

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 power (dBm)
16QAM	2498.5	39675	5	1	0	21.84
16QAM	2498.5	39675	5	1	12	21.87
16QAM	2498.5	39675	5	1	24	21.92
16QAM	2498.5	39675	5	12	0	20.44
16QAM	2498.5	39675	5	12	7	20.48
16QAM	2498.5	39675	5	12	13	20.48
16QAM	2498.5	39675	5	25	0	20.42
16QAM	2593	40620	5	1	0	23.53
16QAM	2593	40620	5	1	12	23.37
16QAM	2593	40620	5	1	24	23.59
16QAM	2593	40620	5	12	0	22.16
16QAM	2593	40620	5	12	7	22.21
16QAM	2593	40620	5	12	13	22.05
16QAM	2593	40620	5	25	0	22.23
16QAM	2687.5	41565	5	1	0	21.90
16QAM	2687.5	41565	5	1	12	21.51
16QAM	2687.5	41565	5	1	24	21.90
16QAM	2687.5	41565	5	12	0	20.45
16QAM	2687.5	41565	5	12	7	20.57
16QAM	2687.5	41565	5	12	13	20.53
16QAM	2687.5	41565	5	25	0	20.53
64QAM	2498.5	39675	5	1	0	20.83
64QAM	2498.5	39675	5	1	12	20.68
64QAM	2498.5	39675	5	1	24	20.90
64QAM	2498.5	39675	5	12	0	19.38
64QAM	2498.5	39675	5	12	7	19.37
64QAM	2498.5	39675	5	12	13	19.43
64QAM	2498.5	39675	5	25	0	19.45
64QAM	2593	40620	5	1	0	22.40
64QAM	2593	40620	5	1	12	22.46
64QAM	2593	40620	5	1	24	22.42
64QAM	2593	40620	5	12	0	21.12
64QAM	2593	40620	5	12	7	21.19
64QAM	2593	40620	5	12	13	21.02
64QAM	2593	40620	5	25	0	21.14
64QAM	2687.5	41565	5	1	0	20.85
64QAM	2687.5	41565	5	1	12	21.03
64QAM	2687.5	41565	5	1	24	20.94
64QAM	2687.5	41565	5	12	0	19.62
64QAM	2687.5	41565	5	12	7	19.66
64QAM	2687.5	41565	5	12	13	19.52
64QAM	2687.5	41565	5	25	0	19.44

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2498.5	39675	5	1	0	22.31
QPSK	2498.5	39675	5	1	12	22.10
QPSK	2498.5	39675	5	1	24	22.35
QPSK	2498.5	39675	5	12	0	21.42
QPSK	2498.5	39675	5	12	7	21.37
QPSK	2498.5	39675	5	12	13	21.41
QPSK	2498.5	39675	5	25	0	21.39
QPSK	2593	40620	5	1	0	23.04
QPSK	2593	40620	5	1	12	23.02
QPSK	2593	40620	5	1	24	23.18
QPSK	2593	40620	5	12	0	23.01
QPSK	2593	40620	5	12	7	23.08
QPSK	2593	40620	5	12	13	23.02
QPSK	2593	40620	5	25	0	23.08
QPSK	2687.5	41565	5	1	0	22.44
QPSK	2687.5	41565	5	1	12	22.39
QPSK	2687.5	41565	5	1	24	22.54
QPSK	2687.5	41565	5	12	0	21.45
QPSK	2687.5	41565	5	12	7	21.51
QPSK	2687.5	41565	5	12	13	21.41
QPSK	2687.5	41565	5	25	0	21.51

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2501	39700	10	1	0	21.64
16QAM	2501	39700	10	1	25	21.65
16QAM	2501	39700	10	1	49	21.86
16QAM	2501	39700	10	25	0	20.47
16QAM	2501	39700	10	25	12	20.34
16QAM	2501	39700	10	25	25	20.36
16QAM	2501	39700	10	50	0	20.41
16QAM	2593	40620	10	1	0	23.22
16QAM	2593	40620	10	1	25	23.27
16QAM	2593	40620	10	1	49	23.28
16QAM	2593	40620	10	25	0	22.01
16QAM	2593	40620	10	25	12	22.07
16QAM	2593	40620	10	25	25	22.12
16QAM	2593	40620	10	50	0	22.10
16QAM	2685	41540	10	1	0	21.71
16QAM	2685	41540	10	1	25	21.69
16QAM	2685	41540	10	1	49	21.56
16QAM	2685	41540	10	25	0	20.55
16QAM	2685	41540	10	25	12	20.53
16QAM	2685	41540	10	25	25	20.48
16QAM	2685	41540	10	50	0	20.63
64QAM	2501	39700	10	1	0	20.91
64QAM	2501	39700	10	1	25	20.87
64QAM	2501	39700	10	1	49	20.89
64QAM	2501	39700	10	25	0	19.36
64QAM	2501	39700	10	25	12	19.46
64QAM	2501	39700	10	25	25	19.23
64QAM	2501	39700	10	50	0	19.41
64QAM	2593	40620	10	1	0	22.01
64QAM	2593	40620	10	1	25	21.93
64QAM	2593	40620	10	1	49	22.07
64QAM	2593	40620	10	25	0	20.98
64QAM	2593	40620	10	25	12	21.13
64QAM	2593	40620	10	25	25	21.09
64QAM	2593	40620	10	50	0	21.13
64QAM	2685	41540	10	1	0	20.42
64QAM	2685	41540	10	1	25	20.17
64QAM	2685	41540	10	1	49	20.22
64QAM	2685	41540	10	25	0	19.56
64QAM	2685	41540	10	25	12	19.56
64QAM	2685	41540	10	25	25	19.57
64QAM	2685	41540	10	50	0	19.52

