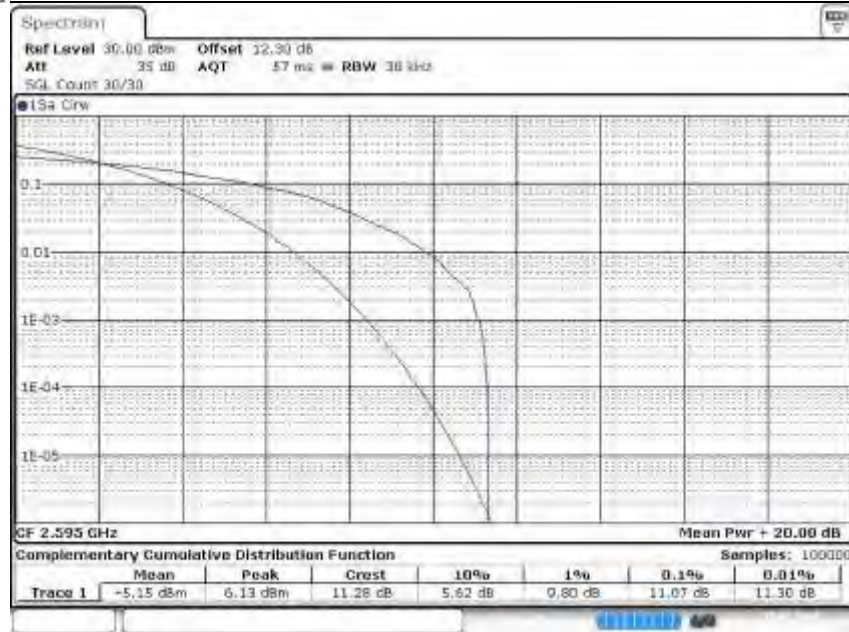
Date: 15 MAR 2018 09:51:52

Peak-Average Ratio Plot(10MHz BW,QPSK,Band 41-mid Channel)



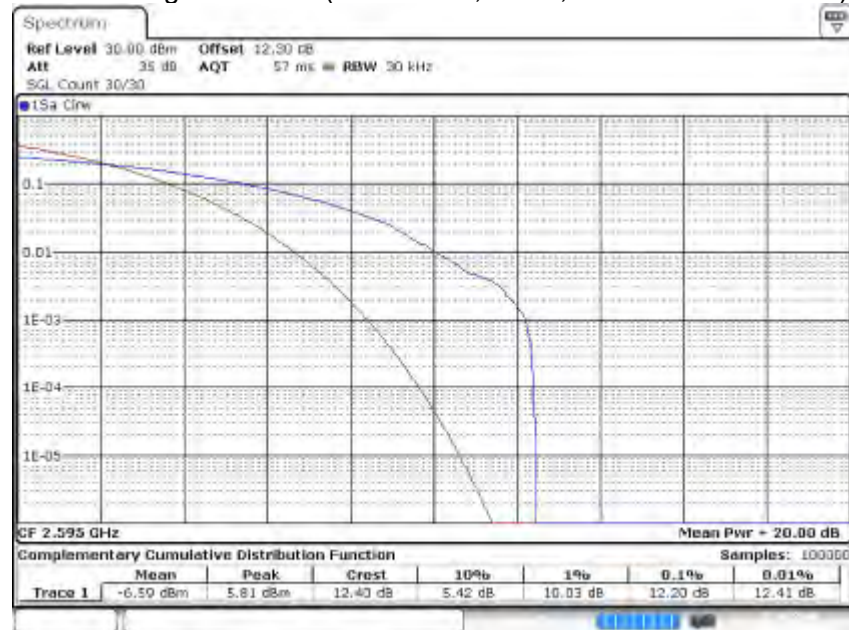
Date: 15 MAR 2018 09:52:03

Peak-Average Ratio Plot(10MHz BW,16QAM,Band 41-mid Channel)



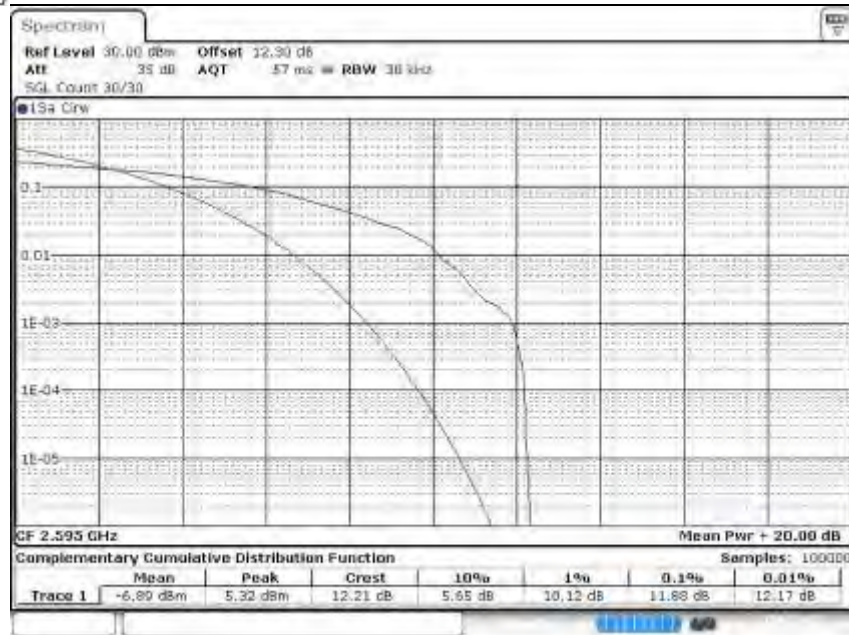
Date: 15 MAR 2018 10:20:44

Peak-Average Ratio Plot(15MHz BW,QPSK,Band 41-mid Channel)

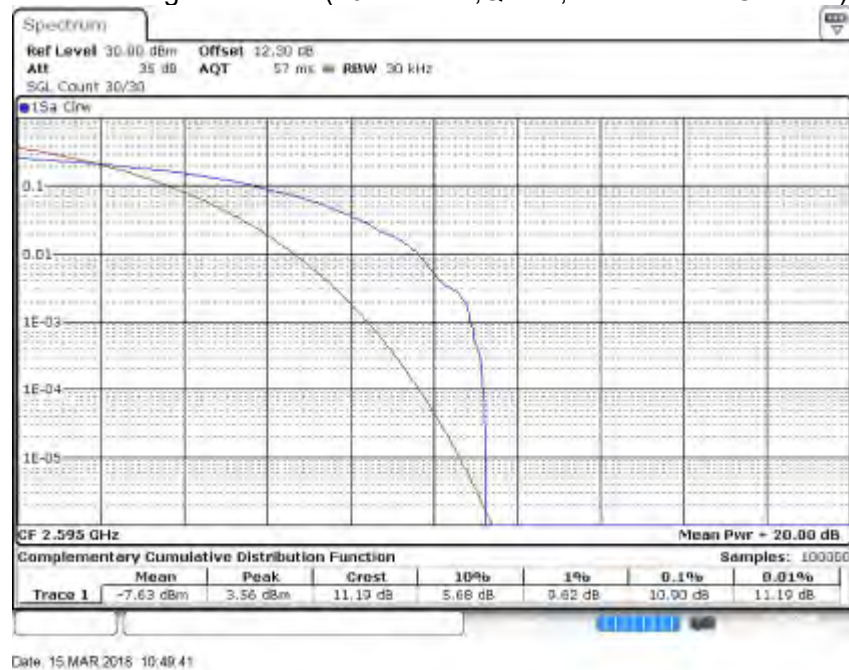


Date: 15 MAR 2018 10:20:55

Peak-Average Ratio Plot(15MHz BW,16QAM,Band 41-mid Channel)



Peak-Average Ratio Plot(20MHz BW,QPSK,Band 41-mid Channel)



Peak-Average Ratio Plot(20MHz BW,16QAM,Band 41-mid Channel)

5 Spurious Emissions at antenna terminal

Test result

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
41	2506	39750	20	100	0	Fig.4	Fig.8

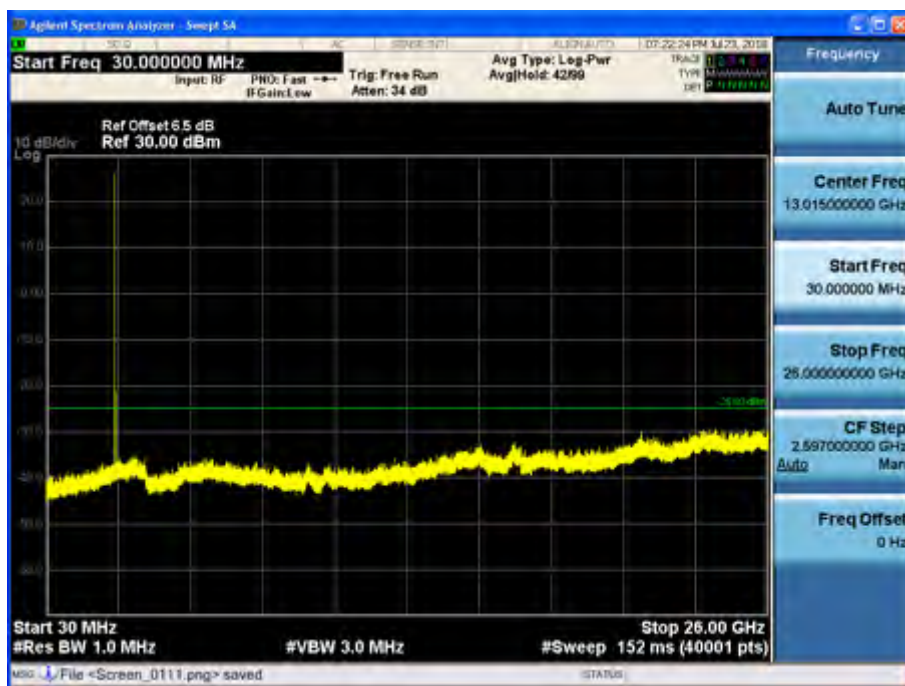


Fig.4



Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
41	2593	40620	20	100	0	Fig.4	Fig.8



Fig.4



Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
41	2680	41490	20	100	0	Fig.4	Fig.8



Fig.4



Fig.8

6 Band Edges Compliance

Test result

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
41	2498.5	39675	5	1	0	Fig.1
				25	0	Fig.4

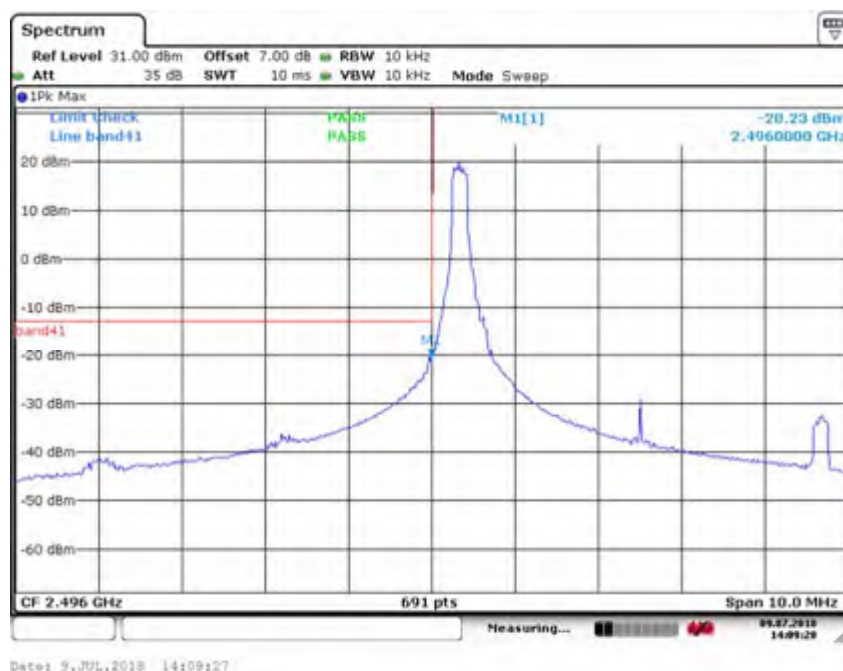


Fig.1

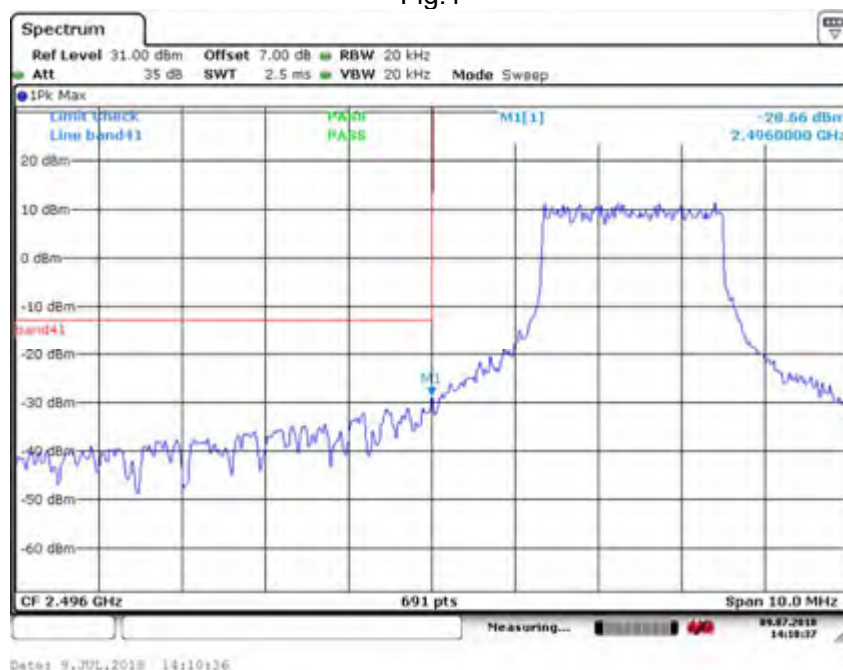


Fig.4

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
41	2687.5	41565	5	1	0	Fig.1
				25	0	Fig.4

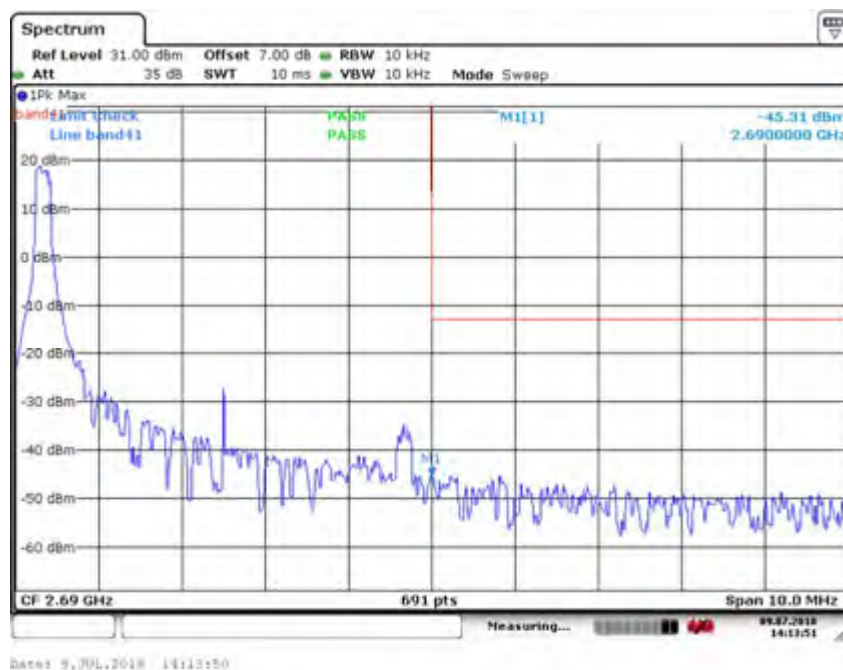


Fig.1

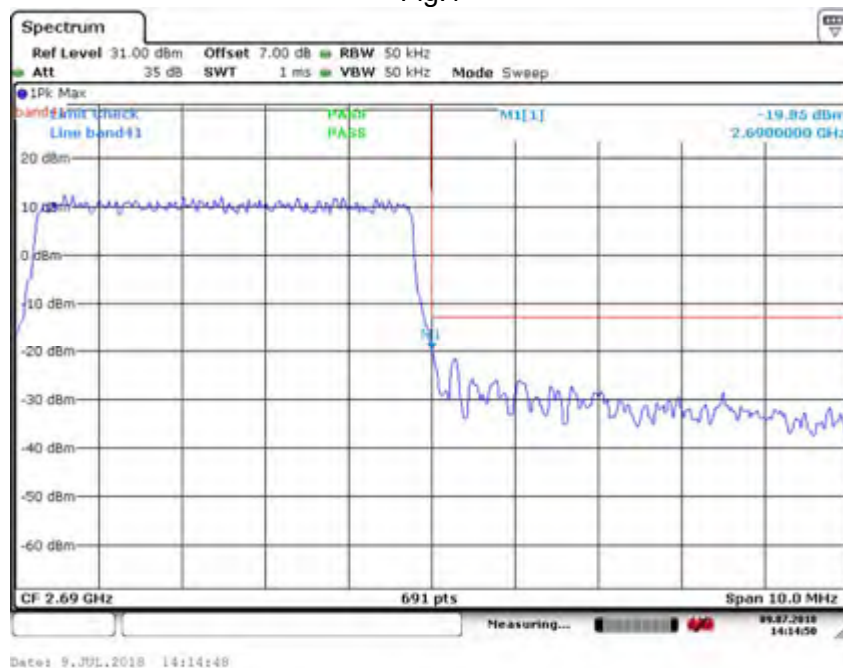


Fig.4

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
41	2501	39700	10	1	0	Fig.1
				50	0	Fig.4

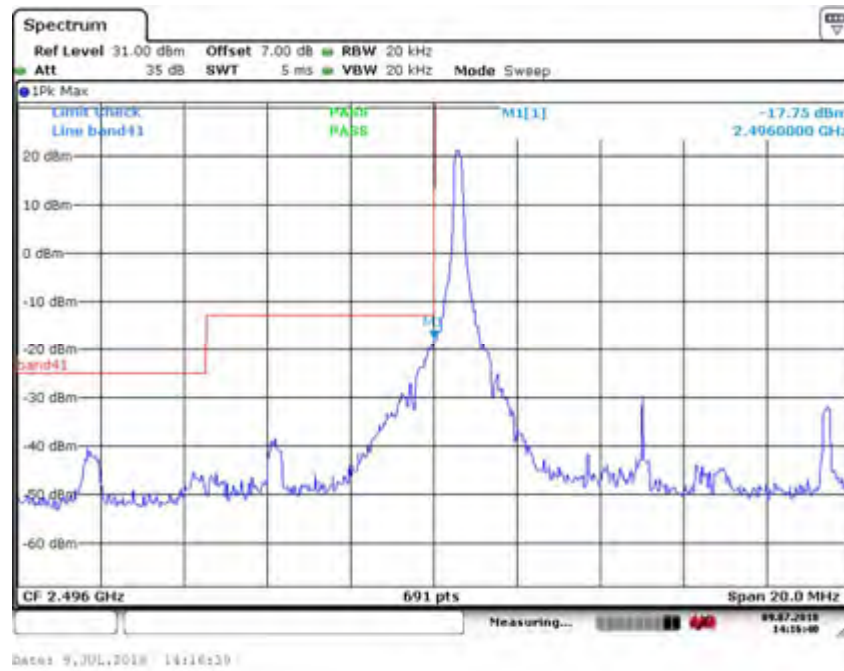


Fig.1

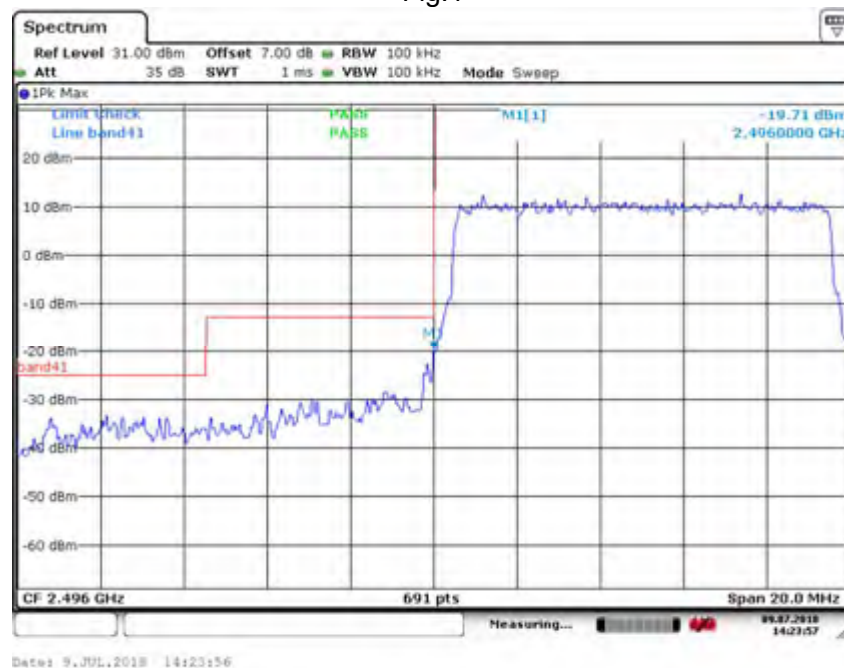


Fig.4

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
41	2685	41540	10	1	0	Fig.1
				50	0	Fig.4

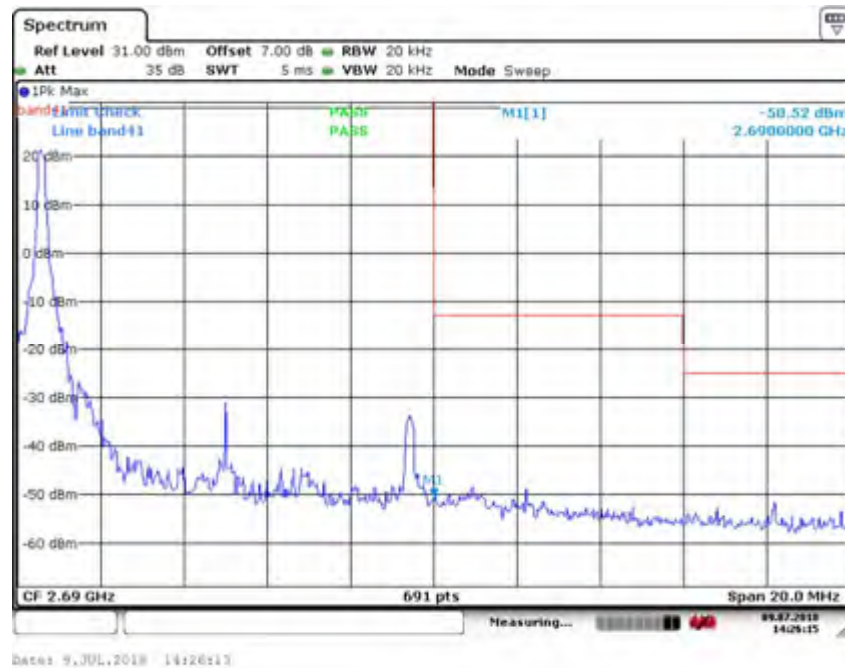


Fig.1

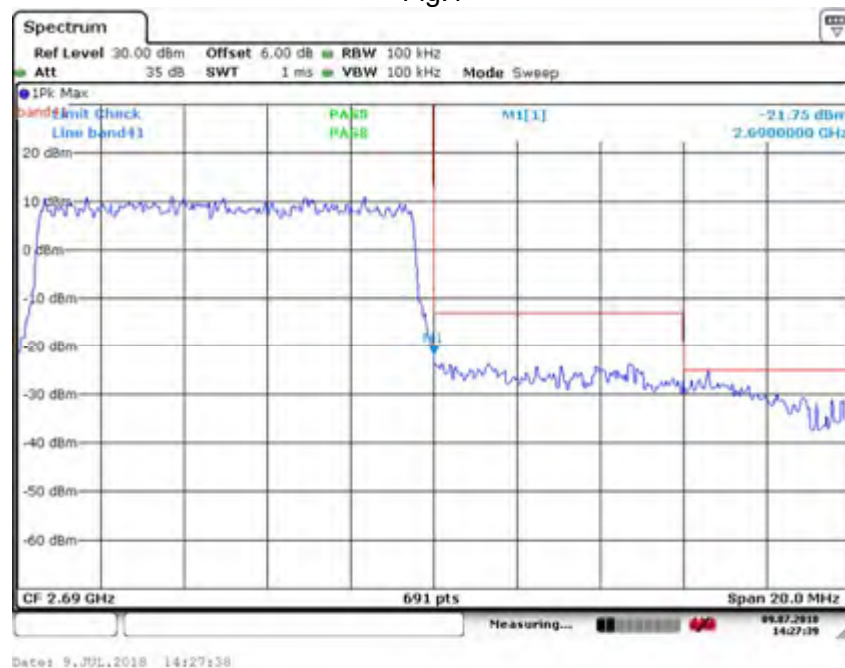


Fig.4

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
41	2503.5	39725	15	1	0	Fig.1
				75	0	Fig.4

