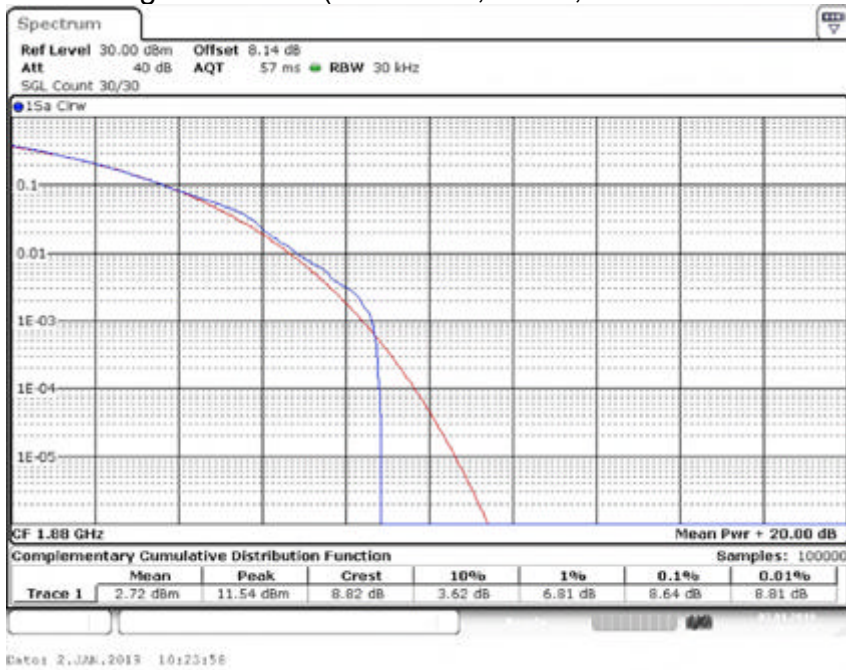
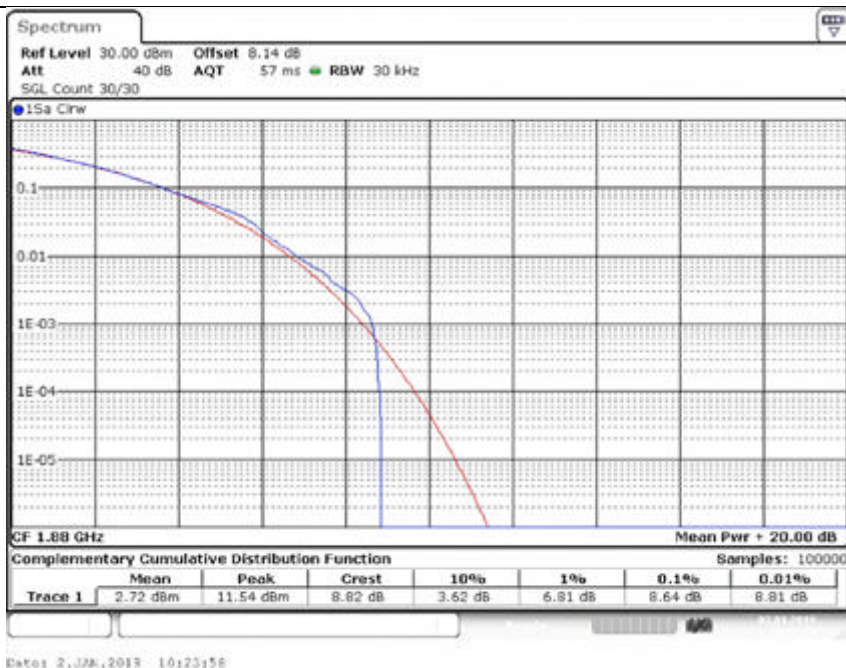


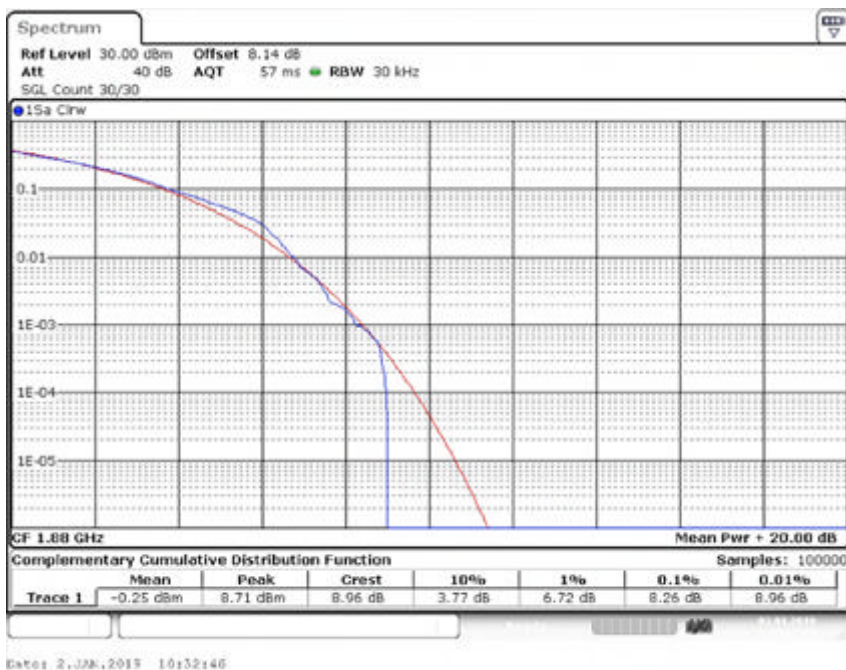
Peak-Average Ratio Plot(5MHz BW,QPSK,Band 2-mid Channel)



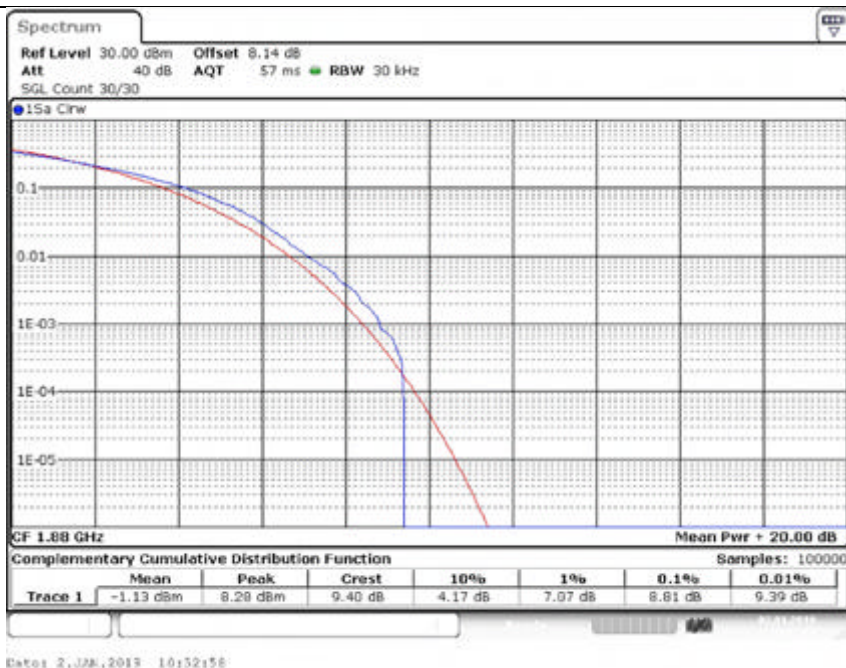
Peak-Average Ratio Plot(5MHz BW,16QAM,Band 2-mid Channel)



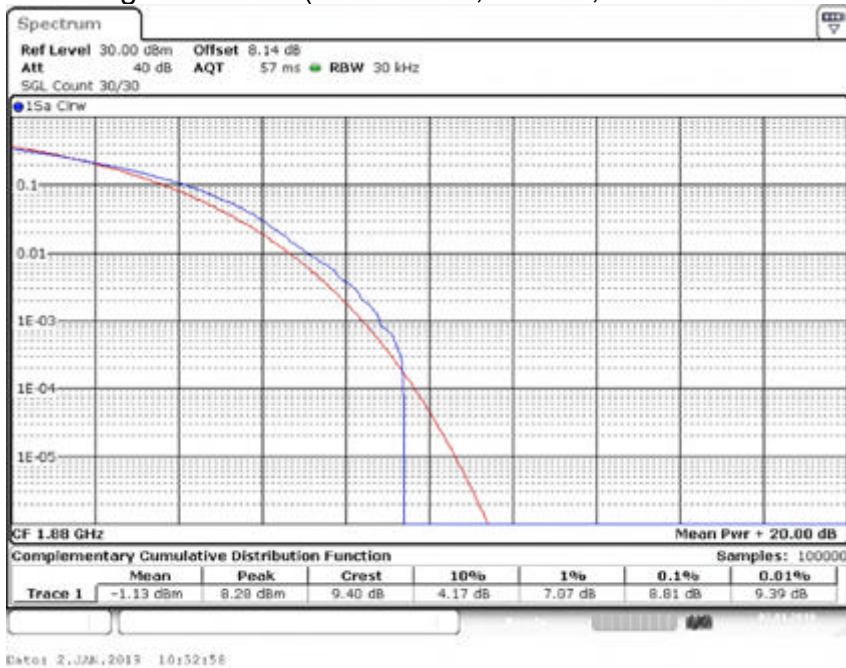
Peak-Average Ratio Plot(5MHz BW,64QAM,Band 2-mid Channel)



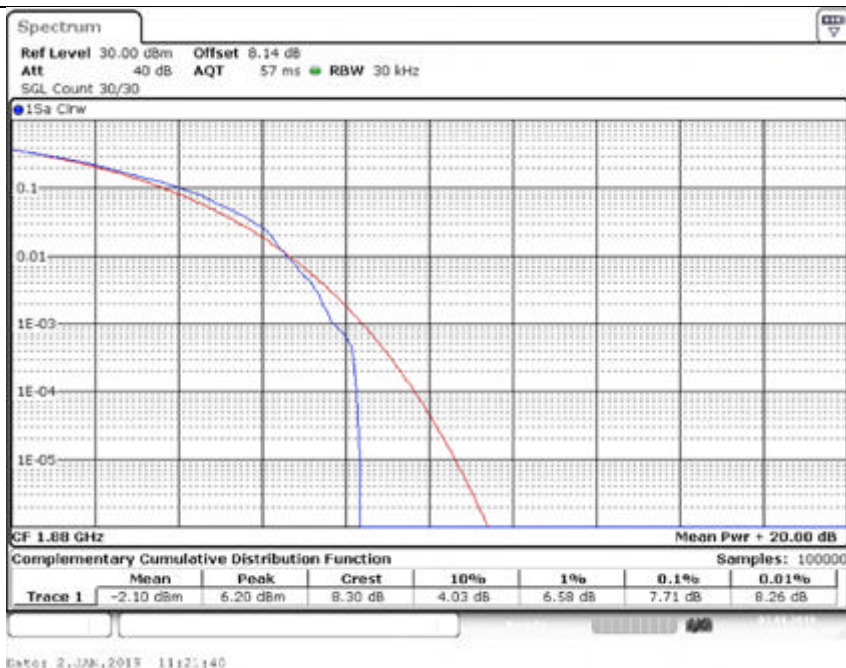
Peak-Average Ratio Plot(10MHz BW,QPSK,Band 2-mid Channel)



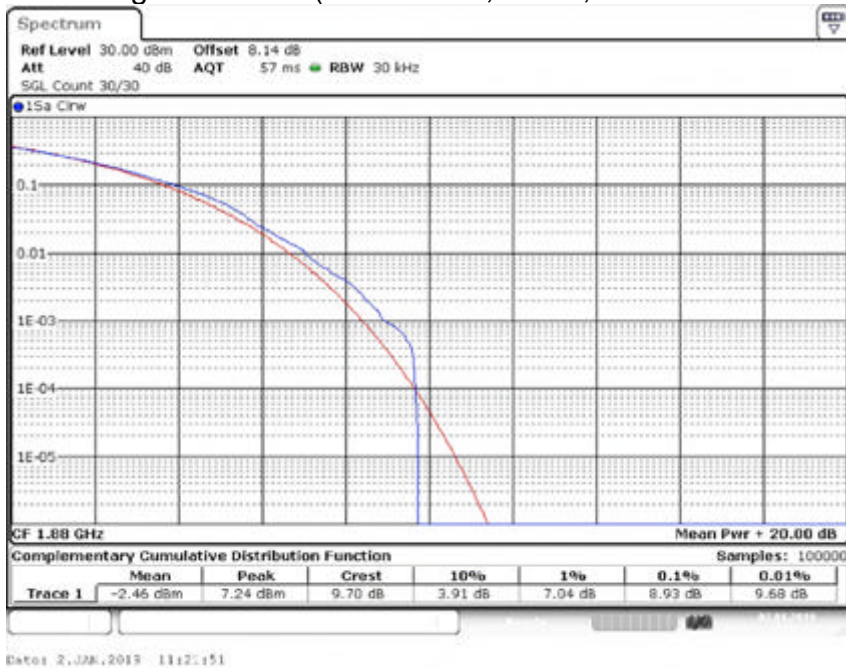
Peak-Average Ratio Plot(10MHz BW,16QAM,Band 2-mid Channel)



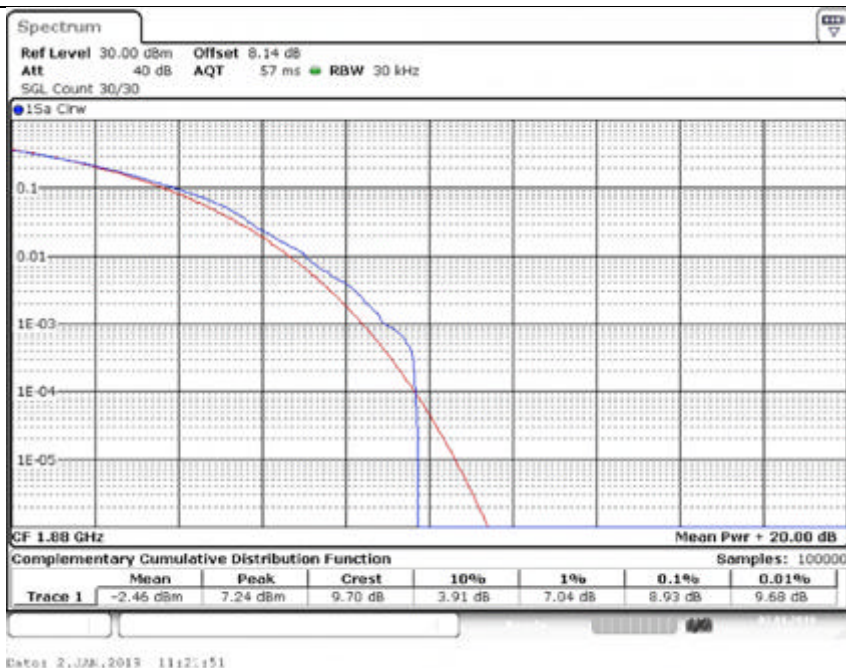
Peak-Average Ratio Plot(10MHz BW,64QAM,Band 2-mid Channel)



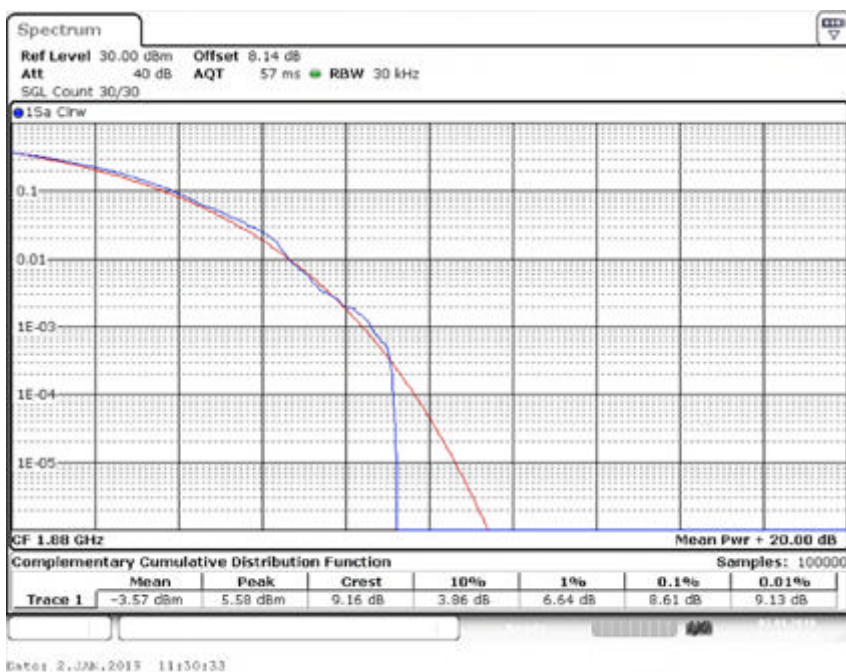
Peak-Average Ratio Plot(15MHz BW,QPSK,Band 2-mid Channel)



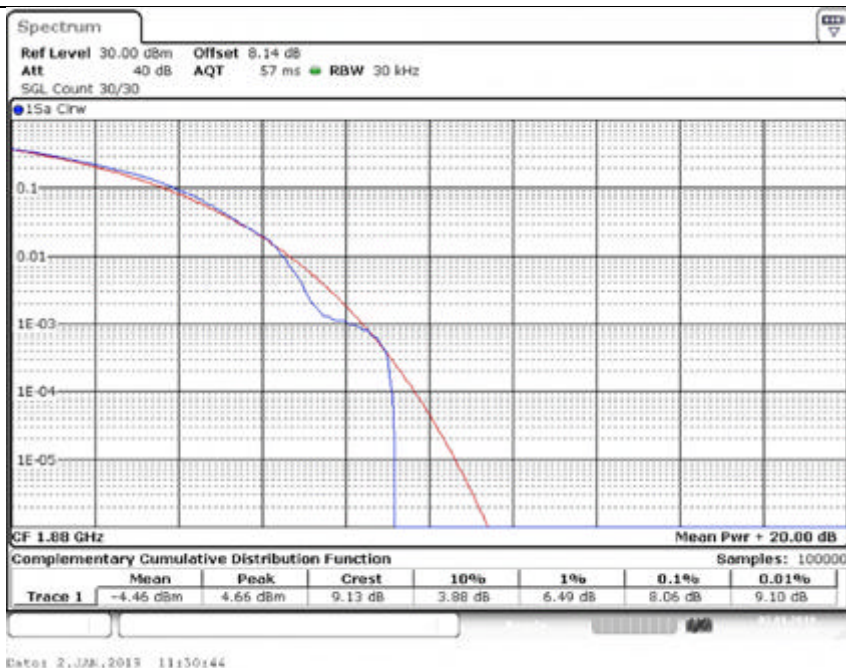
Peak-Average Ratio Plot(15MHz BW,16QAM,Band 2-mid Channel)



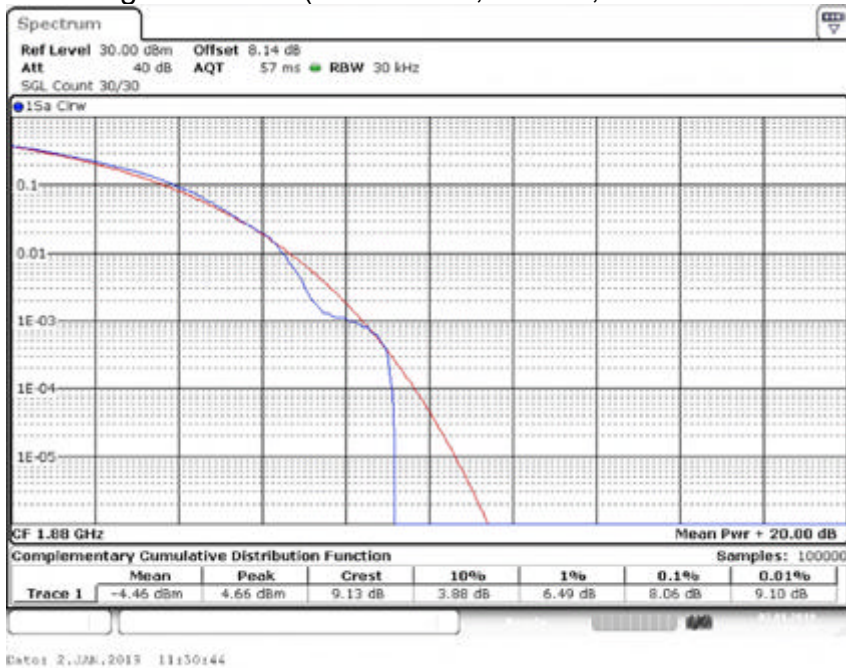
Peak-Average Ratio Plot(15MHz BW,64QAM,Band 2-mid Channel)



Peak-Average Ratio Plot(20MHz BW,QPSK,Band 2-mid Channel)



Peak-Average Ratio Plot(20MHz BW,16QAM,Band 2-mid Channel)



Peak-Average Ratio Plot(20MHz BW,64QAM,Band 2-mid Channel)

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
2	1860	18700	20	1	0	Fig.1

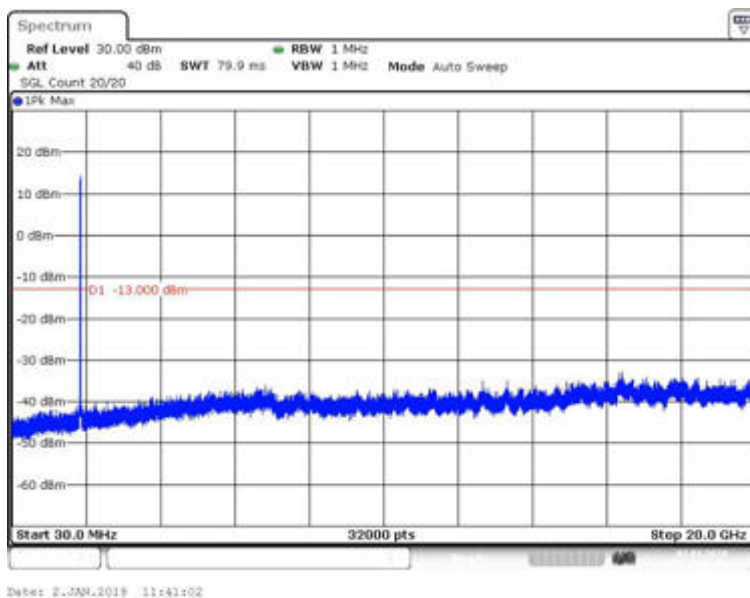


Fig.1

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
2	1880	18900	20	1	0	Fig.1

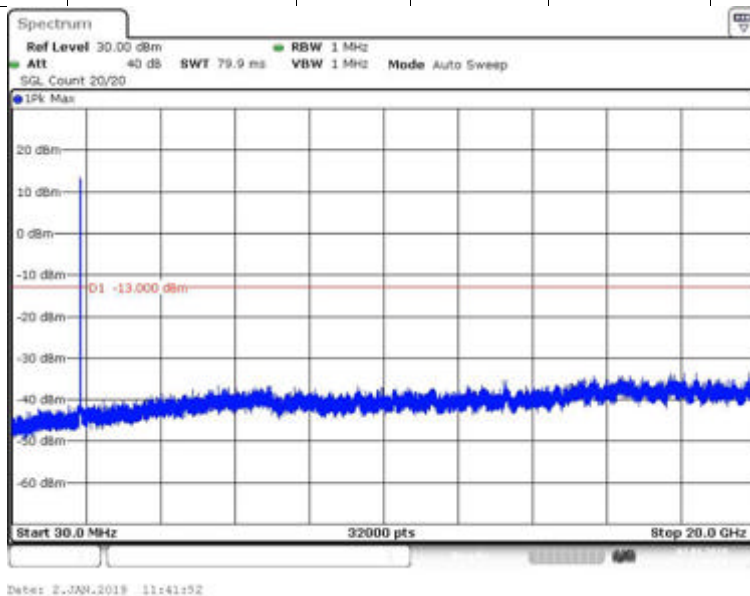


Fig.1

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
2	1900	19100	20	1	0	Fig.1

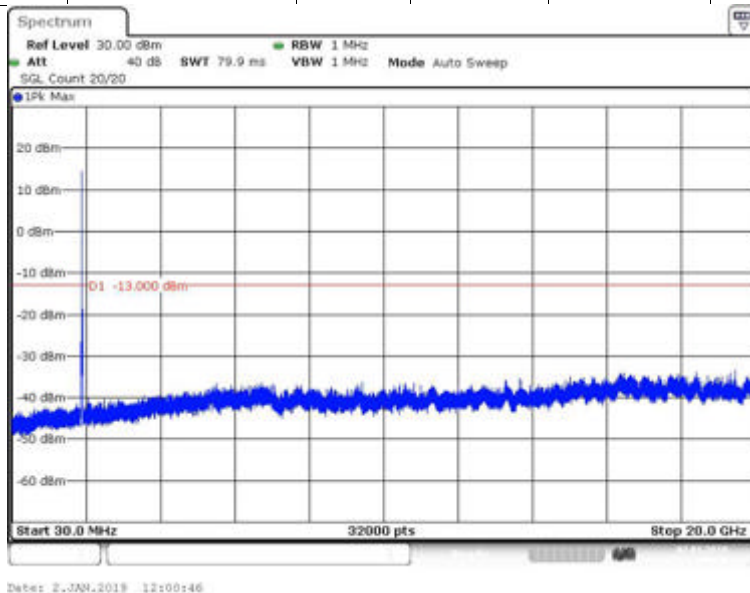


Fig.1

6 Band Edges Compliance

Test result

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
2	1850.7	18607	1.4	1	0	Fig.1
				6	0	Fig.4

