

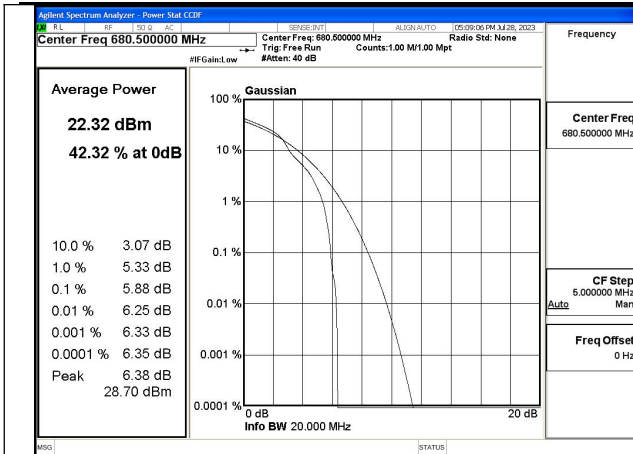


Fig.61

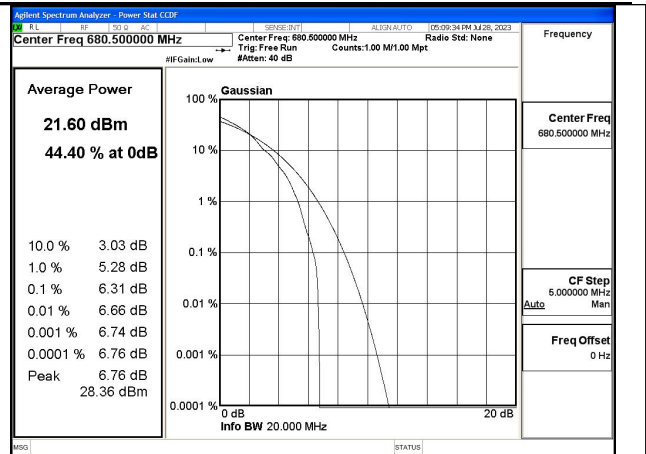


Fig.62

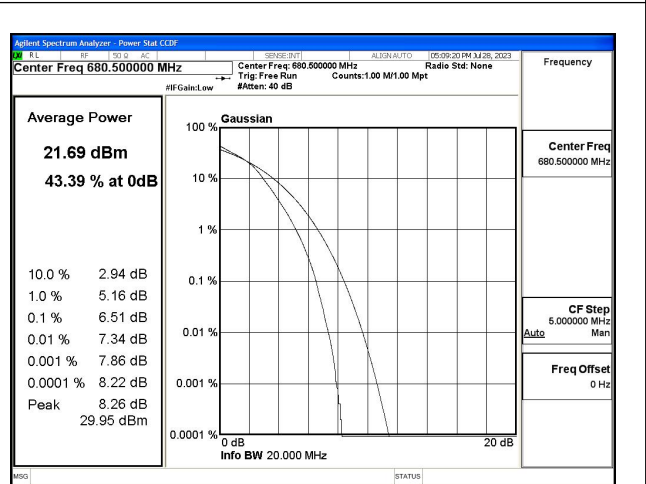
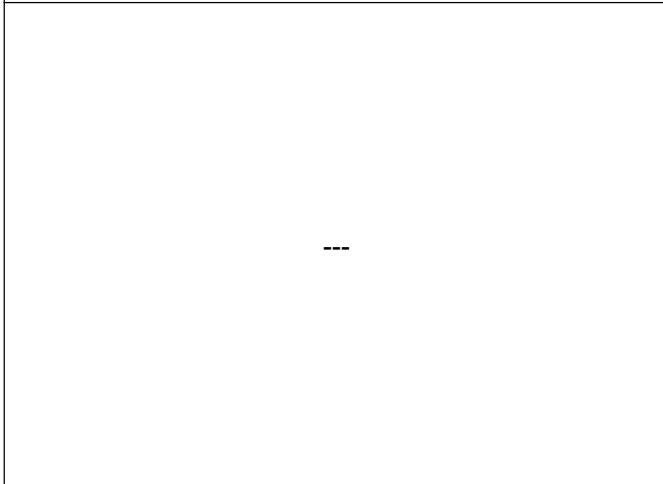


Fig.64

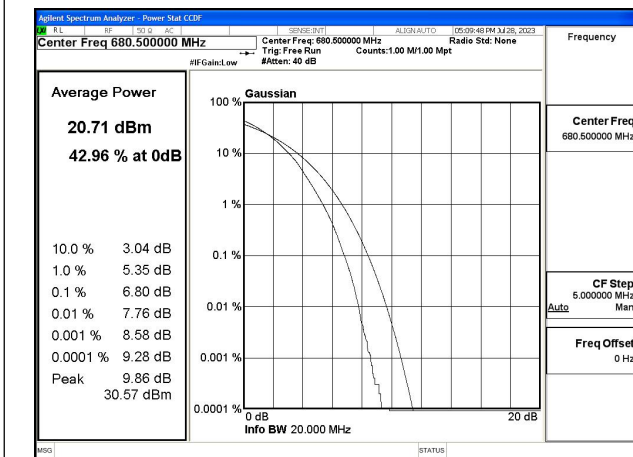
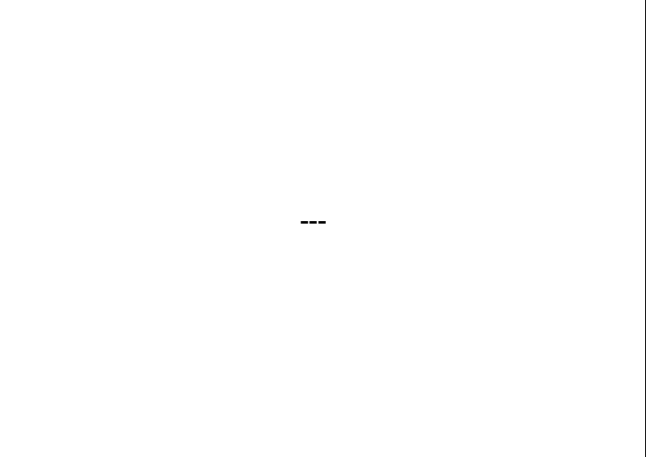