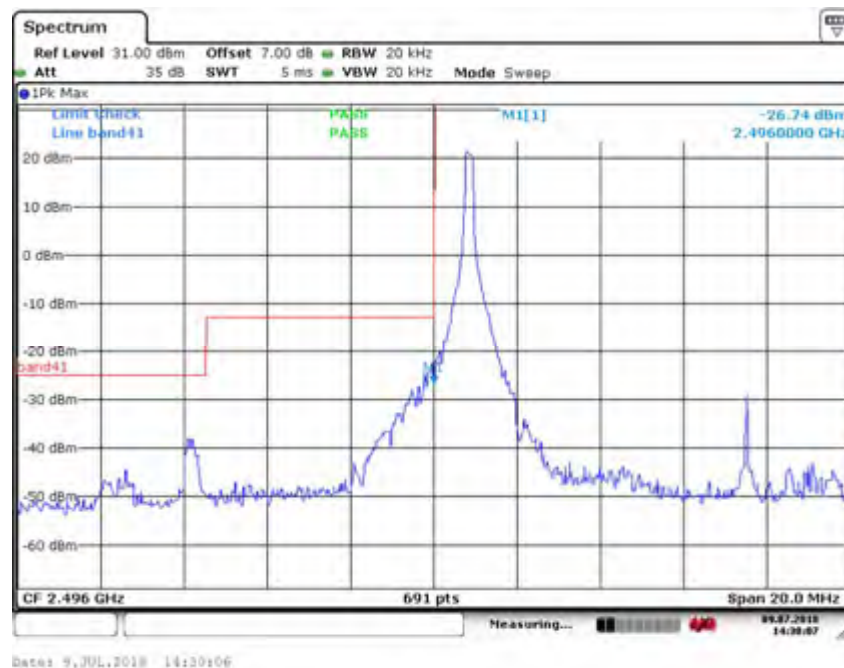


Fig.1

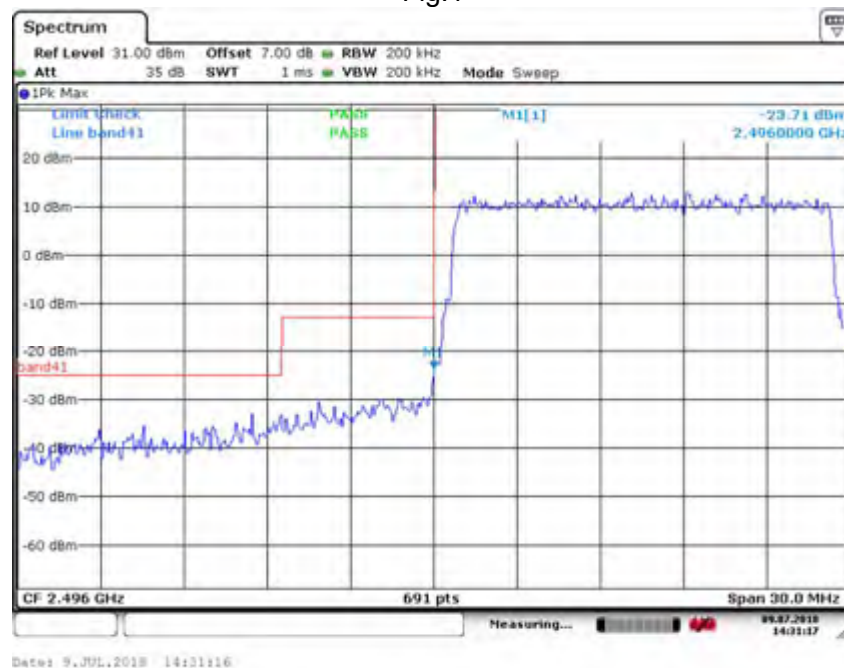


Fig.4

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
41	2682.5	41515	15	1	0	Fig.1
				75	0	Fig.4

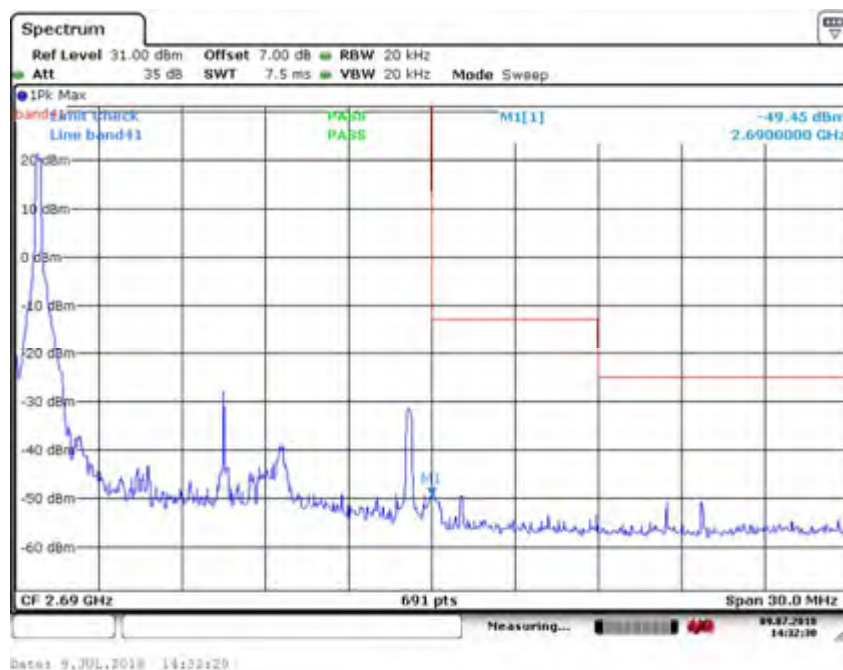


Fig.1

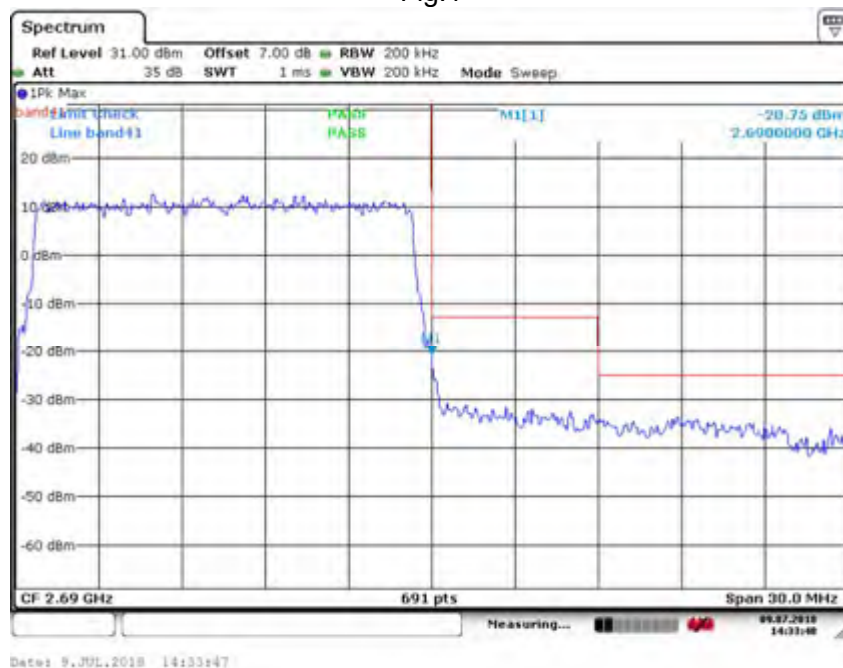


Fig.4

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
41	2506	39750	20	1	0	Fig.1
				100	0	Fig.4

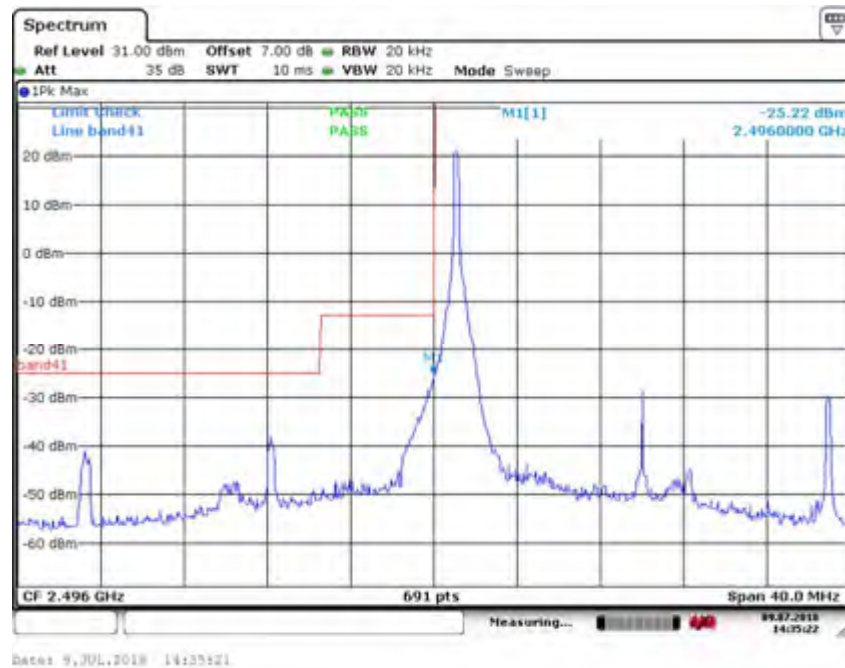


Fig.1

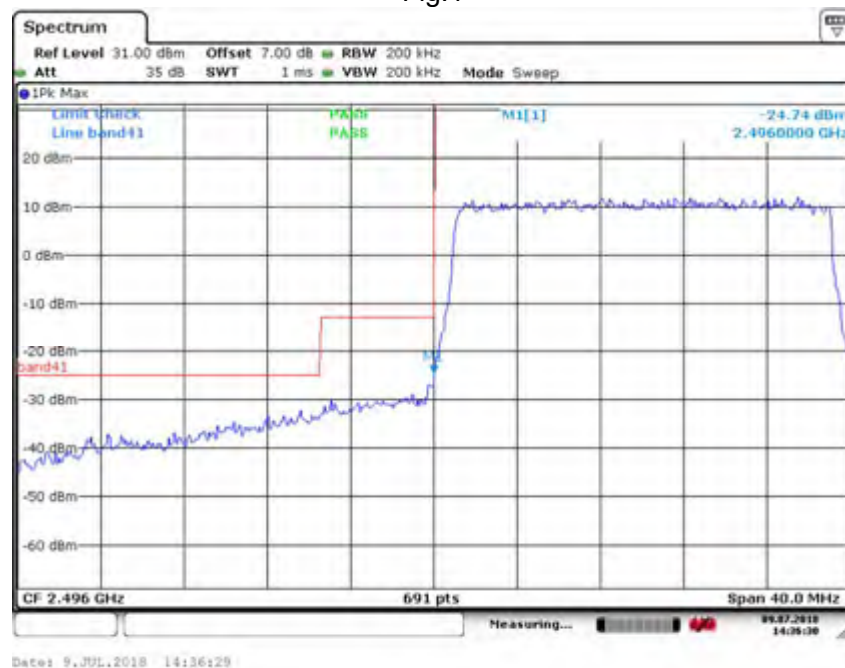


Fig.4

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
41	2680	41490	20	1	0	Fig.1
				100	0	Fig.4

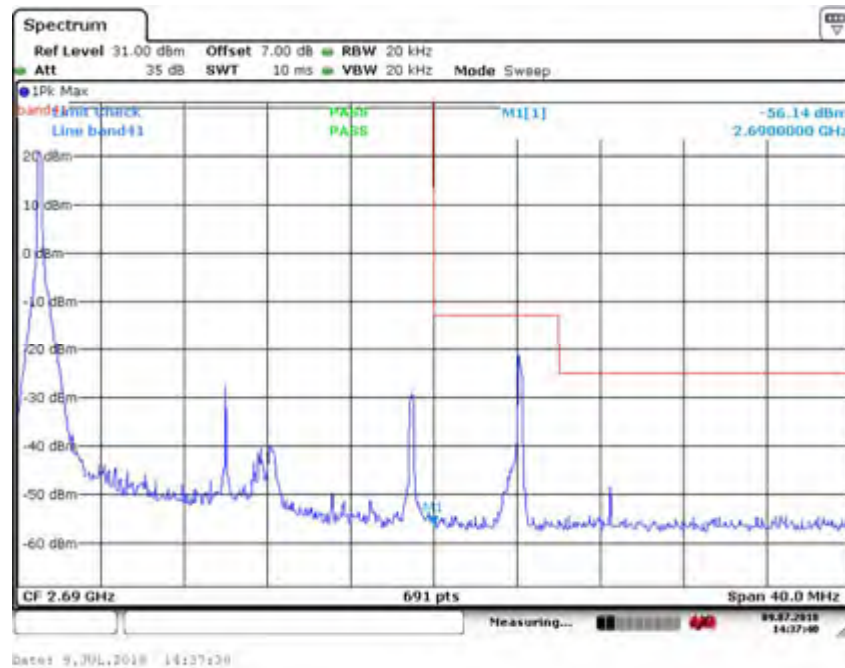


Fig.1

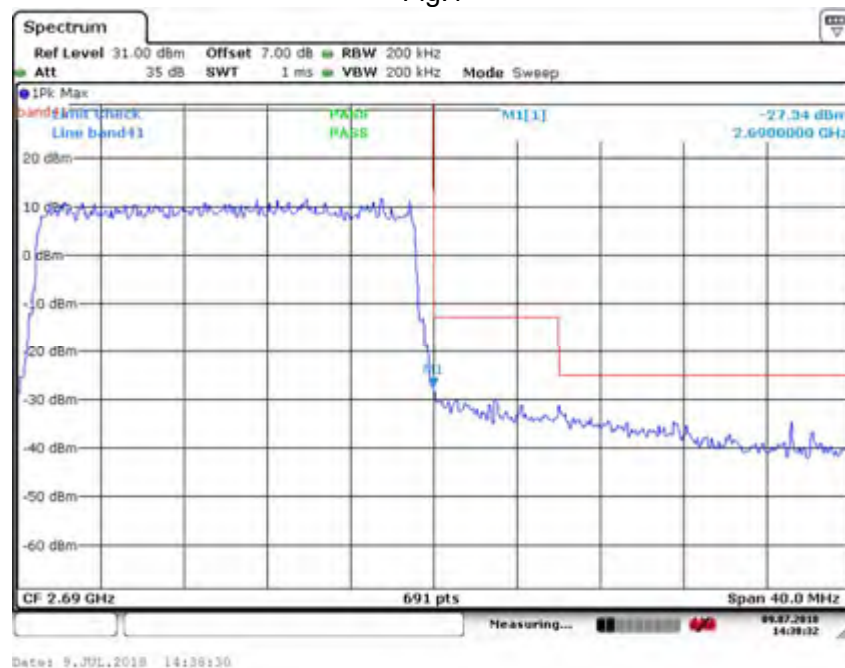


Fig.4

7 Frequency Stability

Test result:

Band	BW	Test Result (ppm)@NV		Test Result (ppm)@NT	
		Temperature(°C)		Voltage	
Band	5	-30	0.002	LV	0.004
		-20	0.007		
		-10	0.006		
		0	0.004		
		10	0.003	HV	0.002
		30	0.005		
		40	0.005		
		50	0.005		
	10	-30	0.004	LV	0.004
		-20	0.004		
		-10	0.002		
		0	0.003		
		10	0.005	HV	0.002
		30	0.004		
		40	0.003		
		50	0.003		
	15	-30	0.005	LV	0.008
		-20	0.005		
		-10	0.004		
		0	0.004		
		10	0.002	HV	0.004
		30	0.003		
		40	0.004		
		50	0.006		
	20	-30	0.002	LV	0.001
		-20	0.004		
		-10	0.004		
		0	0.003		
		10	0.005	HV	0.005
		30	0.003		
		40	0.006		
		50	0.006		



LTE Band 66

1 RF Power Output

Test result:

Antenna Gain:0.45dBi

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	1710.7	131979	1.4	1	0	20.6	21.1
				1	5	20.6	21.1
				3	2	20.6	21.1
				6	0	19.6	20.1
	1745	132322		1	0	20.4	20.9
				1	5	20.3	20.8
				3	2	20.4	20.9
				6	0	19.4	19.9
	1779.3	132665		1	0	20.4	20.9
				1	5	20.3	20.8
				3	2	20.4	20.9
				6	0	19.4	19.9

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	1710.7	131979	1.4	1	0	19.8	20.3
				1	5	20.0	20.5
				3	2	19.7	20.2
				6	0	18.7	19.2
	1745	132322		1	0	19.9	20.4
				1	5	19.8	20.3
				3	2	19.5	20.0
				6	0	18.5	19.0
	1779.3	132665		1	0	19.8	20.3
				1	5	19.8	20.3
				3	2	19.4	19.9
				6	0	18.5	19.0



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	1711.5	131987	3	1	0	20.7	21.2
				1	14	20.6	21.1
				8	4	19.7	20.2
				15	0	19.6	20.1
	1745	132322		1	0	20.5	21.0
				1	14	20.4	20.9
				8	4	19.5	20.0
				15	0	19.5	20.0
	1778.5	132657		1	0	20.4	20.9
				1	14	20.4	20.9
				8	4	19.4	19.9
				15	0	19.4	19.9

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	1711.5	131987	3	1	0	20.0	20.5
				1	14	20.1	20.6
				8	4	18.8	19.3
				15	0	18.7	19.2
	1745	132322		1	0	19.4	19.9
				1	14	19.5	20.0
				8	4	18.5	19.0
				15	0	18.4	18.9
	1778.5	132657		1	0	19.9	20.4
				1	14	19.9	20.4
				8	4	18.4	18.9
				15	0	18.4	18.9



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	1712.5	131997	5	1	0	20.7	21.2
				1	24	20.7	21.2
				12	6	19.7	20.2
				25	0	19.7	20.2
	1745	132322		1	0	20.5	21.0
				1	24	20.5	21.0
				12	6	19.5	20.0
				25	0	19.4	19.9
	1777.5	132647		1	0	20.5	21.0
				1	24	20.4	20.9
				12	6	19.4	19.9
				25	0	19.4	19.9

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	1712.5	131997	5	1	0	20.2	20.7
				1	24	20.1	20.6
				12	6	18.7	19.2
				25	0	18.7	19.2
	1745	132322		1	0	20.0	20.5
				1	24	20.0	20.5
				12	6	18.5	19.0
				25	0	18.5	19.0
	1777.5	132647		1	0	19.9	20.4
				1	24	19.9	20.4
				12	6	18.4	18.9
				25	0	18.4	18.9



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	1715	132022	10	1	0	20.8	21.3
				1	49	20.6	21.1
				24	12	19.7	20.2
				50	0	19.6	20.1
	1745	132322		1	0	20.5	21.0
				1	49	20.5	21.0
				24	12	19.5	20.0
				50	0	19.5	20.0
	1775	132622		1	0	20.5	21.0
				1	49	20.4	20.9
				24	12	19.5	20.0
				50	0	19.5	20.0

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	1715	132022	10	1	0	19.6	20.1
				1	49	19.6	20.1
				24	12	18.6	19.1
				50	0	18.7	19.2
	1745	132322		1	0	20.0	20.5
				1	49	20.0	20.5
				24	12	18.5	19.0
				50	0	18.5	19.0
	1775	132622		1	0	20.0	20.5
				1	49	19.8	20.3
				24	12	18.5	19.0
				50	0	18.5	19.0



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	1717.5	132047	15	1	0	20.7	21.2
				1	74	20.5	21.0
				40	18	19.6	20.1
				75	0	19.7	20.2
	1745	132322		1	0	20.7	21.2
				1	74	20.5	21.0
				40	18	19.5	20.0
				75	0	19.5	20.0
	1772.5	132597		1	0	20.6	21.1
				1	74	20.4	20.9
				40	18	19.5	20.0
				75	0	19.5	20.0

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	1717.5	132047	15	1	0	19.8	20.3
				1	74	19.6	20.1
				40	18	18.6	19.1
				75	0	18.6	19.1
	1745	132322		1	0	20.3	20.8
				1	74	20.0	20.5
				40	18	18.6	19.1
				75	0	18.5	19.0
	1772.5	132597		1	0	19.8	20.3
				1	74	19.6	20.1
				40	18	18.5	19.0
				75	0	18.5	19.0



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	1720	132072	20	1	0	20.8	21.3
				1	99	20.6	21.1
				50	25	19.6	20.1
				100	0	19.7	20.2
	1745	132322		1	0	20.8	21.3
				1	99	20.4	20.9
				50	25	19.4	19.9
				100	0	19.6	20.1
	1770	132572		1	0	20.6	21.1
				1	99	20.4	20.9
				50	25	19.5	20.0
				100	0	19.5	20.0

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	1720	132072	20	1	0	19.7	20.2
				1	99	19.4	19.9
				50	25	18.7	19.2
				100	0	18.6	19.1
	1745	132322		1	0	20.4	20.9
				1	99	20.0	20.5
				50	25	18.5	19.0
				100	0	18.6	19.1
	1770	132572		1	0	20.1	20.6
				1	99	19.9	20.4
				50	25	18.5	19.0
				100	0	18.5	19.0

2 Occupied Bandwidth

Test result

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
66	1710.7	131979	1.4	6	0	1.090	Fig.4	1.094	Fig.8

