

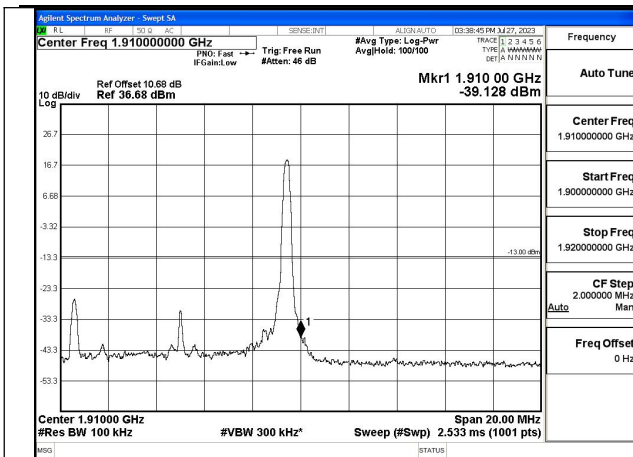


Fig.15

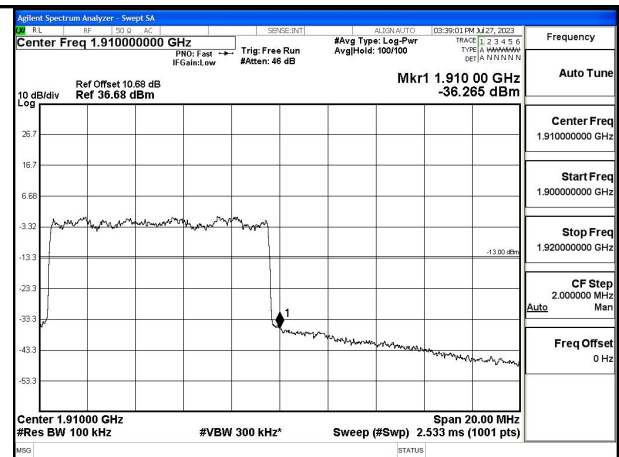


Fig.16

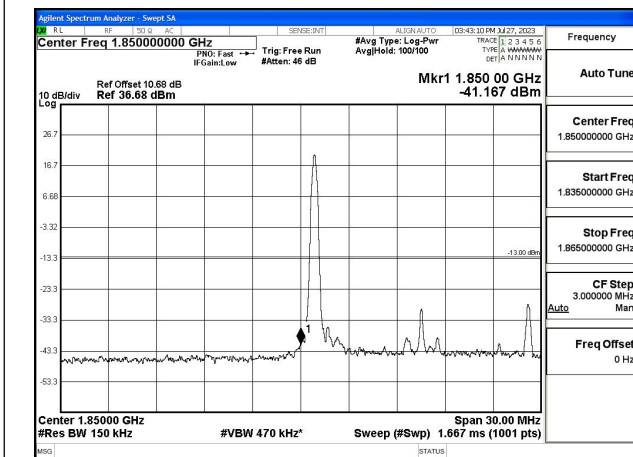


Fig.17

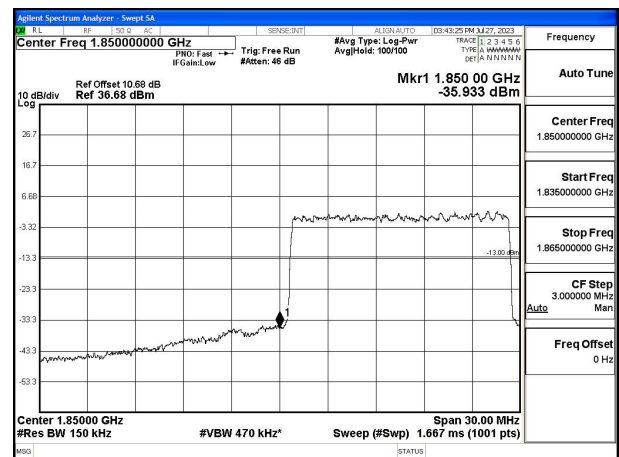


Fig.18

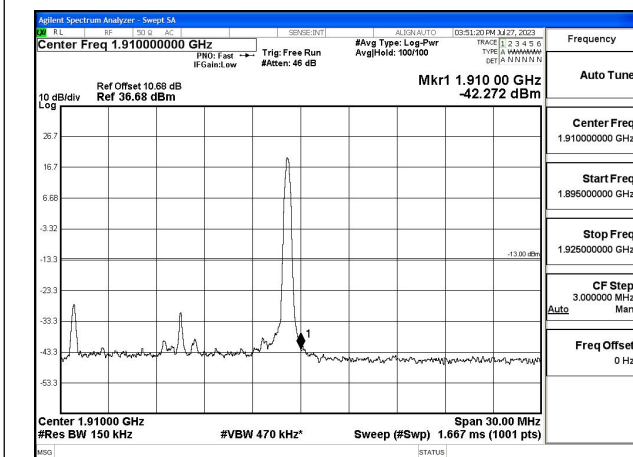


Fig.19

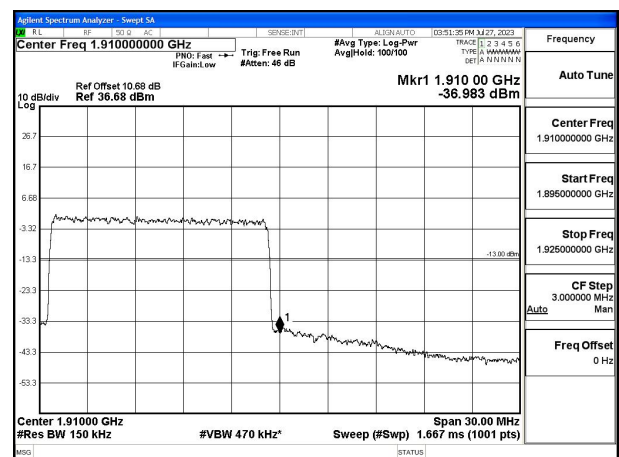


Fig.20

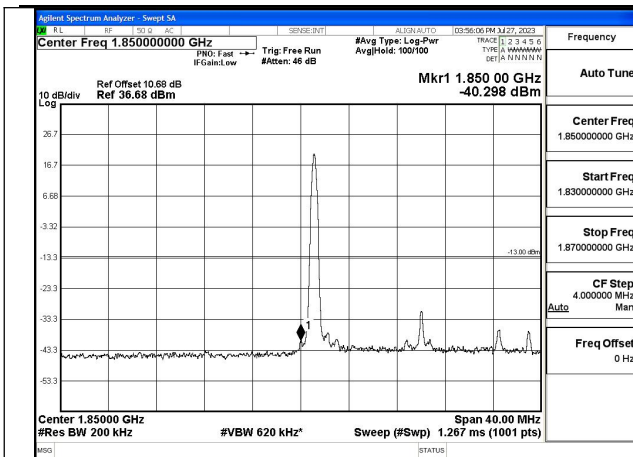


Fig.21

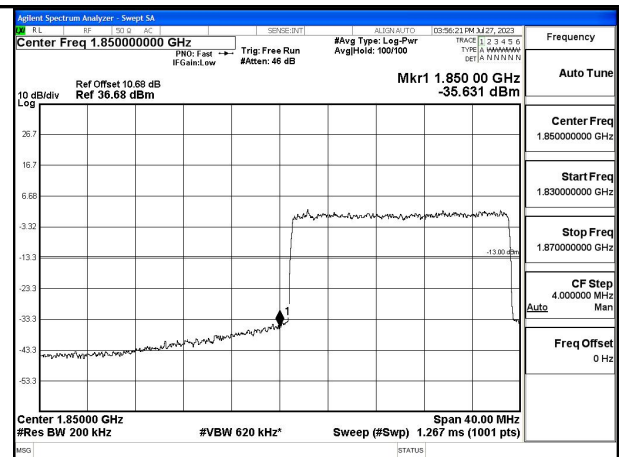


Fig.22

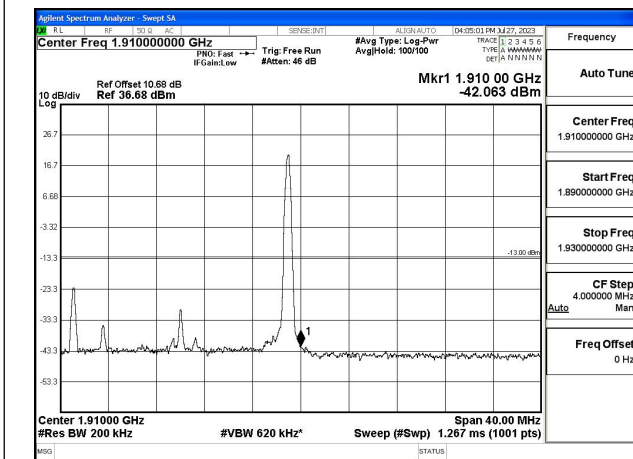


Fig.23

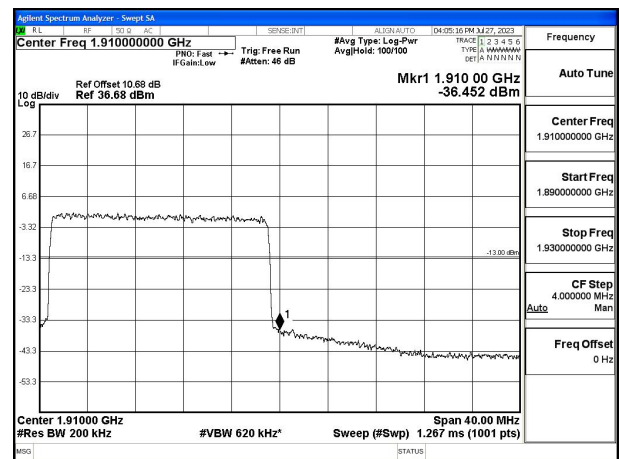


Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 2 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.007	-0.004	-0.006	-0.005	-0.003	-0.002
0	NV	-0.007	-0.004	-0.007	-0.004	-0.003	-0.001
+10	NV	-0.010	-0.006	-0.004	-0.004	-0.003	-0.006
+20	NV	-0.007	-0.003	-0.007	-0.005	0.002	0.001
+30	NV	-0.006	-0.005	-0.003	-0.003	-0.003	-0.004
+40	NV	-0.007	-0.005	-0.006	-0.005	-0.002	-0.005
+50	NV	-0.004	-0.007	-0.007	-0.005	-0.002	-0.002
+55	NV	-0.004	-0.005	-0.002	0.002	-0.005	-0.007
+20	LV	-0.007	-0.002	-0.007	-0.004	-0.004	0.002
+20	HV	-0.006	-0.006	-0.005	-0.003	0.003	-0.001

Temperature(°C)	Voltage	Test Result (ppm) Band 2 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.005	-0.008	-0.007	-0.004	-0.006	-0.004
0	NV	-0.005	-0.005	-0.007	-0.006	-0.003	0.001
+10	NV	-0.004	-0.005	0.001	-0.005	-0.006	-0.006
+20	NV	-0.005	-0.003	-0.002	-0.004	-0.005	-0.007
+30	NV	-0.006	-0.007	-0.005	0.000	-0.007	-0.004
+40	NV	-0.006	-0.002	-0.001	0.000	-0.006	-0.005
+50	NV	-0.008	-0.008	-0.001	-0.004	-0.005	-0.006
+55	NV	-0.006	-0.007	-0.002	-0.003	-0.003	-0.006
+20	LV	-0.008	-0.007	-0.004	-0.003	0.001	-0.006
+20	HV	-0.005	-0.003	-0.004	0.003	-0.004	0.001

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1880	18900	1.4	1	0	22.55	20.94	0.124
QPSK	1880	18900	1.4	1	3	22.77	21.16	0.131
QPSK	1880	18900	1.4	1	5	22.52	20.91	0.123
QPSK	1880	18900	1.4	3	0	22.68	21.07	0.128
QPSK	1880	18900	1.4	3	1	22.79	21.18	0.131
QPSK	1880	18900	1.4	3	3	22.76	21.15	0.130
QPSK	1880	18900	1.4	6	0	21.67	20.06	0.101
QPSK	1909.3	19193	1.4	1	0	22.39	20.78	0.120
QPSK	1909.3	19193	1.4	1	3	22.61	21.00	0.126
QPSK	1909.3	19193	1.4	1	5	22.41	20.80	0.120
QPSK	1909.3	19193	1.4	3	0	22.51	20.90	0.123
QPSK	1909.3	19193	1.4	3	1	22.60	20.99	0.126
