



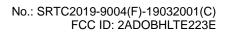
# APPENDIX A – TEST DATA OF CONDUCTED EMISSION LTE Band 2

### 1 RF Power Output

Antenna Gain=-1.6dBi

Antenna Ga	IN=-1.60BI					
	Carrier frequency	UL		RB	RB	Conducted
Modulation	(MHz)	Channel	BW	Size	Offset	power
	()	0110111101				(dBm)
				1	0	22.65
	1850.7	18607		1	5	22.65
	1000.7	10007		3	2	22.54
				6	0	22.45
				1	0	22.63
QPSK	1880	18900	1.4	1	5	22.63
QI OIX	1000	10300	1.7	3	2	22.50
				6	0	22.45
				1	0	22.58
	1000.3	19193		1	5	22.58
	1909.3	19193		3	2	22.43
				6	0	22.38
	Corrier fragues a	1.11		DD	DD	Conducted
Modulation	Carrier frequency	UL	BW	RB	RB Offset	power
	(MHz)	Channel		Size	Offset	(dBm)
				1	0	22.34
	4050.7	40007		1	5	22.34
	1850.7	18607		3	2	21.12
				6	0	21.08
				1	0	22.37
40044	4000	18900	1.4	1	5	22.37
16QAM	1880	18900	1.4	3	2	21.20
				6	0	21.15
				1	0	22.40
				1	5	22.40
	1909.3	19193		3	2	21.24
				6	0	21.16
				-		Conducted
Modulation	Carrier frequency	UL	BW	RB	RB	power
	(MHz)	Channel		Size	Offset	(dBm)
				1	0	22.38
	40===			1	5	22.38
	1850.7	18607		3	2	21.32
				6	0	21.27
			1	1	0	22.40
_				1	5	22.40
64QAM	1880	18900	1.4	3	2	21.32
				6	0	21.29
			┥	1	0	22.38
			-	1	5	22.38
	1909.3	19193		3	2	21.32
		1		6	0	21.20

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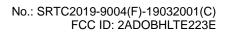


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NA - de de disco	O(NALL-)	LII. Ob a made	DW	DD 0:	DD 0%	Conducted
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	
				1	0	
	1851.5	18615				
QPSK	1880	18900	3			
	1908.5	19185				
				10	Ü	
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	
modulation	Gamer mequency (iiii iz)	02 0110111101		112 0.20	112 011001	
				1	0	
	1851.5	18615				
400414	4000	40000				
16QAM	1880	18900	3	8	4	21.26
					0	
				1	0	22.52
	1000 5	40405		1	14	22.52
	1908.5	19185		8	4	21.36
				15	0	21.28
						Conducted
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	power
						(dBm)
				1	0	22.46
	1851.5	18615		1	14	22.46
	1001.0	10013				
				15		
				1		
64QAM	1880	18900	3			
UTQ/NIVI	1000	10300				
				15		
	1908.5	19185				
	1300.3	19100				
				15	0	21.32

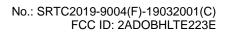
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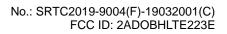
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
				1	0	22.77
	4050.5	40005		1	24	22.77
	1852.5	18625		1         0         22.77           1         24         22.77           12         6         22.66           25         0         22.57           1         0         22.74           1         24         22.74           12         6         22.61           25         0         22.56           1         0         22.66           1         24         22.66           12         6         22.51           25         0         22.46           Conducte (dBm)         1         0           1         0         22.46           1         24         22.46           12         6         21.24           25         0         21.20           1         0         22.48           1         24         22.48           1         24         22.48           1         0         22.48           1         0         22.48           1         0         22.48           1         0         22.48           1         0         22.48	22.66	
				25		
			_	1		
QPSK	1880	18900	5	12		
				25		
	1907.5	19175		<u> </u>		
						Conducted
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	
				1	0	
		4000=				
	1852.5	18625		12		
	4000	40000	_	1		
16QAM	1880	18900	5	12		
				<u> </u>		
				1		
	1907.5	19175		12		
				<u> </u>		
						Conducted
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	
				1	0	
	4050.5	40005				
	1852.5	18625		12		
0.40.4.4	4000	40000	_			
64QAM	1880	18900	5	<u> </u>		
	100= -	404==	,			
	1907.5	19175				



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Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
				1	0	22.81
	4055	40050		1	49	22.81
	1855	18650		24	12	22.70
				50	0	22.61
				1	0	22.71
ODCK	4000	40000	40	1	49	22.71
QPSK	1880	18900	10	24	12	22.58
				50	0	22.53
				1	0	22.74
	1005	40450		1	49	22.74
	1905	19150		24	12	22.59
				50	0	22.54
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
				1	0	22.50
	1055	10050		1	49	22.50
	1855	18650		24	12	21.28
				50	0	21.24
				1	0	22.45
16QAM	1880	10000	10	1	49	22.45
IOQAW	1000	18900	10	24	12	21.28
				50	0	21.23
				1	0	22.56
	1905	19150		1	49	22.56
	1905	19150		24	12	21.40
				50	0	21.32
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
				1	0	22.54
	1855	18650		1	49	22.54
	1000	10000		24	12	21.48
				50	0	21.43
				1	0	22.48
64QAM	1880	18900	10	1	49	22.48
0-1-9/ (IVI	1000	10000	'0	24	12	21.40
				50	0	21.37
				1	0	22.54
	1905	19150		1	49	22.54
	1000	13130		24	12	21.48
				50	0	21.36