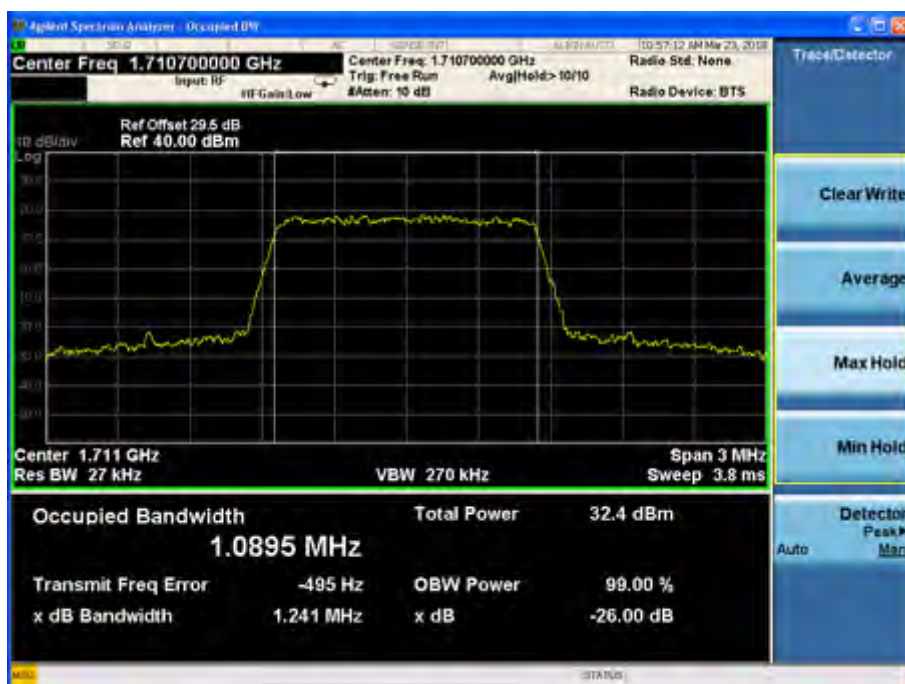


Fig.4

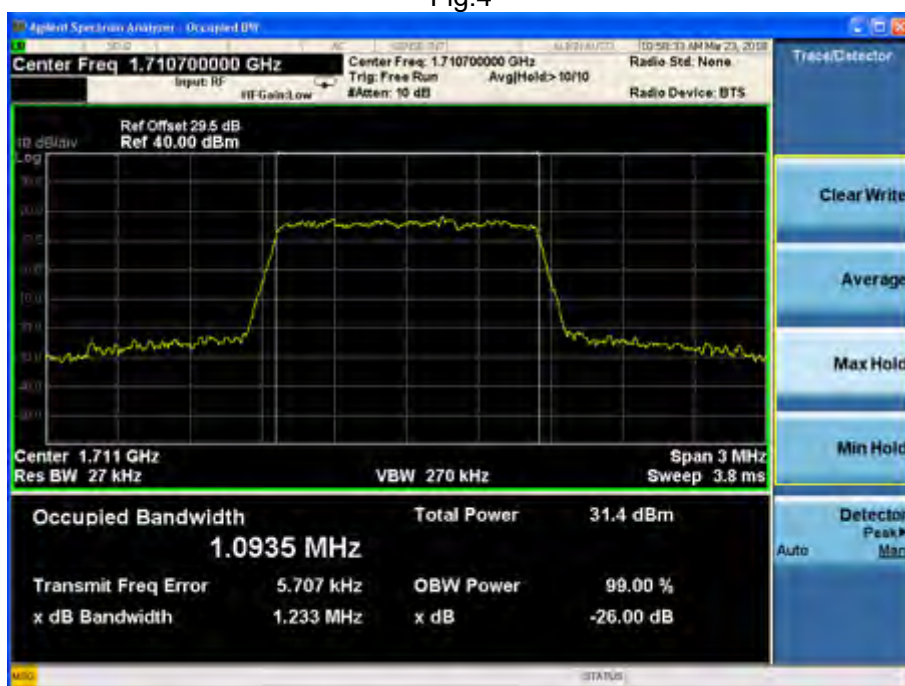


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
66	1745	132322	1.4	6	0	1.091	Fig.4	1.095	Fig.8

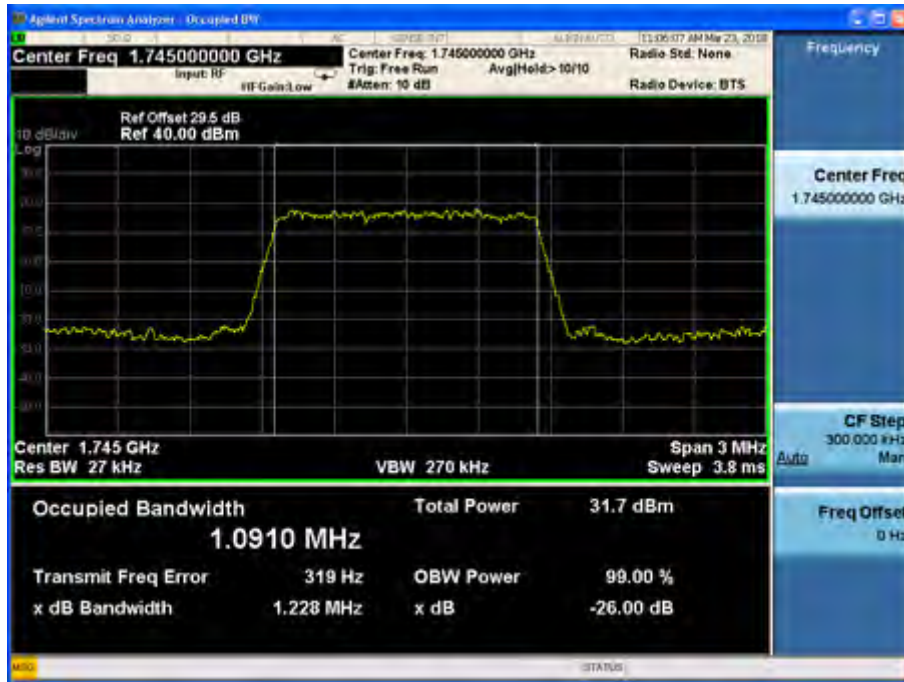


Fig.4

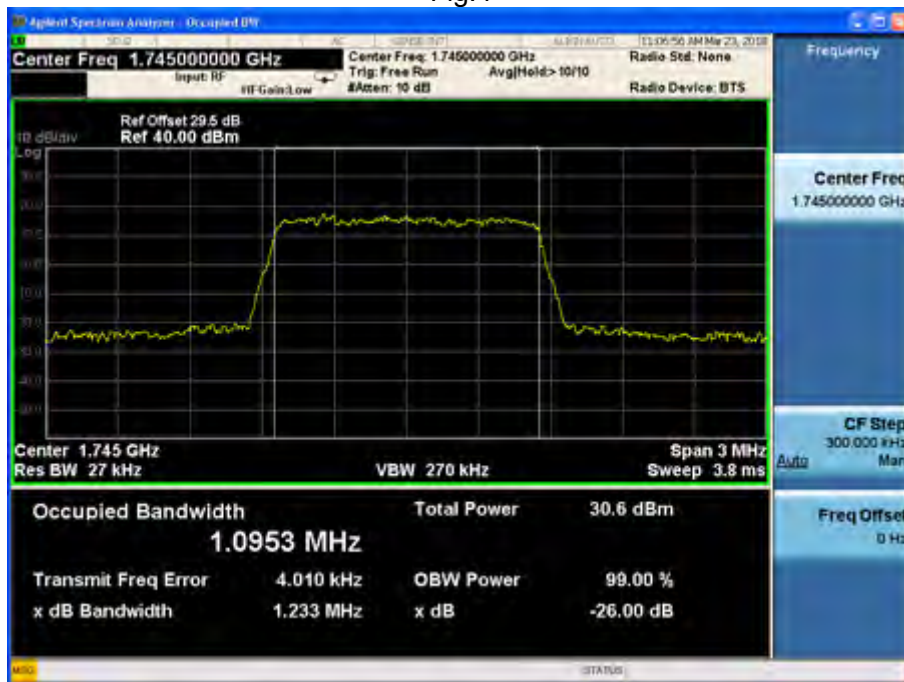


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
66	1779.3	132665	1.4	6	0	1.092	Fig.4	1.088	Fig.8

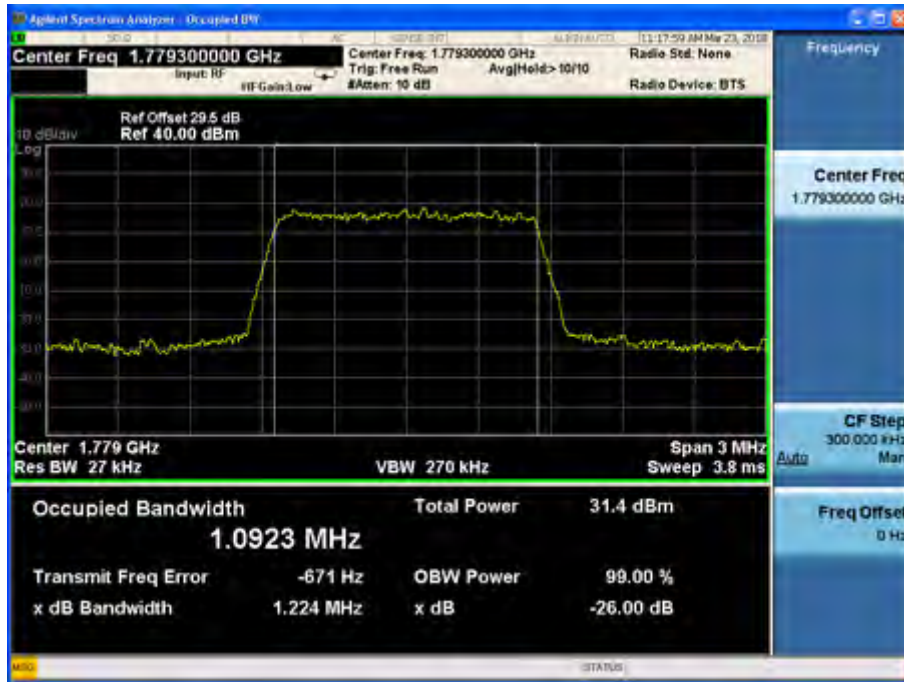


Fig.4

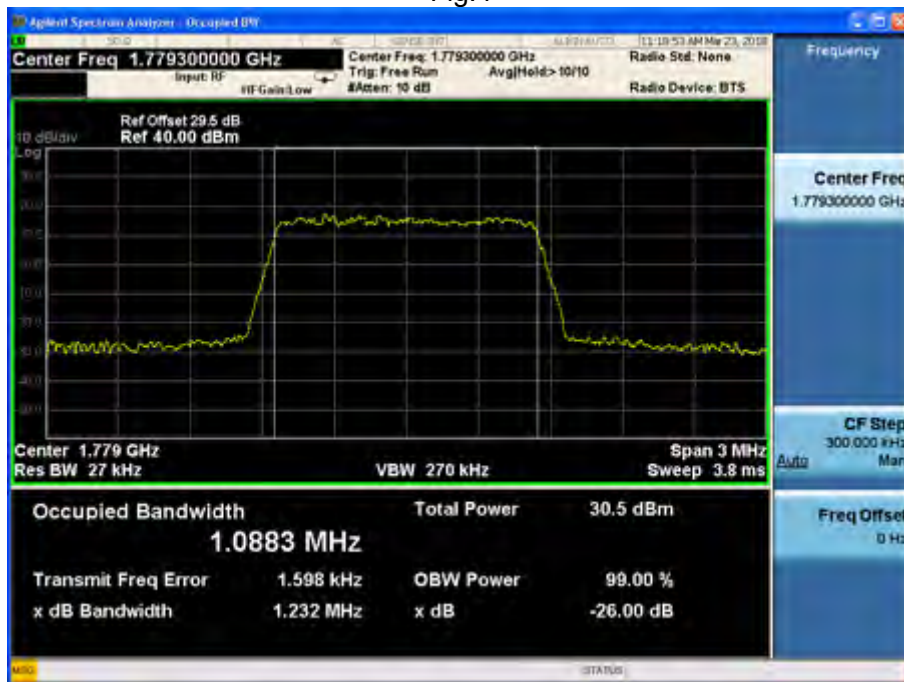


Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
66	1711.5	131987	3	15	0	2.679	Fig.4	2.678	Fig.8

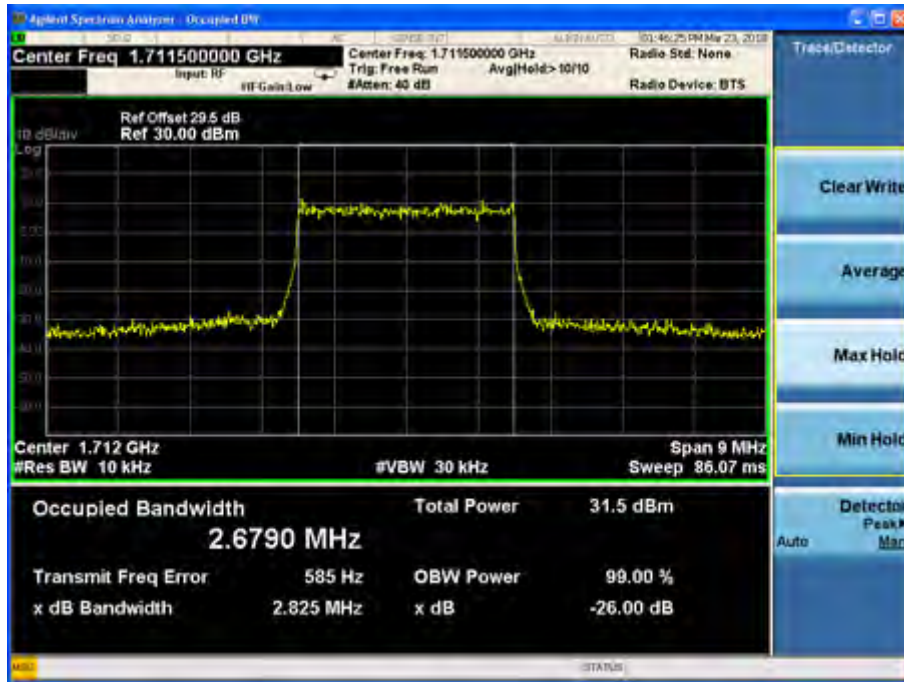


Fig.4

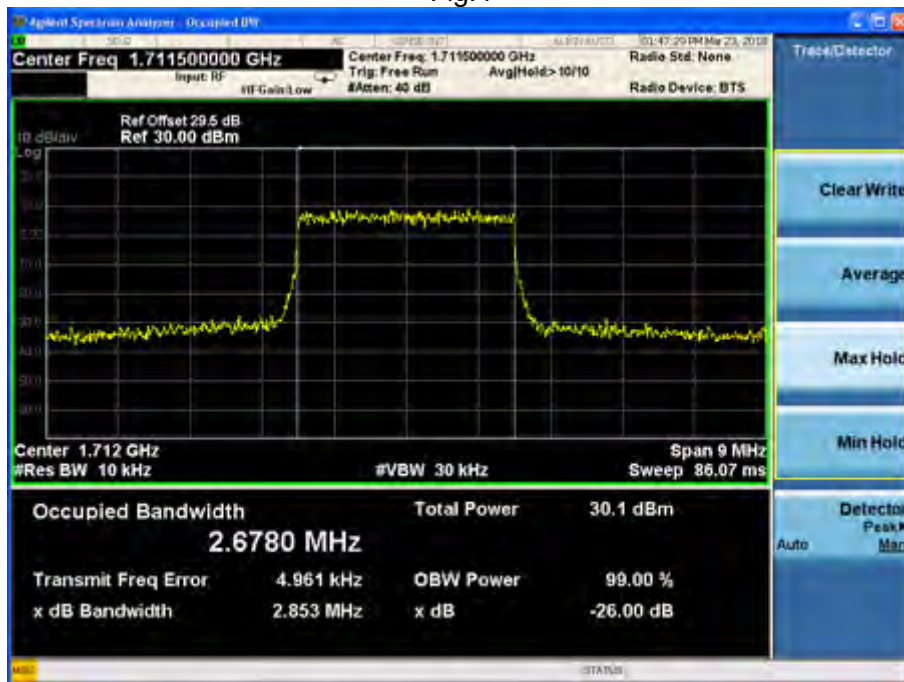


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
66	1745	132322	3	15	0	2.671	Fig.4	2.680	Fig.8

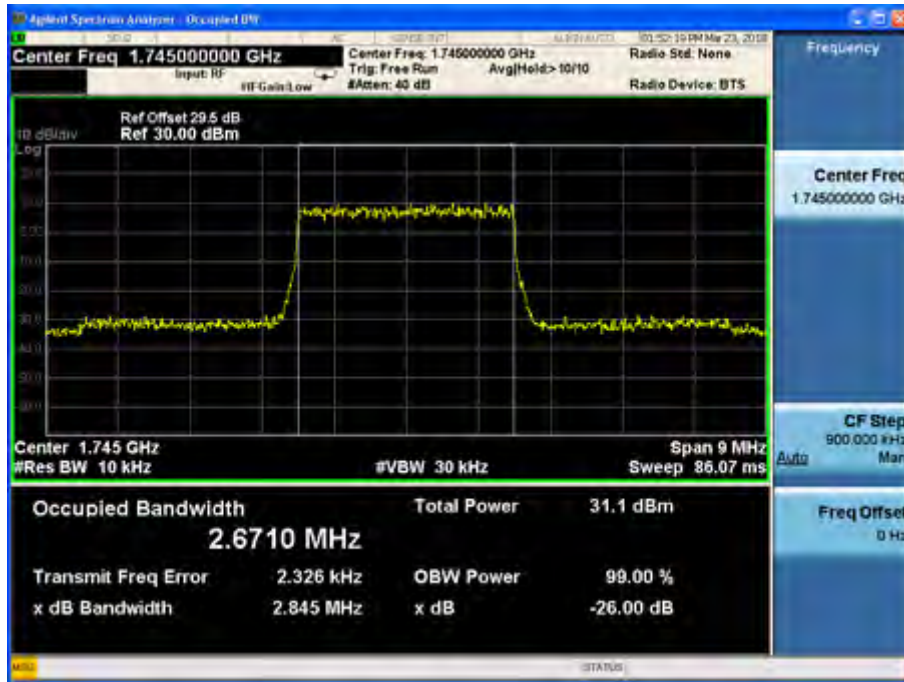


Fig.4

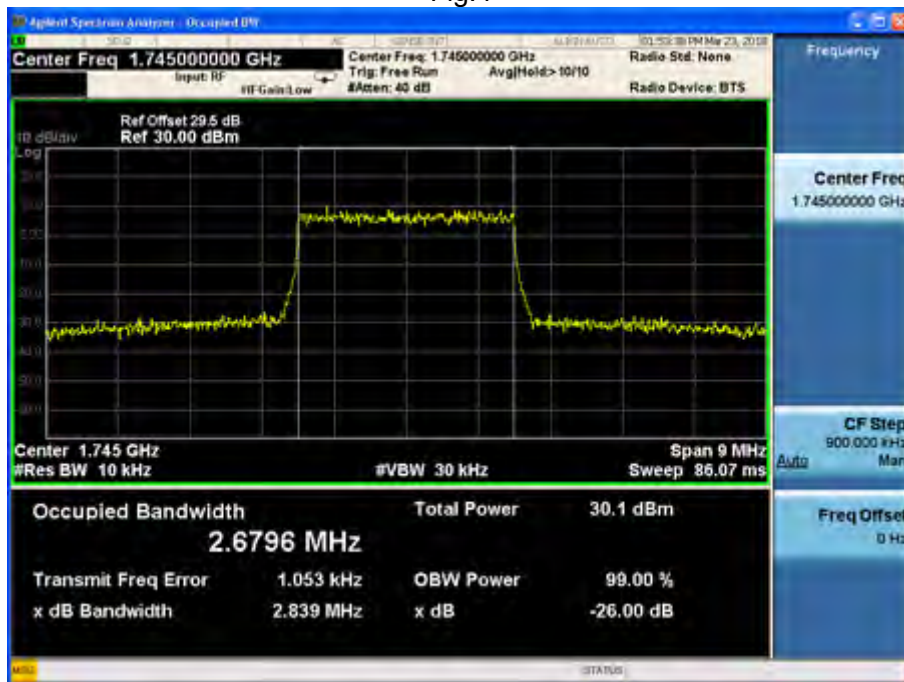


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
66	1778.5	132657	3	15	0	2.677	Fig.4	2.678	Fig.8

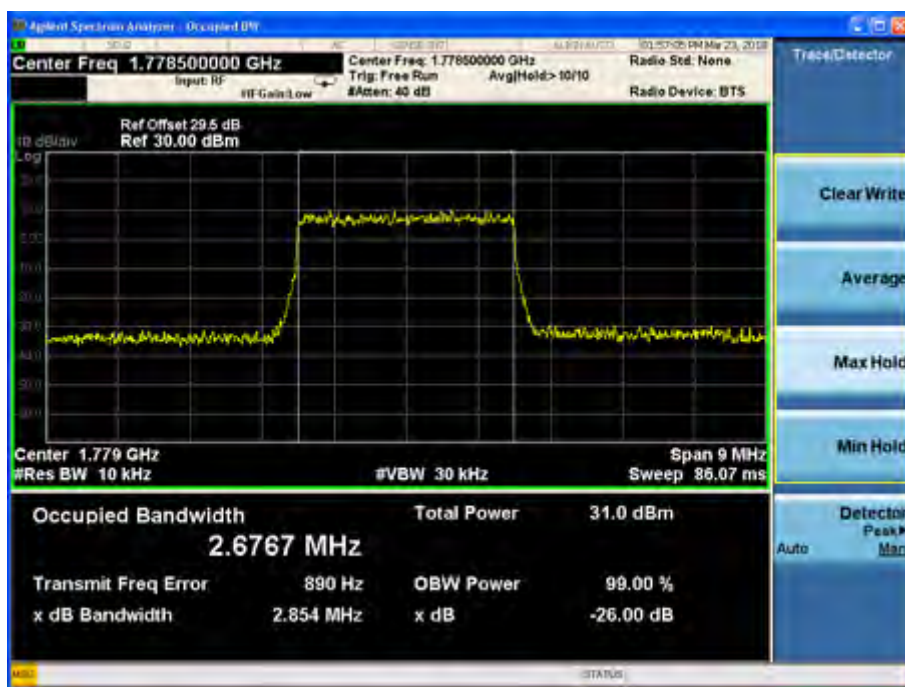


Fig.4

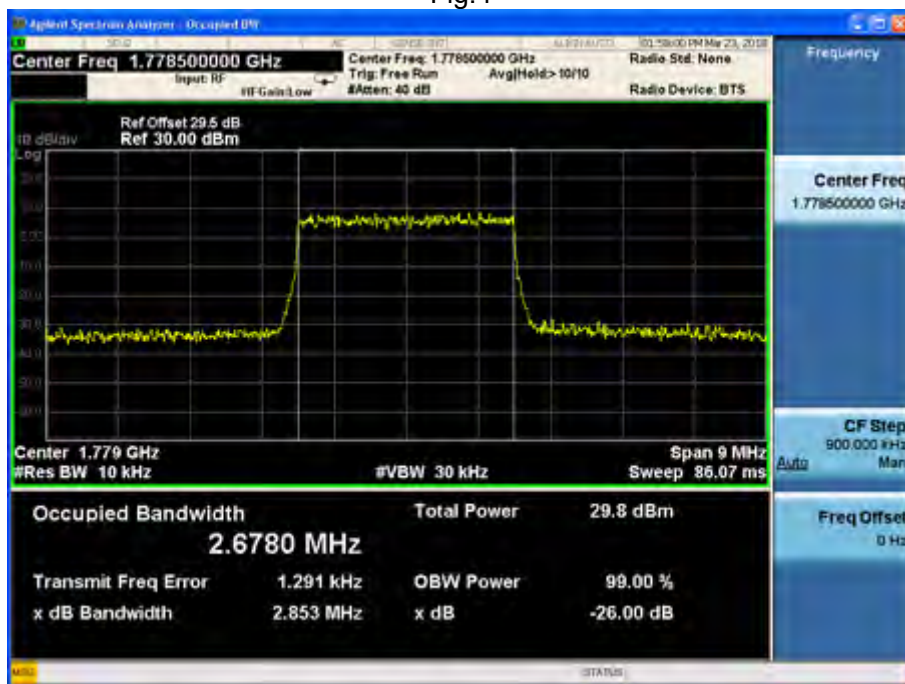


Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
66	1712.5	131997	5	25	0	4.464	Fig.4	4.459	Fig.8