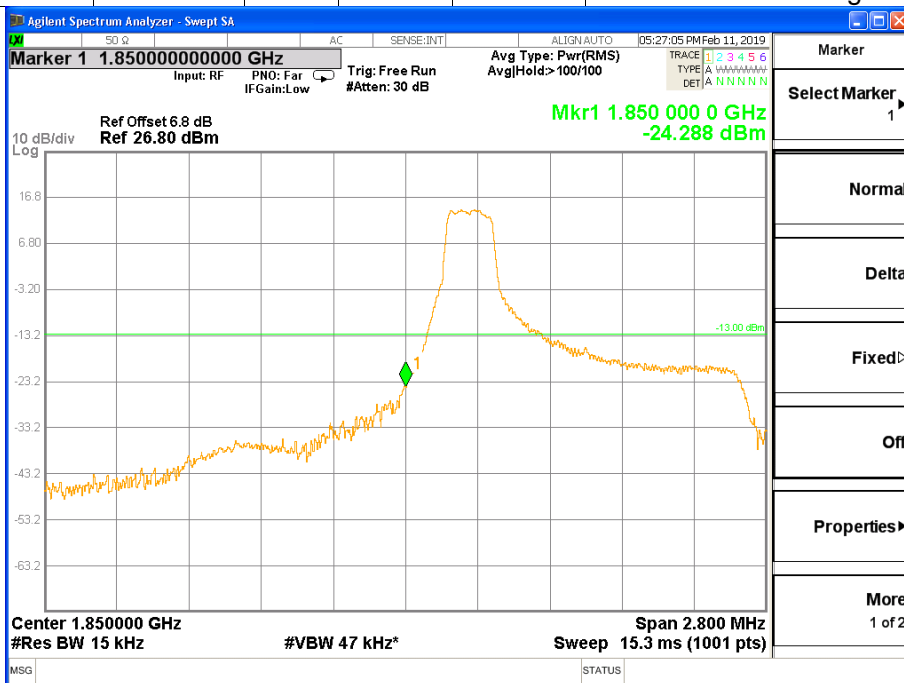


Fig.1

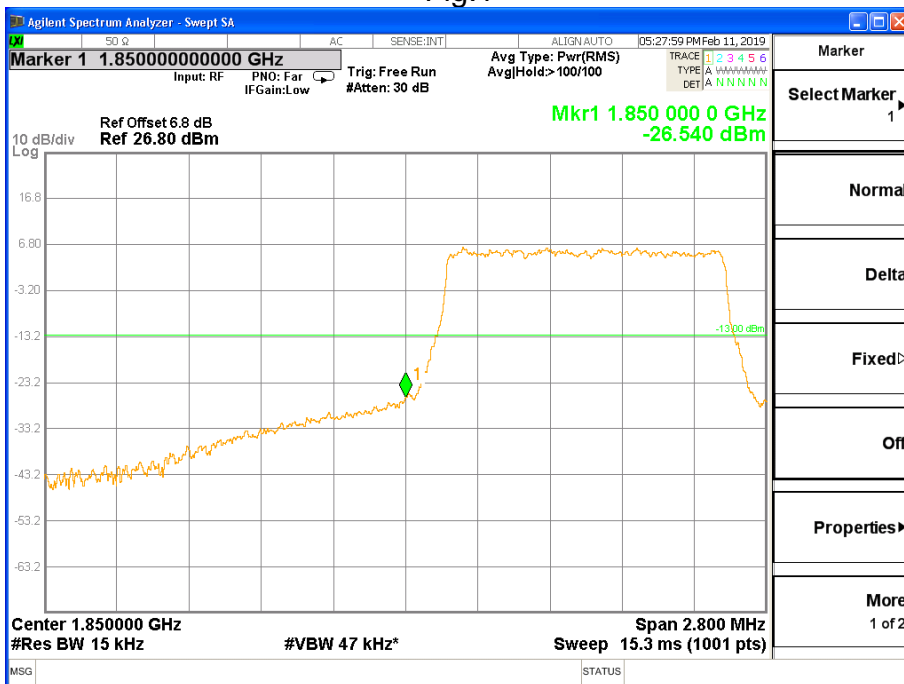


Fig.4

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
2	1909.3	19193	1.4	1	0	Fig.1
				6	0	Fig.4

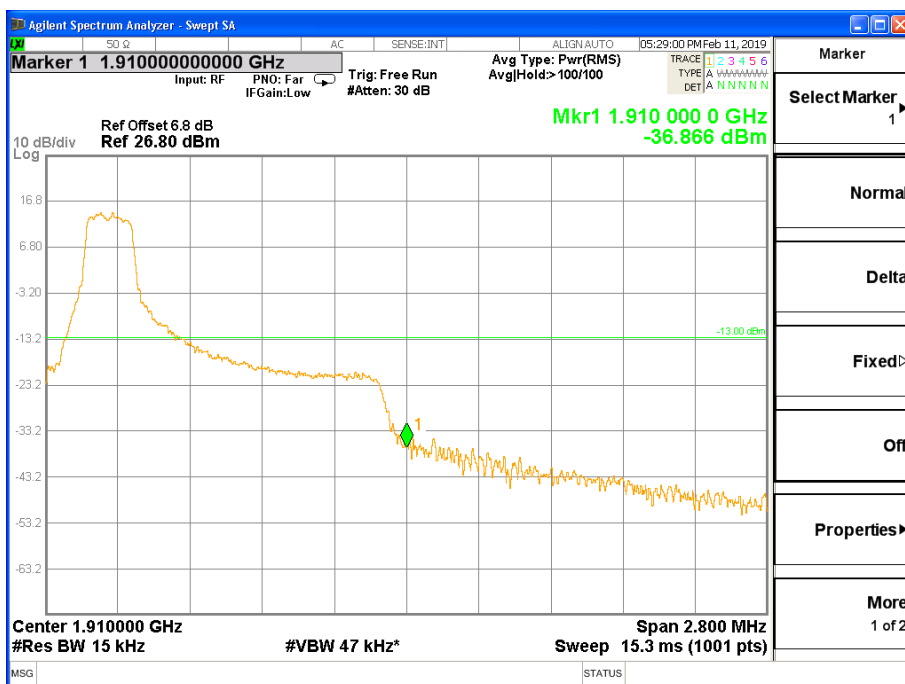


Fig.1

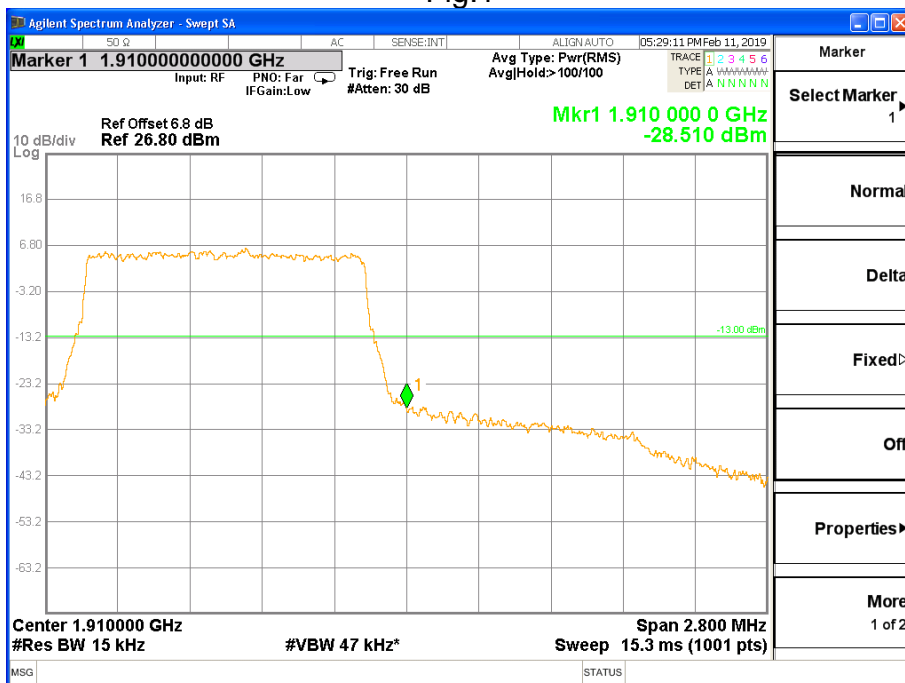


Fig.4

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
2	1851.5	18615	3	1	0	Fig.1
				15	0	Fig.4

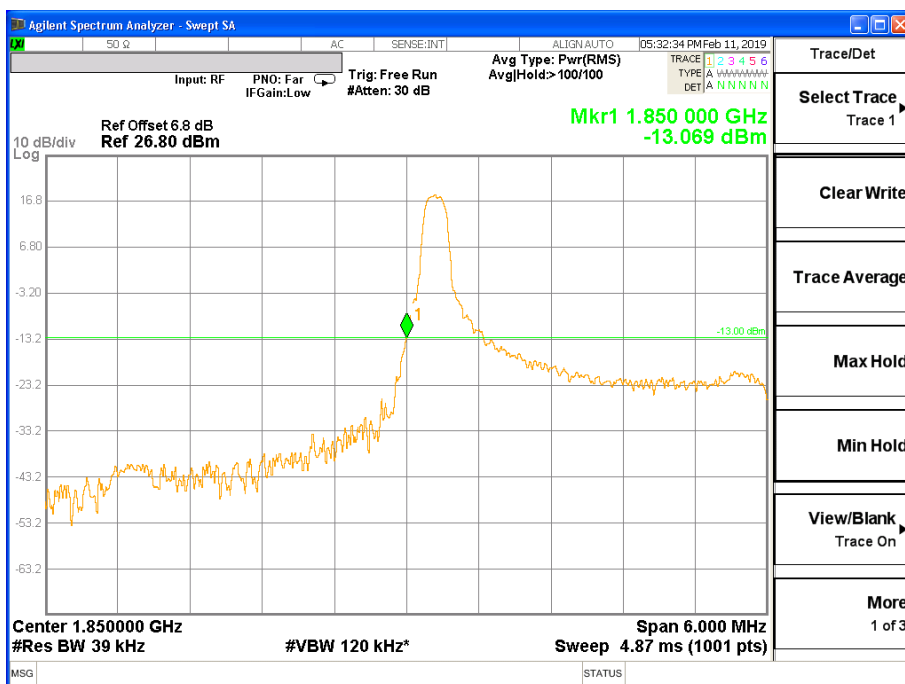


Fig.1

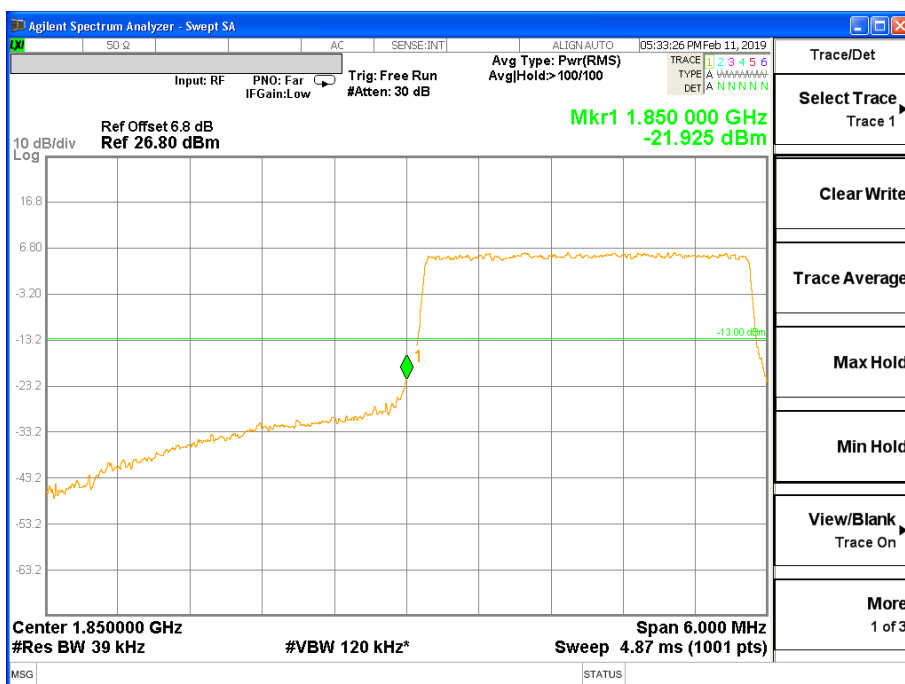


Fig.4

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
2	1908.5	19185	3	1	0	Fig.1
				15	0	Fig.4

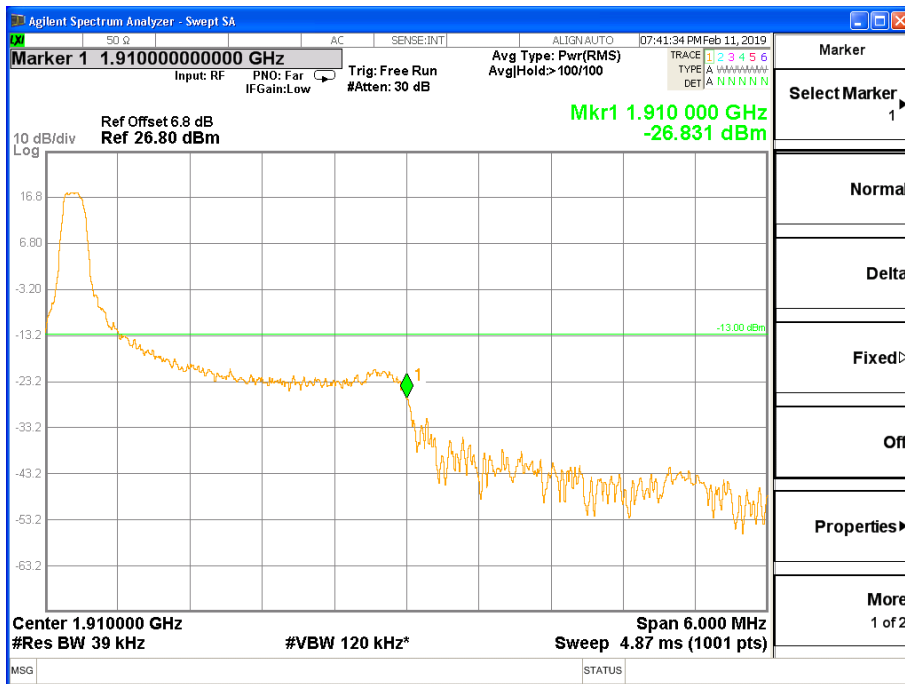


Fig.1

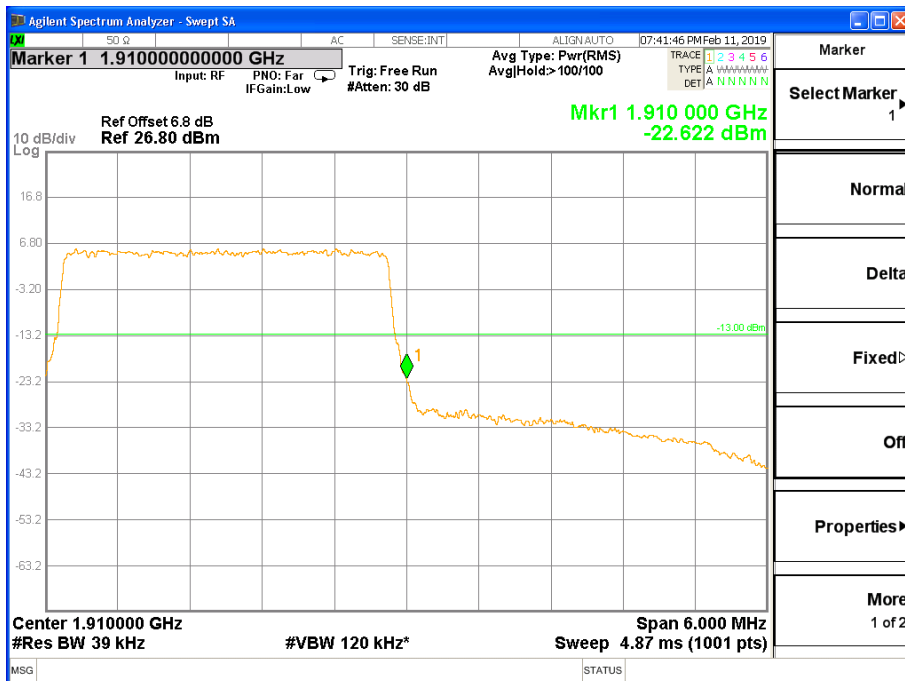


Fig.4

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
2	1852.5	18625	5	1	0	Fig.1
				25	0	Fig.4

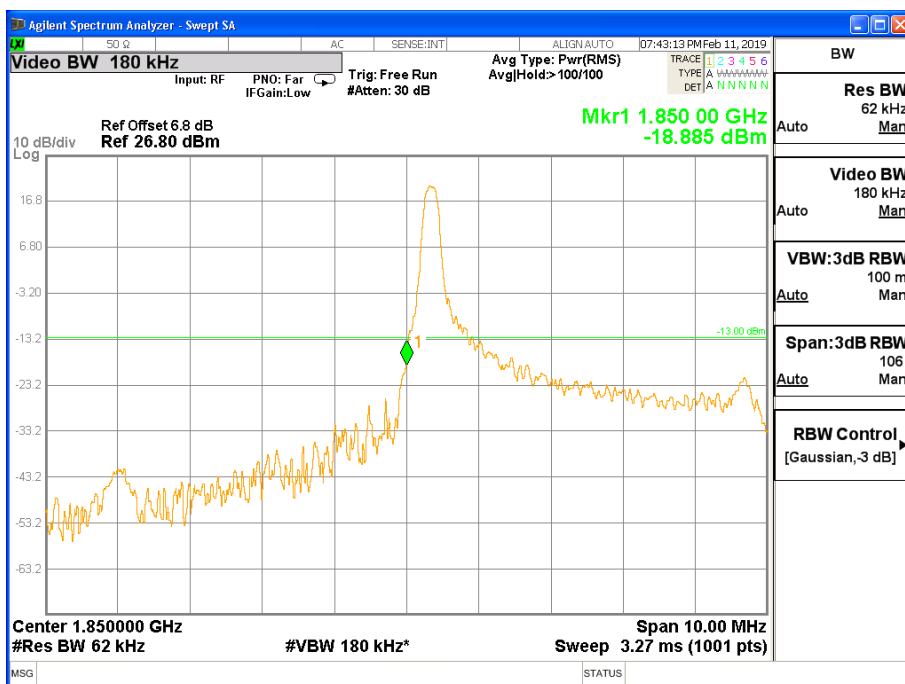


Fig.1

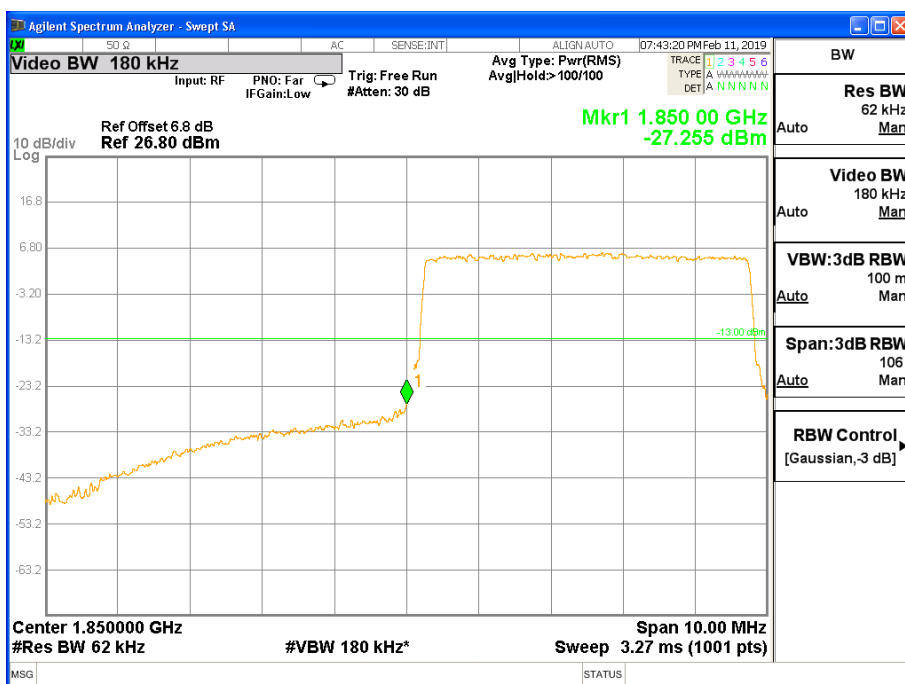


Fig.4

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
2	1907.5	19175	5	1	0	Fig.1
				25	0	Fig.4

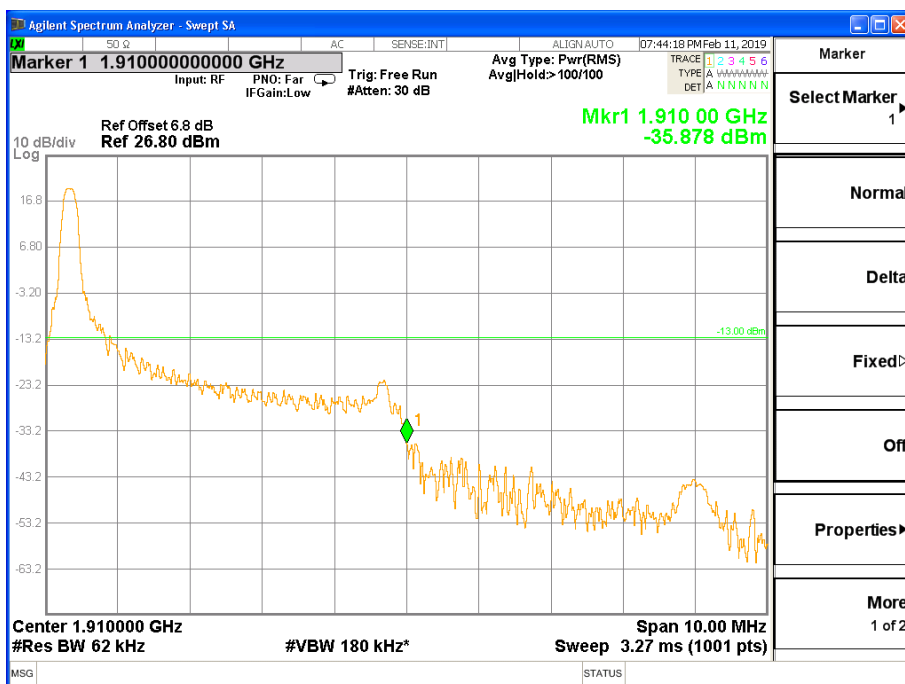


Fig.1

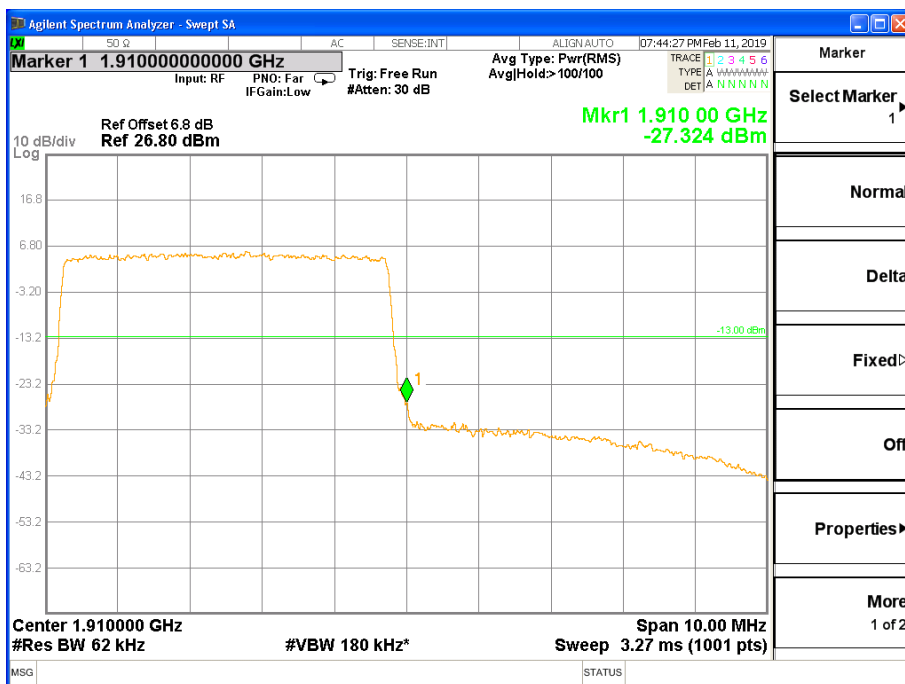


Fig.4

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
2	1855	18650	10	1	0	Fig.1
				50	0	Fig.4