Fig.65



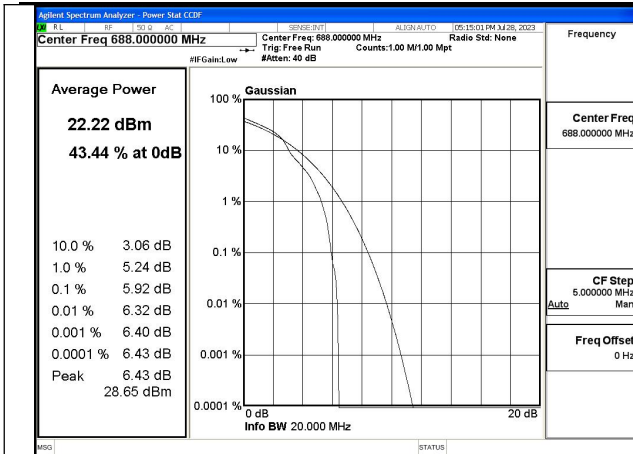


Fig.67

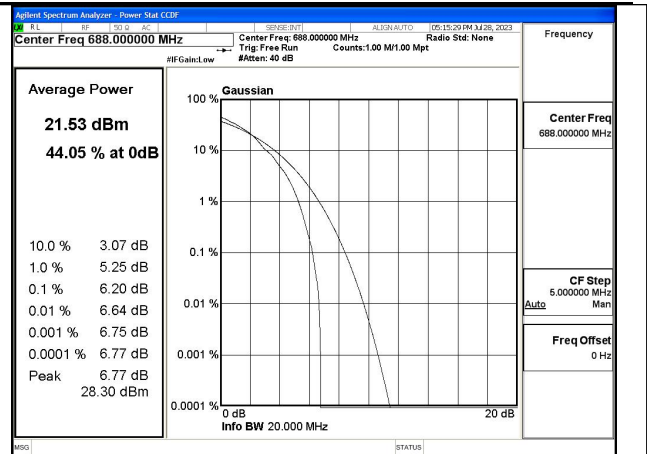


Fig.68

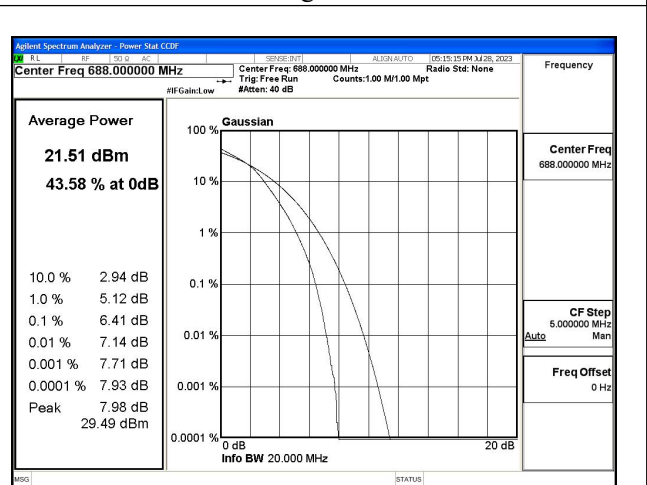
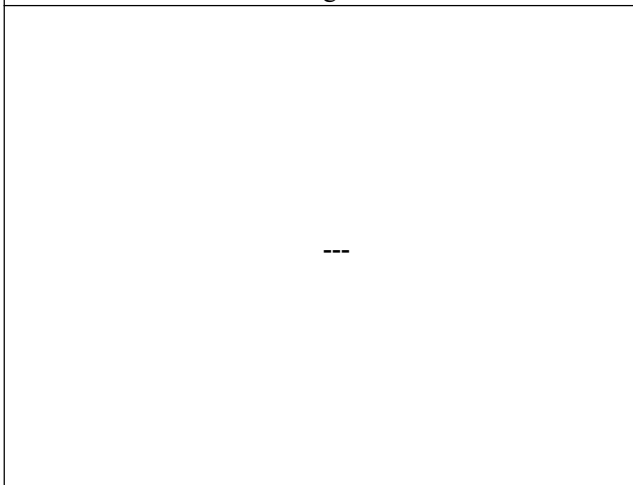


Fig.70

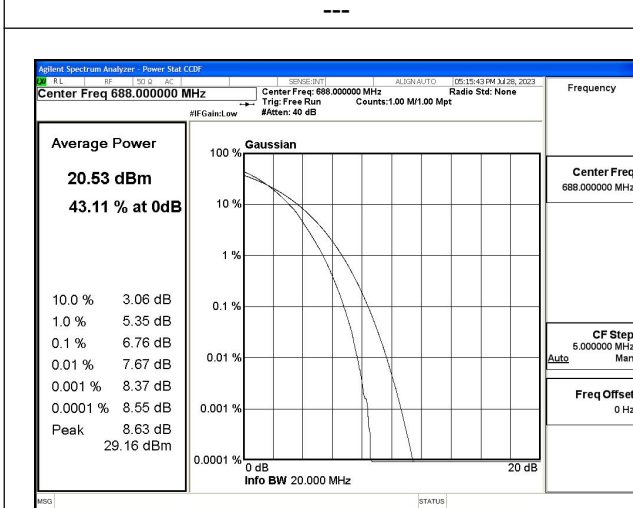


Fig.71

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
71	673	133222	20	1	0	Fig.1
71	680.5	133297	20	1	0	Fig.2
71	688	133372	20	1	0	Fig.3