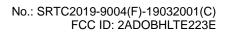


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	Carrier frequency	UL	514	RB	DD 0# .	Conducted
Modulation	(MHz)	Channel	BW	Size	Size RB Offset (dB 1 0 22.3 1 74 22.3 1 0 22.4 1 0 18 22.5 1 0 22.	
				1	0	
	1857.5	18675		No		
QPSK	1880	18900	15			
			1			
	1902.5	19125				
Modulation	Carrier frequency	UL	BW		RB Offset	
	(MHz)	Channel		Size		
				1	0	'
	1057.5	40075		1		
	1857.5	18675		40	18	
				75	0	21.28
				1	0	22.53
400 414	4000	40000	4.5	1	74	22.53
16QAM	1880	18900	15	40	18	21.36
				75	0	21.31
				1	0	22.59
	1002 F	10105		1	74	22.59
	1902.5	19125		40	18	21.43
				75	0	21.35
	Carrier frequency	UL		DD		Conducted
Modulation	(MHz)	Channel	BW		RB Offset	power
	(1711 12)	Charine		Size		(dBm)
				1		22.60
	1857.5	18675		1	74	22.60
	1037.9	10075			18	
				75		
				1	0	
64QAM	1880	18900	15			
UTQ/IVI	1000	10300	'3			
				75		
	1902.5	19125				22.57
	1302.3	19123			18	21.51
				75	0	21.39

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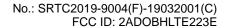


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	0 : ( (441)		DW	DD 0:	55.0%	Conducted
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	
				1	0	
	1860	18700		RB Size         RB Offset         power (dBm)           1         0         22.98           1         99         22.98           50         25         22.87           100         0         22.78           1         0         22.90           1         99         22.90           50         25         22.77           100         0         22.89           1         99         22.89           50         25         22.74           100         0         22.69           RB Size         RB Offset         Conducter power (dBm)           1         0         22.67           50         25         21.45           100         0         21.41           1         0         22.67           50         25         21.45           100         0         21.41           1         0         22.64           50         25         21.47           100         0         21.42           1         0         22.71           50         25         21.55           100         0 </td <td></td>		
QPSK	1880	18900	20			
				_		
	1900	19100				
				100	U	
Modulation	Carrier frequency (MHz)	UL Channel	BW	DR Sizo	PR Offset	
Modulation	Carrier frequency (wiriz)	OL Charine	DVV	ND SIZE	KD Oliset	
				1	0	
	1860	18700				
16QAM	1880	18900	20	-		
				•	_	
	1900	19100		-		
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	
	, ,					
				1	0	
	4000	40700		1	99	
	1860	18700		50	25	
				1	0	22.67
640084	4000	10000	20	1	99	
64QAM	1880	18900	20	50		
				100	0	21.56
				1	0	
	4000	10100		1	99	
	1900	19100		50		
				100	0	21.51

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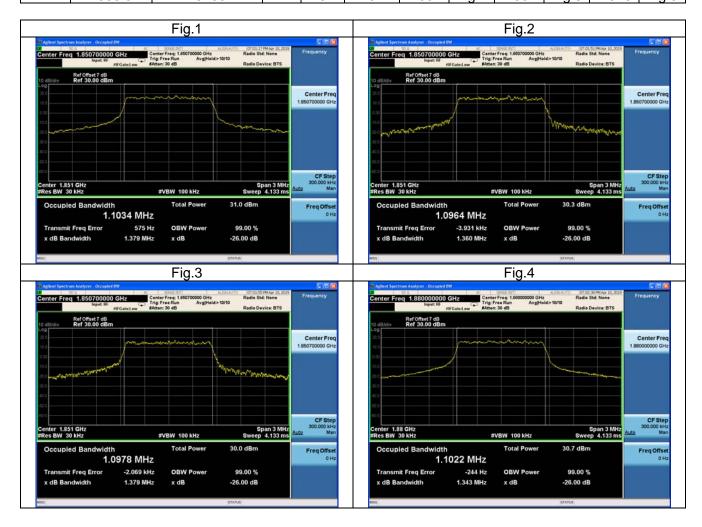


#### 2 Occupied Bandwidth

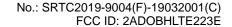
#### Test result

Band	Carrier frequency	Channel(Low)	BW	RB	RB Offset		Bandwi	andwidth of 99% Power (MHz)					
Danu	(MHz)	Charmer(Low)	DVV	Size	Offset	QPSK		16-QAM		64-QAM			
2	1850.7	18607	1.4	6	0	1.1034	1.1034 Fig.1		Fig.2	1.0978	Fig.3		
2	1880.0	18900	1.4	6	0	1.1022 Fig.4		1.1029	Fig.5	1.0992	Fig.6		
2	1909.3	19193	1.4	6	0	1.0977 Fig.7		1.1003	Fig.8	1.0976	Fig.9		

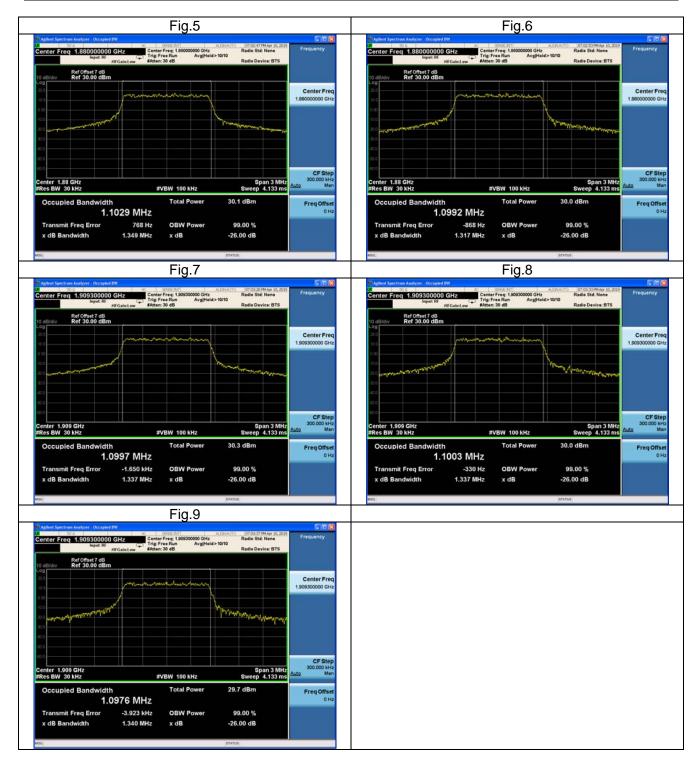
Band	Carrier	Channel(Low)	BW	RB	RB	Bandwidth of -26dB transmitter power (MHz)						
Danu	frequency (MHz)	Channel(Low)	DVV	Size	Offset	QPSK		16-QAM		64-QAM		
2	1850.7	18607	1.4	6	0	1.379	Fig.1	1.360	Fig.2	1.379	Fig.3	
2	1880.0	18900	1.4	6	0	1.343	Fig.4	1.349	Fig.5	1.317	Fig.6	
2	1909.3	19193	1.4	6	0	1.337	Fig.7	1.337	Fig.8	1.346	Fig.9	