QPSK	1909.3	19193	1.4	3	3	22.44	20.83	0.121
QPSK	1909.3	19193	1.4	6	0	21.51	19.90	0.098
QPSK	1850.7	18607	1.4	1	0	22.48	20.87	0.122
QPSK	1850.7	18607	1.4	1	3	22.68	21.07	0.128
QPSK	1850.7	18607	1.4	1	5	22.51	20.90	0.123
QPSK	1850.7	18607	1.4	3	0	22.54	20.93	0.124
QPSK	1850.7	18607	1.4	3	1	22.75	21.14	0.130
QPSK	1850.7	18607	1.4	3	3	22.70	21.09	0.129
QPSK	1850.7	18607	1.4	6	0	21.69	20.08	0.102

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1850.7	18607	1.4	1	0	21.84	20.23	0.105
16QAM	1850.7	18607	1.4	1	3	22.05	20.44	0.111
16QAM	1850.7	18607	1.4	1	5	21.83	20.22	0.105
16QAM	1850.7	18607	1.4	3	0	21.46	19.85	0.097
16QAM	1850.7	18607	1.4	3	1	21.53	19.92	0.098
16QAM	1850.7	18607	1.4	3	3	21.66	20.05	0.101
16QAM	1850.7	18607	1.4	6	0	20.71	19.10	0.081
16QAM	1880	18900	1.4	1	0	21.65	20.04	0.101
16QAM	1880	18900	1.4	1	3	21.85	20.24	0.106
16QAM	1880	18900	1.4	1	5	21.59	19.98	0.100
16QAM	1880	18900	1.4	3	0	21.84	20.23	0.105
16QAM	1880	18900	1.4	3	1	21.91	20.30	0.107
16QAM	1880	18900	1.4	3	3	21.84	20.23	0.105
16QAM	1880	18900	1.4	6	0	20.87	19.26	0.084
16QAM	1909.3	19193	1.4	1	0	21.60	19.99	0.100
16QAM	1909.3	19193	1.4	1	3	21.80	20.19	0.104
16QAM	1909.3	19193	1.4	1	5	21.67	20.06	0.101
16QAM	1909.3	19193	1.4	3	0	21.49	19.88	0.097
16QAM	1909.3	19193	1.4	3	1	21.56	19.95	0.099
16QAM	1909.3	19193	1.4	3	3	21.44	19.83	0.096
16QAM	1909.3	19193	1.4	6	0	20.49	18.88	0.077
64QAM	1850.7	18607	1.4	1	0	22.80	21.19	0.132
64QAM	1850.7	18607	1.4	1	3	22.79	21.18	0.131
64QAM	1850.7	18607	1.4	1	5	22.68	21.07	0.128
64QAM	1850.7	18607	1.4	3	0	22.75	21.14	0.130
64QAM	1850.7	18607	1.4	3	1	22.72	21.11	0.129
64QAM	1850.7	18607	1.4	3	3	22.81	21.20	0.132
64QAM	1850.7	18607	1.4	6	0	21.58	19.97	0.099
64QAM	1880	18900	1.4	1	0	23.54	21.93	0.156
64QAM	1880	18900	1.4	1	3	23.48	21.87	0.154
64QAM	1880	18900	1.4	1	5	23.33	21.72	0.149
64QAM	1880	18900	1.4	3	0	22.83	21.22	0.132
64QAM	1880	18900	1.4	3	1	22.86	21.25	0.133
64QAM	1880	18900	1.4	3	3	22.91	21.30	0.135
64QAM	1880	18900	1.4	6	0	21.90	20.29	0.107
64QAM	1909.3	19193	1.4	1	0	22.48	20.87	0.122
64QAM	1909.3	19193	1.4	1	3	22.52	20.91	0.123
64QAM	1909.3	19193	1.4	1	5	22.48	20.87	0.122
64QAM	1909.3	19193	1.4	3	0	22.38	20.77	0.119
64QAM	1909.3	19193	1.4	3	1	22.67	21.06	0.128
64QAM	1909.3	19193	1.4	3	3	22.45	20.84	0.121