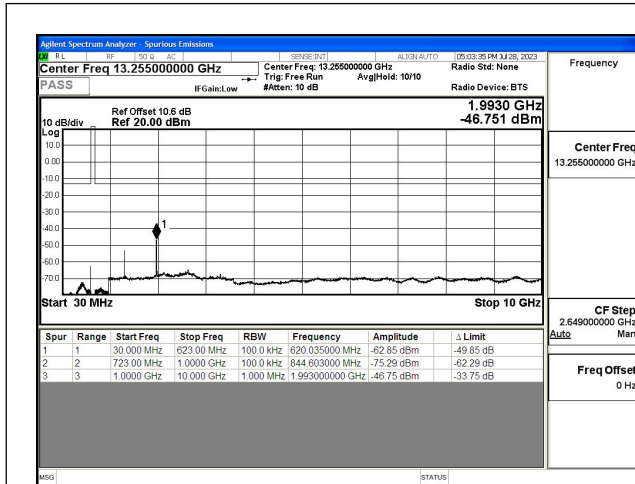


Fig.1

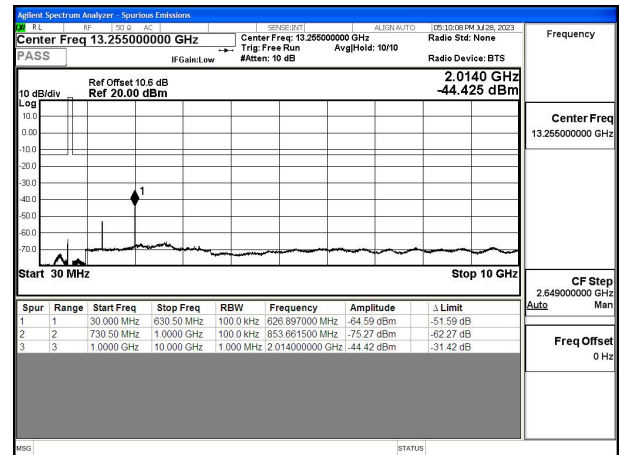


Fig.2

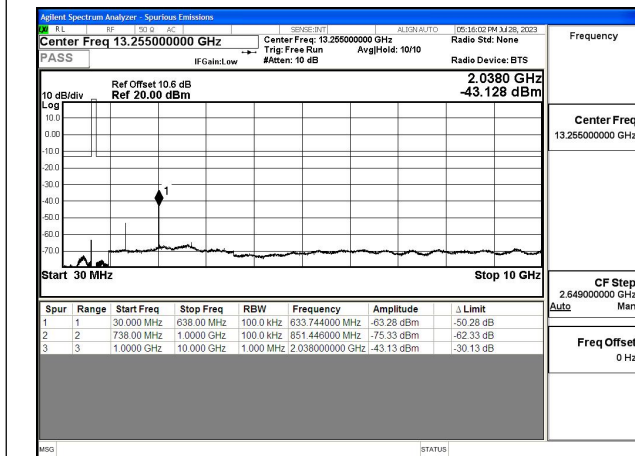
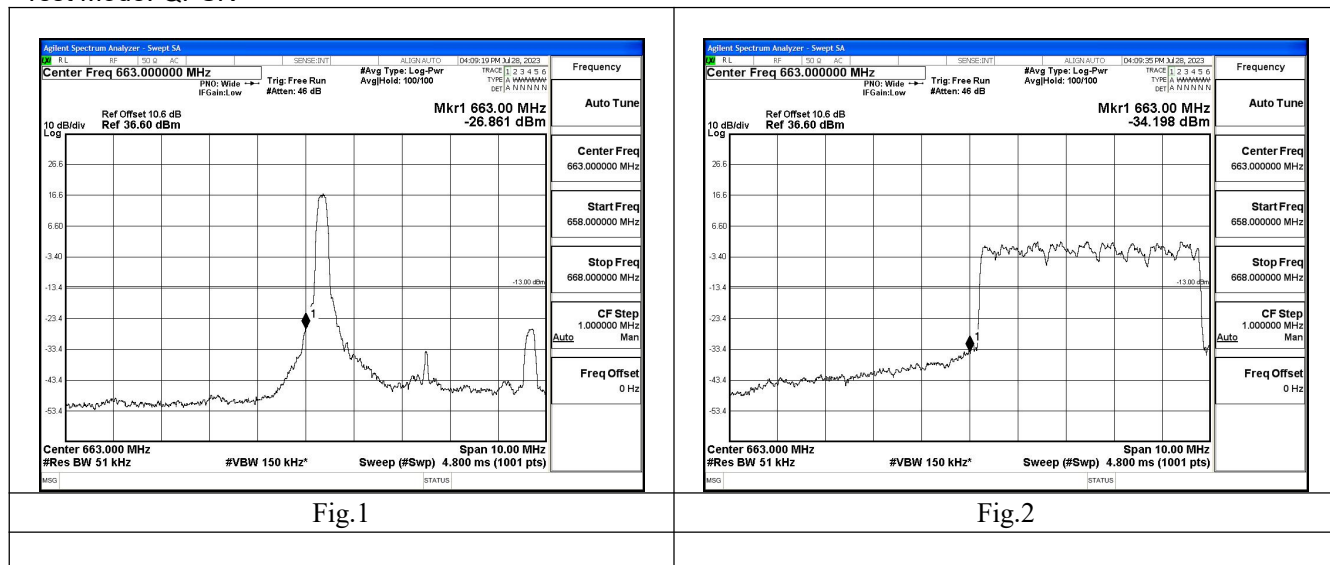


Fig.3

6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
71	QPSK	665.5	133147	5	1	0	Fig.1
71	QPSK	665.5	133147	5	25	0	Fig.2
71	QPSK	695.5	133447	5	1	24	Fig.3
71	QPSK	695.5	133447	5	25	0	Fig.4
71	QPSK	668	133172	10	1	0	Fig.5
71	QPSK	668	133172	10	50	0	Fig.6
71	QPSK	693	133422	10	1	49	Fig.7
71	QPSK	693	133422	10	50	0	Fig.8
71	QPSK	670.5	133197	15	1	0	Fig.9
71	QPSK	670.5	133197	15	75	0	Fig.10
71	QPSK	690.5	133397	15	1	74	Fig.11
71	QPSK	690.5	133397	15	75	0	Fig.12
71	QPSK	673	133222	20	1	0	Fig.13
71	QPSK	673	133222	20	100	0	Fig.14
71	QPSK	688	133372	20	1	99	Fig.15
71	QPSK	688	133372	20	100	0	Fig.16