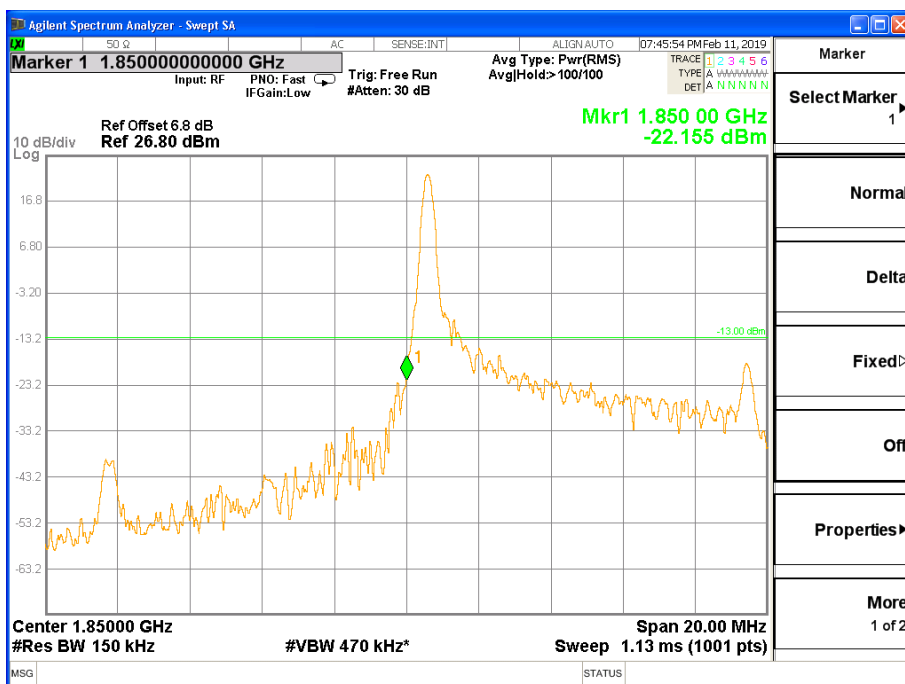


Fig.1

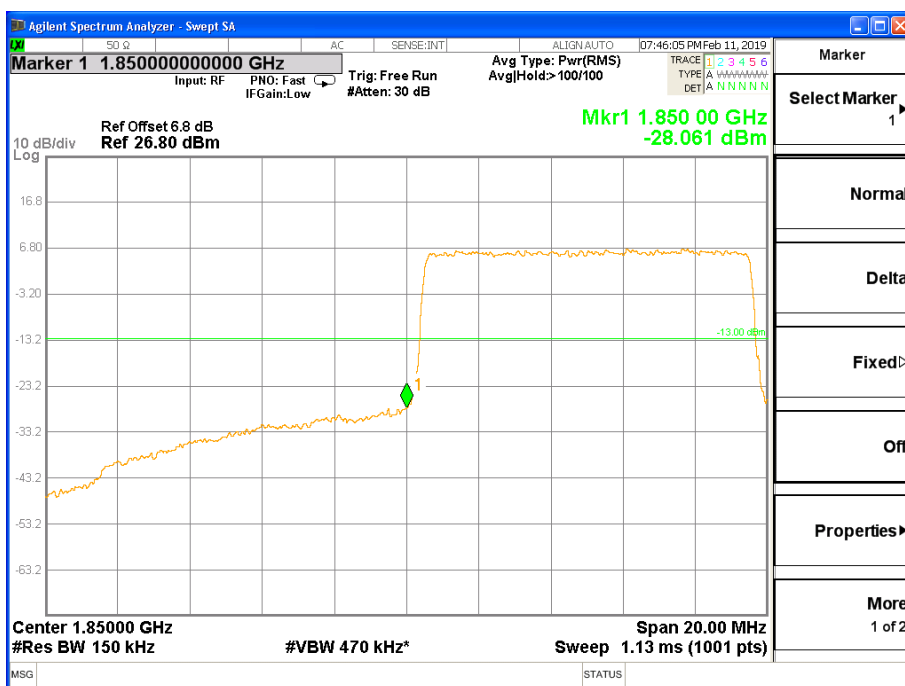


Fig.4

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
2	1905	19150	10	1	0	Fig.1
				50	0	Fig.4

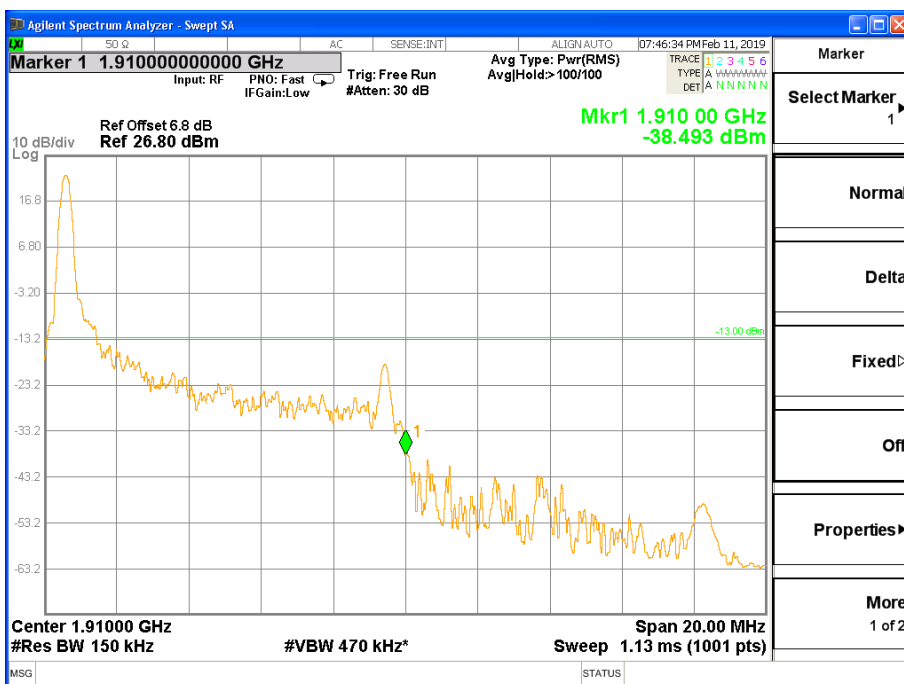


Fig.1

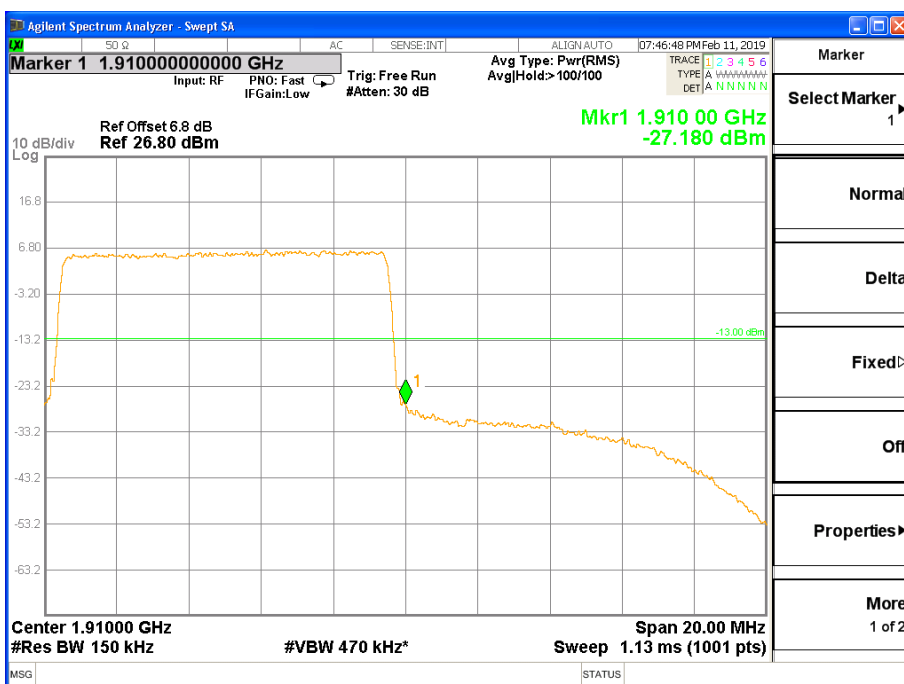


Fig.4

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
2	1857.5	18675	15	1	0	Fig.1
				75	0	Fig.4

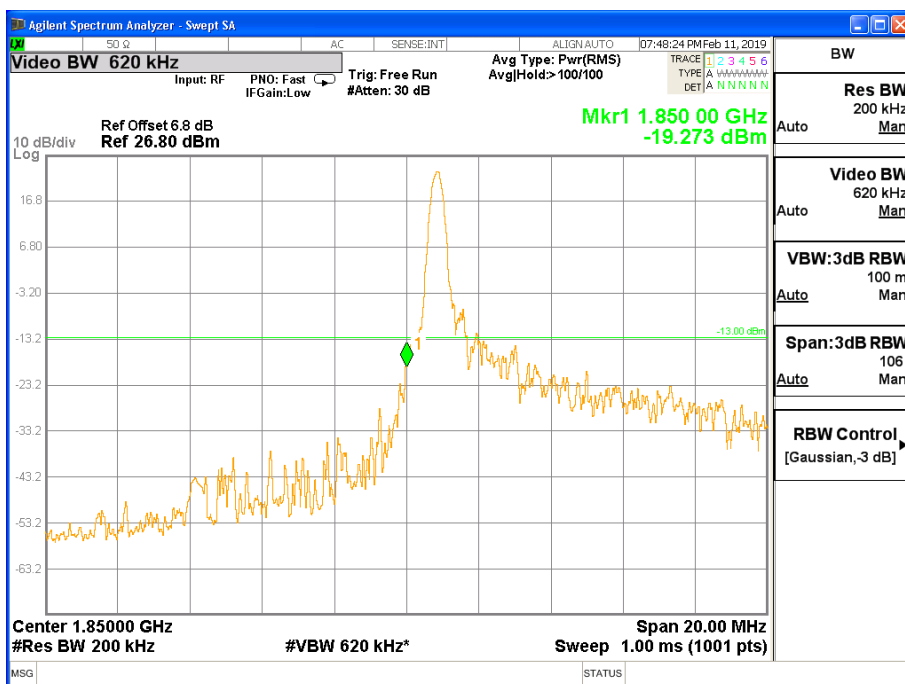


Fig.1

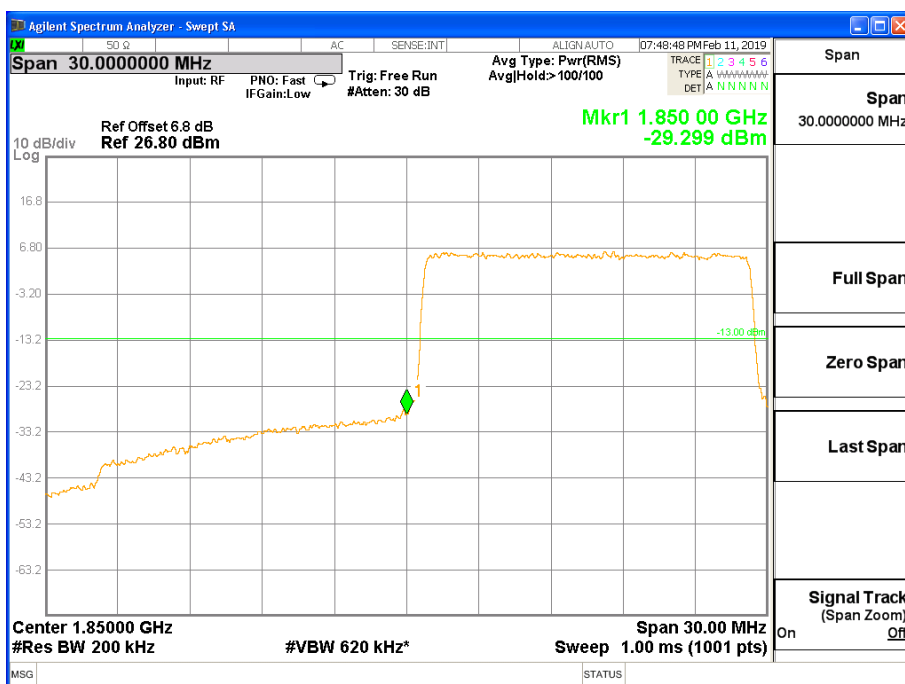


Fig.4

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
2	1902.5	19125	15	1	0	Fig.1
				75	0	Fig.4

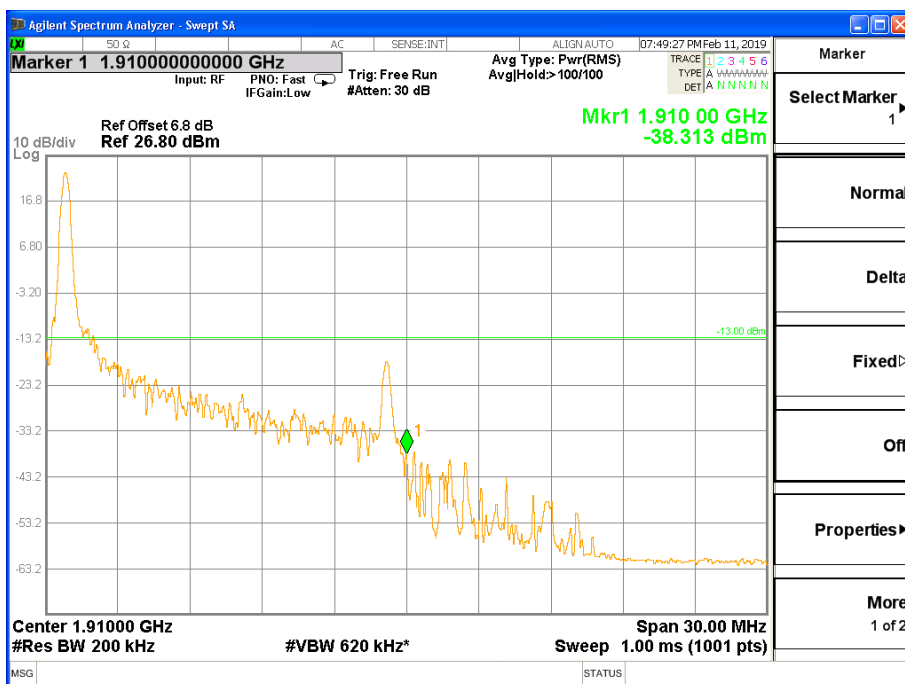


Fig.1

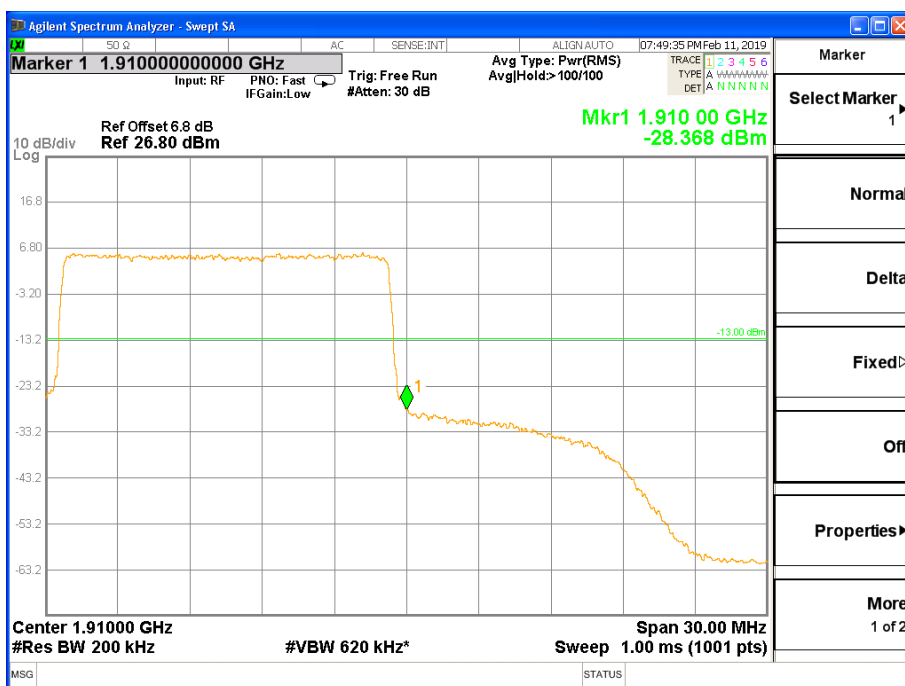


Fig.4

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
2	1860	18700	20	1	0	Fig.1
				100	0	Fig.4

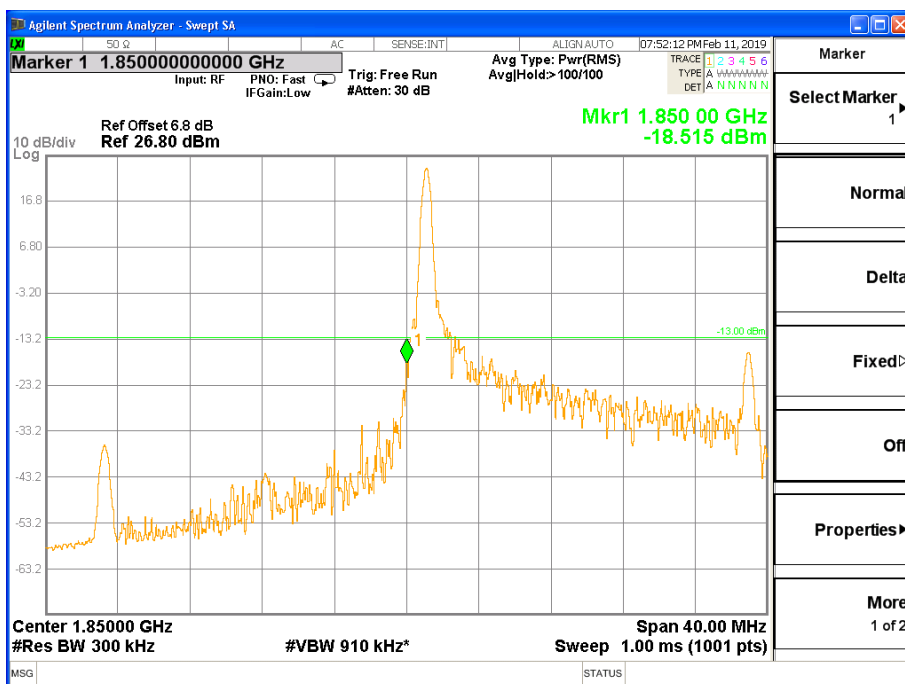


Fig.1

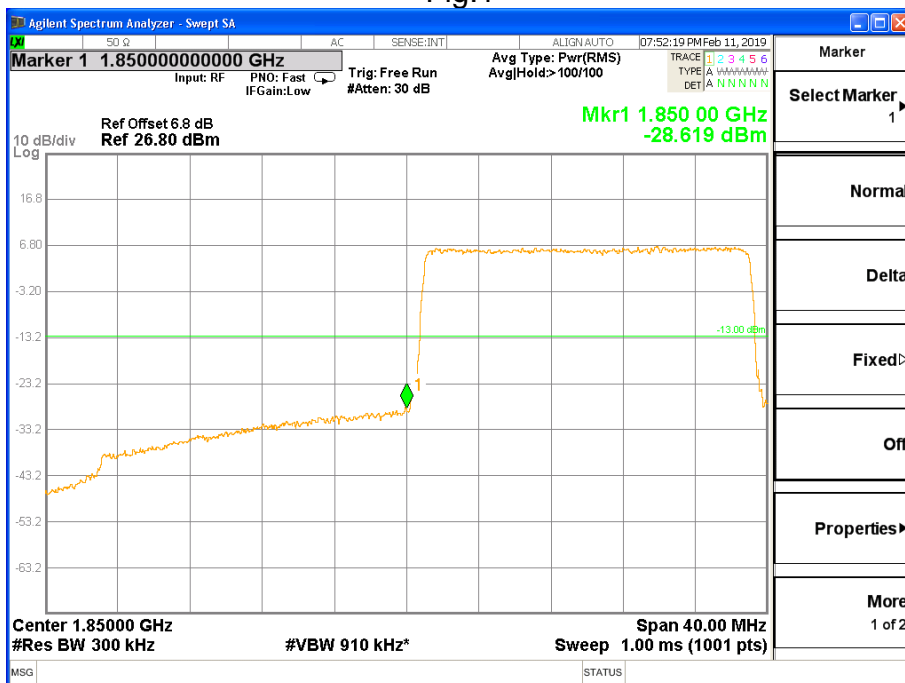


Fig.4

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot
						QPSK
2	1900	19100	20	1	0	Fig.1
				100	0	Fig.4

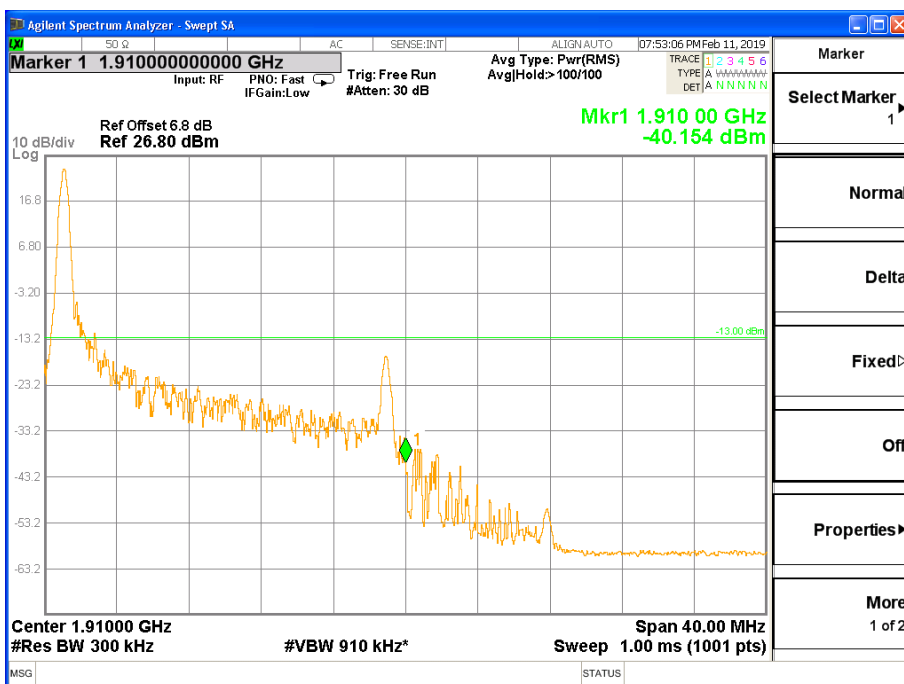


Fig.1

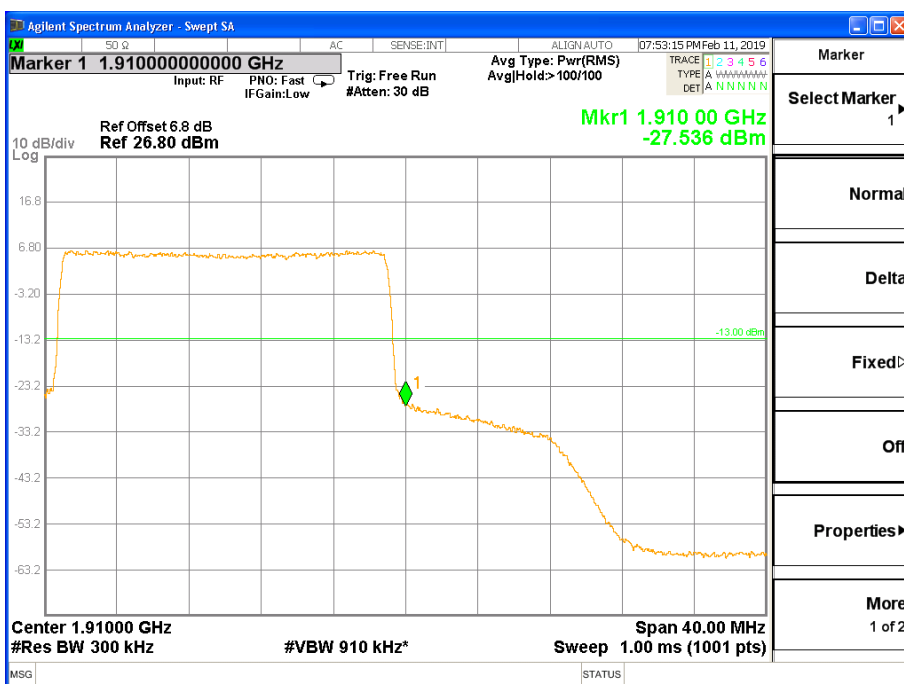


Fig.4

7 Frequency Stability

Test result:

Band	BW	Test Result (ppm)@NV		Test Result (ppm)@NT	
		Temperature(°C)		Voltage	
2	1.4	-10	-0.001	LV	-0.002
		0	-0.004		
		10	0.010		
		20	-0.003		
		30	0.014	HV	
		20	-0.006		
		40	0.008		
		50	0.011		
	55	0.001			
	3	-10	0.005	LV	0.009
		0	0.006		
		10	0.004		
		20	0.006		
		30	0.003	HV	
		20	0.006		
		40	0.003		
		50	0.004		
	55	0.004			
	5	-10	0.008	LV	0.007
		0	0.002		
		10	0.006		
		20	0.004		
		30	0.006	HV	
		20	0.006		
		40	0.004		
		50	0.003		
	55	0.002			
	10	-10	0.004	LV	0.005
0		0.005			
10		0.003			
20		0.003			
30		0.003			

