

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 2

1 RF Power Output

Test result: Antenna Gain: 2.77dBi

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	1850.7	18607	1.4	1	0	22.2	24.97
				1	5	22.2	24.97
				3	2	22.2	24.97
				6	0	21.2	23.97
	1880	18900		1	0	22.3	25.07
				1	5	22.3	25.07
				3	2	22.3	25.07
				6	0	21.3	24.07
	1909.3	19193		1	0	22.2	24.97
				1	5	22.2	24.97
				3	2	22.2	24.97
				6	0	21.2	23.97

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	1850.7	18607	1.4	1	0	21.8	24.57
				1	5	21.9	24.67
				3	2	21.4	24.17
				6	0	20.5	23.27
	1880	18900		1	0	21.8	24.57
				1	5	21.9	24.67
				3	2	21.4	24.17
				6	0	20.5	23.27
	1909.3	19193		1	0	21.8	24.57
				1	5	21.9	24.67
				3	2	21.4	24.17
				6	0	20.5	23.27

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
64QAM	1850.7	18607	1.4	1	0	21.7	24.47
				1	5	21.7	24.47
				3	2	21.3	24.07
				6	0	20.2	22.97
	1880	18900		1	0	21.9	24.67
				1	5	21.8	24.57
				3	2	21.4	24.17
				6	0	20.2	22.97
	1909.3	19193		1	0	21.8	24.57
				1	5	21.9	24.67
				3	2	21.4	24.17
				6	0	20.2	22.97

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	1851.5	18615	3	1	0	22.3	25.07
				1	14	22.4	25.17
				8	4	21.3	24.07
				15	0	21.3	24.07
	1880	18900		1	0	22.3	25.07
				1	14	22.4	25.17
				8	4	21.3	24.07
				15	0	21.3	24.07
	1908.5	19185		1	0	22.3	25.07
				1	14	22.4	25.17
				8	4	21.3	24.07
				15	0	21.3	24.07

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	1851.5	18615	3	1	0	21.8	24.57
				1	14	21.9	24.67
				8	4	20.4	23.17
				15	0	20.3	23.07
	1880	18900		1	0	21.8	24.57
				1	14	21.9	24.67
				8	4	20.4	23.17
				15	0	20.3	23.07
	1908.5	19185		1	0	21.8	24.57
				1	14	21.9	24.67
				8	4	20.4	23.17
				15	0	20.3	23.07

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
64QAM	1851.5	18615	3	1	0	21.8	24.57
				1	14	21.9	24.67
				8	4	20.4	23.17
				15	0	20.2	22.97
	1880	18900		1	0	21.8	24.57
				1	14	21.9	24.67
				8	4	20.4	23.17
				15	0	20.2	22.97
	1908.5	19185		1	0	21.8	24.57
				1	14	21.9	24.67
				8	4	20.4	23.17
				15	0	20.2	22.97

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	1852.5	18625	5	1	0	22.2	24.97
				1	24	22.3	25.07
				12	6	21.3	24.07
				25	0	21.3	24.07
	1880	18900		1	0	22.2	24.97
				1	24	22.3	25.07
				12	6	21.3	24.07
				25	0	21.3	24.07
	1907.5	19175		1	0	22.2	24.97
				1	24	22.3	25.07
				12	6	21.3	24.07
				25	0	21.3	24.07

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	1852.5	18625	5	1	0	21.7	24.47
				1	24	21.8	24.57
				12	6	20.4	23.17
				25	0	20.2	22.97
	1880	18900		1	0	21.7	24.47
				1	24	21.8	24.57
				12	6	20.4	23.17
				25	0	20.2	22.97
	1907.5	19175		1	0	21.7	24.47
				1	24	21.8	24.57
				12	6	20.4	23.17
				25	0	20.2	22.97

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
64QAM	1852.5	18625	5	1	0	21.8	24.57
				1	24	21.9	24.67
				12	6	20.4	23.17
				25	0	20.2	22.97
	1880	18900		1	0	21.8	24.57
				1	24	21.9	24.67
				12	6	20.4	23.17
				25	0	20.2	22.97
	1907.5	19175		1	0	21.8	24.57
				1	24	21.9	24.67
				12	6	20.4	23.17
				25	0	20.2	22.97

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	1855	18650	10	1	0	22.3	25.07
				1	49	22.2	24.97
				24	12	21.2	23.97
				50	0	21.2	23.97
	1880	18900		1	0	22.3	25.07
				1	49	22.2	24.97
				24	12	21.2	23.97
				50	0	21.2	23.97
	1905	19150		1	0	22.3	25.07
				1	49	22.2	24.97
				24	12	21.2	23.97
				50	0	21.2	23.97

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	1855	18650	10	1	0	21.7	24.47
				1	49	21.8	24.57
				24	12	20.2	22.97
				50	0	20.2	22.97
	1880	18900		1	0	21.7	24.47
				1	49	21.8	24.57
				24	12	20.2	22.97
				50	0	20.2	22.97
	1905	19150		1	0	21.7	24.47
				1	49	21.8	24.57
				24	12	20.2	22.97
				50	0	20.2	22.97

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
64QAM	1855	18650	10	1	0	21.8	24.57
				1	49	21.9	24.67
				24	12	20.2	22.97
				50	0	20.2	22.97
	1880	18900		1	0	21.8	24.57
				1	49	21.9	24.67
				24	12	20.2	22.97
				50	0	20.2	22.97
	1905	19150		1	0	21.8	24.57
				1	49	21.9	24.67
				24	12	20.2	22.97
				50	0	20.2	22.97

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	1857.5	18675	15	1	0	22.3	25.07
				1	74	22.4	25.17
				40	18	21.4	24.17
				75	0	21.4	24.17
	1880	18900		1	0	22.3	25.07
				1	74	22.4	25.17
				40	18	21.4	24.17
				75	0	21.4	24.17
	1902.5	19125		1	0	22.3	25.07
				1	74	22.4	25.17
				40	18	21.4	24.17
				75	0	21.4	24.17

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	1857.5	18675	15	1	0	21.8	24.57
				1	74	22.0	24.77
				40	18	20.4	23.17
				75	0	20.4	23.17
	1880	18900		1	0	21.8	24.57
				1	74	22.0	24.77
				40	18	20.4	23.17
				75	0	20.4	23.17
	1902.5	19125		1	0	21.8	24.57
				1	74	22.0	24.77
				40	18	20.4	23.17
				75	0	20.4	23.17

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
64QAM	1857.5	18675	15	1	0	21.8	24.57
				1	74	22.0	24.77
				40	18	20.4	23.17
				75	0	20.4	23.17
	1880	18900		1	0	21.8	24.57
				1	74	22.0	24.77
				40	18	20.4	23.17
				75	0	20.4	23.17
	1902.5	19125		1	0	21.8	24.57
				1	74	22.0	24.77
				40	18	20.4	23.17
				75	0	20.4	23.17

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
QPSK	1860	18700	20	1	0	22.5	25.27
				1	99	22.4	25.17
				50	25	21.4	24.17
				100	0	21.3	24.07
	1880	18900		1	0	22.5	25.27
				1	99	22.4	25.17
				50	25	21.4	24.17
				100	0	21.3	24.07
	1900	19100		1	0	22.5	25.27
				1	99	22.4	25.17
				50	25	21.4	24.17
				100	0	21.3	24.07

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
16QAM	1860	18700	20	1	0	21.8	24.57
				1	99	22.0	24.77
				50	25	20.5	23.27
				100	0	20.4	23.17
	1880	18900		1	0	21.8	24.57
				1	99	22.0	24.77
				50	25	20.5	23.27
				100	0	20.4	23.17
	1900	19100		1	0	21.8	24.57
				1	99	22.0	24.77
				50	25	20.5	23.27
				100	0	20.4	23.17

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average(dBm)
64QAM	1860	18700	20	1	0	21.9	24.67
				1	99	22.0	24.77
				50	25	20.4	23.17
				100	0	20.5	23.27
	1880	18900		1	0	21.9	24.67
				1	99	22.0	24.77
				50	25	20.4	23.17
				100	0	20.5	23.27
	1900	19100		1	0	21.9	24.67
				1	99	22.0	24.77
				50	25	20.4	23.17
				100	0	20.5	23.27

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	
2	1850.7	18607	1.4	6	0	1.105	Fig.1	1.094	Fig.2	1.110	Fig.3
2	1880.0	18900	1.4	6	0	1.098	Fig.4	1.105	Fig.5	1.105	Fig.6
2	1909.3	19193	1.4	6	0	1.097	Fig.7	1.104	Fig.8	1.097	Fig.9

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)					
						QPSK		16-QAM		64-QAM	
2	1850.7	18607	1.4	6	0	1.229	Fig.1	1.248	Fig.2	1.244	Fig.3
2	1880.0	18900	1.4	6	0	1.230	Fig.4	1.228	Fig.5	1.237	Fig.6
2	1909.3	19193	1.4	6	0	1.215	Fig.7	1.218	Fig.8	1.223	Fig.9

Fig.1

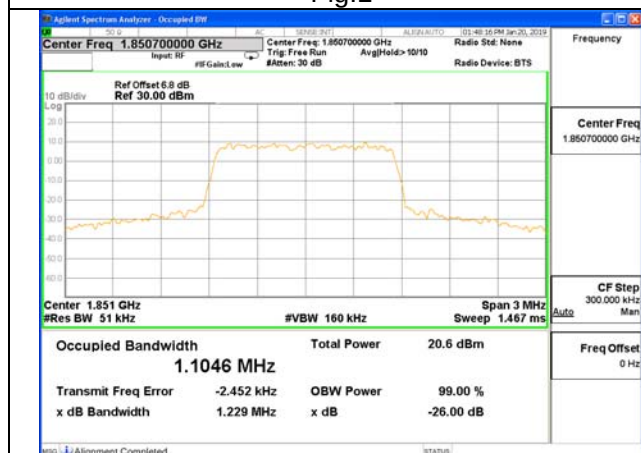


Fig.2

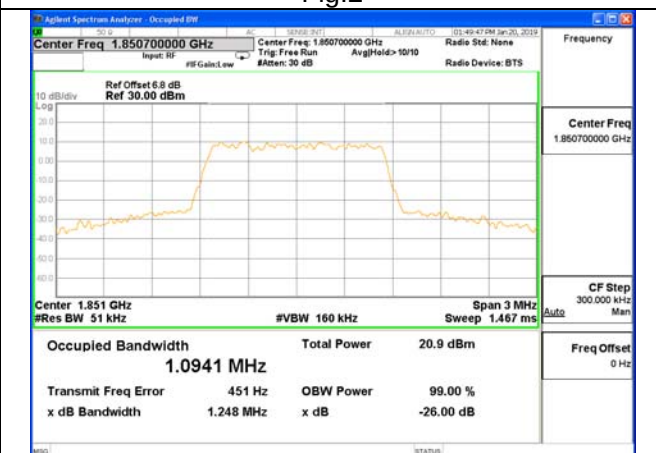


Fig.3

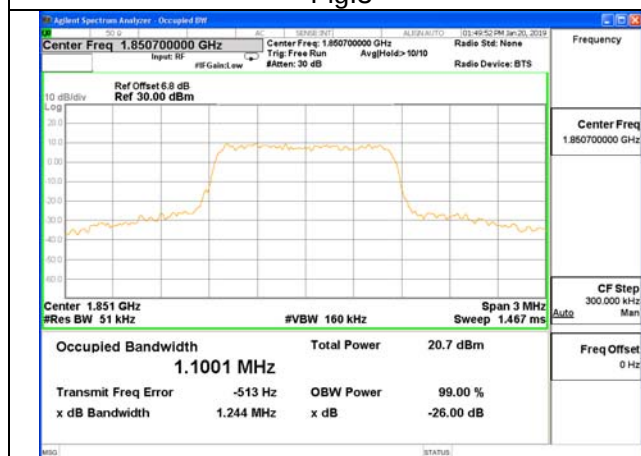


Fig.4

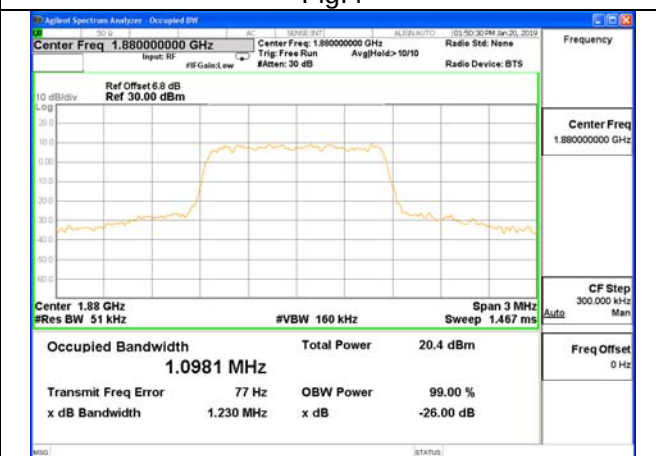


Fig.5

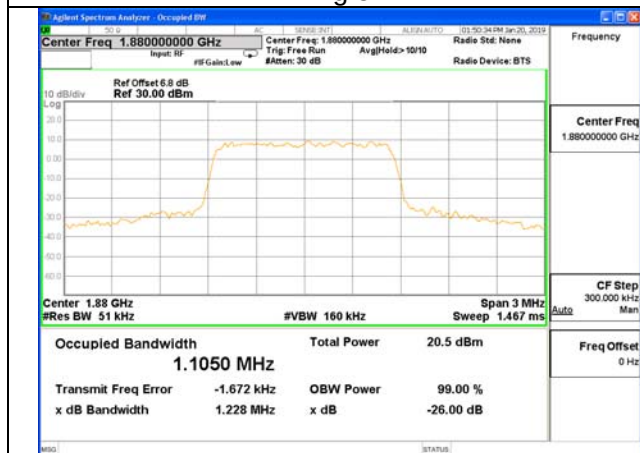


Fig.6

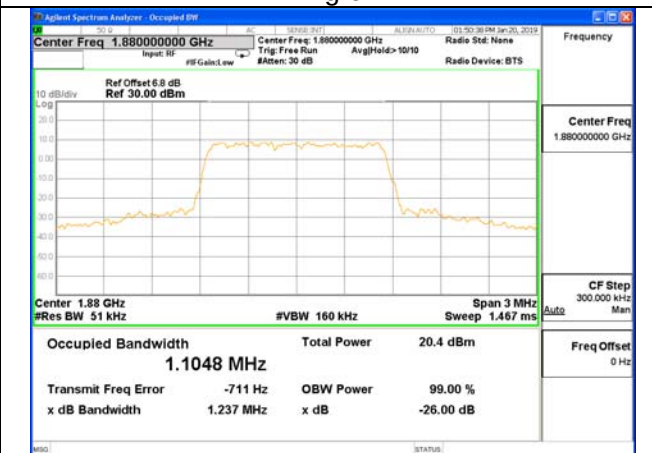


Fig.7

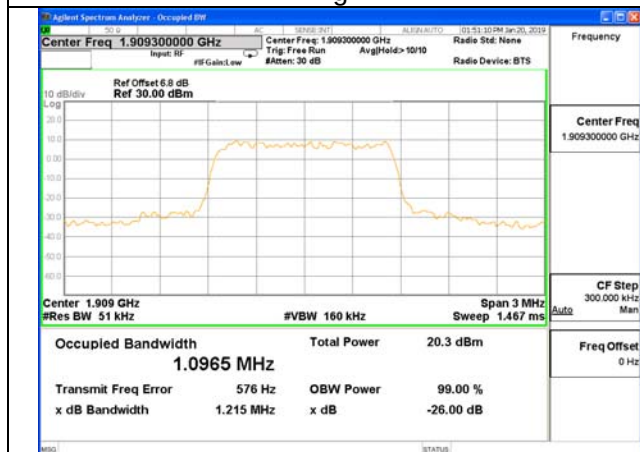


Fig.8

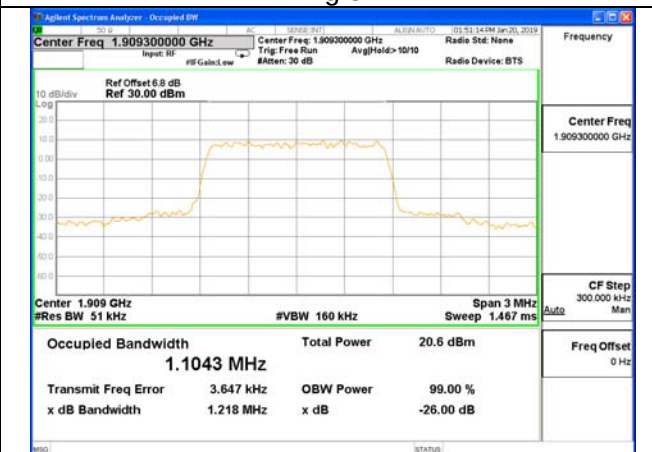
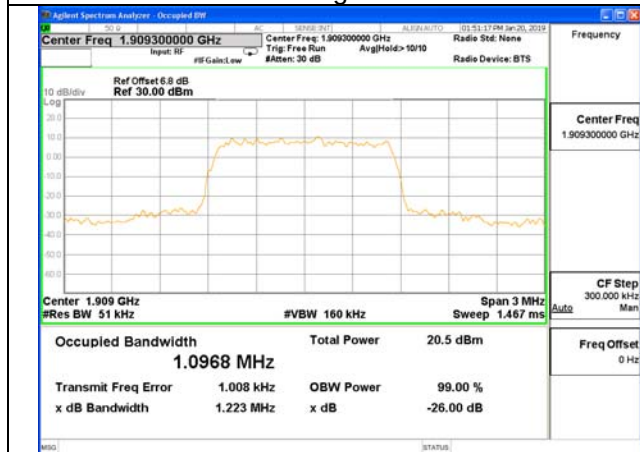


Fig.9



Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
2	1851.5	18615	3	15	0	2.728	Fig.1	2.721	Fig.2	2.721	Fig.3
2	1880.0	18900	3	15	0	2.721	Fig.4	2.731	Fig.5	2.720	Fig.6
2	1908.5	19185	3	15	0	2.736	Fig.7	2.730	Fig.8	2.709	Fig.9

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)					
						QPSK		16-QAM		64-QAM	
2	1851.5	18615	3	15	0	2.944	Fig.1	2.962	Fig.2	2.946	Fig.3
2	1880.0	18900	3	15	0	2.923	Fig.4	2.939	Fig.5	2.952	Fig.6
2	1908.5	19185	3	15	0	2.972	Fig.7	2.945	Fig.8	2.943	Fig.9