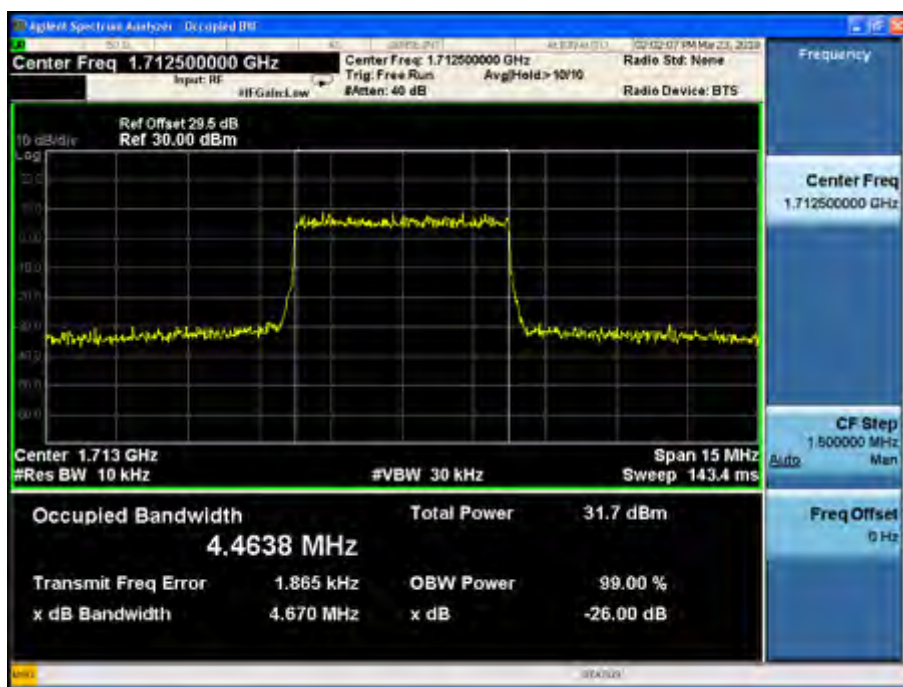


Fig.4

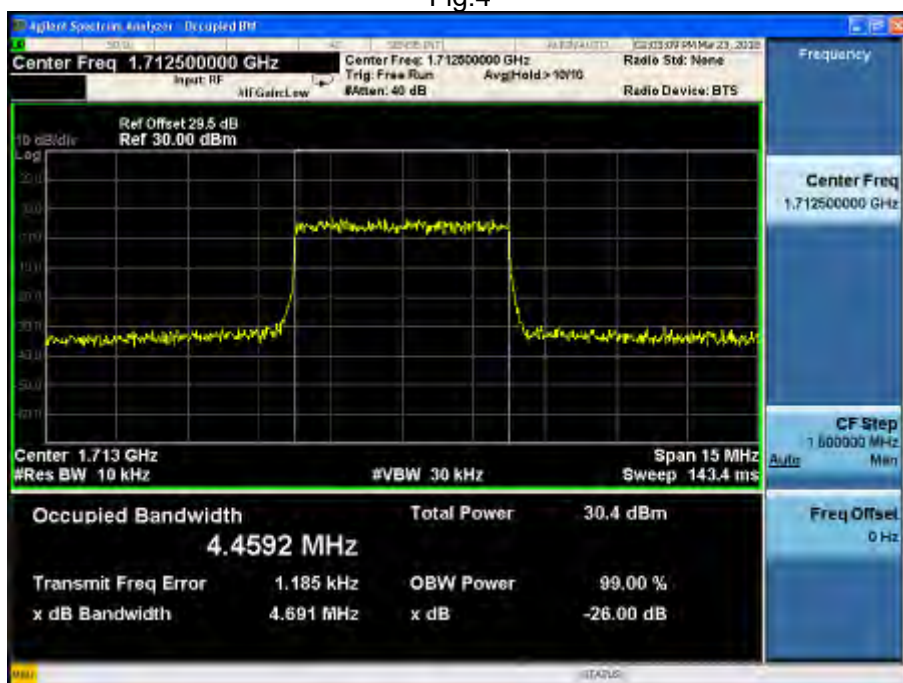


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
66	1745	132322	5	25	0	4.461	Fig.4	4.466	Fig.8



Fig.4

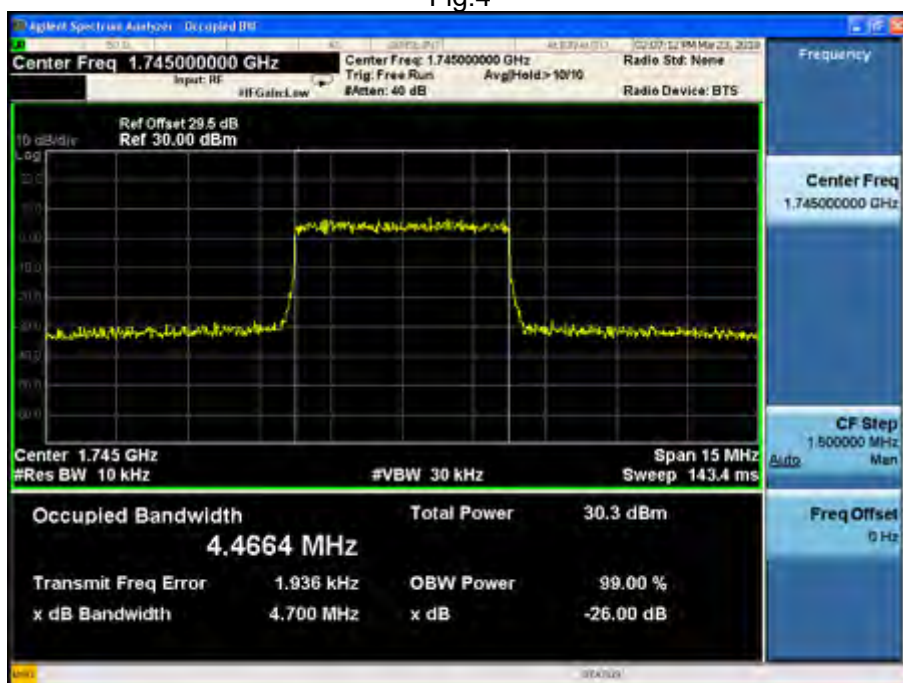


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
66	1777.5	132647	5	25	0	4.459	Fig.4	4.459	Fig.8

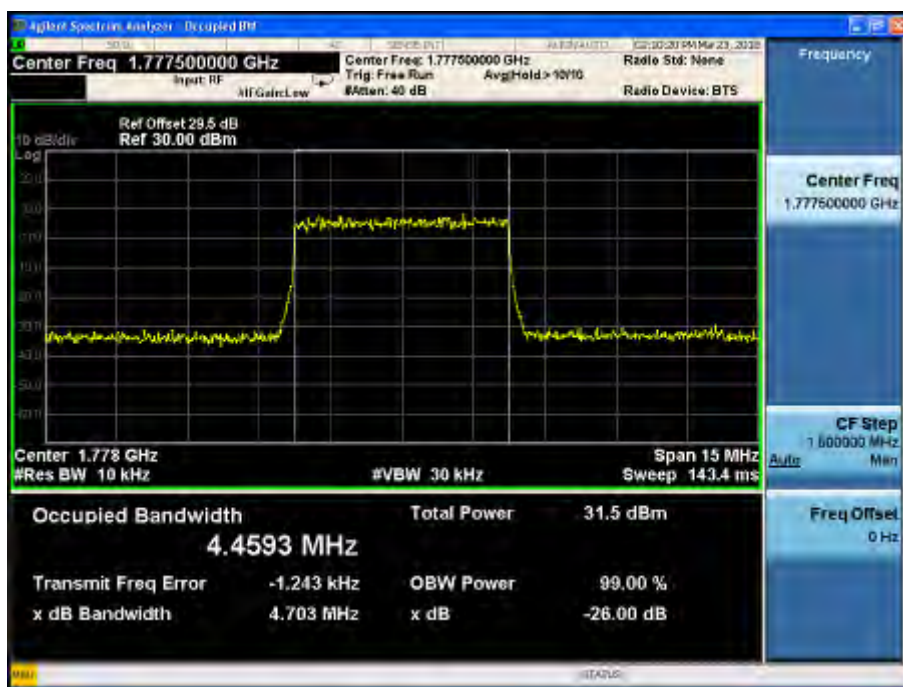


Fig.4

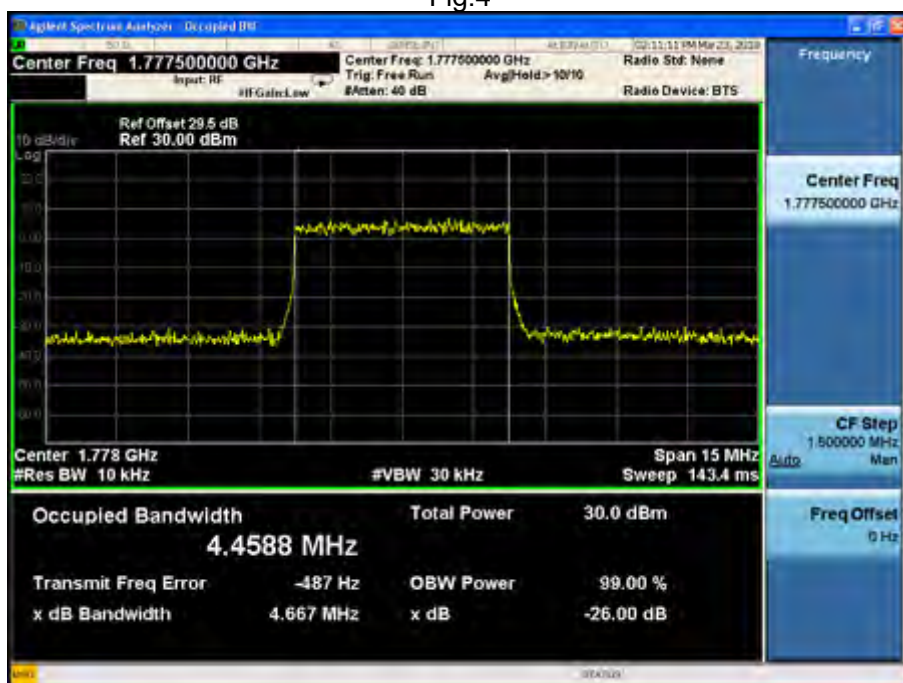


Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
66	1715	132022	10	50	0	8.926	Fig.4	8.930	Fig.8

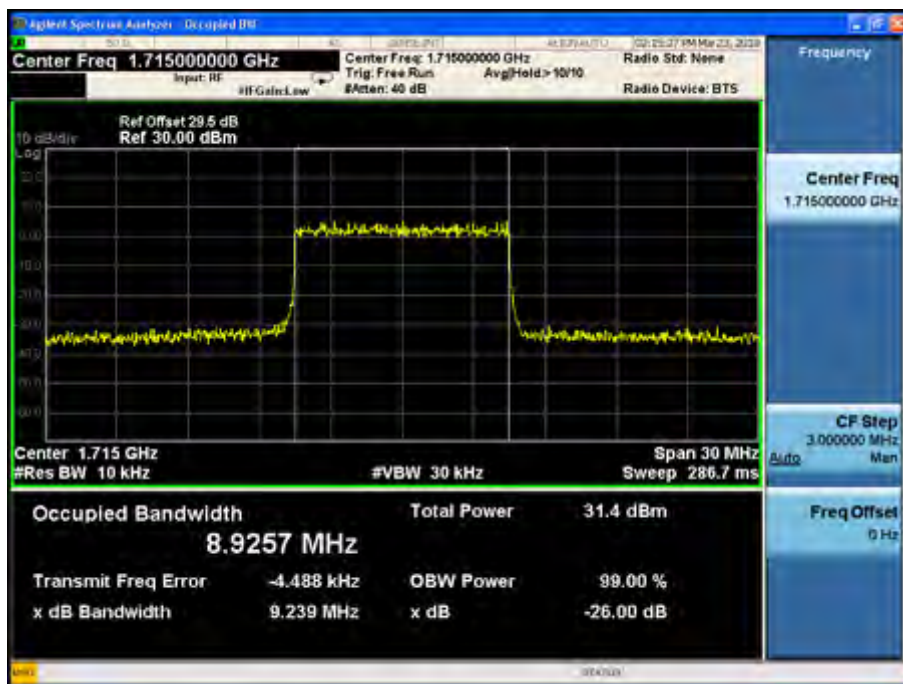


Fig.4

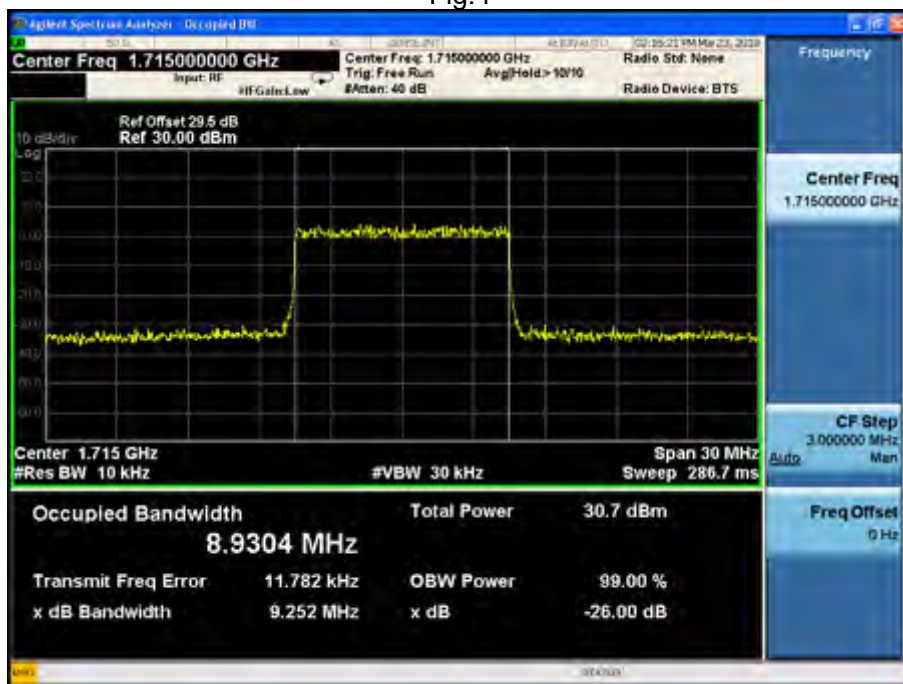


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
66	1745	132322	10	50	0	8.919	Fig.4	8.906	Fig.8

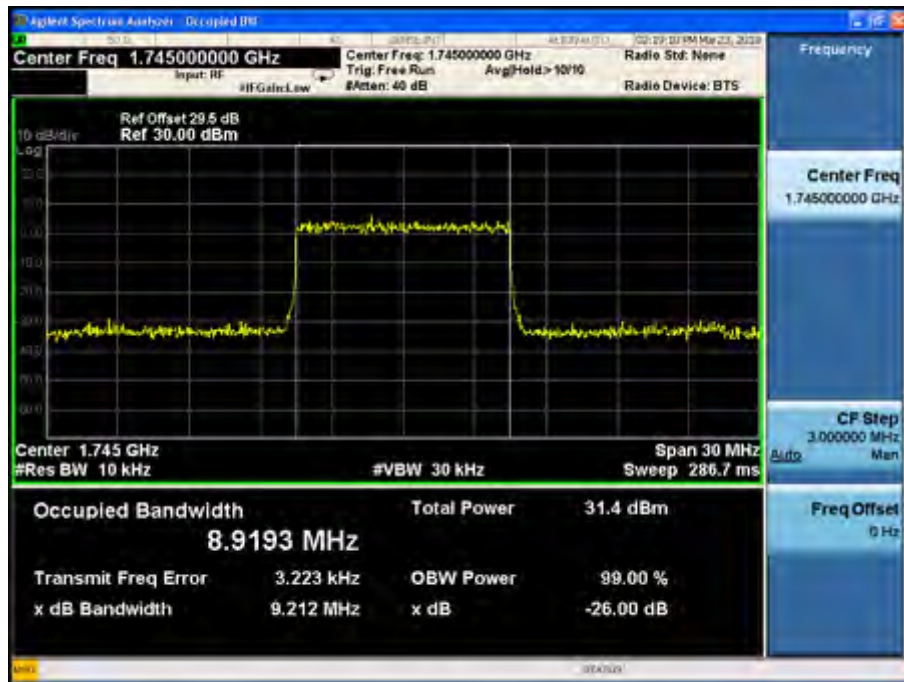


Fig.4

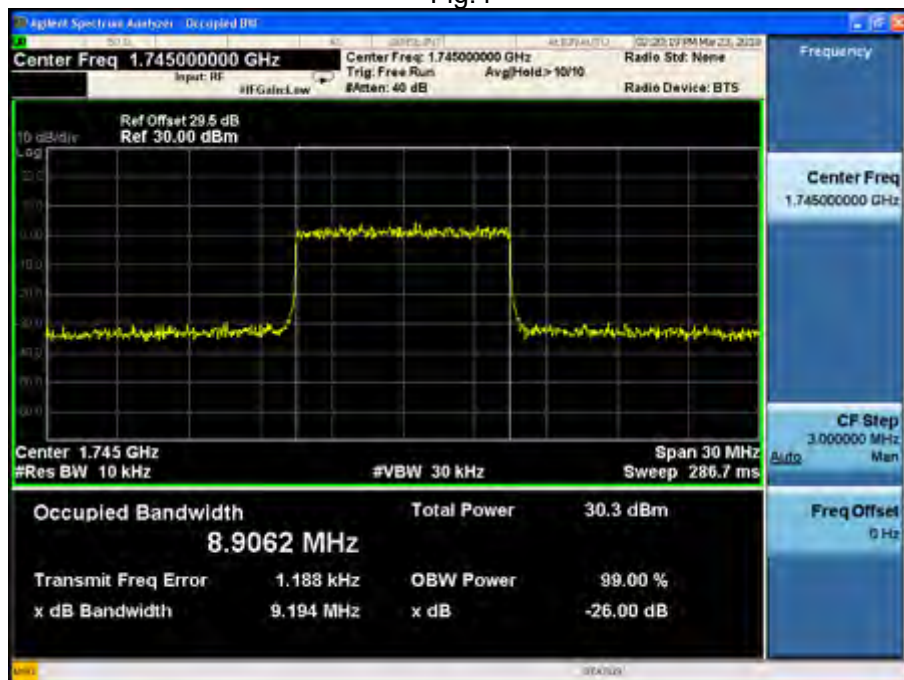


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
66	1775	132622	10	50	0	8.935	Fig.4	8.918	Fig.8

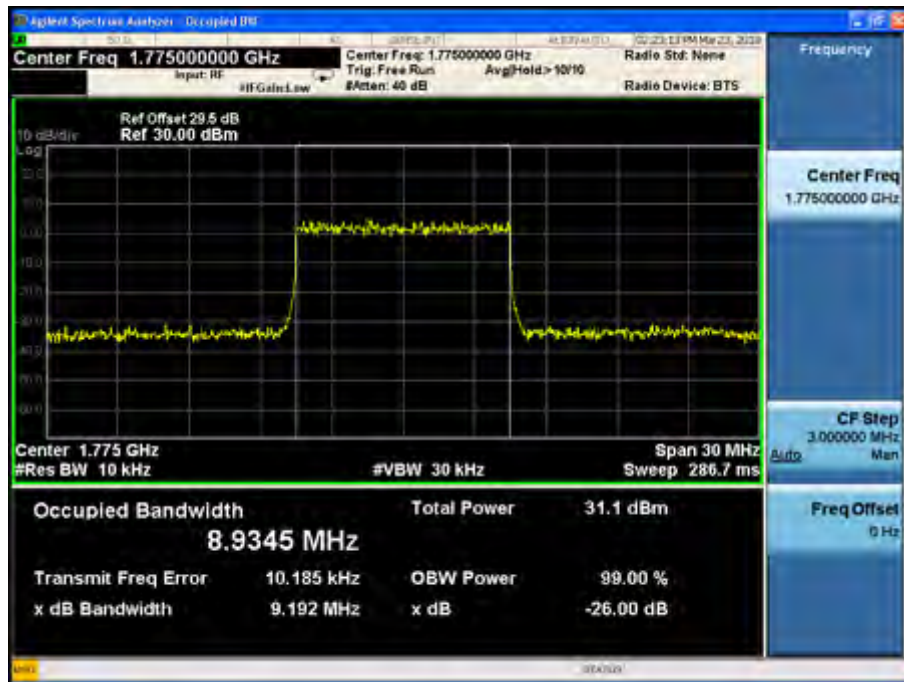


Fig.4

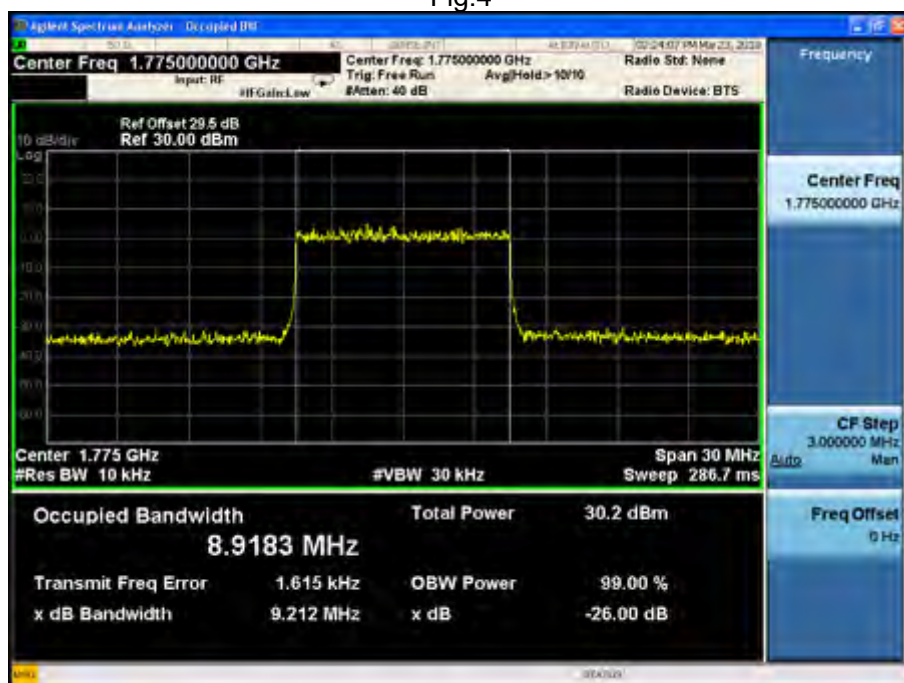


Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
66	1717.5	132047	15	75	0	13.372	Fig.4	13.413	Fig.8