		20	0.004	HV	0.007	
		40	0.005			
		50	0.003			
		55	0.005			
	15		-10	0.004	LV	0.004
			0	0.002		
			10	0.001		
			20	0.005		
			30	0.003	HV	0.004
			20	0.004		
			40	0.004		
			50	0.006		
	20		55	0.002	LV	0.003
			-10	0.004		
			0	0.006		
			10	0.005		
			20	0.004	HV	0.007
			30	0.003		
			20	0.003		
			40	0.004		
		50	0.005			
		55	0.004			

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 4

1 RF Power Output

Test result:

Antenna Gain: -7.0dBi

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	1710.7	19957	1.4	1	0	23.6	16.6
				1	5	22.9	15.9
				3	2	22.8	15.8
				6	0	22.3	15.3
	1732.5	20175		1	0	22.9	15.9
				1	5	22.8	15.8
				3	2	22.9	15.9
				6	0	22.3	15.3
	1754.3	20393		1	0	22.5	15.5
				1	5	22.6	15.6
				3	2	22.7	15.7
				6	0	22.3	15.3

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	1710.7	19957	1.4	1	0	23.1	16.1
				1	5	23.2	16.2
				3	2	22.6	15.6
				6	0	21.7	14.7
	1732.5	20175		1	0	23.1	16.1
				1	5	23.1	16.1
				3	2	22.5	15.5
				6	0	22.1	15.1
	1754.3	20393		1	0	22.9	15.9
				1	5	22.9	15.9
				3	2	22.2	15.2
				6	0	21.3	14.3

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
64QAM	1710.7	19957	1.4	1	0	22.7	15.7
				1	5	23.0	16.0
				3	2	22.3	15.3
				6	0	21.4	14.4
	1732.5	20175		1	0	23.0	16.0
				1	5	23.0	16.0
				3	2	22.2	15.2
				6	0	22.0	15.0
	1754.3	20393		1	0	22.5	15.5
				1	5	22.4	15.4
				3	2	22.1	15.1
				6	0	21.1	14.1

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	1711.5	19965	3	1	0	22.7	15.7
				1	14	22.7	15.7
				8	4	22.3	15.3
				15	0	22.3	15.3
	1732.5	20175		1	0	24.0	17.0
				1	14	23.9	16.9
				8	4	22.9	15.9
				15	0	22.9	15.9
	1753.5	20385		1	0	23.8	16.8
				1	14	23.8	16.8
				8	4	22.8	15.8
				15	0	22.7	15.7

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	1711.5	19965	3	1	0	22.7	15.7
				1	14	22.7	15.7
				8	4	21.7	14.7
				15	0	21.4	14.4
	1732.5	20175		1	0	23.0	16.0
				1	14	23.1	16.1
				8	4	22.0	15.0
				15	0	22.0	15.0
	1753.5	20385		1	0	22.6	15.6
				1	14	22.5	15.5
				8	4	22.0	15.0
				15	0	21.8	14.8

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
64QAM	1711.5	19965	3	1	0	22.4	15.4
				1	14	22.3	15.3
				8	4	21.2	14.2
				15	0	21.0	14.0
	1732.5	20175		1	0	22.7	15.7
				1	14	22.8	15.8
				8	4	21.6	14.6
				15	0	21.5	14.5
	1753.5	20385		1	0	22.2	15.2
				1	14	22.1	15.1
				8	4	21.6	14.6
				15	0	21.3	14.3

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	1712.5	19975	5	1	0	22.8	15.8
				1	24	22.8	15.8
				12	6	22.4	15.4
				25	0	22.3	15.3
	1732.5	20175		1	0	24.0	17.0
				1	24	24.0	17.0
				12	6	23.0	16.0
				25	0	22.9	15.9
	1752.5	20375		1	0	23.5	16.5
				1	24	23.5	16.5
				12	6	22.7	15.7
				25	0	22.8	15.8

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	1712.5	19975	5	1	0	21.7	14.7
				1	24	21.6	14.6
				12	6	21.3	14.3
				25	0	21.5	14.5
	1732.5	20175		1	0	22.9	15.9
				1	24	23.0	16.0
				12	6	21.9	14.9
				25	0	21.9	14.9
	1752.5	20375		1	0	22.8	15.8
				1	24	22.8	15.8
				12	6	21.8	14.8
				25	0	21.9	14.9

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
64QAM	1712.5	19975	5	1	0	21.2	14.2
				1	24	21.3	14.3
				12	6	21.0	14.0
				25	0	21.1	14.1
	1732.5	20175		1	0	22.6	15.6
				1	24	22.7	15.7
				12	6	21.7	14.7
				25	0	21.6	14.6
	1752.5	20375		1	0	22.5	15.5
				1	24	22.4	15.4
				12	6	21.5	14.5
				25	0	21.6	14.6

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	1715	20000	10	1	0	22.7	15.7
				1	49	22.7	15.7
				24	12	22.3	15.3
				50	0	22.3	15.3
	1732.5	20175		1	0	23.9	16.9
				1	49	23.9	16.9
				24	12	22.8	15.8
				50	0	23.0	16.0
	1750	20350		1	0	24.0	17.0
				1	49	23.8	16.8
				24	12	22.7	15.7
				50	0	22.7	15.7

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	1715	20000	10	1	0	22.6	15.6
				1	49	22.5	15.5
				24	12	21.5	14.5
				50	0	21.4	14.4
	1732.5	20175		1	0	23.7	16.7
				1	49	23.7	16.7
				24	12	22.0	15.0
				50	0	22.0	15.0
	1750	20350		1	0	22.7	15.7
				1	49	22.6	15.6
				24	12	21.8	14.8
				50	0	21.9	14.9

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
64QAM	1715	20000	10	1	0	22.4	15.4
				1	49	22.4	15.4
				24	12	21.3	14.3
				50	0	21.2	14.2
	1732.5	20175		1	0	23.3	16.3
				1	49	23.4	16.4
				24	12	21.7	14.7
				50	0	21.6	14.6
	1750	20350		1	0	22.3	15.3
				1	49	22.4	15.4
				24	12	21.5	14.5
				50	0	21.7	14.7

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	1717.5	20025	15	1	0	22.7	15.7
				1	74	22.8	15.8
				40	18	22.4	15.4
				75	0	22.4	15.4
	1732.5	20175		1	0	23.8	16.8
				1	74	23.8	16.8
				40	18	23.0	16.0
				75	0	22.8	15.8
	1747.5	20325		1	0	23.9	16.9
				1	74	23.7	16.7
				40	18	22.8	15.8
				75	0	22.8	15.8

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	1717.5	20025	15	1	0	22.7	15.7
				1	74	22.8	15.8
				40	18	21.5	14.5
				75	0	21.5	14.5
	1732.5	20175		1	0	23.4	16.4
				1	74	23.3	16.3
				40	18	21.9	14.9
				75	0	22.0	15.0
	1747.5	20325		1	0	23.9	16.9
				1	74	23.6	16.6
				40	18	21.9	14.9
				75	0	21.9	14.9

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
64QAM	1717.5	20025	15	1	0	22.5	15.5
				1	74	22.6	15.6
				40	18	21.4	14.4
				75	0	21.3	14.3
	1732.5	20175		1	0	23.1	16.1
				1	74	23.1	16.1
				40	18	21.5	14.5
				75	0	21.6	14.6
	1747.5	20325		1	0	23.5	16.5
				1	74	23.3	16.3
				40	18	21.6	14.6
				75	0	21.5	14.5

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	1720	20050	20	1	0	22.9	15.9
				1	99	22.9	15.9
				50	25	22.4	15.4
				100	0	22.4	15.4
	1732.5	20175		1	0	23.9	16.9
				1	99	24.0	17.0
				50	25	22.9	15.9
				100	0	23.0	16.0
	1745	20300		1	0	24.1	17.1
				1	99	24.0	17.0
				50	25	22.9	15.9
				100	0	22.7	15.7

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	1720	20050	20	1	0	22.5	15.5
				1	99	22.4	15.4
				50	25	21.4	14.4
				100	0	21.4	14.4
	1732.5	20175		1	0	23.1	16.1
				1	99	23.0	16.0
				50	25	22.0	15.0
				100	0	22.0	15.0
	1745	20300		1	0	23.8	16.8
				1	99	22.9	15.9
				50	25	22.3	15.3
				100	0	21.9	14.9

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
64QAM	1720	20050	20	1	0	22.2	15.2
				1	99	22.2	15.2
				50	25	21.1	14.1
				100	0	21.3	14.3
	1732.5	20175		1	0	23.0	16.0
				1	99	23.0	16.0
				50	25	21.7	14.7
				100	0	21.8	14.8
	1745	20300		1	0	23.5	16.5
				1	99	22.5	15.5
				50	25	22.1	15.1
				100	0	21.6	14.6

2 Occupied Bandwidth
Test result

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1710.7	19957	1.4	6	0	1.100	Fig.1	1.106	Fig.2	1.106	Fig.3

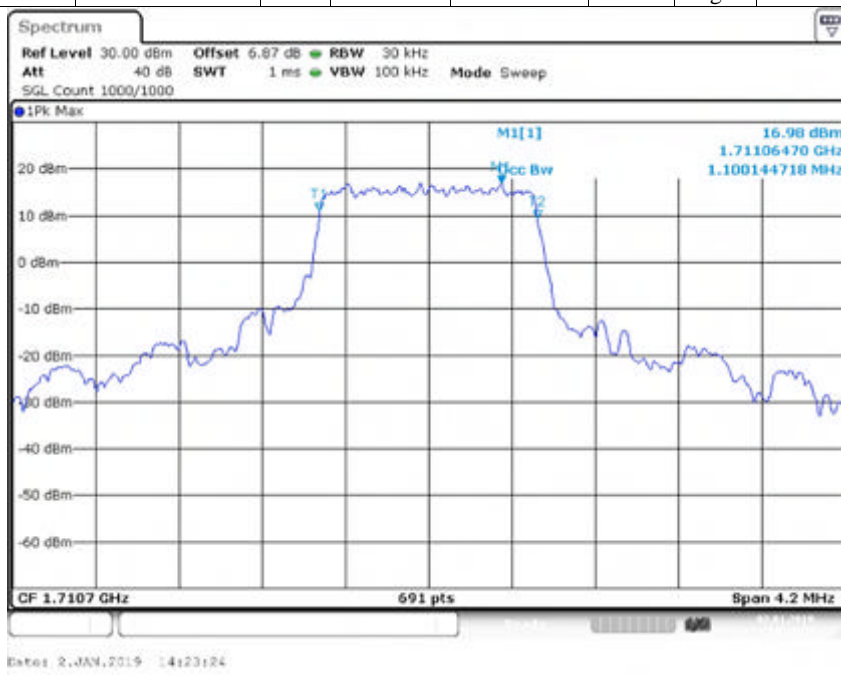


Fig.1

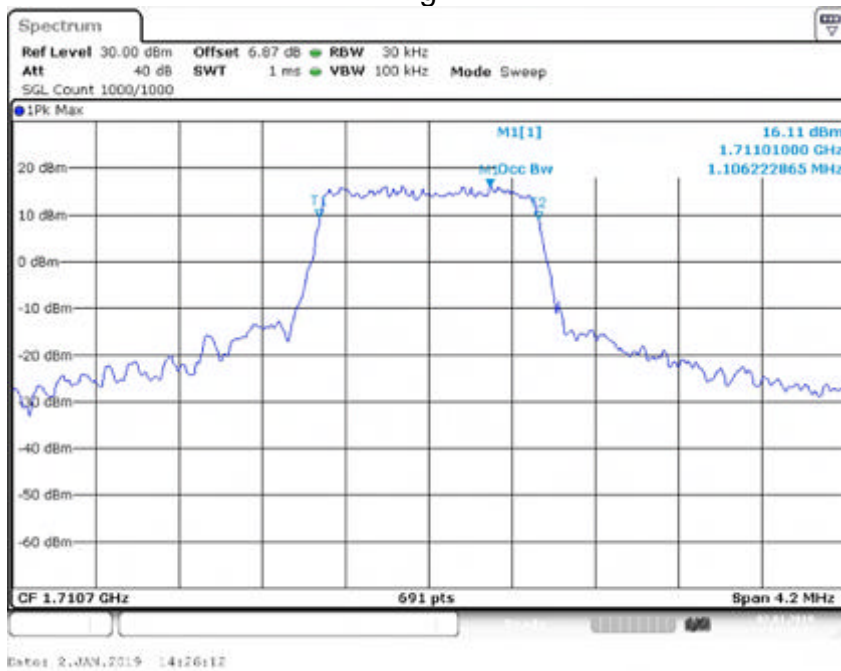


Fig.2

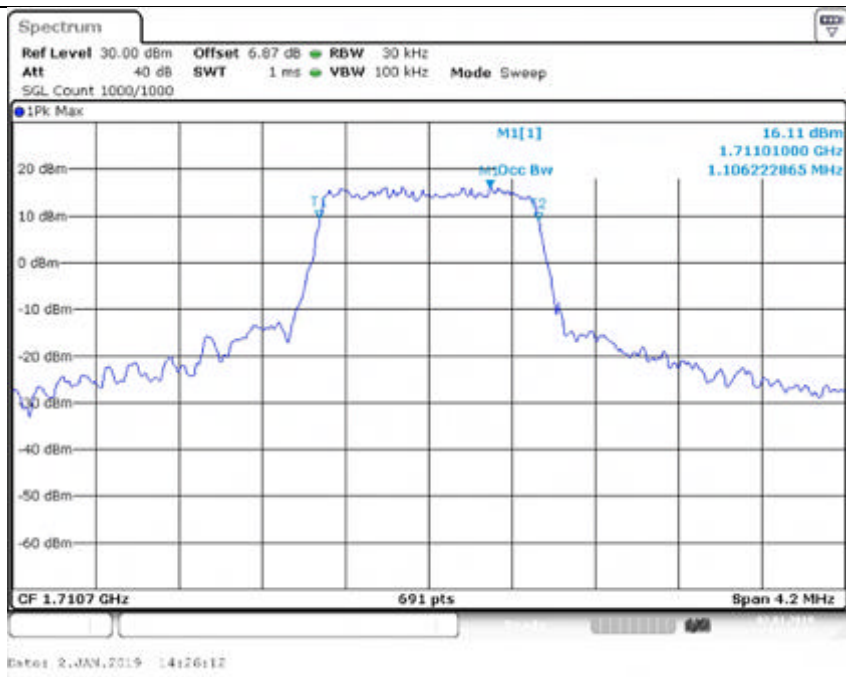


Fig.3

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1732.5	20175	1.4	6	0	1.000	Fig.1	1.112	Fig.2	1.112	Fig.3

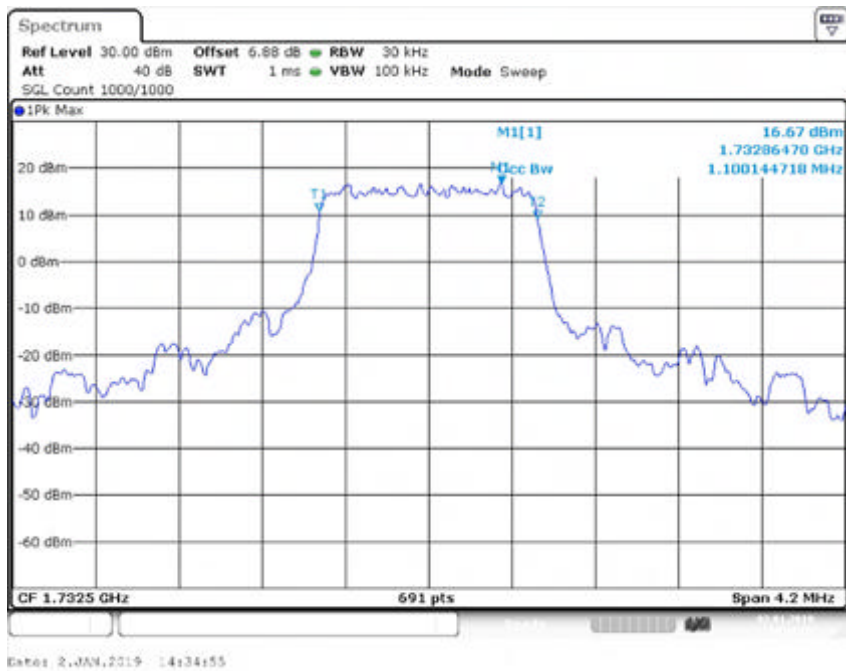


Fig.1

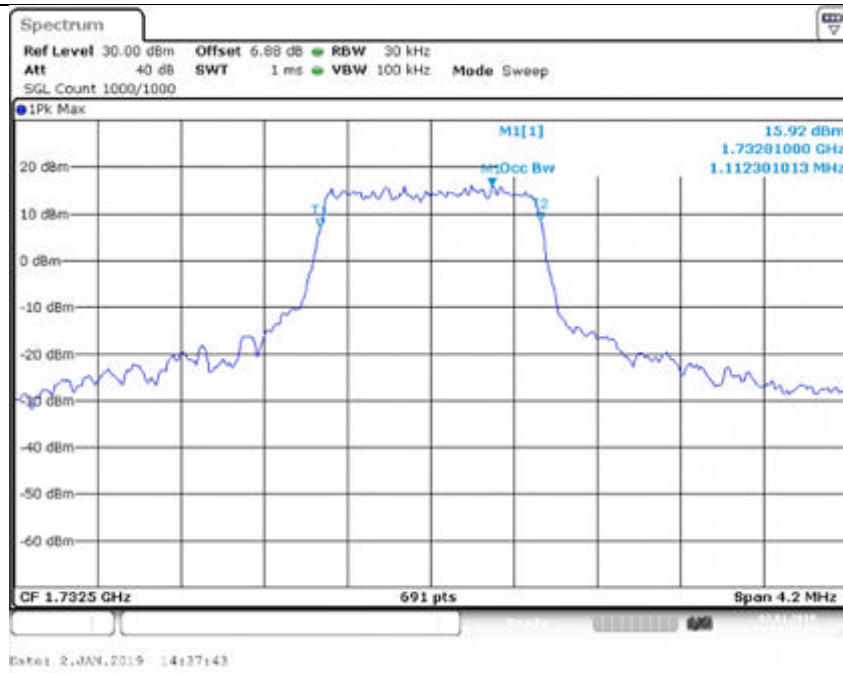


Fig.2

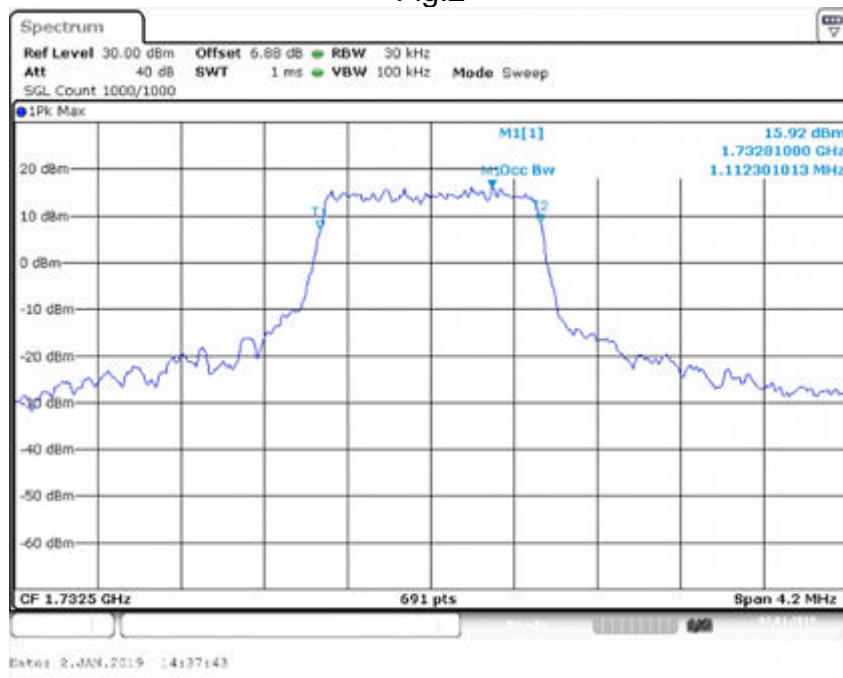


Fig.3

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1754.3	20393	1.4	6	0	1.094	Fig.1	1.100	Fig.2	1.100	Fig.3

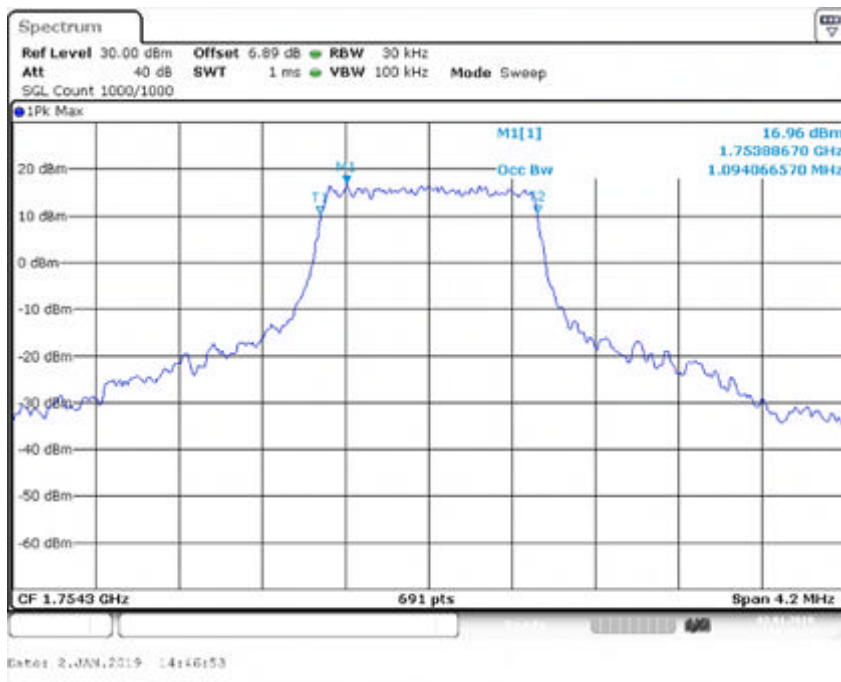


Fig.1

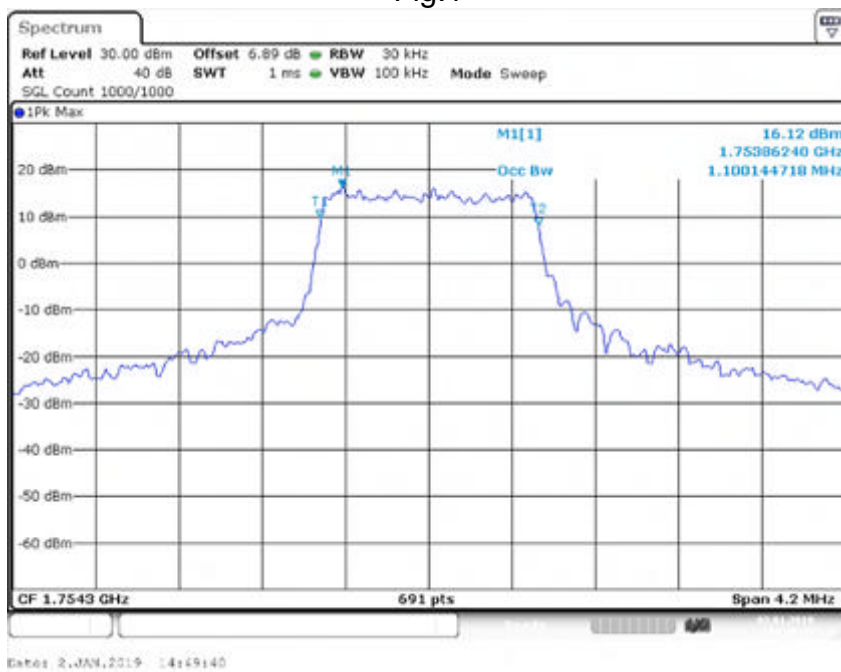


Fig.2

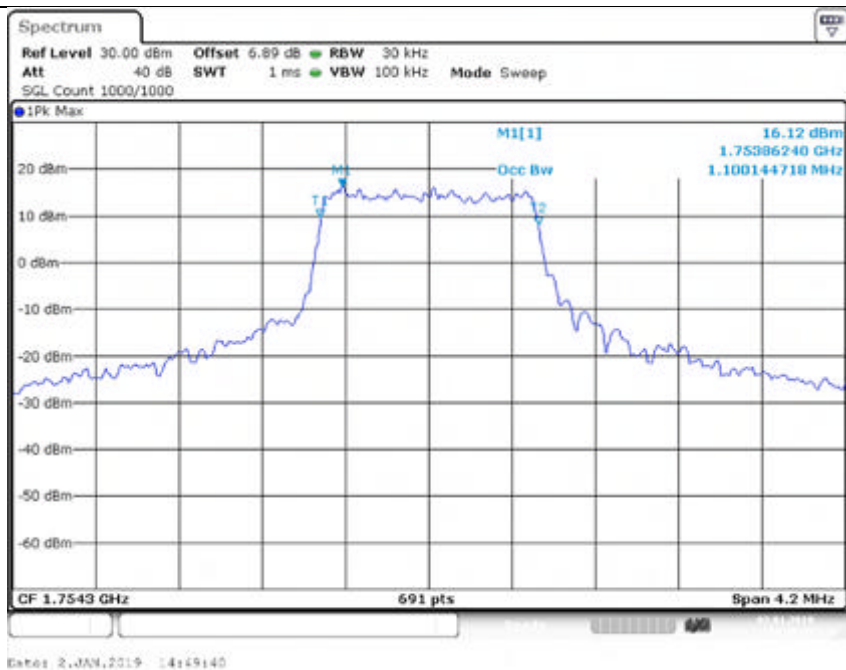


Fig.3

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1711.5	19965	3	15	0	2.800	Fig.1	2.800	Fig.2	2.800	Fig.3