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2501	39700	10	1	0	22.34
QPSK	2501	39700	10	1	25	22.29
QPSK	2501	39700	10	1	49	22.32
QPSK	2501	39700	10	25	0	21.43
QPSK	2501	39700	10	25	12	21.38
QPSK	2501	39700	10	25	25	21.36
QPSK	2501	39700	10	50	0	21.30
QPSK	2593	40620	10	1	0	22.91
QPSK	2593	40620	10	1	25	22.91
QPSK	2593	40620	10	1	49	22.92
QPSK	2593	40620	10	25	0	23.08
QPSK	2593	40620	10	25	12	23.11
QPSK	2593	40620	10	25	25	23.07
QPSK	2593	40620	10	50	0	23.09
QPSK	2685	41540	10	1	0	22.46
QPSK	2685	41540	10	1	25	22.50
QPSK	2685	41540	10	1	49	22.46
QPSK	2685	41540	10	25	0	21.43
QPSK	2685	41540	10	25	12	21.57
QPSK	2685	41540	10	25	25	21.54
QPSK	2685	41540	10	50	0	21.54

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2503.5	39725	15	1	0	21.49
16QAM	2503.5	39725	15	1	37	21.41
16QAM	2503.5	39725	15	1	74	21.53
16QAM	2503.5	39725	15	36	0	20.26
16QAM	2503.5	39725	15	36	29	20.25
16QAM	2503.5	39725	15	36	30	20.34
16QAM	2503.5	39725	15	75	0	20.27
16QAM	2593	40620	15	1	0	23.06
16QAM	2593	40620	15	1	37	23.11
16QAM	2593	40620	15	1	74	23.19
16QAM	2593	40620	15	36	0	21.97
16QAM	2593	40620	15	36	29	21.95
16QAM	2593	40620	15	36	30	21.99
16QAM	2593	40620	15	75	0	21.90
16QAM	2682.5	41515	15	1	0	21.68
16QAM	2682.5	41515	15	1	37	21.12
16QAM	2682.5	41515	15	1	74	21.44
16QAM	2682.5	41515	15	36	0	20.45
16QAM	2682.5	41515	15	36	29	20.48
16QAM	2682.5	41515	15	36	30	20.39
16QAM	2682.5	41515	15	75	0	20.39
64QAM	2503.5	39725	15	1	0	20.68
64QAM	2503.5	39725	15	1	37	20.72
64QAM	2503.5	39725	15	1	74	20.72
64QAM	2503.5	39725	15	36	0	19.28
64QAM	2503.5	39725	15	36	29	19.33
64QAM	2503.5	39725	15	36	30	19.15
64QAM	2503.5	39725	15	75	0	19.36
64QAM	2593	40620	15	1	0	21.82
64QAM	2593	40620	15	1	37	21.90
64QAM	2593	40620	15	1	74	21.93
64QAM	2593	40620	15	36	0	21.06
64QAM	2593	40620	15	36	29	21.07
64QAM	2593	40620	15	36	30	20.94
64QAM	2593	40620	15	75	0	20.97
64QAM	2682.5	41515	15	1	0	20.72
64QAM	2682.5	41515	15	1	37	20.60
64QAM	2682.5	41515	15	1	74	20.56
64QAM	2682.5	41515	15	36	0	19.47
64QAM	2682.5	41515	15	36	29	19.41
64QAM	2682.5	41515	15	36	30	19.39
64QAM	2682.5	41515	15	75	0	19.50

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2503.5	39725	15	1	0	22.08
QPSK	2503.5	39725	15	1	37	22.06
QPSK	2503.5	39725	15	1	74	22.21
QPSK	2503.5	39725	15	36	0	21.16
QPSK	2503.5	39725	15	36	29	21.21
QPSK	2503.5	39725	15	36	30	21.19
QPSK	2503.5	39725	15	75	0	21.33
QPSK	2593	40620	15	1	0	22.72
QPSK	2593	40620	15	1	37	22.70
QPSK	2593	40620	15	1	74	22.86
QPSK	2593	40620	15	36	0	22.91
QPSK	2593	40620	15	36	29	22.98
QPSK	2593	40620	15	36	30	22.97
QPSK	2593	40620	15	75	0	22.84
QPSK	2682.5	41515	15	1	0	22.34
QPSK	2682.5	41515	15	1	37	22.25
QPSK	2682.5	41515	15	1	74	22.22
QPSK	2682.5	41515	15	36	0	21.47
QPSK	2682.5	41515	15	36	29	21.40
QPSK	2682.5	41515	15	36	30	21.41
QPSK	2682.5	41515	15	75	0	21.41