Test Mode: QPSK



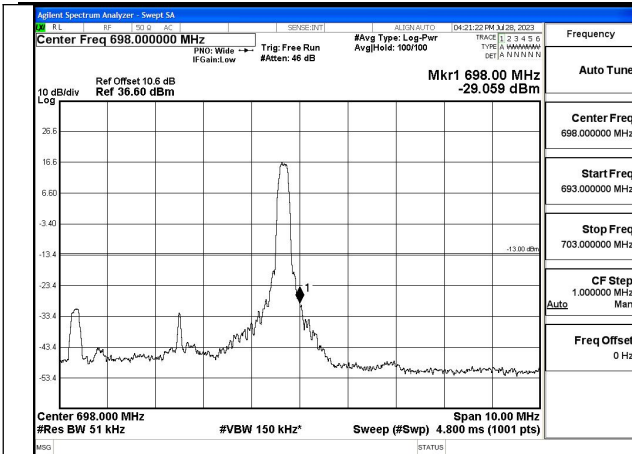


Fig.3

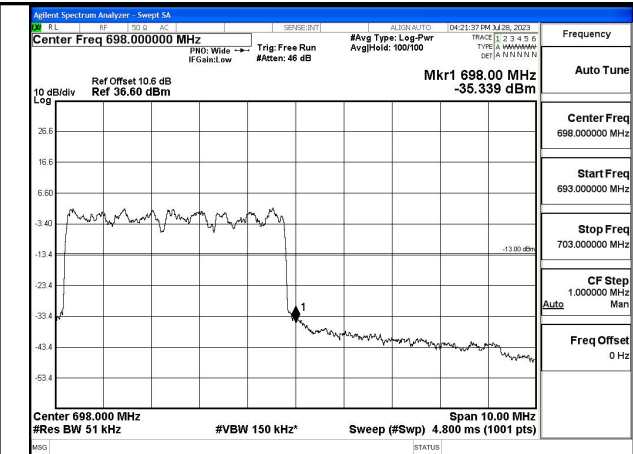


Fig.4

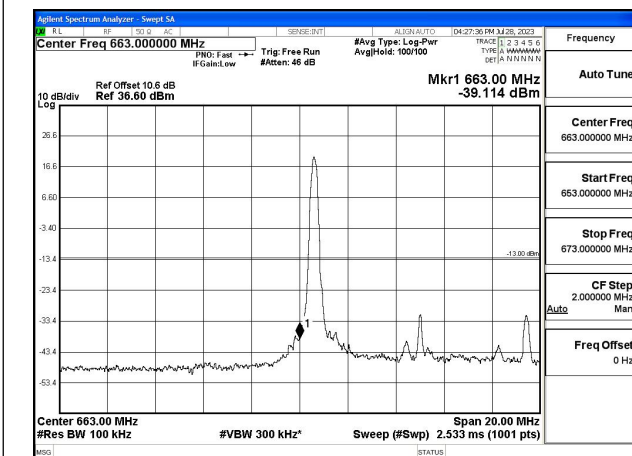


Fig.5

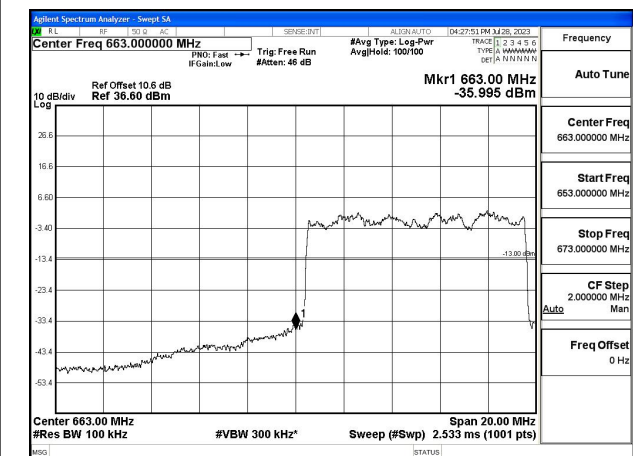


Fig.6

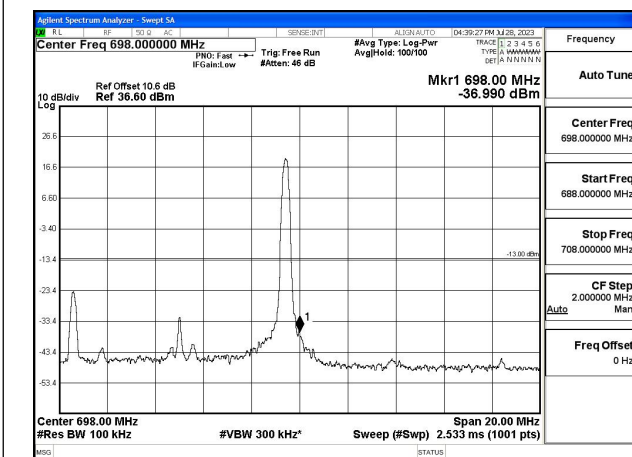


Fig.7

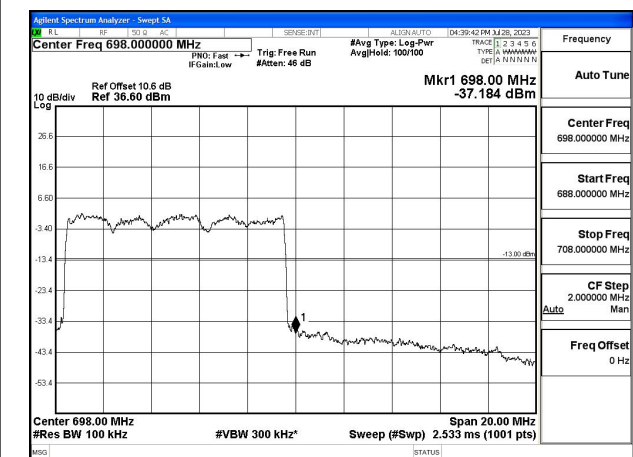


Fig.8

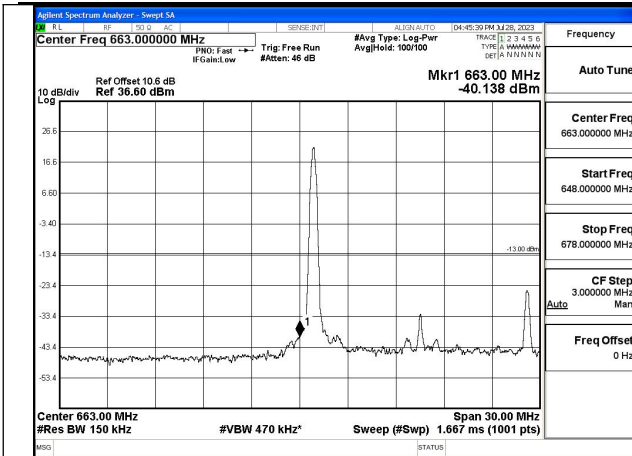


Fig.9

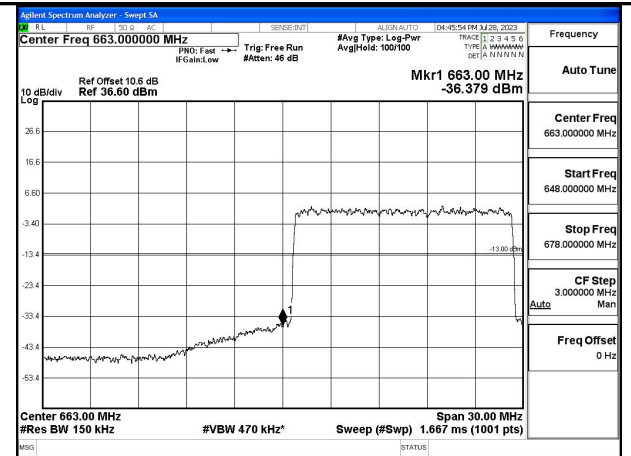


Fig.10

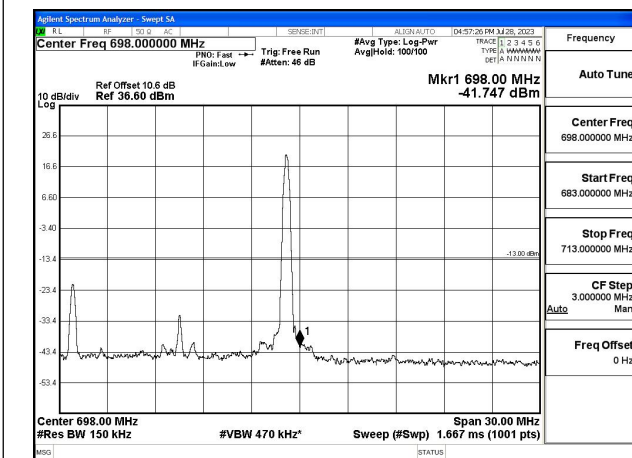


Fig.11

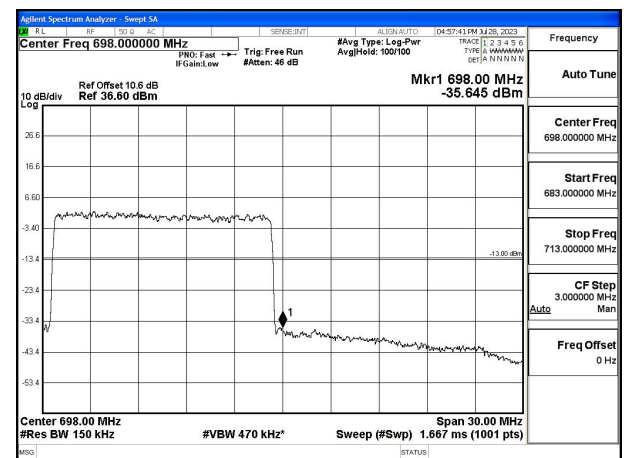


Fig.12

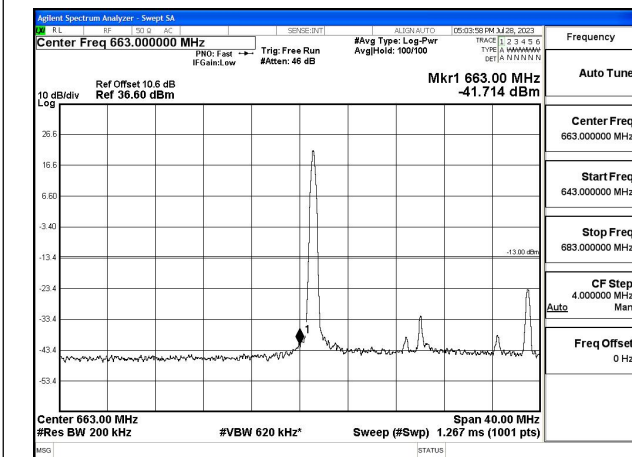


Fig.13

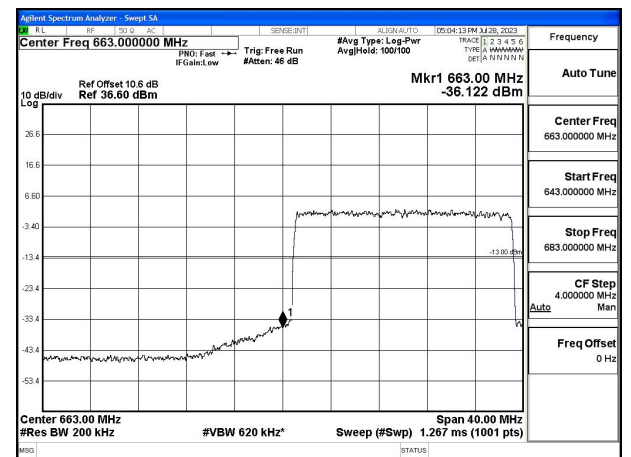
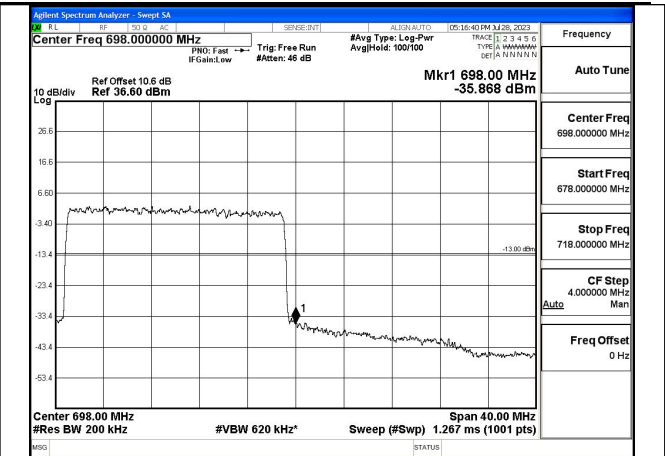
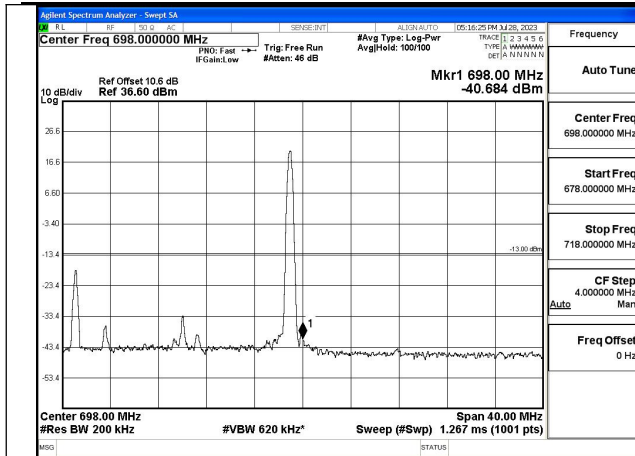


Fig.14



7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 71 Low Channel QPSK			
		5M	10M	15M	20M
-10	NV	-0.020	-0.008	-0.015	-0.013
0	NV	-0.029	-0.015	-0.018	-0.013
+10	NV	-0.020	-0.015	-0.016	-0.015
+20	NV	-0.019	-0.011	-0.018	-0.014
+30	NV	-0.023	-0.010	-0.013	-0.011
+40	NV	-0.016	-0.012	-0.012	-0.015
+50	NV	-0.024	-0.014	-0.018	-0.011
+55	NV	-0.027	-0.012	-0.017	-0.013
+20	LV	-0.025	-0.015	-0.017	-0.011
+20	HV	-0.020	-0.015	-0.021	-0.013

Temperature(°C)	Voltage	Test Result (ppm) Band 71 High Channel QPSK			
		5M	10M	15M	20M
-10	NV	-0.014	-0.014	-0.015	-0.008
0	NV	-0.019	-0.011	-0.019	-0.015
+10	NV	-0.016	-0.015	-0.015	-0.008
+20	NV	-0.017	-0.015	-0.012	-0.012
+30	NV	-0.017	-0.013	-0.012	-0.013
+40	NV	-0.013	-0.009	-0.014	-0.013
+50	NV	-0.012	-0.017	-0.011	-0.009
+55	NV	-0.020	-0.015	-0.015	-0.013
+20	LV	-0.021	-0.015	-0.012	-0.012
+20	HV	-0.016	-0.013	-0.014	-0.016

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	665.5	133147	5	1	0	23.79	15.08	0.032