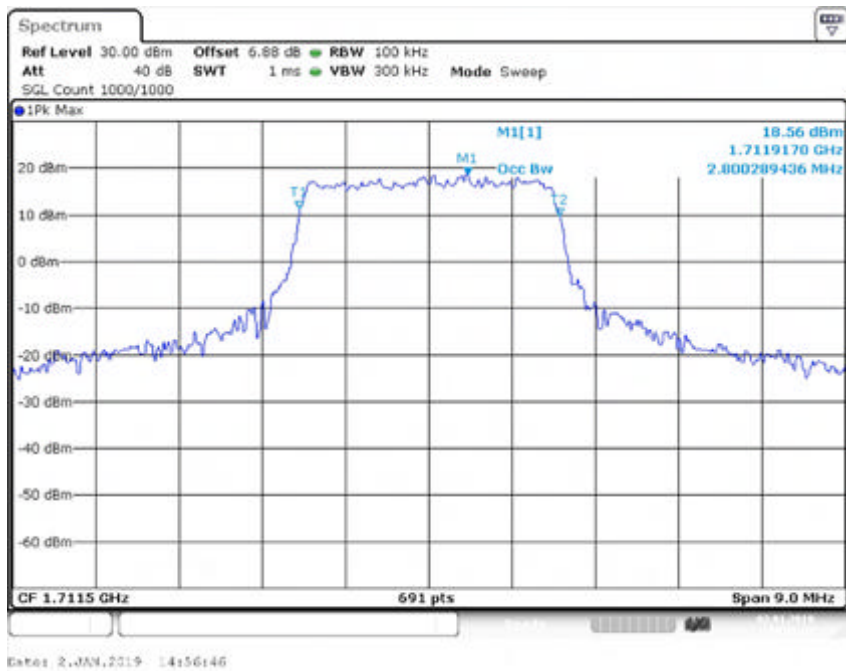


Fig.1

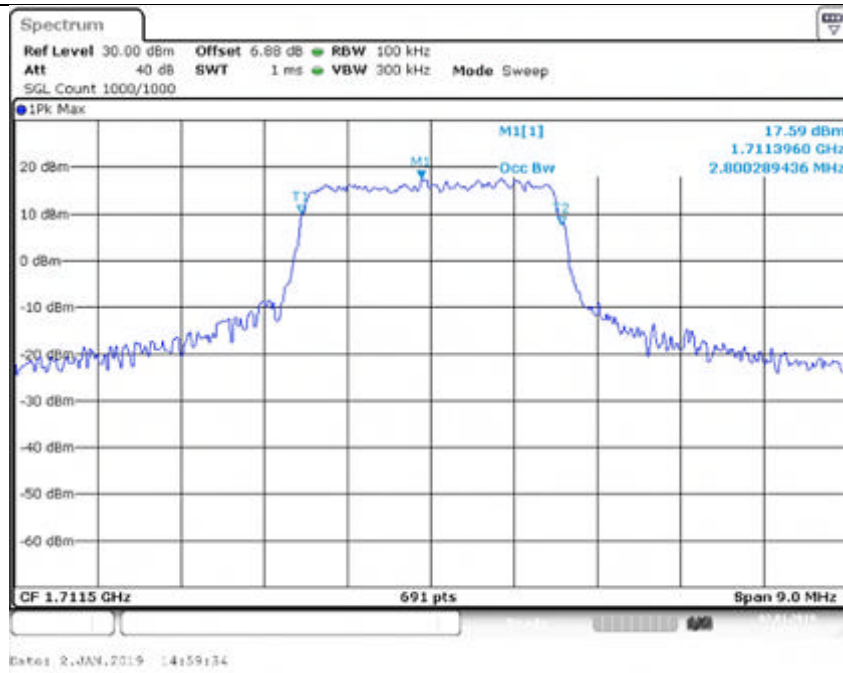


Fig.2

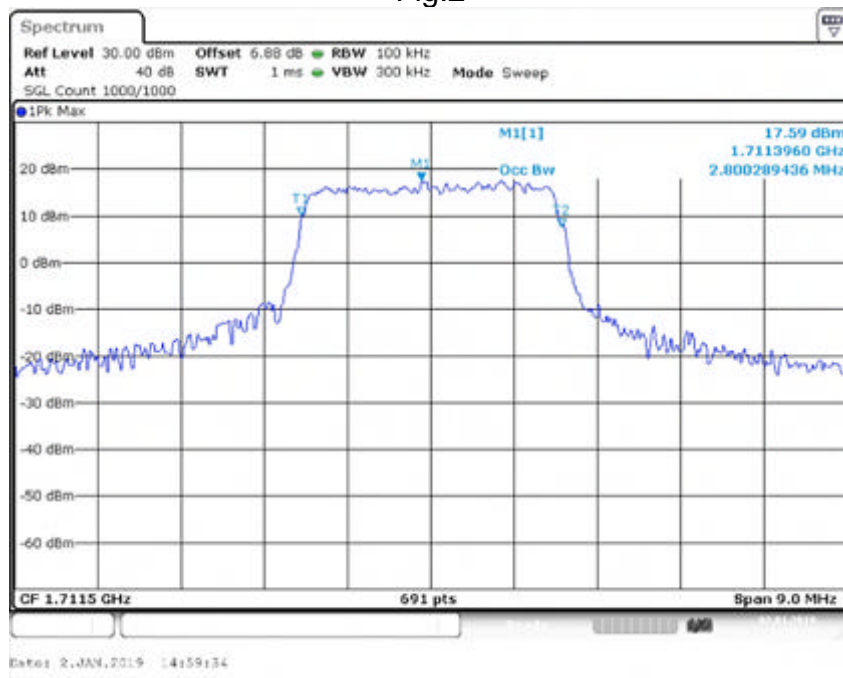


Fig.3

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1732.5	20175	3	15	0	2.735	Fig.4	2.774	Fig.2	2.774	Fig.3

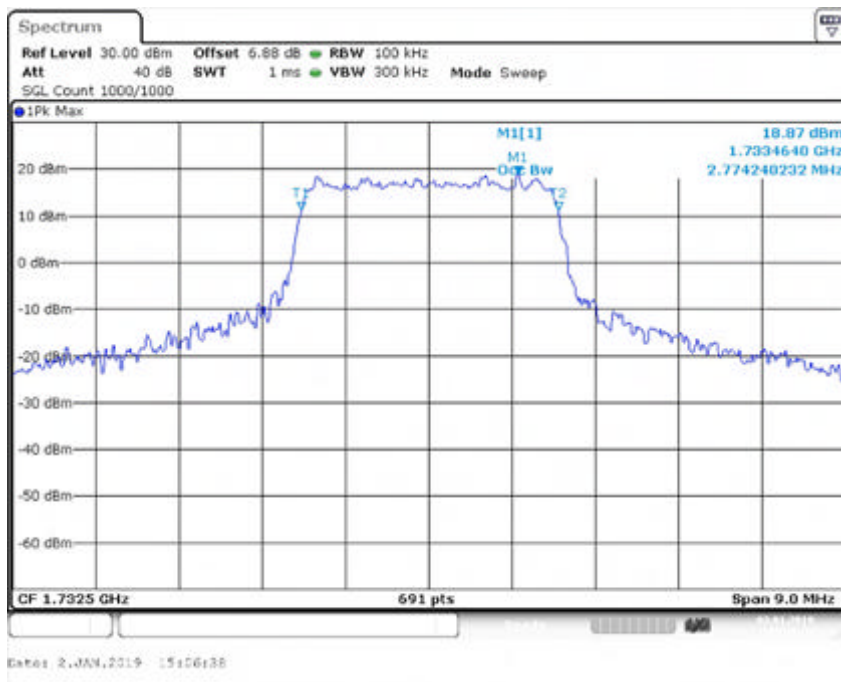


Fig.1

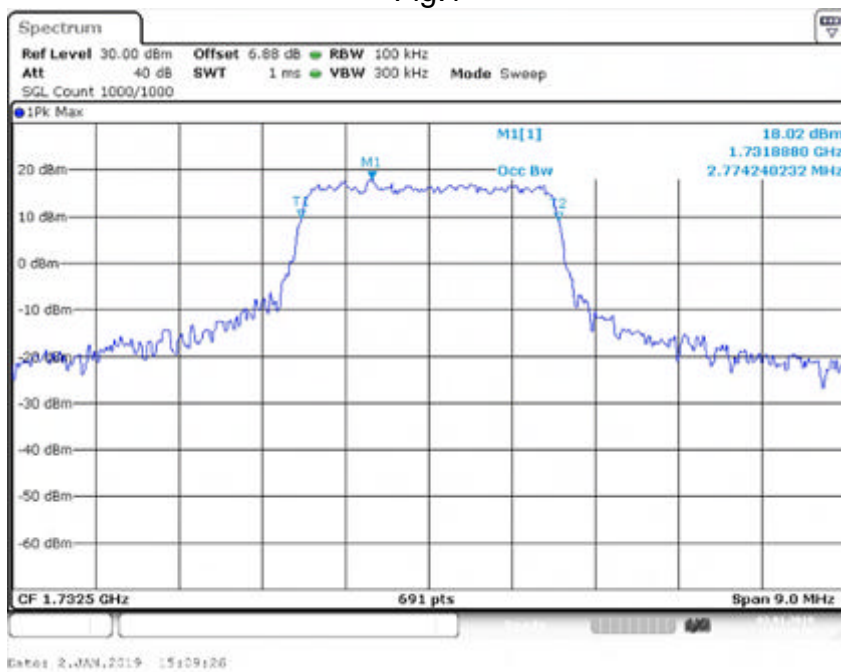


Fig.2

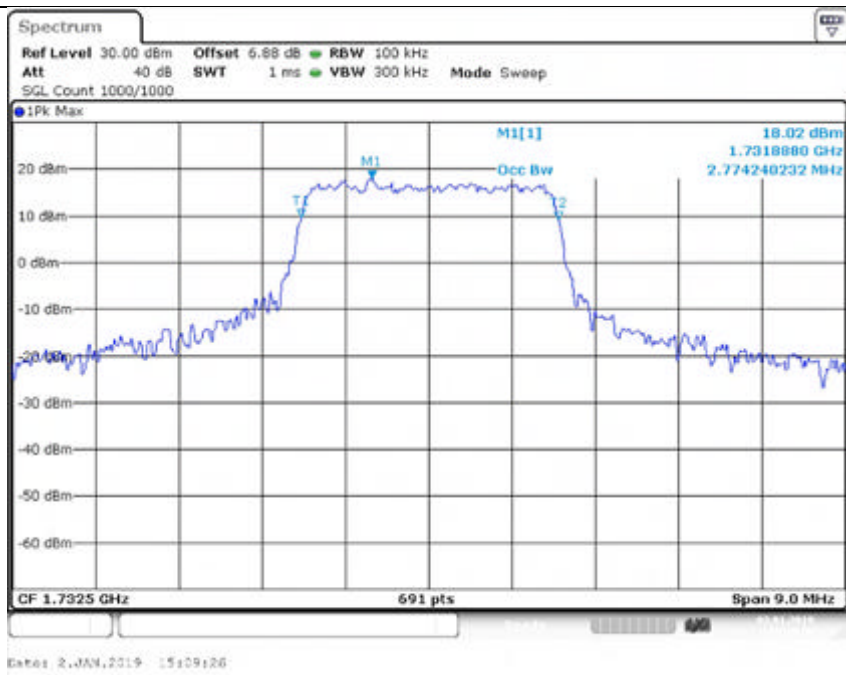


Fig.3

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1753.5	20385	3	15	0	2.787	Fig.1	2.787	Fig.2	2.787	Fig.3

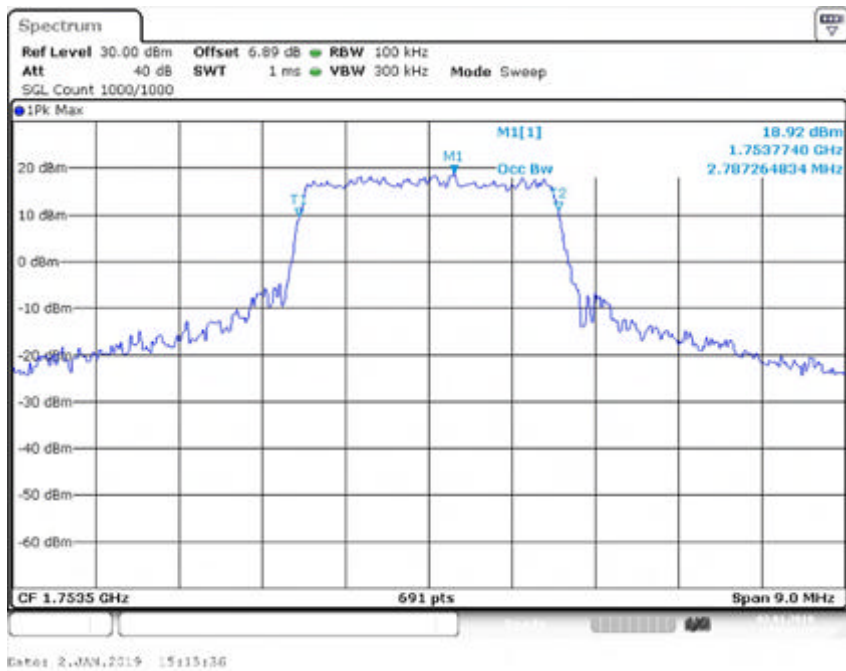


Fig.1

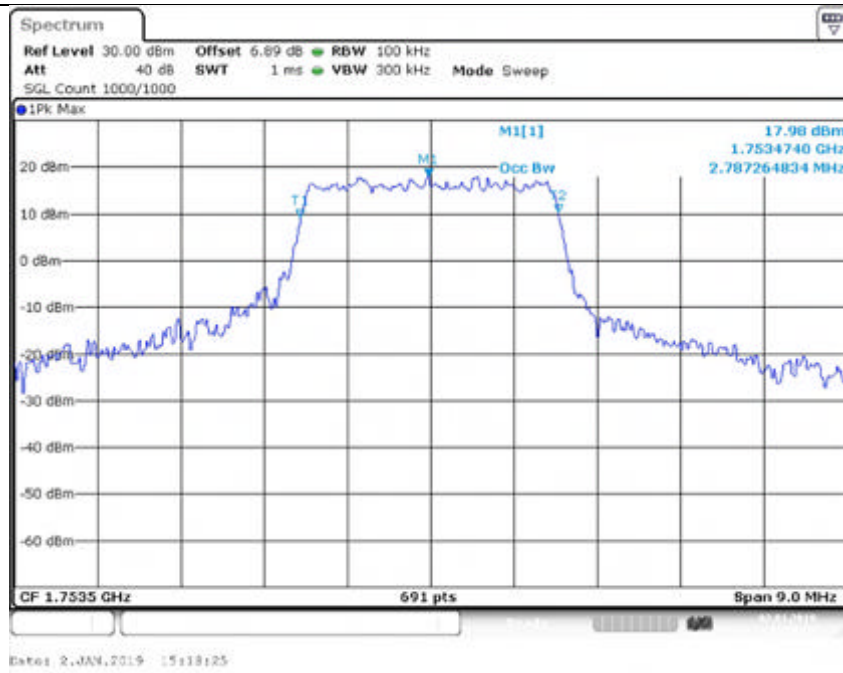


Fig.2

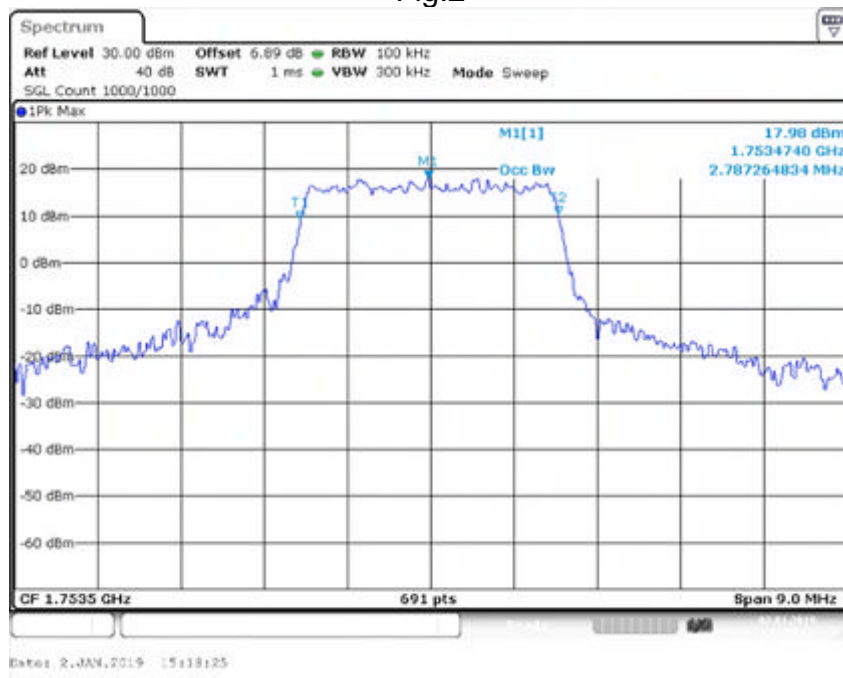


Fig.3

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1712.5	19975	5	25	0	4.537	Fig.1	4.537	Fig.2	4.537	Fig.3

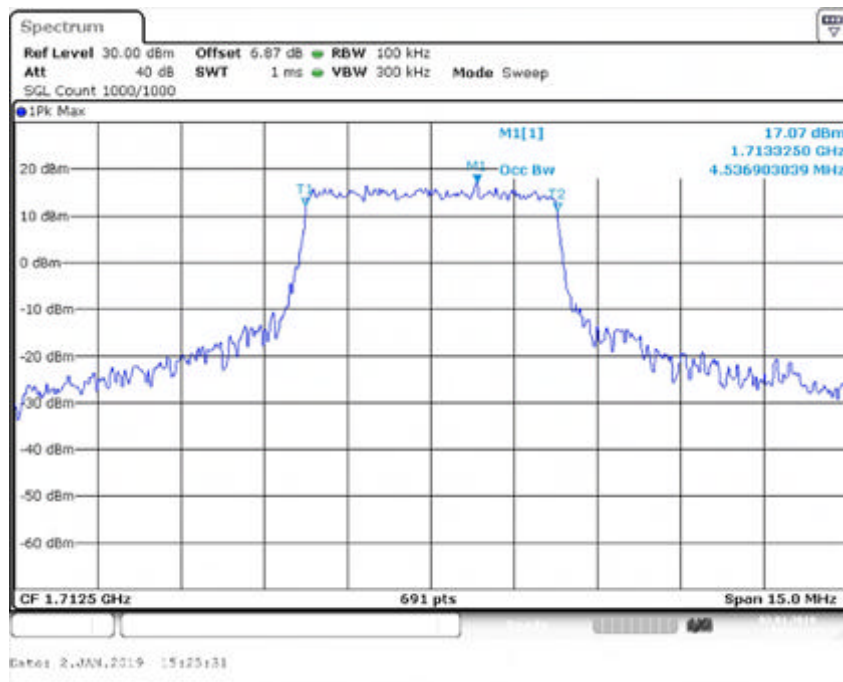


Fig.1

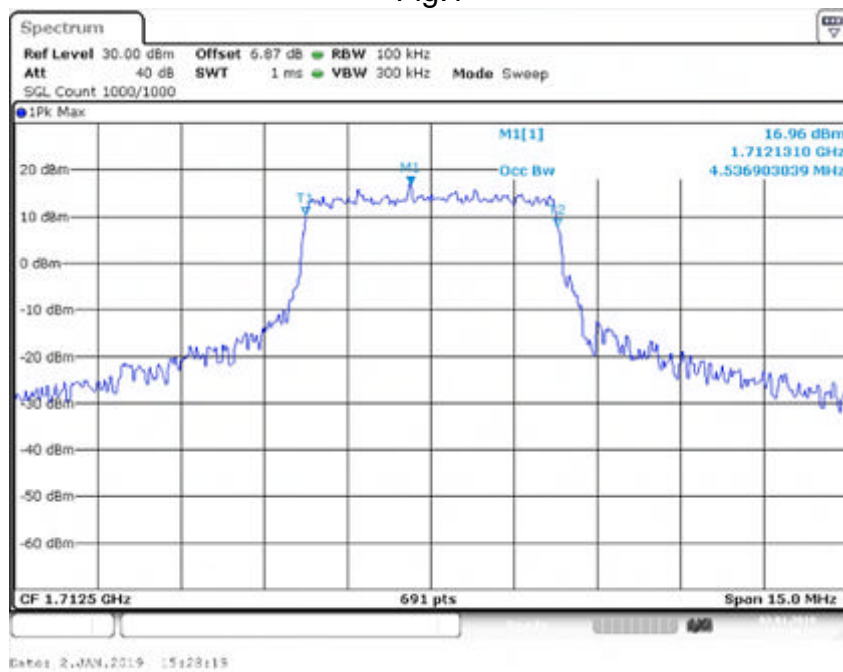


Fig.2

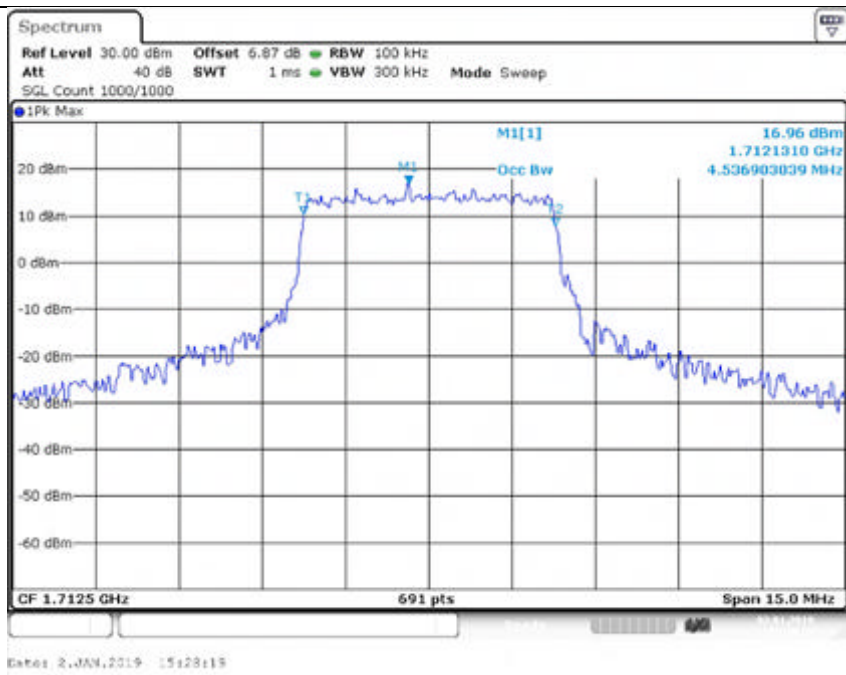


Fig.3

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1732.5	20175	5	25	0	4.515	Fig.1	4.537	Fig.2	4.537	Fig.3