64QAM	1909.3	19193	1.4	6	0	21.11	19.50	0.089
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Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1851.5	18615	3	1	0	22.58	20.97	0.125
QPSK	1851.5	18615	3	1	8	22.52	20.91	0.123
QPSK	1851.5	18615	3	1	14	22.57	20.96	0.125
QPSK	1851.5	18615	3	8	0	21.70	20.09	0.102
QPSK	1851.5	18615	3	8	4	21.69	20.08	0.102
QPSK	1851.5	18615	3	8	7	21.62	20.01	0.100
QPSK	1851.5	18615	3	15	0	21.66	20.05	0.101
QPSK	1880	18900	3	1	0	22.76	21.15	0.130
QPSK	1880	18900	3	1	8	22.75	21.14	0.130
QPSK	1880	18900	3	1	14	22.70	21.09	0.129
QPSK	1880	18900	3	8	0	21.72	20.11	0.103
QPSK	1880	18900	3	8	4	21.76	20.15	0.104
QPSK	1880	18900	3	8	7	21.76	20.15	0.104
QPSK	1880	18900	3	15	0	21.76	20.15	0.104
QPSK	1908.5	19185	3	1	0	22.48	20.87	0.122
QPSK	1908.5	19185	3	1	8	22.53	20.92	0.124
QPSK	1908.5	19185	3	1	14	22.60	20.99	0.126
QPSK	1908.5	19185	3	8	0	21.57	19.96	0.099
QPSK	1908.5	19185	3	8	4	21.56	19.95	0.099
QPSK	1908.5	19185	3	8	7	21.57	19.96	0.099
QPSK	1908.5	19185	3	15	0	21.51	19.90	0.098

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1851.5	18615	3	1	0	22.12	20.51	0.112
16QAM	1851.5	18615	3	1	8	22.18	20.57	0.114
16QAM	1851.5	18615	3	1	14	22.19	20.58	0.114
16QAM	1851.5	18615	3	8	0	20.67	19.06	0.081
16QAM	1851.5	18615	3	8	4	20.74	19.13	0.082
16QAM	1851.5	18615	3	8	7	20.73	19.12	0.082
16QAM	1851.5	18615	3	15	0	20.66	19.05	0.080
16QAM	1880	18900	3	1	0	22.09	20.48	0.112
16QAM	1880	18900	3	1	8	21.96	20.35	0.108
16QAM	1880	18900	3	1	14	21.93	20.32	0.108
16QAM	1880	18900	3	8	0	20.72	19.11	0.081
16QAM	1880	18900	3	8	4	20.78	19.17	0.083
16QAM	1880	18900	3	8	7	20.73	19.12	0.082
16QAM	1880	18900	3	15	0	20.82	19.21	0.083
16QAM	1908.5	19185	3	1	0	21.69	20.08	0.102
16QAM	1908.5	19185	3	1	8	21.68	20.07	0.102
16QAM	1908.5	19185	3	1	14	21.69	20.08	0.102
16QAM	1908.5	19185	3	8	0	20.57	18.96	0.079
16QAM	1908.5	19185	3	8	4	20.53	18.92	0.078
16QAM	1908.5	19185	3	8	7	20.51	18.90	0.078
16QAM	1908.5	19185	3	15	0	20.53	18.92	0.078
64QAM	1851.5	18615	3	1	0	23.29	21.68	0.147
64QAM	1851.5	18615	3	1	8	22.91	21.30	0.135
64QAM	1851.5	18615	3	1	14	22.62	21.01	0.126
64QAM	1851.5	18615	3	8	0	21.81	20.20	0.105
64QAM	1851.5	18615	3	8	4	21.78	20.17	0.104
64QAM	1851.5	18615	3	8	7	21.96	20.35	0.108
64QAM	1851.5	18615	3	15	0	-999.00	-1000.61	0.000

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1852.5	18625	5	1	0	22.44	20.83	0.121
QPSK	1852.5	18625	5	1	12	22.71	21.10	0.129
QPSK	1852.5	18625	5	1	24	22.43	20.82	0.121
QPSK	1852.5	18625	5	12	0	21.61	20.00	0.100
QPSK	1852.5	18625	5	12	7	21.76	20.15	0.104
QPSK	1852.5	18625	5	12	13	21.62	20.01	0.100
QPSK	1852.5	18625	5	25	0	21.71	20.10	0.102
QPSK	1880	18900	5	1	0	22.67	21.06	0.128
QPSK	1880	18900	5	1	12	22.94	21.33	0.136
QPSK	1880	18900	5	1	24	22.63	21.02	0.126
QPSK	1880	18900	5	12	0	21.77	20.16	0.104
QPSK	1880	18900	5	12	7	21.81	20.20	0.105
QPSK	1880	18900	5	12	13	21.79	20.18	0.104
QPSK	1880	18900	5	25	0	21.77	20.16	0.104
QPSK	1907.5	19175	5	1	0	22.40	20.79	0.120
QPSK	1907.5	19175	5	1	12	22.69	21.08	0.128
QPSK	1907.5	19175	5	1	24	22.45	20.84	0.121
QPSK	1907.5	19175	5	12	0	21.55	19.94	0.099
QPSK	1907.5	19175	5	12	7	21.58	19.97	0.099
QPSK	1907.5	19175	5	12	13	21.53	19.92	0.098
QPSK	1907.5	19175	5	25	0	21.57	19.96	0.099

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1852.5	18625	5	1	0	21.70	20.09	0.102
16QAM	1852.5	18625	5	1	12	21.95	20.34	0.108
16QAM	1852.5	18625	5	1	24	21.65	20.04	0.101
16QAM	1852.5	18625	5	12	0	20.59	18.98	0.079
16QAM	1852.5	18625	5	12	7	20.74	19.13	0.082
16QAM	1852.5	18625	5	12	13	20.67	19.06	0.081
16QAM	1852.5	18625	5	25	0	20.70	19.09	0.081
16QAM	1880	18900	5	1	0	22.05	20.44	0.111
16QAM	1880	18900	5	1	12	22.34	20.73	0.118
16QAM	1880	18900	5	1	24	22.01	20.40	0.110
16QAM	1880	18900	5	12	0	20.73	19.12	0.082
16QAM	1880	18900	5	12	7	20.74	19.13	0.082
16QAM	1880	18900	5	12	13	20.66	19.05	0.080
16QAM	1880	18900	5	25	0	20.77	19.16	0.082
16QAM	1907.5	19175	5	1	0	21.64	20.03	0.101
16QAM	1907.5	19175	5	1	12	21.89	20.28	0.107
16QAM	1907.5	19175	5	1	24	21.73	20.12	0.103
16QAM	1907.5	19175	5	12	0	20.54	18.93	0.078
16QAM	1907.5	19175	5	12	7	20.50	18.89	0.077
16QAM	1907.5	19175	5	12	13	20.43	18.82	0.076
16QAM	1907.5	19175	5	25	0	20.51	18.90	0.078

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1855	18650	10	1	0	22.56	20.95	0.124
QPSK	1855	18650	10	1	25	22.73	21.12	0.129
QPSK	1855	18650	10	1	49	22.73	21.12	0.129
QPSK	1855	18650	10	25	0	21.70	20.09	0.102
QPSK	1855	18650	10	25	12	21.74	20.13	0.103
QPSK	1855	18650	10	25	25	21.78	20.17	0.104
QPSK	1855	18650	10	50	0	21.81	20.20	0.105
QPSK	1880	18900	10	1	0	22.79	21.18	0.131
QPSK	1880	18900	10	1	25	22.93	21.32	0.136
QPSK	1880	18900	10	1	49	22.70	21.09	0.129
QPSK	1880	18900	10	25	0	21.84	20.23	0.105
QPSK	1880	18900	10	25	12	21.85	20.24	0.106
QPSK	1880	18900	10	25	25	21.80	20.19	0.104
QPSK	1880	18900	10	50	0	21.81	20.20	0.105
QPSK	1905	19150	10	1	0	22.60	20.99	0.126
QPSK	1905	19150	10	1	25	22.74	21.13	0.130
QPSK	1905	19150	10	1	49	22.56	20.95	0.124
QPSK	1905	19150	10	25	0	21.70	20.09	0.102
QPSK	1905	19150	10	25	12	21.67	20.06	0.101
QPSK	1905	19150	10	25	25	21.58	19.97	0.099
QPSK	1905	19150	10	50	0	21.67	20.06	0.101

