

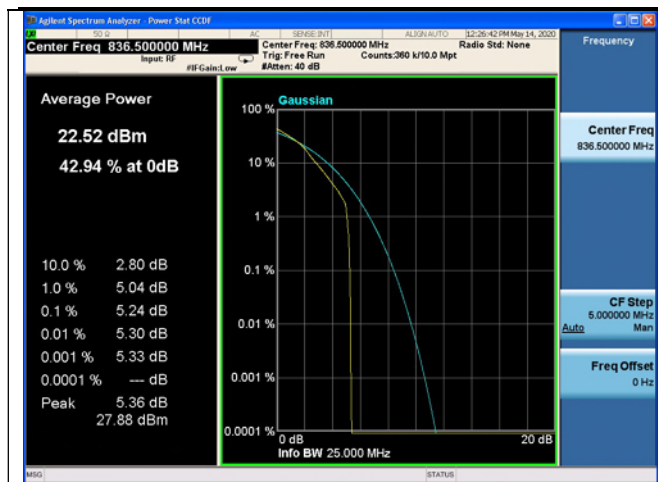


Fig.11

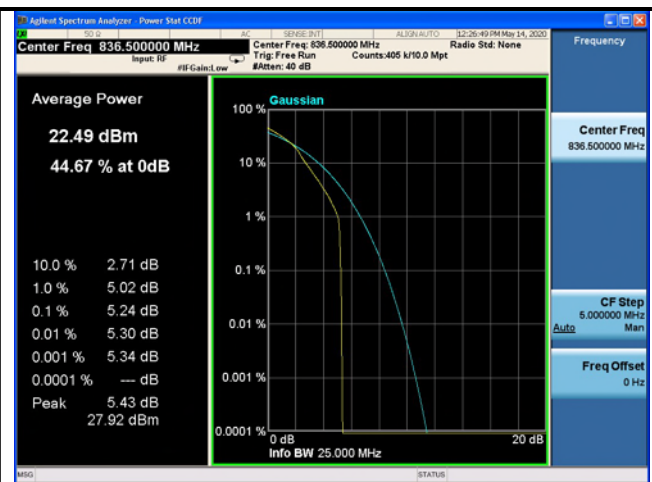


Fig.12

4 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
5	829	20450	10	1	0	Fig.1-2
	836.5	20525	10	1	0	Fig.3-4
	844	20600	10	1	0	Fig.4-5

