

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 41

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)
QPSK	2537.5	40065	5	1	0	26.11
				1	24	25.96
				12	6	25.49
				25	0	25.50
	2593	40620		1	0	25.80
				1	24	25.60
				12	6	25.11
				25	0	25.32
	2652.5	41215		1	0	25.59
				1	24	25.99
				12	6	25.08
				25	0	25.26
16QAM	2537.5	40065	5	1	0	25.23
				1	24	25.24
				12	6	24.46
				25	0	24.51
	2593	40620		1	0	24.98
				1	24	24.95
				12	6	24.36
				25	0	24.37
	2652.5	41215		1	0	24.96
				1	24	24.86
				12	6	24.09
				25	0	24.34
64QAM	2537.5	40065	5	1	0	25.07
				1	24	25.03
				12	6	24.31
				25	0	24.69
	2593	40620		1	0	24.89
				1	24	24.84
				12	6	24.30
				25	0	24.32
	2652.5	41215		1	0	24.93
				1	24	24.75
				12	6	24.28
				25	0	24.24

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)
QPSK	2540	40090	10	1	0	26.03
				1	49	25.85
				24	12	25.57
				50	0	25.40
	2593	40620		1	0	25.76
				1	49	25.85
				24	12	25.11
				50	0	25.18
	2650	41190		1	0	25.82
				1	49	25.96
				24	12	25.15
				50	0	25.24
16QAM	2540	40090	10	1	0	25.15
				1	49	25.06
				24	12	24.36
				50	0	24.62
	2593	40620		1	0	24.93
				1	49	25.00
				24	12	24.16
				50	0	24.24
	2650	41190		1	0	25.02
				1	49	24.81
				24	12	24.34
				50	0	24.31
64QAM	2540	40090	10	1	0	25.03
				1	49	24.93
				24	12	24.55
				50	0	24.50
	2593	40620		1	0	24.79
				1	49	24.69
				24	12	24.25
				50	0	24.23
	2650	41190		1	0	24.72
				1	49	24.77
				24	12	24.19
				50	0	24.27

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)
QPSK	2542.5	40115	15	1	0	26.00
				1	74	25.96
				40	18	25.57
				75	0	25.48
	2593	40620		1	0	25.76
				1	74	25.82
				40	18	25.26
				75	0	25.45
	2647.5	41165		1	0	25.85
				1	74	25.85
				40	18	25.15
				75	0	25.43
16QAM	2542.5	40115	15	1	0	25.13
				1	74	25.22
				40	18	24.61
				75	0	24.54
	2593	40620		1	0	25.03
				1	74	24.82
				40	18	24.40
				75	0	24.33
	2647.5	41165		1	0	25.05
				1	74	24.86
				40	18	24.20
				75	0	24.29
64QAM	2542.5	40115	15	1	0	25.08
				1	74	25.15
				40	18	24.46
				75	0	24.66
	2593	40620		1	0	24.91
				1	74	24.79
				40	18	24.35
				75	0	24.41
	2647.5	41165		1	0	24.97
				1	74	24.76
				40	18	24.13
				75	0	24.49

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)
QPSK	2545	40140	20	1	0	26.25
				1	99	26.17
				50	25	25.71
				100	0	25.73
	2593	40620		1	0	26.04
				1	99	25.99
				50	25	25.48
				100	0	25.57
	2645	41140		1	0	25.96
				1	99	26.14
				50	25	25.44
				100	0	25.58
16QAM	2545	40140	20	1	0	25.42
				1	99	25.37
				50	25	24.73
				100	0	24.77
	2593	40620		1	0	25.20
				1	99	25.11
				50	25	24.52
				100	0	24.56
	2645	41140		1	0	25.18
				1	99	25.07
				50	25	24.47
				100	0	24.57
64QAM	2545	40140	20	1	0	25.35
				1	99	25.27
				50	25	24.69
				100	0	24.81
	2593	40620		1	0	25.14
				1	99	25.01
				50	25	24.46
				100	0	24.60
	2645	41140		1	0	25.11
				1	99	25.04
				50	25	24.41
				100	0	24.62

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	
41	2498.5	39675	5	25	0	4.4818	Fig.1	4.4755	Fig.2	4.4651	Fig.3
	2593	40620		25	0	4.4803	Fig.4	4.4764	Fig.5	4.4670	Fig.6
	2687.5	41565		25	0	4.4774	Fig.7	4.4681	Fig.8	4.4550	Fig.9
	2501	39700	10	50	0	8.9600	Fig.10	8.9342	Fig.11	8.9616	Fig.12
	2593	40620		50	0	8.9497	Fig.13	8.9321	Fig.14	8.9670	Fig.15
	2685	41540		50	0	8.9583	Fig.16	8.9510	Fig.17	8.9728	Fig.18
	2503.5	39725	15	75	0	13.441	Fig.19	13.441	Fig.20	13.415	Fig.21
	2593	40620		75	0	13.473	Fig.22	13.425	Fig.23	13.450	Fig.24
	2682.5	41515		75	0	13.414	Fig.25	13.417	Fig.26	13.414	Fig.27
	2506	39750	20	100	0	17.841	Fig.28	17.840	Fig.29	17.885	Fig.30
	2593	40620		100	0	17.894	Fig.31	17.953	Fig.32	17.927	Fig.33
	2680	41490		100	0	17.843	Fig.34	17.854	Fig.35	17.823	Fig.36

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)					
						QPSK		16-QAM		64-QAM	
41	2498.5	39675	5	25	0	4.4818	Fig.1	4.4755	Fig.2	4.4651	Fig.3
	2593	40620		25	0	4.4803	Fig.4	4.4764	Fig.5	4.4670	Fig.6
	2687.5	41565		25	0	4.4774	Fig.7	4.4681	Fig.8	4.4550	Fig.9
	2501	39700	10	50	0	8.9600	Fig.10	8.9342	Fig.11	8.9616	Fig.12
	2593	40620		50	0	8.9497	Fig.13	8.9321	Fig.14	8.9670	Fig.15
	2685	41540		50	0	8.9583	Fig.16	8.9510	Fig.17	8.9728	Fig.18
	2503.5	39725	15	75	0	13.441	Fig.19	13.441	Fig.20	13.415	Fig.21
	2593	40620		75	0	13.473	Fig.22	13.425	Fig.23	13.450	Fig.24
	2682.5	41515		75	0	13.414	Fig.25	13.417	Fig.26	13.414	Fig.27
	2506	39750	20	100	0	17.841	Fig.28	17.840	Fig.29	17.885	Fig.30
	2593	40620		100	0	17.894	Fig.31	17.953	Fig.32	17.927	Fig.33
	2680	41490		100	0	17.843	Fig.34	17.854	Fig.35	17.823	Fig.36