Fig.1

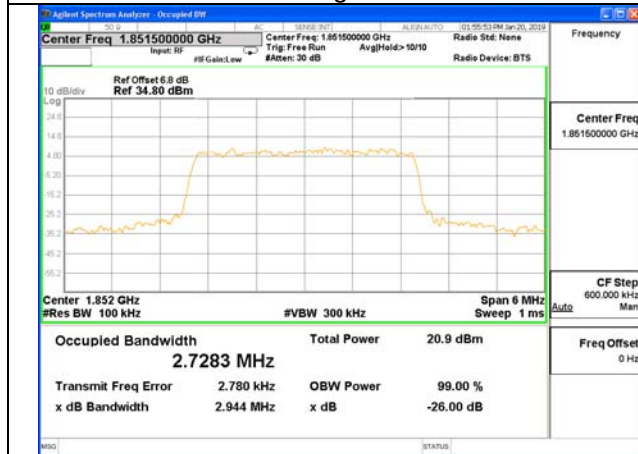


Fig.2

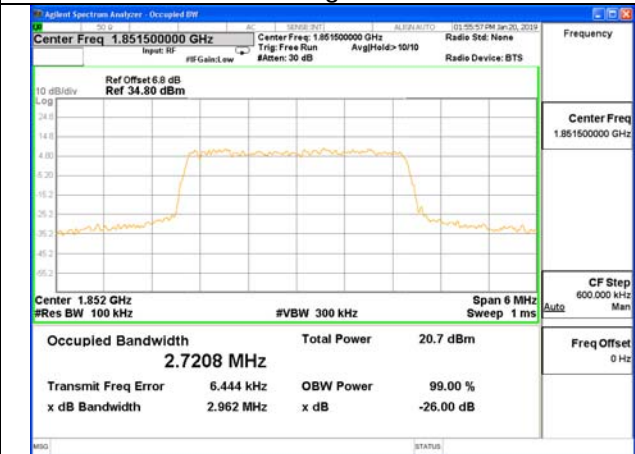


Fig.3

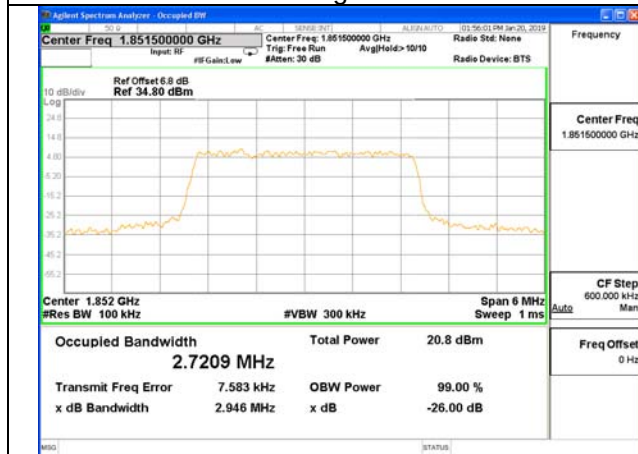


Fig.4

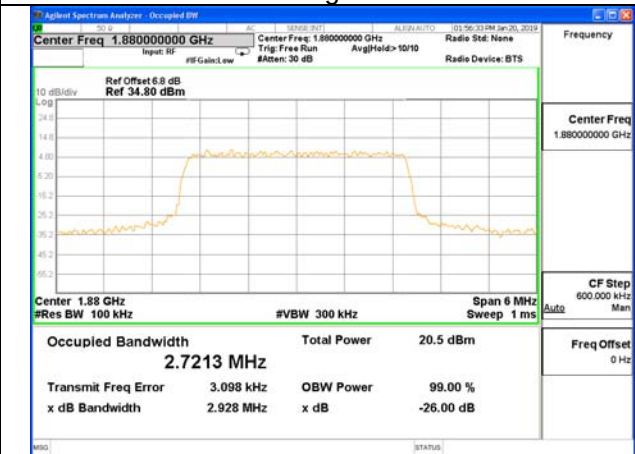


Fig.5

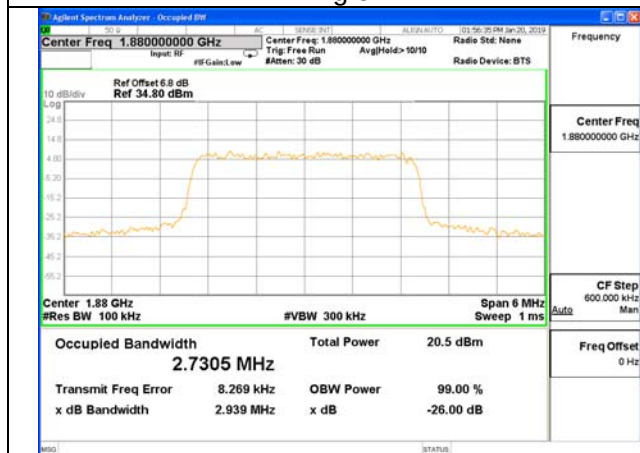


Fig.6

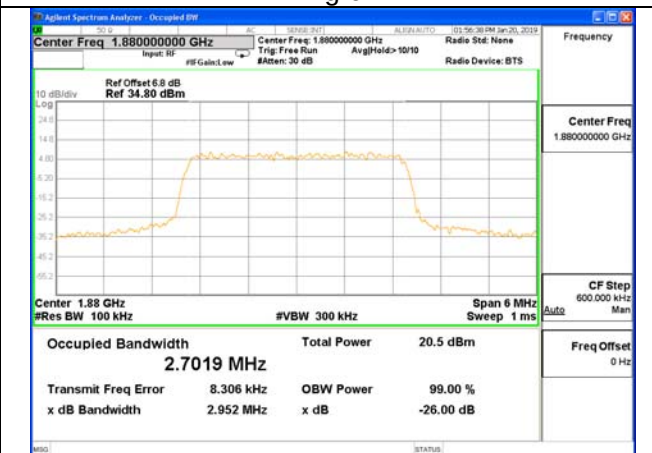


Fig.7

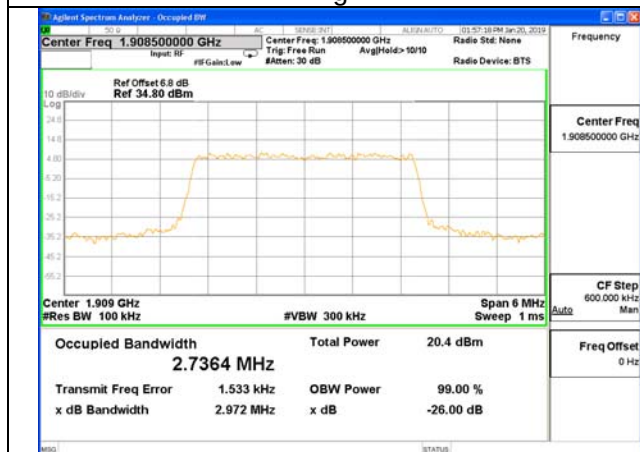


Fig.8

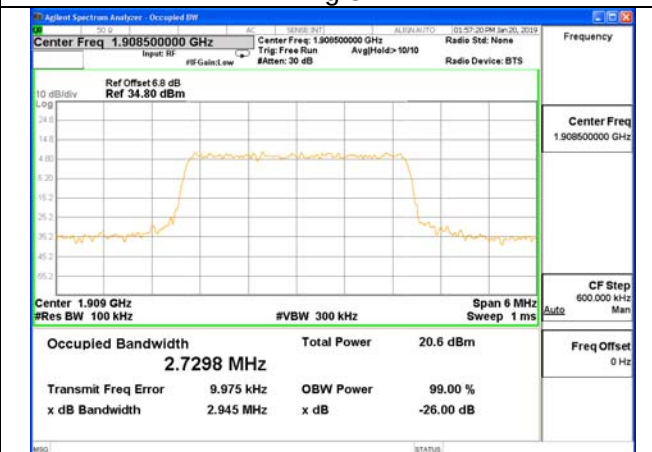
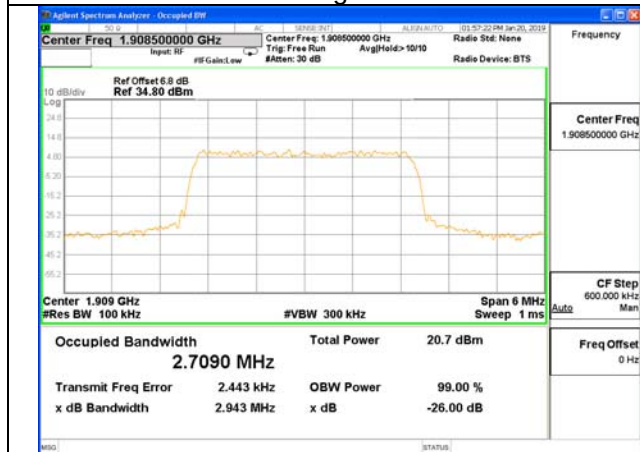


Fig.9



Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
2	1852.5	18625	5	25	0	4.474	Fig.1	4.499	Fig.2	4.458	Fig.3
2	1880.0	18900	5	25	0	4.484	Fig.4	4.484	Fig.5	4.495	Fig.6
2	1907.5	19175	5	25	0	4.490	Fig.7	4.470	Fig.8	4.508	Fig.9

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)					
						QPSK		16-QAM		64-QAM	
2	1852.5	18625	5	25	0	4.799	Fig.1	4.803	Fig.2	4.744	Fig.3
2	1880.0	18900	5	25	0	4.810	Fig.4	4.787	Fig.5	4.769	Fig.6
2	1907.5	19175	5	25	0	4.735	Fig.7	4.755	Fig.8	4.785	Fig.9



Fig.5

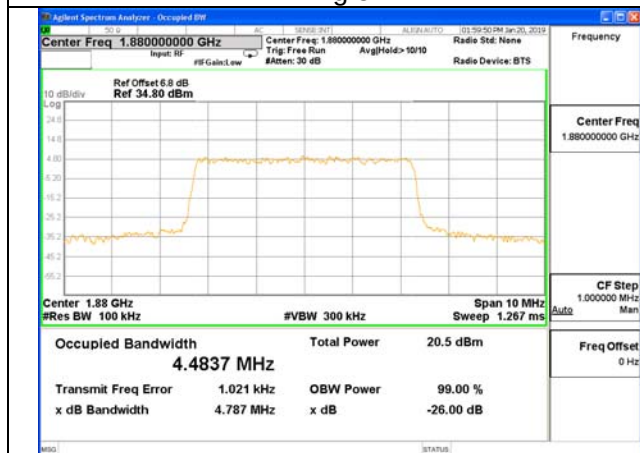


Fig.6

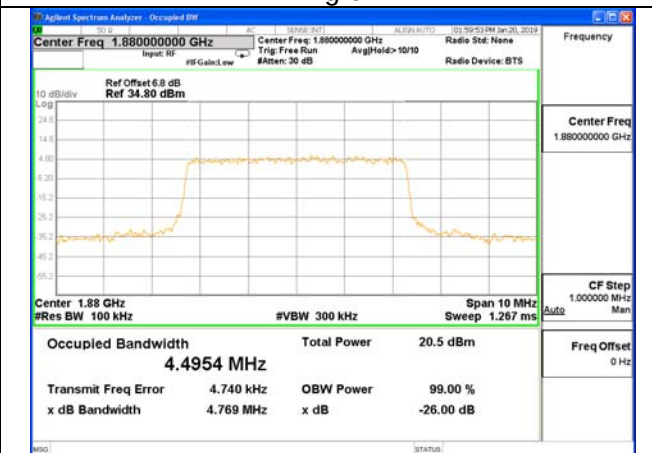


Fig.7

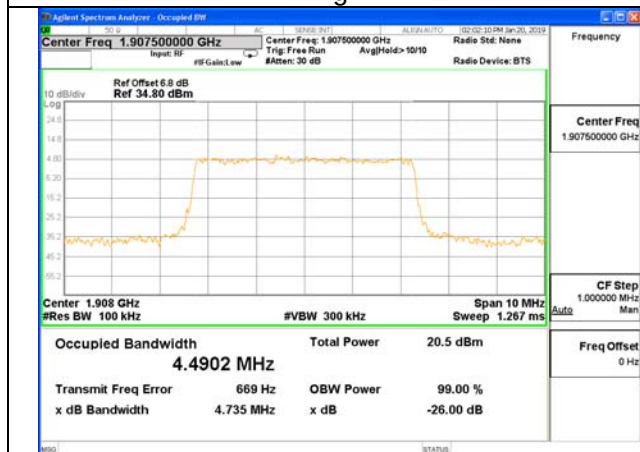


Fig.8

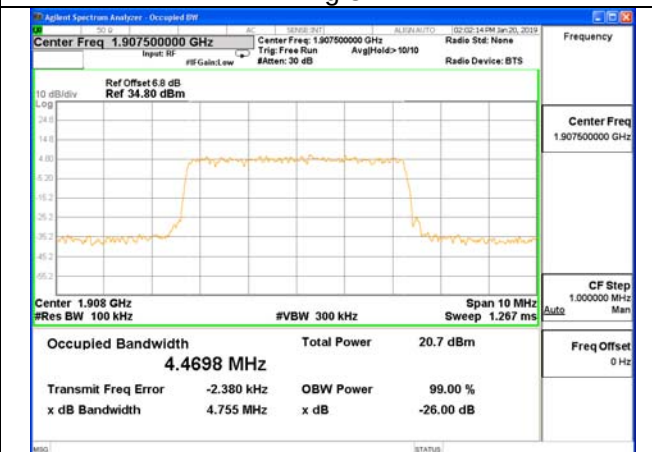
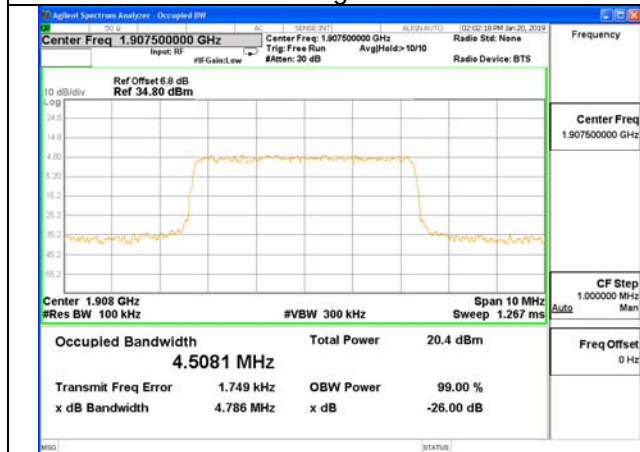


Fig.9



Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
2	1855	18650	10	50	0	9.035	Fig.1	9.010	Fig.2	9.040	Fig.3
2	1880	18900	10	50	0	9.042	Fig.4	9.035	Fig.5	8.996	Fig.6
2	1905	19150	10	50	0	9.031	Fig.7	9.007	Fig.8	8.988	Fig.9

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)					
						QPSK		16-QAM		64-QAM	
2	1855	18650	10	50	0	9.653	Fig.1	9.631	Fig.2	9.670	Fig.3
2	1880	18900	10	50	0	9.648	Fig.4	9.660	Fig.5	9.681	Fig.6
2	1905	19150	10	50	0	9.756	Fig.7	9.685	Fig.8	9.667	Fig.9