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1855	18650	10	1	0	22.29	20.68	0.117
16QAM	1855	18650	10	1	25	22.43	20.82	0.121
16QAM	1855	18650	10	1	49	22.39	20.78	0.120
16QAM	1855	18650	10	25	0	20.77	19.16	0.082
16QAM	1855	18650	10	25	12	20.79	19.18	0.083
16QAM	1855	18650	10	25	25	20.84	19.23	0.084
16QAM	1855	18650	10	50	0	20.83	19.22	0.084
16QAM	1905	19150	10	1	0	21.73	20.12	0.103
16QAM	1905	19150	10	1	25	21.84	20.23	0.105
16QAM	1905	19150	10	1	49	21.71	20.10	0.102
16QAM	1905	19150	10	25	0	20.69	19.08	0.081
16QAM	1905	19150	10	25	12	20.68	19.07	0.081
16QAM	1905	19150	10	25	25	20.65	19.04	0.080
16QAM	1880	18900	10	1	0	21.99	20.38	0.109
16QAM	1880	18900	10	1	25	22.11	20.50	0.112
16QAM	1880	18900	10	1	49	21.92	20.31	0.107
16QAM	1880	18900	10	25	0	20.83	19.22	0.084
16QAM	1880	18900	10	25	12	20.91	19.30	0.085
16QAM	1880	18900	10	25	25	20.87	19.26	0.084
16QAM	1880	18900	10	50	0	20.78	19.17	0.083
16QAM	1905	19150	10	50	0	20.66	19.05	0.080

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1857.5	18675	15	1	0	22.50	20.89	0.123
QPSK	1857.5	18675	15	1	37	22.89	21.28	0.134
QPSK	1857.5	18675	15	1	74	22.72	21.11	0.129
QPSK	1857.5	18675	15	36	0	21.72	20.11	0.103
QPSK	1857.5	18675	15	36	29	21.84	20.23	0.105
QPSK	1880	18900	15	1	0	22.75	21.14	0.130
QPSK	1880	18900	15	1	37	22.97	21.36	0.137
QPSK	1880	18900	15	1	74	22.55	20.94	0.124
QPSK	1880	18900	15	36	0	21.80	20.19	0.104
QPSK	1902.5	19125	15	1	0	22.53	20.92	0.124
QPSK	1902.5	19125	15	1	37	22.76	21.15	0.130
QPSK	1902.5	19125	15	1	74	22.45	20.84	0.121
QPSK	1902.5	19125	15	36	0	21.73	20.12	0.103
QPSK	1857.5	18675	15	36	30	21.86	20.25	0.106
QPSK	1857.5	18675	15	75	0	21.74	20.13	0.103
QPSK	1880	18900	15	36	29	21.85	20.24	0.106
QPSK	1880	18900	15	36	30	21.88	20.27	0.106
QPSK	1880	18900	15	75	0	21.82	20.21	0.105
QPSK	1902.5	19125	15	36	29	21.64	20.03	0.101
QPSK	1902.5	19125	15	36	30	21.68	20.07	0.102
QPSK	1902.5	19125	15	75	0	21.65	20.04	0.101

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1857.5	18675	15	1	0	22.16	20.55	0.114
16QAM	1857.5	18675	15	1	37	22.43	20.82	0.121
16QAM	1857.5	18675	15	1	74	22.34	20.73	0.118
16QAM	1857.5	18675	15	36	0	20.78	19.17	0.083
16QAM	1857.5	18675	15	36	29	20.86	19.25	0.084
16QAM	1857.5	18675	15	36	30	20.86	19.25	0.084
16QAM	1857.5	18675	15	75	0	20.86	19.25	0.084
16QAM	1880	18900	15	1	0	21.90	20.29	0.107
16QAM	1880	18900	15	1	37	22.23	20.62	0.115
16QAM	1880	18900	15	1	74	21.79	20.18	0.104
16QAM	1880	18900	15	36	0	20.87	19.26	0.084
16QAM	1880	18900	15	36	29	20.90	19.29	0.085
16QAM	1880	18900	15	36	30	20.91	19.30	0.085
16QAM	1880	18900	15	75	0	20.90	19.29	0.085
16QAM	1902.5	19125	15	1	0	21.92	20.31	0.107
16QAM	1902.5	19125	15	1	37	22.11	20.50	0.112
16QAM	1902.5	19125	15	1	74	21.80	20.19	0.104
16QAM	1902.5	19125	15	36	0	20.66	19.05	0.080
16QAM	1902.5	19125	15	36	29	20.61	19.00	0.079
16QAM	1902.5	19125	15	36	30	20.65	19.04	0.080
16QAM	1902.5	19125	15	75	0	20.66	19.05	0.080

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1860	18700	20	1	0	22.44	20.83	0.121
QPSK	1860	18700	20	1	49	22.83	21.22	0.132
QPSK	1860	18700	20	1	99	22.62	21.01	0.126
QPSK	1860	18700	20	50	0	21.82	20.21	0.105
QPSK	1880	18900	20	1	0	22.61	21.00	0.126
QPSK	1880	18900	20	1	49	22.94	21.33	0.136
QPSK	1880	18900	20	1	99	22.55	20.94	0.124
QPSK	1880	18900	20	50	0	21.83	20.22	0.105
QPSK	1860	18700	20	50	24	21.84	20.23	0.105
QPSK	1860	18700	20	50	50	22.03	20.42	0.110
QPSK	1860	18700	20	100	0	21.93	20.32	0.108
QPSK	1880	18900	20	50	24	21.85	20.24	0.106
QPSK	1880	18900	20	50	50	21.77	20.16	0.104
QPSK	1880	18900	20	100	0	21.93	20.32	0.108
QPSK	1900	19100	20	1	0	22.45	20.84	0.121
QPSK	1900	19100	20	1	49	22.65	21.04	0.127
QPSK	1900	19100	20	1	99	22.37	20.76	0.119
QPSK	1900	19100	20	50	0	21.81	20.20	0.105
QPSK	1900	19100	20	50	24	21.71	20.10	0.102
QPSK	1900	19100	20	50	50	21.61	20.00	0.100
QPSK	1900	19100	20	100	0	21.67	20.06	0.101

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1860	18700	20	1	0	21.92	20.31	0.107
16QAM	1860	18700	20	1	49	22.22	20.61	0.115
16QAM	1860	18700	20	1	99	21.97	20.36	0.109
16QAM	1860	18700	20	50	0	20.82	19.21	0.083
16QAM	1860	18700	20	50	24	20.94	19.33	0.086
16QAM	1860	18700	20	50	50	21.05	19.44	0.088
16QAM	1860	18700	20	100	0	20.98	19.37	0.086
16QAM	1880	18900	20	1	0	21.92	20.31	0.107
16QAM	1880	18900	20	1	49	22.33	20.72	0.118
16QAM	1880	18900	20	1	99	21.82	20.21	0.105
16QAM	1880	18900	20	50	0	20.92	19.31	0.085
16QAM	1880	18900	20	50	24	20.86	19.25	0.084
16QAM	1880	18900	20	50	50	20.84	19.23	0.084
16QAM	1880	18900	20	100	0	20.86	19.25	0.084
16QAM	1900	19100	20	1	0	21.90	20.29	0.107
16QAM	1900	19100	20	1	49	22.04	20.43	0.110
16QAM	1900	19100	20	1	99	21.67	20.06	0.101
16QAM	1900	19100	20	50	0	20.82	19.21	0.083
16QAM	1900	19100	20	50	24	20.78	19.17	0.083
16QAM	1900	19100	20	50	50	20.53	18.92	0.078
16QAM	1900	19100	20	100	0	20.72	19.11	0.081

The original report test date

LTE Band 2

1 RF Power Output

PRF Power Output						
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1850.7	18607	1.4	1	0	20.88
				1	5	20.86
				3	2	20.04
				6	0	20.02
	1880	18900		1	0	21.06
				1	5	20.92
				3	2	20.07
				6	0	19.93
	1909.3	19193		1	0	21.05
				1	5	20.98
				3	2	20.23
				6	0	20.16
16QAM	1850.7	18607	1.4	1	0	19.93
				1	5	19.83
				3	2	19.02
				6	0	18.98
	1880	18900		1	0	20.09
				1	5	20.13
				3	2	19.20
				6	0	19.13
	1909.3	19193		1	0	20.12
				1	5	20.10
				3	2	19.23
				6	0	19.19