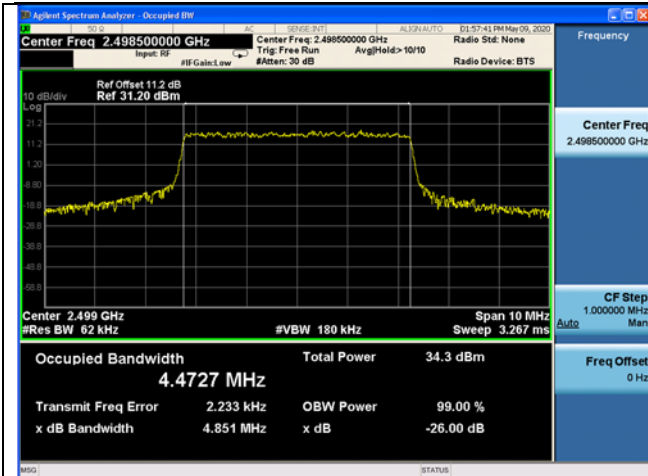


Fig.1

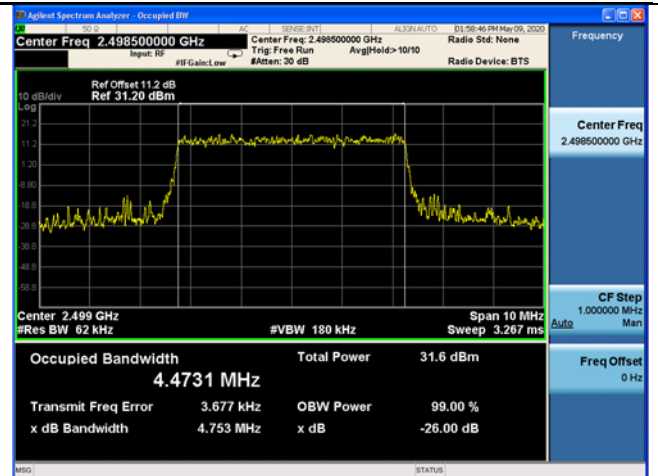


Fig.2

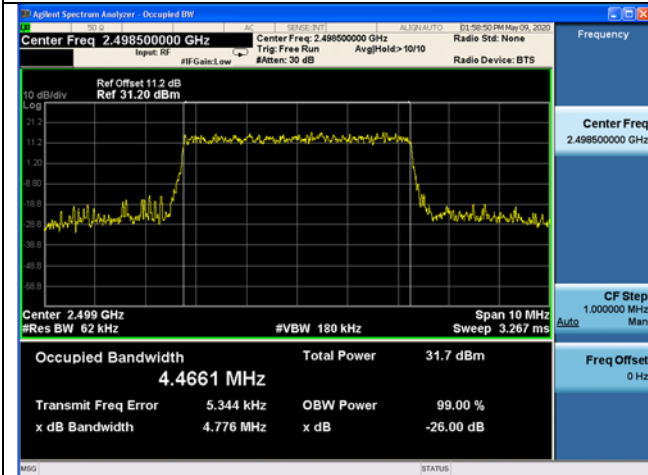


Fig.3

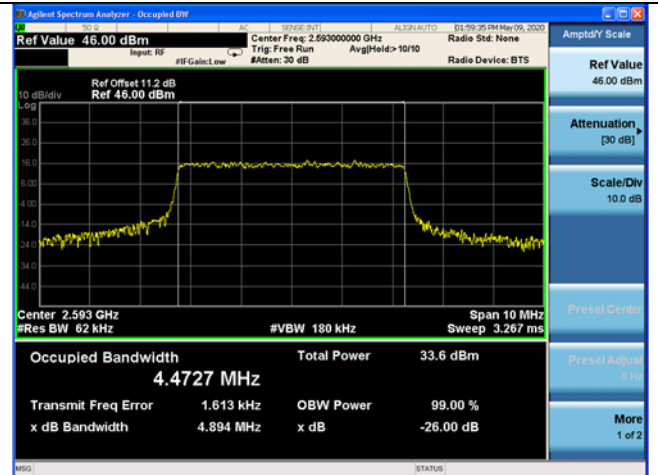


Fig.4

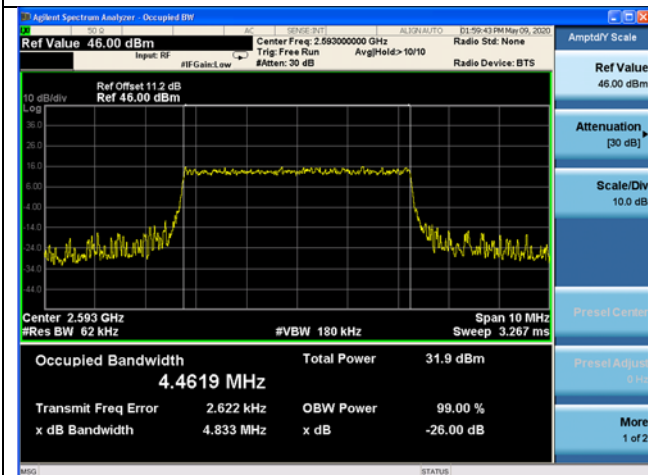


Fig.5

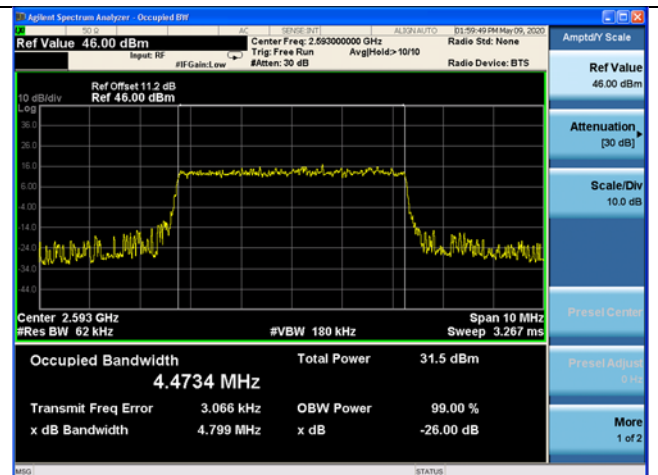


Fig.6

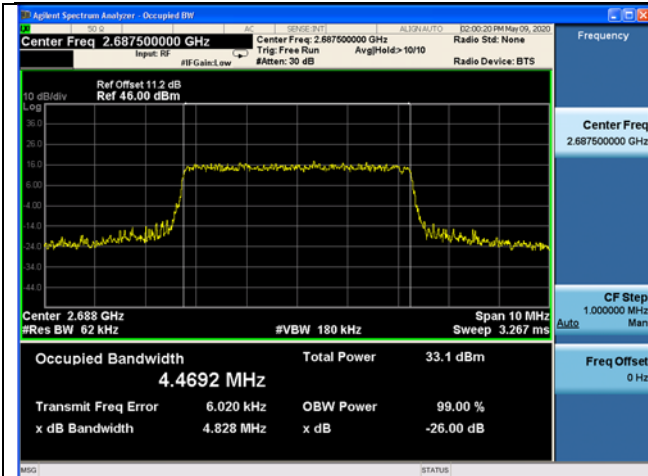


Fig.7