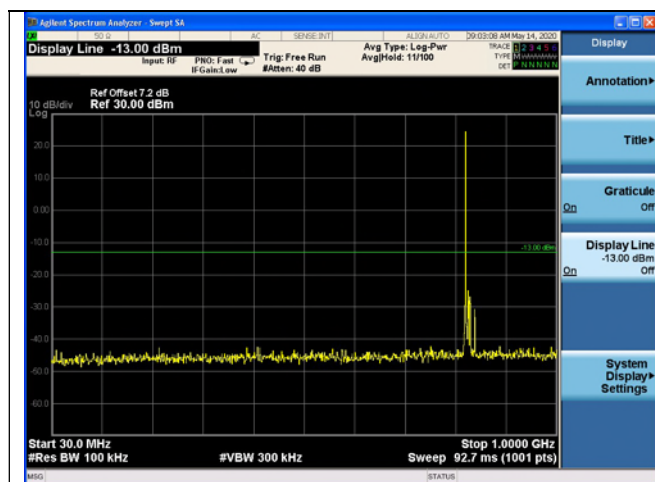


Fig.1

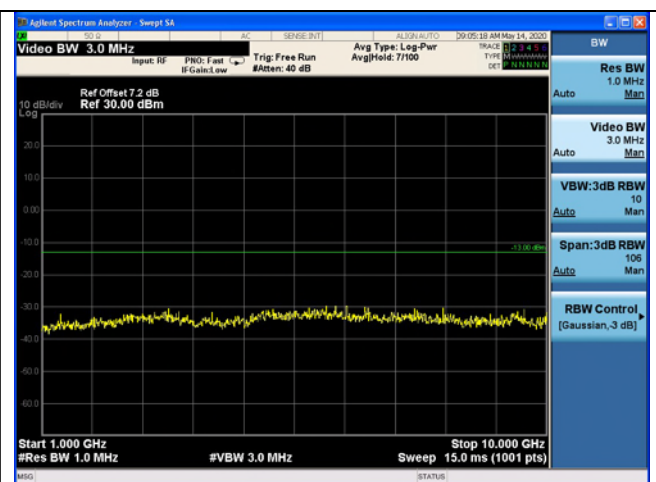


Fig.2

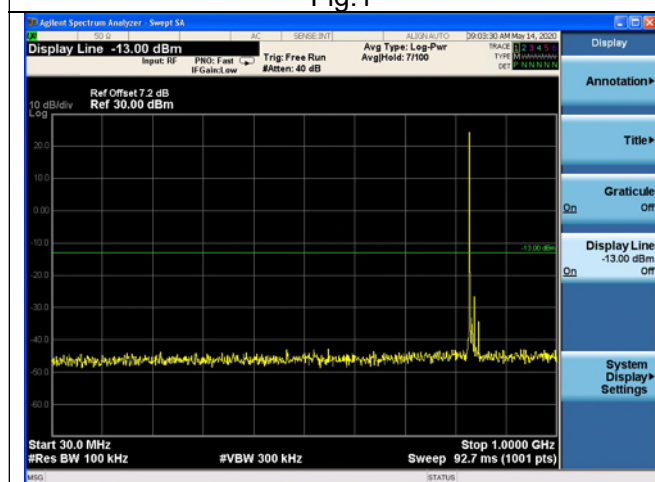


Fig.3

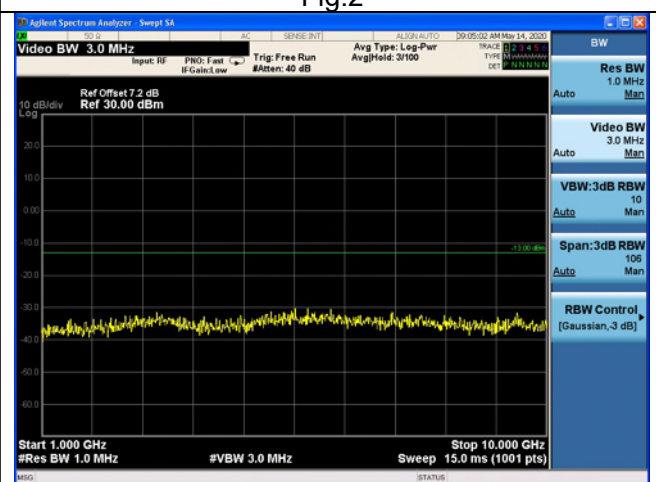


Fig.4

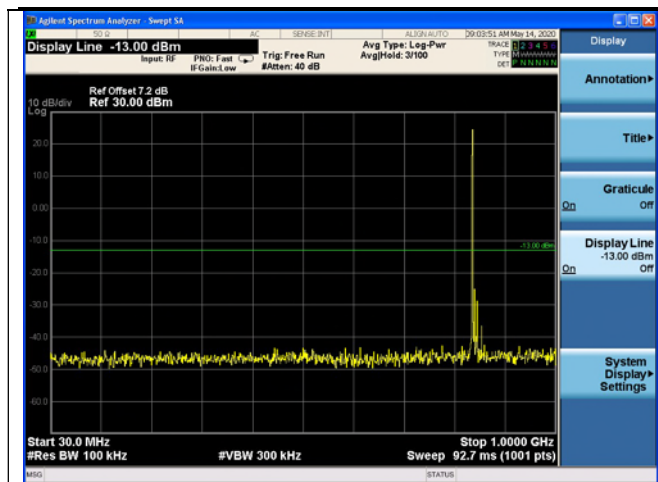


Fig.5

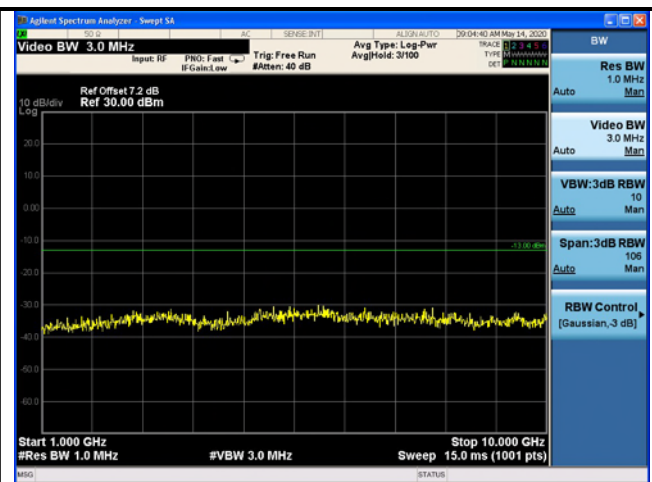


Fig.6

5 Band Edges Compliance

Test result

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
5	824.7	20407	1.4	1	0	Fig.1
				6	0	Fig.2
	848.3	20643		1	5	Fig.3
				6	0	Fig.4
	825.5	20415	3	1	0	Fig.5
				15	0	Fig.6
	847.5	20635		1	14	Fig.7
				15	0	Fig.8
	826.5	20425	5	1	0	Fig.9
				25	0	Fig.10
	846.5	20625		1	24	Fig.11
				25	0	Fig.12
	829	20450	10	1	0	Fig.13
				50	0	Fig.14
	844	20600		1	49	Fig.15
				50	0	Fig.16