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2506	39750	20	1	0	21.61
16QAM	2506	39750	20	1	49	21.61
16QAM	2506	39750	20	1	99	21.75
16QAM	2506	39750	20	50	0	20.46
16QAM	2506	39750	20	50	24	20.50
16QAM	2506	39750	20	50	50	20.48
16QAM	2506	39750	20	100	0	20.50
16QAM	2593	40620	20	1	0	23.10
16QAM	2593	40620	20	1	49	23.15
16QAM	2593	40620	20	1	99	23.35
16QAM	2593	40620	20	50	0	22.21
16QAM	2593	40620	20	50	24	22.22
16QAM	2593	40620	20	50	50	22.29
16QAM	2593	40620	20	100	0	22.25
16QAM	2680	41490	20	1	0	21.60
16QAM	2680	41490	20	1	49	21.40
16QAM	2680	41490	20	1	99	21.41
16QAM	2680	41490	20	50	0	20.65
16QAM	2680	41490	20	50	24	20.69
16QAM	2680	41490	20	50	50	20.58
16QAM	2680	41490	20	100	0	20.59
64QAM	2506	39750	20	1	0	20.37
64QAM	2506	39750	20	1	49	20.49
64QAM	2506	39750	20	1	99	20.52
64QAM	2506	39750	20	50	0	19.48
64QAM	2506	39750	20	50	24	19.48
64QAM	2506	39750	20	50	50	19.49
64QAM	2506	39750	20	100	0	19.53
64QAM	2593	40620	20	1	0	22.06
64QAM	2593	40620	20	1	49	22.23
64QAM	2593	40620	20	1	99	22.22
64QAM	2593	40620	20	50	0	21.27
64QAM	2593	40620	20	50	24	21.31
64QAM	2593	40620	20	50	50	21.28
64QAM	2593	40620	20	100	0	21.26
64QAM	2680	41490	20	1	0	20.91
64QAM	2680	41490	20	1	49	20.79
64QAM	2680	41490	20	1	99	20.76
64QAM	2680	41490	20	50	0	19.74
64QAM	2680	41490	20	50	24	19.71
64QAM	2680	41490	20	50	50	19.58
64QAM	2680	41490	20	100	0	19.67

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2506	39750	20	1	0	22.29
QPSK	2506	39750	20	1	49	22.34
QPSK	2506	39750	20	1	99	22.53
QPSK	2506	39750	20	50	0	21.44
QPSK	2506	39750	20	50	24	21.49
QPSK	2506	39750	20	50	50	21.46
QPSK	2506	39750	20	100	0	21.48
QPSK	2593	40620	20	1	0	22.78
QPSK	2593	40620	20	1	49	22.69
QPSK	2593	40620	20	1	99	22.99
QPSK	2593	40620	20	50	0	22.88
QPSK	2593	40620	20	50	24	22.88
QPSK	2593	40620	20	50	50	22.91
QPSK	2593	40620	20	100	0	22.91
QPSK	2680	41490	20	1	0	22.53
QPSK	2680	41490	20	1	49	22.40
QPSK	2680	41490	20	1	99	22.41
QPSK	2680	41490	20	50	0	21.66
QPSK	2680	41490	20	50	24	21.63
QPSK	2680	41490	20	50	50	21.52
QPSK	2680	41490	20	100	0	21.58