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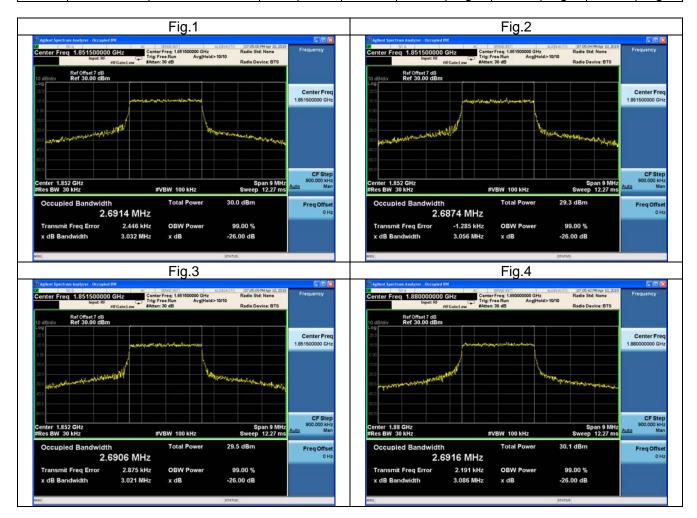
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Band	Carrier frequency	Channel(Low)	BW	RB	RB Offset	I	Bandwi	andwidth of 99% Power (MHz)					
Danu	(MHz)	Charmer(Low)	DVV	Size	Offset	QPSK		16-QAM		64-QAM			
2	1851.5	18615	3	15	0	2.6914	2.6914 Fig.1		Fig.2	2.6906	Fig.3		
2	1880.0	18900	3	15	0	2.6916	Fig.4	2.6905	Fig.5	2.6899	Fig.6		
2	1908.5	19185	3	15	0	2.6890 Fig.7		2.6882	Fig.8	2.6875	Fig.9		

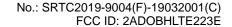
Dond	Carrier	Channal(Law)	BW	RB	RB	Bar	dwidth	of -26dE (Mł		nitter po	wer
Band	frequency (MHz)	Channel(Low)	DVV	Size	Offset	QPSK		16-QAM		64-QAM	
2	1851.5	18615	3	15	0	3.032	Fig.1	3.056	Fig.2	3.021	Fig.3
2	1880.0	18900	3	15	0	3.086	Fig.4	3.056	Fig.5	3.034	Fig.6
2	1908.5	19185	3	15	0	3.094	Fig.7	3.101	Fig.8	3.035	Fig.9



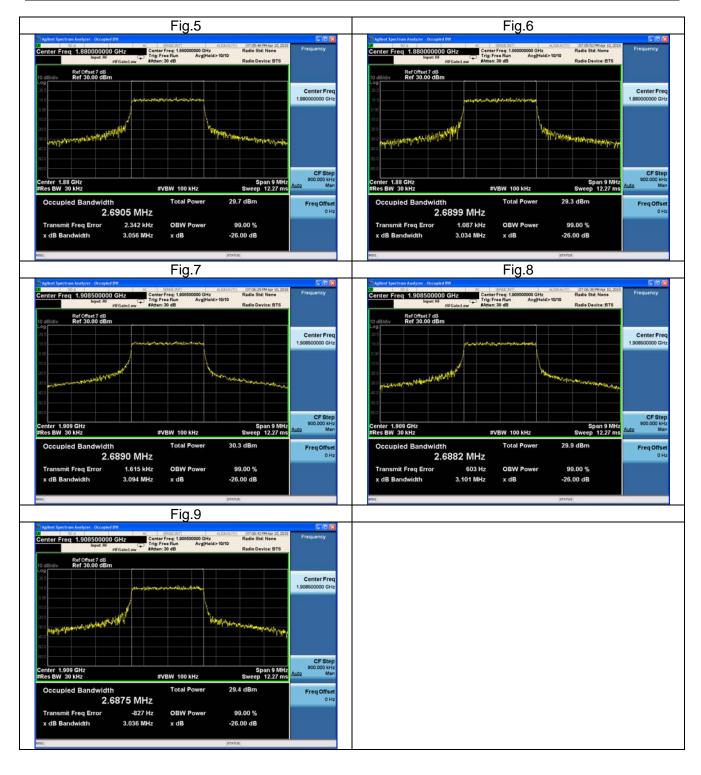
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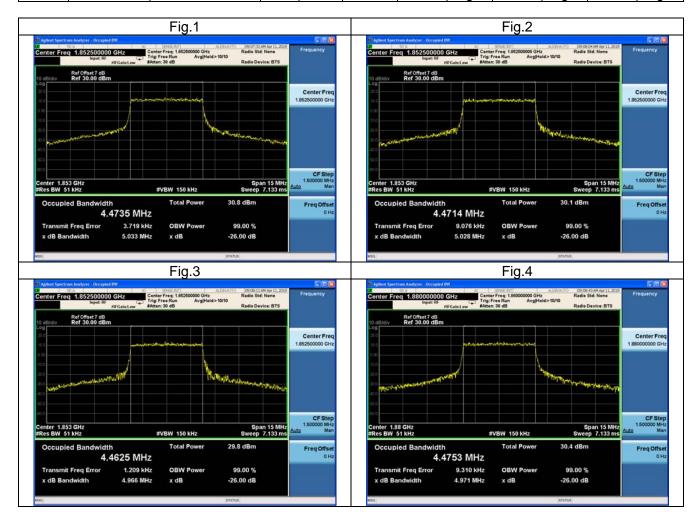
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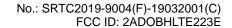