QPSK	665.5	133147	5	1	12	24.01	15.30	0.034
QPSK	665.5	133147	5	1	24	23.73	15.02	0.032
QPSK	665.5	133147	5	12	0	22.79	14.08	0.026
QPSK	665.5	133147	5	12	7	22.88	14.17	0.026
QPSK	665.5	133147	5	12	13	22.79	14.08	0.026
QPSK	665.5	133147	5	25	0	22.78	14.07	0.026
QPSK	680.5	133297	5	1	0	23.85	15.14	0.033
QPSK	680.5	133297	5	1	12	23.98	15.27	0.034
QPSK	680.5	133297	5	1	24	23.77	15.06	0.032
QPSK	680.5	133297	5	12	0	22.89	14.18	0.026
QPSK	680.5	133297	5	12	7	22.92	14.21	0.026
QPSK	680.5	133297	5	12	13	22.78	14.07	0.026
QPSK	680.5	133297	5	25	0	22.81	14.10	0.026
QPSK	695.5	133447	5	1	0	23.57	14.86	0.031
QPSK	695.5	133447	5	1	12	23.86	15.15	0.033
QPSK	695.5	133447	5	1	24	23.59	14.88	0.031
QPSK	695.5	133447	5	12	0	22.68	13.97	0.025
QPSK	695.5	133447	5	12	7	22.71	14.00	0.025
QPSK	695.5	133447	5	12	13	22.60	13.89	0.024
QPSK	695.5	133447	5	25	0	22.71	14.00	0.025

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	665.5	133147	5	1	0	22.95	14.24	0.027
16QAM	665.5	133147	5	1	12	23.18	14.47	0.028
16QAM	665.5	133147	5	1	24	22.94	14.23	0.026
16QAM	665.5	133147	5	12	0	21.76	13.05	0.020
16QAM	665.5	133147	5	12	7	21.90	13.19	0.021
16QAM	665.5	133147	5	12	13	21.83	13.12	0.021
16QAM	665.5	133147	5	25	0	21.78	13.07	0.020
16QAM	680.5	133297	5	1	0	23.00	14.29	0.027
16QAM	680.5	133297	5	1	12	23.29	14.58	0.029
16QAM	680.5	133297	5	1	24	22.99	14.28	0.027
16QAM	680.5	133297	5	12	0	21.82	13.11	0.020
16QAM	680.5	133297	5	12	7	21.96	13.25	0.021
16QAM	680.5	133297	5	12	13	21.89	13.18	0.021
16QAM	680.5	133297	5	25	0	21.89	13.18	0.021
16QAM	695.5	133447	5	1	0	22.87	14.16	0.026
16QAM	695.5	133447	5	1	12	23.09	14.38	0.027
16QAM	695.5	133447	5	1	24	22.79	14.08	0.026
16QAM	695.5	133447	5	12	0	21.73	13.02	0.020