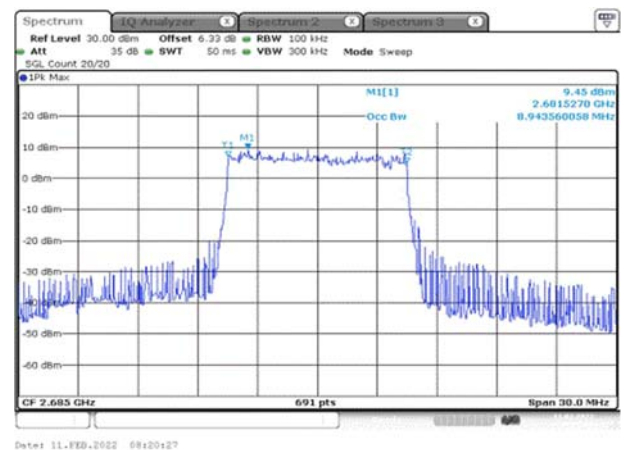
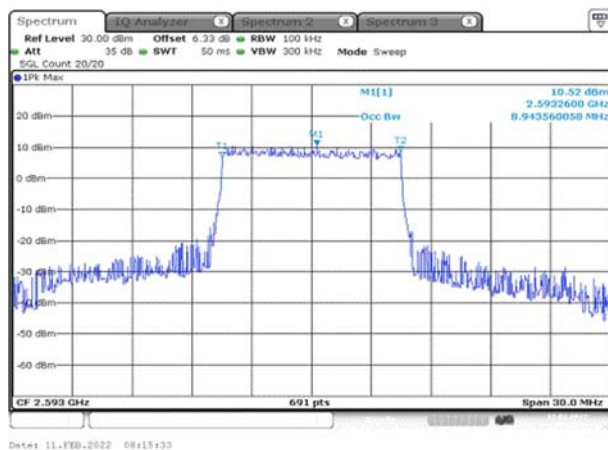
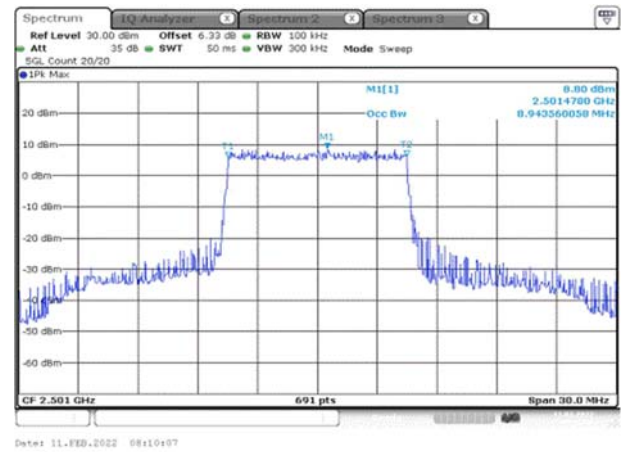
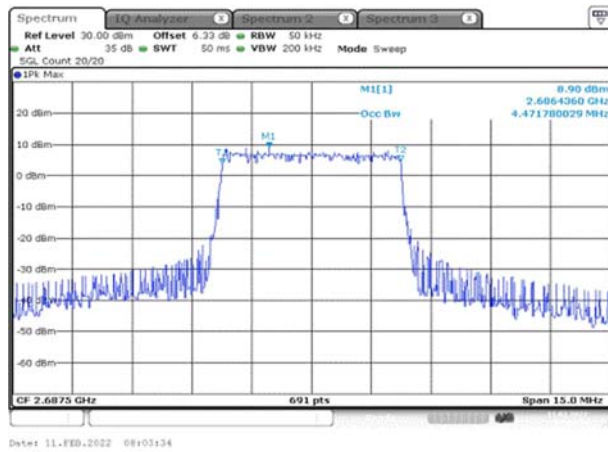
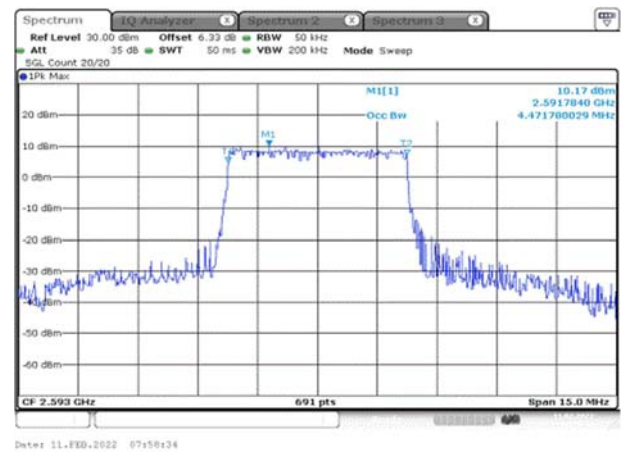
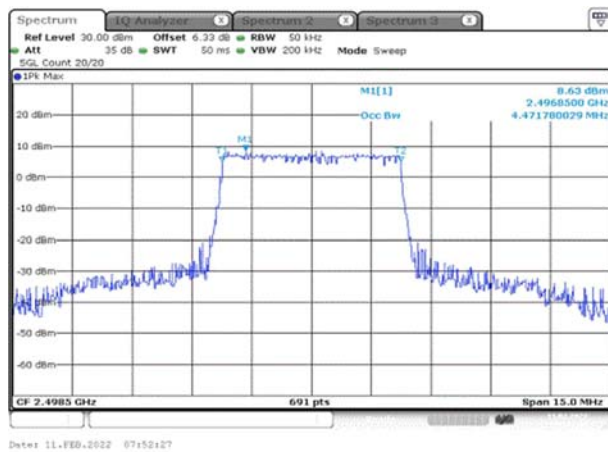
2 Occupied Bandwidth