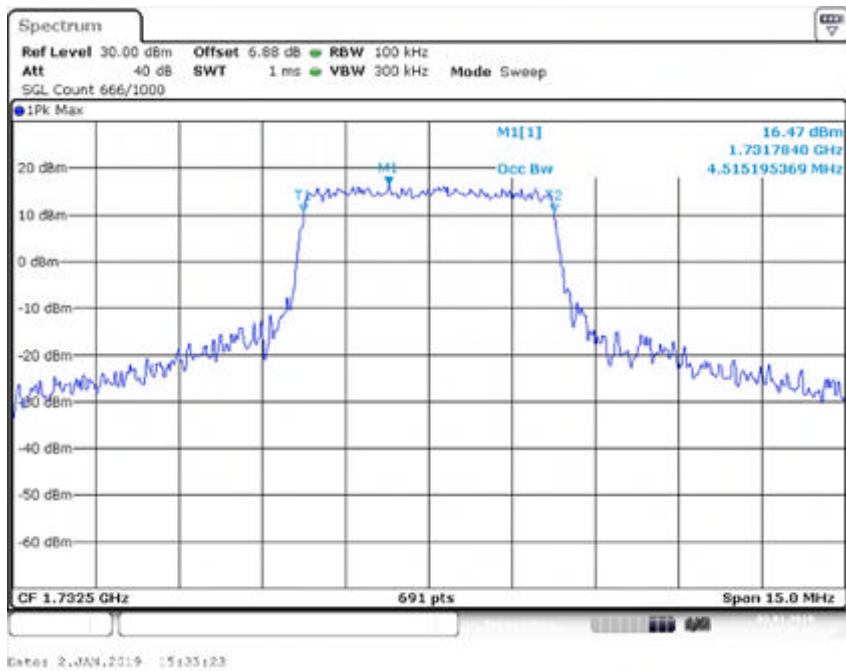


Fig.1

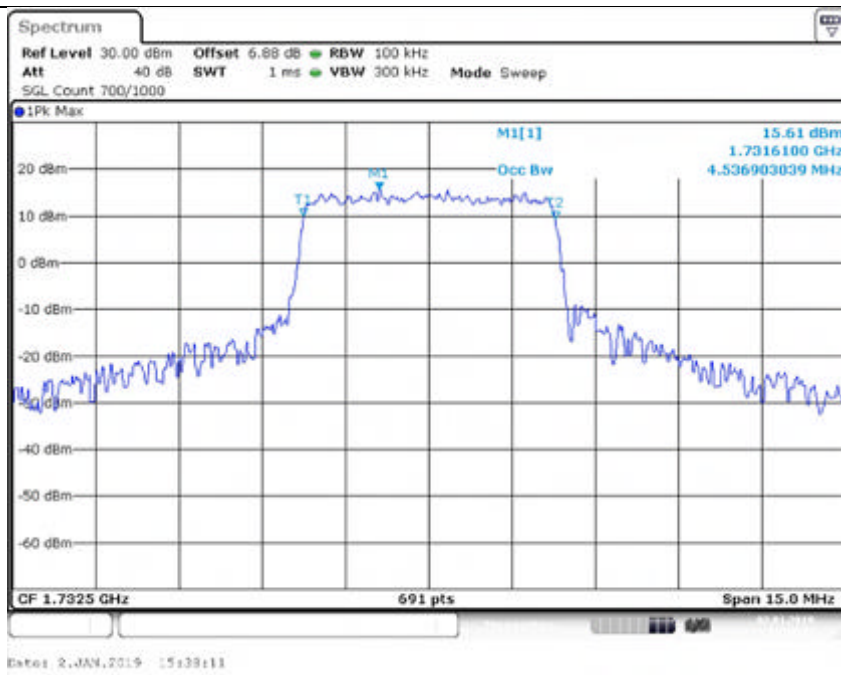


Fig.2

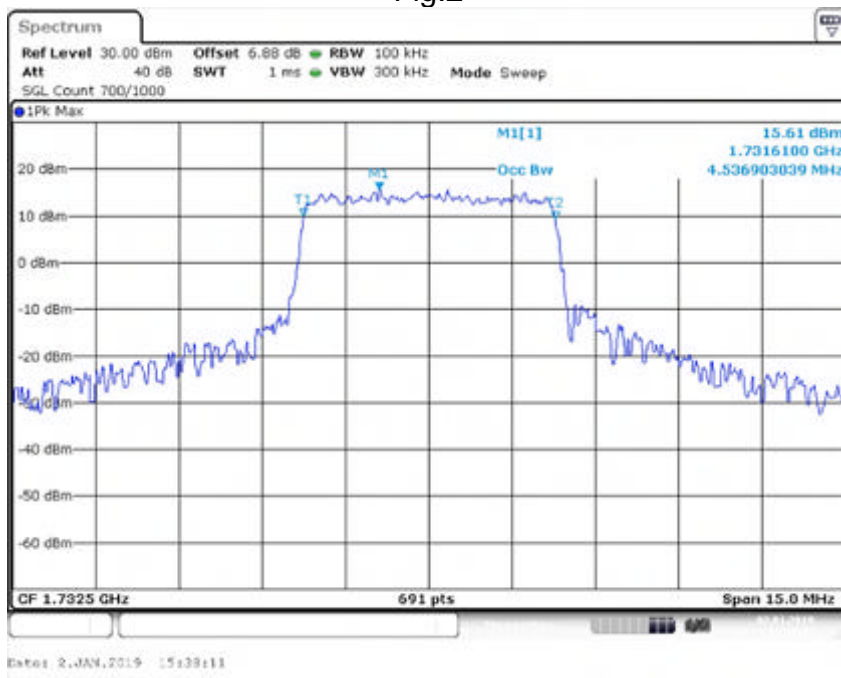


Fig.3

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1752.5	20375	5	25	0	4.515	Fig.1	4.537	Fig.2	4.537	Fig.3

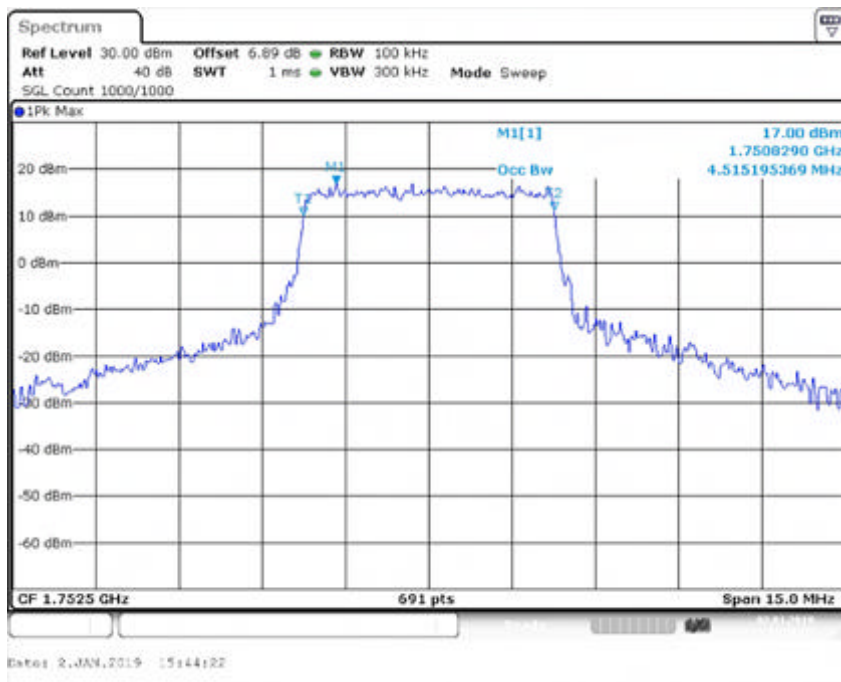


Fig.1

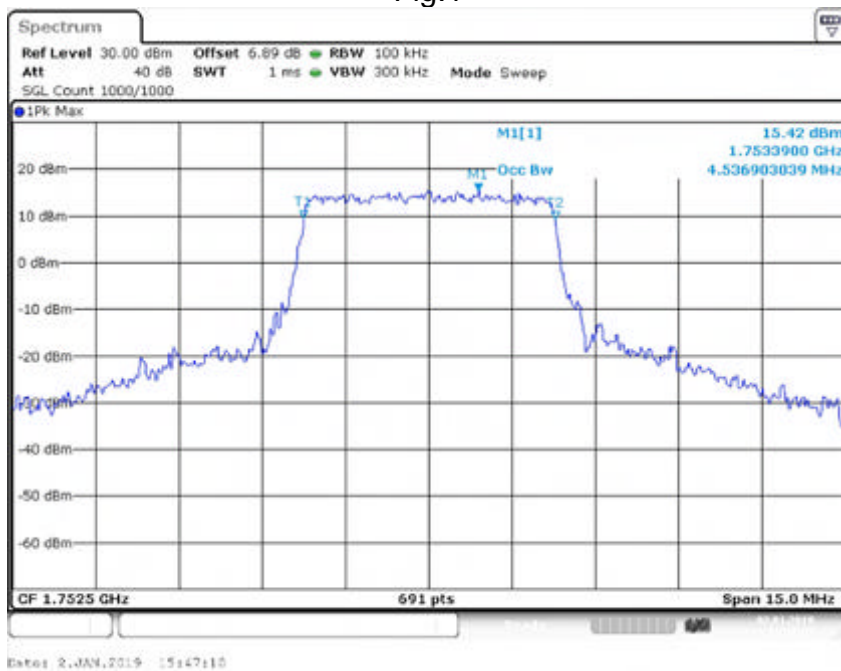


Fig.2

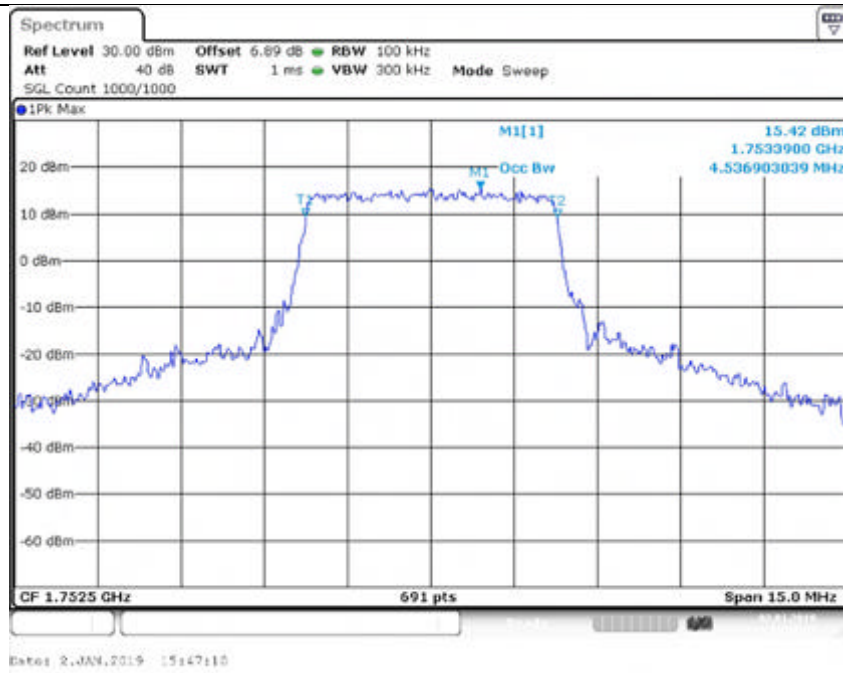


Fig.3

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)				
						QPSK	16-QAM	64-QAM	Fig.1	Fig.2
4	1715	20000	10	50	0	9.074	9.117	9.117	9.117	9.117

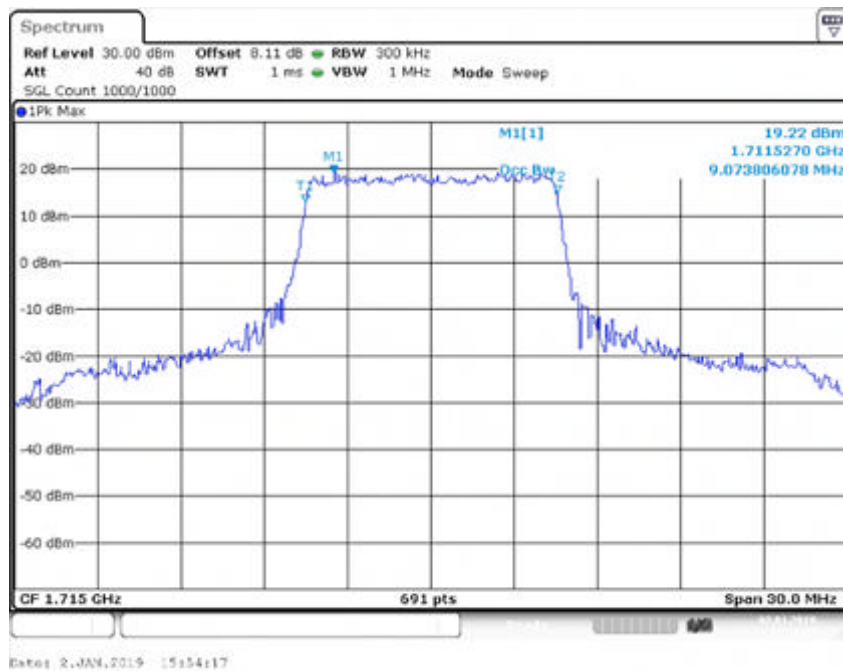


Fig.1

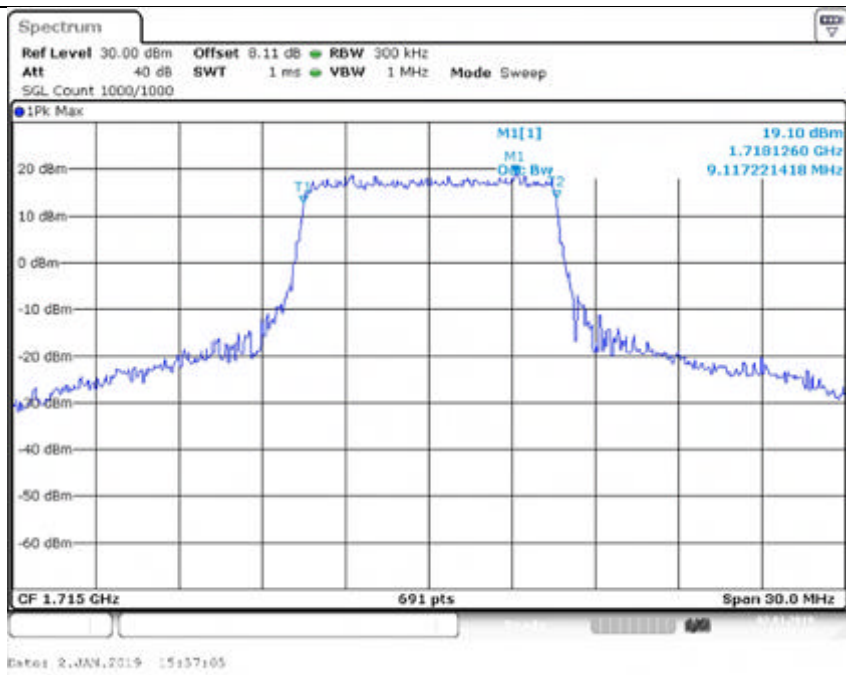


Fig.2

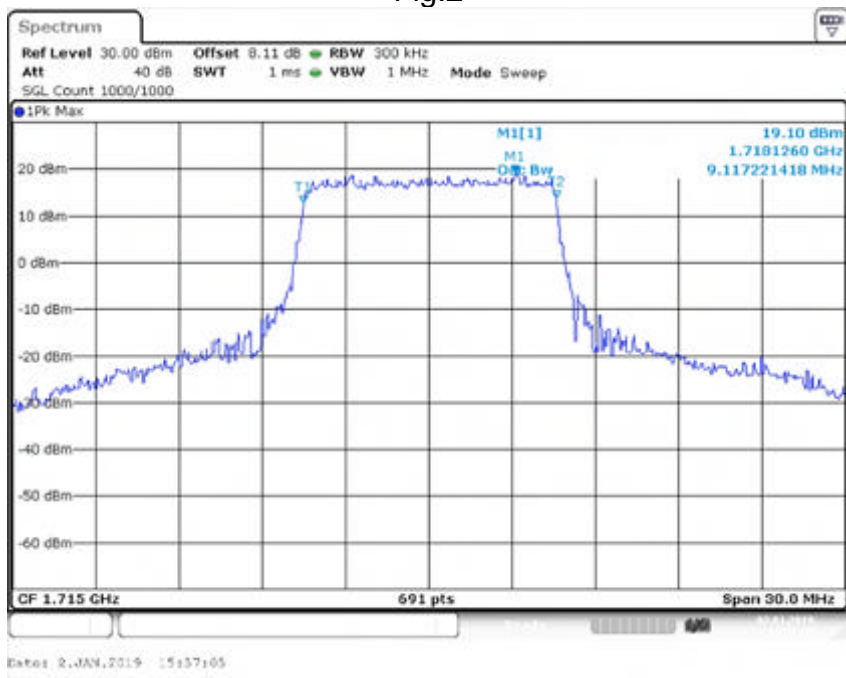


Fig.3

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1732.5	20175	10	50	0	9.074	Fig.1	9.074	Fig.2	9.074	Fig.3

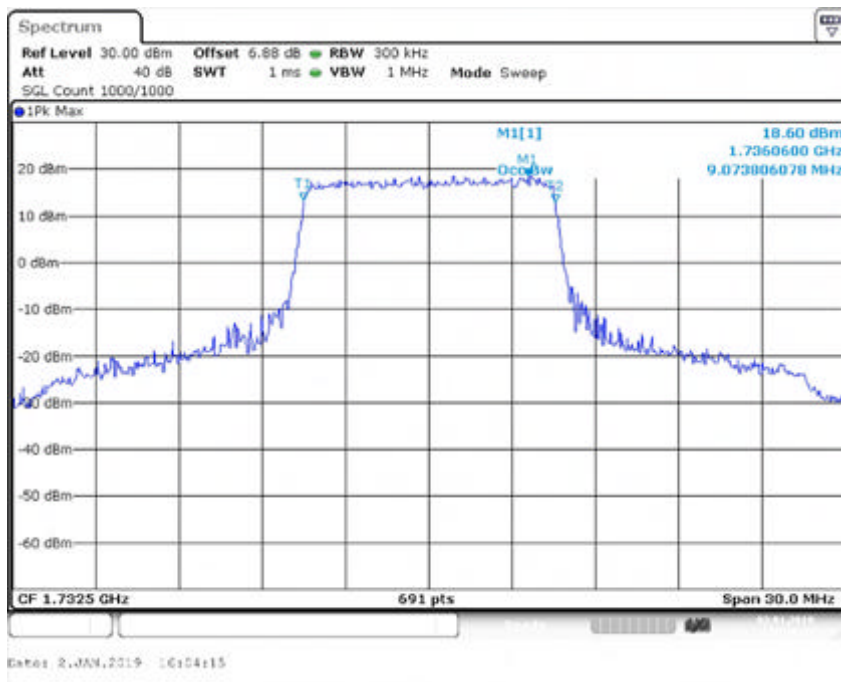


Fig.1

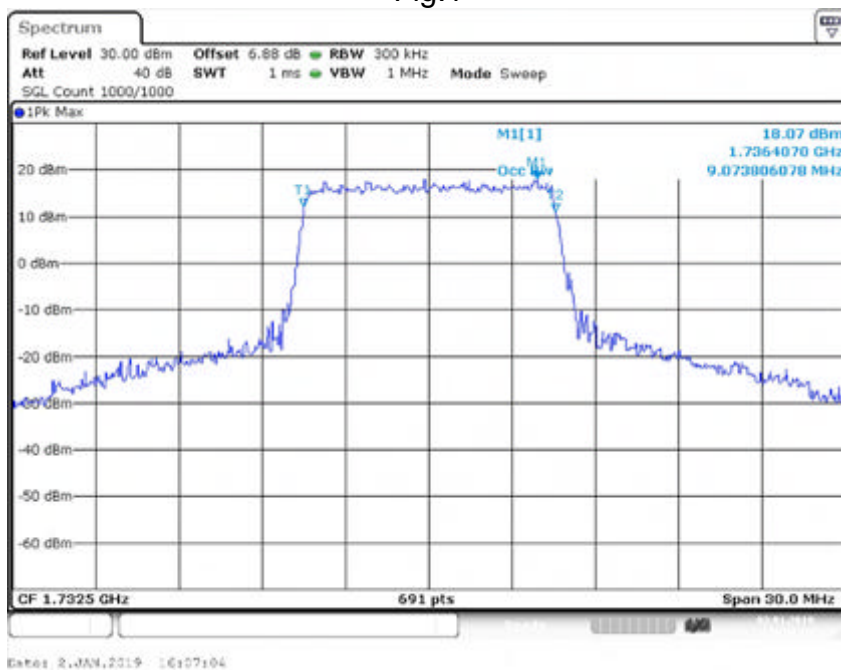


Fig.2

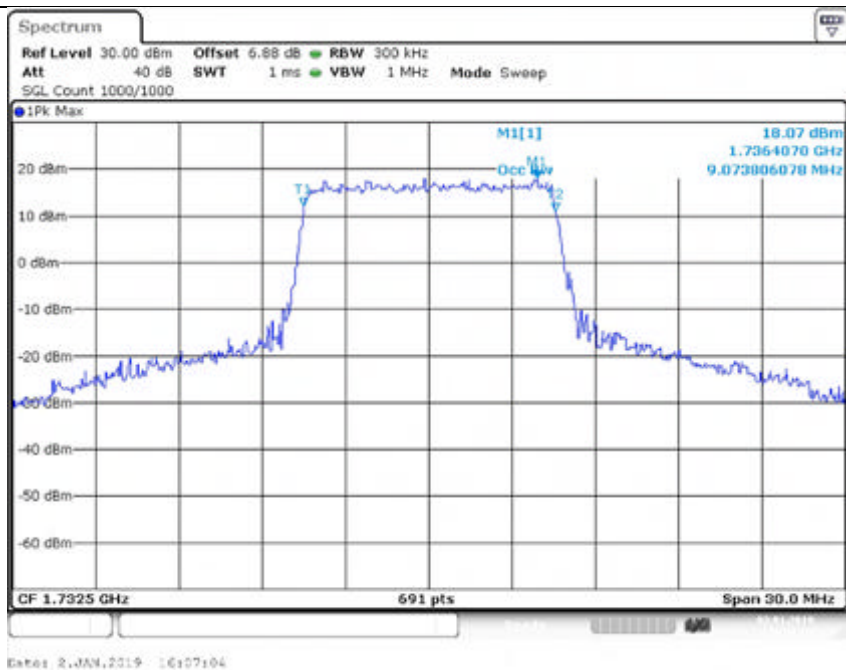


Fig.3

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK	16-QAM	64-QAM			
4	1750	20350	10	50	0	9.074	Fig.1	9.117	Fig.2	9.117	Fig.3

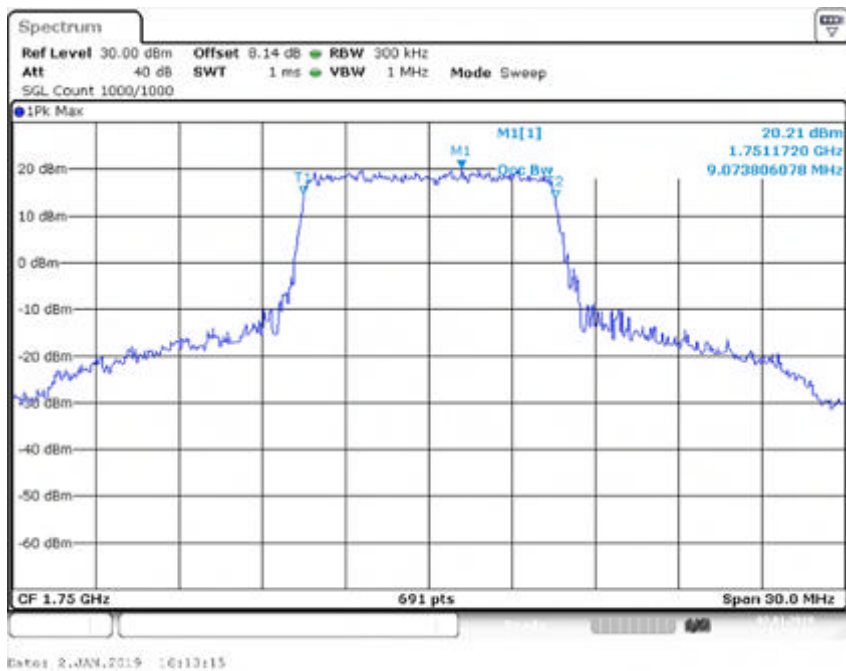


Fig.1

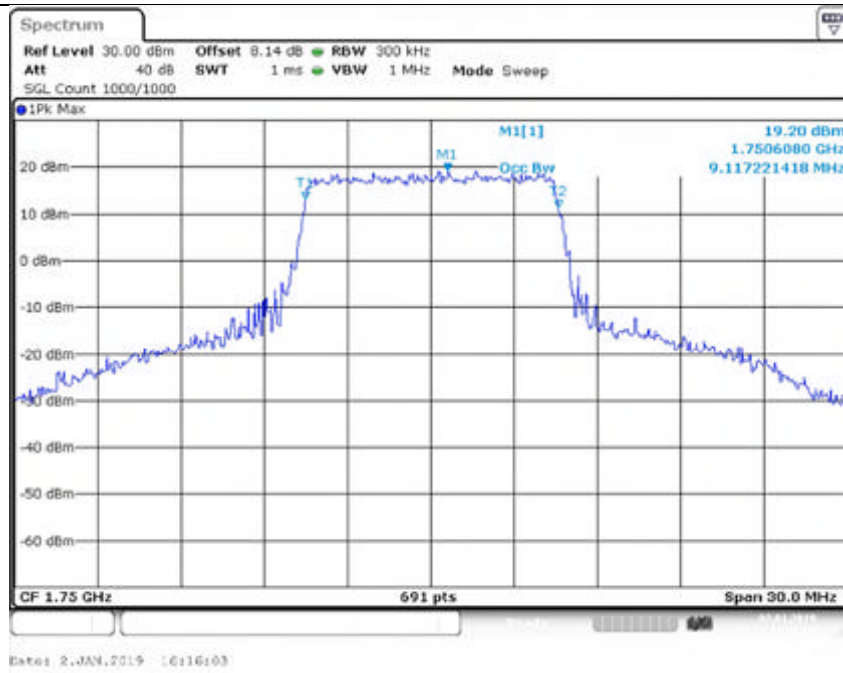


Fig.2

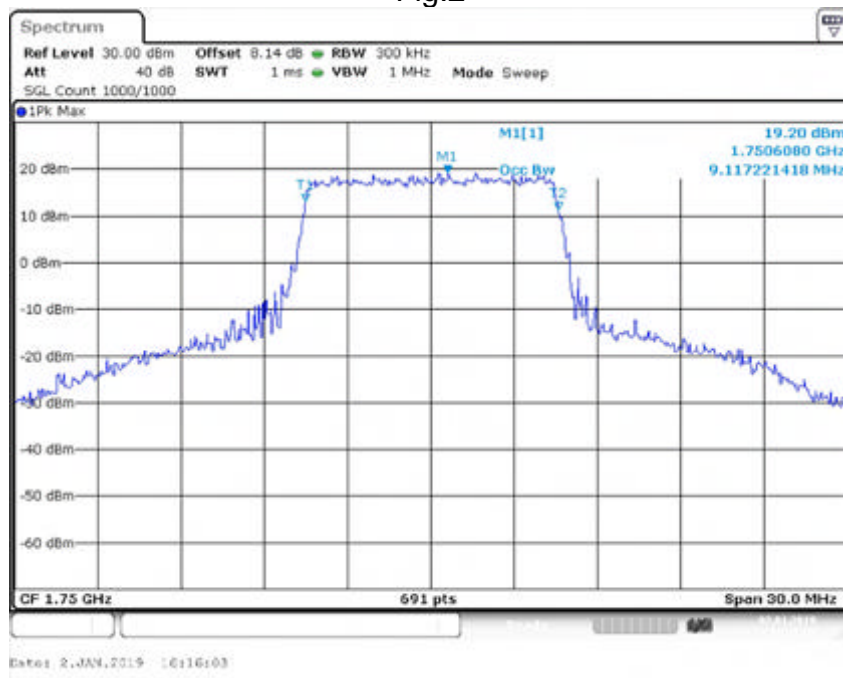


Fig.3

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1717.5	20025	15	75	0	13.480	Fig.1	13.546	Fig.2	13.546	Fig.3