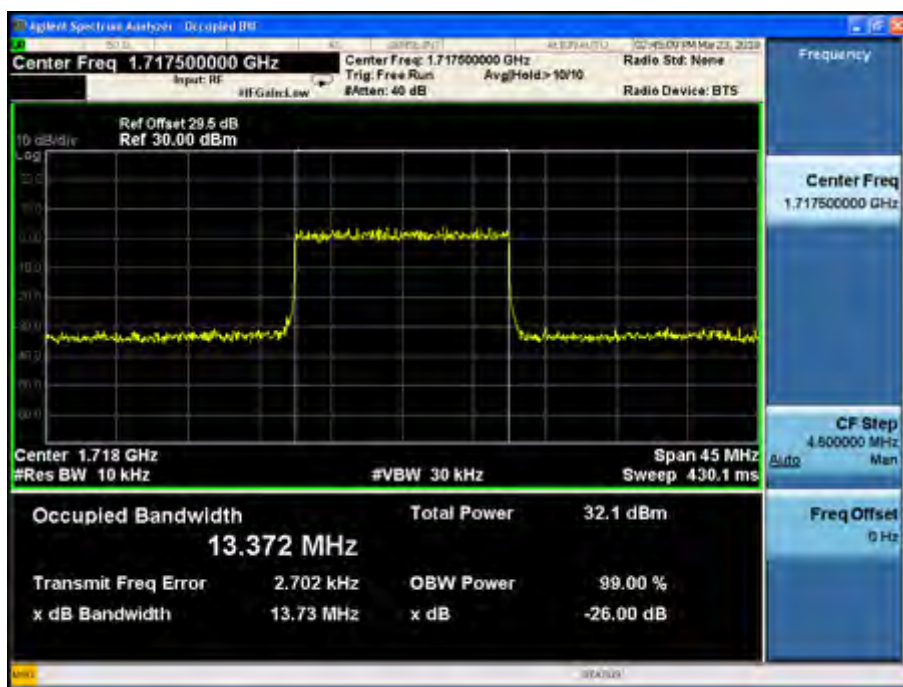


Fig.4

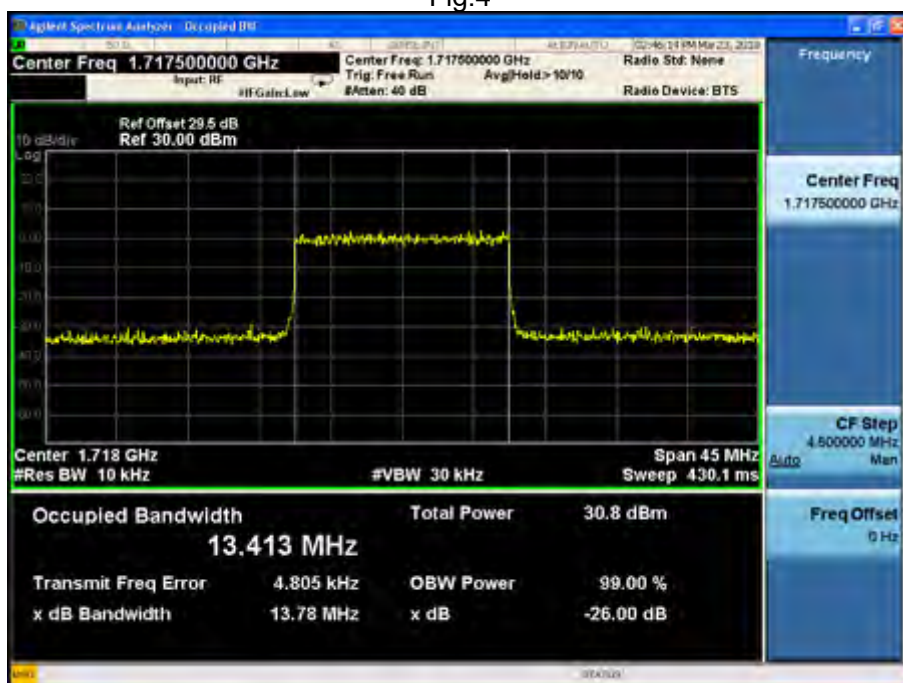


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
66	1745	132322	15	75	0	13.392	Fig.4	13.394	Fig.8

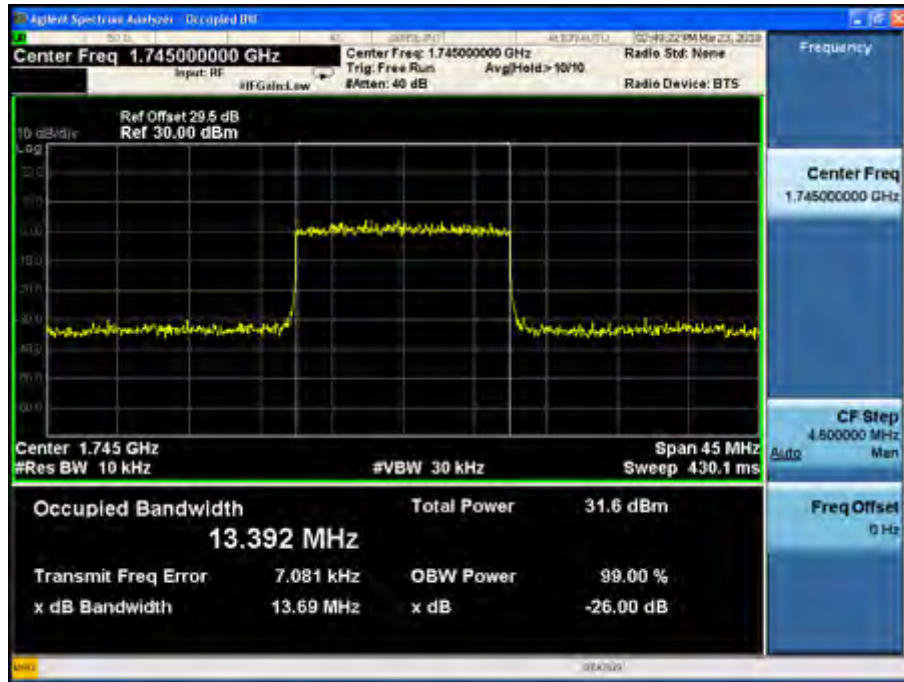


Fig.4

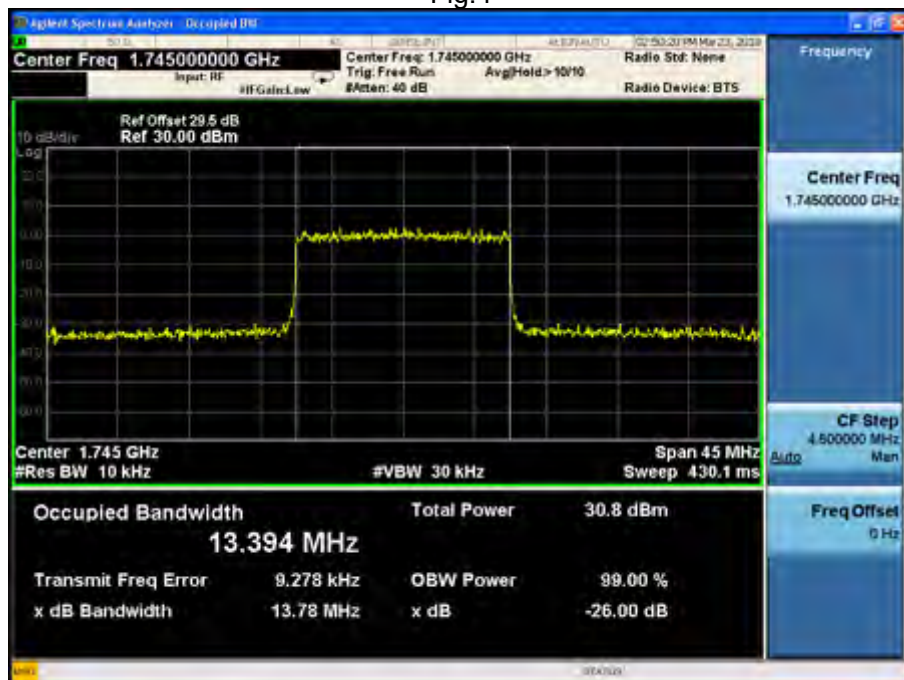


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
66	1772.5	132597	15	75	0	13.399	Fig.4	13.409	Fig.8

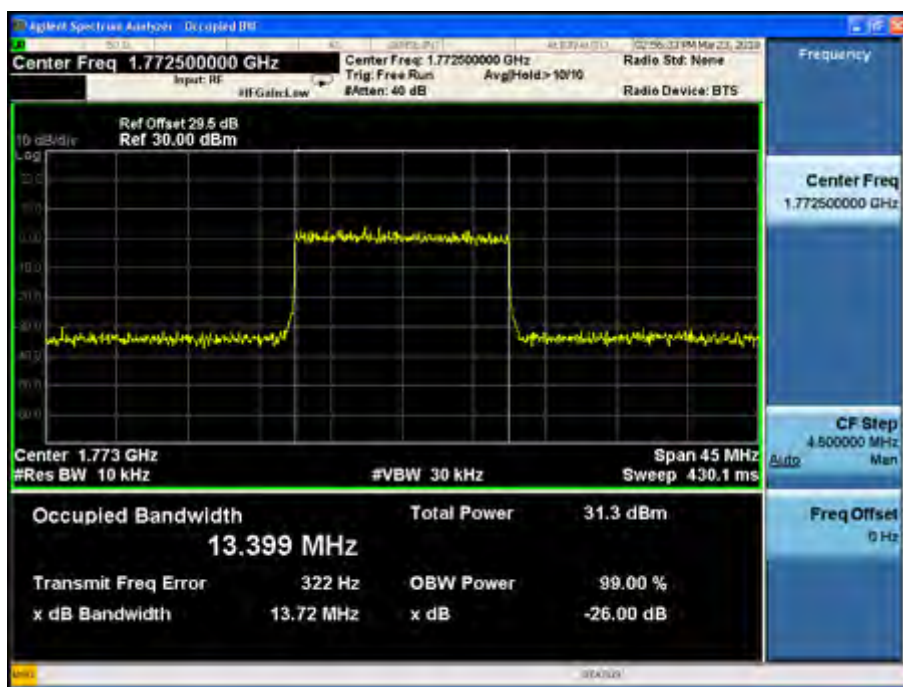


Fig.4

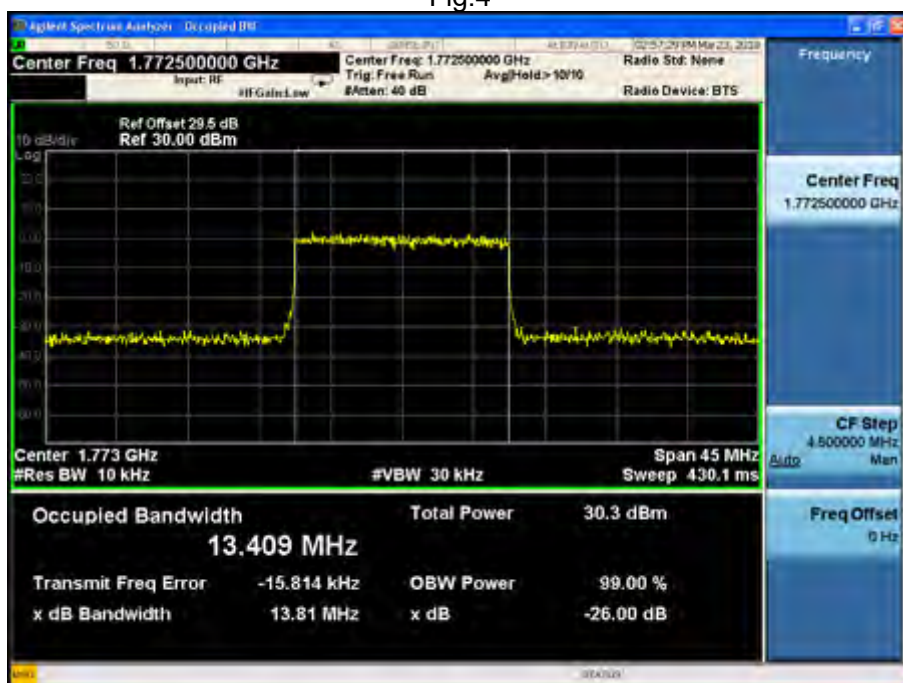


Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
66	1720	132072	20	100	0	17.903	Fig.4	17.870	Fig.8

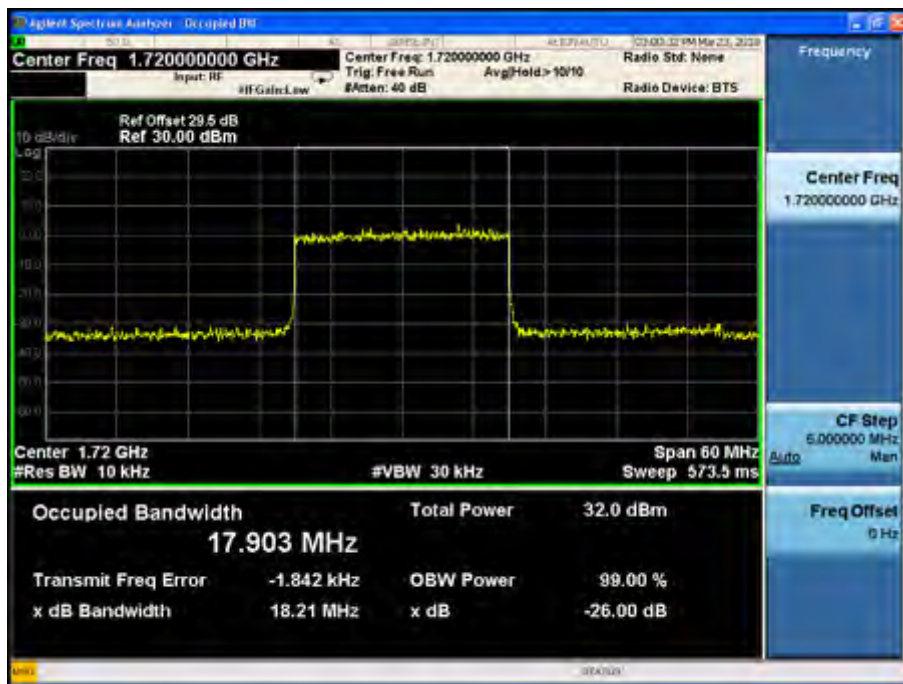


Fig.4

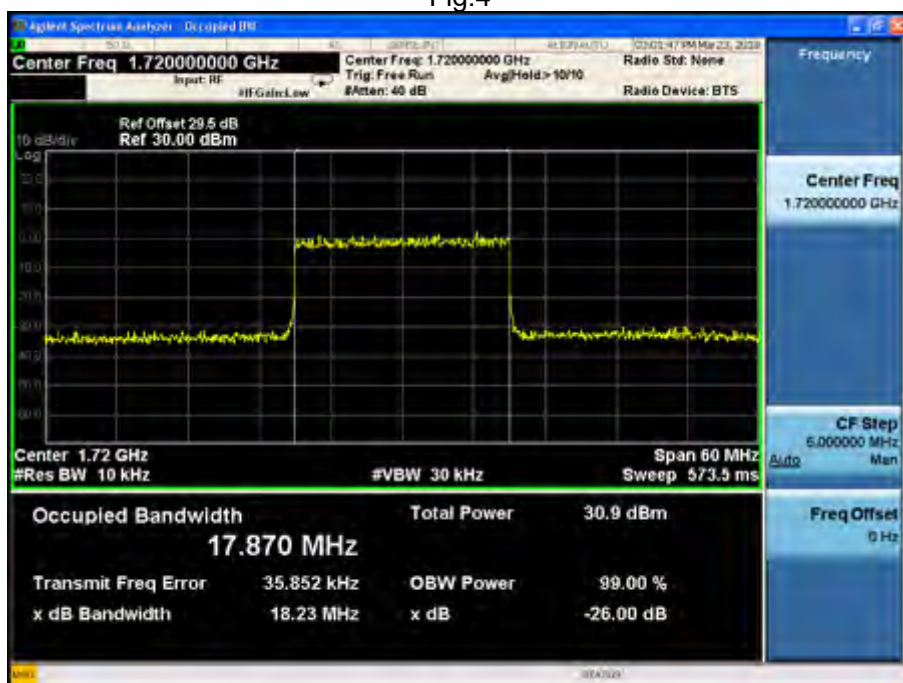


Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
66	1745	132322	20	100	0	17.794	Fig.4	17.855	Fig.8

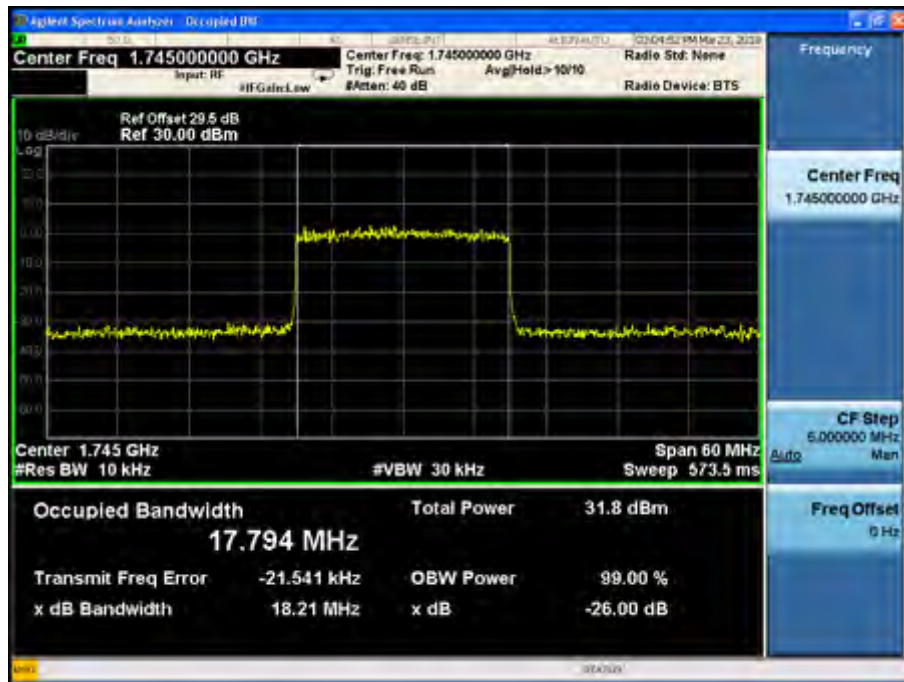


Fig.4

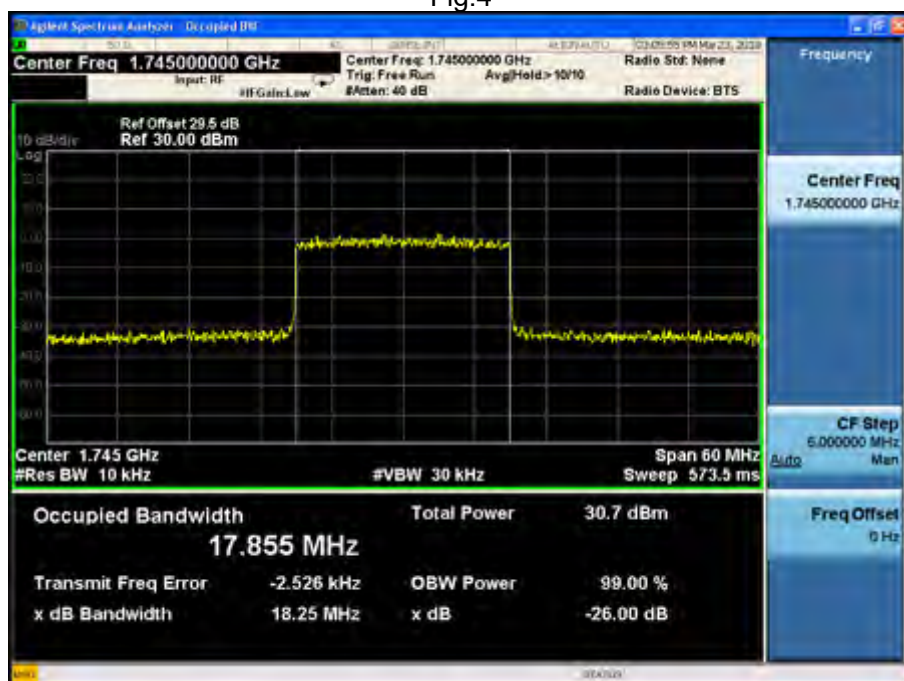


Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
66	1770	132572	20	100	0	17.904	Fig.4	17.812	Fig.8

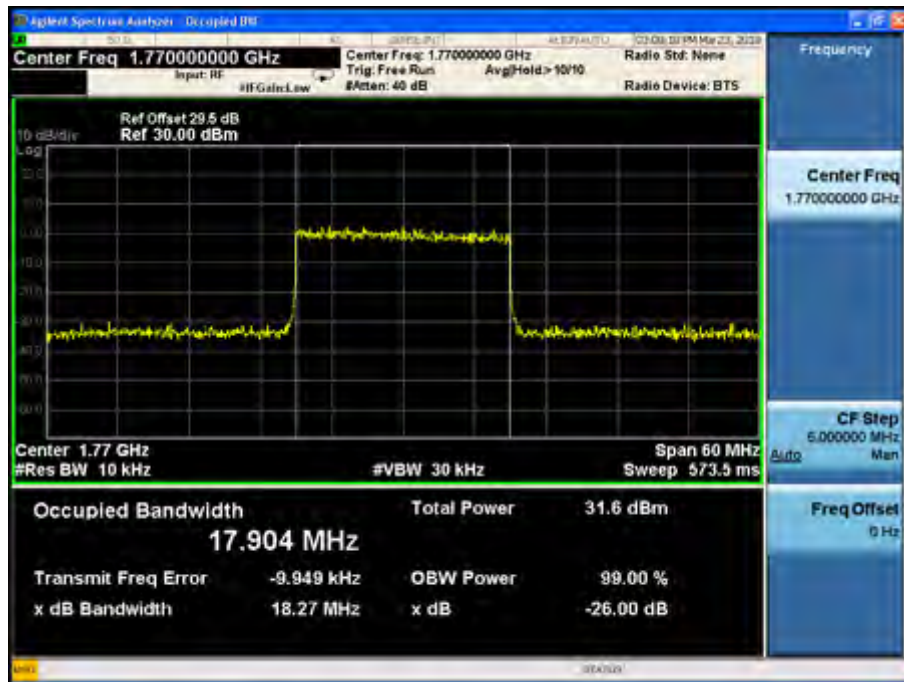


Fig.4

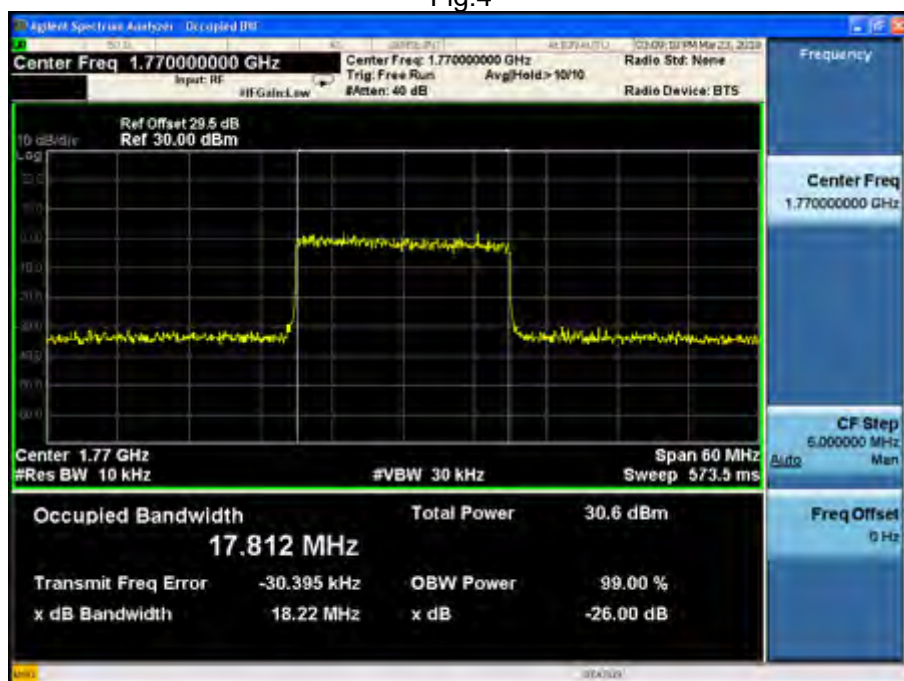


Fig.8

3 Emission Bandwidth

Test result

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
66	1710.7	131979	1.4	6	0	1.241	Fig.4	1.233	Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
66	1745	132322	1.4	6	0	1.228	Fig.4	1.233	Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
66	1779.3	132665	1.4	6	0	1.224	Fig.4	1.232	Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
66	1711.5	131987	3	15	0	2.825	Fig.4	2.853	Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
66	1745	132322	3	15	0	2.845	Fig.4	2.839	Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
66	1778.5	132657	3	15	0	2.854	Fig.4	2.853	Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
66	1712.5	131997	5	25	0	4.670	Fig.4	4.691	Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
66	1745	132322	5	25	0	4.717	Fig.4	4.700	Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
66	1777.5	132647	5	25	0	4.703	Fig.4	4.667	Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
66	1715	132022	10	50	0	9.239	Fig.4	9.252	Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
66	1745	132322	10	50	0	9.212	Fig.4	9.194	Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
66	1775	132622	10	50	0	9.192	Fig.4	9.212	Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
66	1717.5	132047	15	75	0	13.73	Fig.4	13.780	Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
66	1745	132322	15	75	0	13.690	Fig.4	13.780	Fig.8



Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
66	1772.5	132597	15	75	0	13.720	Fig.4	13.810	Fig.8