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1851.5	18615	3	1	0	20.92
				1	14	20.90
				8	4	20.05
				15	0	20.01
	1880	18900		1	0	21.02
				1	14	20.90
				8	4	20.05
				15	0	19.98
	1908.5	19185		1	0	21.04
				1	14	20.99
				8	4	20.16
				15	0	20.19
16QAM	1851.5	18615	3	1	0	19.89
				1	14	19.91
				8	4	19.08
				15	0	19.08
	1880	18900		1	0	20.15
				1	14	20.07
				8	4	19.11
				15	0	19.09
	1908.5	19185		1	0	20.09
				1	14	20.03
				8	4	19.28
				15	0	19.22

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1852.5	18625	5	1	0	20.90
				1	24	20.90
				12	6	20.10
				25	0	20.11
	1880	18900		1	0	21.08
				1	24	21.01
				12	6	20.15
				25	0	20.03
	1907.5	19175		1	0	21.07
				1	24	21.02
				12	6	20.29
				25	0	20.27
16QAM	1852.5	18625	5	1	0	19.96
				1	24	19.87
				12	6	19.15
				25	0	19.10
	1880	18900		1	0	20.22
				1	24	20.16
				12	6	19.19
				25	0	19.15
	1907.5	19175		1	0	20.22
				1	24	20.18
				12	6	19.29
				25	0	19.25

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1855	18650	10	1	0	21.05
				1	49	21.07
				24	12	20.25
				50	0	20.15
	1880	18900		1	0	21.14
				1	49	21.05
				24	12	20.16
				50	0	20.10
	1905	19150		1	0	21.18
				1	49	21.14
				24	12	20.32
				50	0	20.25
16QAM	1855	18650	10	1	0	20.09
				1	49	20.05
				24	12	19.17
				50	0	19.16
	1880	18900		1	0	20.26
				1	49	20.19
				24	12	19.32
				50	0	19.24
	1905	19150		1	0	20.20
				1	49	20.21
				24	12	19.37
				50	0	19.34

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1857.5	18675	15	1	0	21.02
				1	74	21.05
				40	18	20.18
				75	0	20.11
	1880	18900		1	0	21.21
				1	74	21.06
				40	18	20.18
				75	0	20.17
	1902.5	19125		1	0	21.22
				1	74	21.13
				40	18	20.33
				75	0	20.31
16QAM	1857.5	18675	15	1	0	20.14
				1	74	20.01
				40	18	19.14
				75	0	19.15
	1880	18900		1	0	20.27
				1	74	20.21
				40	18	19.37
				75	0	19.25
	1902.5	19125		1	0	20.27
				1	74	20.20
				40	18	19.42
				75	0	19.36

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1860	18700	20	1	0	21.17
				1	99	21.15
				50	25	20.33
				100	0	20.25
	1880	18900		1	0	21.28
				1	99	21.16
				50	25	20.29
				100	0	20.22
	1900	19100		1	0	21.33
				1	99	21.28
				50	25	20.47
				100	0	20.41
16QAM	1860	18700	20	1	0	20.19
				1	99	20.14
				50	25	19.29
				100	0	19.28
	1880	18900		1	0	20.38
				1	99	20.35
				50	25	19.42
				100	0	19.38
	1900	19100		1	0	20.36
				1	99	20.34
				50	25	19.48
				100	0	19.46

2 Occupied Bandwidth

Test result

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
2	1850.7	18607	1.4	6	0	1.0785	Fig.1	1.0783	Fig.2
	1880.0	18900		6	0	1.0782	Fig.3	1.0794	Fig.4
	1909.3	19193		6	0	1.0807	Fig.5	1.0822	Fig.6
	1851.5	18615	3	15	0	2.6988	Fig.7	2.7001	Fig.8
	1880.0	18900		15	0	2.7019	Fig.9	2.7013	Fig.10
	1908.5	19185		15	0	2.7054	Fig.11	2.7013	Fig.12
	1852.5	18625	5	25	0	4.4739	Fig.13	4.4709	Fig.14
	1880.0	18900		25	0	4.4688	Fig.15	4.4746	Fig.16
	1907.5	19175		25	0	4.4750	Fig.17	4.4719	Fig.18
	1855	18650	10	50	0	8.9121	Fig.19	8.9158	Fig.20
	1880	18900		50	0	8.9159	Fig.21	8.9213	Fig.22
	1905	19150		50	0	8.9133	Fig.23	8.9277	Fig.24
	1857.5	18675	15	75	0	13.393	Fig.25	13.402	Fig.26
	1880.0	18900		75	0	13.411	Fig.27	13.349	Fig.28
	1902.5	19125		75	0	13.405	Fig.29	13.385	Fig.30
	1860	18700	20	100	0	17.792	Fig.31	17.804	Fig.32
	1880	18900		100	0	17.833	Fig.33	17.822	Fig.34
	1900	19100		100	0	17.798	Fig.35	17.826	Fig.36

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
2	1850.7	18607	1.4	6	0	1.296	Fig.1	1.285	Fig.2
	1880.0	18900		6	0	1.293	Fig.3	1.294	Fig.4
	1909.3	19193		6	0	1.373	Fig.5	1.369	Fig.6
	1851.5	18615	3	15	0	2.979	Fig.7	3.009	Fig.8
	1880.0	18900		15	0	2.992	Fig.9	3.008	Fig.10
	1908.5	19185		15	0	3.001	Fig.11	2.986	Fig.12
	1852.5	18625	5	25	0	4.996	Fig.13	4.964	Fig.14
	1880.0	18900		25	0	4.975	Fig.15	4.931	Fig.16
	1907.5	19175		25	0	4.947	Fig.17	4.897	Fig.18
	1855	18650	10	50	0	9.688	Fig.19	9.719	Fig.20
	1880	18900		50	0	9.806	Fig.21	9.598	Fig.22
	1905	19150		50	0	9.699	Fig.23	9.725	Fig.24
	1857.5	18675	15	75	0	14.41	Fig.25	14.40	Fig.26
	1880.0	18900		75	0	14.42	Fig.27	14.32	Fig.28
	1902.5	19125		75	0	14.43	Fig.29	14.32	Fig.30
	1860	18700	20	100	0	19.09	Fig.31	19.10	Fig.32
	1880	18900		100	0	19.23	Fig.33	18.93	Fig.34
	1900	19100		100	0	18.98	Fig.35	19.05	Fig.36