16QAM	695.5	133447	5	12	7	21.78	13.07	0.020
16QAM	695.5	133447	5	12	13	21.68	12.97	0.020
16QAM	695.5	133447	5	25	0	21.74	13.03	0.020

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	668	133172	10	1	0	23.83	15.12	0.033
QPSK	668	133172	10	1	25	24.01	15.30	0.034
QPSK	668	133172	10	1	49	23.79	15.08	0.032
QPSK	668	133172	10	25	0	22.78	14.07	0.026
QPSK	668	133172	10	25	12	22.83	14.12	0.026
QPSK	668	133172	10	25	25	22.86	14.15	0.026
QPSK	668	133172	10	50	0	22.87	14.16	0.026
QPSK	680.5	133297	10	1	0	23.77	15.06	0.032
QPSK	680.5	133297	10	1	25	23.96	15.25	0.033
QPSK	680.5	133297	10	1	49	23.67	14.96	0.031
QPSK	680.5	133297	10	25	0	22.88	14.17	0.026
QPSK	680.5	133297	10	25	12	22.90	14.19	0.026
QPSK	680.5	133297	10	25	25	22.77	14.06	0.025
QPSK	680.5	133297	10	50	0	22.89	14.18	0.026
QPSK	693	133422	10	1	0	23.71	15.00	0.032
QPSK	693	133422	10	1	25	23.97	15.26	0.034
QPSK	693	133422	10	1	49	23.58	14.87	0.031
QPSK	693	133422	10	25	0	22.79	14.08	0.026
QPSK	693	133422	10	25	12	22.76	14.05	0.025
QPSK	693	133422	10	25	25	22.75	14.04	0.025
QPSK	693	133422	10	50	0	22.81	14.10	0.026

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	668	133172	10	1	0	22.98	14.27	0.027
16QAM	668	133172	10	1	25	23.18	14.47	0.028
16QAM	668	133172	10	1	49	23.12	14.41	0.028
16QAM	668	133172	10	25	0	21.85	13.14	0.021
16QAM	668	133172	10	25	12	21.95	13.24	0.021
16QAM	668	133172	10	25	25	21.94	13.23	0.021
16QAM	668	133172	10	50	0	21.91	13.20	0.021
16QAM	680.5	133297	10	1	0	23.08	14.37	0.027
16QAM	680.5	133297	10	1	25	23.23	14.52	0.028
16QAM	680.5	133297	10	1	49	23.04	14.33	0.027
16QAM	680.5	133297	10	25	0	22.01	13.30	0.021
16QAM	680.5	133297	10	25	12	21.95	13.24	0.021
16QAM	680.5	133297	10	25	25	21.89	13.18	0.021
16QAM	680.5	133297	10	50	0	22.04	13.33	0.022
16QAM	693	133422	10	1	0	22.98	14.27	0.027

16QAM	693	133422	10	1	25	23.09	14.38	0.027
16QAM	693	133422	10	1	49	22.82	14.11	0.026
16QAM	693	133422	10	25	0	21.93	13.22	0.021
16QAM	693	133422	10	25	12	21.84	13.13	0.021
16QAM	693	133422	10	25	25	21.77	13.06	0.020
16QAM	693	133422	10	50	0	21.82	13.11	0.020

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	670.5	133197	15	1	0	23.66	14.95	0.031
QPSK	670.5	133197	15	1	37	23.87	15.16	0.033
QPSK	670.5	133197	15	1	74	23.68	14.97	0.031
QPSK	670.5	133197	15	36	0	22.77	14.06	0.025
QPSK	670.5	133197	15	36	29	22.86	14.15	0.026
QPSK	670.5	133197	15	36	30	22.86	14.15	0.026
QPSK	670.5	133197	15	75	0	22.91	14.20	0.026
QPSK	680.5	133297	15	1	0	23.79	15.08	0.032
QPSK	680.5	133297	15	1	37	23.98	15.27	0.034
QPSK	680.5	133297	15	1	74	23.65	14.94	0.031
QPSK	680.5	133297	15	36	0	22.91	14.20	0.026
QPSK	680.5	133297	15	36	29	22.93	14.22	0.026
QPSK	680.5	133297	15	36	30	22.87	14.16	0.026
QPSK	680.5	133297	15	75	0	22.86	14.15	0.026
QPSK	690.5	133397	15	1	0	23.61	14.90	0.031
QPSK	690.5	133397	15	1	37	23.80	15.09	0.032
QPSK	690.5	133397	15	1	74	23.48	14.77	0.030
QPSK	690.5	133397	15	36	0	22.82	14.11	0.026
QPSK	690.5	133397	15	36	29	22.84	14.13	0.026
QPSK	690.5	133397	15	36	30	22.81	14.10	0.026
QPSK	690.5	133397	15	75	0	22.76	14.05	0.025

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	670.5	133197	15	1	0	23.06	14.35	0.027
16QAM	670.5	133197	15	1	37	23.42	14.71	0.030
16QAM	670.5	133197	15	1	74	23.15	14.44	0.028
16QAM	670.5	133197	15	36	0	21.87	13.16	0.021
16QAM	670.5	133197	15	36	29	21.91	13.20	0.021
16QAM	670.5	133197	15	36	30	21.92	13.21	0.021
16QAM	670.5	133197	15	75	0	21.89	13.18	0.021
16QAM	680.5	133297	15	1	0	23.20	14.49	0.028
16QAM	680.5	133297	15	1	37	23.36	14.65	0.029
16QAM	680.5	133297	15	1	74	23.10	14.39	0.027
16QAM	680.5	133297	15	36	0	21.99	13.28	0.021
16QAM	680.5	133297	15	36	29	21.94	13.23	0.021

16QAM	680.5	133297	15	36	30	21.95	13.24	0.021
16QAM	680.5	133297	15	75	0	21.90	13.19	0.021
16QAM	690.5	133397	15	1	0	23.11	14.40	0.028
16QAM	690.5	133397	15	1	37	23.23	14.52	0.028
16QAM	690.5	133397	15	1	74	23.02	14.31	0.027
16QAM	690.5	133397	15	36	0	21.80	13.09	0.020
16QAM	690.5	133397	15	36	29	21.79	13.08	0.020
16QAM	690.5	133397	15	36	30	21.89	13.18	0.021
16QAM	690.5	133397	15	75	0	21.75	13.04	0.020