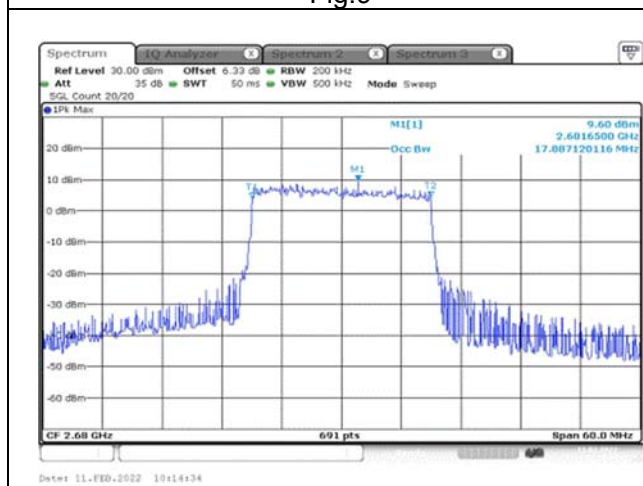
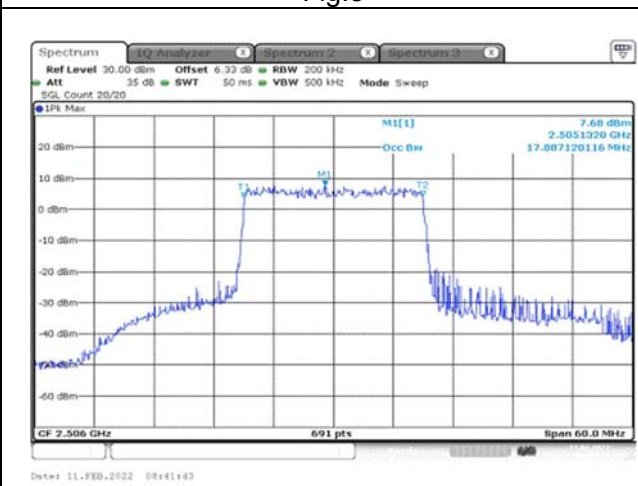
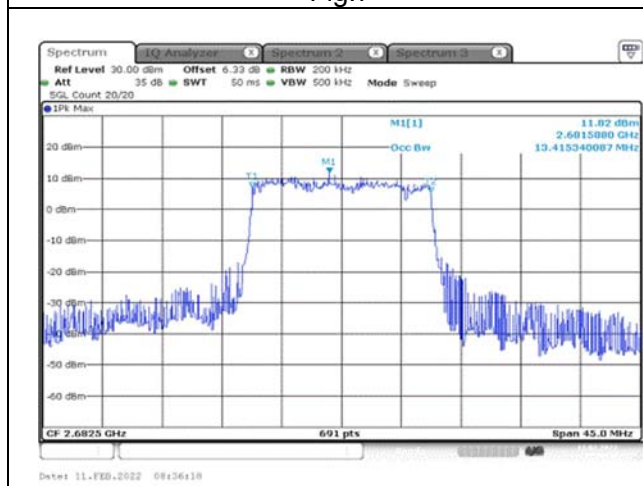
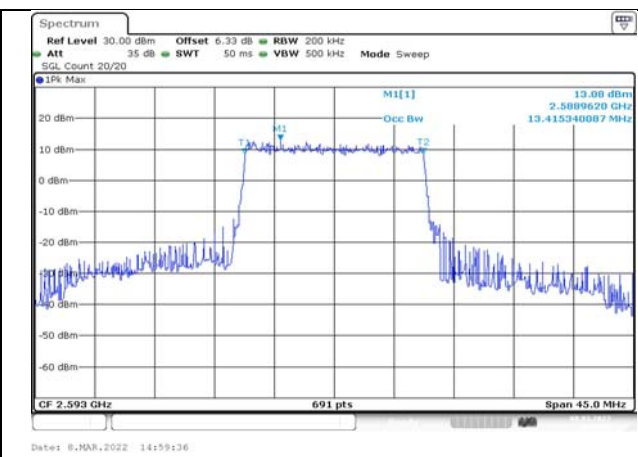
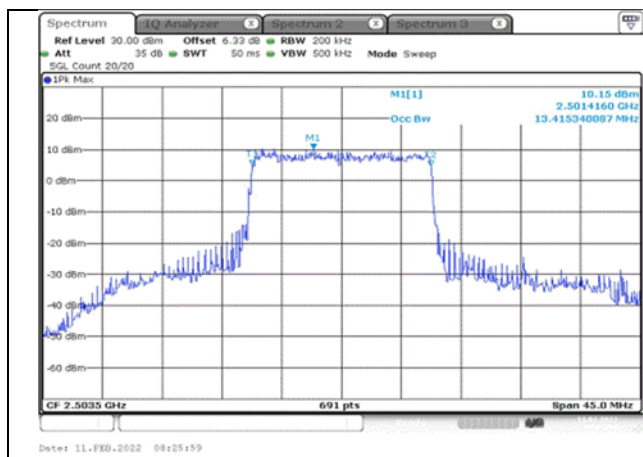
Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
41	QPSK	2498.5	39675	5	25	0	4.472	Fig.1
41	QPSK	2593	40620	5	25	0	4.472	Fig.2
41	QPSK	2687.5	41565	5	25	0	4.472	Fig.3
41	QPSK	2501	39700	10	50	0	8.944	Fig.4
41	QPSK	2593	40620	10	50	0	8.944	Fig.5
41	QPSK	2685	41540	10	50	0	8.944	Fig.6
41	QPSK	2503.5	39725	15	75	0	13.415	Fig.7
41	QPSK	2593	40620	15	75	0	13.415	Fig.8
41	QPSK	2682.5	41515	15	75	0	13.415	Fig.9
41	QPSK	2506	39750	20	100	0	17.887	Fig.10
41	QPSK	2680	41490	20	100	0	17.887	Fig.11