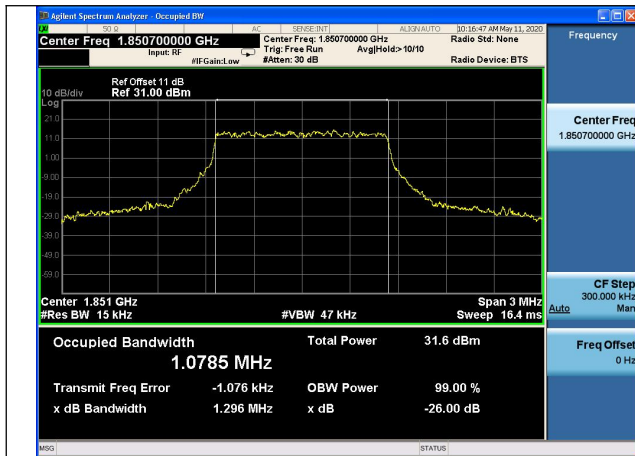


Fig.1



Fig.2

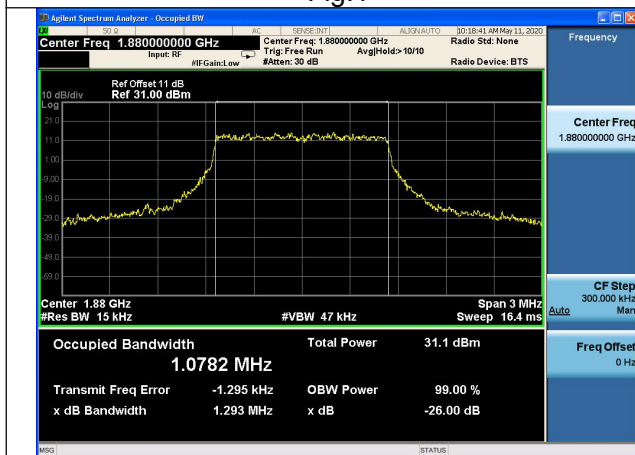


Fig.3



Fig.4

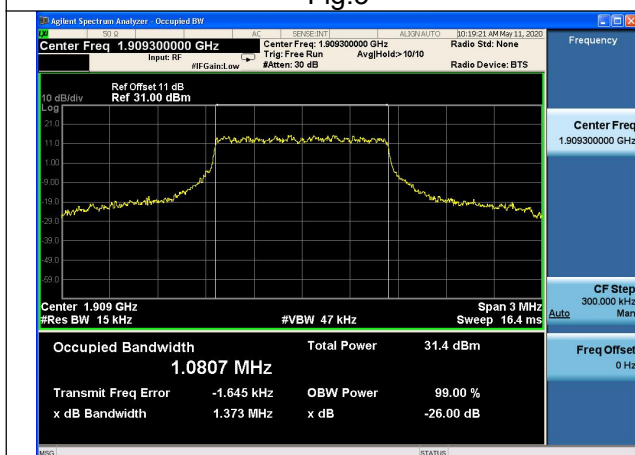


Fig.5



Fig.6

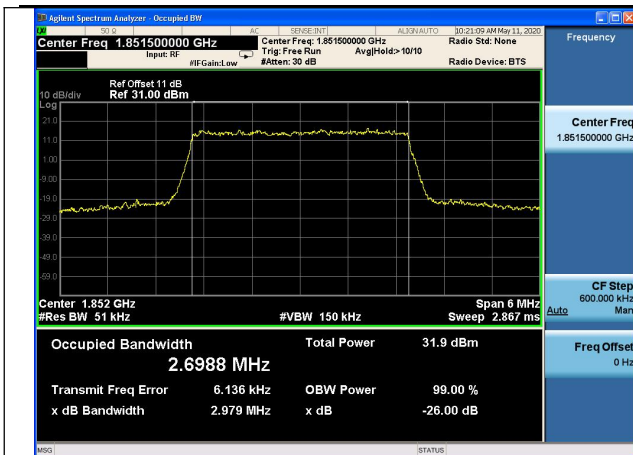


Fig.7

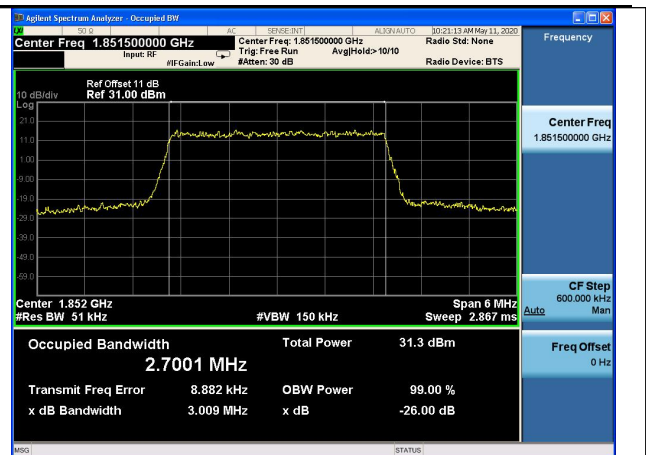


Fig.8

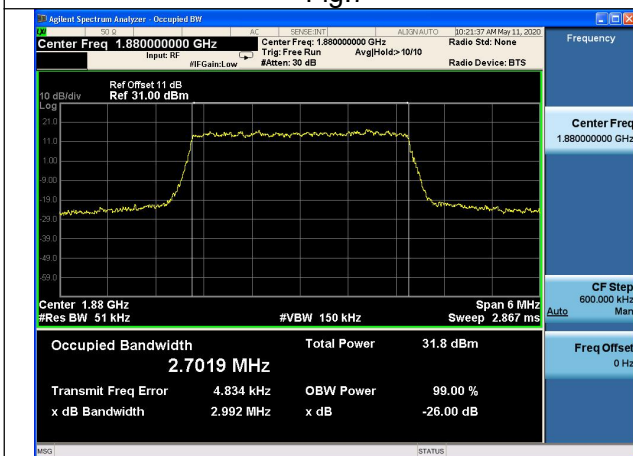


Fig.9

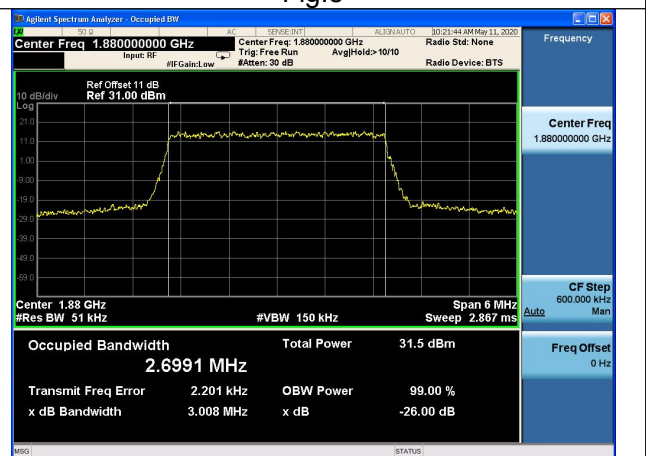


Fig.10

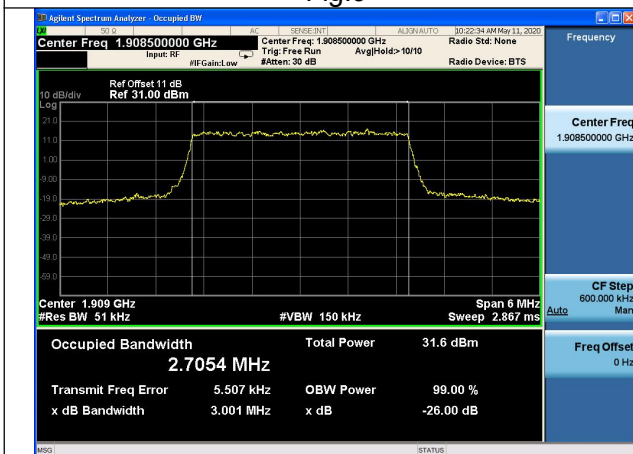


Fig.11

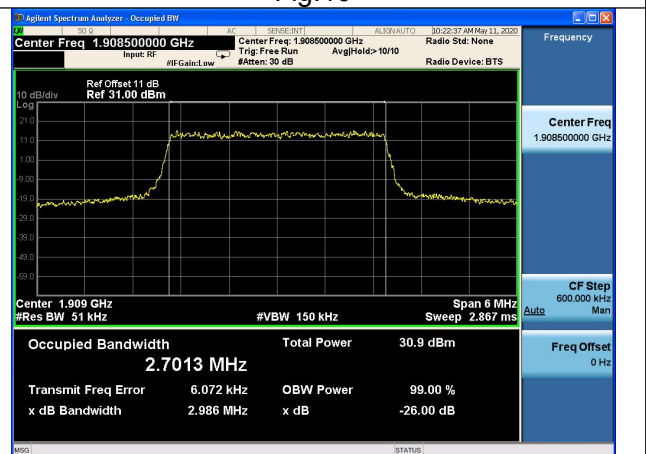