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	673	133222	20	1	0	23.48	14.77	0.030
QPSK	673	133222	20	1	49	23.92	15.21	0.033
QPSK	673	133222	20	1	99	23.58	14.87	0.031
QPSK	673	133222	20	50	0	22.79	14.08	0.026
QPSK	673	133222	20	50	24	22.90	14.19	0.026
QPSK	673	133222	20	50	50	22.81	14.10	0.026
QPSK	673	133222	20	100	0	22.76	14.05	0.025
QPSK	680.5	133297	20	1	0	23.48	14.77	0.030
QPSK	680.5	133297	20	1	49	23.98	15.27	0.034
QPSK	680.5	133297	20	1	99	23.57	14.86	0.031
QPSK	680.5	133297	20	50	0	22.91	14.20	0.026
QPSK	680.5	133297	20	50	24	22.82	14.11	0.026
QPSK	680.5	133297	20	50	50	22.73	14.02	0.025
QPSK	680.5	133297	20	100	0	22.80	14.09	0.026
QPSK	688	133372	20	1	0	23.43	14.72	0.030
QPSK	688	133372	20	1	49	23.83	15.12	0.033
QPSK	688	133372	20	1	99	23.35	14.64	0.029
QPSK	688	133372	20	50	0	22.85	14.14	0.026
QPSK	688	133372	20	50	24	22.83	14.12	0.026
QPSK	688	133372	20	50	50	22.63	13.92	0.025
QPSK	688	133372	20	100	0	22.69	13.98	0.025

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	673	133222	20	1	0	22.91	14.20	0.026
16QAM	673	133222	20	1	49	23.27	14.56	0.029
16QAM	673	133222	20	1	99	23.01	14.30	0.027
16QAM	673	133222	20	50	0	21.90	13.19	0.021
16QAM	673	133222	20	50	24	21.95	13.24	0.021
16QAM	673	133222	20	50	50	21.86	13.15	0.021
16QAM	673	133222	20	100	0	21.89	13.18	0.021
16QAM	680.5	133297	20	1	0	22.84	14.13	0.026
16QAM	680.5	133297	20	1	49	23.24	14.53	0.028

16QAM	680.5	133297	20	1	99	22.81	14.10	0.026
16QAM	680.5	133297	20	50	0	21.99	13.28	0.021
16QAM	680.5	133297	20	50	24	21.95	13.24	0.021
16QAM	680.5	133297	20	50	50	21.86	13.15	0.021
16QAM	680.5	133297	20	100	0	21.91	13.20	0.021
16QAM	688	133372	20	1	0	22.87	14.16	0.026
16QAM	688	133372	20	1	49	23.22	14.51	0.028
16QAM	688	133372	20	1	99	22.72	14.01	0.025
16QAM	688	133372	20	50	0	21.84	13.13	0.021
16QAM	688	133372	20	50	24	21.83	13.12	0.021
16QAM	688	133372	20	50	50	21.75	13.04	0.020
16QAM	688	133372	20	100	0	21.88	13.17	0.021

The original report test date

LTE Band 71

1 RF Power Output

PA Power Output						
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	665.5	133147	5	1	0	23.69
				1	24	23.59
				12	6	22.83
				25	0	22.73
	680.5	133297		1	0	23.86
				1	24	23.82
				12	6	23.02
				25	0	22.88
	695.5	133447		1	0	23.75
				1	24	23.71
				12	6	22.94
				25	0	22.88
16QAM	665.5	133147	5	1	0	22.67
				1	24	22.69
				12	6	21.79
				25	0	21.70
	680.5	133297		1	0	22.89
				1	24	22.80
				12	6	21.96
				25	0	21.97
	695.5	133447		1	0	22.81
				1	24	22.74
				12	6	21.98
				25	0	21.84

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	668	133172	10	1	0	23.75
				1	49	23.64
				24	12	22.91
				50	0	22.76
	680.5	133297		1	0	23.95
				1	49	23.93
				24	12	22.99
				50	0	22.99
	693	133422		1	0	23.83
				1	49	23.73
				24	12	23.03
				50	0	22.95
16QAM	668	133172	10	1	0	22.81
				1	49	22.65
				24	12	21.81
				50	0	21.86
	680.5	133297		1	0	23.02
				1	49	22.92
				24	12	22.02
				50	0	22.05
	693	133422		1	0	22.77
				1	49	22.78
				24	12	22.03
				50	0	21.95

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	670.5	133197	15	1	0	23.81
				1	74	23.80
				40	18	22.92
				75	0	22.92
	680.5	133297		1	0	23.99
				1	74	23.96
				40	18	23.10
				75	0	23.00
	690.5	133397		1	0	23.89
				1	74	23.89
				40	18	23.03
				75	0	22.95
16QAM	670.5	133197	15	1	0	22.80
				1	74	22.76
				40	18	21.95
				75	0	21.93
	680.5	133297		1	0	23.06
				1	74	23.01
				40	18	22.09
				75	0	22.02
	690.5	133397		1	0	22.87
				1	74	22.78
				40	18	22.07
				75	0	22.05

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	673	133222	20	1	0	23.95
				1	99	23.90
				50	25	23.07
				100	0	23.01
	683	133322		1	0	24.11
				1	99	24.07
				50	25	23.23
				100	0	23.16
	688	133372		1	0	24.06
				1	99	23.98
				50	25	23.19
				100	0	23.11
16QAM	673	133222	20	1	0	22.98
				1	99	22.92
				50	25	22.07
				100	0	22.01
	683	133322		1	0	23.16
				1	99	23.11
				50	25	22.23
				100	0	22.20
	688	133372		1	0	23.04
				1	99	22.95
				50	25	22.19
				100	0	22.14

2 Occupied Bandwidth

Test result

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
71	665.5	133147	5	25	0	4.4925	Fig.1	4.4622	Fig.2
	680.5	133297		25	0	4.4761	Fig.3	4.4907	Fig.4
	695.5	133447		25	0	4.4719	Fig.5	4.4820	Fig.6
	668	133172	10	50	0	8.9505	Fig.7	8.9570	Fig.8
	680.5	133297		50	0	8.9528	Fig.9	8.9551	Fig.10
	693	133422		50	0	8.9415	Fig.11	8.9514	Fig.12
	670.5	133197	15	75	0	13.391	Fig.13	13.366	Fig.14
	680.5	133297		75	0	13.418	Fig.15	13.418	Fig.16
	690.5	133397		75	0	13.412	Fig.17	13.405	Fig.18
	673	133222	20	100	0	17.813	Fig.19	17.853	Fig.20
	683	133322		100	0	17.841	Fig.21	17.802	Fig.22
	688	133372		100	0	17.834	Fig.23	17.785	Fig.24

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
71	665.5	133147	5	25	0	4.947	Fig.1	4.892	Fig.2
	680.5	133297		25	0	4.907	Fig.3	4.895	Fig.4
	695.5	133447		25	0	4.927	Fig.5	4.949	Fig.6
	668	133172	10	50	0	9.740	Fig.7	9.547	Fig.8
	680.5	133297		50	0	9.750	Fig.9	9.652	Fig.10
	693	133422		50	0	9.761	Fig.11	9.748	Fig.12
	670.5	133197	15	75	0	14.40	Fig.13	14.43	Fig.14
	680.5	133297		75	0	14.55	Fig.15	14.28	Fig.16
	690.5	133397		75	0	14.58	Fig.17	14.35	Fig.18
	673	133222	20	100	0	19.07	Fig.19	18.92	Fig.20
	683	133322		100	0	19.06	Fig.21	18.90	Fig.22
	688	133372		100	0	19.38	Fig.23	19.01	Fig.24