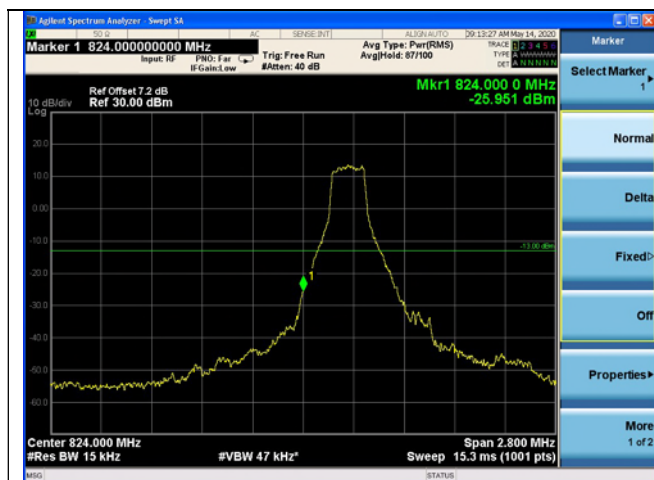


Fig.1

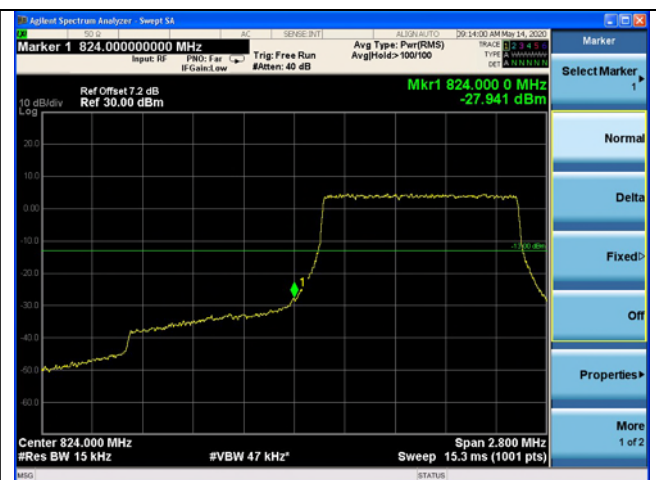


Fig.2

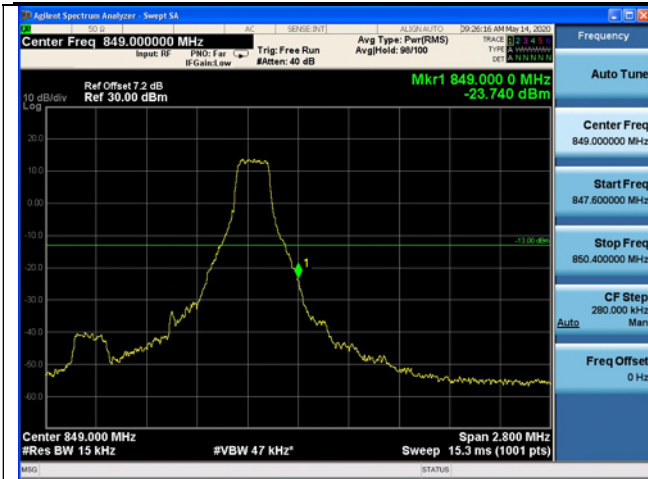


Fig.3



Fig.4

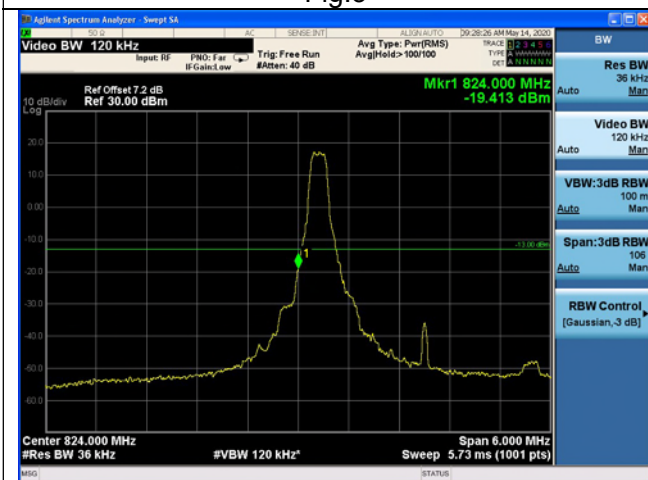


Fig.5

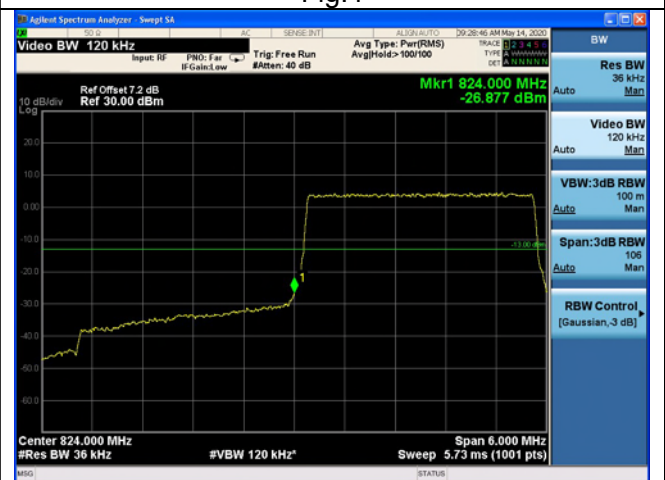


Fig.6

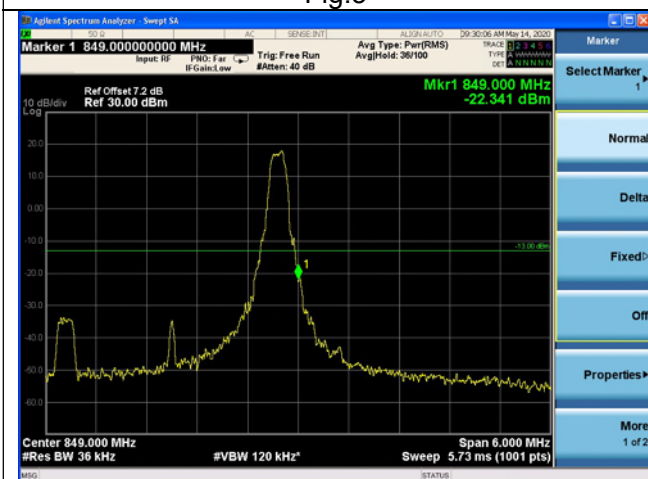


Fig.7



Fig.8

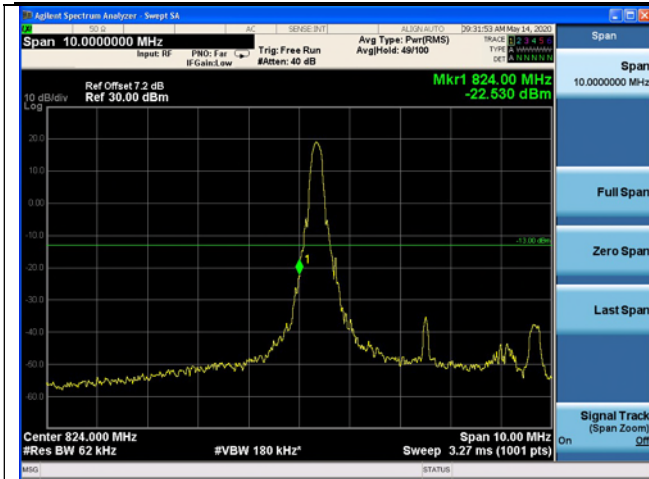


Fig.9



Fig.10

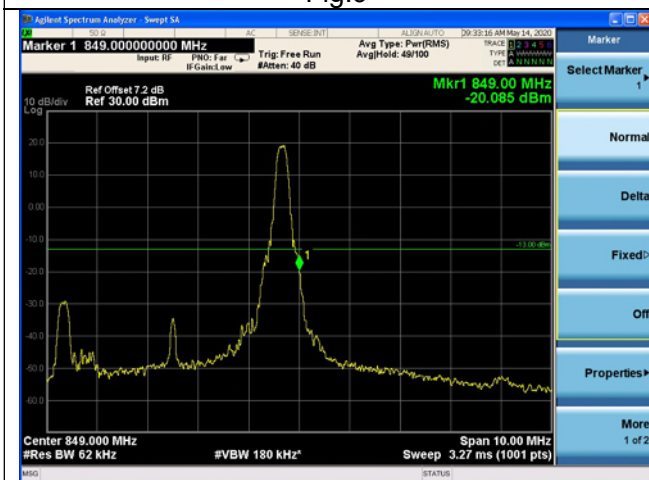


Fig.11



Fig.12

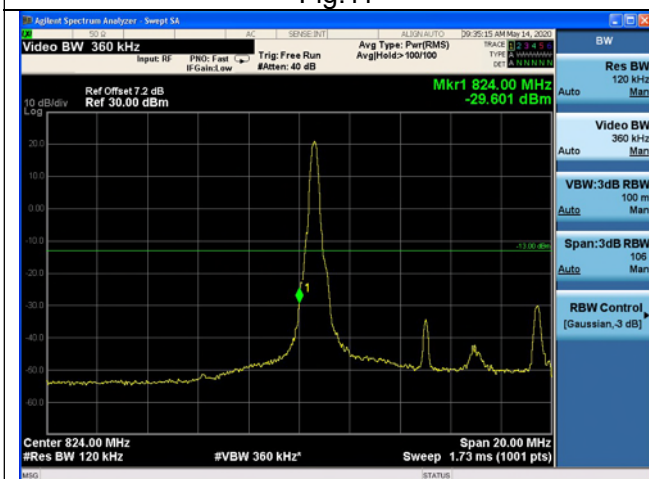


Fig.13

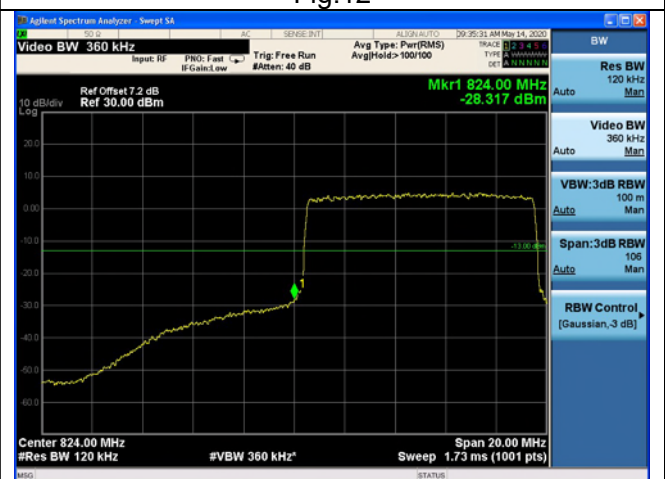


Fig.14

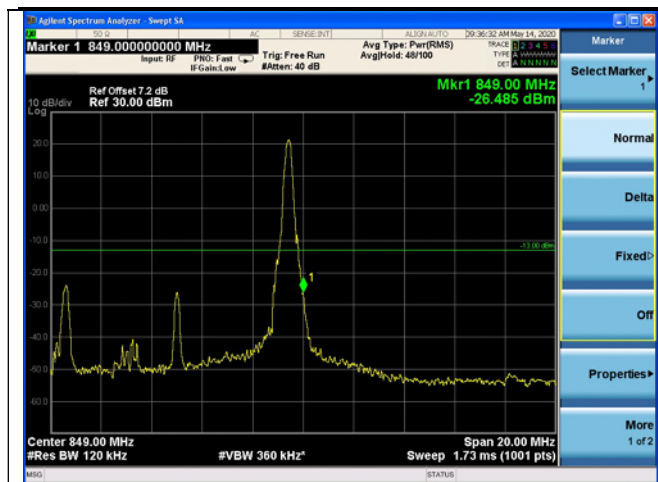


Fig.15



Fig.16

6 Frequency Stability

Test result:

Temperature(°C)	Voltage	Test Result (ppm) Band5Low Channel			
		1.4M	3M	5M	10M
-20	NV	-0.01	-0.079	-0.042	0.052
-10	NV	0.008	-0.039	-0.078	0.03
0	NV	-0.023	0.001	0.067	-0.037
+10	NV	0.054	-0.048	0.018	0.059
+20	NV	0.000	0.000	0.000	0.000
+30	NV	-0.056	0.071	-0.027	0.047
+40	NV	-0.042	-0.042	0.065	0.066
+50	NV	-0.058	-0.061	-0.003	-0.04
+55	NV	0.074	-0.059	-0.015	0.037
+20	LV	0.048	-0.042	0.009	-0.076
+20	HV	-0.021	-0.067	0.021	0.001

Temperature(°C)	Voltage	Test Result (ppm) Band5High Channel			
		1.4M	3M	5M	10M
-20	NV	-0.049	0.028	-0.074	-0.078
-10	NV	-0.02	0.068	-0.011	0.006
0	NV	0.062	-0.074	-0.035	0.037
+10	NV	-0.013	0.007	0.067	0.037
+20	NV	0.000	0.000	0.000	0.000
+30	NV	-0.045	0.023	-0.041	0.038
+40	NV	0.054	-0.012	-0.009	0.052
+50	NV	-0.056	-0.02	-0.011	0.012
+55	NV	0.012	-0.023	-0.049	0.029
+20	LV	-0.068	0.042	-0.039	-0.036
+20	HV	0.069	0.039	0.074	-0.026

LTE Band 40
1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2307.5	38725	5	1	0	22.32
				1	24	22.17
				12	6	21.40
				25	0	21.34
	2310.0	38750		1	0	22.33
				1	24	22.31
				12	6	21.38
				25	0	21.39
	2312.5	38775		1	0	22.22
				1	24	22.23
				12	6	21.37
				25	0	21.44
16QAM	2307.5	38725	5	1	0	21.34
				1	24	21.22
				12	6	20.35
				25	0	20.33
	2310.0	38750		1	0	21.25
				1	24	21.20
				12	6	20.38
				25	0	20.34
	2312.5	38775		1	0	21.20
				1	24	21.21
				12	6	20.35
				25	0	20.32