Fig.1

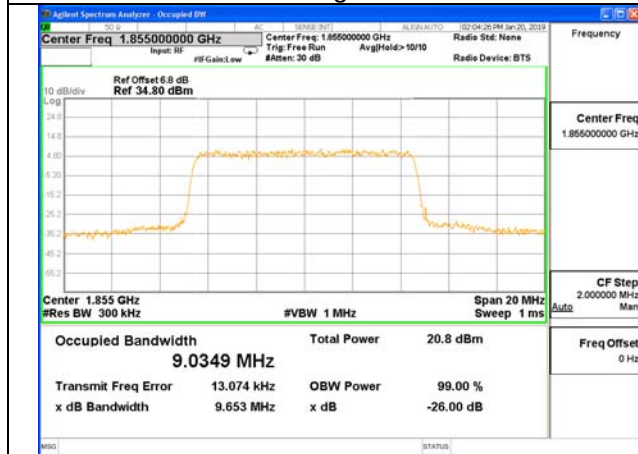


Fig.2

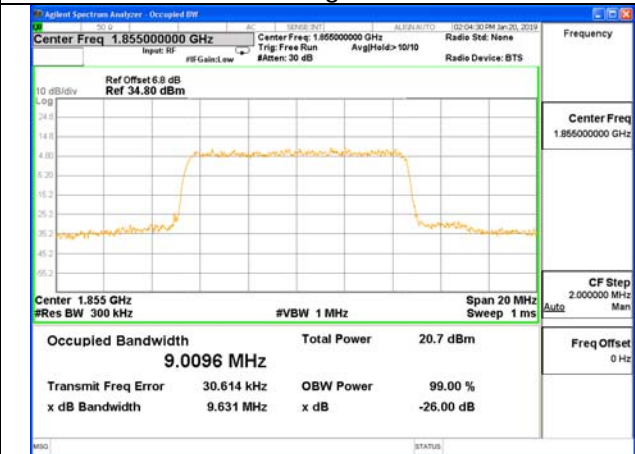


Fig.3

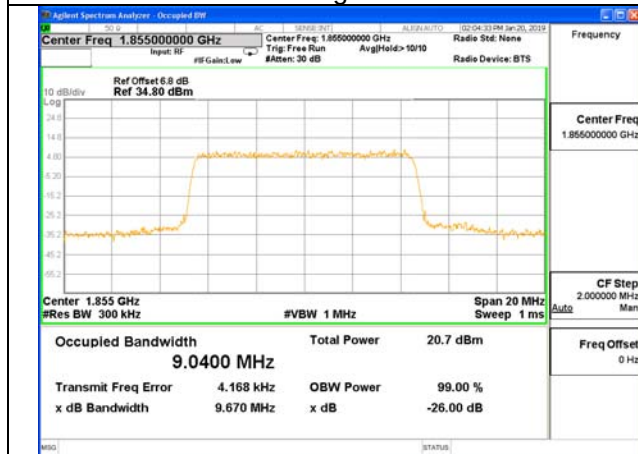


Fig.4

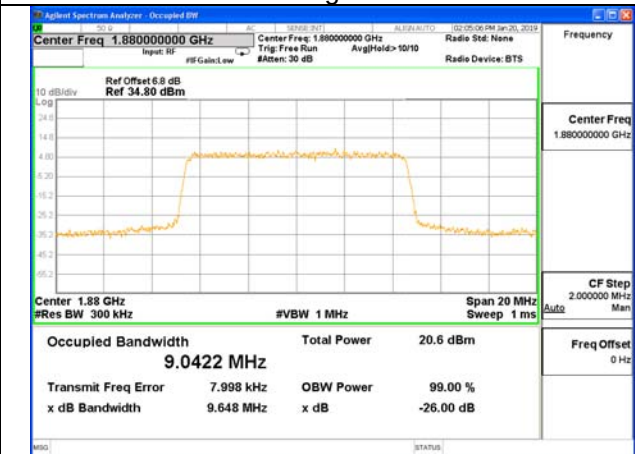


Fig.5

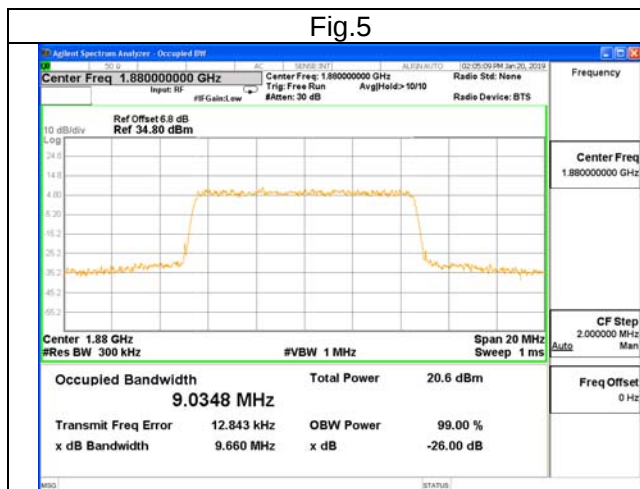


Fig.6

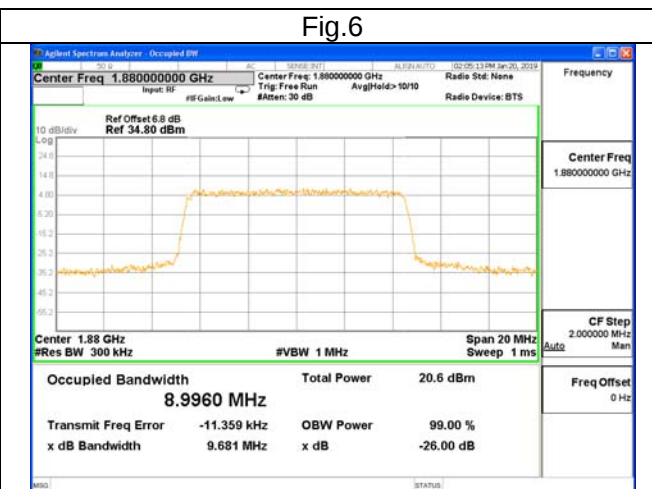


Fig.7

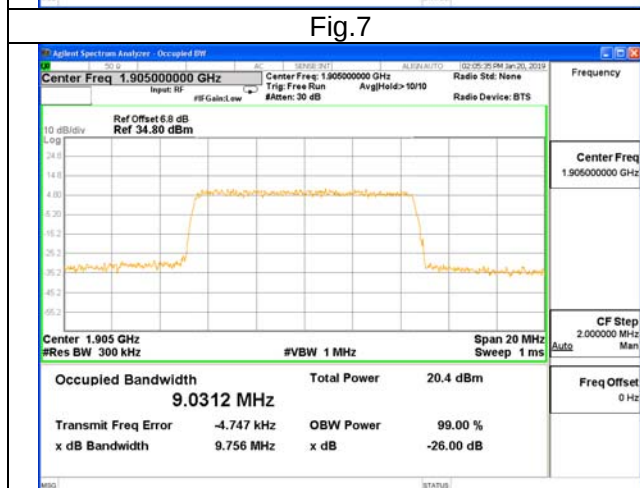


Fig.8

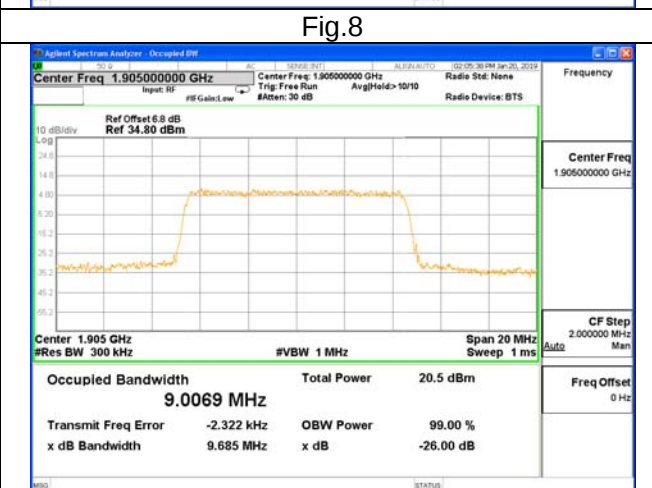
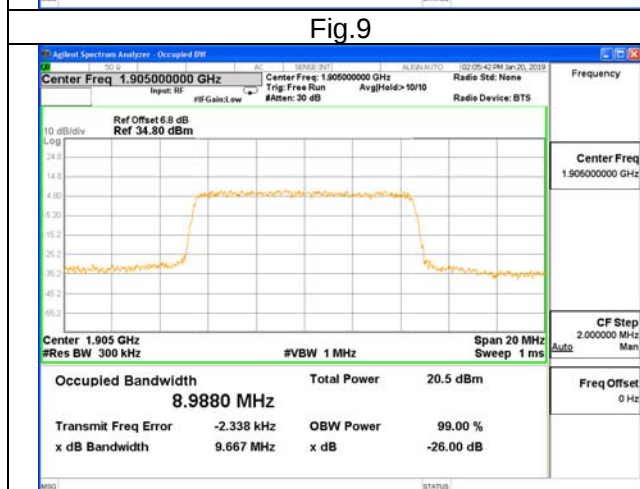


Fig.9



Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
2	1857.5	18675	15	75	0	13.446	Fig.1	13.486	Fig.2	13.415	Fig.3
2	1880.0	18900	15	75	0	13.452	Fig.4	13.424	Fig.5	13.432	Fig.6
2	1902.5	19125	15	75	0	13.396	Fig.7	13.455	Fig.8	13.452	Fig.9

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)					
						QPSK		16-QAM		64-QAM	
2	1857.5	18675	15	75	0	14.200	Fig.1	14.210	Fig.2	14.170	Fig.3
2	1880.0	18900	15	75	0	14.230	Fig.4	14.150	Fig.5	14.200	Fig.6
2	1902.5	19125	15	75	0	14.150	Fig.7	14.140	Fig.8	14.300	Fig.9

Fig.1

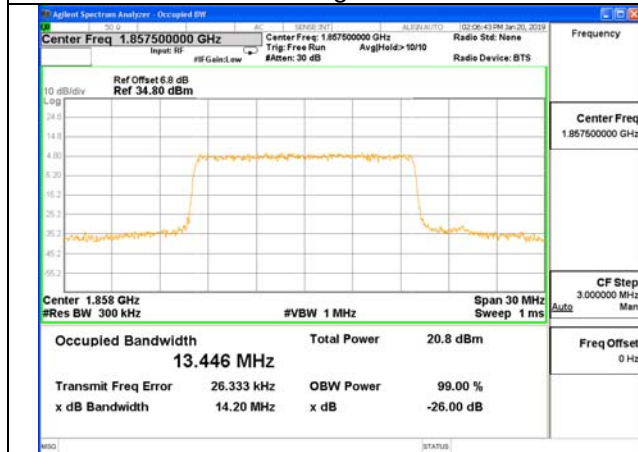


Fig.2

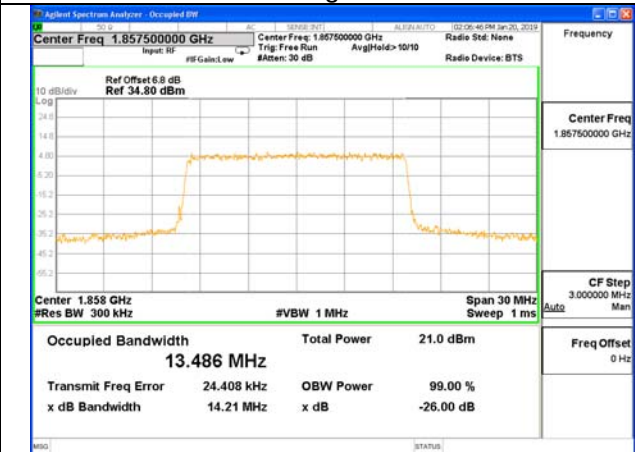


Fig.3

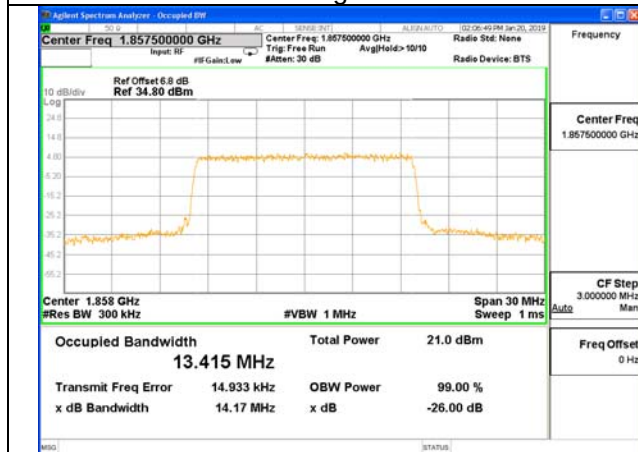


Fig.4

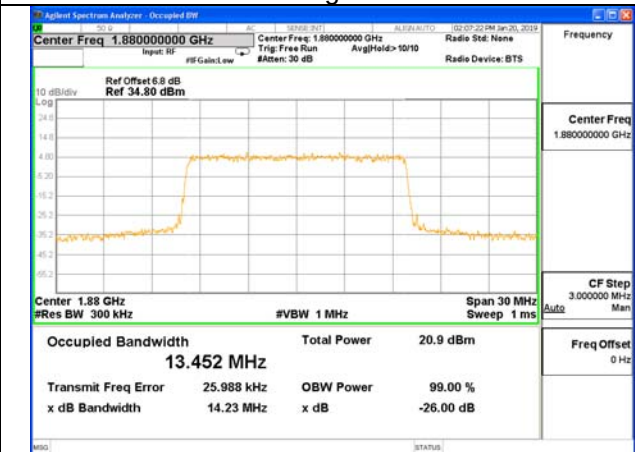


Fig.5

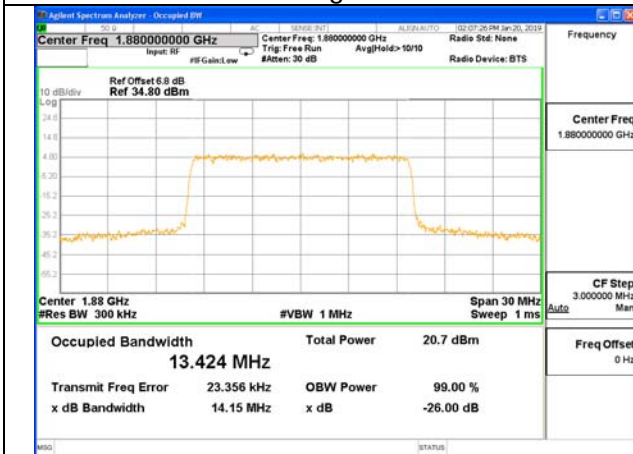


Fig.6

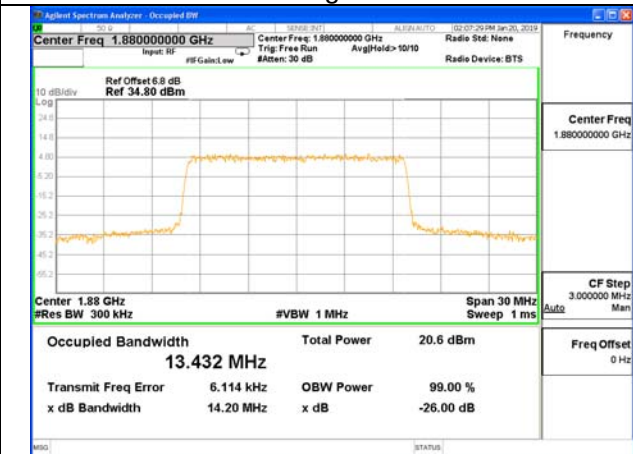


Fig.7

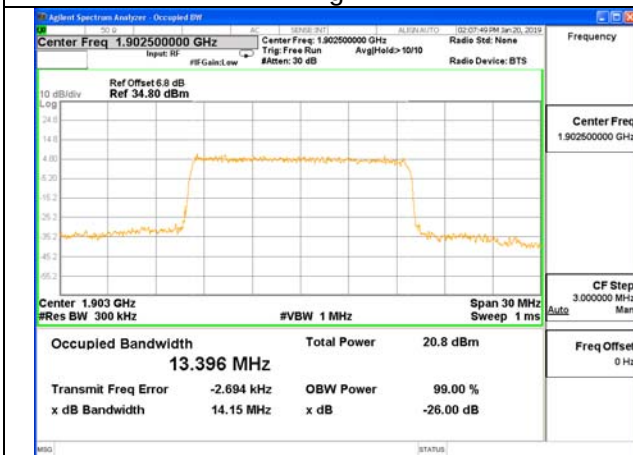


Fig.8

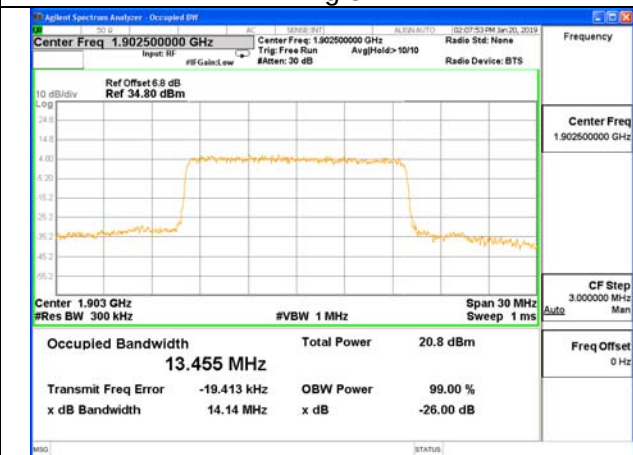
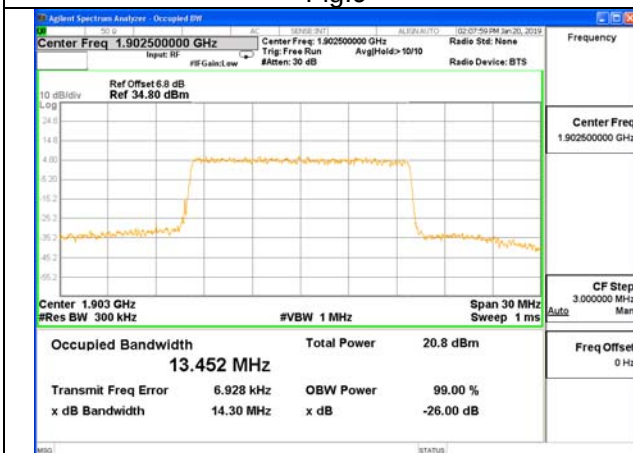


Fig.9



Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
2	1860	18700	20	100	0	17.801	Fig.1	17.829	Fig.2	17.843	Fig.3
2	1880	18900	20	100	0	17.878	Fig.4	17.947	Fig.5	17.884	Fig.6
2	1900	19100	20	100	0	17.855	Fig.7	17.864	Fig.8	17.825	Fig.9

Band	Carrier frequency (MHz)	Channel(Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)					
						QPSK		16-QAM		64-QAM	
2	1860	18700	20	100	0	18.660	Fig.1	18.660	Fig.2	18.720	Fig.3
2	1880	18900	20	100	0	18.690	Fig.4	18.690	Fig.5	18.660	Fig.6
2	1900	19100	20	100	0	18.730	Fig.7	18.650	Fig.8	18.700	Fig.9