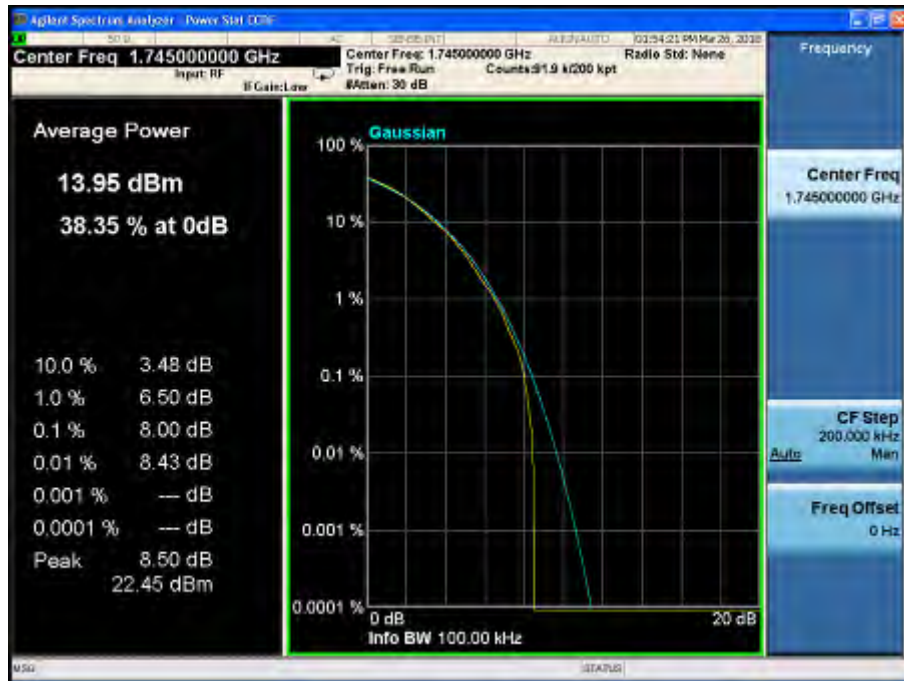
Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
66	1720	132072	20	100	0	18.210	Fig.4	18.230	Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
66	1745	132322	20	100	0	18.210	Fig.4	18.250	Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
66	1770	132572	20	100	0	18.270	Fig.4	18.220	Fig.8

4 Peak-Average Ratio

Test result:



Peak-Average Ratio Plot(1.4MHz BW,QPSK,Band 66-mid Channel)



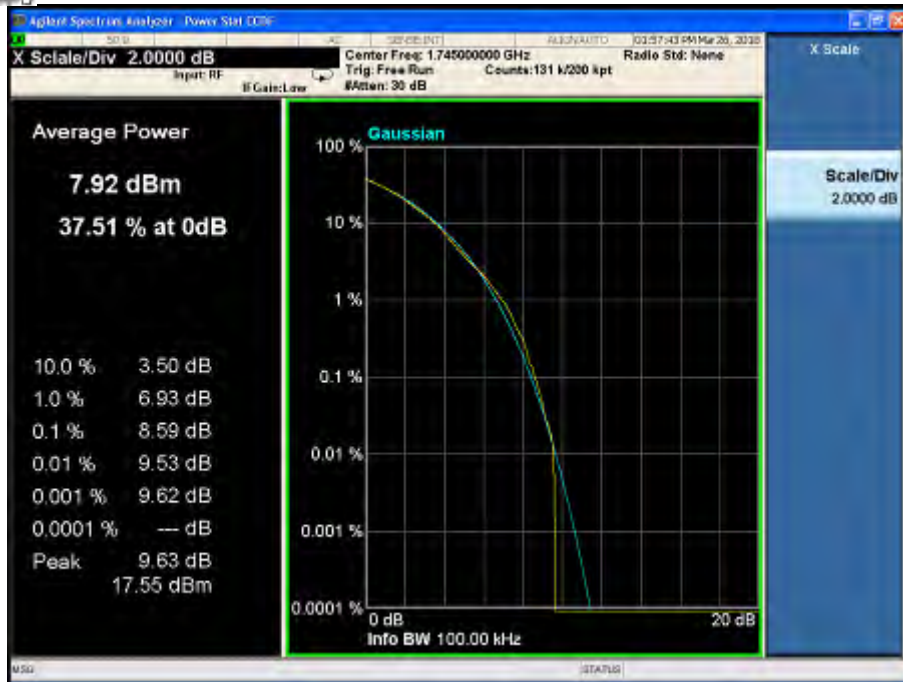
Peak-Average Ratio Plot(1.4MHz BW,16QAM,Band 66-mid Channel)



Peak-Average Ratio Plot(3MHz BW,QPSK,Band 66-mid Channel)



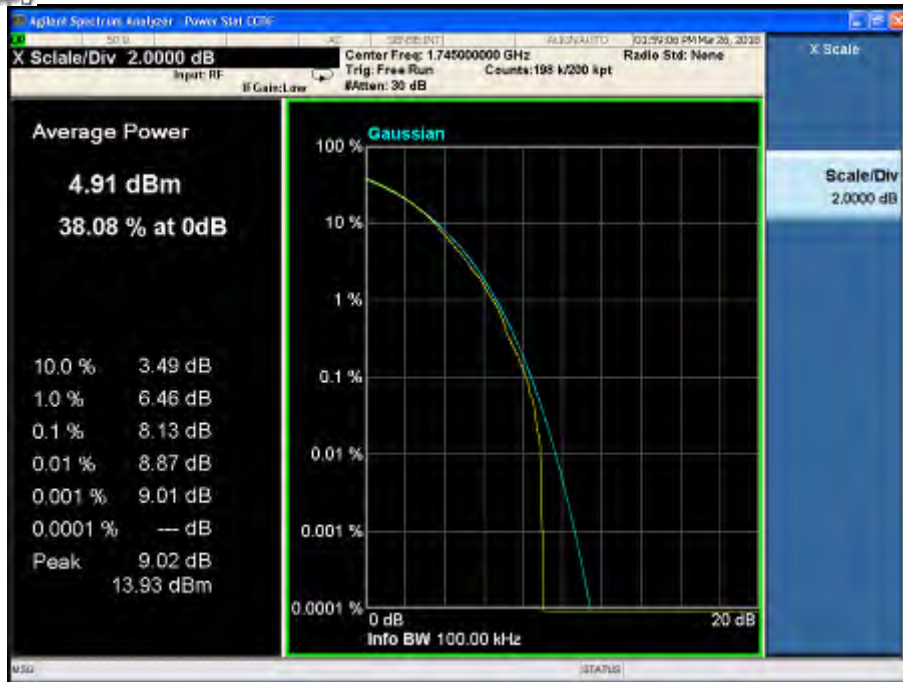
Peak-Average Ratio Plot(3MHz BW,16QAM,Band 66-mid Channel)



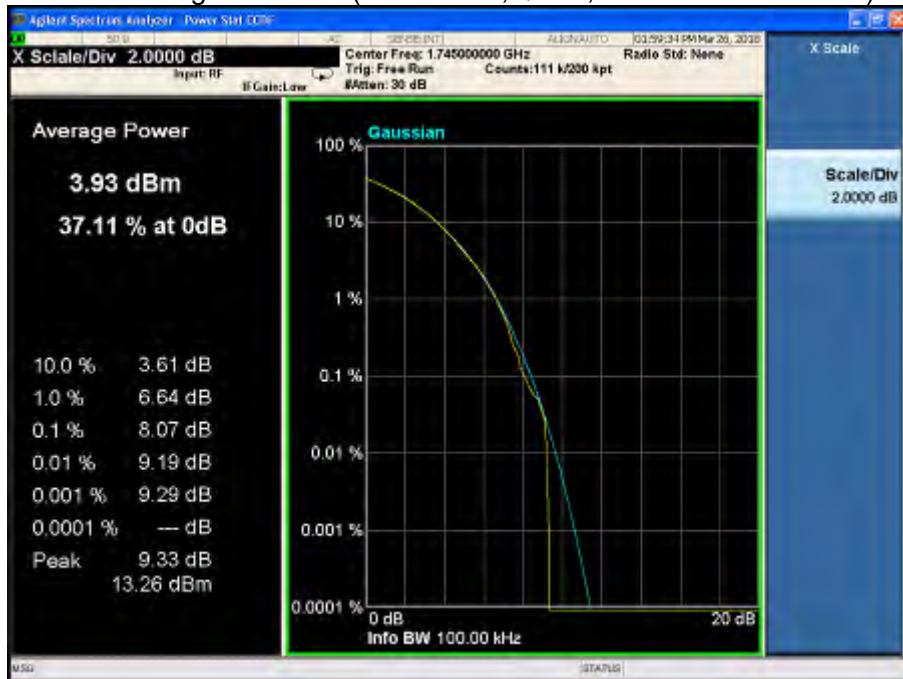
Peak-Average Ratio Plot(5MHz BW,QPSK,Band 66-mid Channel)



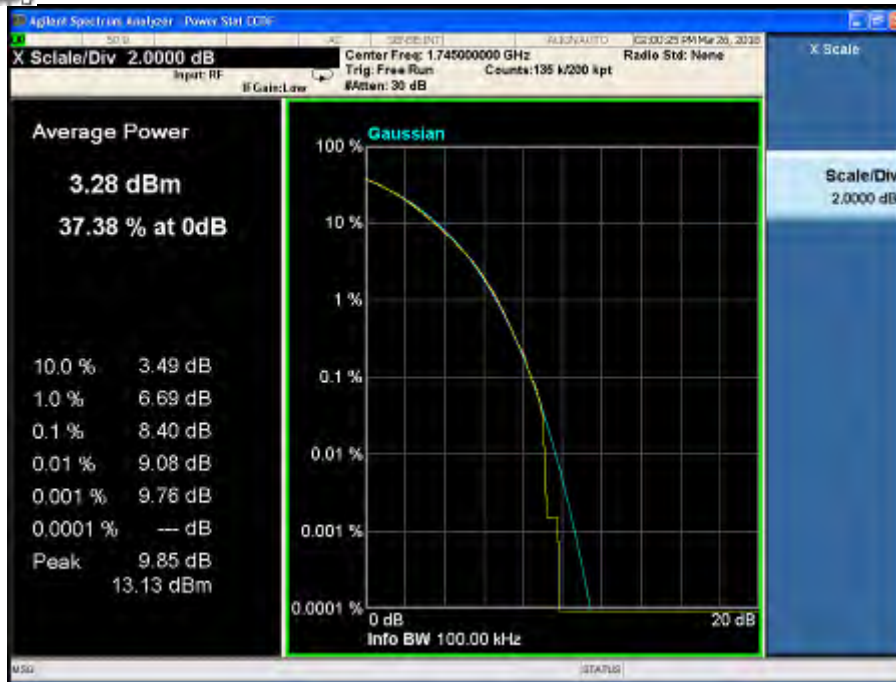
Peak-Average Ratio Plot(5MHz BW,16QAM,Band 66-mid Channel)



Peak-Average Ratio Plot(10MHz BW,QPSK,Band 66-mid Channel)



Peak-Average Ratio Plot(10MHz BW,16QAM,Band 66-mid Channel)



Peak-Average Ratio Plot(15MHz BW,QPSK,Band 66-mid Channel)



Peak-Average Ratio Plot(15MHz BW,16QAM,Band 66-mid Channel)



Peak-Average Ratio Plot(20MHz BW,QPSK,Band 66-mid Channel)



Peak-Average Ratio Plot(20MHz BW,16QAM,Band 66-mid Channel)

5 Spurious Emissions at antenna terminal

Test result

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
66	1720	132072	20	100	0	Fig.4	Fig.8



Fig.4



Fig.8

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
66	1745	132322	20	100	0	Fig.4	Fig.8



Fig.4



Fig.8

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
66	1770	132572	20	100	0	Fig.4	Fig.8



Fig.4



Fig.8

6 Band Edges Compliance

Test result

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
66	1710.7	131979	1.4	1	0	Fig.1
				6	0	Fig.4



Fig.1

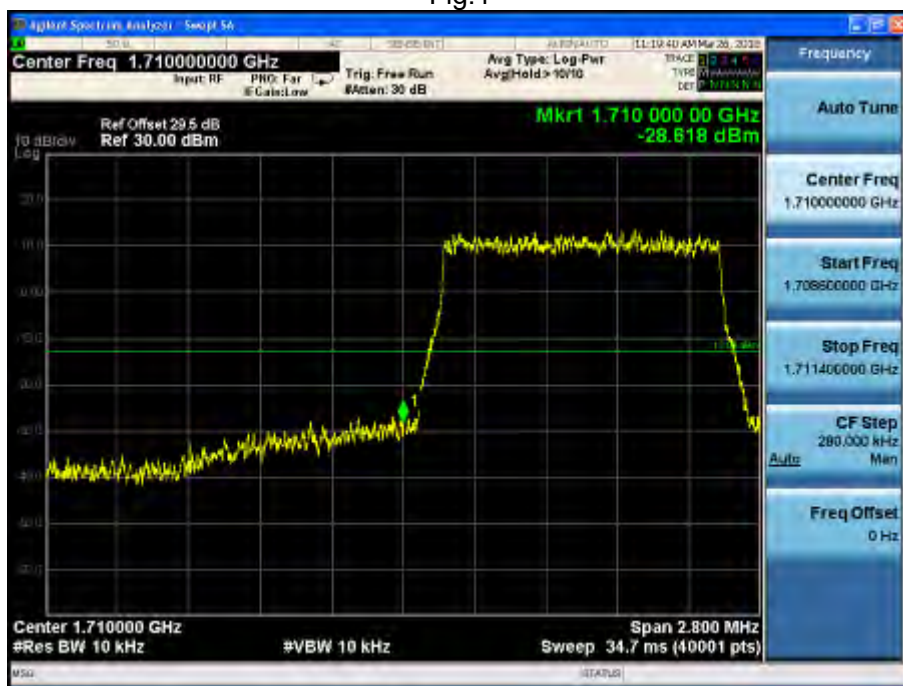


Fig.4

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
66	1779.3	132665	1.4	1	0	Fig.1
				6	0	Fig.4



Fig.1

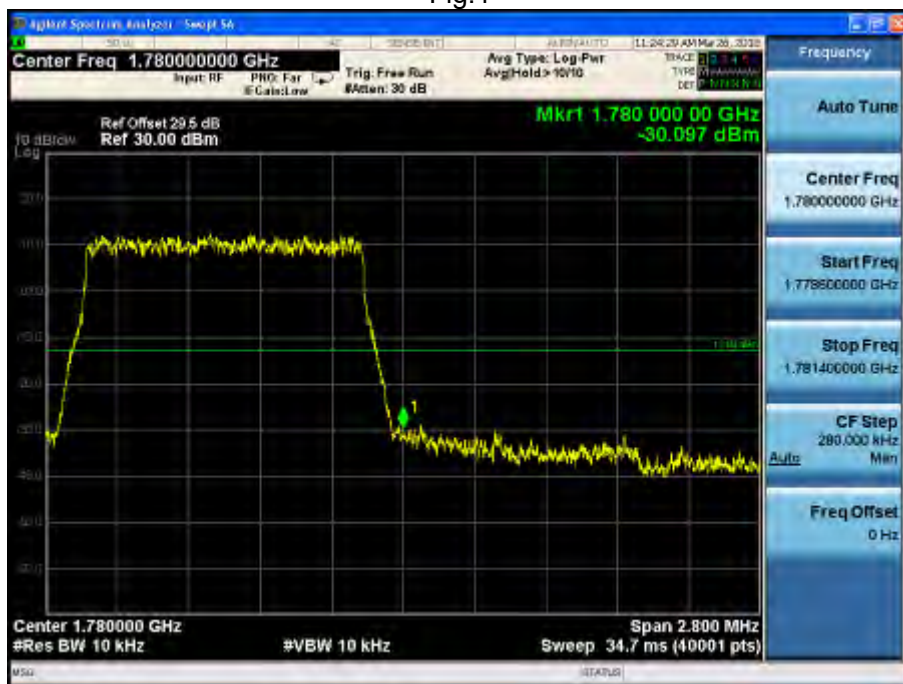


Fig.4

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
66	1711.5	131987	3	1	0	Fig.1
				15	0	Fig.4

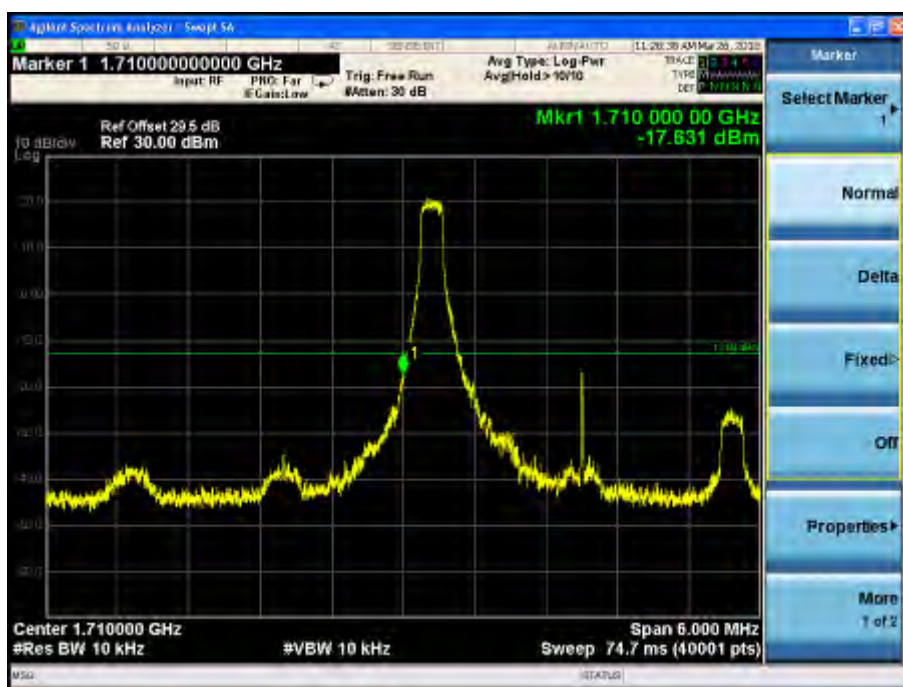


Fig.1

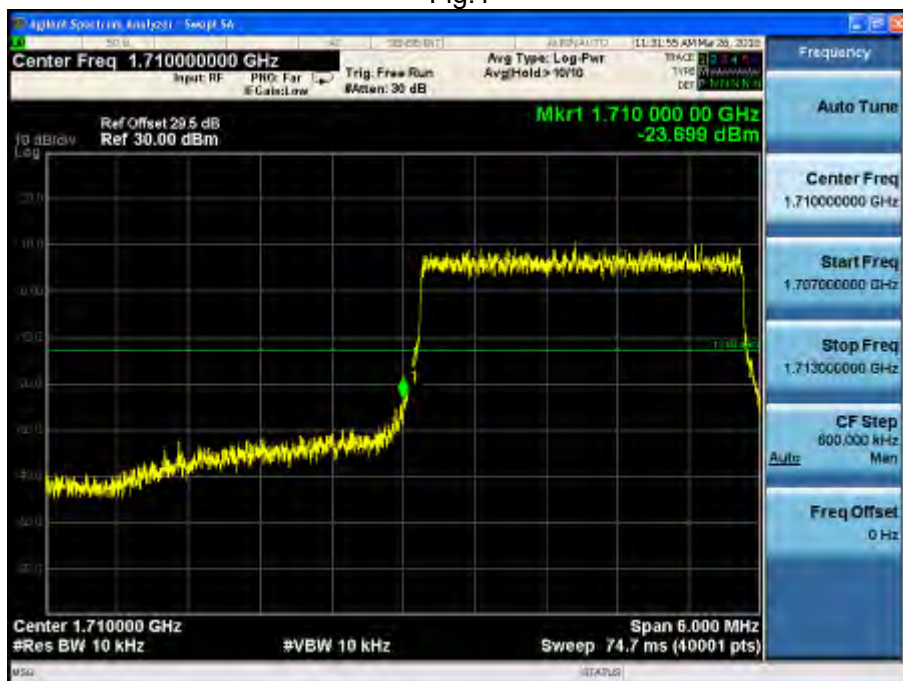


Fig.4

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
66	1778.5	132657	3	1	0	Fig.1
				15	0	Fig.4

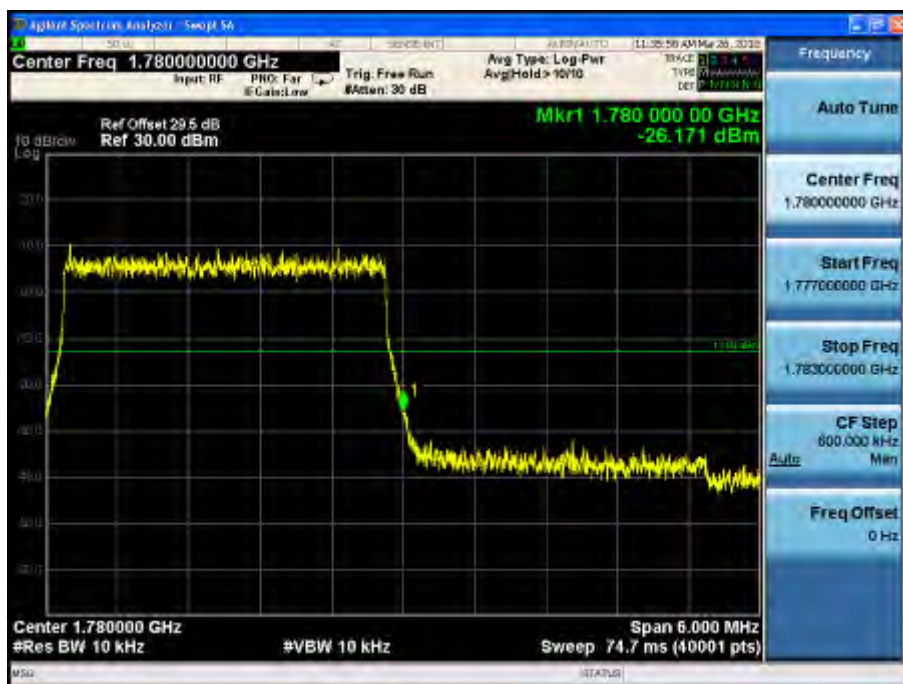


Fig.4

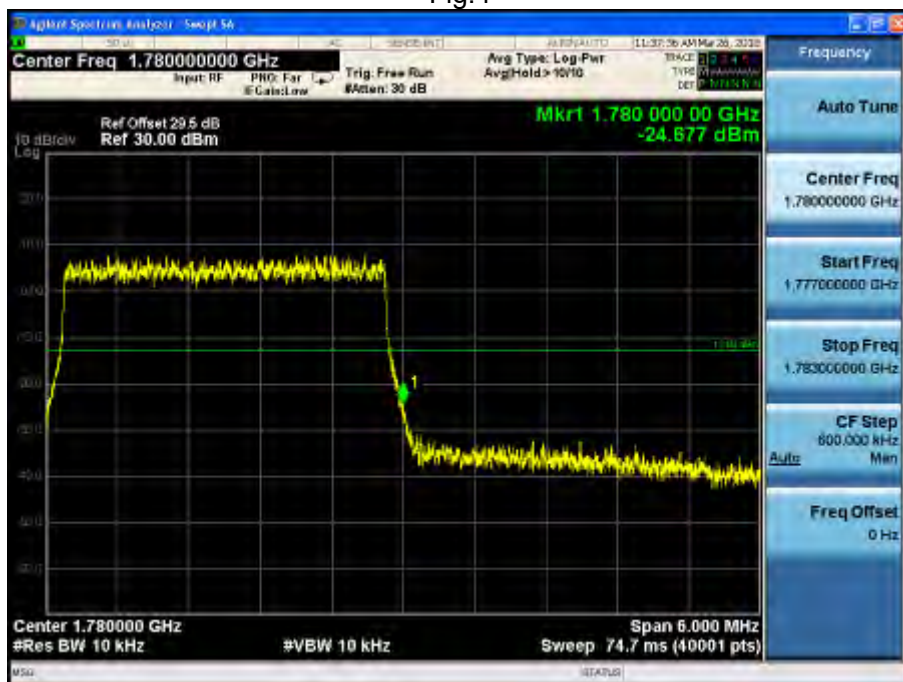


Fig.8

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
66	1712.5	131997	5	1	0	Fig.1
				25	0	Fig.4