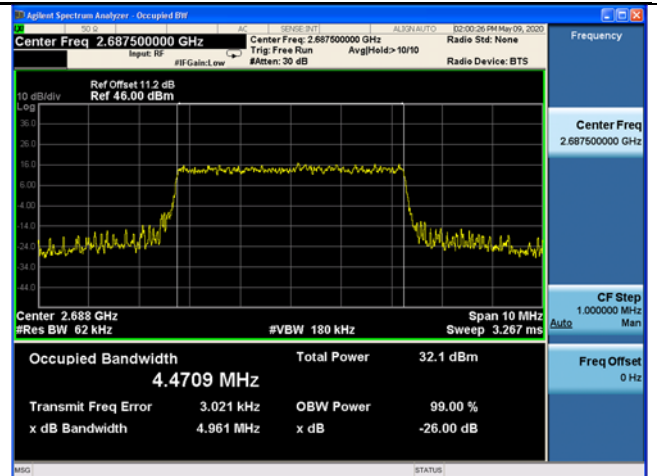


Fig.8

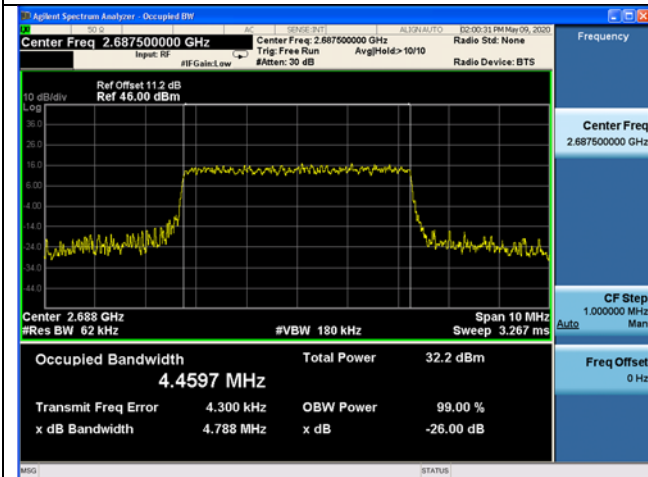


Fig.9

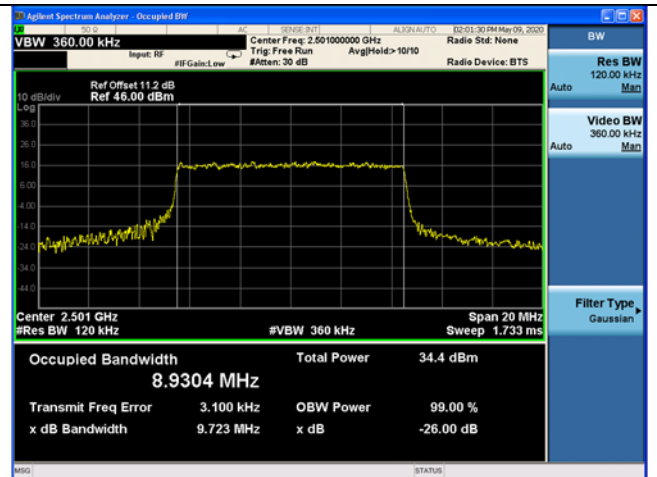


Fig.10

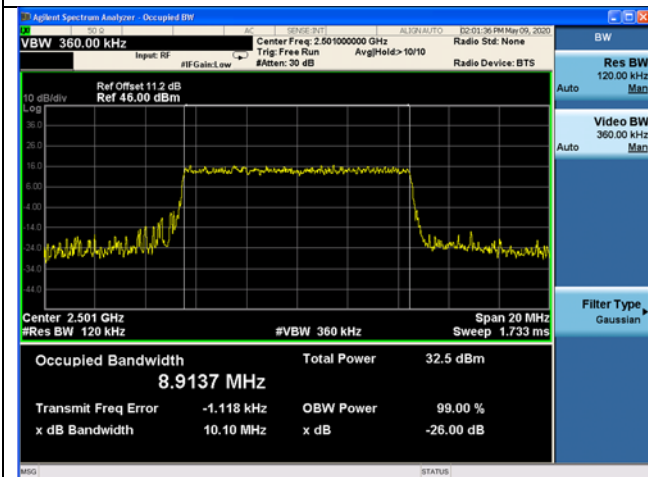


Fig.11

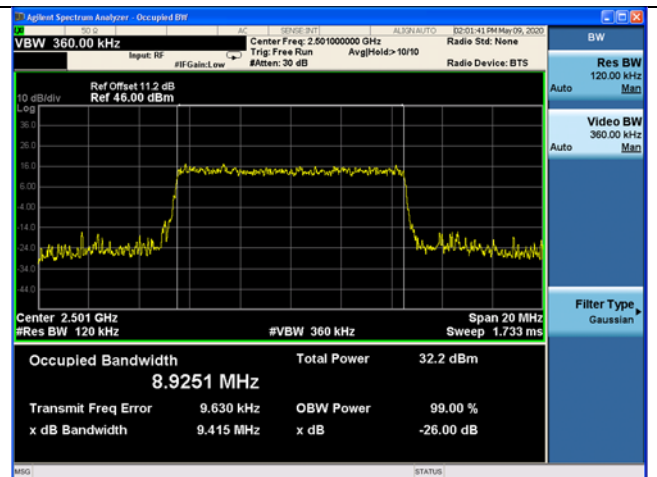


Fig.12

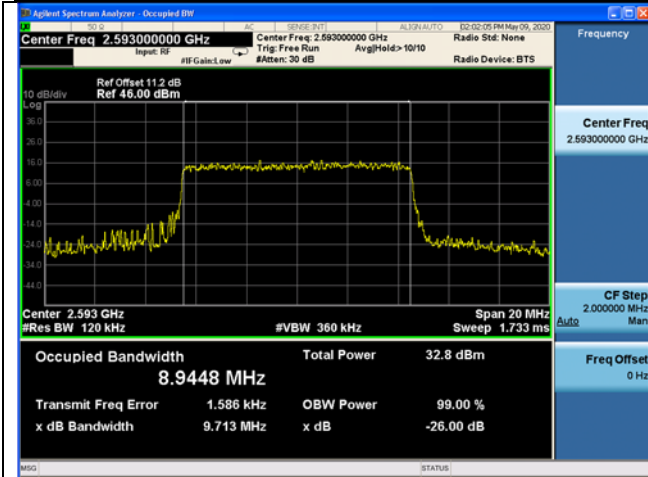


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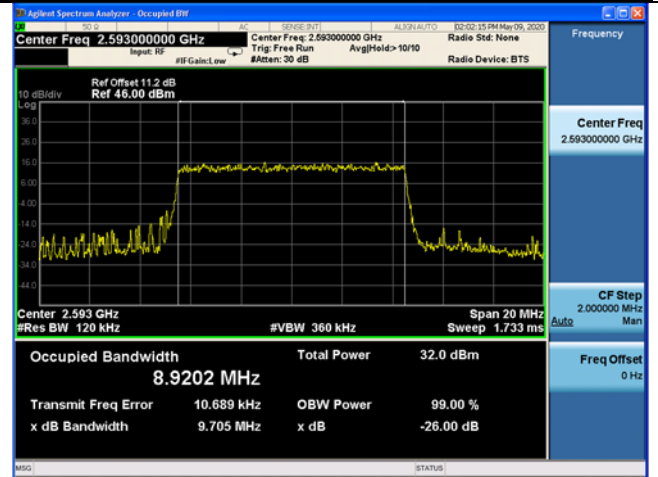