Band	Carrier		BW	RB		Bandwidth of 99% Power (MHz)						
Dallu	frequency (MHz)	Charmer(Low)	DVV	Size	Offset	QPSK		16-QAM		64-QAM		
2	1852.5	18625	5	25	0	4.4735	Fig.1	4.4714	Fig.2	4.4625	Fig.3	
2	1880.0	18900	5	25	0	4.4753	Fig.4	4.4763	Fig.5	4.4667	Fig.6	
2	1907.5	19175	5	25	0	4.4767	Fig.7	4.4794	Fig.8	4.4775	Fig.9	

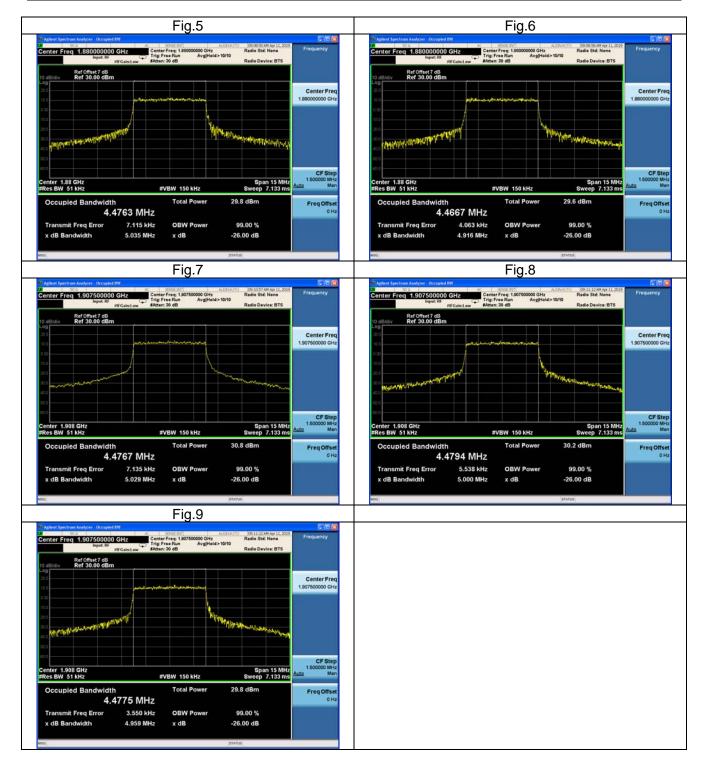
Dond	Carrier	Channel(Low)	BW	RB	RB	Bar	dwidth	of -26dE (Ml		nitter pov	wer
Band	frequency (MHz)	Channel(Low)	DVV	Size	Offset	QPSK		16-QAM		64-QAM	
2	1852.5	18625	5	25	0	5.033	Fig.1	5.028	Fig.2	4.966	Fig.3
2	1880.0	18900	5	25	0	4.971	Fig.4	5.035	Fig.5	4.916	Fig.6
2	1907.5	19175	5	25	0	5.029	Fig.7	5.000	Fig.8	4.959	Fig.9



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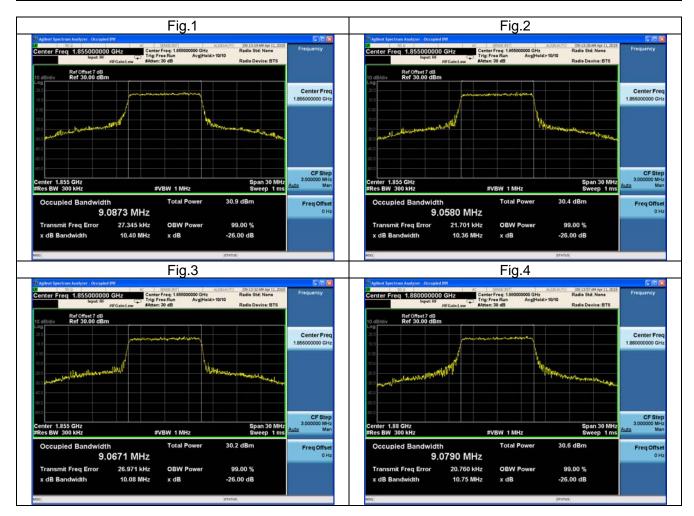
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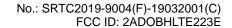


Band	Carrier	Channel(Low)	BW	RB	RB	Bandwidth of 99% Power (MHz)						
Danu	frequency (MHz)	Charmer(Low)	DVV	Size	Offset	QPS	SK	16-Q	AM	64-Q	AM	
2	1855	18650	10	50	0	9.0873	Fig.1	9.0580	Fig.2	9.0671	Fig.3	
2	1880	18900	10	50	0	9.0790	Fig.4	9.0733	Fig.5	9.0703	Fig.6	
2	1905	19150	10	50	0	9.0826	Fig.7	9.0704	Fig.8	9.0815	Fig.9	