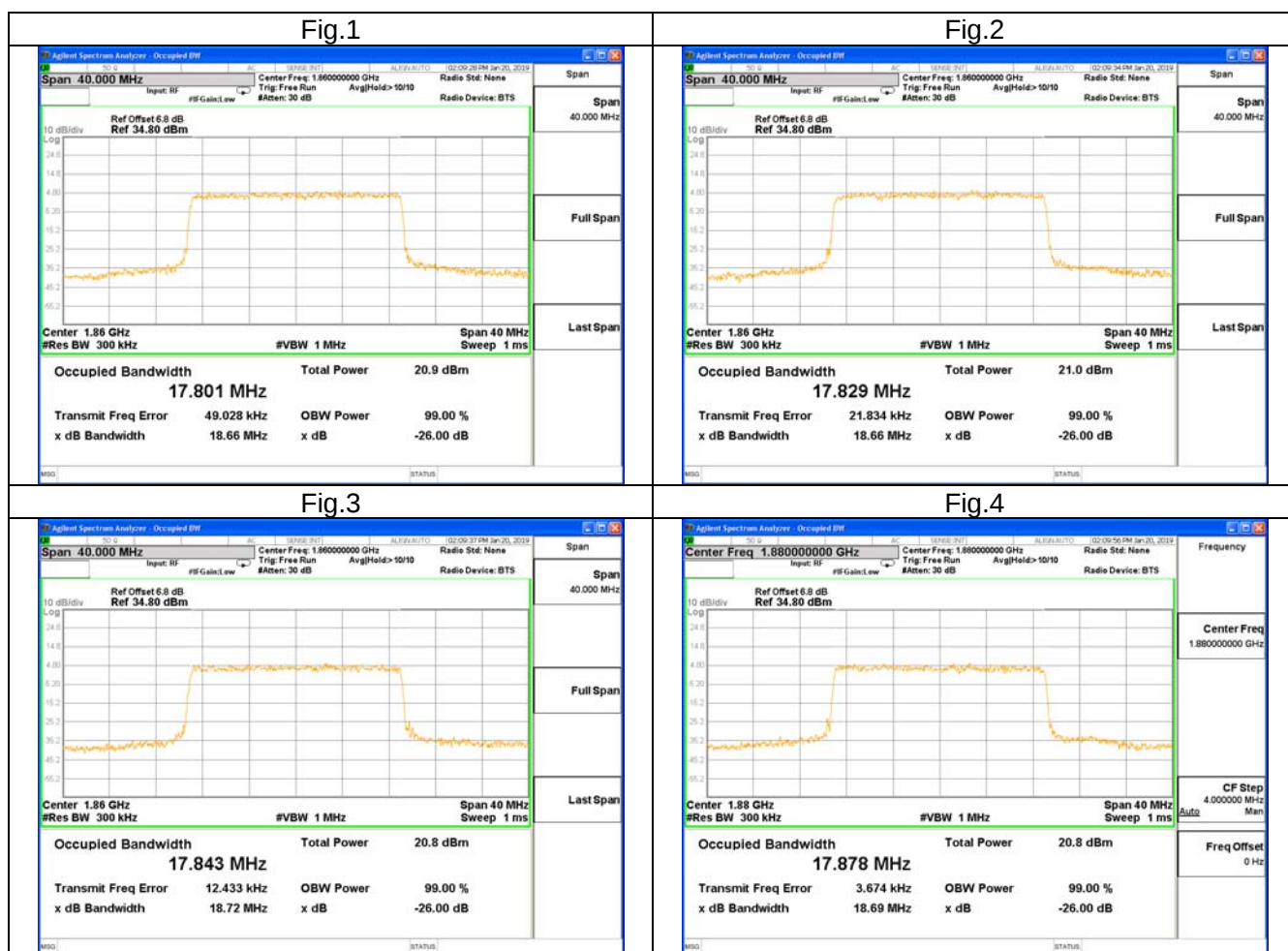


Fig.5

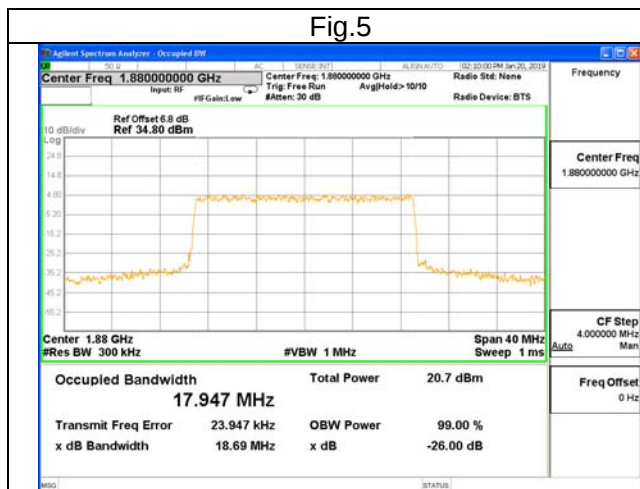


Fig.6

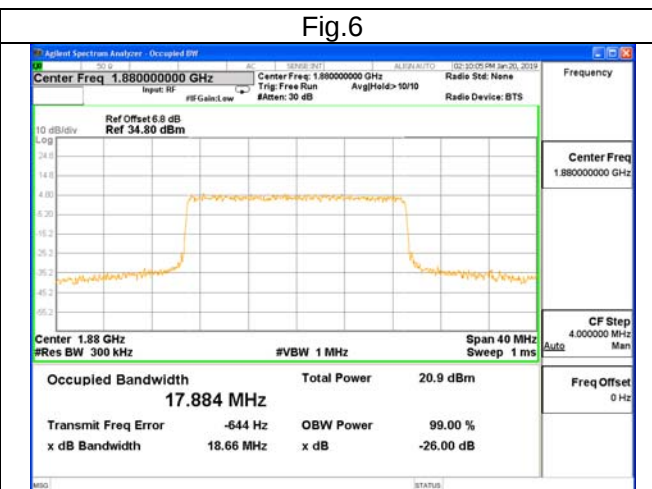


Fig.7

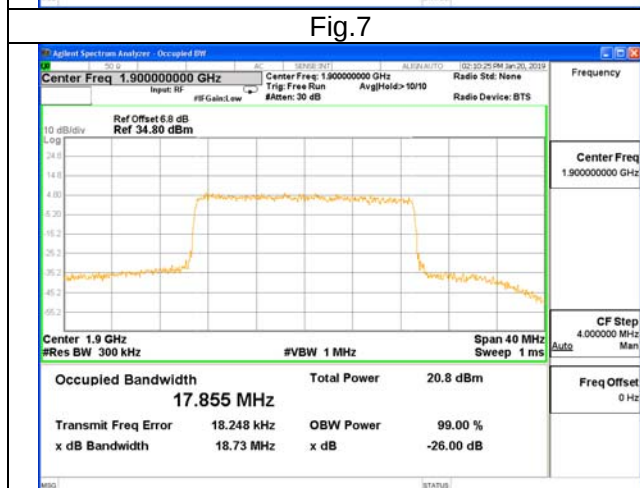


Fig.8

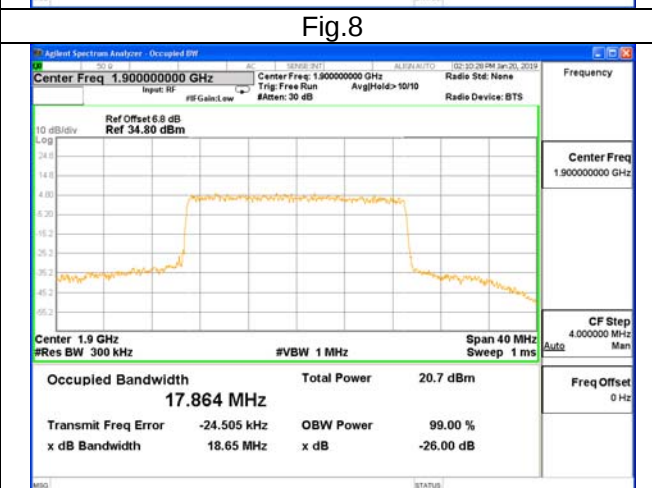
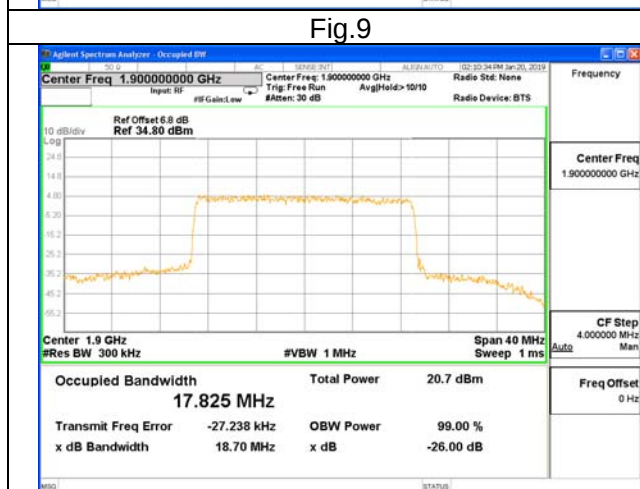
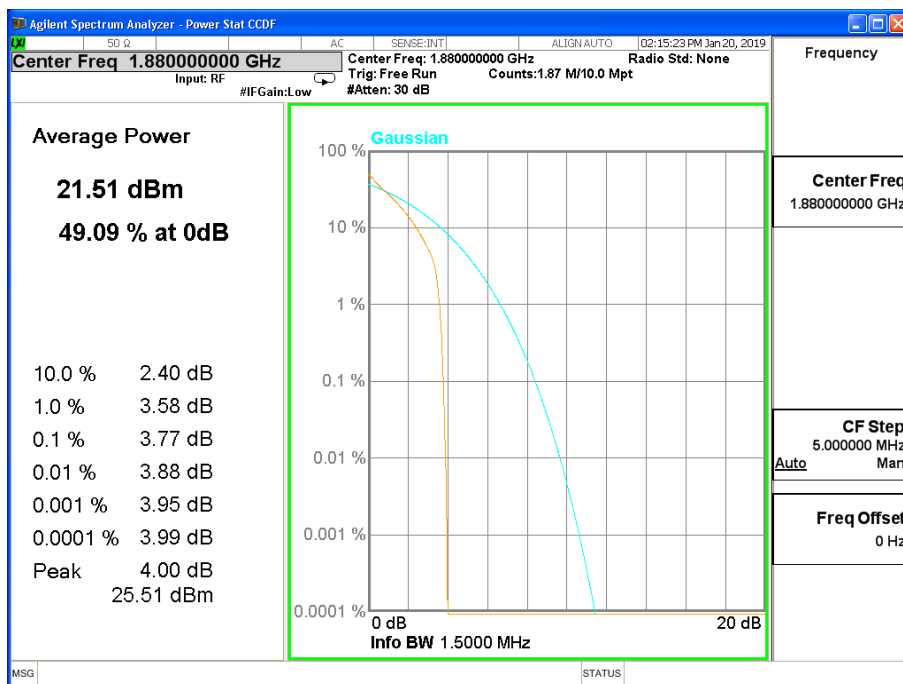


Fig.9

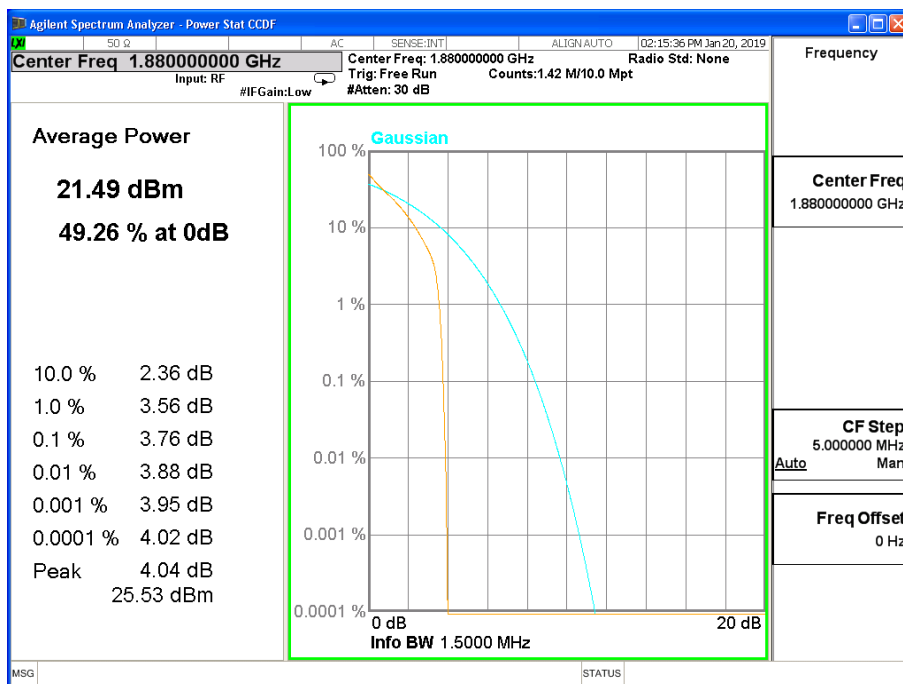


4 Peak-Average Ratio

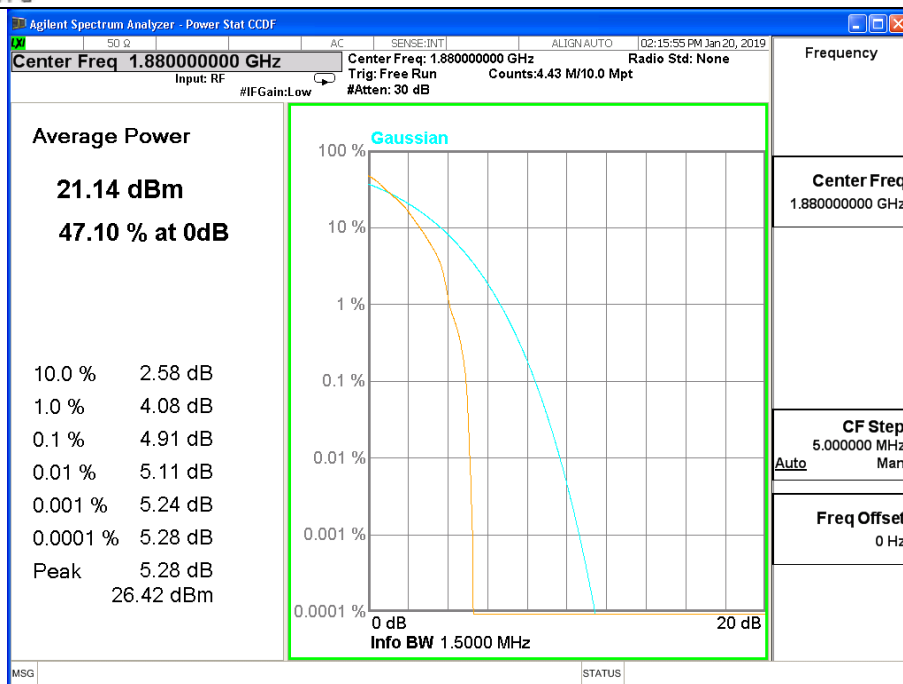
Test result:



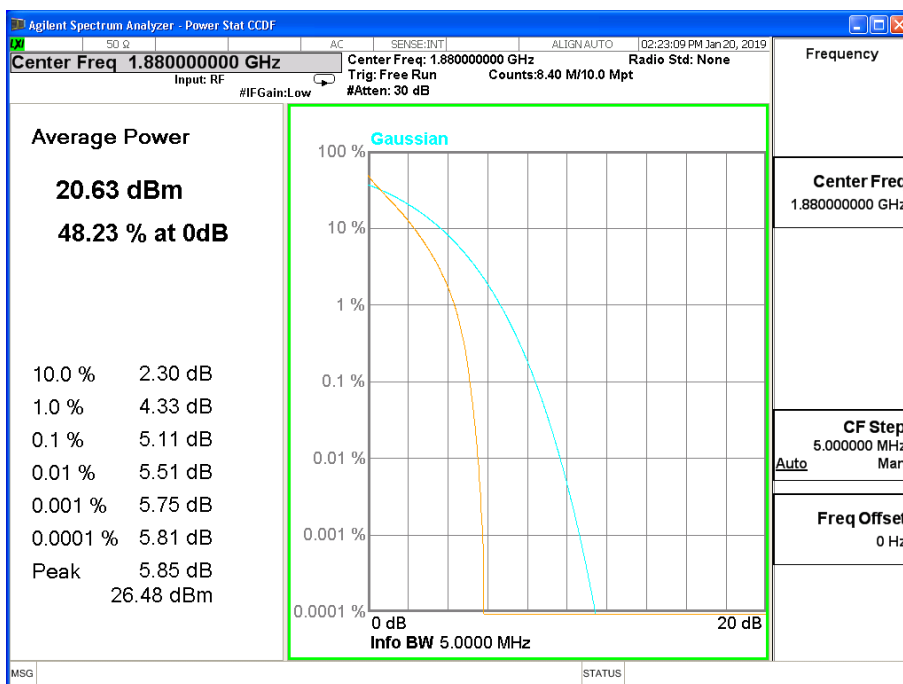
Peak-Average Ratio Plot(1.4MHz BW,QPSK,Band 2-mid Channel)



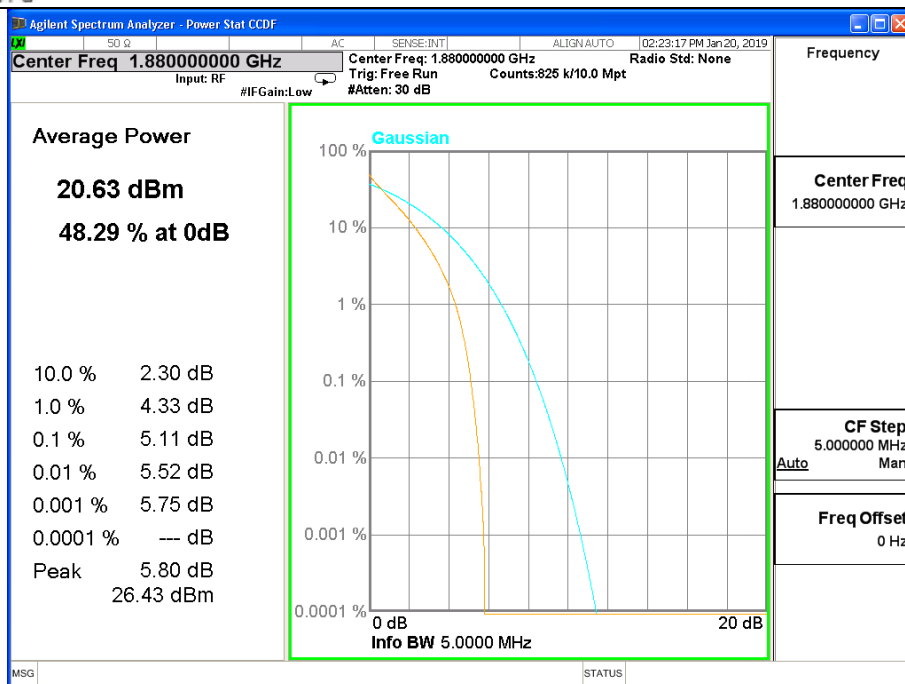
Peak-Average Ratio Plot(1.4MHz BW,16QAM,Band 2-mid Channel)



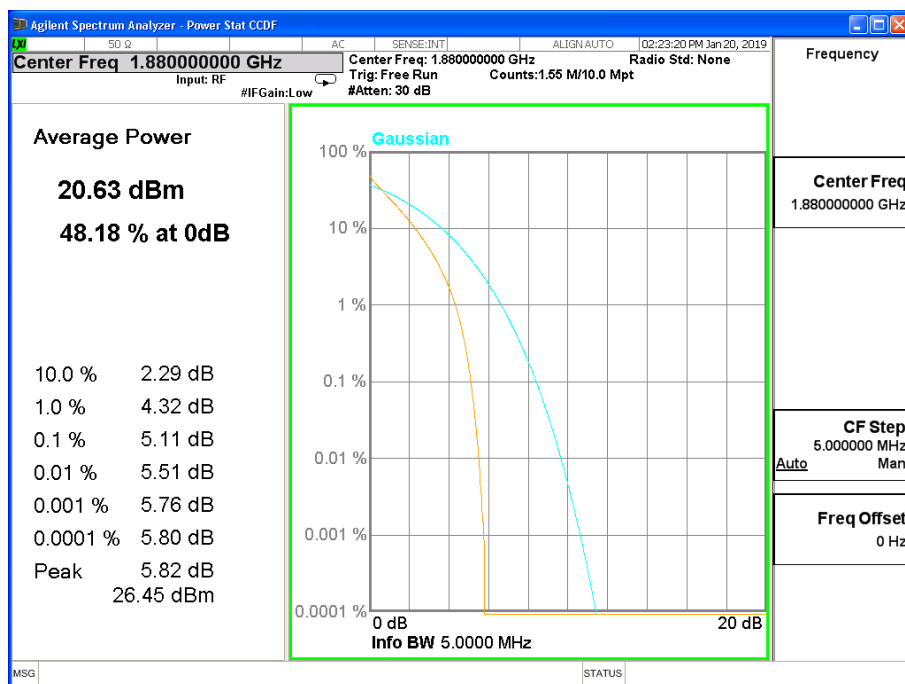
Peak-Average Ratio Plot(1.4MHz BW,64QAM,Band 2-mid Channel)



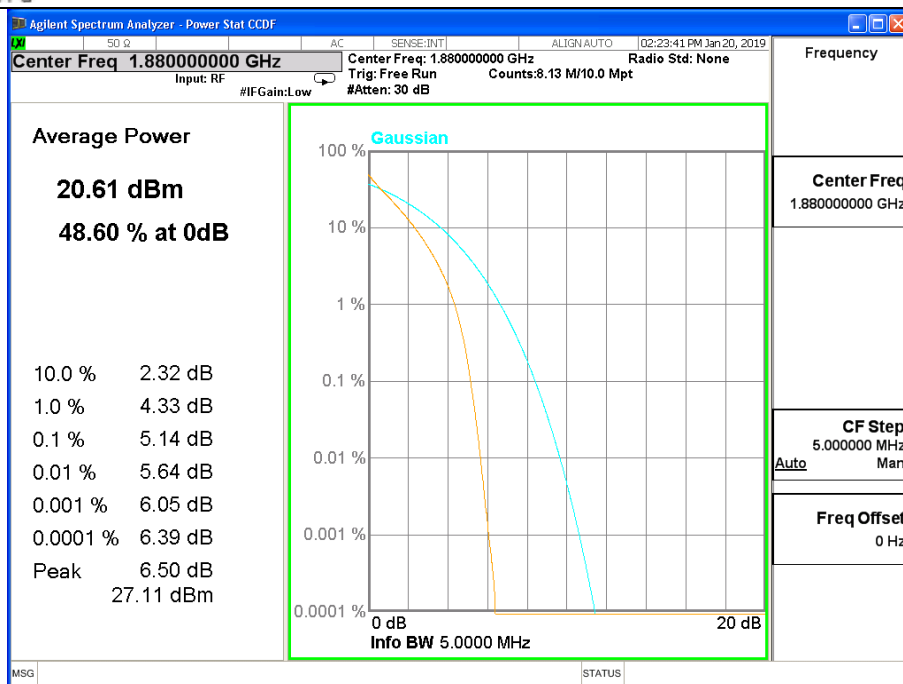
Peak-Average Ratio Plot(3MHz BW,QPSK,Band 2-mid Channel)