Fig.14

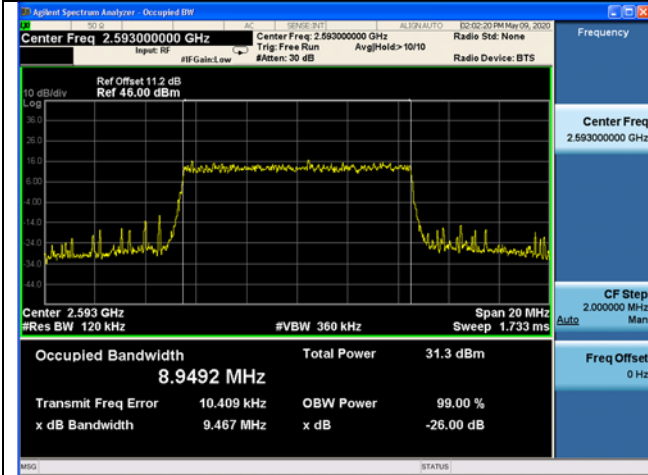


Fig.15

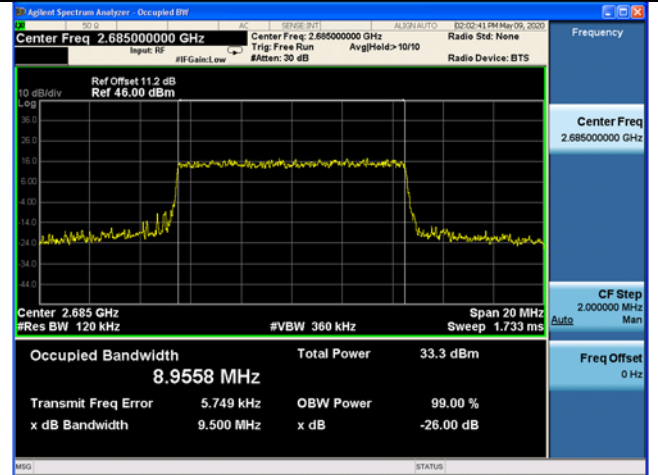


Fig.16

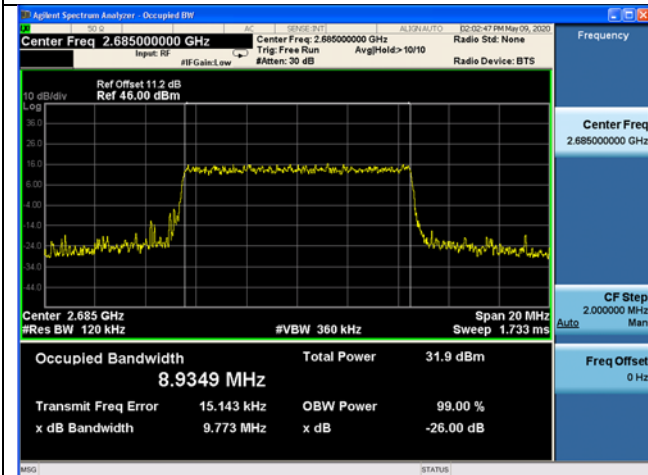


Fig.17

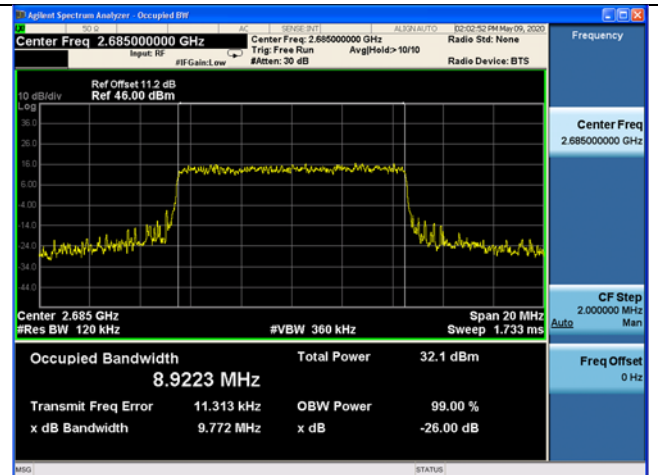


Fig.18

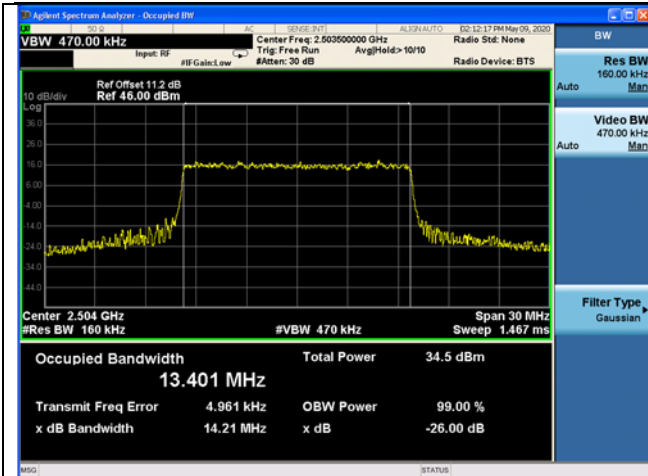


Fig.19

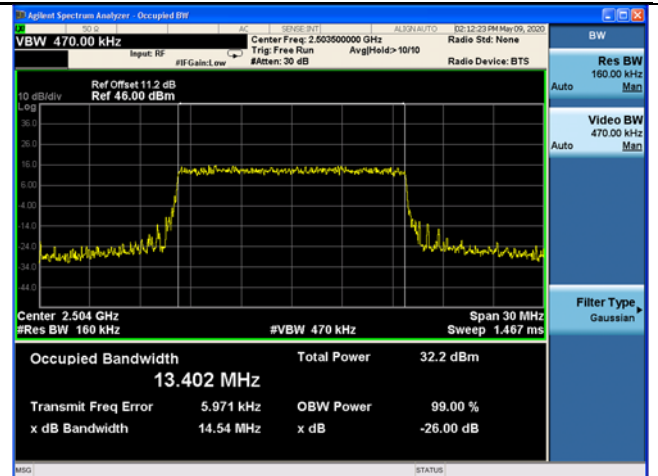


Fig.20