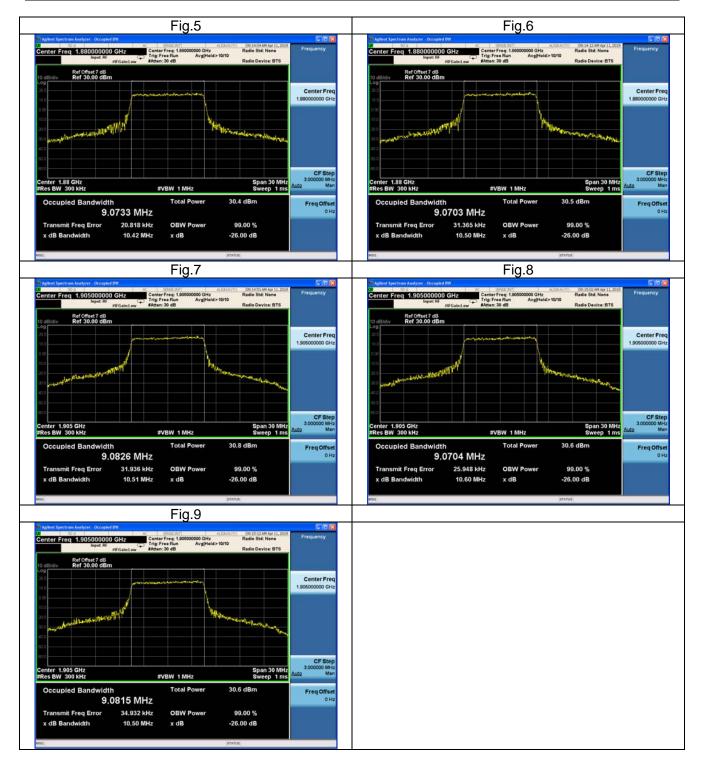
Bond	Carrier	Channal(Law)	D\//	BW RB RB		Ban	Bandwidth of -26dB transi (MHz)				nitter power		
Band	frequency (MHz)	Channel(Low)	DVV	Size	Offset	QP	SK	16-C	MA	64-C	QAM		
2	1855	18650	10	50	0	10.40	Fig.1	10.36	Fig.2	10.08	Fig.3		
2	1880	18900	10	50	0	10.75	Fig.4	10.42	Fig.5	10.50	Fig.6		
2	1905	19150	10	50	0	10.51	Fig.7	10.60	Fig.8	10.50	Fig.9		



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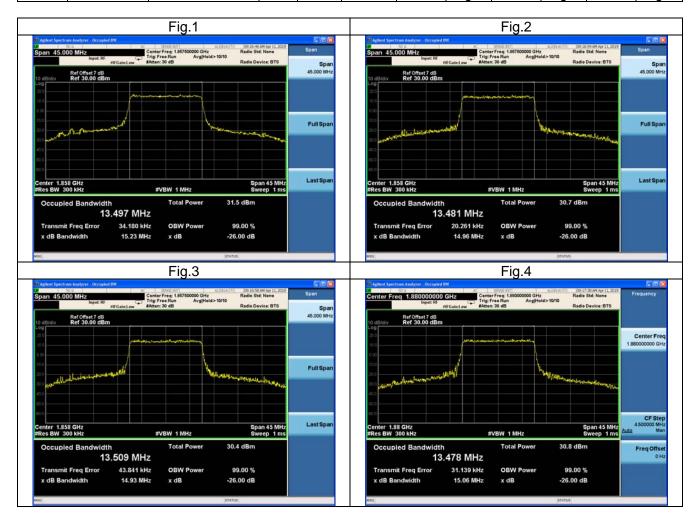
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Band	Carrier	Channel(Low)	BW	, RB RB		[	Bandwidth of 99% Power				r (MHz)	
Danu	frequency (MHz)	Charmer(LOW)	DVV	Size	Offset	QPSK		16-Q	AM	64-QAM		
2	1857.5	18675	15	75	0	13.497	Fig.1	13.481	Fig.2	13.509	Fig.3	
2	1880.0	18900	15	75	0	13.478	Fig.4	13.502	Fig.5	13.495	Fig.6	
2	1902.5	19125	15	75	0	13.520	Fig.7	13.517	Fig.8	13.514	Fig.9	

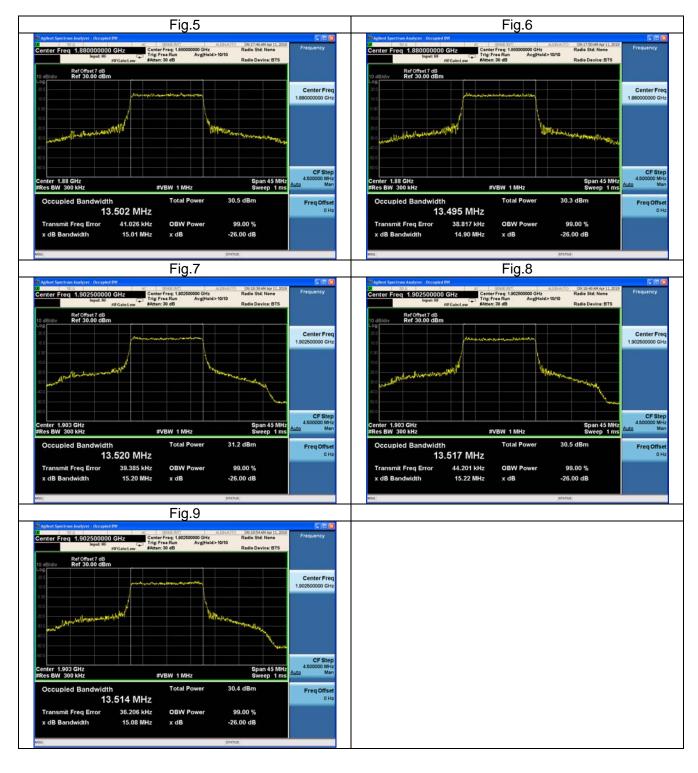
Dond	Carrier	Channal(Law)	DW.	BW RB RB		Ban	Bandwidth of -26dB transr (MHz)			nitter power		
Band	frequency (MHz)	Channel(Low)	DVV	Size	Offset	QP	SK	16-C	MA	64-C	QAM	
2	1857.5	18675	15	75	0	15.23	Fig.1	14.96	Fig.2	14.93	Fig.3	
2	1880.0	18900	15	75	0	15.06	Fig.4	15.01	Fig.5	14.90	Fig.6	
2	1902.5	19125	15	75	0	15.20	Fig.7	15.22	Fig.8	15.08	Fig.9	