64QAM	2307.5	38725	5	1	0	21.30
				1	24	21.20
				12	6	20.26
				25	0	20.22
	2310.0	38750		1	0	21.12
				1	24	21.06
				12	6	20.32
				25	0	20.20
	2312.5	38775		1	0	21.06
				1	24	21.20
				12	6	20.26
				25	0	20.29

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2352.5	39175	5	1	0	22.57
				1	24	22.46
				12	6	21.68
				25	0	21.61
	2355.0	39200		1	0	22.71
				1	24	22.42
				12	6	21.70
				25	0	21.75
	2357.5	39225		1	0	22.50
				1	24	22.37
				12	6	21.50
				25	0	21.52
16QAM	2352.5	39175	5	1	0	21.54
				1	24	21.41
				12	6	20.79
				25	0	20.64
	2355.0	39200		1	0	21.50
				1	24	21.60
				12	6	20.73
				25	0	20.65
	2357.5	39225		1	0	21.54
				1	24	21.15
				12	6	20.58
				25	0	20.52
64QAM	2352.5	39175	5	1	0	21.53
				1	24	21.30
				12	6	20.74
				25	0	20.62
	2355.0	39200		1	0	21.38
				1	24	21.55
				12	6	20.62
				25	0	20.55
	2357.5	39225		1	0	21.53
				1	24	21.06
				12	6	20.45
				25	0	20.36

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2310	38750	10	1	0	22.54
				1	49	22.35
				24	12	21.54
				50	0	21.53
16QAM	2310	38750		1	0	21.52
				1	49	21.41
				24	12	20.40
				50	0	20.43
64QAM	2310	38750		1	0	21.43
				1	49	21.32
				24	12	20.36
				50	0	20.41
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2355	39200	10	1	0	22.89
				1	49	22.50
				24	12	21.80
				50	0	21.73
16QAM	2355	39200		1	0	21.90
				1	49	21.40
				24	12	20.88
				50	0	20.85
64QAM	2355	39200		1	0	21.80
				1	49	21.38
				24	12	20.84
				50	0	20.76

2 Occupied Bandwidth

Test result

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
40	2307.5	38725	5	25	0	4.4918	Fig.1	4.4823	Fig.2	4.4808	Fig.3
	2310.0	38750		25	0	4.4840	Fig.4	4.4916	Fig.5	4.4903	Fig.6
	2312.5	38775		25	0	4.4863	Fig.7	4.4872	Fig.8	4.4925	Fig.9
	2352.5	39175	5	25	0	4.4919	Fig.10	4.4783	Fig.11	4.4838	Fig.12
	2355.0	39200		25	0	4.4788	Fig.13	4.4744	Fig.14	4.4855	Fig.15
	2357.5	39225		25	0	4.4883	Fig.16	4.4927	Fig.17	4.4775	Fig.18
	2310.0	38750	10	50	0	8.9588	Fig.19	8.9523	Fig.20	8.9533	Fig.21
	2355.0	39200		50	0	8.9415	Fig.22	8.9587	Fig.23	8.9559	Fig.24