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
41	16QAM	2498.5	39675	5	25	0	4.472	Fig.12
41	16QAM	2593	40620	5	25	0	4.472	Fig.13
41	16QAM	2687.5	41565	5	25	0	4.472	Fig.14
41	16QAM	2501	39700	10	50	0	8.944	Fig.15
41	16QAM	2593	40620	10	50	0	8.944	Fig.16
41	16QAM	2685	41540	10	50	0	8.944	Fig.17
41	16QAM	2503.5	39725	15	75	0	13.480	Fig.18
41	16QAM	2593	40620	15	75	0	13.415	Fig.19
41	16QAM	2682.5	41515	15	75	0	13.480	Fig.20
41	16QAM	2506	39750	20	100	0	17.887	Fig.21
41	16QAM	2680	41490	20	100	0	17.800	Fig.22

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
41	64QAM	2498.5	39675	5	25	0	4.472	Fig.23
41	64QAM	2593	40620	5	25	0	4.472	Fig.24
41	64QAM	2687.5	41565	5	25	0	4.472	Fig.25
41	64QAM	2501	39700	10	50	0	8.944	Fig.26
41	64QAM	2593	40620	10	50	0	8.944	Fig.27
41	64QAM	2685	41540	10	50	0	8.944	Fig.28
41	64QAM	2503.5	39725	15	75	0	13.415	Fig.29
41	64QAM	2593	40620	15	75	0	13.415	Fig.30
41	64QAM	2682.5	41515	15	75	0	13.480	Fig.31
41	64QAM	2506	39750	20	100	0	17.974	Fig.32
41	64QAM	2680	41490	20	100	0	17.887	Fig.33