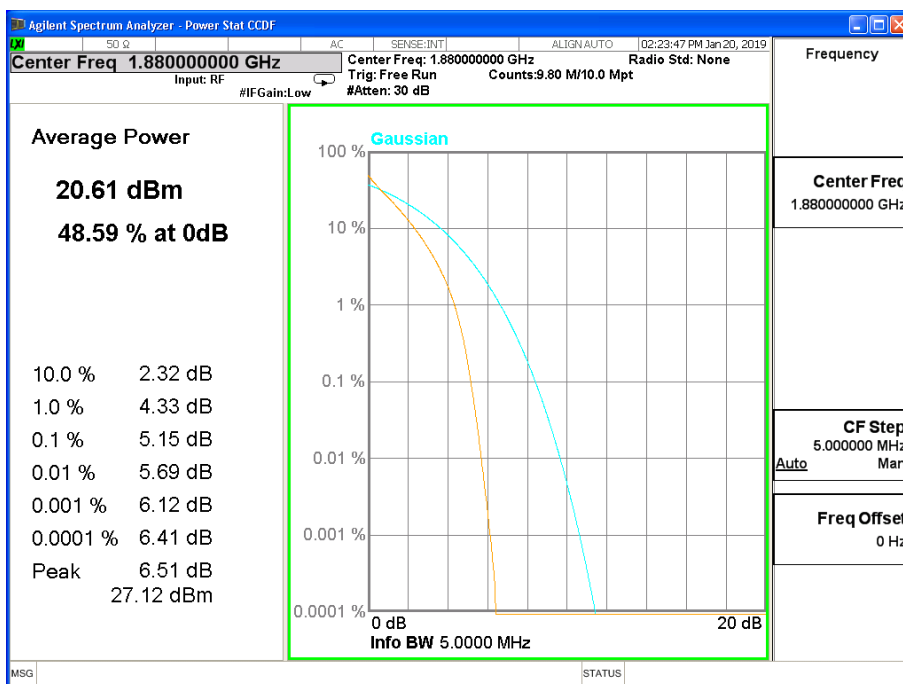
Peak-Average Ratio Plot(3MHz BW,16QAM,Band 2-mid Channel)



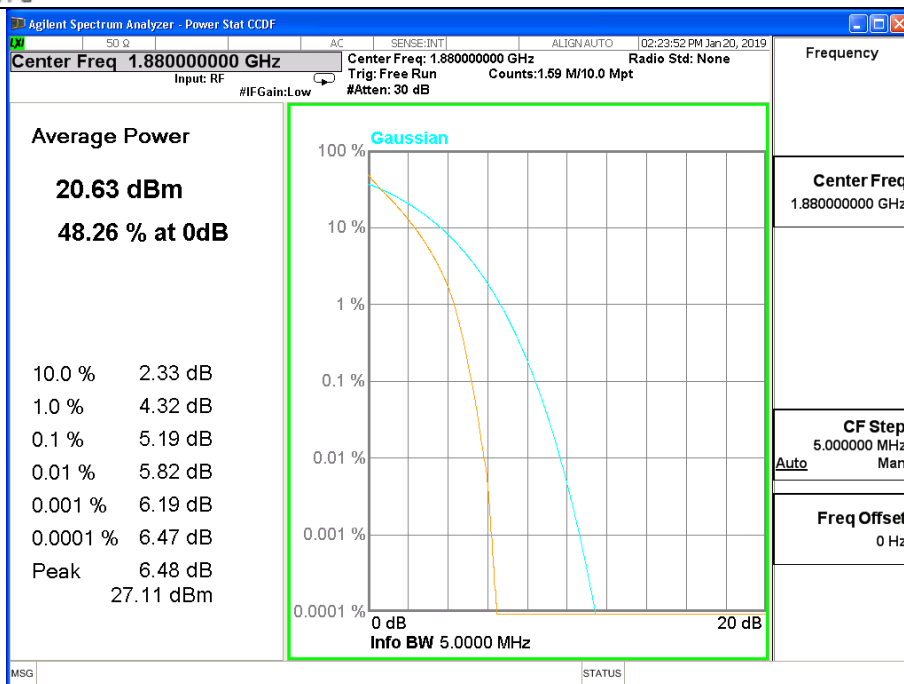
Peak-Average Ratio Plot(3MHz BW,64QAM,Band 2-mid Channel)



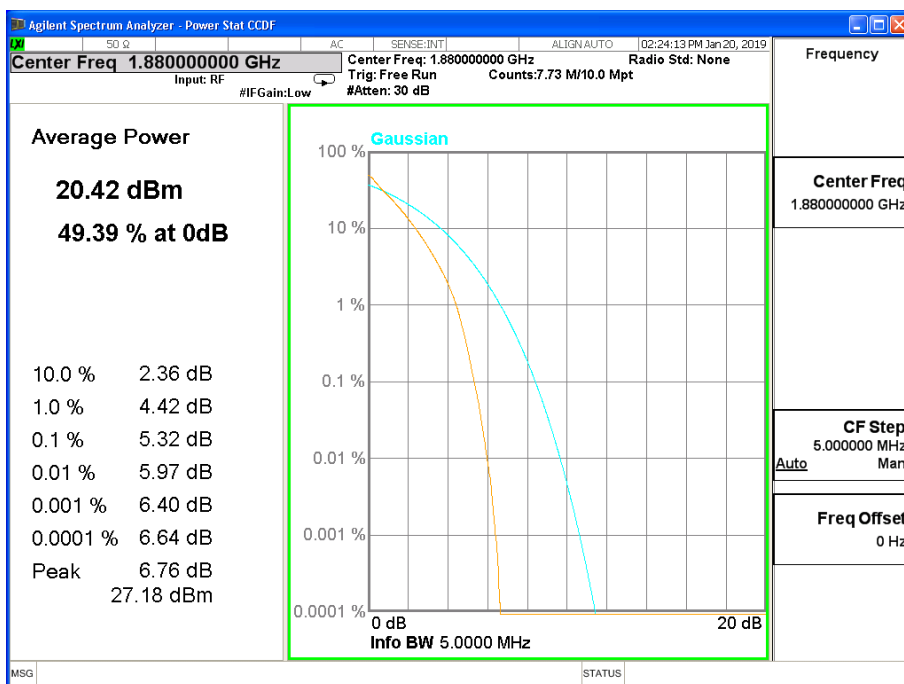
Peak-Average Ratio Plot(5MHz BW,QPSK,Band 2-mid Channel)



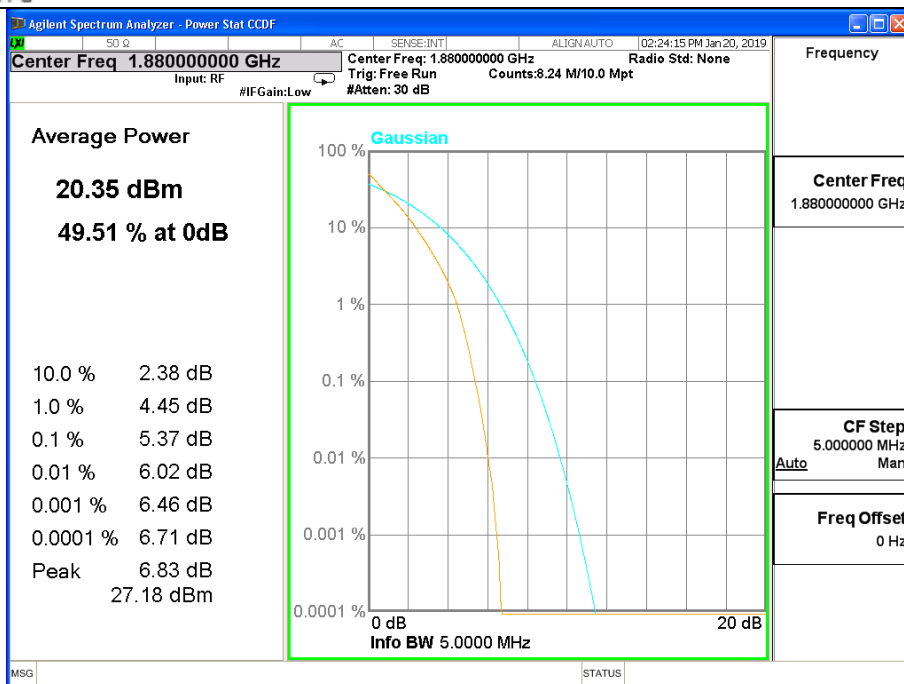
Peak-Average Ratio Plot(5MHz BW,16QAM,Band 2-mid Channel)



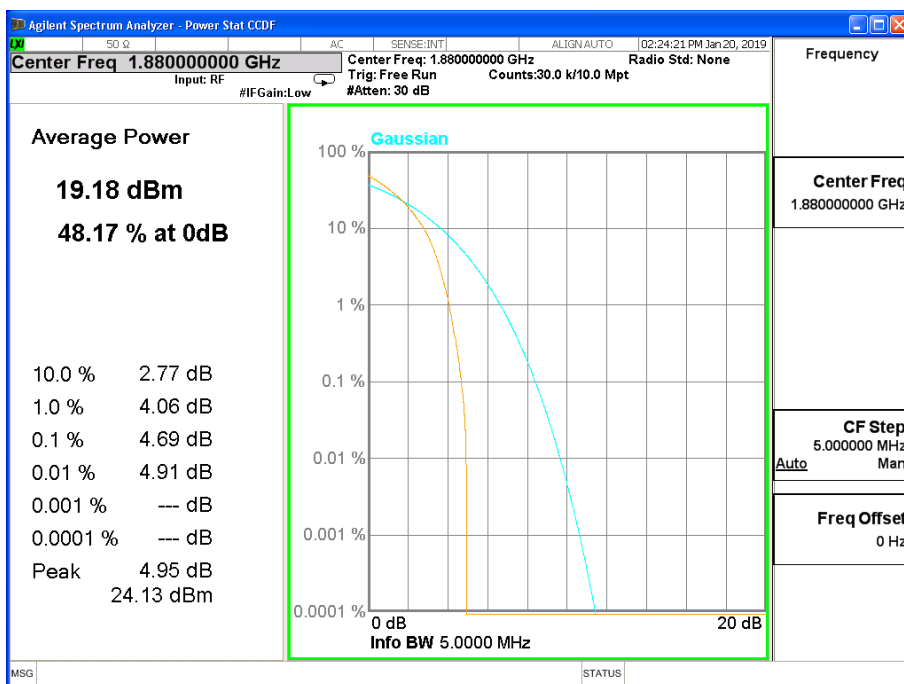
Peak-Average Ratio Plot(5MHz BW,64QAM,Band 2-mid Channel)



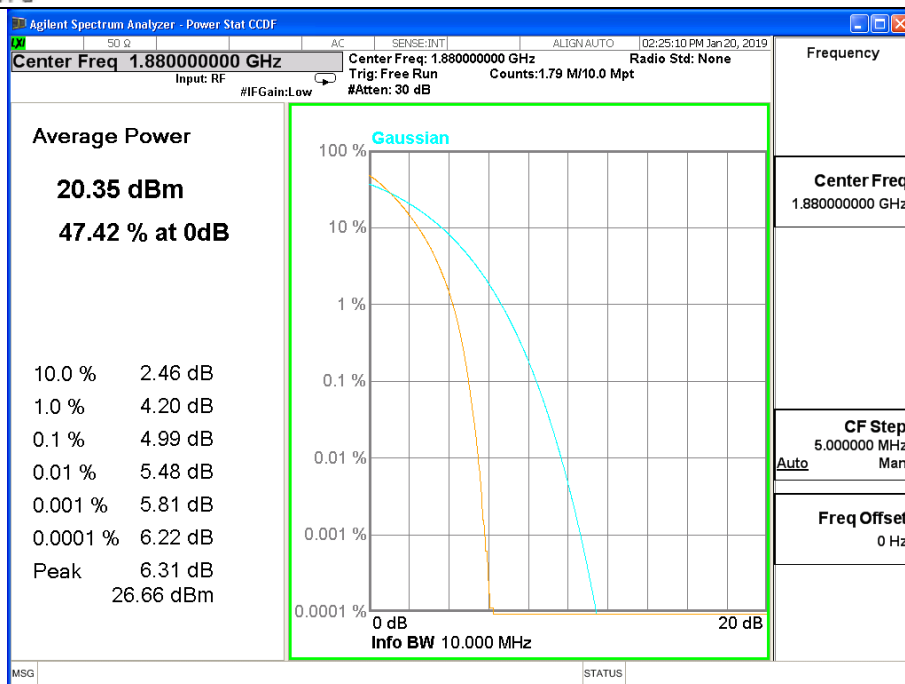
Peak-Average Ratio Plot(10MHz BW,QPSK,Band 2-mid Channel)



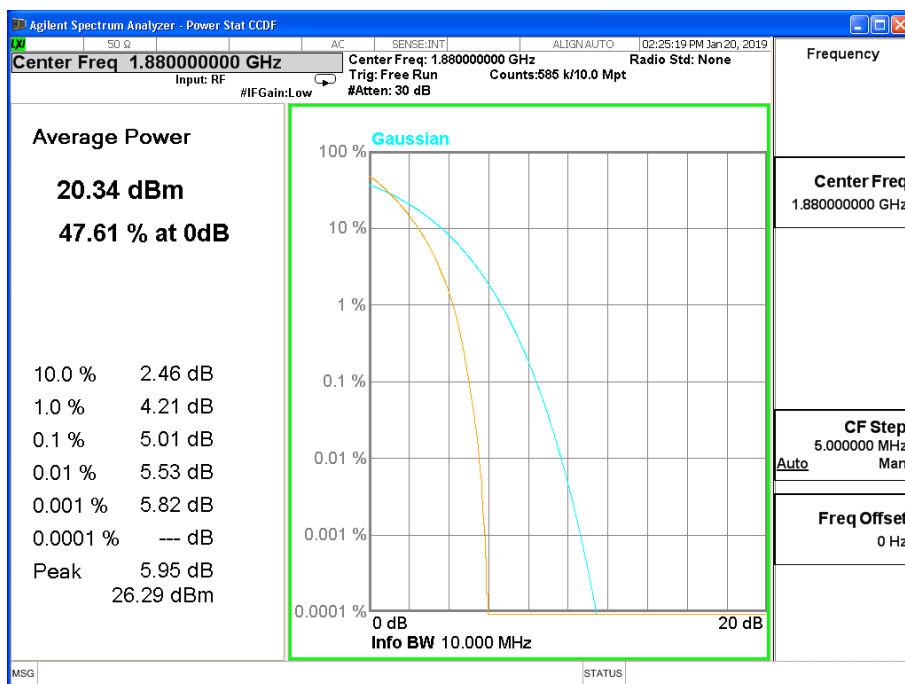
Peak-Average Ratio Plot(10MHz BW,16QAM,Band 2-mid Channel)



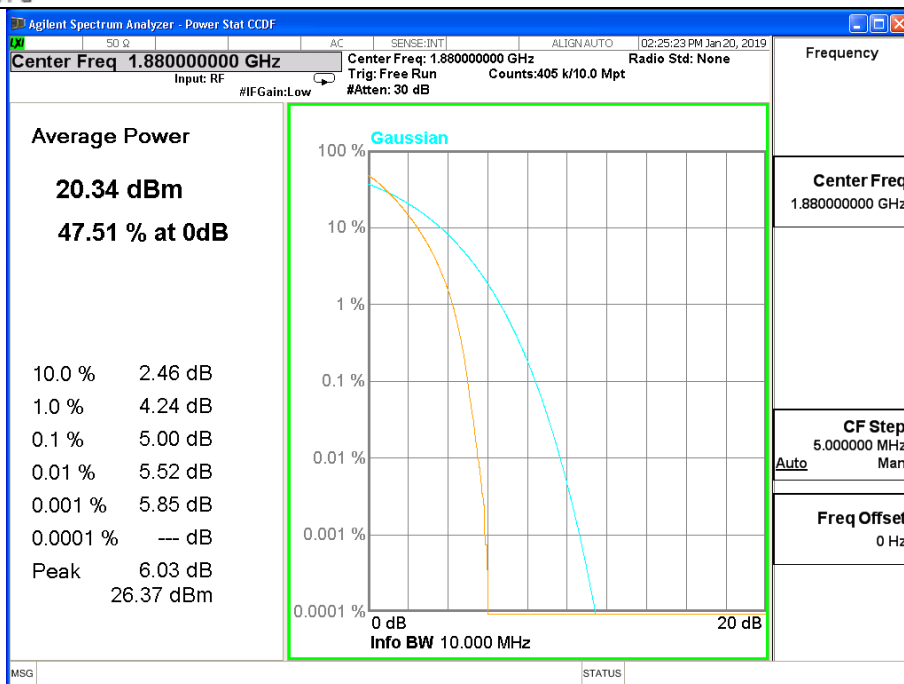
Peak-Average Ratio Plot(10MHz BW,64QAM,Band 2-mid Channel)



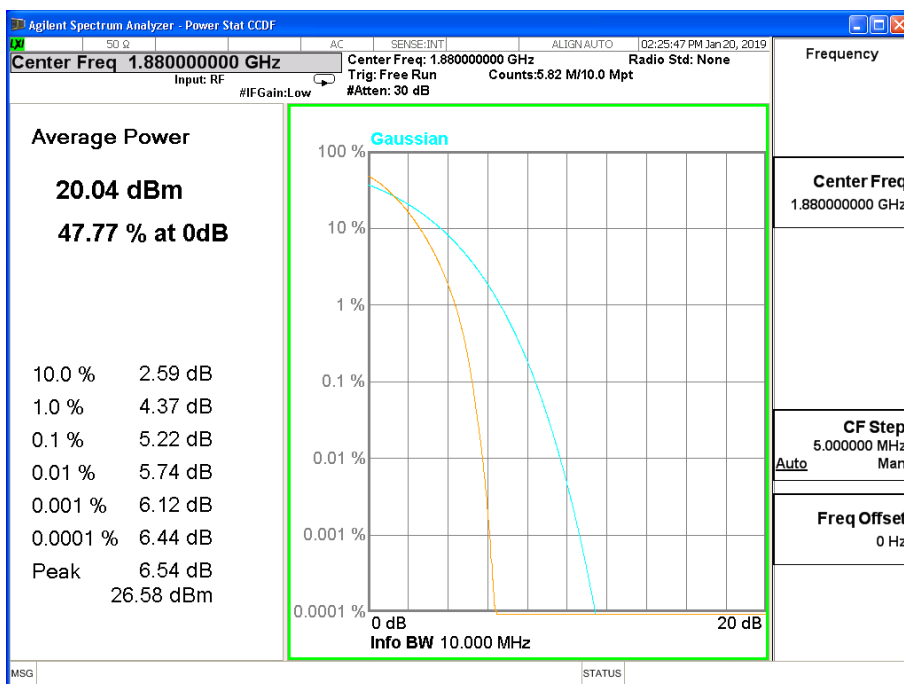
Peak-Average Ratio Plot(15MHz BW,QPSK,Band 2-mid Channel)



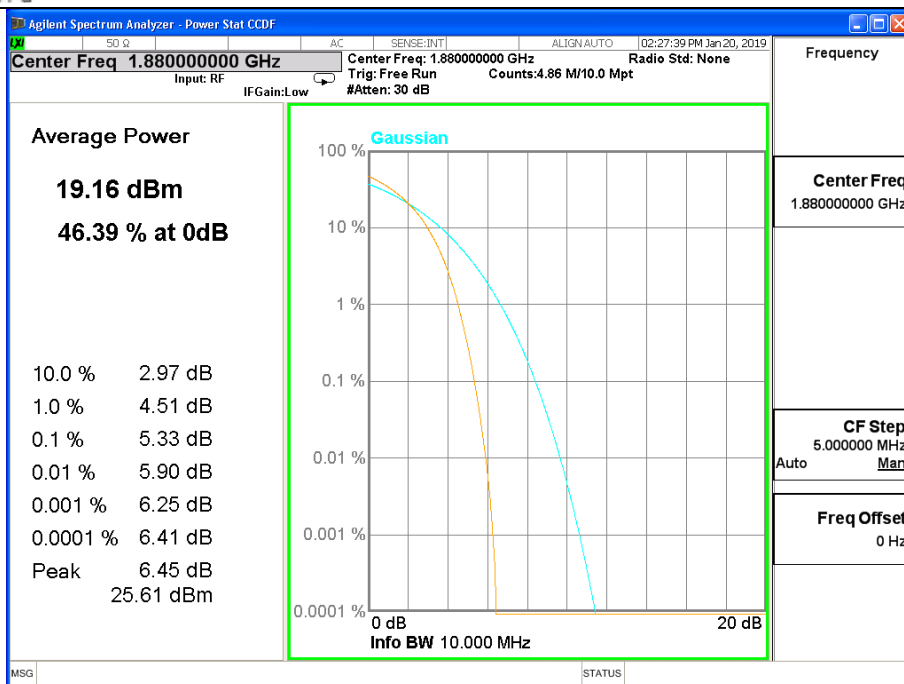
Peak-Average Ratio Plot(15MHz BW,16QAM,Band 2-mid Channel)