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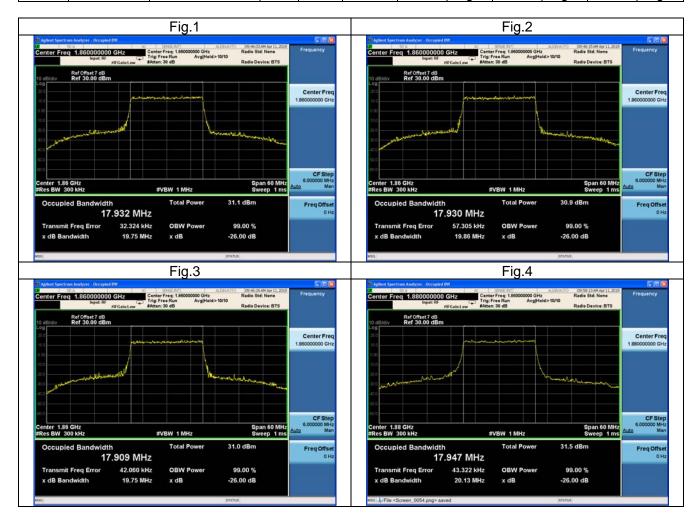
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Band	Carrier frequency (MHz)	Channel(Low)	BW	RB	RB	Bandwidth of 99% Power (MHz)					
Danu		Charmer(Low)	DVV	Size	Offset	QPS	SK	16-Q	AM	64-Q	AM
2	1860	18700	20	100	0	17.932	Fig.1	17.930	Fig.2	17.909	Fig.3
2	1880	18900	20	100	0	17.947	Fig.4	17.938	Fig.5	17.940	Fig.6
2	1900	19100	20	100	0	17.980	Fig.7	17.955	Fig.8	17.963	Fig.9

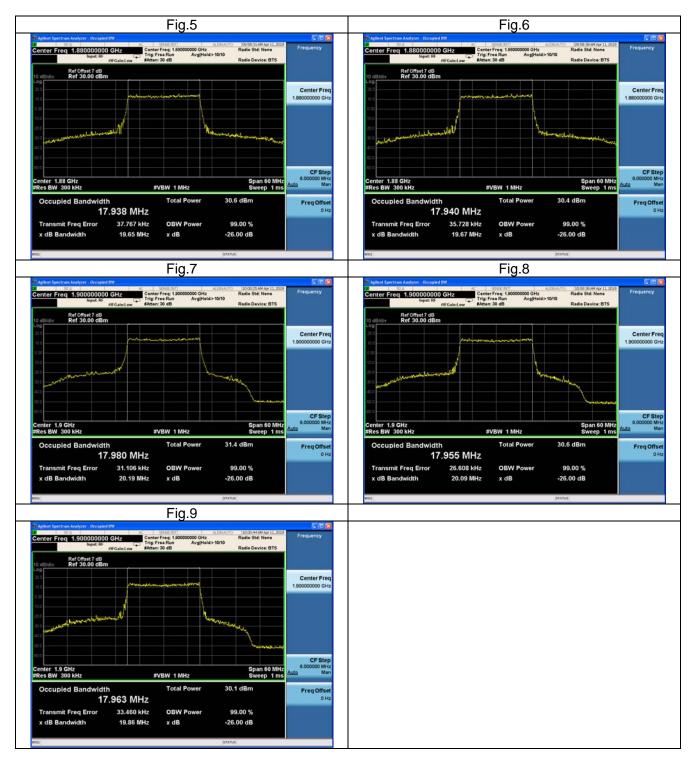
Dond	Carrier	Channal(Law)	BW	RB RB		Ban	dwidth	3 transn Hz)	nitter power		
Band	frequency (MHz)	Channel(Low)	DVV	Size	Offset	QP	SK	16-C	MA	64-C	QAM
2	1860	18700	20	100	0	19.75	Fig.1	19.86	Fig.2	19.75	Fig.3
2	1880	18900	20	100	0	20.13	Fig.4	19.65	Fig.5	19.67	Fig.6
2	1900	19100	20	100	0	20.19	Fig.7	20.09	Fig.8	19.86	Fig.9



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#### 3 Peak-Average Ratio

#### Test result:



#### Peak-Average Ratio Plot(1.4MHz BW,QPSK,Band 2-mid Channel)



Peak-Average Ratio Plot(1.4MHz BW,16QAM,Band 2-mid Channel)







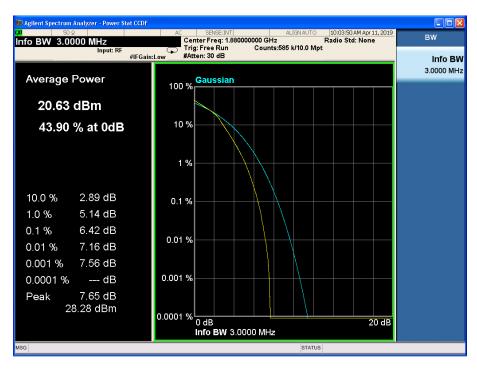
Peak-Average Ratio Plot(1.4MHz BW,64QAM,Band 2-mid Channel)



Peak-Average Ratio Plot(3MHz BW,QPSK,Band 2-mid Channel)



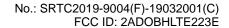




Peak-Average Ratio Plot(3MHz BW,16QAM,Band 2-mid Channel)



Peak-Average Ratio Plot(3MHz BW,64QAM,Band 2-mid Channel)







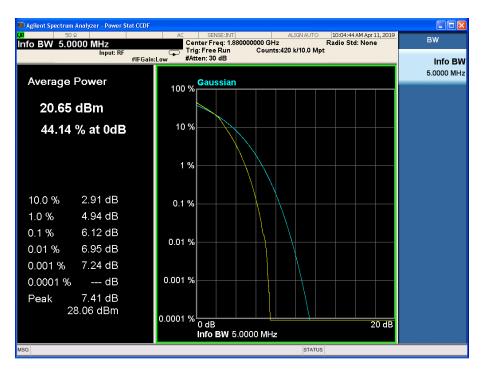
Peak-Average Ratio Plot(5MHz BW,QPSK,Band 2-mid Channel)



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)