Test Mode: QPSK





Test Mode: 16QAM

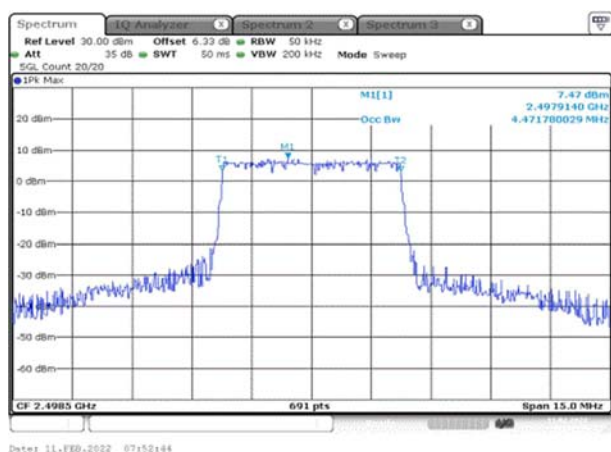


Fig.12

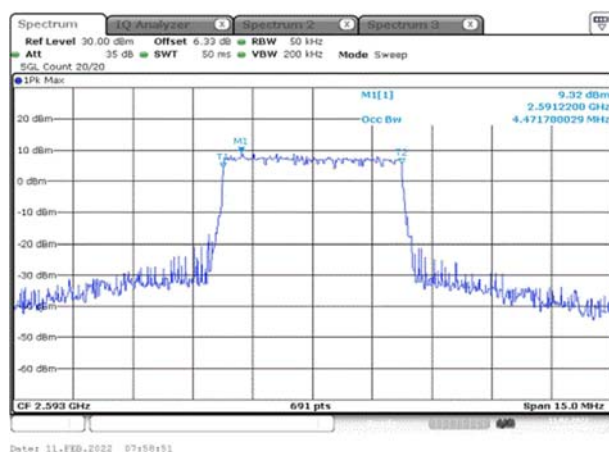


Fig.13

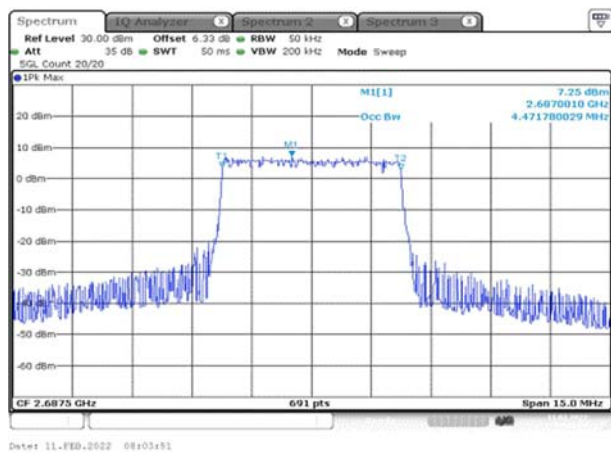


Fig.14

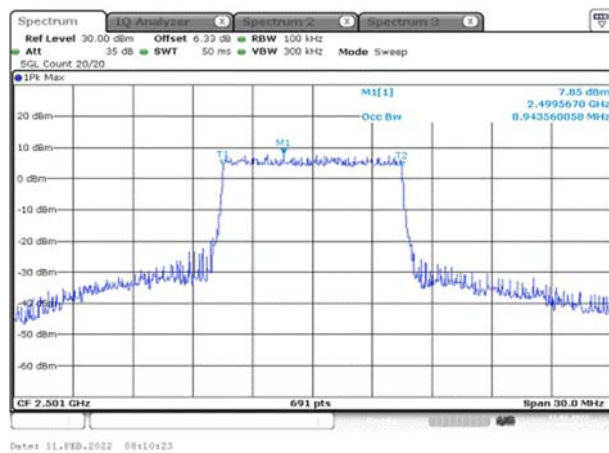


Fig.15

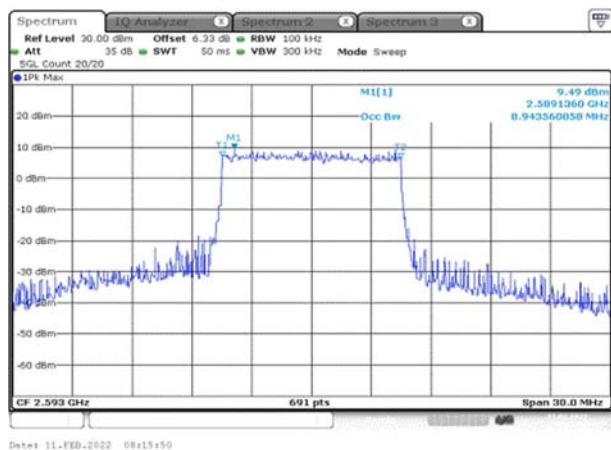


Fig.16

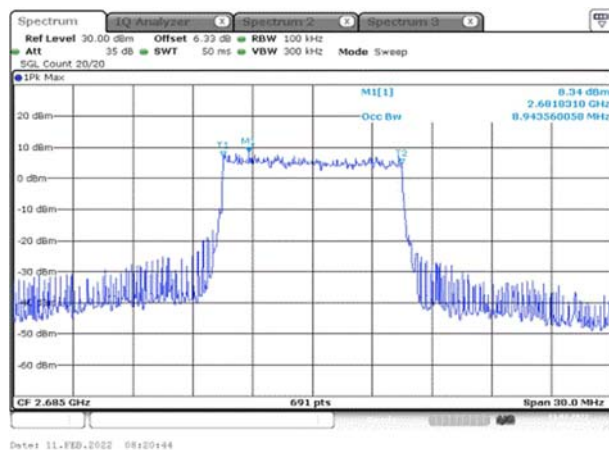


Fig.17