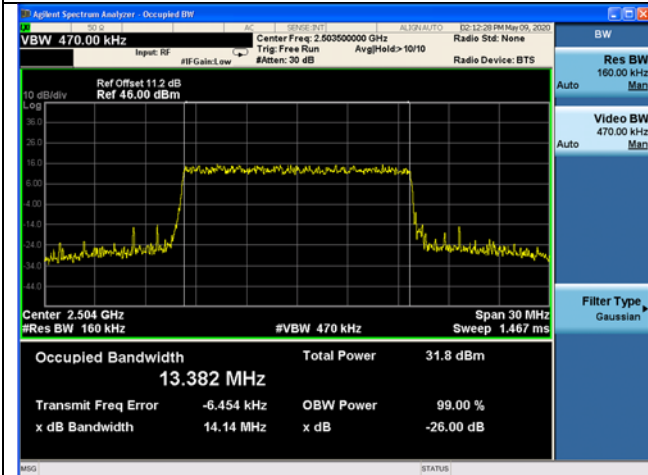


Fig.21

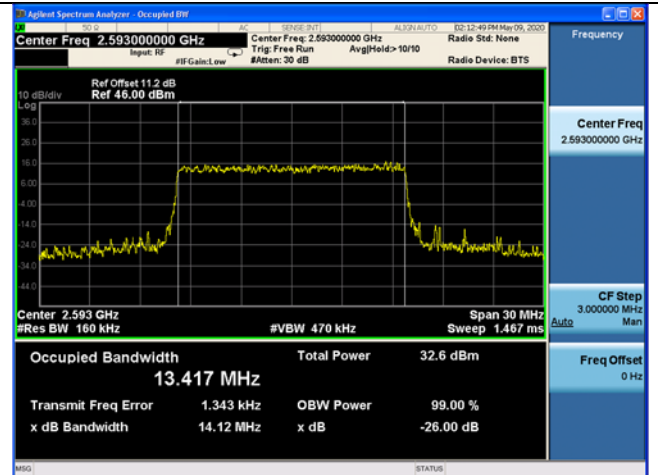


Fig.22

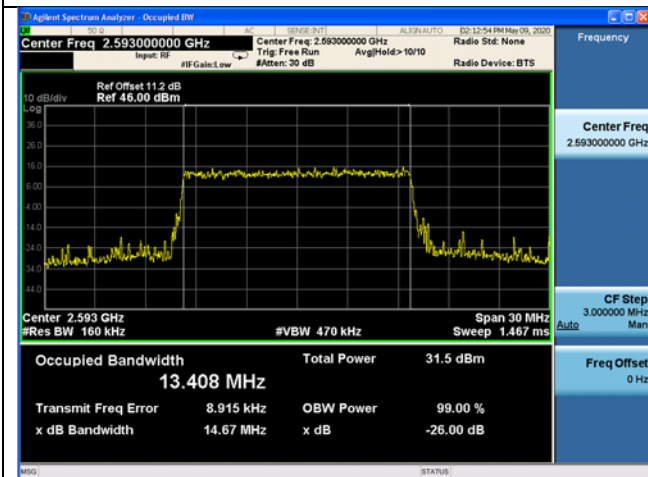


Fig.23

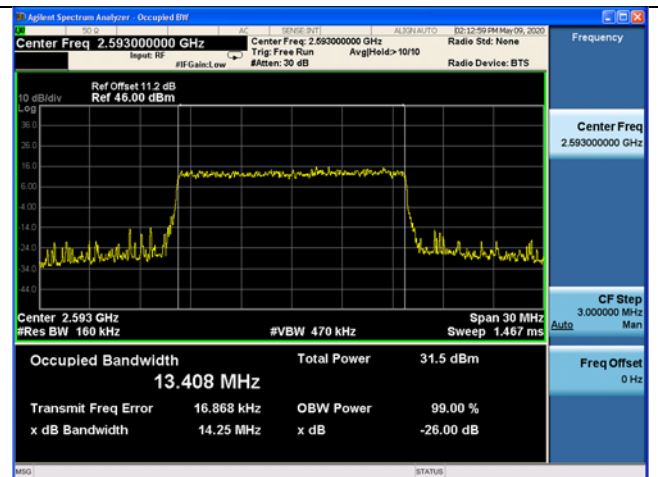


Fig.24

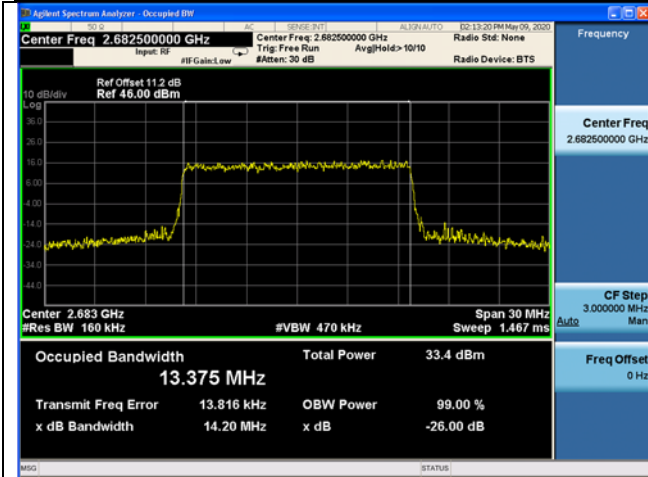


Fig.25

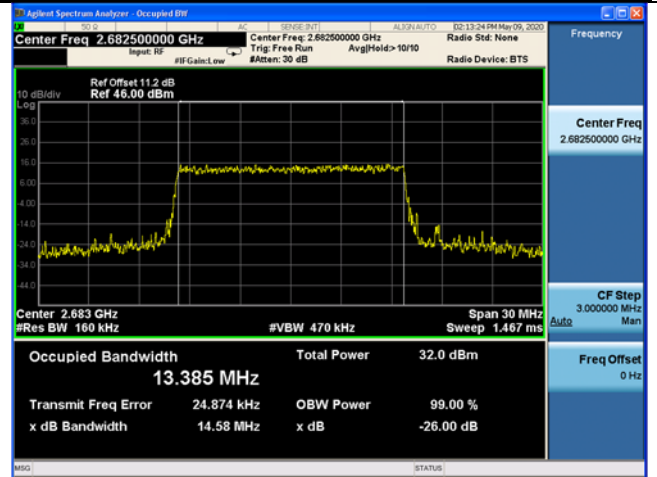


Fig.26

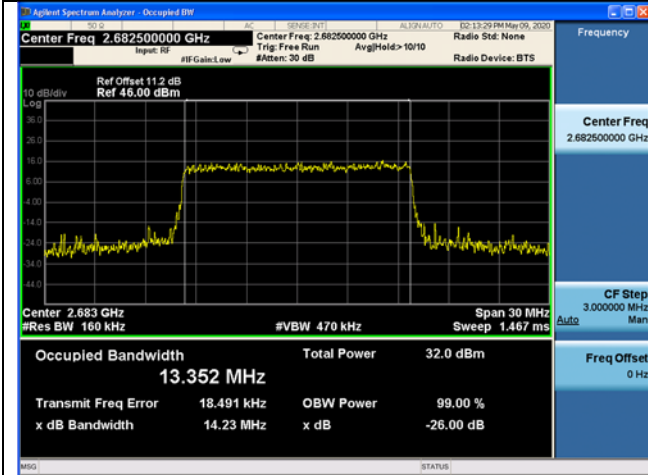