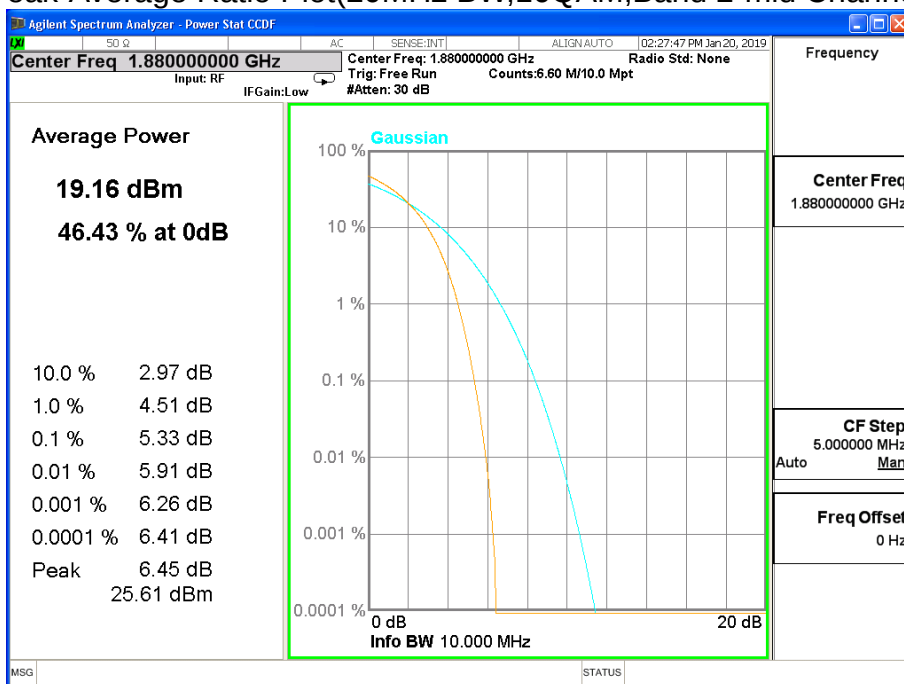
Peak-Average Ratio Plot(15MHz BW,64QAM,Band 2-mid Channel)



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)