Fig.12

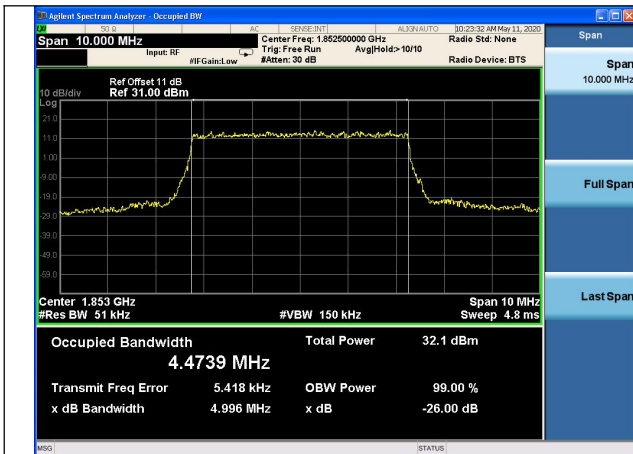


Fig.13

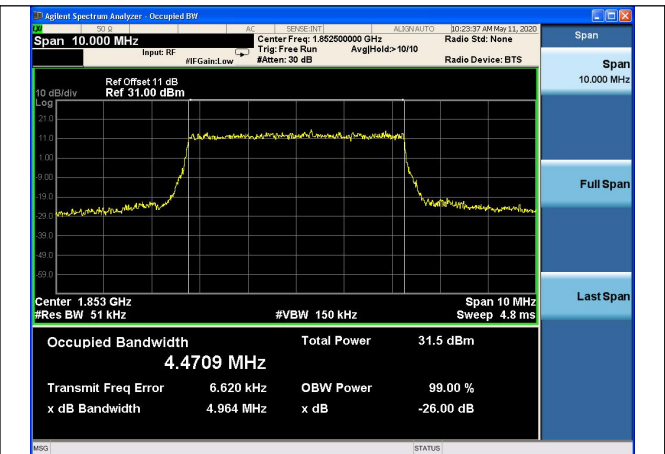


Fig.14

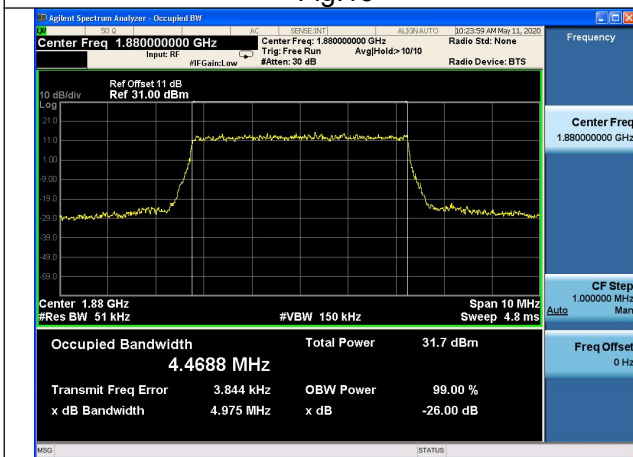


Fig.15

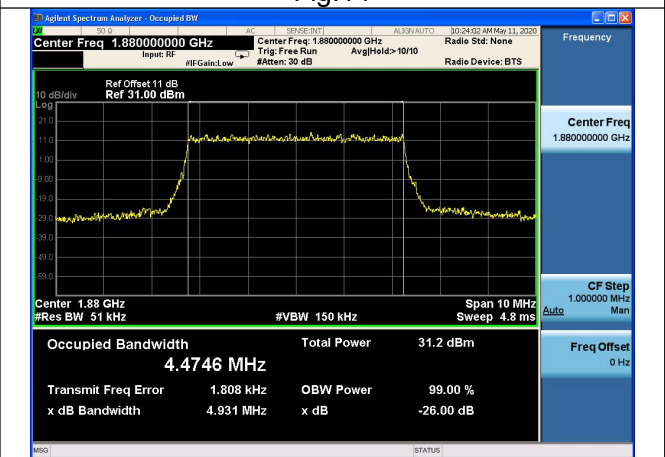


Fig.16

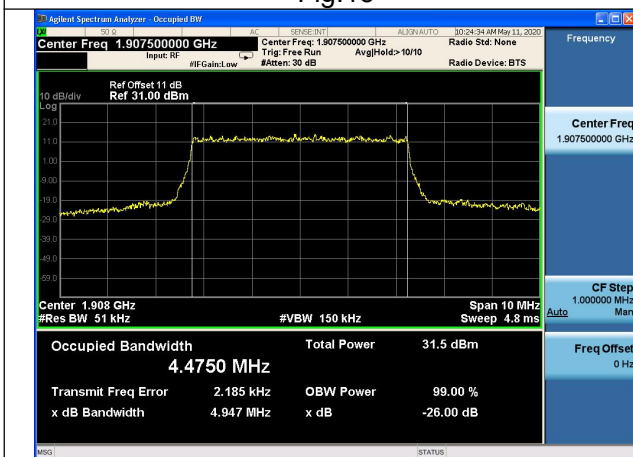


Fig.17

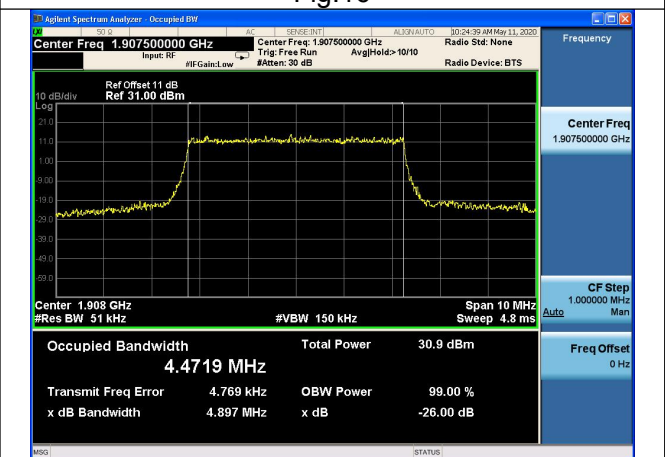


Fig.18

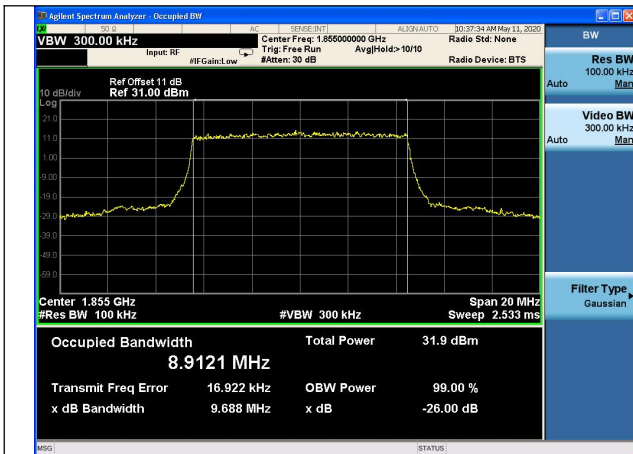


Fig.19

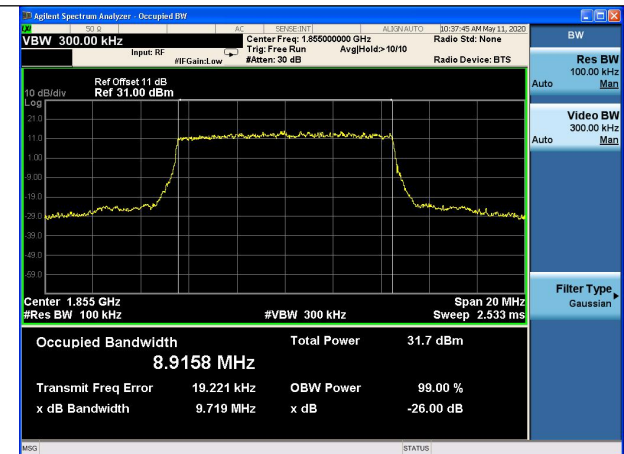


Fig.20

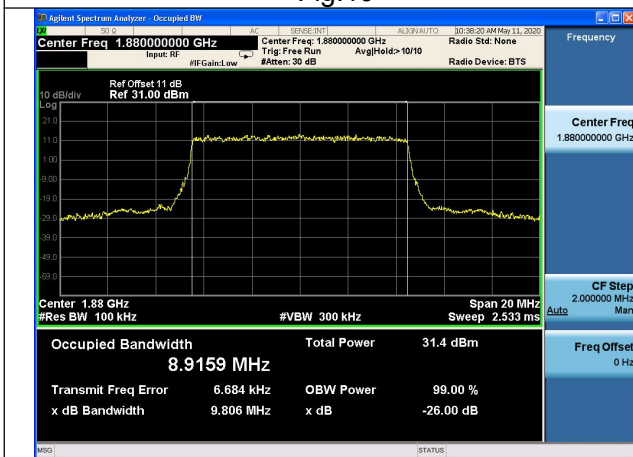