Fig.27

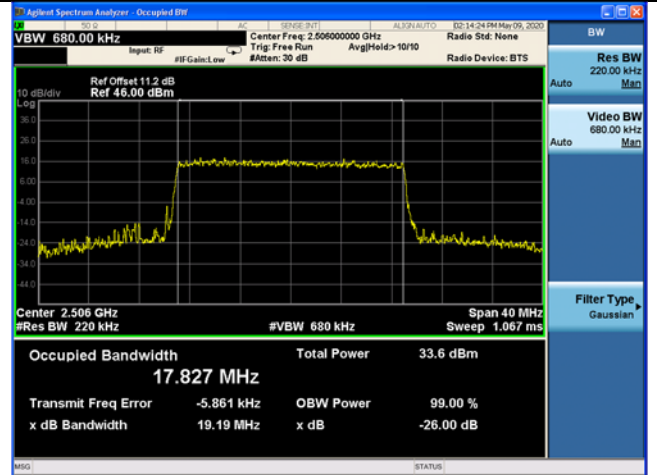


Fig.28

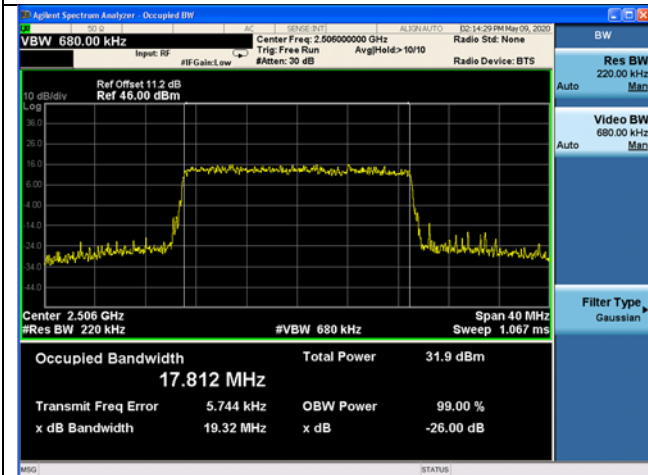


Fig.29

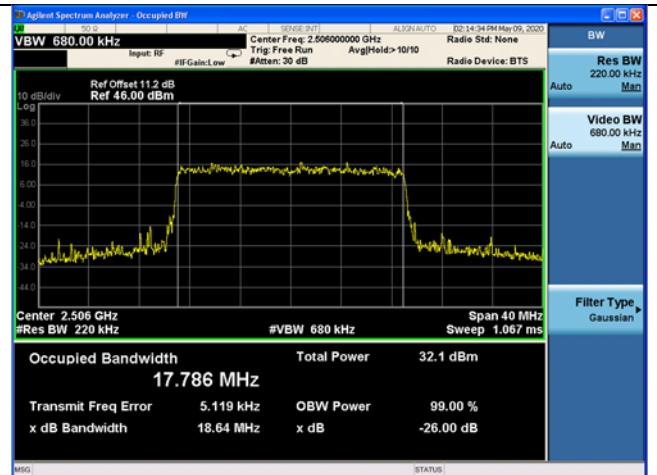


Fig.30

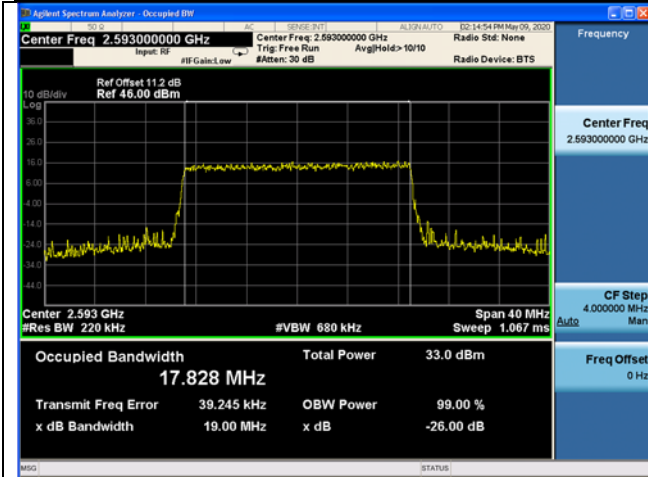


Fig.31

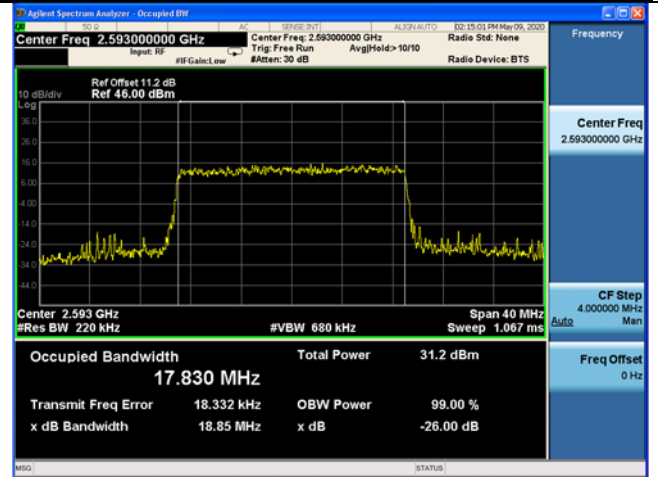


Fig.32

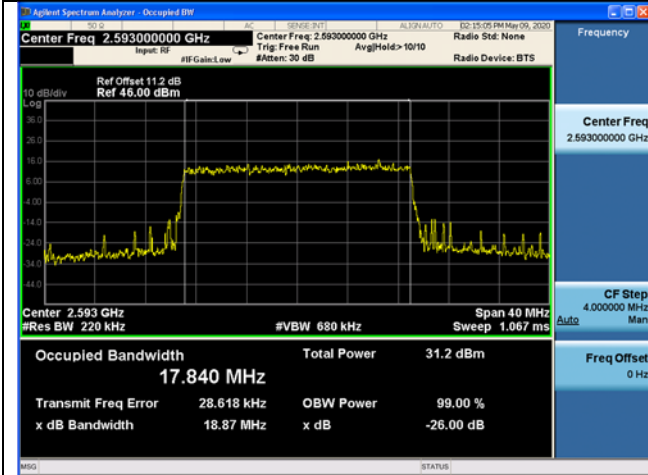


Fig.33