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

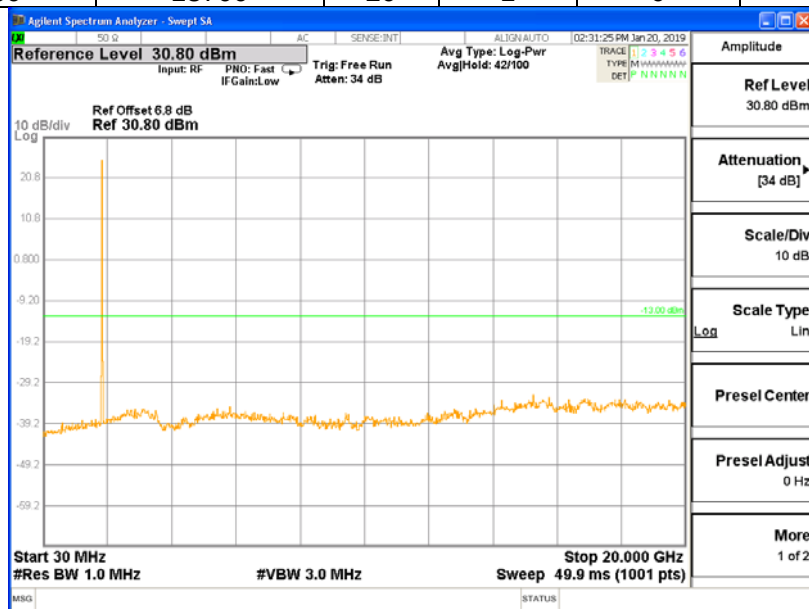


Fig.1

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

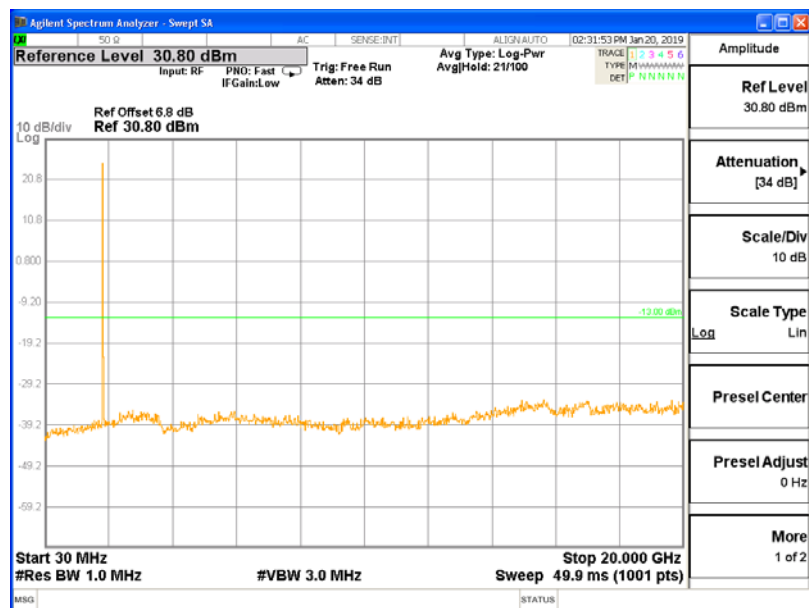


Fig.1

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

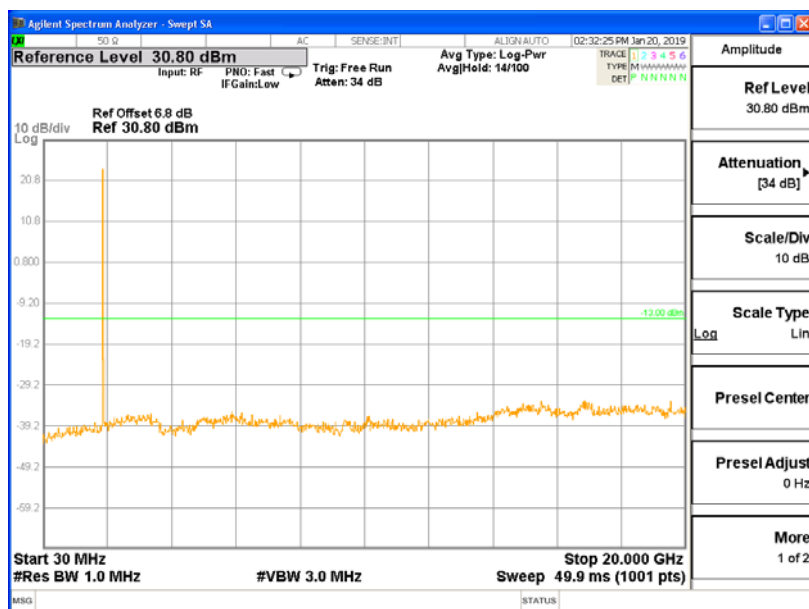


Fig.1

6 Band Edges Compliance

Test result

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

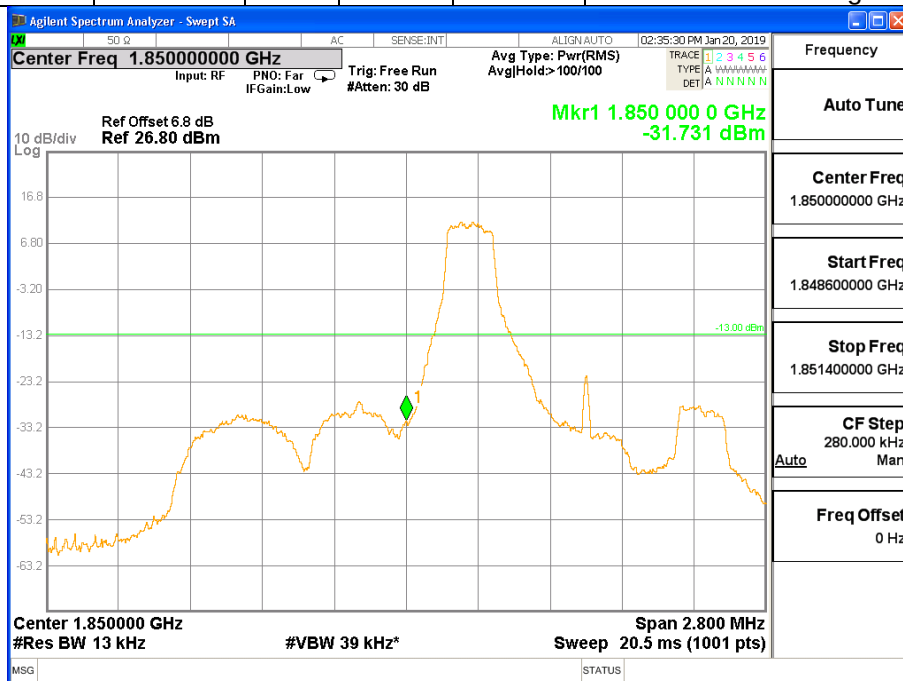


Fig.1

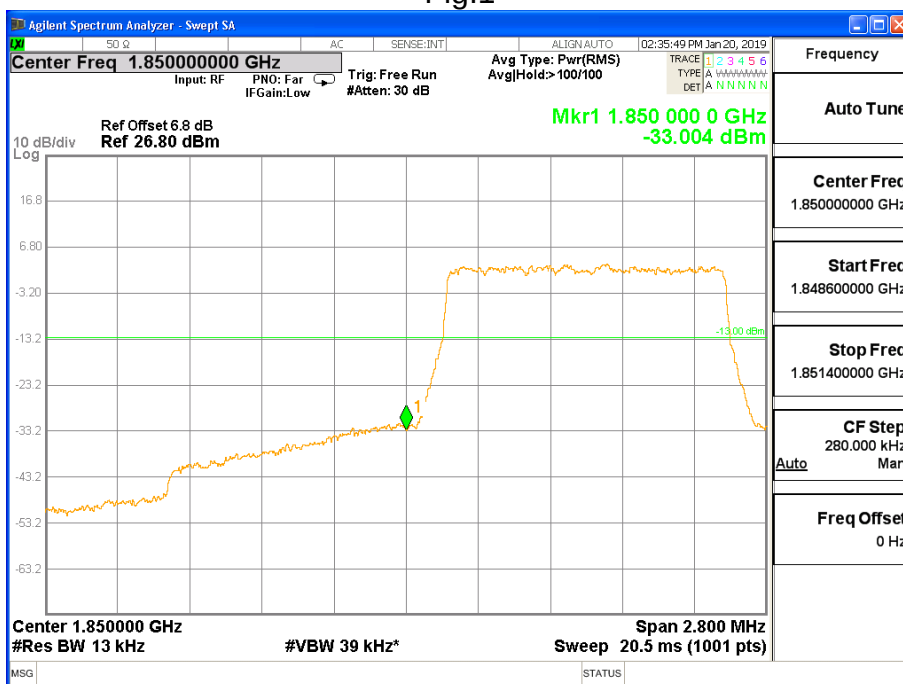


Fig.4

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

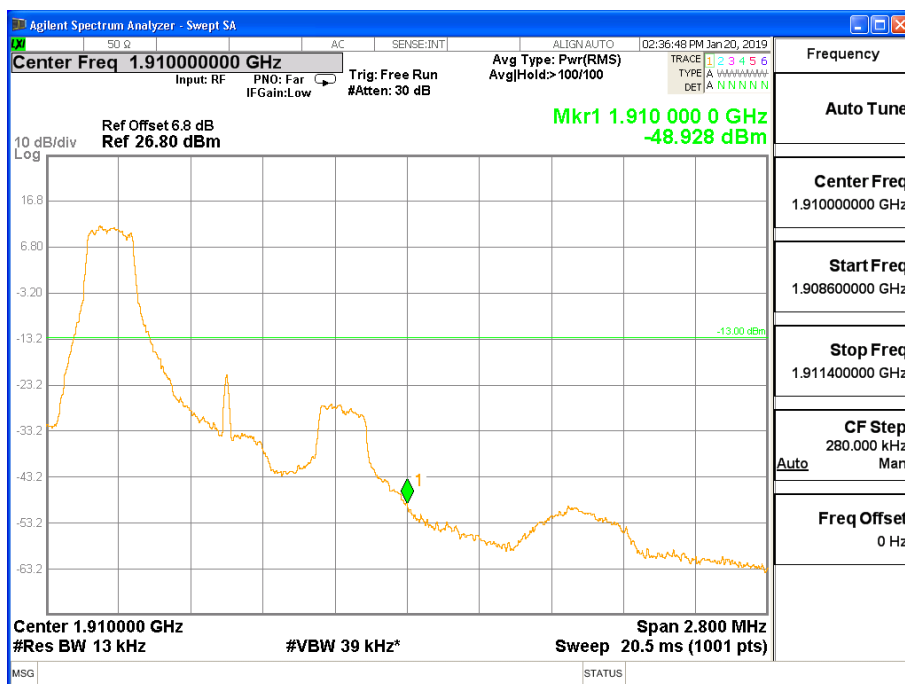


Fig.1

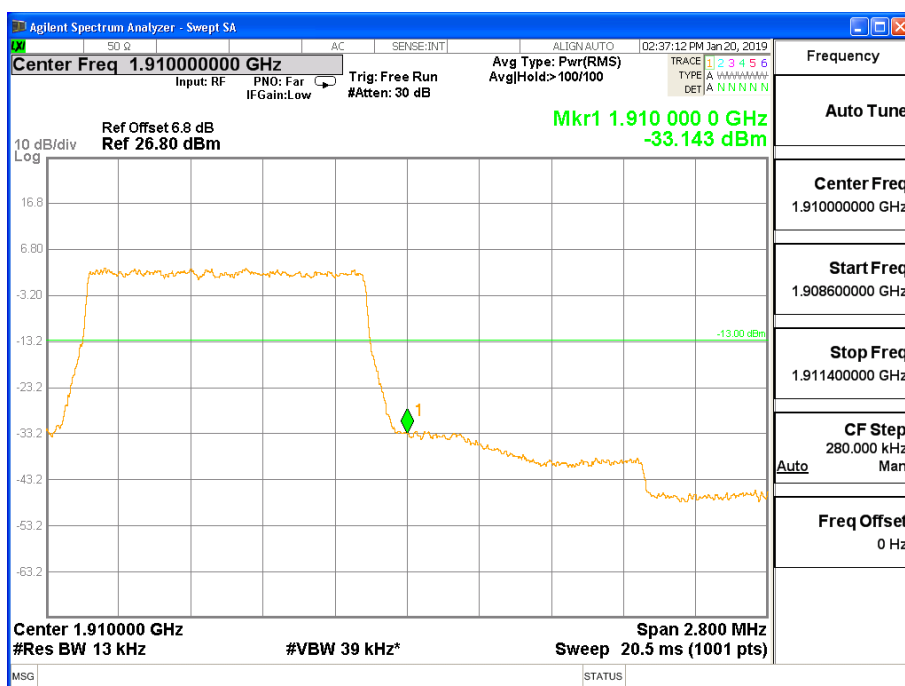


Fig.4

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

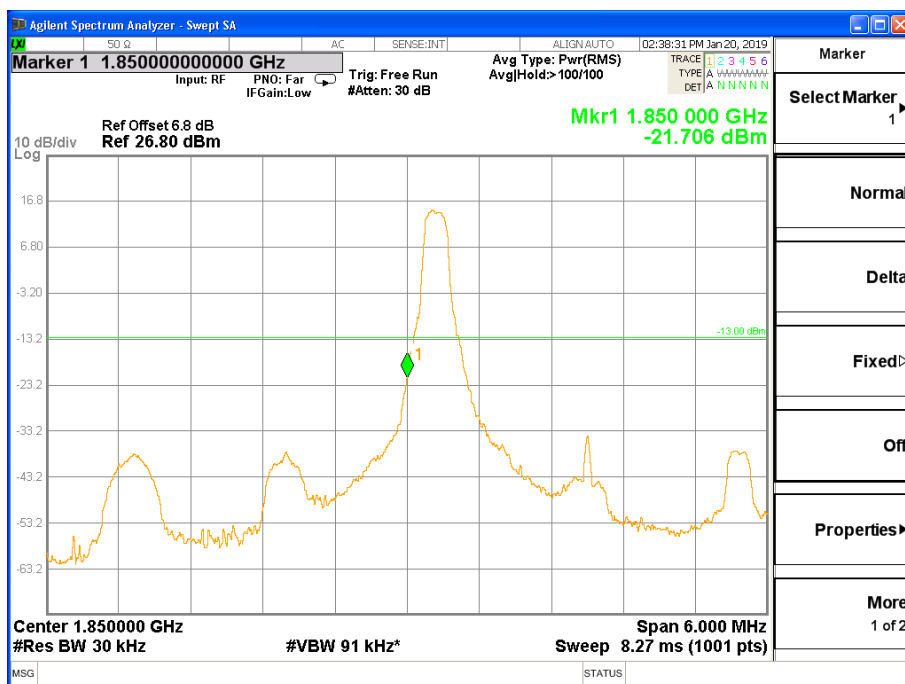


Fig.1

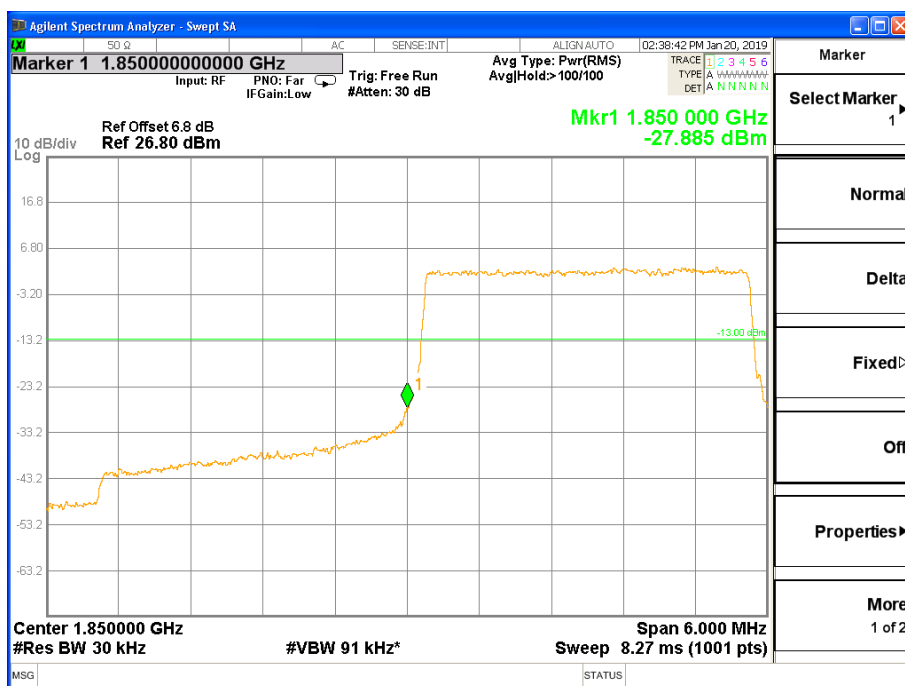


Fig.4

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

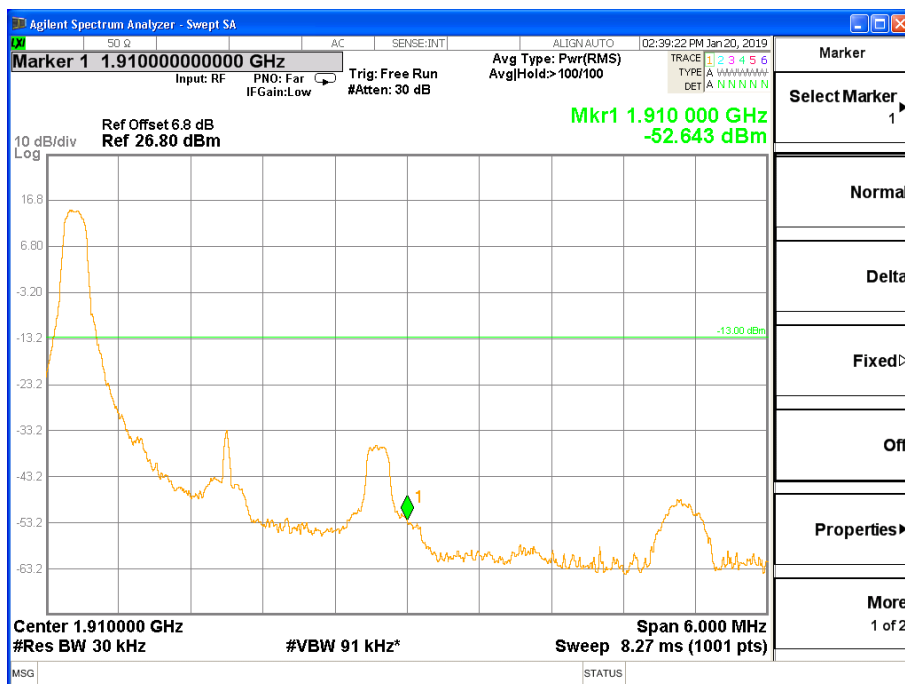


Fig.1

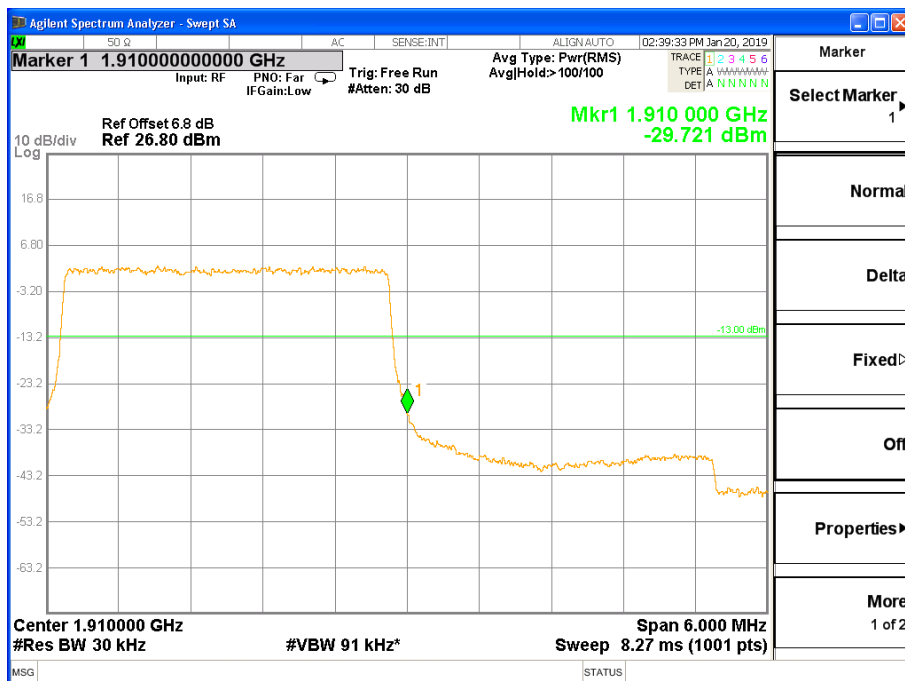


Fig.4

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

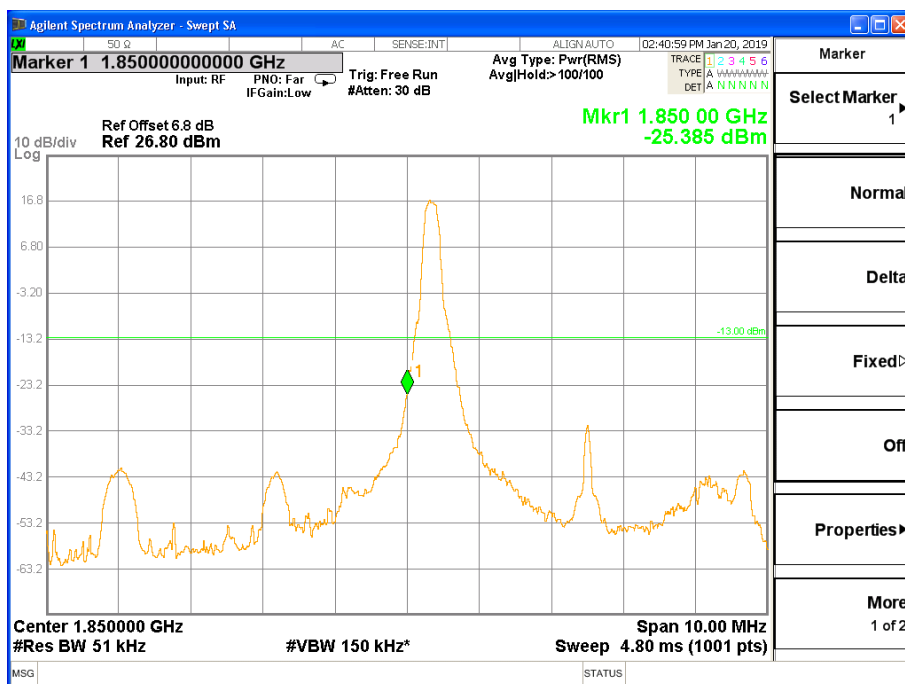


Fig.1

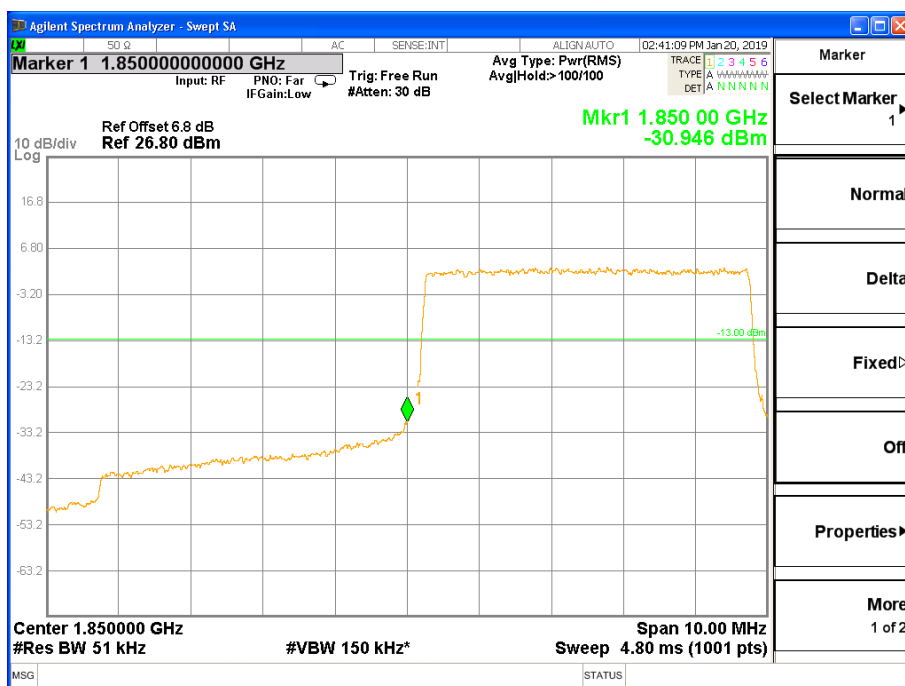


Fig.4

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

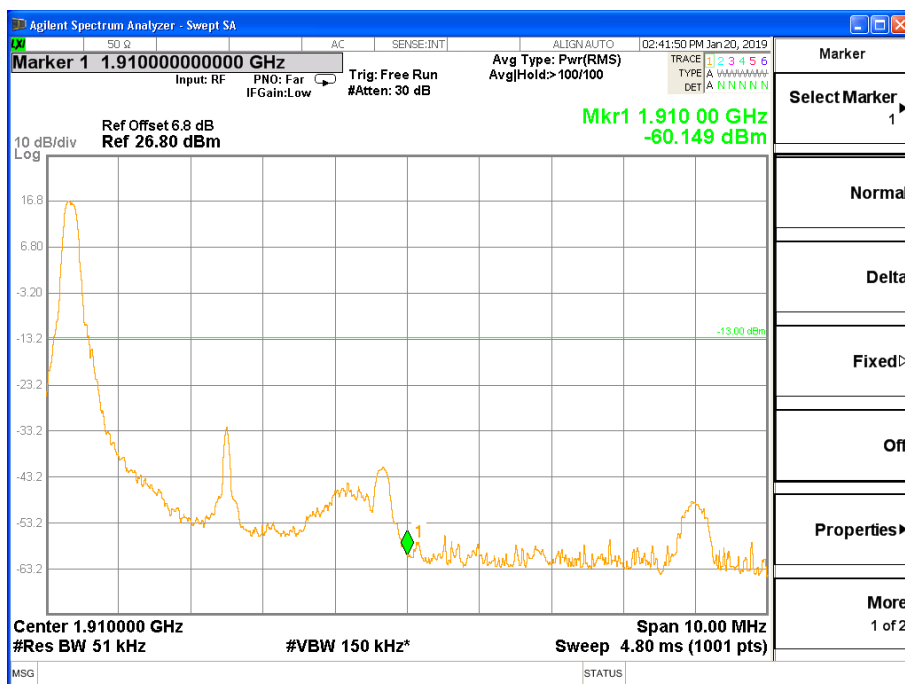


Fig.1

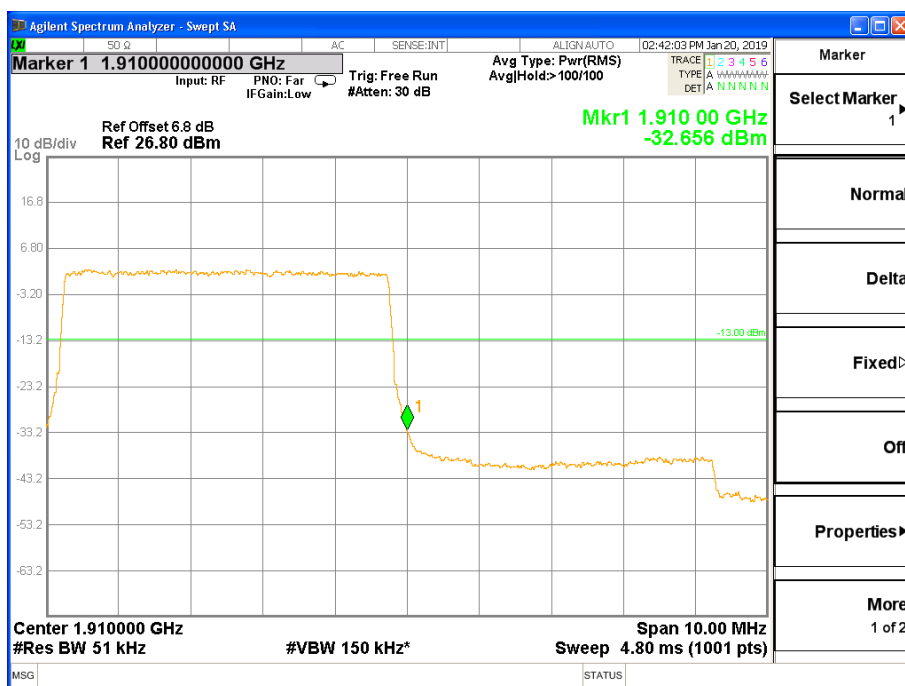


Fig.4

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

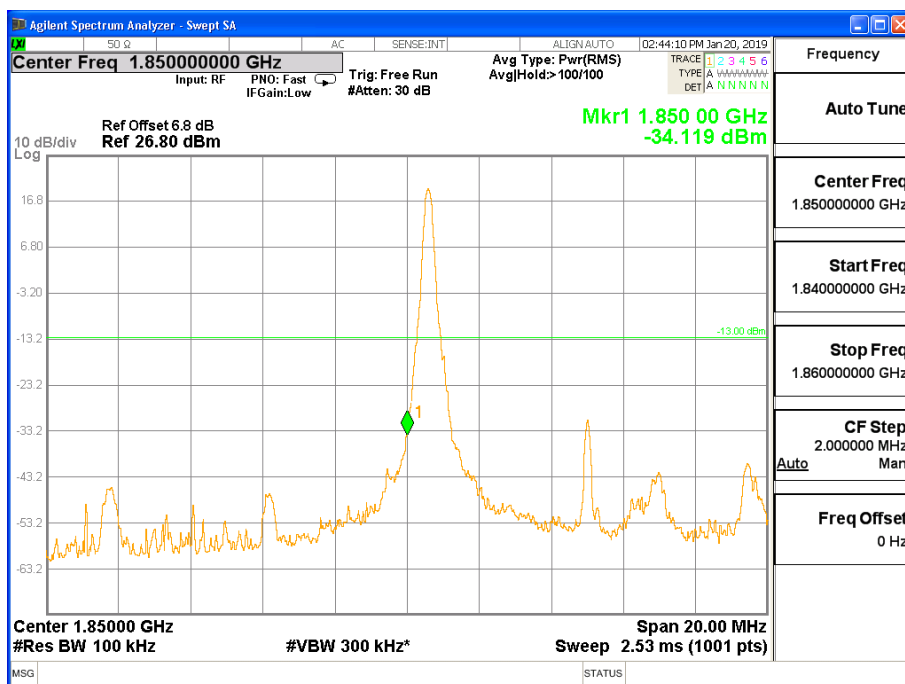


Fig.1

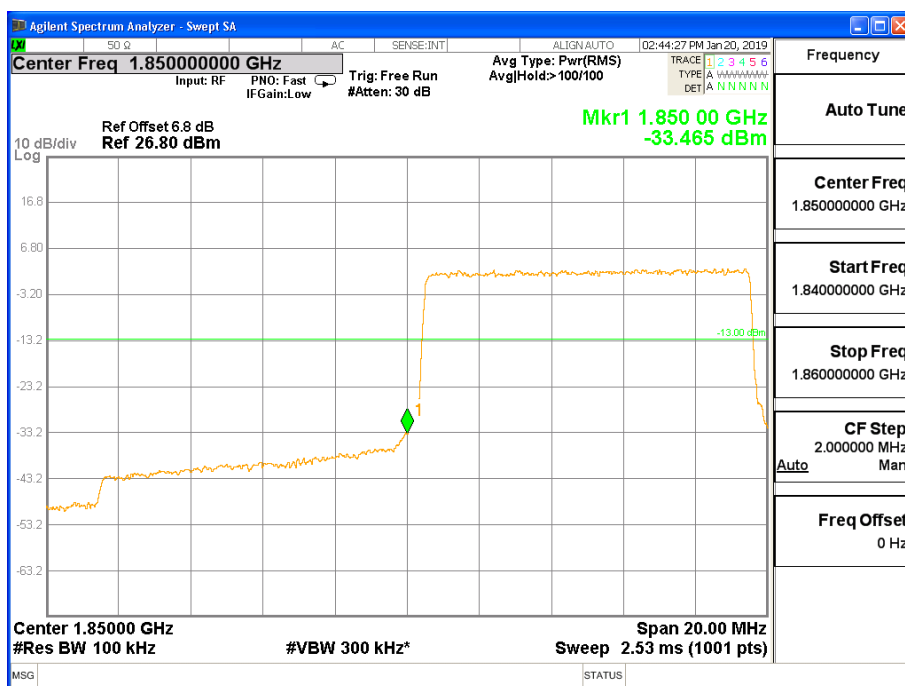


Fig.4

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

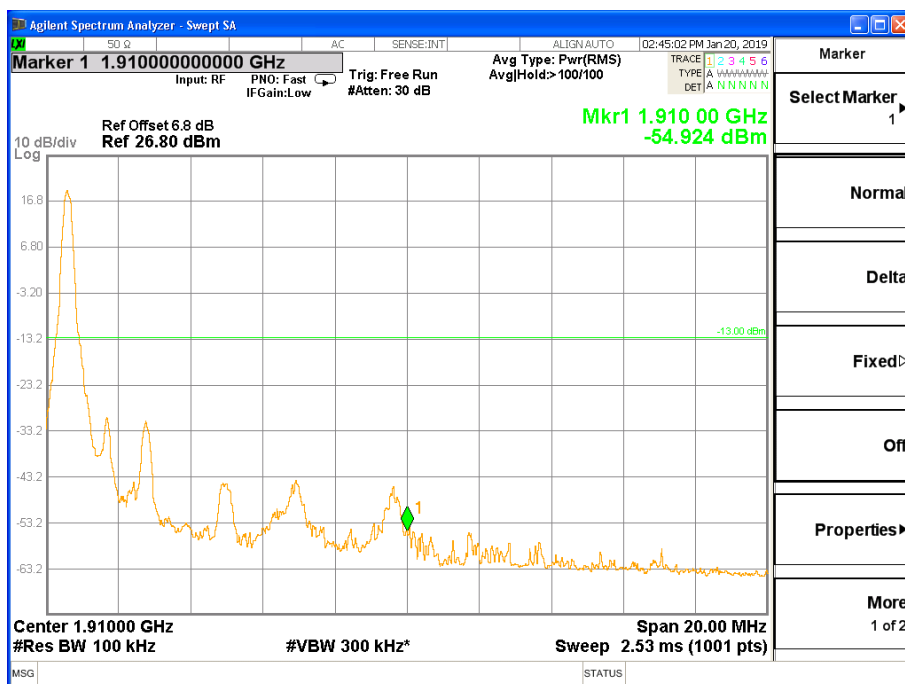


Fig.1

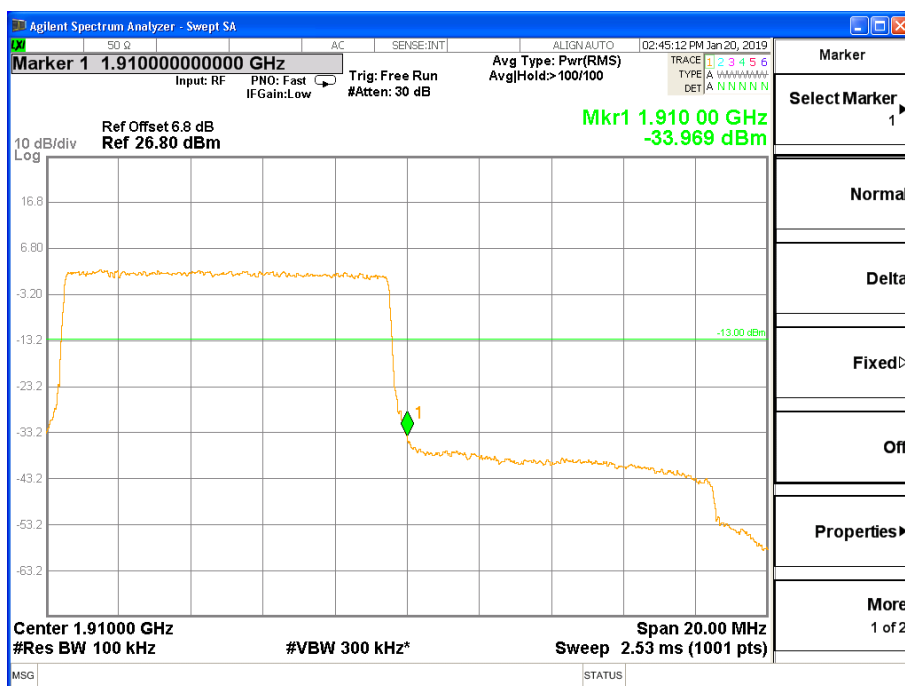


Fig.4

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