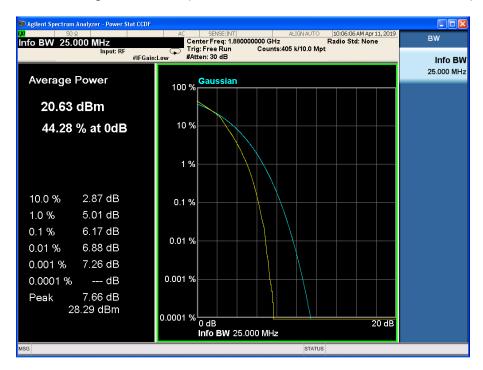
Peak-Average Ratio Plot(10MHz BW,64QAM,Band 2-mid Channel)







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



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



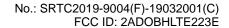




Peak-Average Ratio Plot(15MHz BW,64QAM,Band 2-mid Channel)



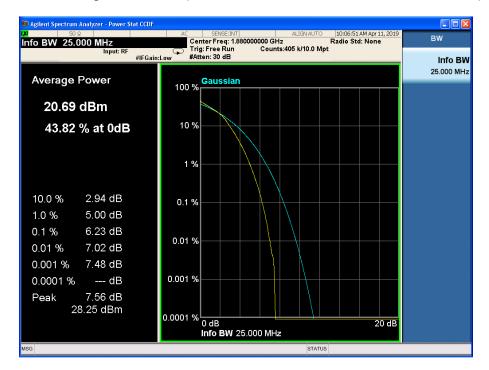
Peak-Average Ratio Plot(20MHz BW,QPSK,Band 2-mid Channel)



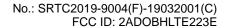




Peak-Average Ratio Plot(20MHz BW,16QAM,Band 2-mid Channel)



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

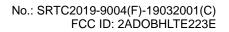




4 Spurious Emissions at antenna terminal



Fig.1





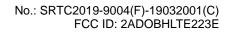
Band	Carrier frequency	Channel(Low)	BW	RB	RB	Conducted Spurious Plot
Danu	(MHz)	Charmer(LOW)	DW	Size	Offset	QPSK
2	1880	18900	20	1	0	Fig.1



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

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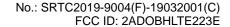


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Fig.1





### 5 Band Edges Compliance

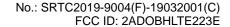
#### Test result

	Band	Carrier	Channel	BW	RB RB		Band Edges Plot
	Danu	frequency (MHz)	(Low)	DVV	Size	Offset	QPSK
Ī	2	1050.7	10007	1.1	1	0	Fig.1
	2   1850	1850.7	18607	1.4	6	0	Fig.4



Fig.4

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	Band	Carrier	Channel	BW	RB	RB	Band Edges Plot
	Danu	frequency (MHz)		DVV	Size	Offset	QPSK
ĺ	2	1000.3	10102	1.4	1	5	Fig.1
	2	1909.3	1909.3 19193		6	0	Fig.4

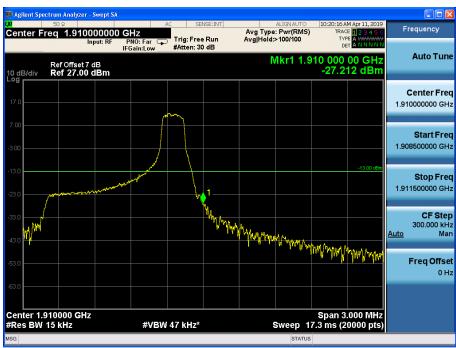
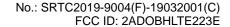


Fig.1



Fig.4



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Band	Carrier	Channel	BW	RB	RB	Band Edges Plot
Danu	frequency (MHz)	(Low)	DVV	Size	Offset	QPSK
2	1851.5	18615	2	1	0	Fig.1
	1001.0	10015	3	15	0	Fig.4

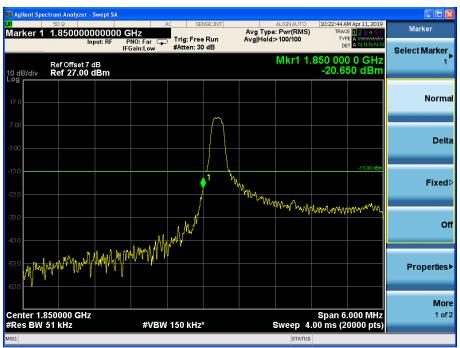
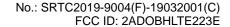


Fig.1



Fig.4



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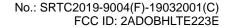
	Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band Edges Plot	
	Danu						QPSK	
Ī	2	1908.5	19185	3	1	14	Fig.1	
	2				15	0	Fig.4	



Fig.1



Fig.4



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

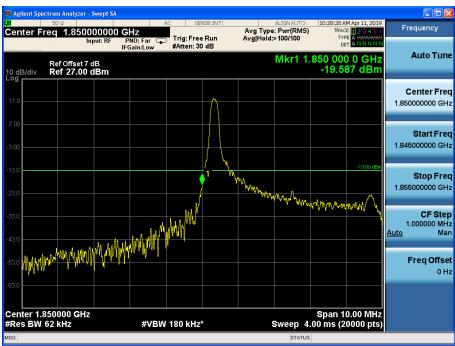
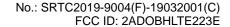


Fig.1



Fig.4





	Band	Carrier frequency (MHz) 1907.5	Channel (High)	BW	RB Size	RB Offset	Band Edges Plot	
	Danu						QPSK	
ĺ	2			5	1	24	Fig.1	
	2				25	0	Fig.4	

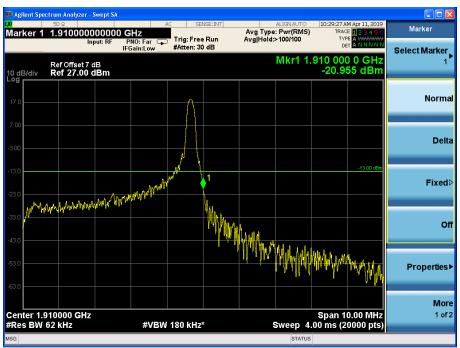
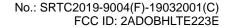