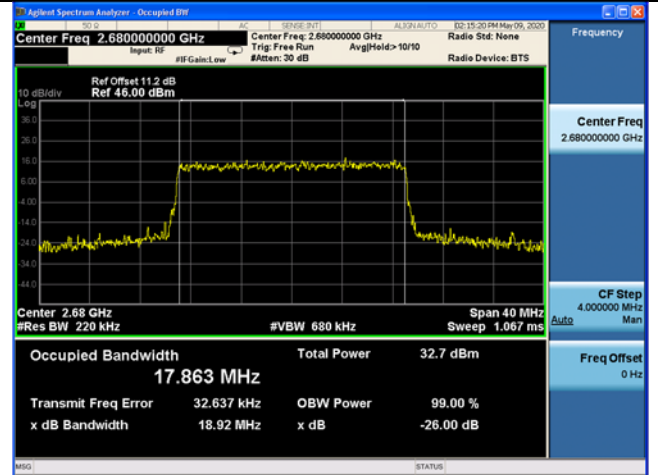


Fig.34

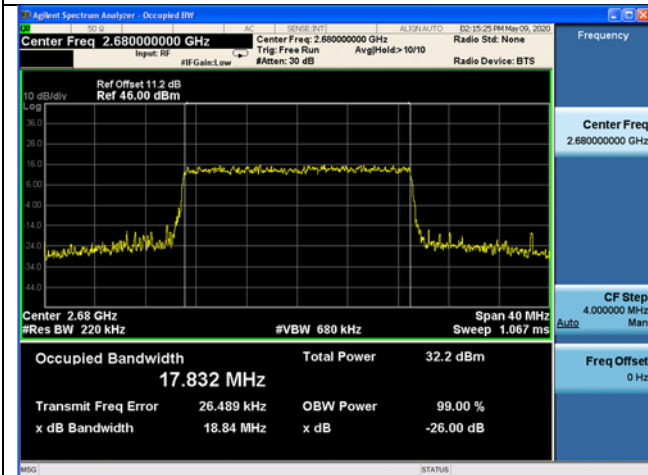


Fig.35

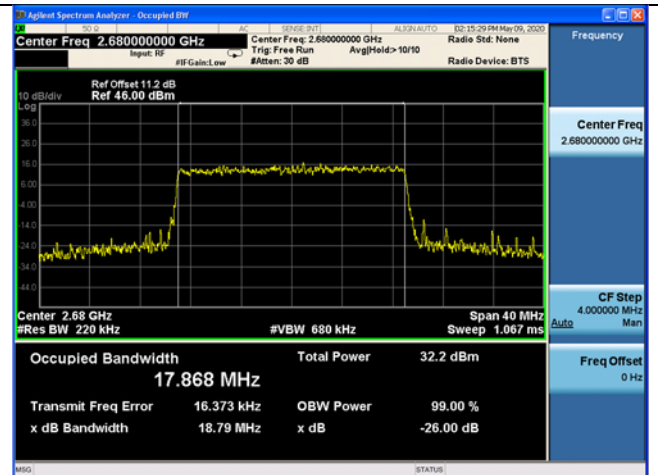


Fig.36

3 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
41	2593	40620	5	1	0	Fig.1	Fig.2	Fig.3
			10	1	0	Fig.4	Fig.5	Fig.6
			15	1	0	Fig.7	Fig.8	Fig.9
			20	1	0	Fig.10	Fig.11	Fig.12