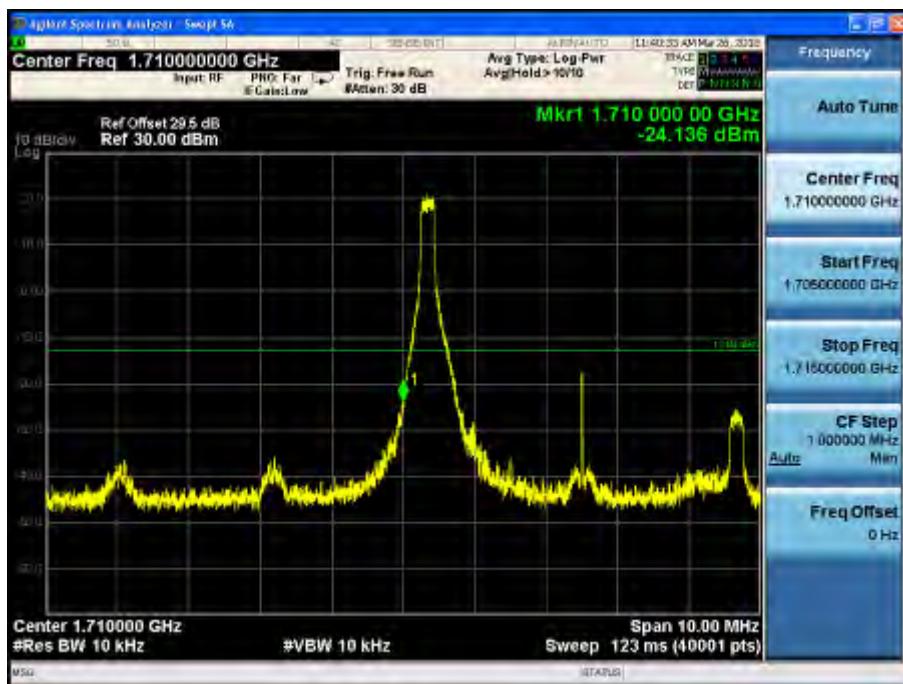


Fig.1

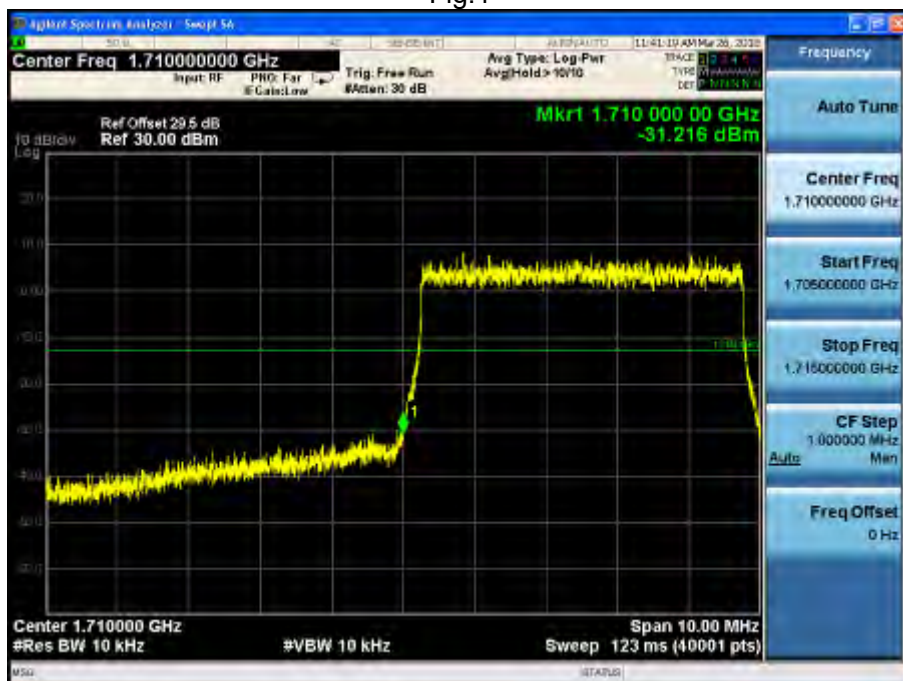


Fig.4

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
66	1777.5	132647	5	1	0	Fig.1
				25	0	Fig.4



Fig.1

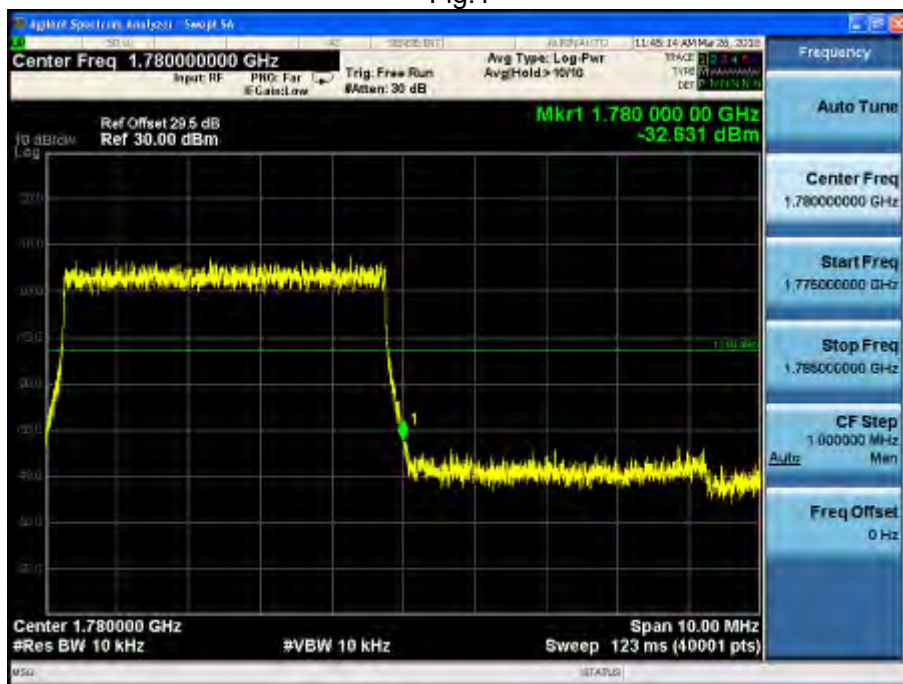


Fig.4

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
66	1715	132022	10	1	0	Fig.1
				50	0	Fig.4

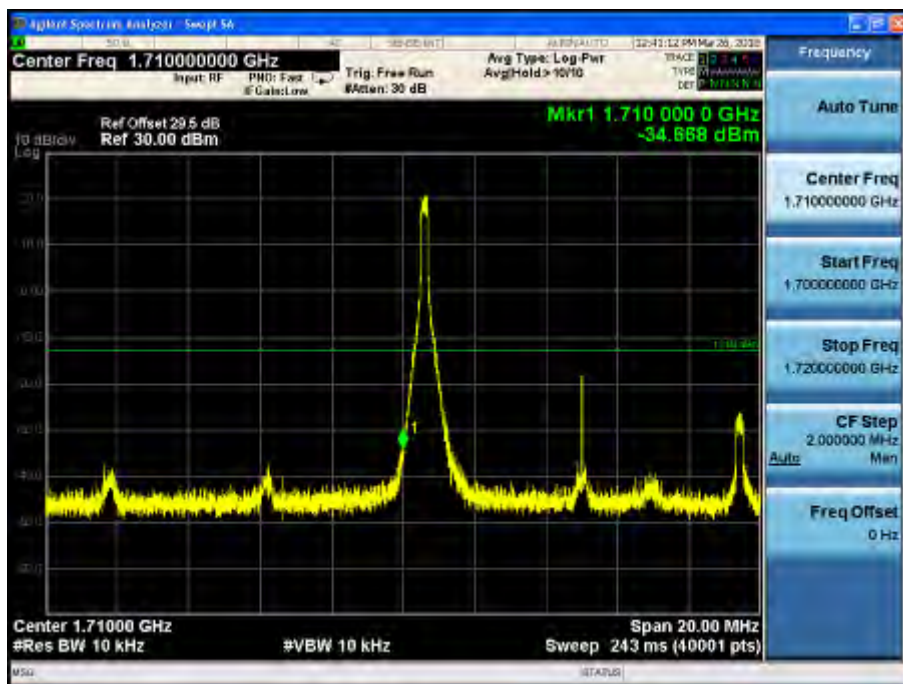


Fig.1

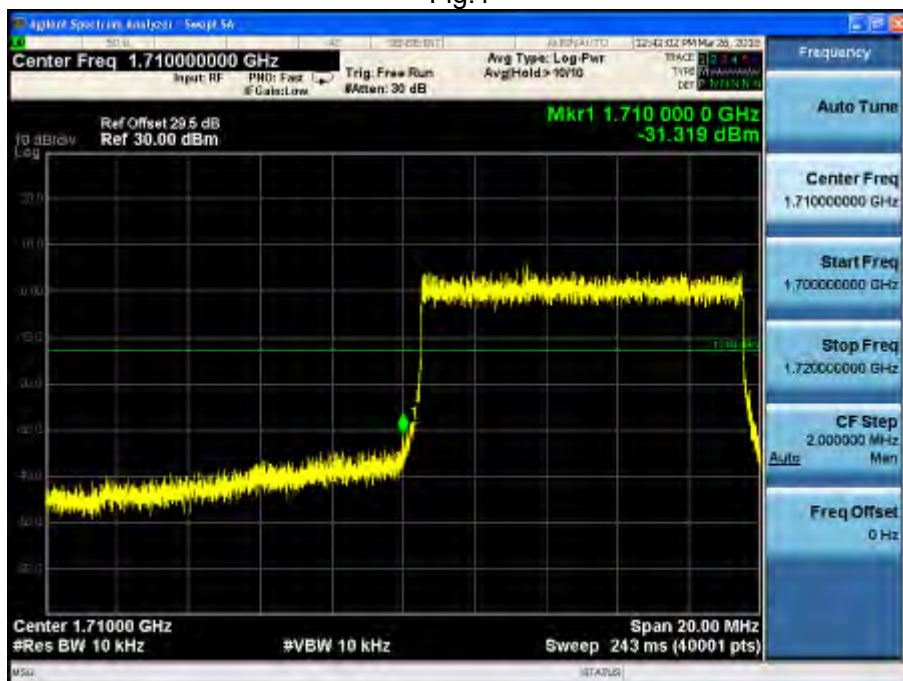


Fig.4

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
66	1775	132622	10	1	0	Fig.1
				50	0	Fig.4

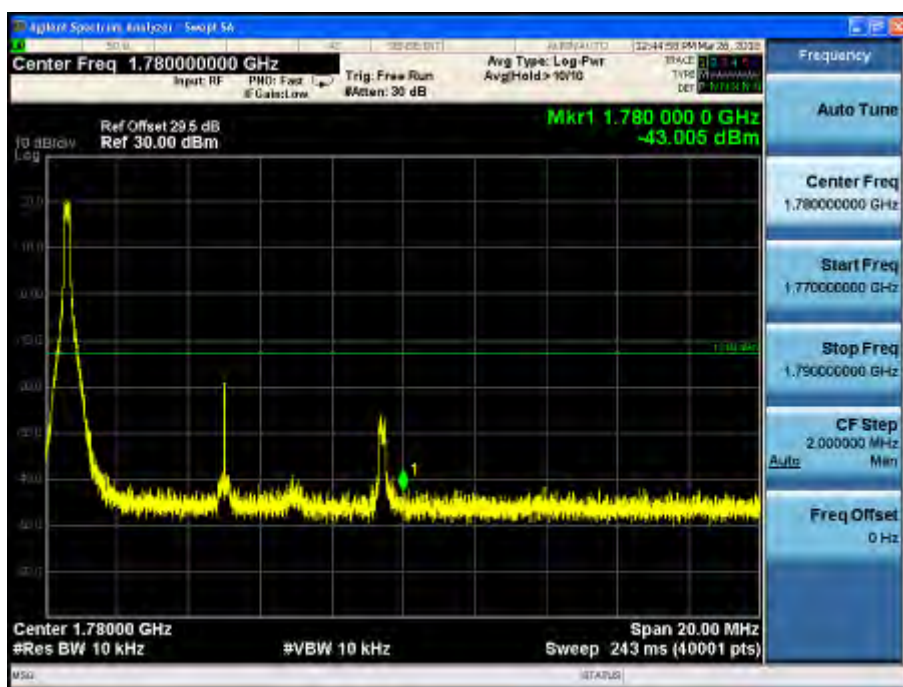


Fig.1

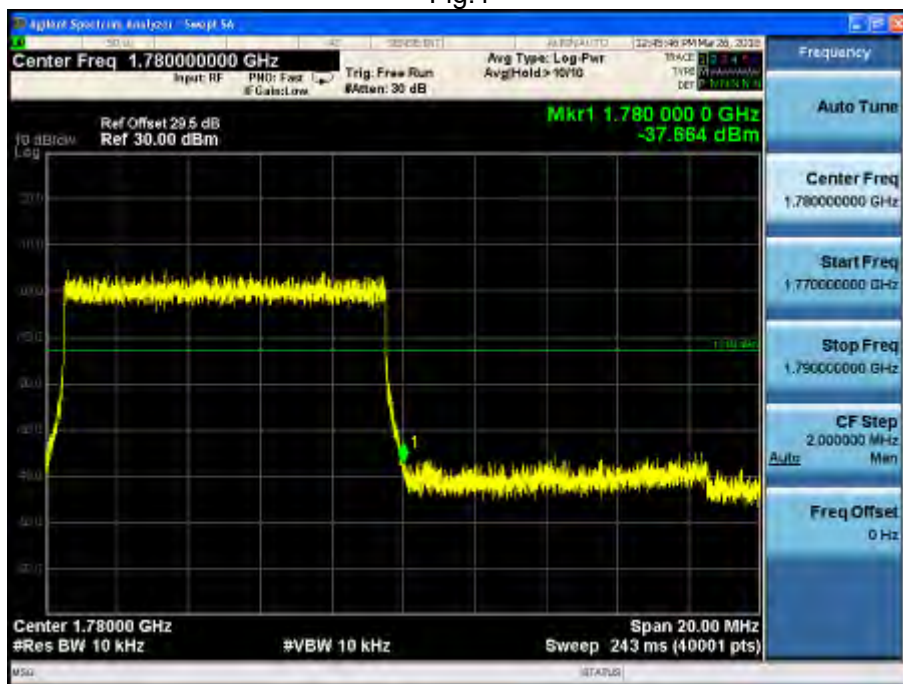


Fig.4

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
66	1717.5	132047	15	1	0	Fig.1
				75	0	Fig.4

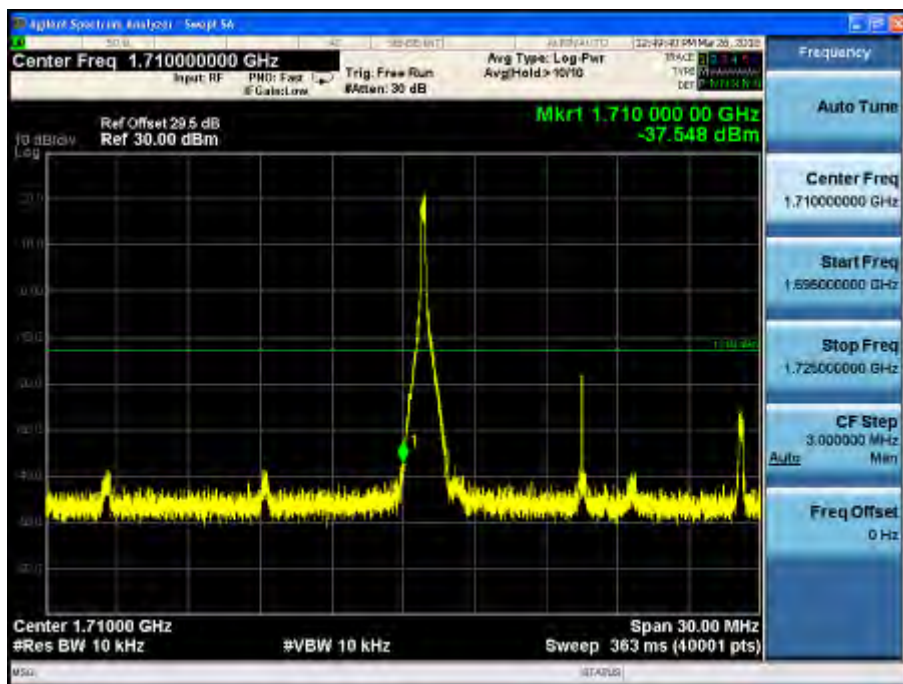


Fig.1

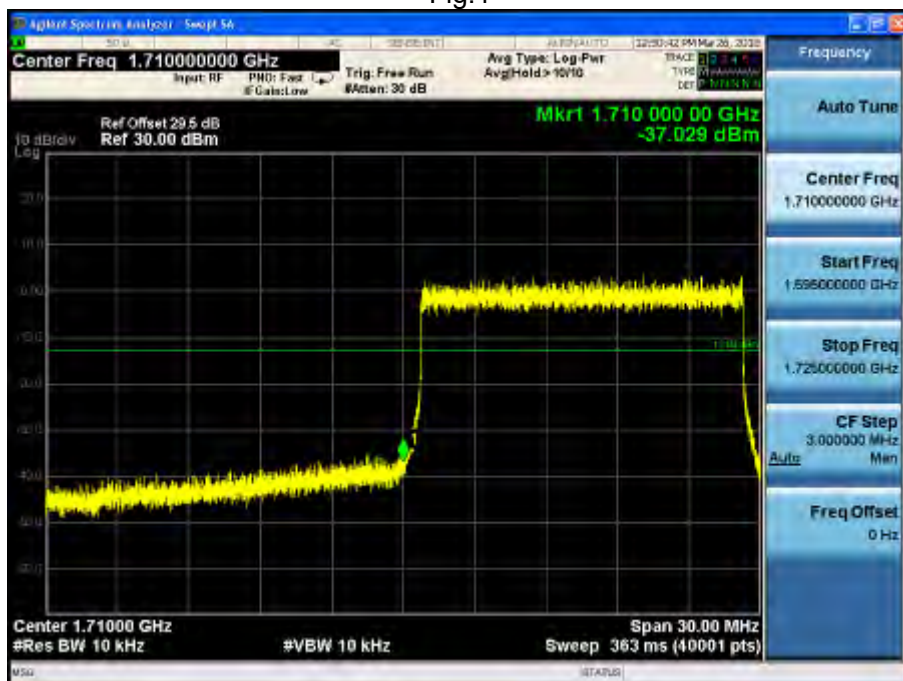


Fig.4

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
66	1772.5	132597	15	1	0	Fig.1
				75	0	Fig.4

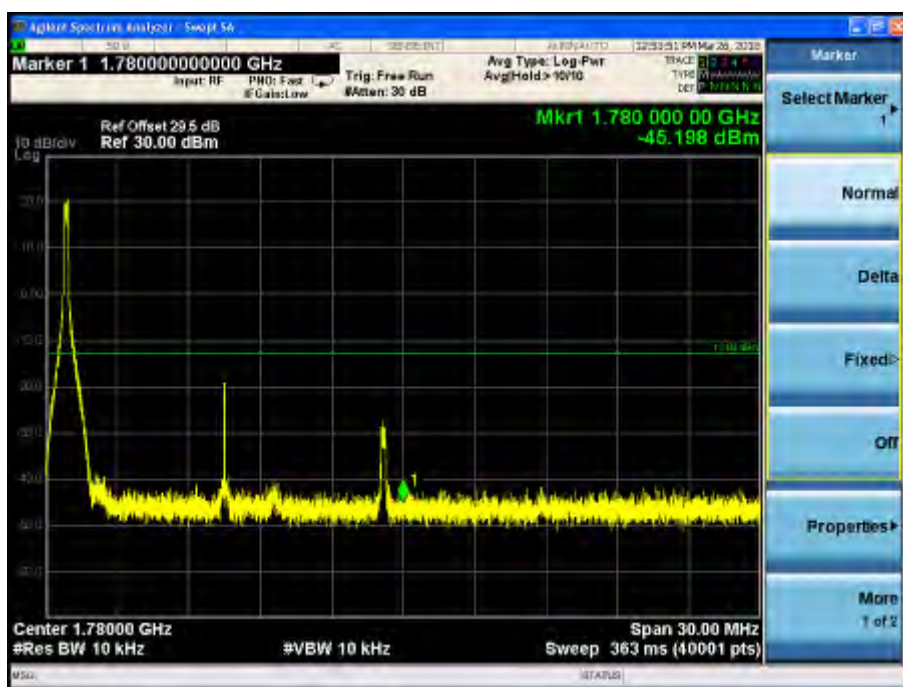


Fig.1



Fig.4

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
66	1720	132072	20	1	0	Fig.1
				100	0	Fig.4

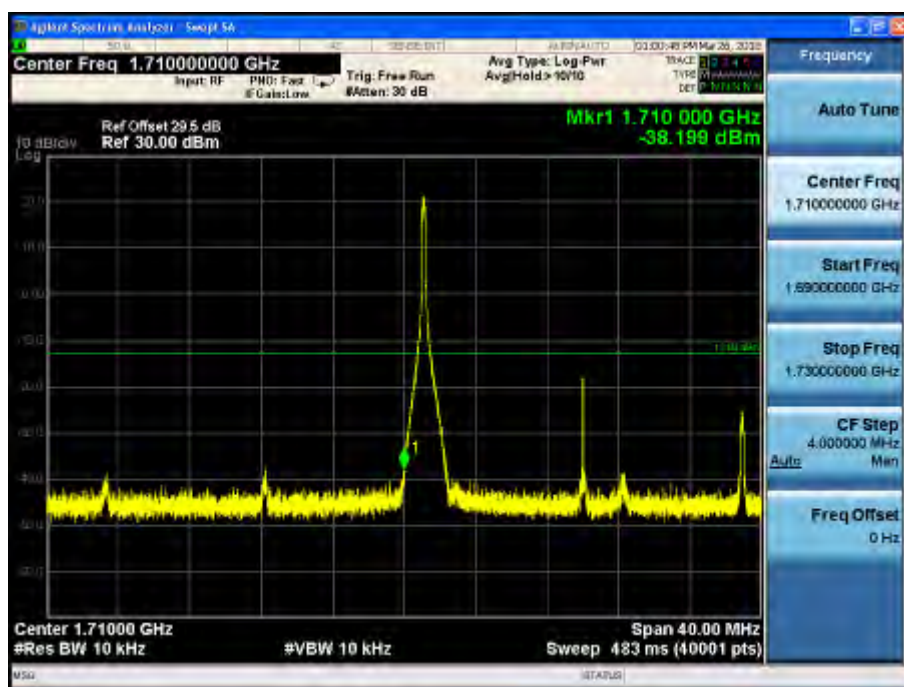


Fig.1

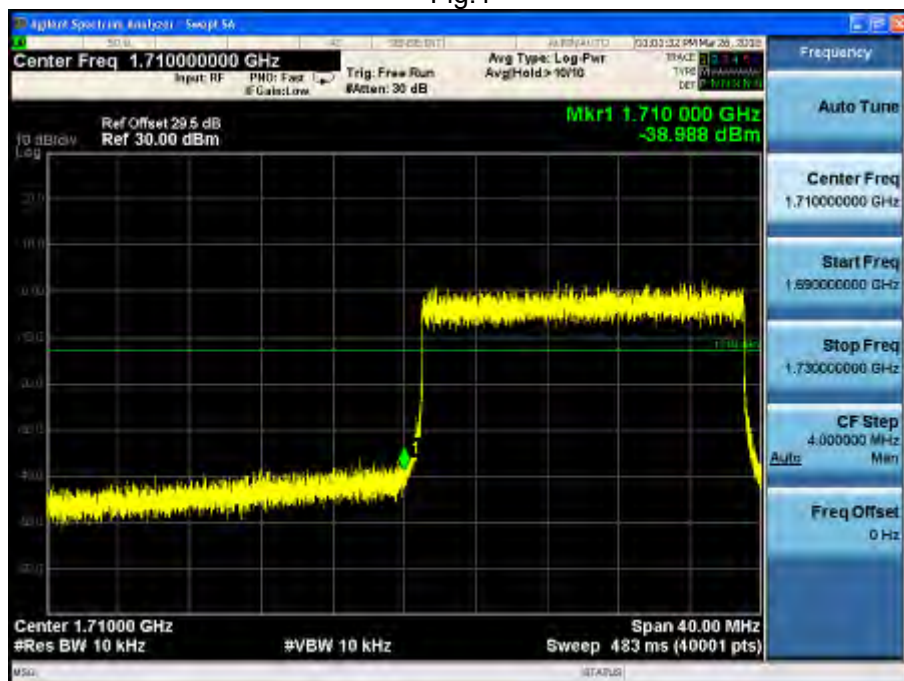


Fig.4

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
66	1770	132572	20	1	0	Fig.1
				100	0	Fig.4