Fig.1



Fig.4





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

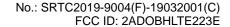


Fig.1



Fig.4

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Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band Edges Plot	
Danu						QPSK	
2			10	1	49	Fig.1	
2				50	0	Fig.4	

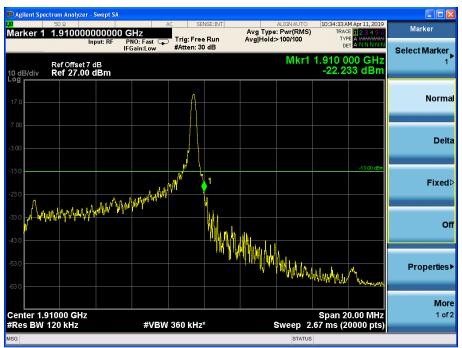
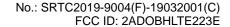


Fig.1



Fig.4



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	Band	Carrier frequency (MHz) 1857.5	Channel (Low)	BW	RB Size	RB Offset	Band Edges Plot	
	Dariu						QPSK	
ĺ	2			15	1	0	Fig.1	
	2				75	0	Fig.4	

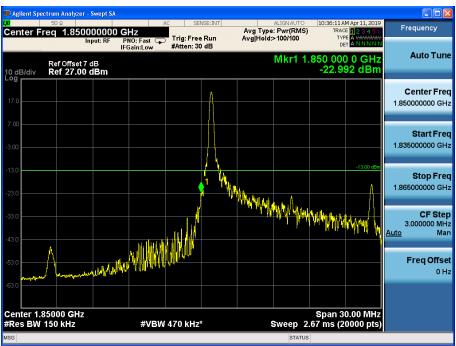
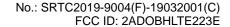


Fig.1



Fig.4



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Band	Carrier frequency	Channel	BW	RB Size	RB Offset	Band Edges Plot	
Danu	(MHz)	(High)				QPSK	
2	1902.5	19125	15	1	74	Fig.1	
2				75	0	Fig.4	

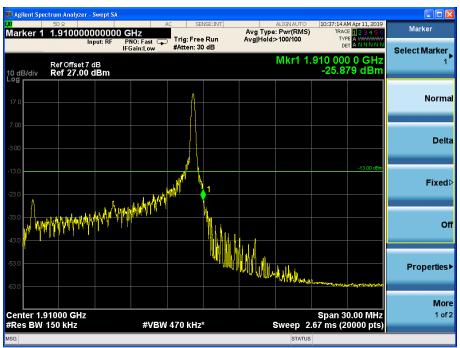
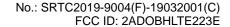


Fig.1



Fig.4

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

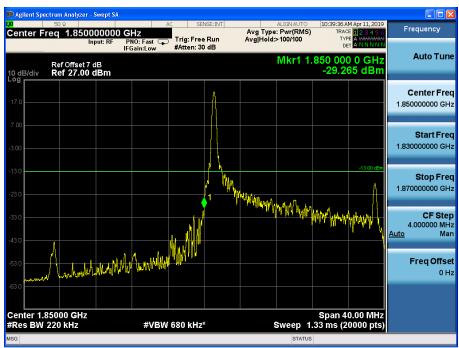
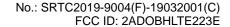


Fig.1



Fig.4



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	Band	Carrier frequency (MHz)	Channel (High)	BW 20	RB Size	RB Offset	Band Edges Plot	
	Danu						QPSK	
ĺ	2				1	99	Fig.1	
	2				100	0	Fig.4	

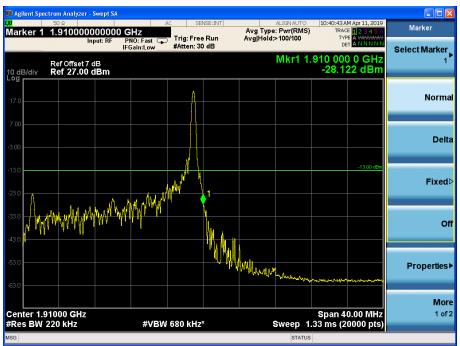
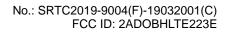


Fig.1



Fig.4





## **6 Frequency Stability** Test result:

Tomporaturo(°C)	Voltage	Test Result (ppm) Band2 Low Channel								
Temperature(°C)	Voltage	1.4M	3M	5M	10M	15M	20M			
0	NV	0.020	-0.021	0.013	0.002	0.013	-0.001			
+10	NV	-0.023	0.011	0.001	-0.012	-0.005	-0.014			
+20	NV	0.024	0.002	0.007	0.014	-0.011	-0.002			
+30	NV	0.013	0.010	0.004	0.005	-0.008	-0.004			
+40	NV	0.018	0.003	0.003	-0.005	0.011	-0.012			
+50	NV	0.014	0.004	0.006	0.014	0.003	-0.002			
+55	NV	-0.004	-0.014	0.009	0.000	0.014	0.008			
+20	LV	-0.020	-0.015	0.007	-0.015	-0.011	0.005			
+20	HV	-0.024	0.000	0.006	0.002	-0.014	-0.009			

Tomporatura/°C)	Voltago		Test Result (ppm) Band2 High Channel								
Temperature(°C)	Voltage	1.4M	3M	5M	10M	15M	20M				
0	NV	-0.008	0.011	0.017	0.011	-0.015	0.022				
+10	NV	-0.008	-0.022	0.011	0.013	0.004	-0.005				
+20	NV	0.011	0.001	-0.004	-0.005	-0.002	0.004				
+30	NV	-0.006	-0.013	0.006	0.014	-0.004	-0.010				
+40	NV	0.016	0.010	0.004	-0.009	0.002	0.006				
+50	NV	0.021	-0.013	-0.005	-0.006	-0.010	0.003				
+55	NV	0.003	0.003	-0.008	0.009	0.001	-0.009				
+20	LV	-0.020	0.005	-0.012	-0.014	-0.015	-0.002				
+20	HV	-0.020	-0.003	-0.014	0.010	0.012	0.014				