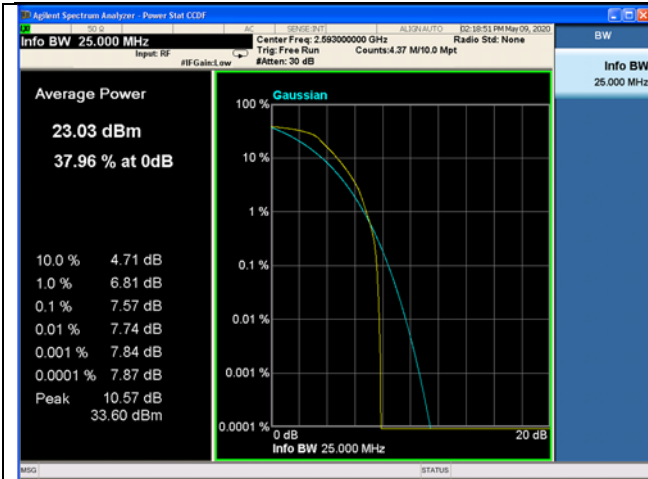


Fig.1

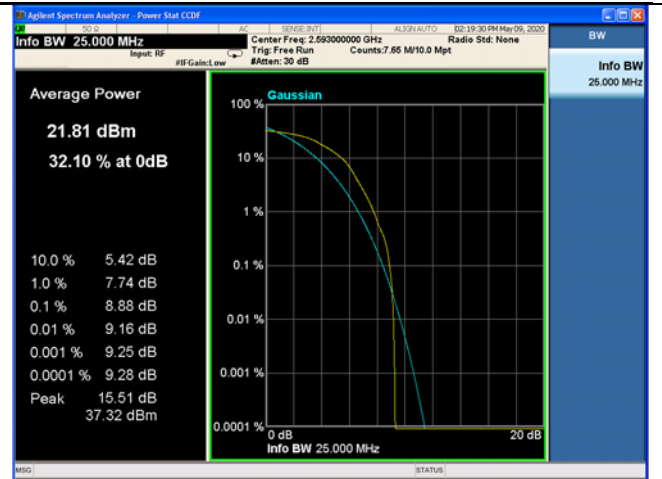


Fig.2

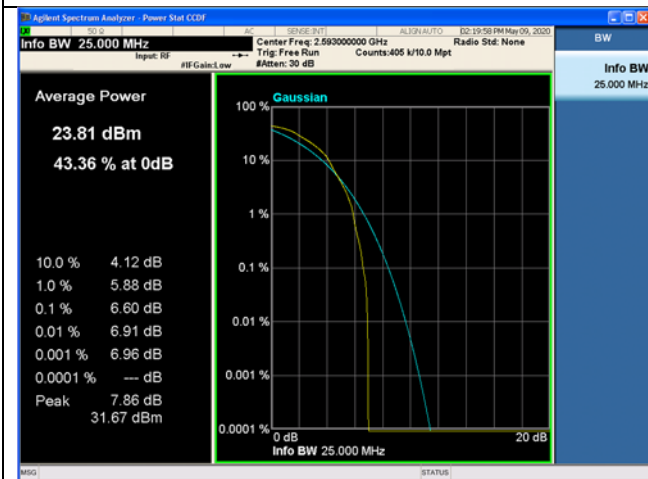


Fig.3

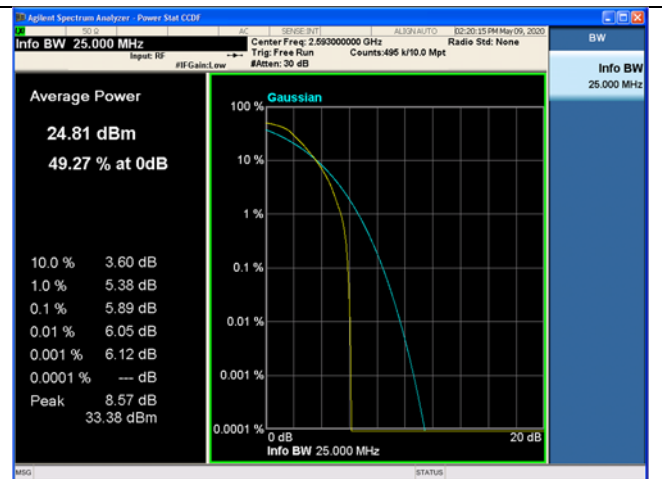


Fig.4

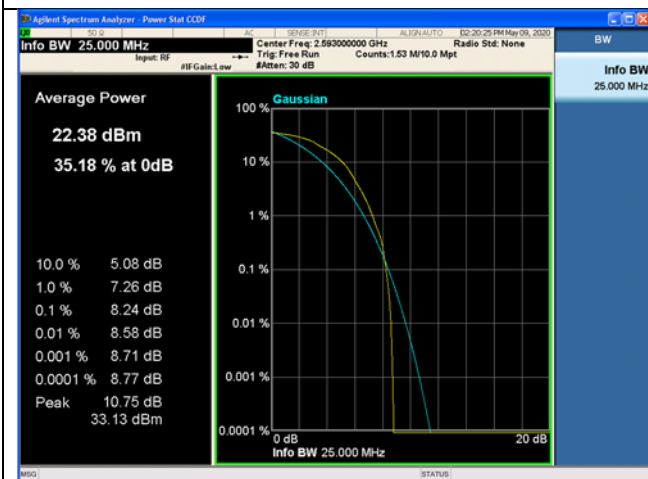


Fig.5

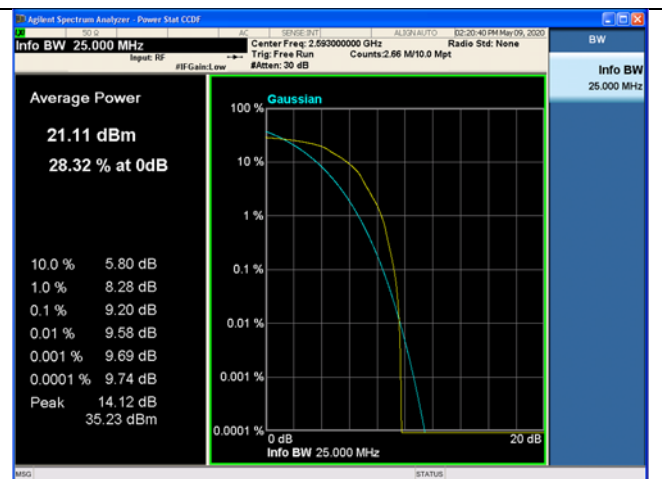


Fig.6