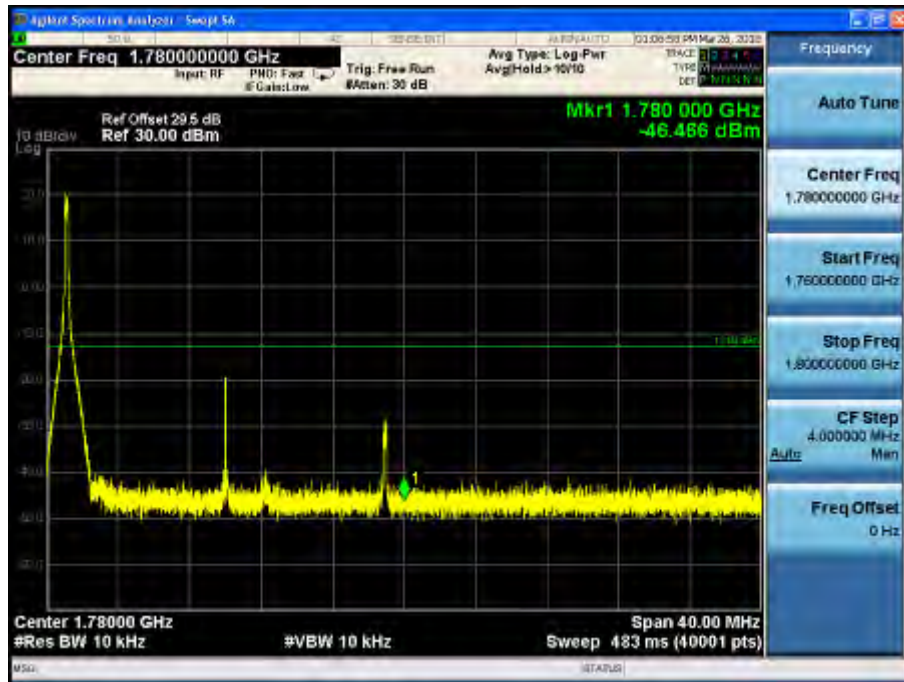


Fig.1

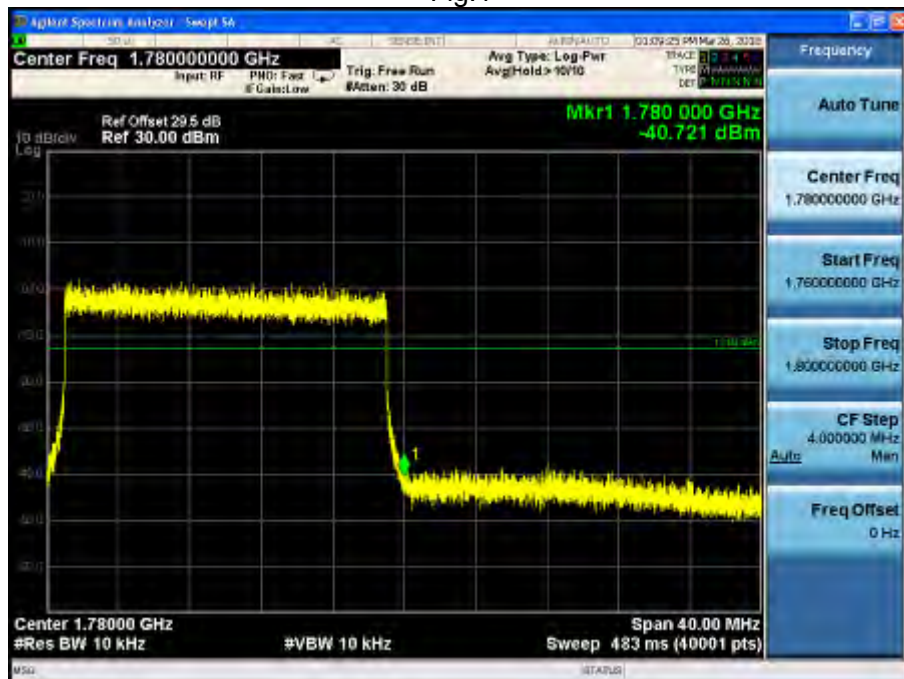


Fig.4

7 Frequency Stability

Test result:

Band	BW	Test Result (ppm)@NV		Test Result (ppm)@NT	
		Temperature(°C)		Voltage	
66	1.4	-30	0.005	LV	0.010
		-20	-0.002		
		-10	-0.002		
		0	0.016		
		10	0.024		
		20	-0.006	HV	0.001
		30	-0.011		
		40	-0.004		
		50	0.004		
		50	0.004		
	3	-30	0.005	LV	-0.002
		-20	-0.001		
		-10	0.004		
		0	-0.001		
		10	0.005		
		20	-0.012	HV	-0.002
		30	-0.003		
		40	-0.003		
		50	0.004		
		50	0.004		
	5	-30	-0.002	LV	0.000
		-20	-0.005		
		-10	-0.006		
		0	-0.002		
		10	-0.007		
		20	-0.002	HV	-0.001
		30	-0.002		
		40	-0.008		
		50	0.004		
		50	0.004		
	10	-30	-0.003	LV	-0.002
		-20	-0.005		
		-10	-0.001		
		0	-0.002		
		10	-0.005		
		20	0.002	HV	0.000
		30	-0.002		
		40	0.006		
		50	-0.001		
		50	-0.001		
	15	-30	-0.003	LV	-0.001
		-20	-0.003		
		-10	-0.011		
		0	0.000		



No.: SRTC2018-9004(F)-18030601(C)
FCC ID: 2AOYWH1A1000

		10	-0.002	HV	0.000
		20	0.001		
		30	-0.003		
		40	0.002		
		50	0.004		
	20	-30	-0.002	LV	-0.001
		-20	0.003		
		-10	-0.002		
		0	-0.005		
		10	-0.002		
		20	-0.002	HV	0.000
		30	-0.002		
		40	0.006		
		50	-0.005		



APPENDIX B – TEST DATA OF RADIATED EMISSION

LTE band 2 (20MHz)

Test result:

Channel 18615

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.58	-49.39	-13	Vertical
2776.76	-47.64	-13	Vertical
3726.11	-40.85	-13	Vertical
6676.11	-40.57	-13	Horizontal
9958.85	-37.60	-13	Vertical
17820.38	-33.83	-13	Vertical

Channel 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.67	-49.09	-13	Vertical
2779.06	-48.06	-13	Horizontal
3728.26	-40.55	-13	Horizontal
6678.31	-40.50	-13	Vertical
9962.73	-37.64	-13	Vertical
17822.07	-34.59	-13	Vertical

Channel 19175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.98	-49.56	-13	Vertical
2777.39	-48.24	-13	Vertical
3728.18	-40.57	-13	Vertical
6676.54	-39.93	-13	Vertical
9962.16	-37.17	-13	Horizontal
17821.39	-34.66	-13	Vertical

LTE band 4 (20MHz)

Test result:

Channel 19957

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.15	-48.74	-13	Vertical
2779.76	-47.80	-13	Vertical
3729.69	-40.36	-13	Vertical
6677.26	-40.58	-13	Horizontal
9960.48	-37.63	-13	Vertical
17823.49	-34.74	-13	Vertical

Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.92	-49.05	-13	Vertical
2779.63	-47.36	-13	Vertical
3729.20	-40.54	-13	Horizontal
6678.56	-40.24	-13	Vertical
9962.02	-37.33	-13	Vertical
17821.50	-33.91	-13	Vertical

Channel 20393

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.45	-49.45	-13	Vertical
2776.99	-47.51	-13	Horizontal
3727.20	-40.64	-13	Vertical
6677.62	-40.48	-13	Vertical
9961.64	-37.68	-13	Vertical
17824.12	-34.72	-13	Vertical



LTE band 5 (10MHz)

Test result:
Channel 20400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.89	-53.02	-13	Vertical
1666.65	-51.21	-13	Vertical
2535.02	-44.51	-13	Vertical
2575.20	-43.77	-13	Horizontal
8961.93	-39.58	-13	Vertical
9970.08	-35.86	-13	Vertical

Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.76	-52.18	-13	Vertical
1665.61	-51.25	-13	Vertical
2533.02	-43.61	-13	Horizontal
2575.43	-44.16	-13	Horizontal
8963.68	-39.46	-13	Vertical
9970.09	-36.13	-13	Vertical

Channel 20649

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.60	-52.14	-13	Vertical
1665.28	-51.50	-13	Vertical
2536.31	-44.18	-13	Horizontal
2574.71	-44.03	-13	Vertical
8962.36	-39.41	-13	Vertical
9969.08	-36.22	-13	Vertical

LTE band 7 (20MHz)

Test result:

Channel 20775

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.32	-49.34	-13	Vertical
2776.82	-47.69	-13	Vertical
3729.50	-40.37	-13	Vertical
6677.56	-39.80	-13	Horizontal
9960.31	-37.58	-13	Vertical
17822.91	-34.68	-13	Vertical

Channel 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.58	-49.06	-13	Vertical
2777.81	-47.93	-13	Vertical
3728.78	-40.65	-13	Horizontal
6678.13	-39.90	-13	Horizontal
9961.02	-37.45	-13	Vertical
17822.97	-34.82	-13	Vertical

Channel 21350

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.76	-49.32	-13	Vertical
2779.16	-47.83	-13	Vertical
3729.38	-40.48	-13	Horizontal
6676.12	-40.21	-13	Vertical
9961.48	-37.56	-13	Vertical
17822.21	-34.19	-13	Vertical

LTE band 12 (10MHz)

Test result:

Channel 23000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.49	-53.00	-13	Vertical
1666.78	-51.27	-13	Vertical
2534.33	-44.32	-13	Vertical
2577.27	-44.16	-13	Horizontal
8962.75	-39.52	-13	Vertical
9971.63	-36.37	-13	Vertical

Channel 23090

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1645.87	-52.48	-13	Vertical
1665.04	-51.24	-13	Vertical
2535.07	-44.24	-13	Horizontal
2576.84	-43.85	-13	Vertical
8962.58	-39.98	-13	Vertical
9971.13	-36.56	-13	Vertical

Channel 23179

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.25	-52.95	-13	Vertical
1666.75	-50.79	-13	Horizontal
2533.21	-43.69	-13	Vertical
2575.09	-44.07	-13	Vertical
8964.81	-39.80	-13	Vertical
9968.31	-35.91	-13	Vertical

LTE band 13 (5MHz)

Test result:

Channel 23205

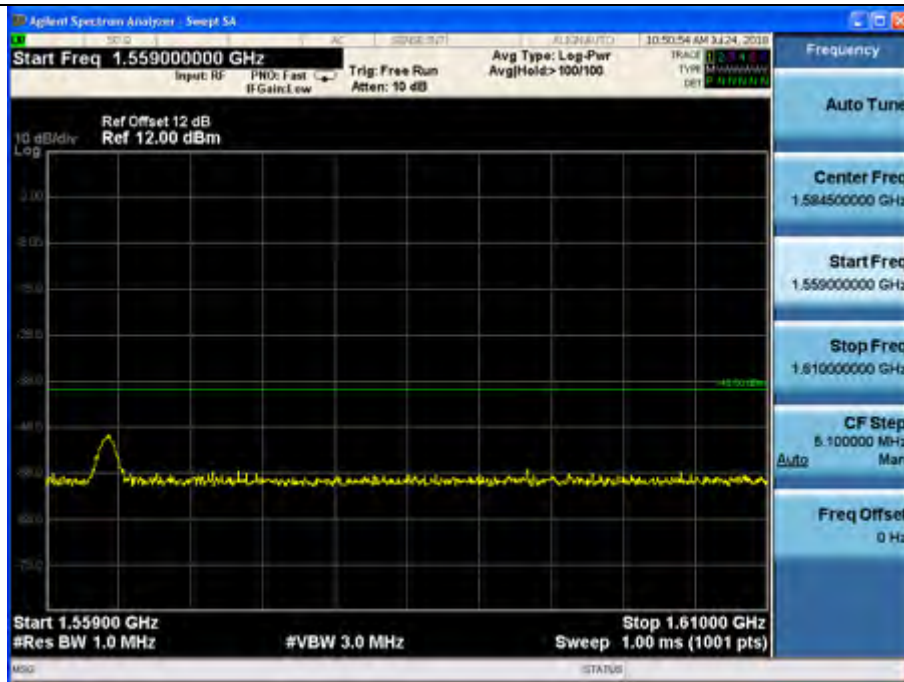
Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.10	-52.75	-13	Vertical
1666.69	-50.55	-13	Vertical
2534.65	-43.77	-13	Vertical
2577.06	-44.00	-13	Horizontal
8961.75	-39.69	-13	Vertical
9972.07	-35.98	-13	Vertical

Channel 23230

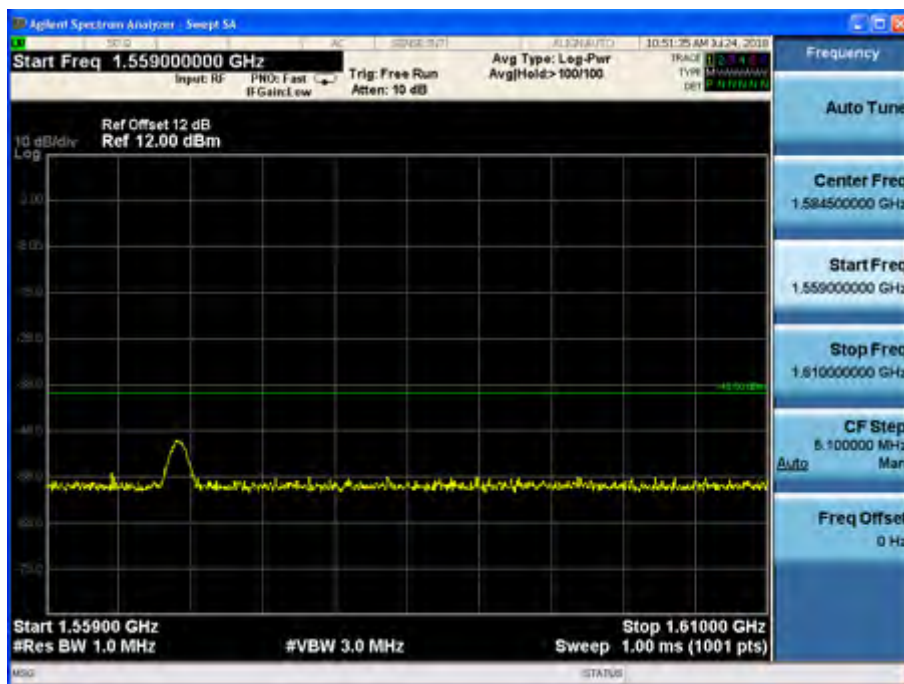
Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.45	-53.03	-13	Vertical
1666.95	-51.22	-13	Vertical
2535.89	-44.21	-13	Horizontal
2574.64	-43.46	-13	Horizontal
8963.55	-39.56	-13	Vertical
9971.06	-36.68	-13	Vertical

Channel 23255

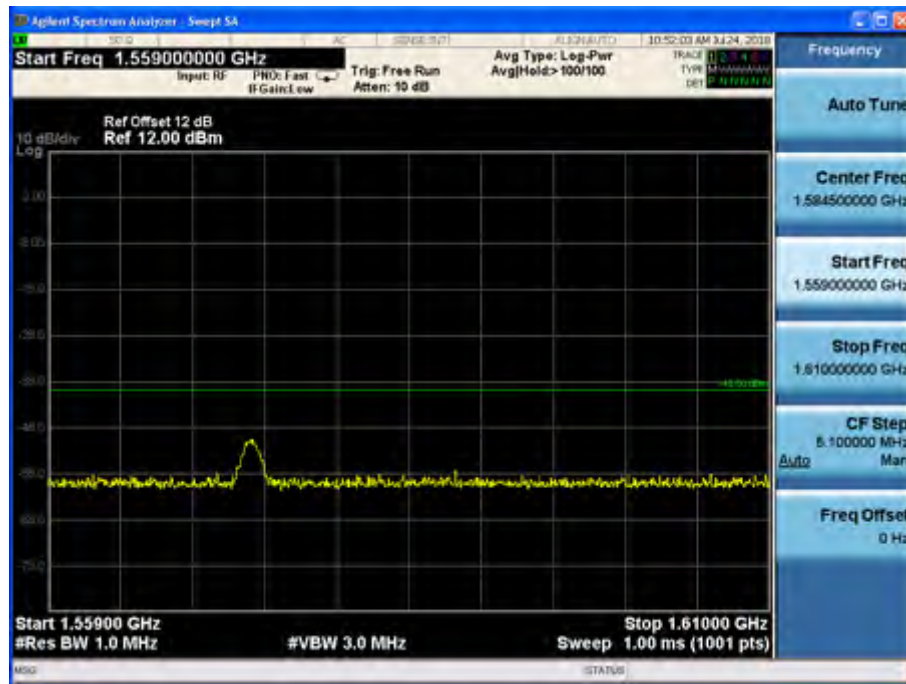
Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.45	-52.67	-13	Vertical
1668.72	-50.93	-13	Vertical
2535.50	-44.10	-13	Horizontal
2574.85	-44.15	-13	Vertical
8963.54	-39.93	-13	Vertical
9970.20	-36.59	-13	Vertical



CH23205 BW=5MHz, RB=1



CH23230 BW=5MHz, RB=1



CH23255 BW=5MHz, RB=1

LTE band 17 (5MHz)

Test result:

Channel 23730

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.90	-52.57	-13	Vertical
1665.37	-51.36	-13	Vertical
2535.48	-43.90	-13	Vertical
2576.33	-43.48	-13	Horizontal
8962.32	-40.25	-13	Vertical
9969.84	-36.21	-13	Vertical

Channel 23790

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.10	-52.30	-13	Vertical
1668.40	-51.10	-13	Vertical
2532.56	-44.44	-13	Horizontal
2573.36	-43.41	-13	Vertical
8962.91	-39.60	-13	Vertical
9968.93	-35.96	-13	Vertical

Channel 23849

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.70	-52.36	-13	Vertical
1666.59	-51.24	-13	Horizontal
2535.19	-43.96	-13	Vertical
2576.30	-44.08	-13	Vertical
8964.90	-40.02	-13	Vertical
9969.75	-35.93	-13	Vertical

LTE band 25 (20MHz)

Test result:

Channel 26065

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.57	-48.98	-13	Vertical
2780.16	-47.38	-13	Vertical
3726.39	-40.85	-13	Vertical
6676.93	-39.64	-13	Horizontal
9961.40	-37.27	-13	Vertical
17820.36	-33.95	-13	Vertical

Channel 26365

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.86	-49.41	-13	Vertical
2779.76	-47.38	-13	Vertical
3727.59	-40.21	-13	Horizontal
6679.17	-40.22	-13	Horizontal
9961.01	-37.31	-13	Vertical
17823.95	-34.31	-13	Vertical

Channel 26665

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.67	-49.41	-13	Vertical
2776.33	-48.15	-13	Vertical
3729.21	-40.59	-13	Horizontal
6678.80	-39.98	-13	Vertical
9959.55	-37.63	-13	Vertical
17820.76	-34.28	-13	Vertical

LTE band 30 (10MHz)

Test result:

Channel 27710

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.06	-48.97	-13	Vertical
2779.60	-47.79	-13	Vertical
3729.34	-40.32	-13	Vertical
6677.28	-39.79	-13	Horizontal
9962.59	-37.04	-13	Vertical
17823.42	-34.39	-13	Vertical

Channel 27710

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.46	-49.32	-13	Vertical
2779.05	-48.27	-13	Vertical
3727.81	-40.65	-13	Horizontal
6679.16	-40.16	-13	Horizontal
9958.93	-37.66	-13	Vertical
17823.95	-34.74	-13	Vertical

Channel 27710

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.88	-49.04	-13	Vertical
2777.34	-47.65	-13	Vertical
3729.68	-40.90	-13	Horizontal
6678.94	-39.75	-13	Vertical
9961.72	-37.78	-13	Vertical
17820.77	-34.61	-13	Vertical

LTE band 38 (15MHz)

Test result:

Channel 37850

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.66	-49.42	-13	Vertical
2777.85	-47.43	-13	Vertical
3727.94	-40.60	-13	Vertical
6678.28	-40.42	-13	Horizontal
9958.95	-37.03	-13	Vertical
17823.74	-34.63	-13	Vertical

Channel 38000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.61	-48.93	-13	Vertical
2777.17	-48.19	-13	Vertical
3727.80	-40.84	-13	Horizontal
6678.05	-40.14	-13	Horizontal
9961.09	-37.27	-13	Vertical
17820.88	-33.90	-13	Vertical

Channel 38150

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.11	-48.88	-13	Vertical
2778.32	-47.92	-13	Vertical
3727.33	-40.09	-13	Horizontal
6677.54	-40.52	-13	Vertical
9961.70	-36.84	-13	Vertical
17821.98	-34.21	-13	Vertical

LTE band 41 (5MHz)

Test result:

Channel 27235

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.31	-49.11	-13	Vertical
2778.45	-47.99	-13	Horizontal
3728.36	-40.30	-13	Vertical
6678.48	-40.34	-13	Horizontal
9961.57	-37.24	-13	Vertical
17822.77	-34.09	-13	Vertical

Channel 40620

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.04	-49.43	-13	Vertical
2778.06	-48.09	-13	Vertical
3726.89	-40.60	-13	Horizontal
6678.04	-40.42	-13	Vertical
9960.05	-37.71	-13	Vertical
17823.61	-34.76	-13	Vertical

Channel 41490

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.36	-49.42	-13	Vertical
2776.62	-47.33	-13	Vertical
3729.81	-40.63	-13	Horizontal
6678.46	-40.40	-13	Vertical
9961.98	-37.32	-13	Horizontal
17822.57	-34.74	-13	Vertical



LTE band 66 (20MHz)

Test result:
Channel 131972

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.90	-49.15	-13	Vertical
2778.46	-47.51	-13	Vertical
3725.88	-40.78	-13	Vertical
6676.57	-39.65	-13	Horizontal
9960.21	-37.77	-13	Vertical
17822.09	-34.52	-13	Vertical

Channel 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.89	-49.35	-13	Vertical
2778.26	-47.68	-13	Vertical
3726.97	-40.83	-13	Horizontal
6679.55	-40.24	-13	Horizontal
9958.86	-36.84	-13	Vertical
17823.80	-34.49	-13	Vertical

Channel 132671

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.38	-48.69	-13	Vertical
2779.84	-48.03	-13	Vertical
3728.01	-40.47	-13	Horizontal
6675.71	-39.66	-13	Vertical
9961.26	-37.13	-13	Vertical
17822.49	-34.69	-13	Vertical