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)					
						QPSK		16-QAM		64-QAM	
40	2307.5	38725	5	25	0	5.213	Fig.1	5.051	Fig.2	5.073	Fig.3
	2310.0	38750		25	0	5.291	Fig.4	5.144	Fig.5	5.169	Fig.6
	2312.5	38775		25	0	5.101	Fig.7	5.138	Fig.8	5.153	Fig.9
	2352.5	39175	5	25	0	5.407	Fig.10	5.529	Fig.11	4.770	Fig.12
	2355.0	39200		25	0	5.004	Fig.13	5.472	Fig.14	5.021	Fig.15
	2357.5	39225		25	0	5.285	Fig.16	5.105	Fig.17	5.040	Fig.18
	2310.0	38750	10	50	0	10.590	Fig.19	9.734	Fig.20	9.910	Fig.21
	2355.0	39200		50	0	9.665	Fig.22	9.719	Fig.23	10.010	Fig.24

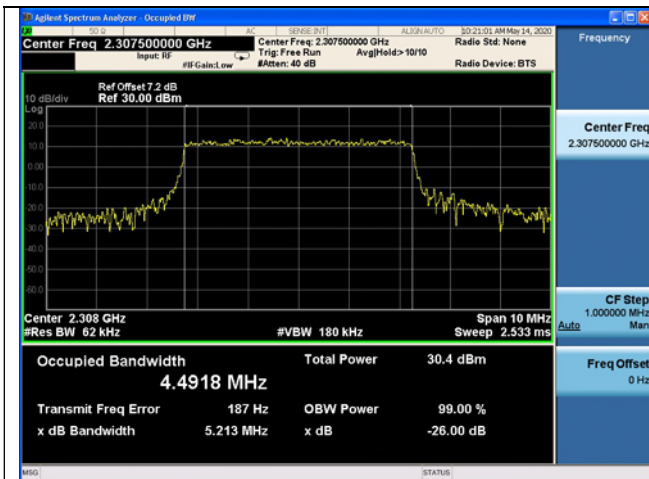


Fig.1

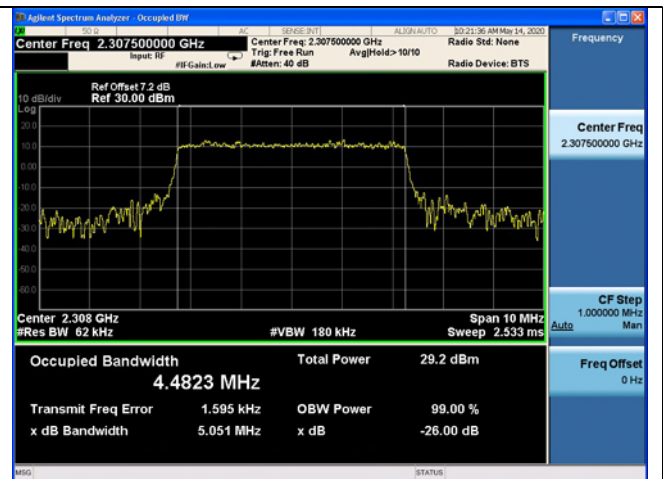


Fig.2

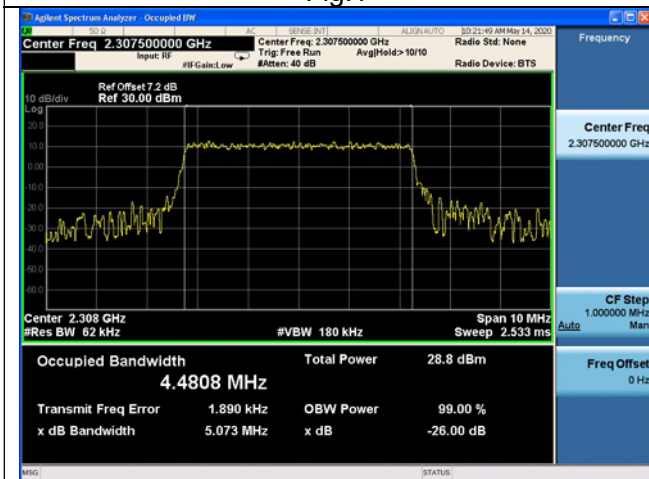


Fig.3



Fig.4

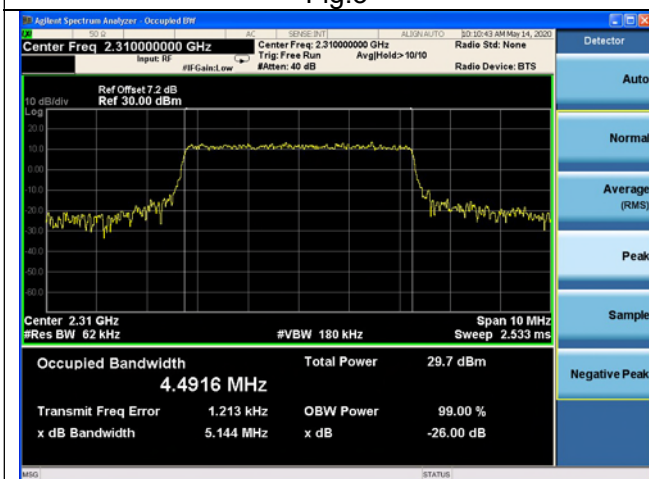


Fig.5



Fig.6

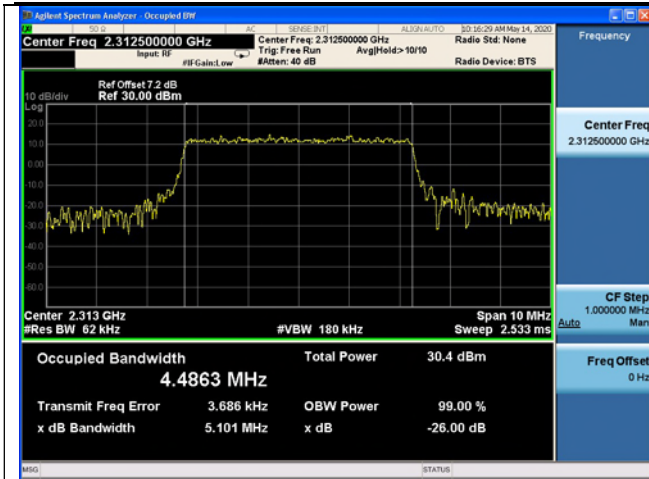


Fig.7



Fig.8

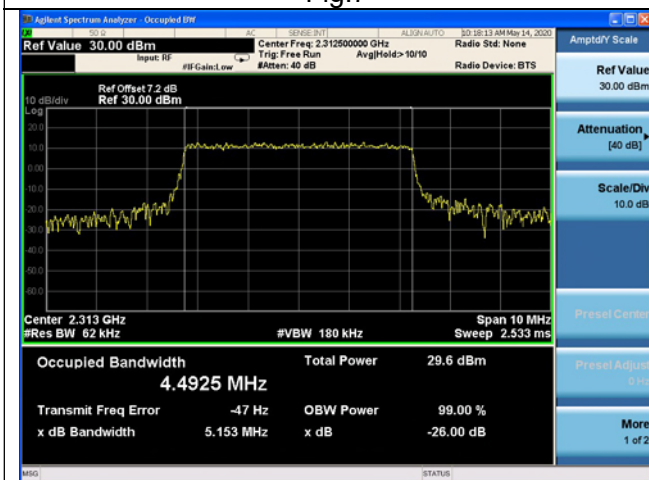


Fig.9

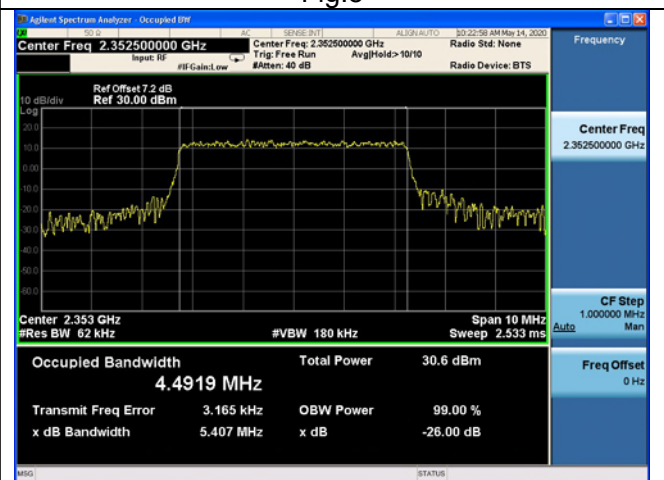


Fig.10

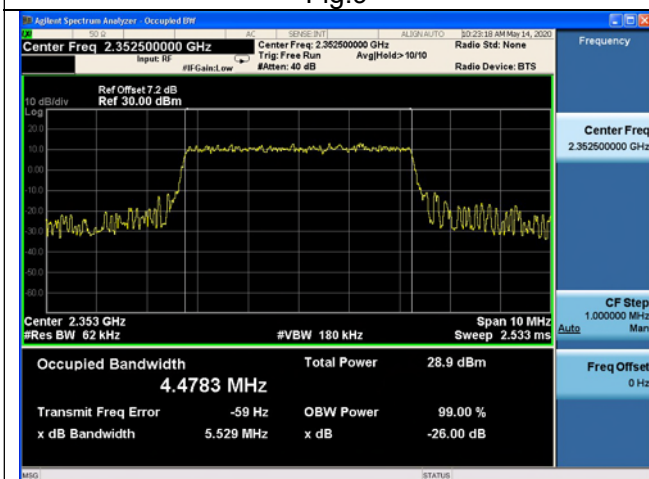