Fig.21

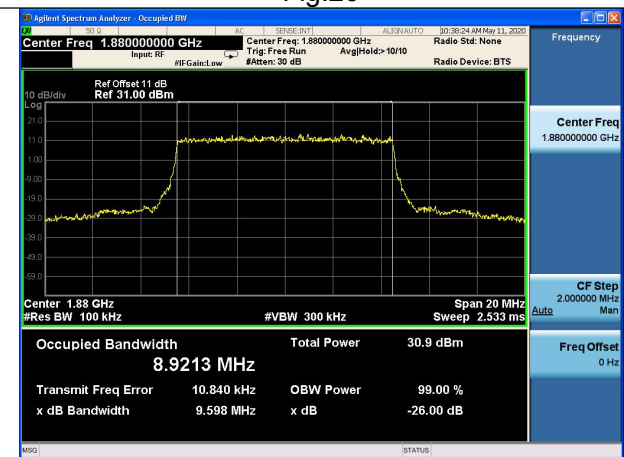


Fig.22

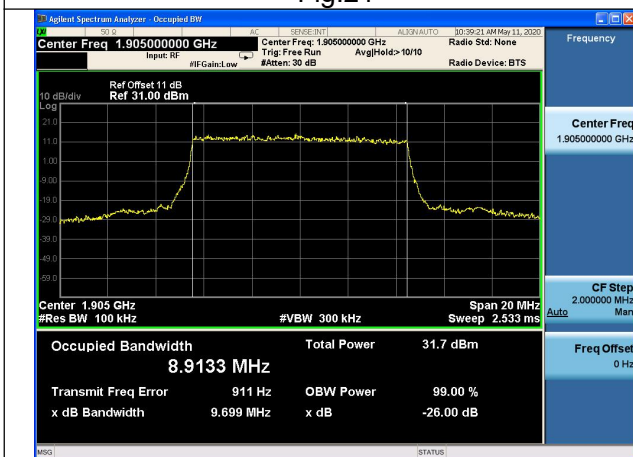


Fig.23

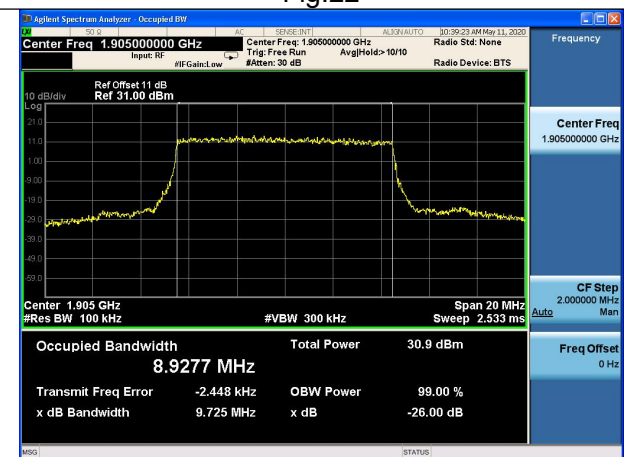


Fig.24

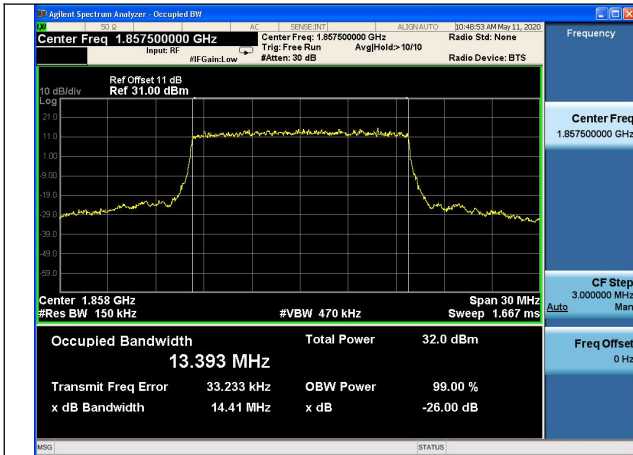


Fig.25

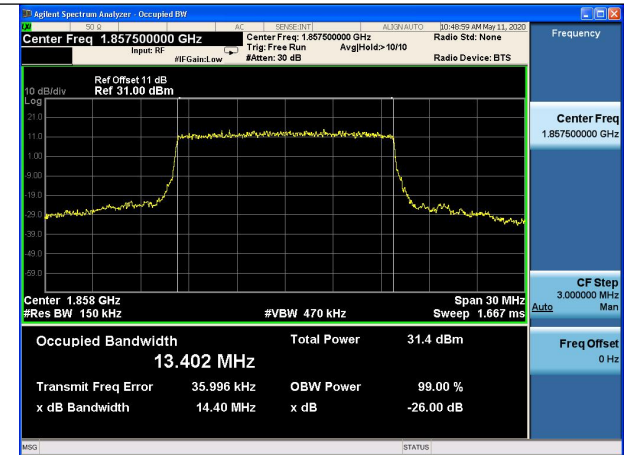


Fig.26

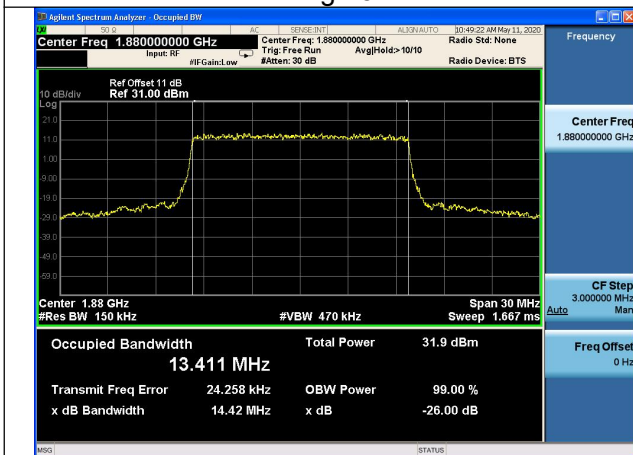


Fig.27

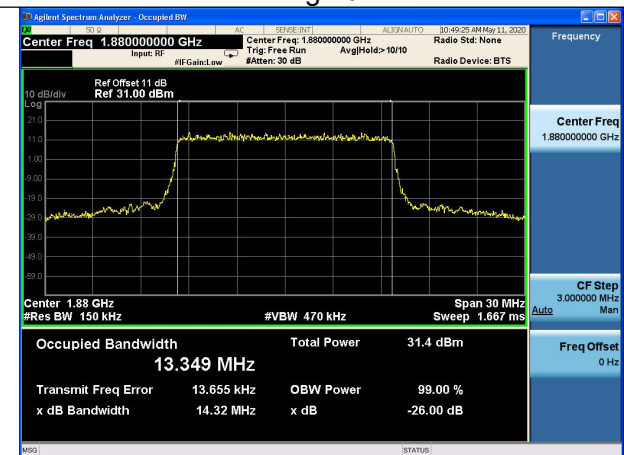


Fig.28

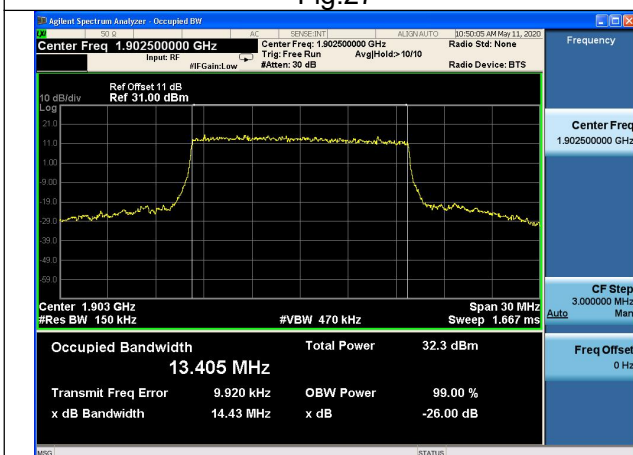


Fig.29

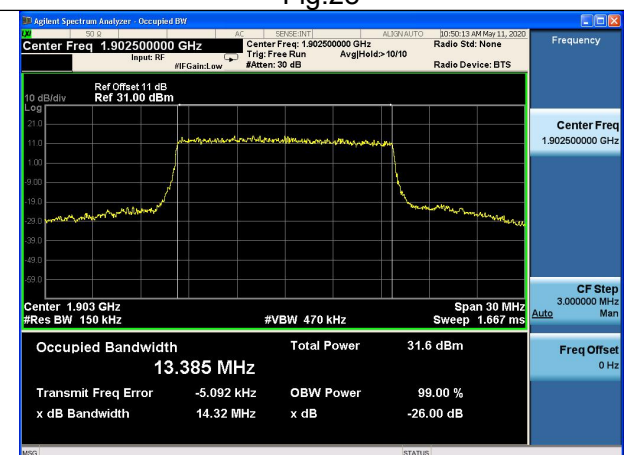


Fig.30