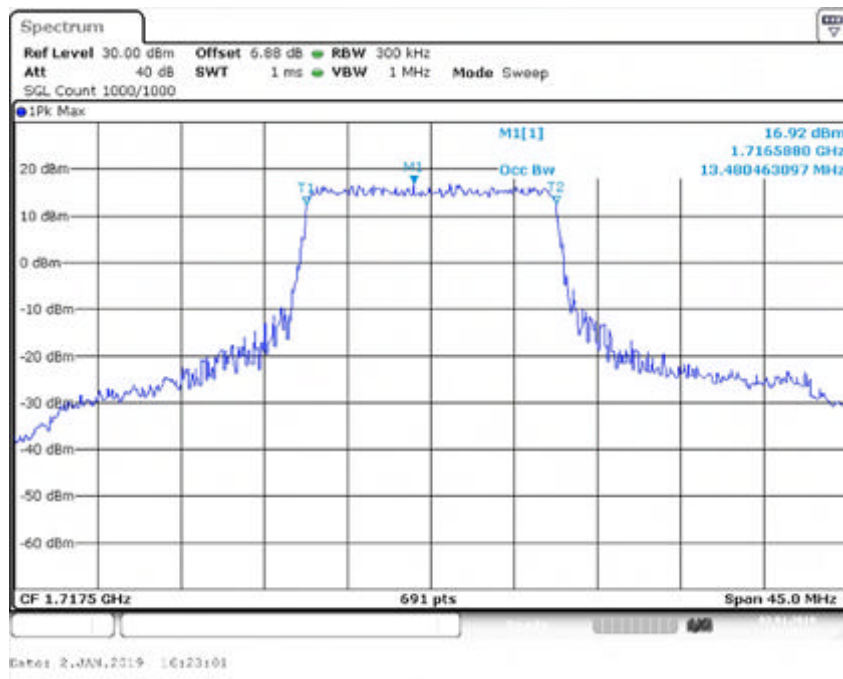


Fig.1

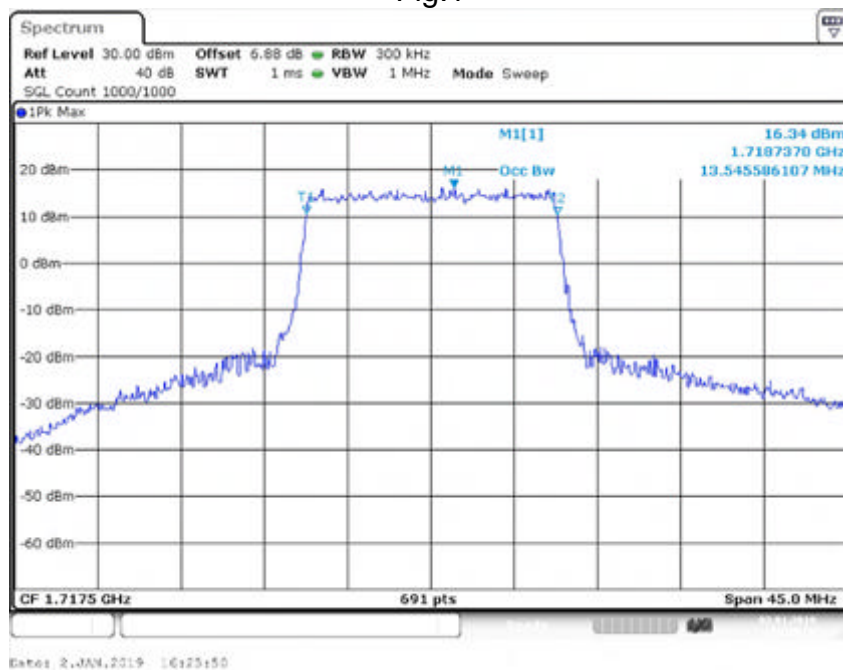


Fig.2

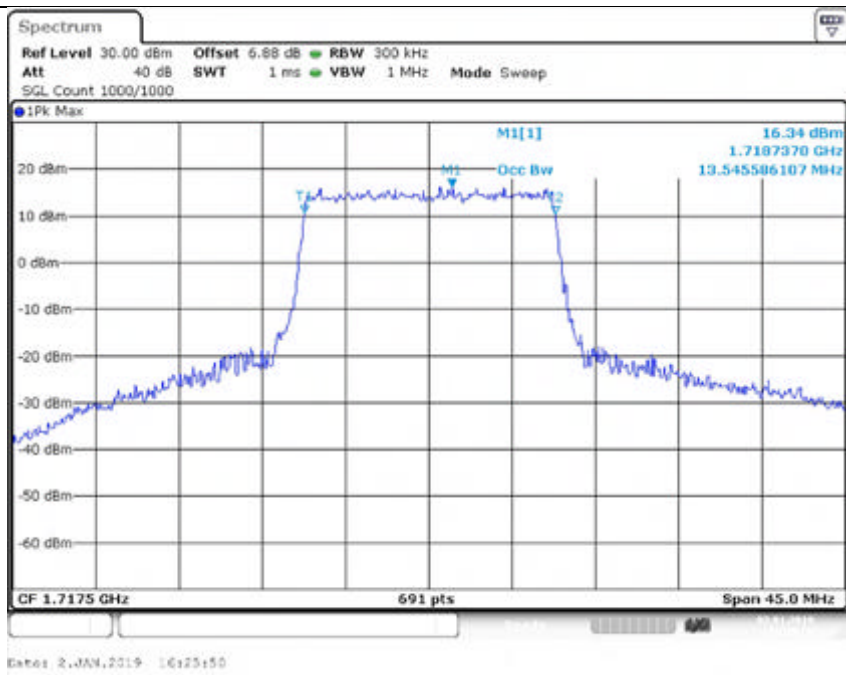


Fig.3

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		16-QAM	
4	1732.5	20175	15	75	0	13.480	Fig.1	13.480	Fig.2	13.480	Fig.3

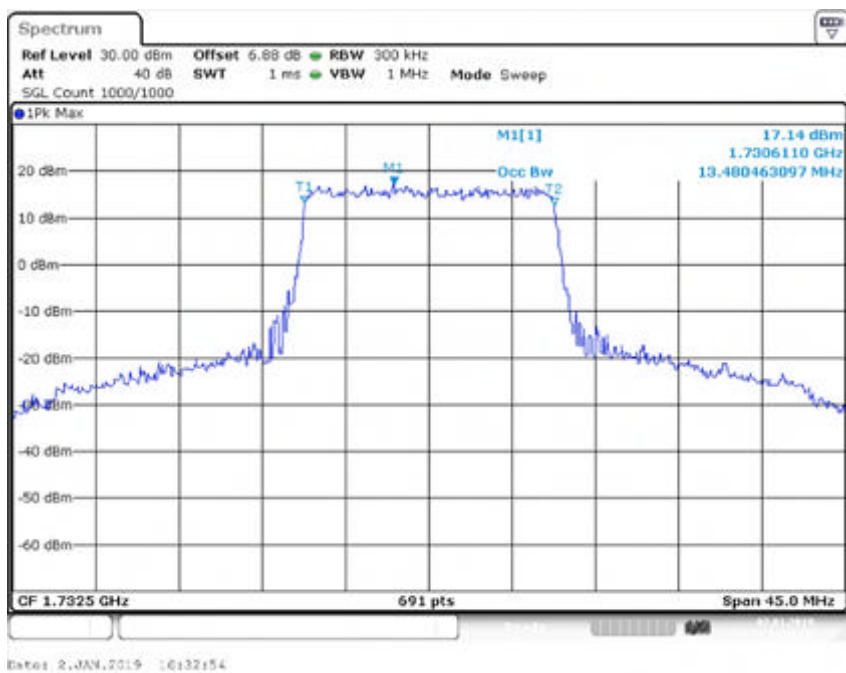


Fig.1

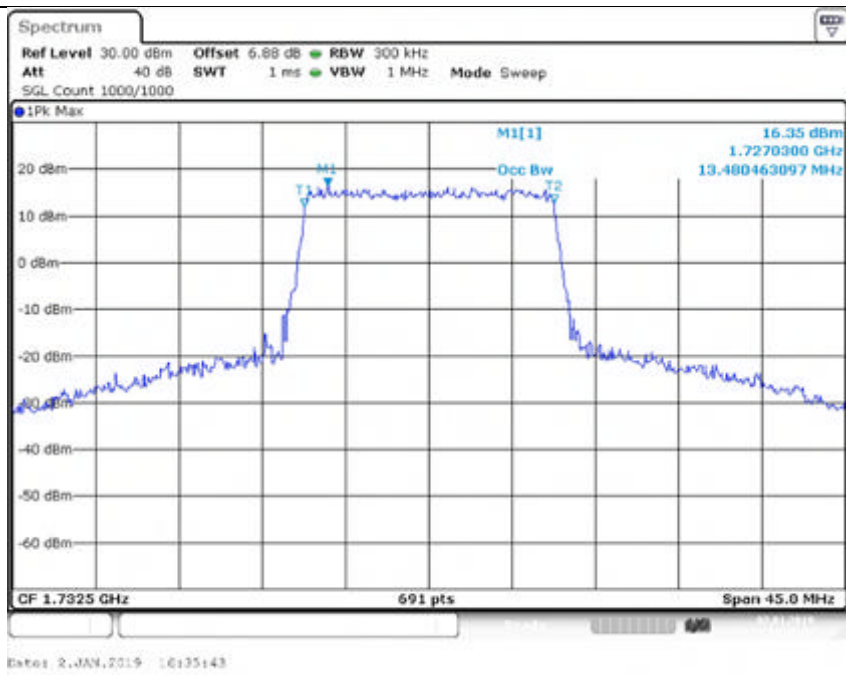


Fig.2

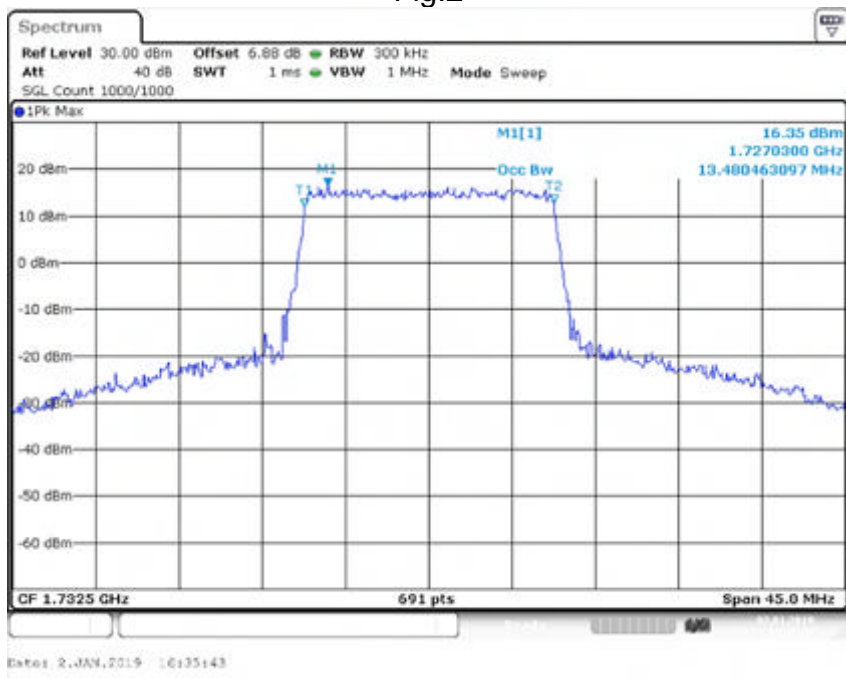


Fig.3

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1747.5	20325	15	75	0	13.480	Fig.1	13.546	Fig.2	13.546	Fig.3

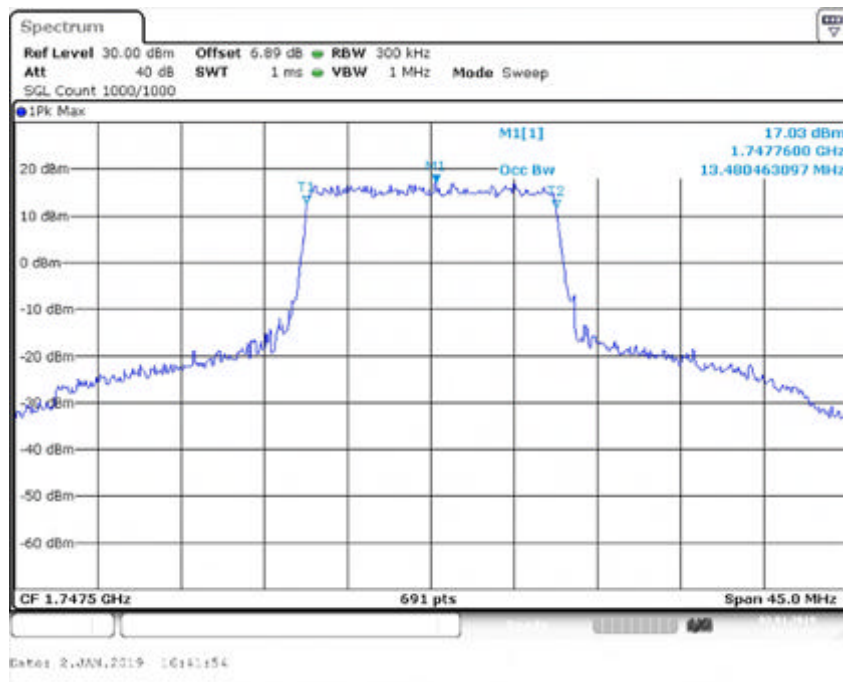


Fig.1

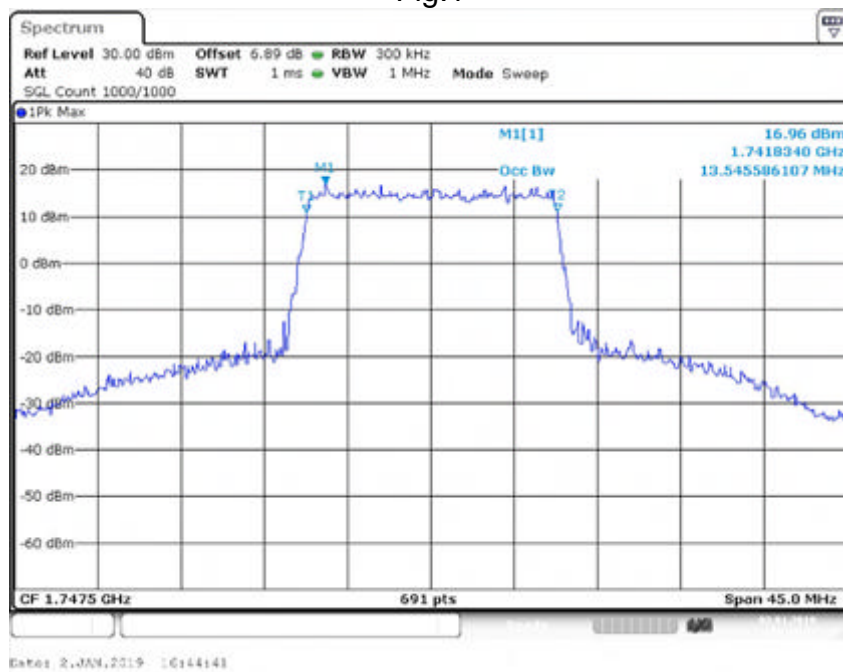


Fig.2

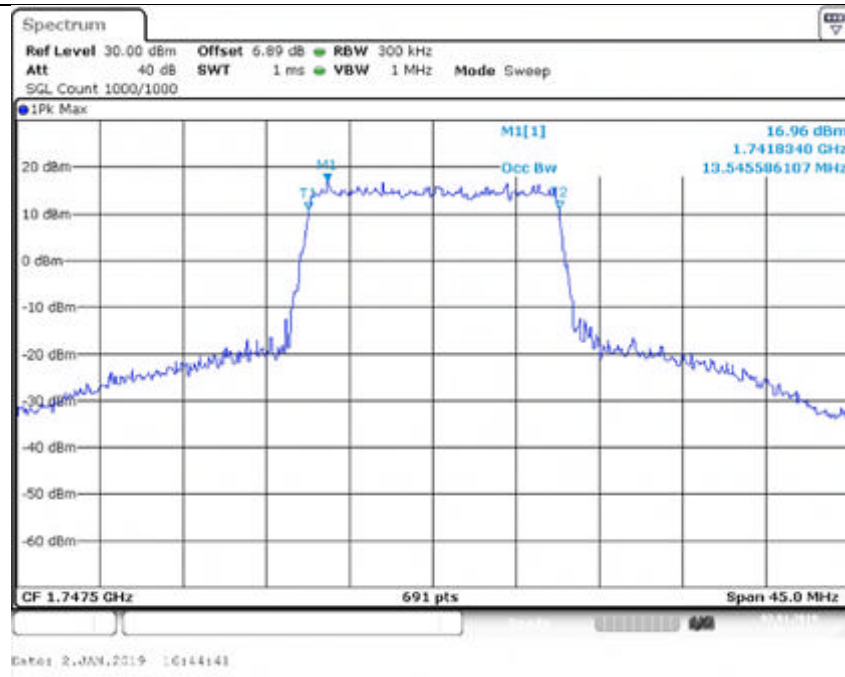


Fig.3

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1720	20050	20	100	0	17.974	Fig.1	17.974	Fig.2	17.974	Fig.3

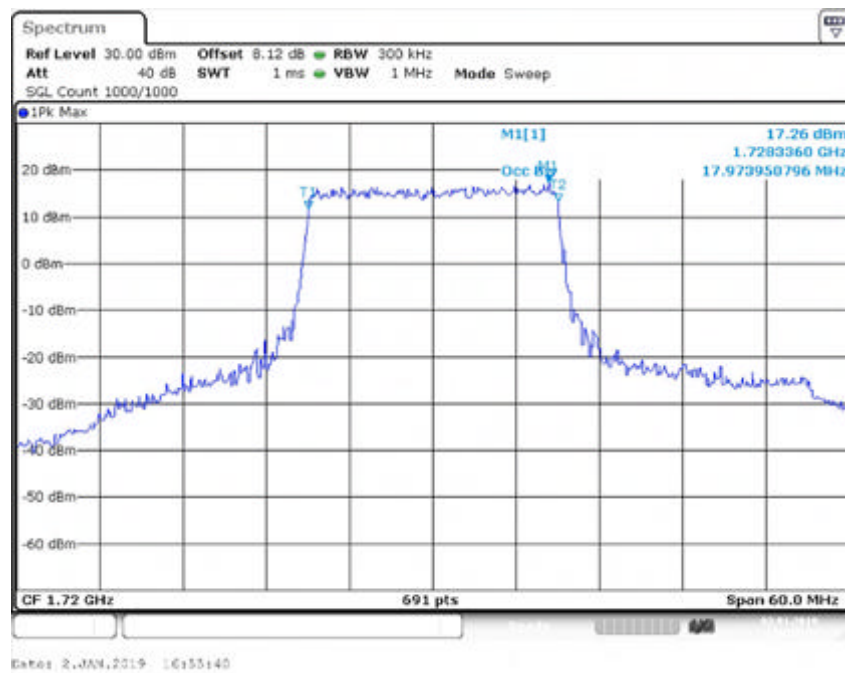


Fig.1

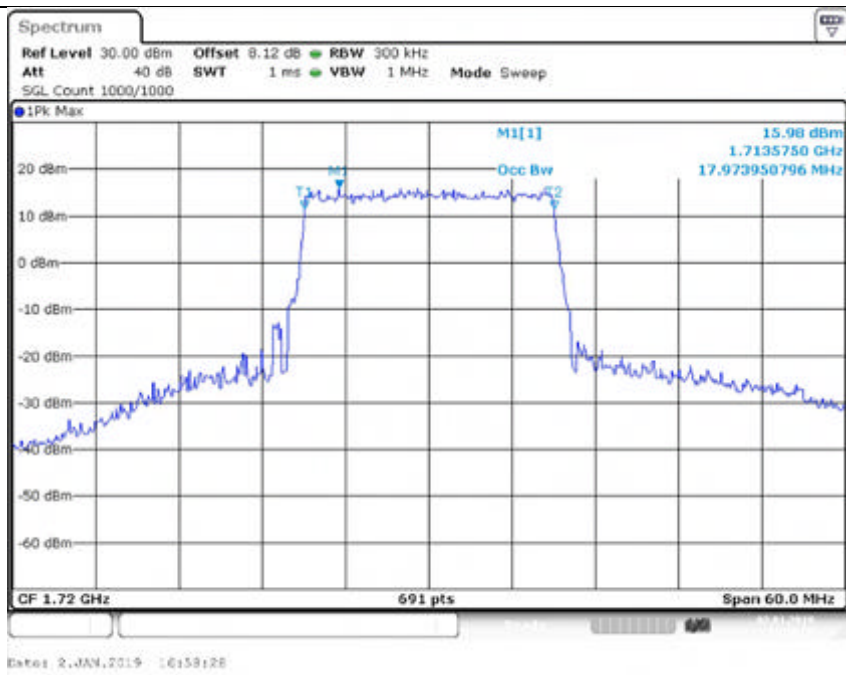


Fig.2

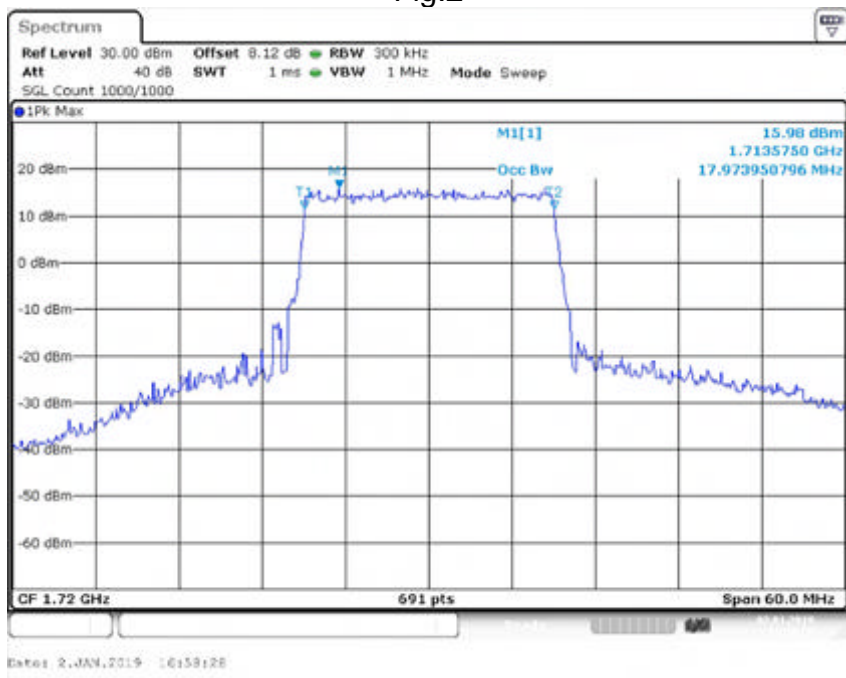


Fig.3

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1732.5	20175	20	100	0	17.974	Fig.1	18.061	Fig.2	18.061	Fig.3