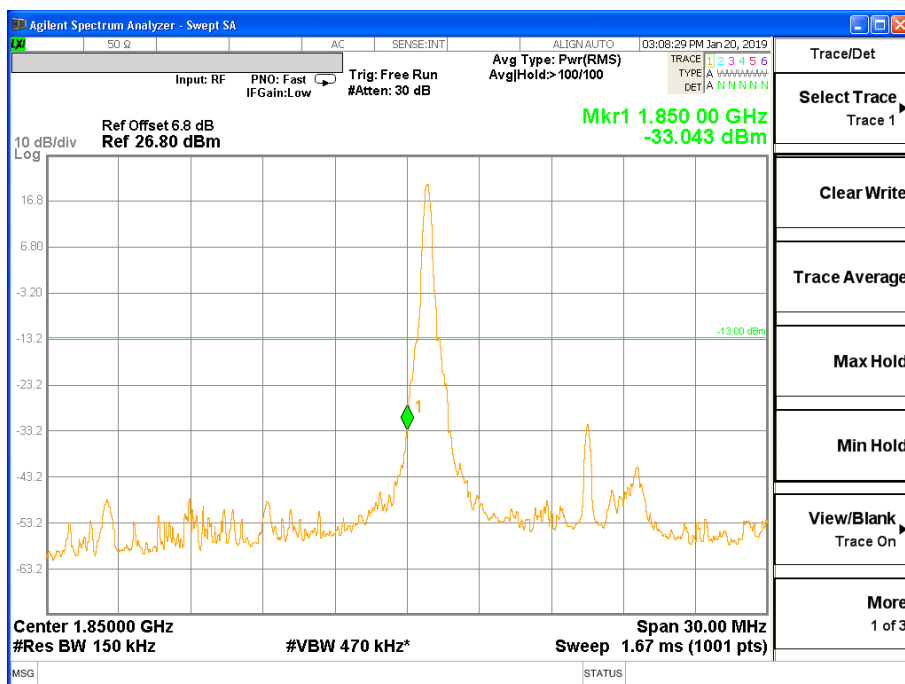


Fig.1

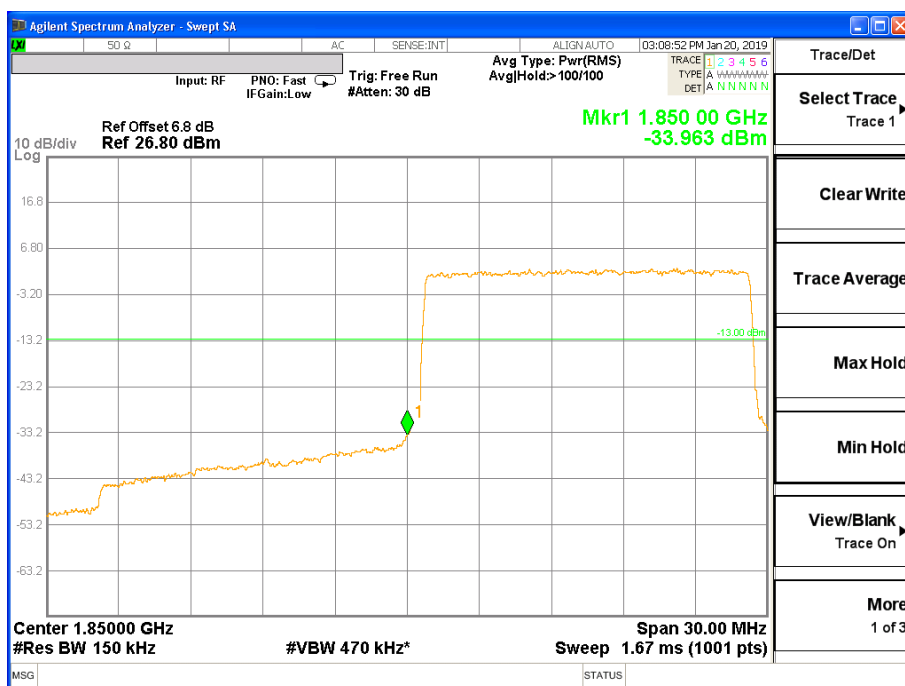


Fig.4

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

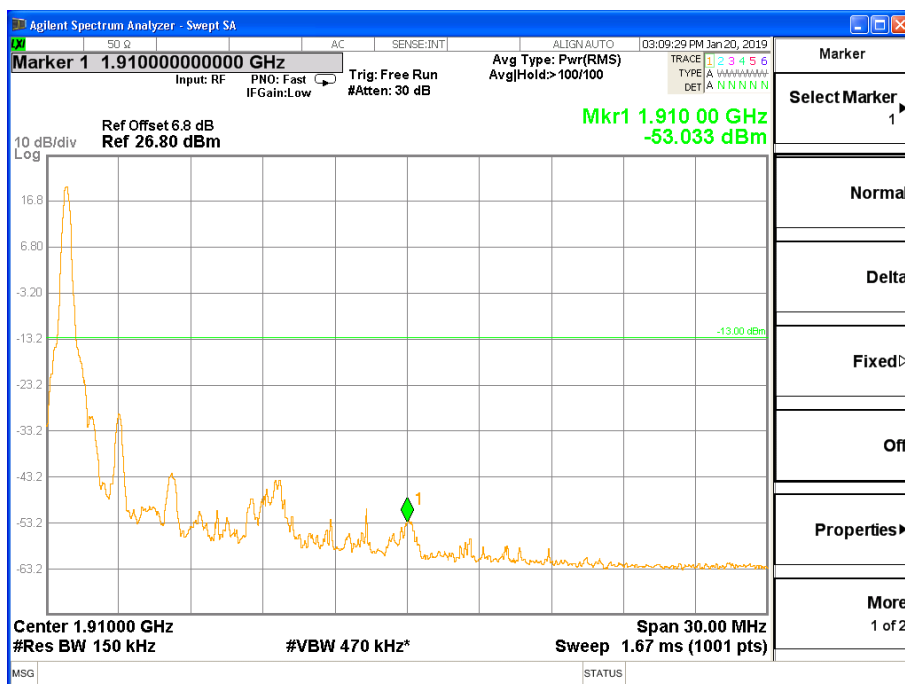


Fig.1

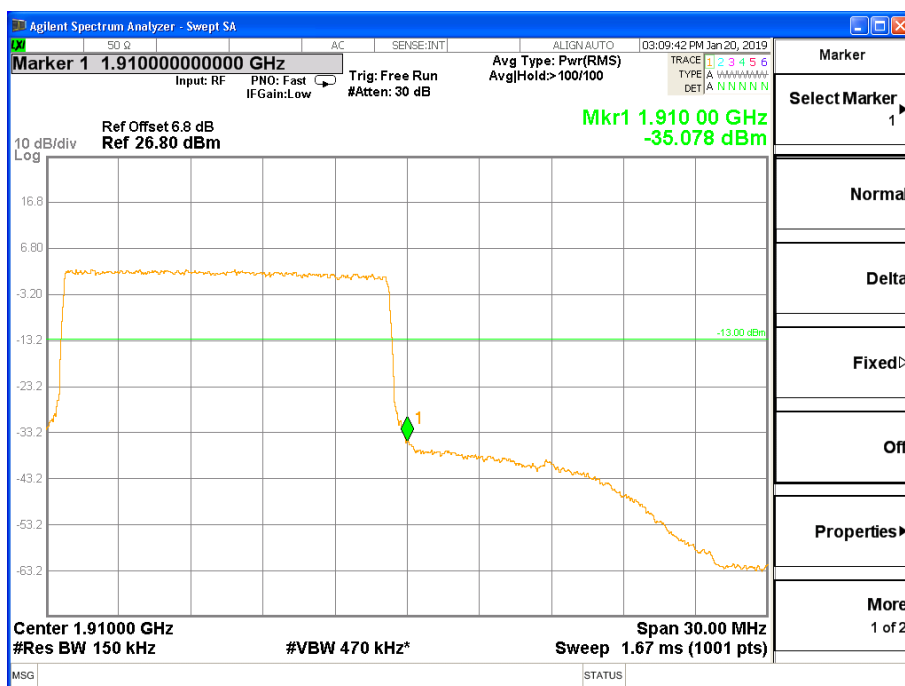


Fig.4

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

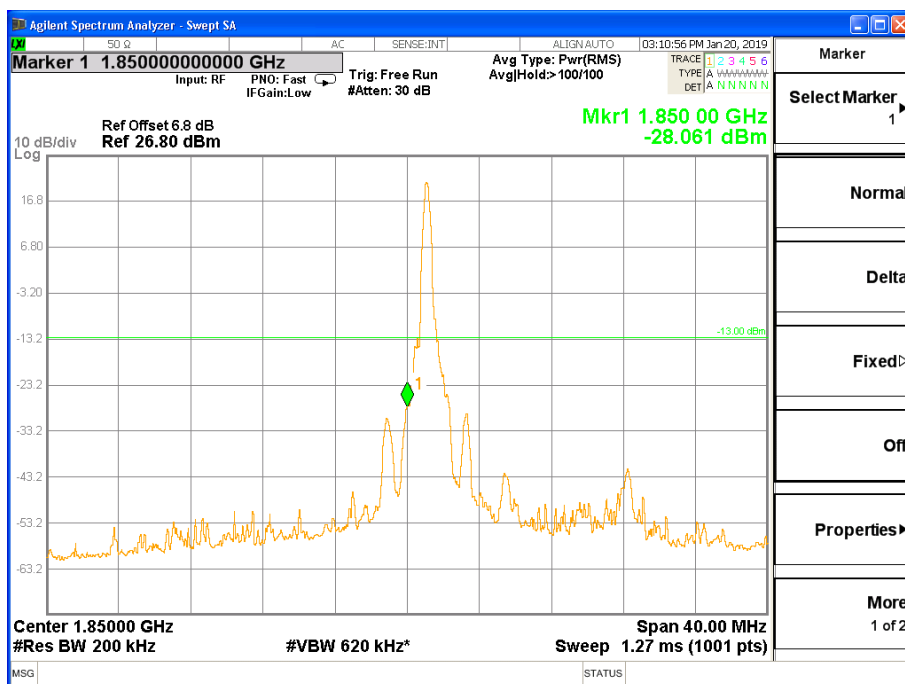


Fig.1

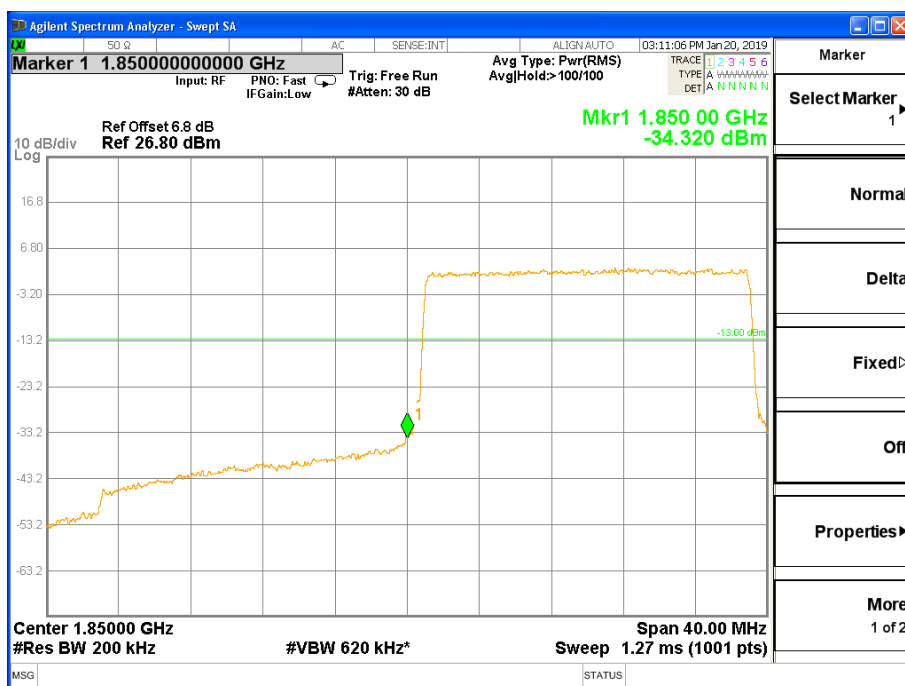


Fig.4

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

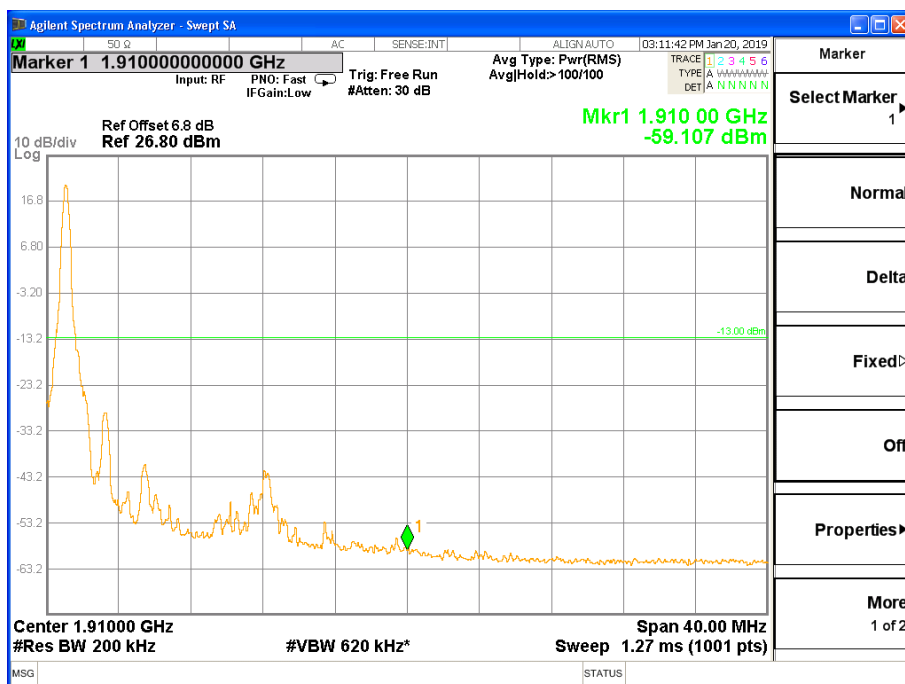


Fig.1

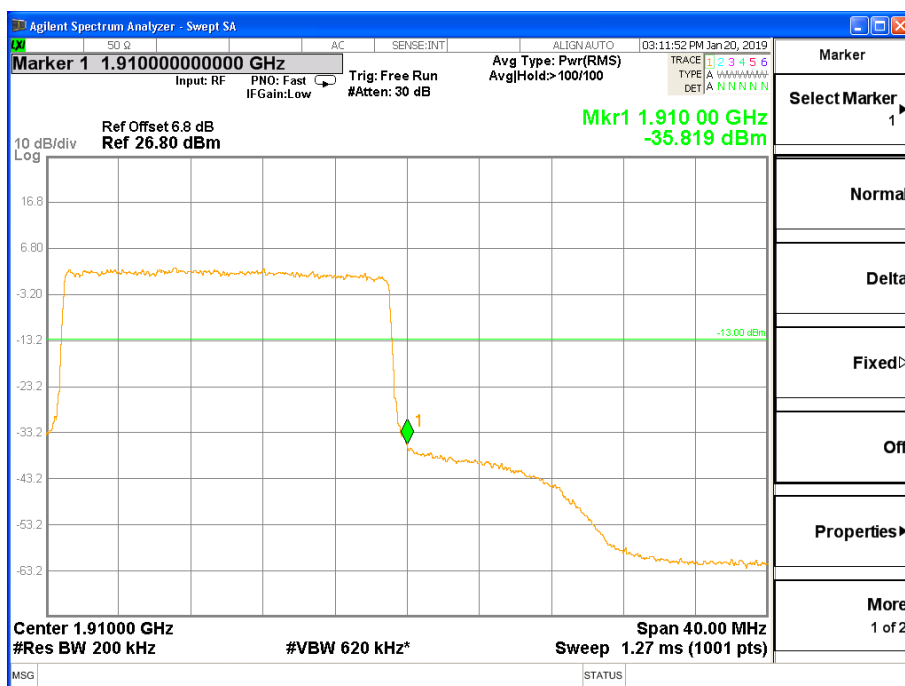


Fig.4

7 Frequency Stability

Test result:

Temperature(°C)	Voltage	Test Result (ppm) Band2 Low Channel					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.011	0.011	0.012	0.004	0.014	0.003
0	NV	0.005	0.018	0.019	0.009	0.008	0.020
+10	NV	-0.001	0.004	0.012	0.009	0.015	0.005
+20	NV	0.011	0.011	0.012	0.004	0.014	0.003
+30	NV	0.008	-0.002	0.017	0.011	0.014	0.013
+40	NV	0.015	0.015	-0.001	0.003	0.016	0.011
+50	NV	0.015	0.017	0.008	-0.018	0.010	0.018
+55	NV	0.019	0.018	0.006	0.002	-0.004	0.002
+20	LV	0.015	0.005	0.001	0.015	0.018	0.015
+20	HV	0.016	0.003	0.015	0.001	0.002	0.011

Temperature(°C)	Voltage	Test Result (ppm) Band2 High Channel					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.011	0.011	0.012	0.004	0.014	0.003
0	NV	0.007	0.005	0.013	0.010	0.013	0.004
+10	NV	0.018	0.001	0.002	0.011	-0.005	0.015
+20	NV	0.014	0.015	0.004	-0.002	0.015	0.012
+30	NV	0.020	0.009	0.008	0.005	0.015	0.006
+40	NV	-0.006	0.002	0.006	0.011	0.015	-0.019
+50	NV	0.006	0.007	0.004	0.010	0.019	0.007
+55	NV	0.001	0.011	0.009	0.007	-0.006	0.020
+20	LV	0.017	0.020	0.009	0.006	0.011	0.020
+20	HV	0.013	-0.016	0.006	0.017	0.020	0.014