Fig.11

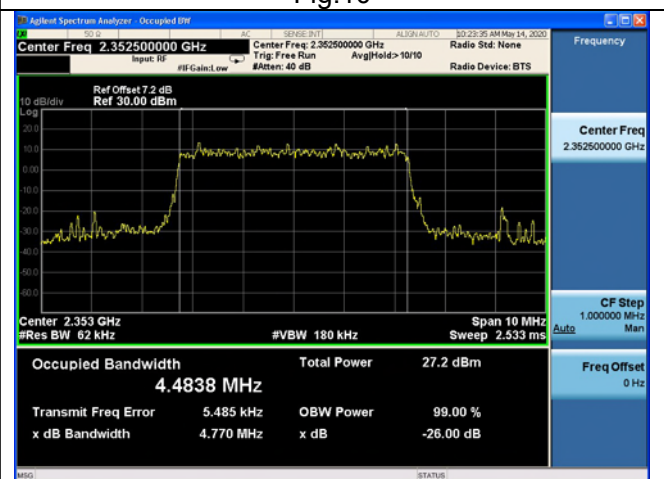


Fig.12

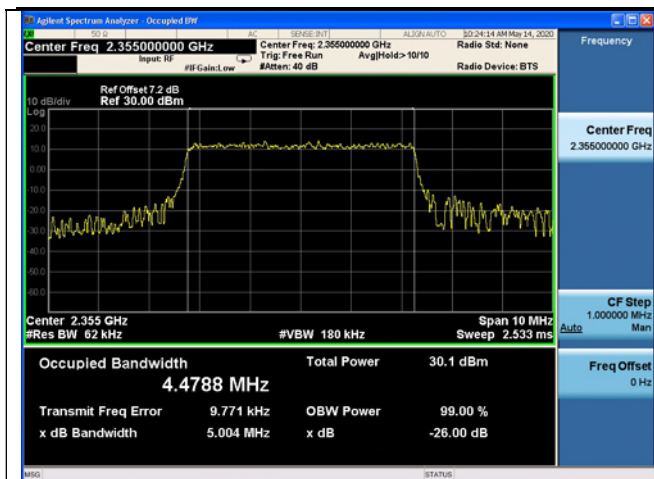


Fig.13

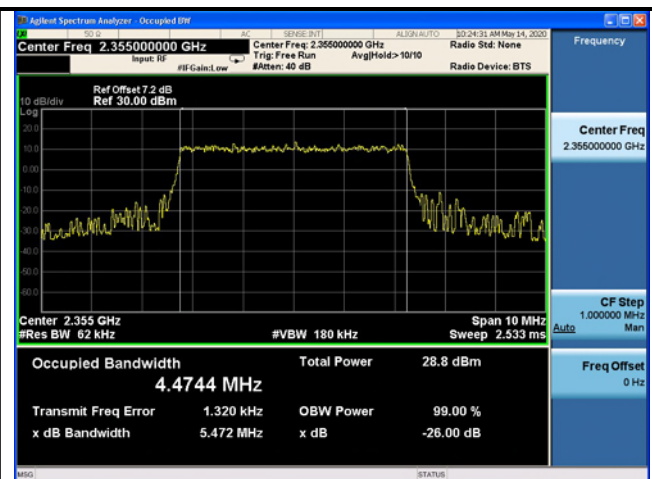


Fig.14

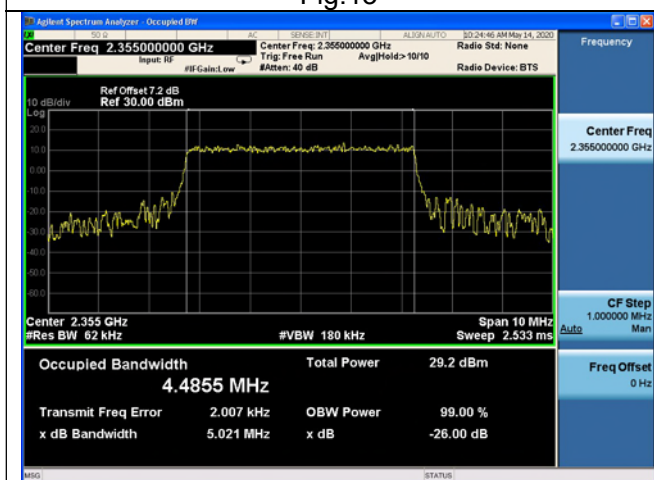


Fig.15

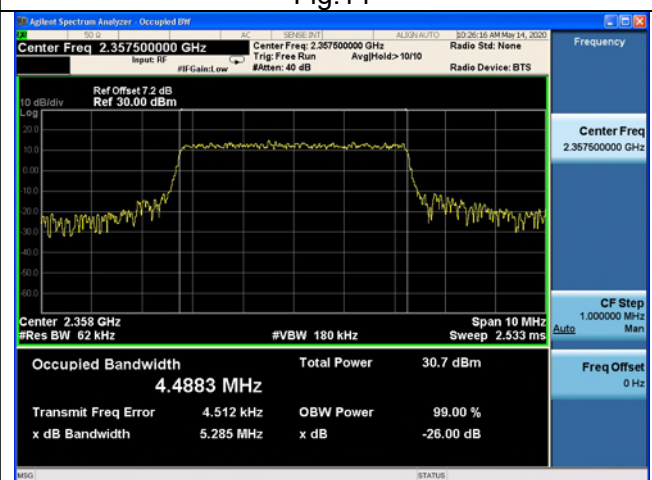


Fig.16

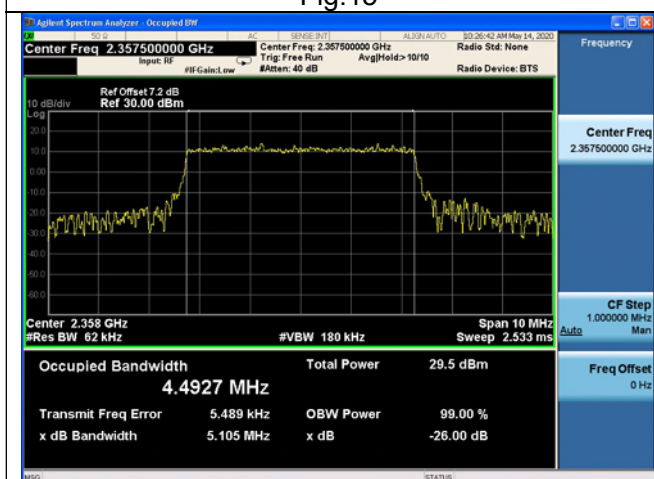


Fig.17

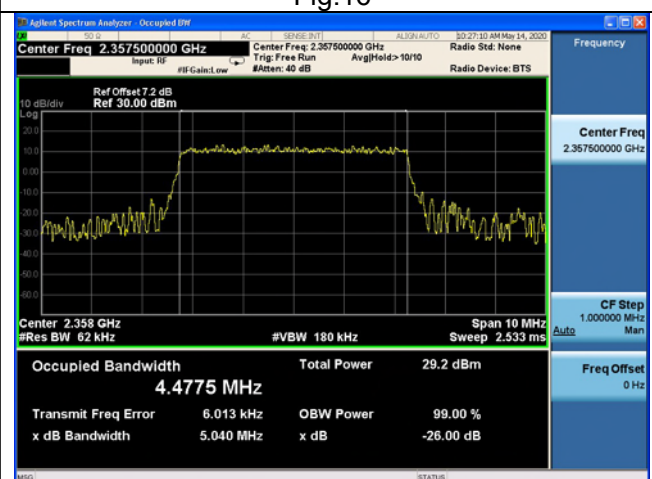


Fig.18

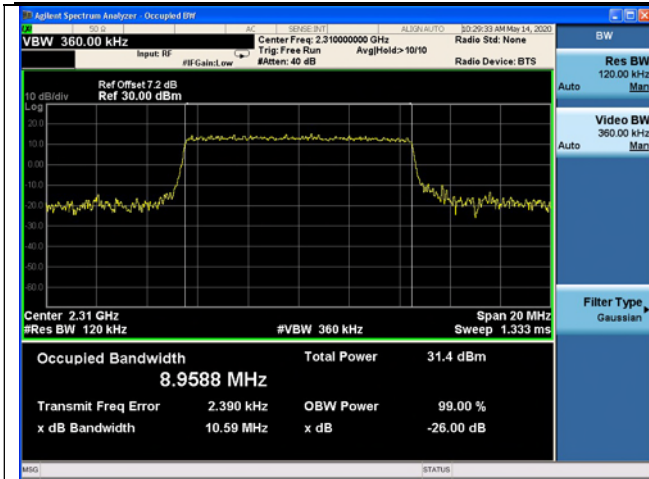


Fig.19

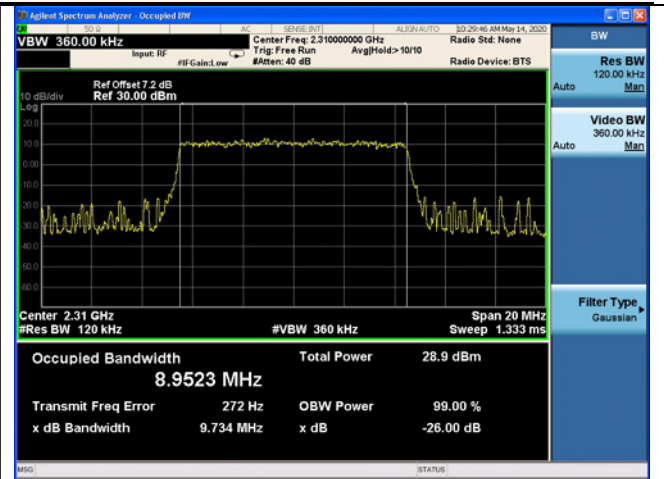


Fig.20

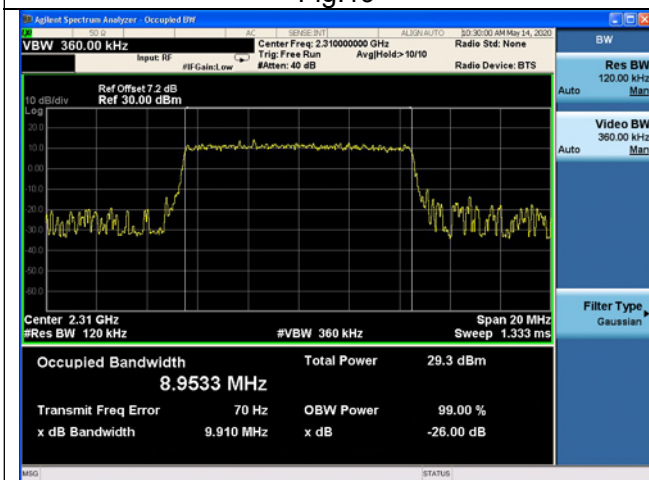