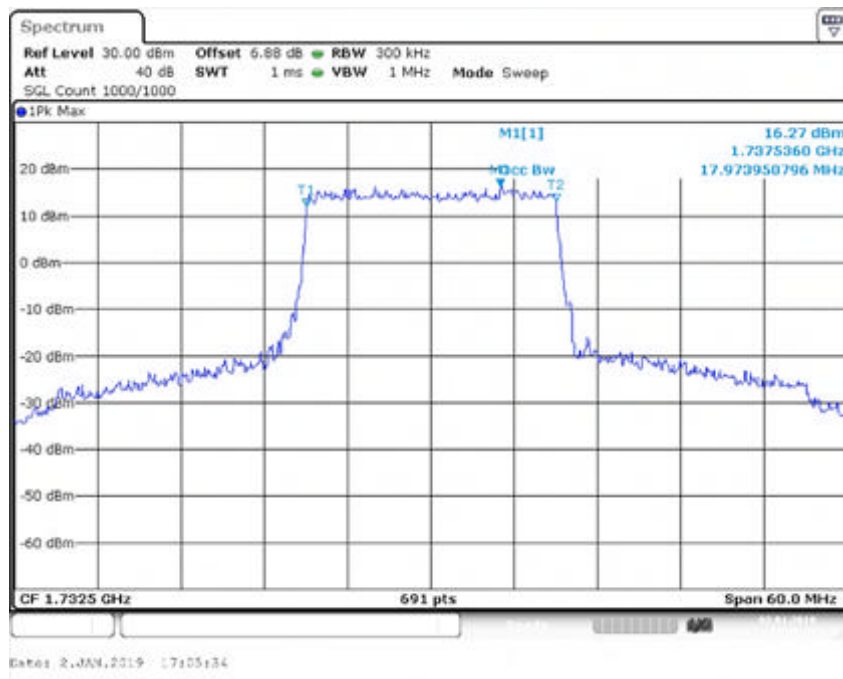


Fig.1

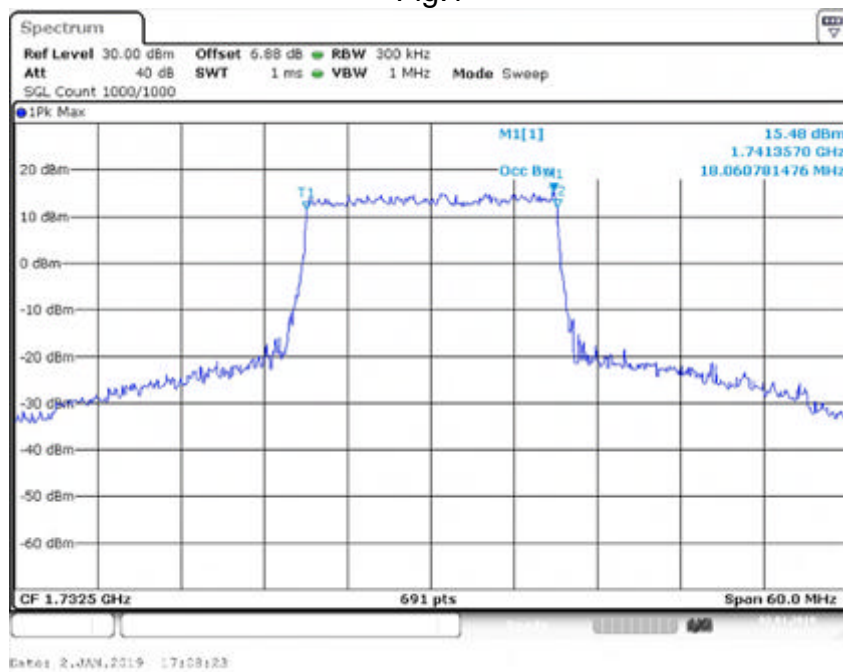


Fig.2

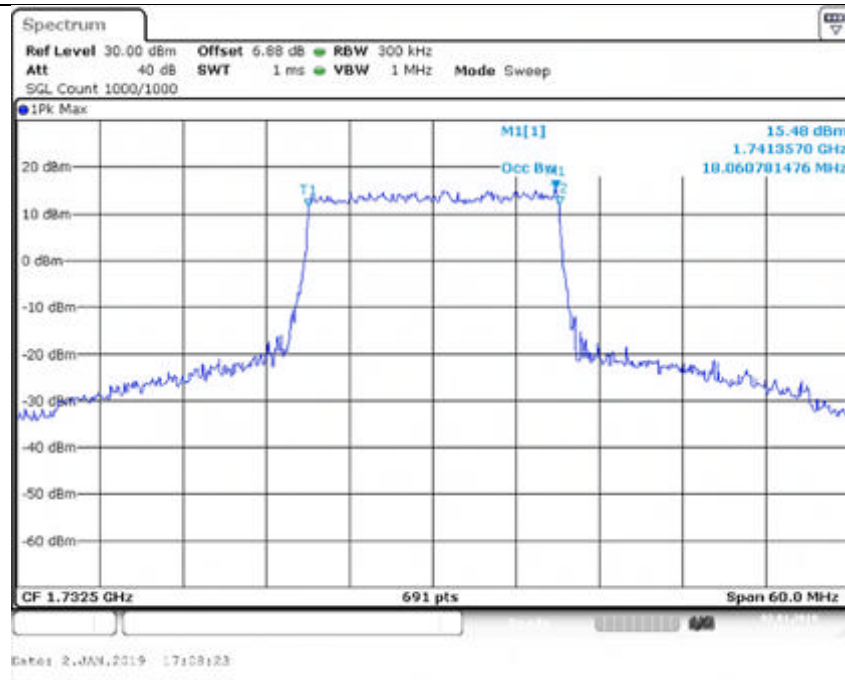


Fig.3

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1745	20300	20	100	0	17.974	Fig.1	17.974	Fig.2	17.974	Fig.3

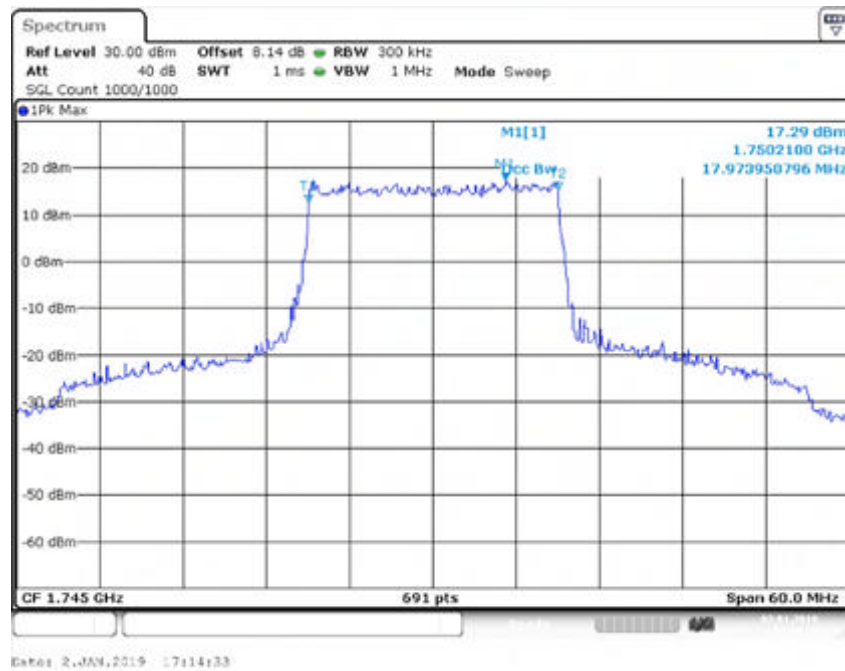


Fig.1

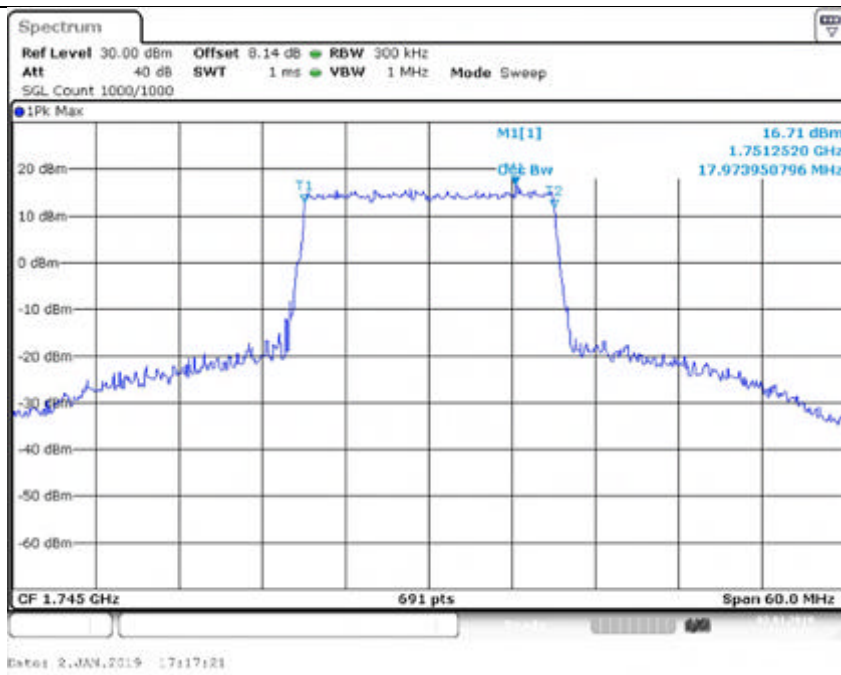


Fig.2

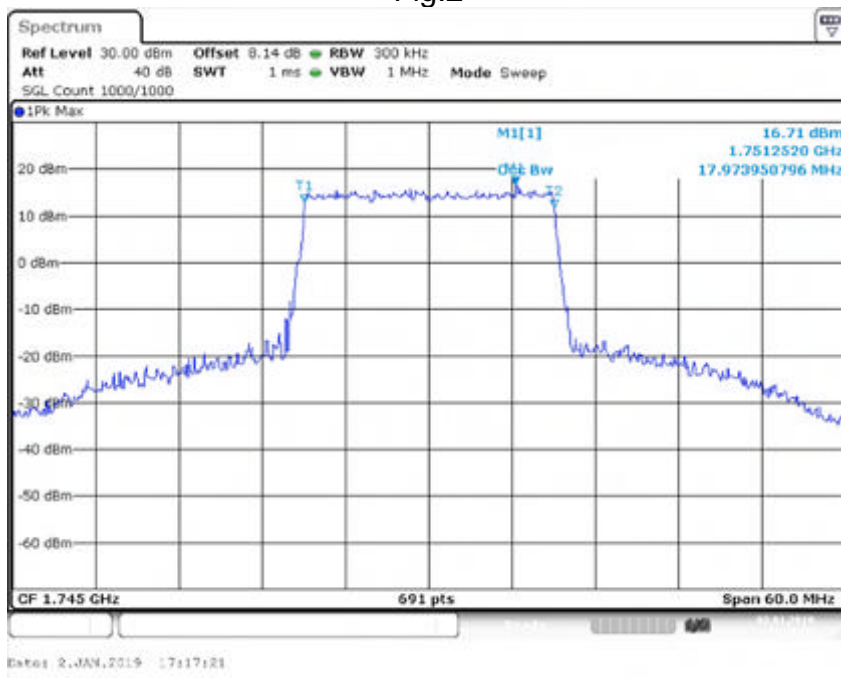


Fig.3

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		64-QAM	
4	1710.7	19957	1.4	6	0	1.3094	Fig.1	1.2764	Fig.2	1.2764	Fig.3



Fig.1



Fig.2

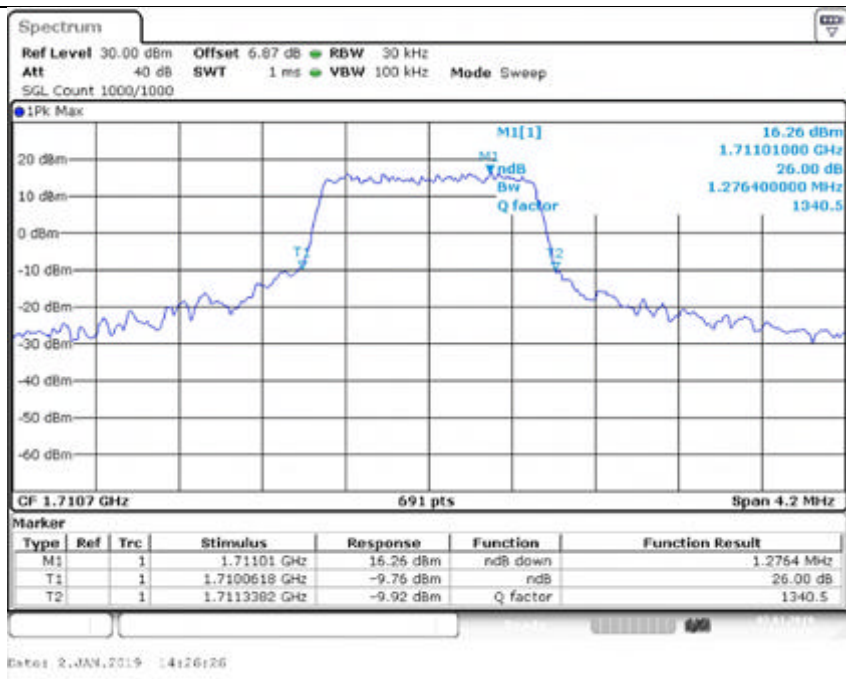


Fig.3

Band	Carrier frequency (MHz)	Channel(Mid)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1732.5	20175	1.4	6	0	1.3129	Fig.1	1.2825	Fig.2	1.2825	Fig.3



Fig.1

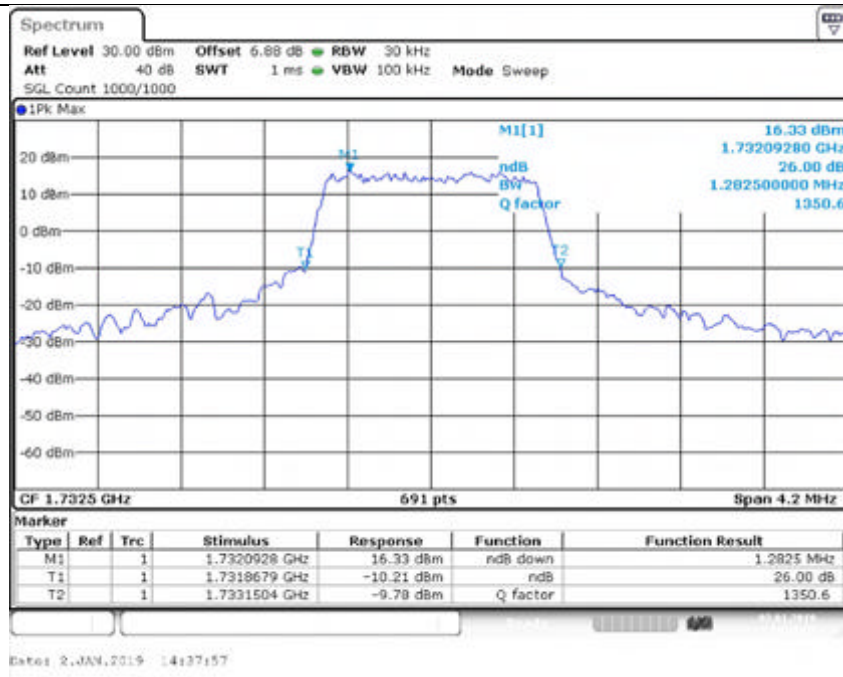


Fig.2

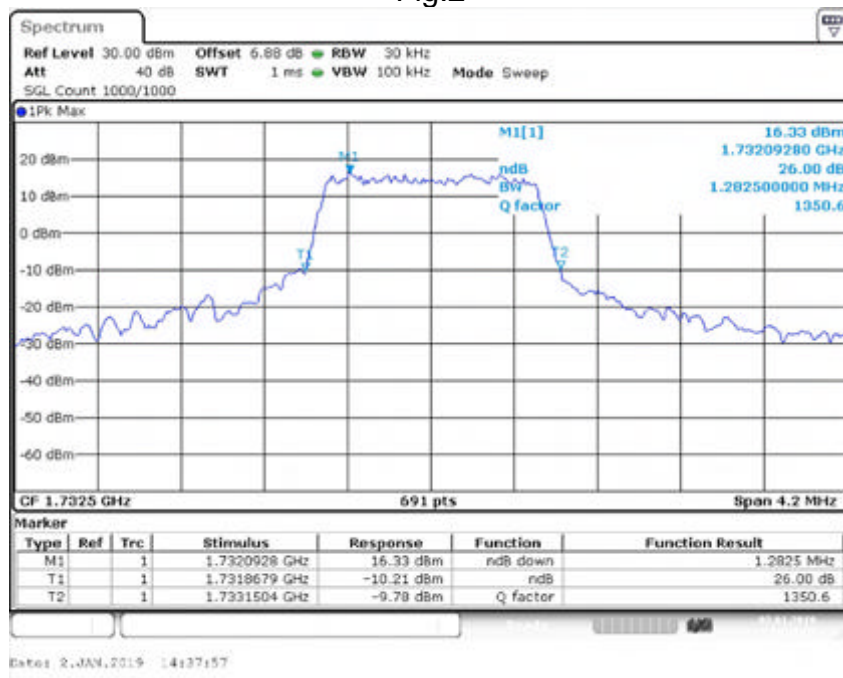


Fig.3

Band	Carrier frequency (MHz)	Channel(High)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1754.3	20393	1.4	6	0	1.3358	Fig.1	1.3547	Fig.2	1.3547	Fig.3

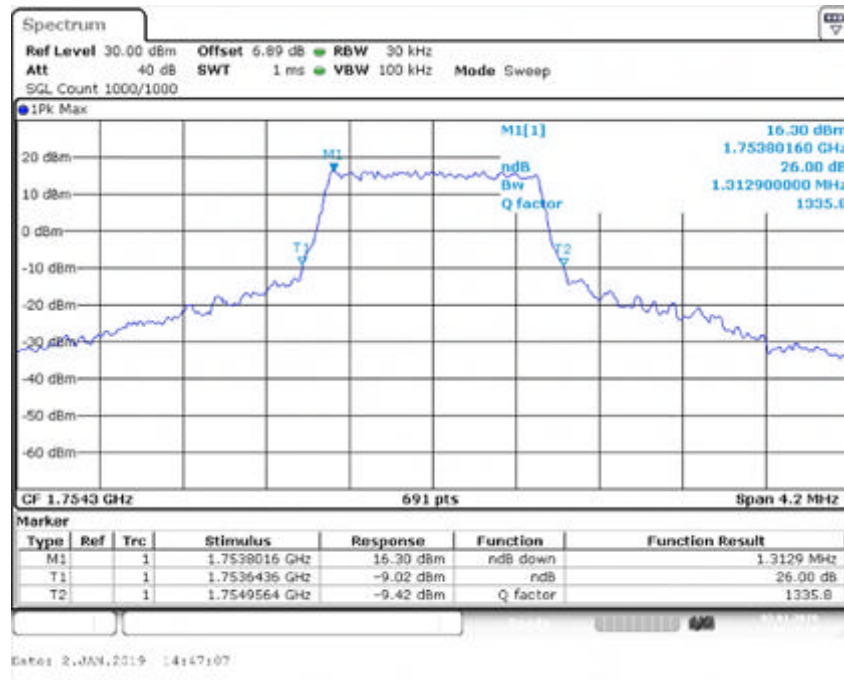


Fig.1

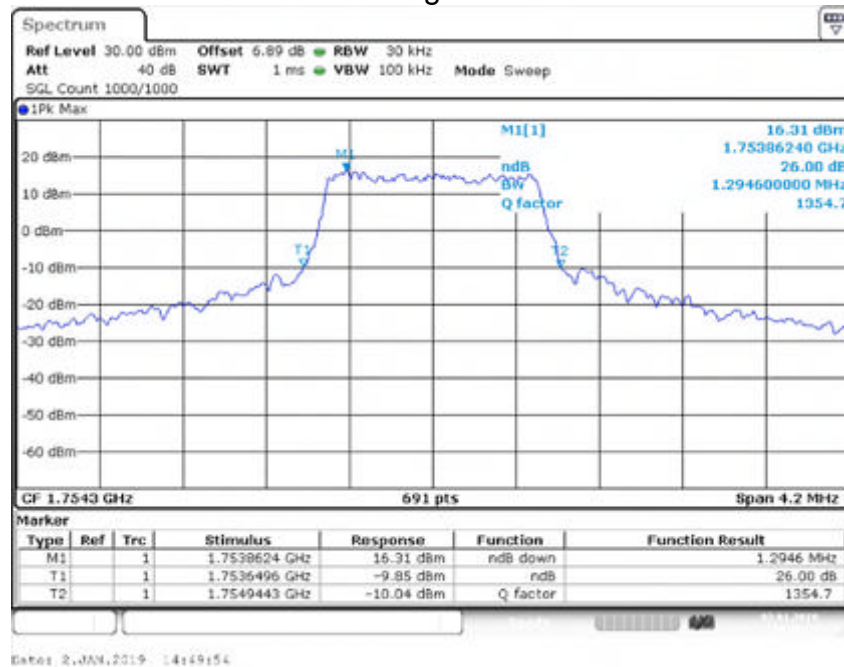


Fig.2

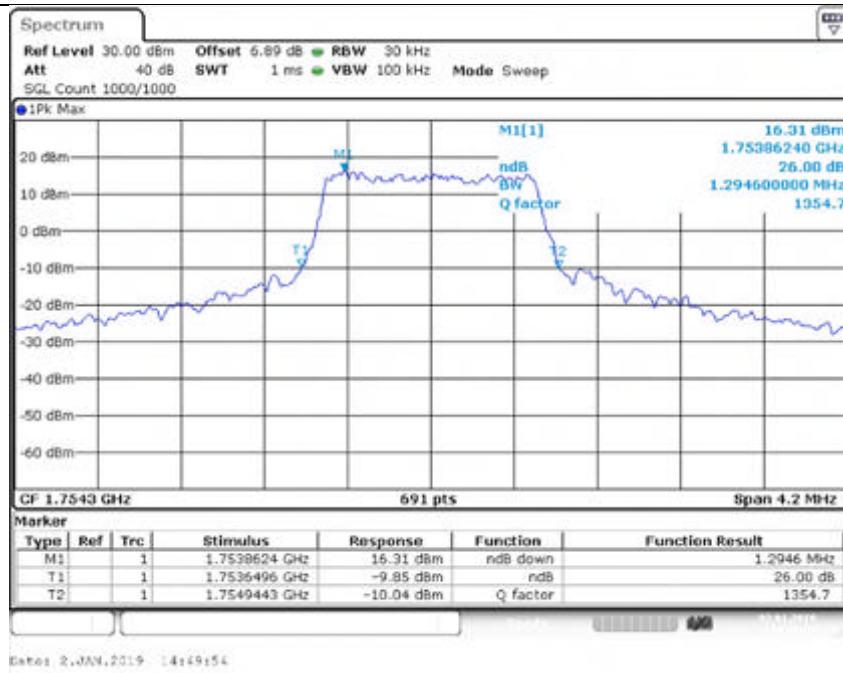


Fig.3

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)					
						QPSK	16-QAM	64-QAM			
4	1711.5	19965	3	15	0	2.800	Fig.1	3.204	Fig.2	3.204	Fig.3

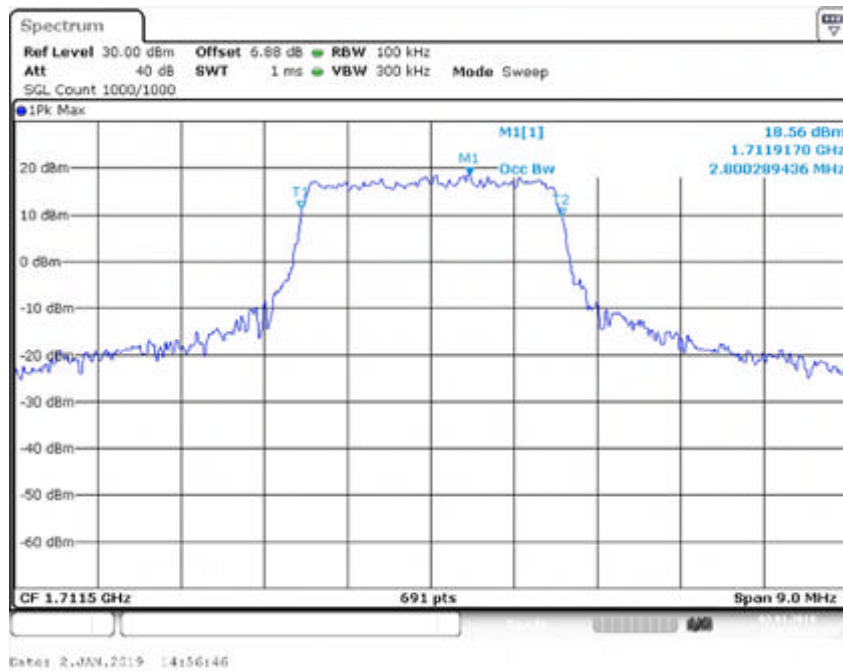


Fig.1