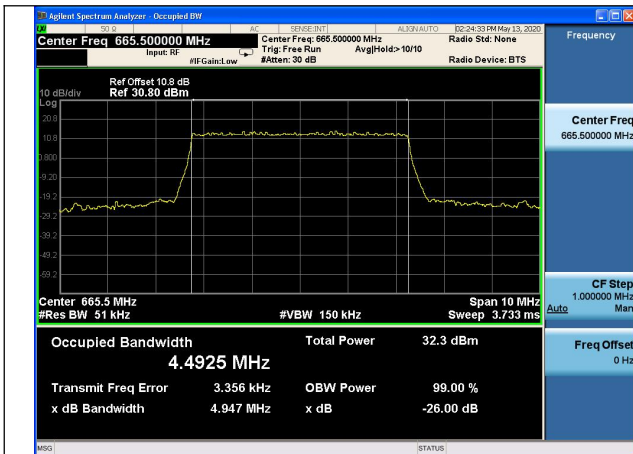


Fig.1



Fig.2

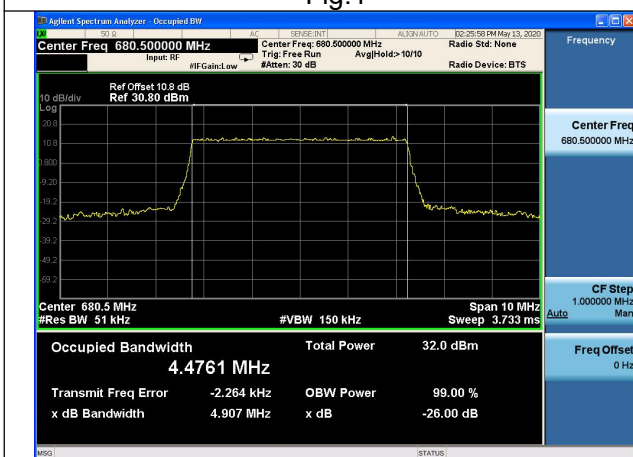


Fig.3



Fig.4

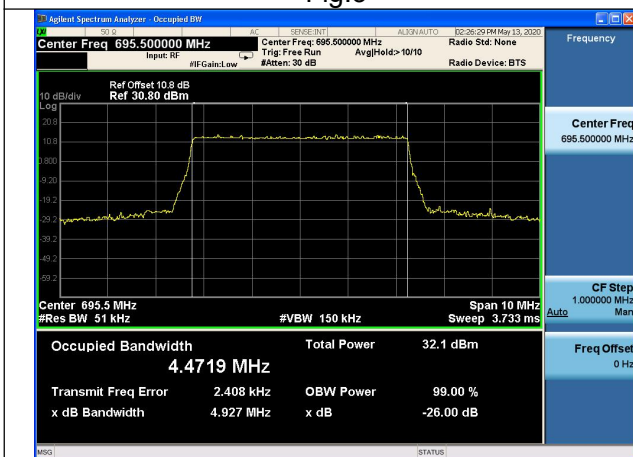


Fig.5



Fig.6

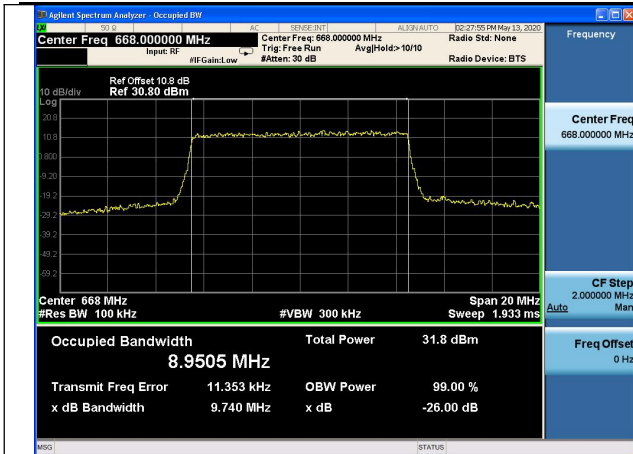


Fig.7



Fig.8

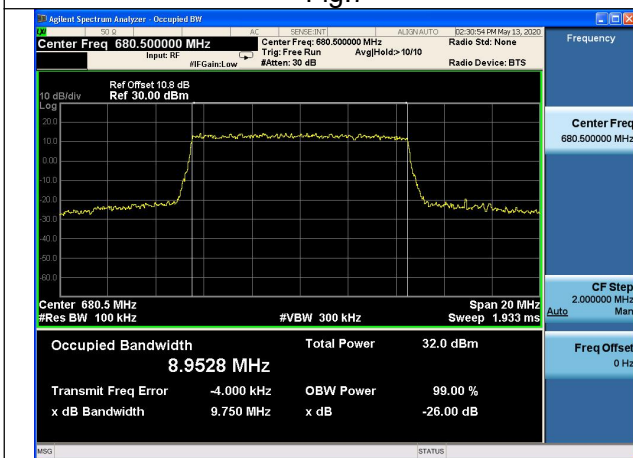


Fig.9



Fig.10

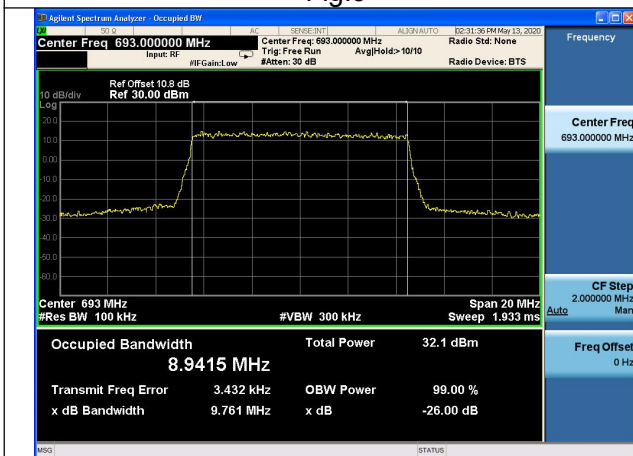


Fig.11

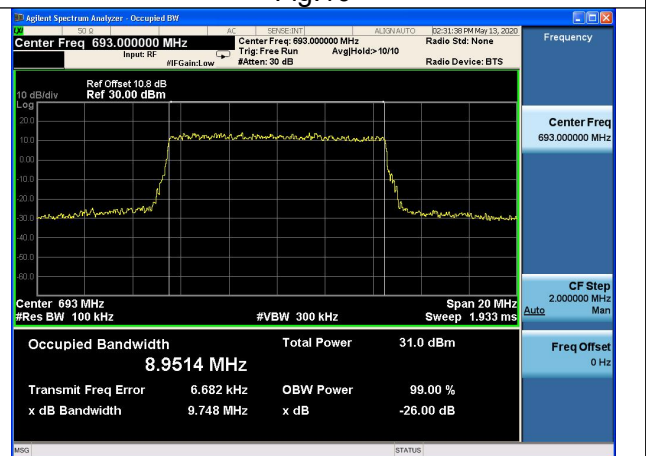


Fig.12