Fig.21

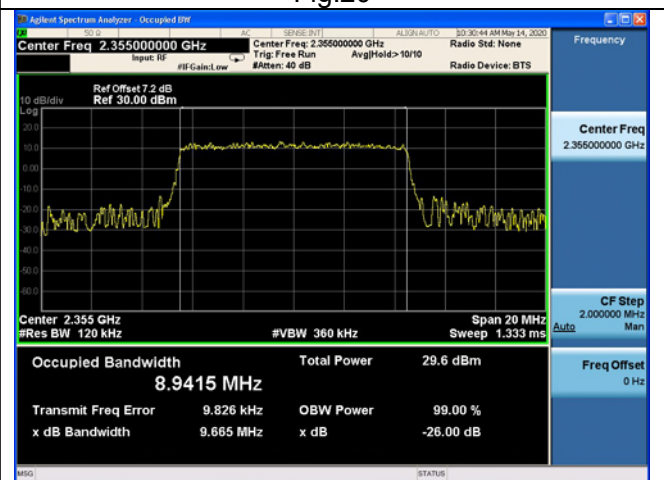


Fig.22

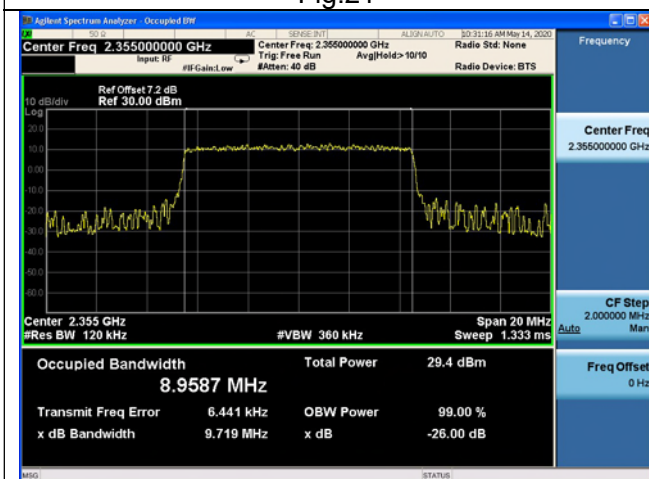


Fig.23

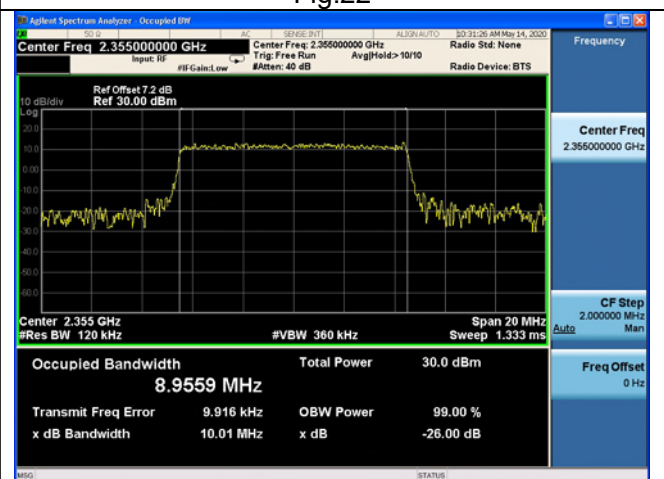


Fig.24

3 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
40	2310.0	38750	5	1	0	Fig.1	Fig.2	Fig.3
			10	1	0	Fig.4	Fig.5	Fig.6
	2355.0	39200	5	1	0	Fig.7	Fig.8	Fig.9
			10	1	0	Fig.10	Fig.11	Fig.12



Fig.1

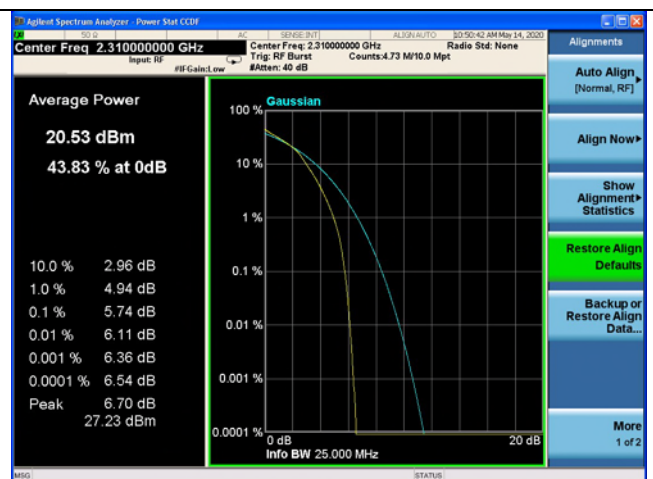


Fig.2

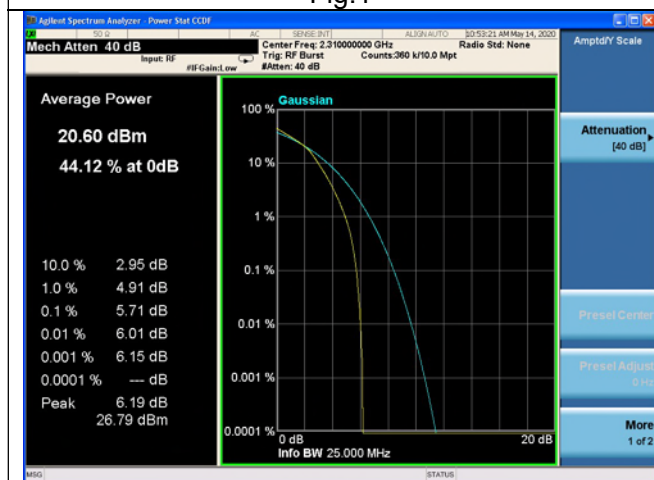


Fig.3



Fig.4