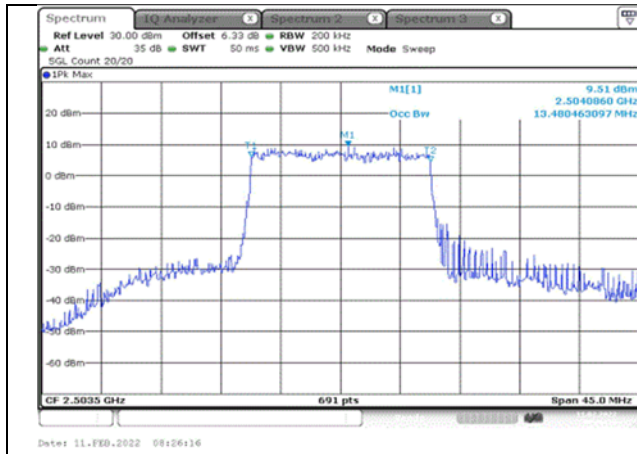


Fig.18

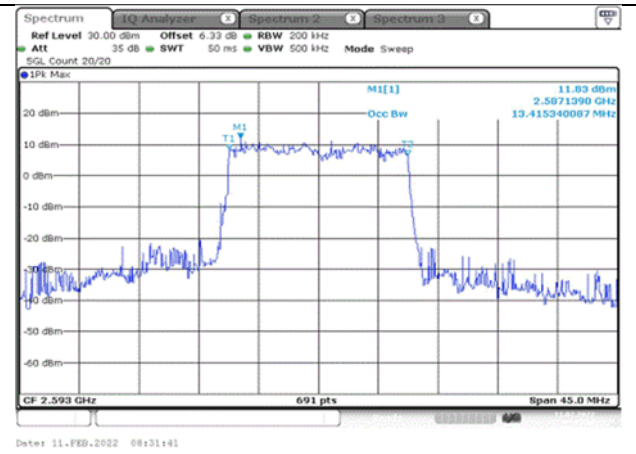


Fig.19

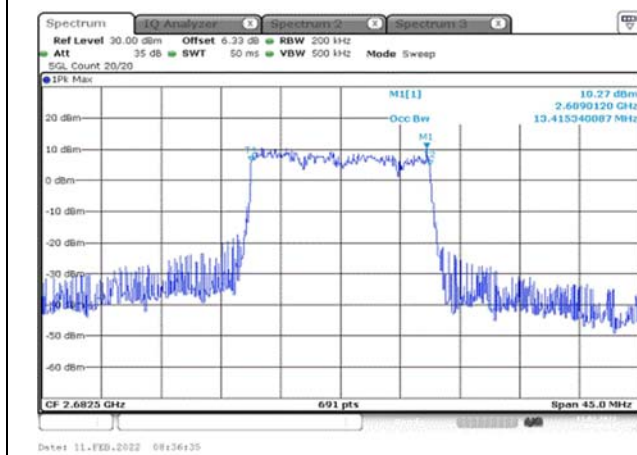


Fig.20

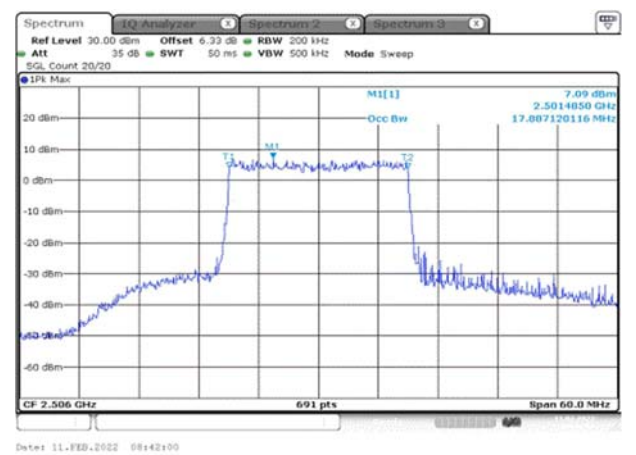


Fig.21

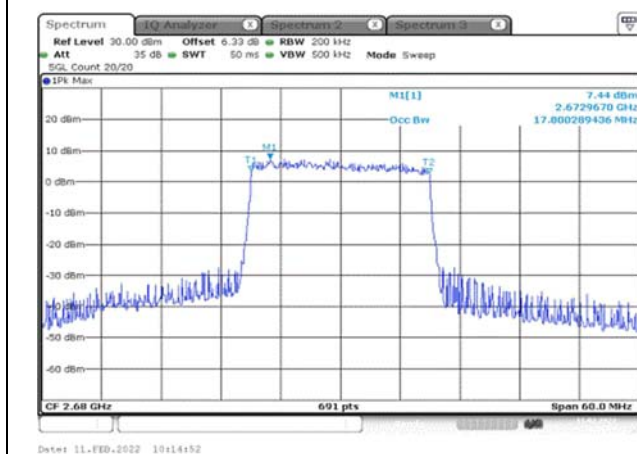


Fig.22

Test Mode: 64QAM

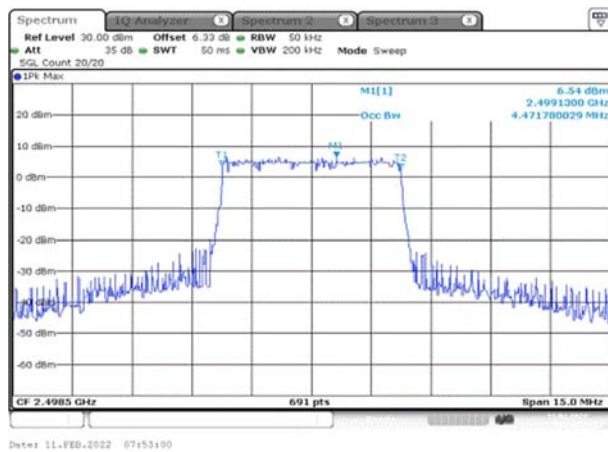


Fig.23

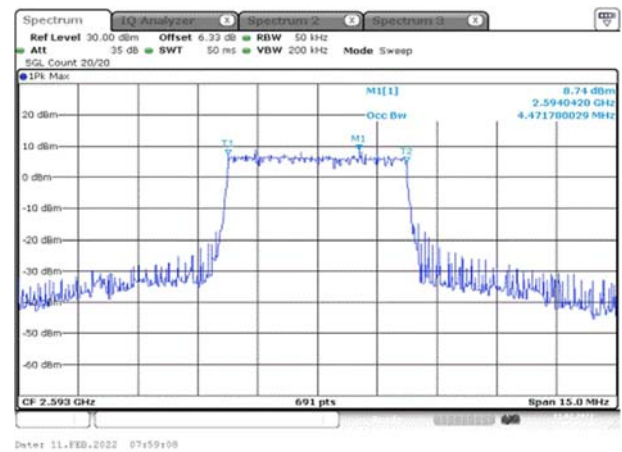


Fig.24

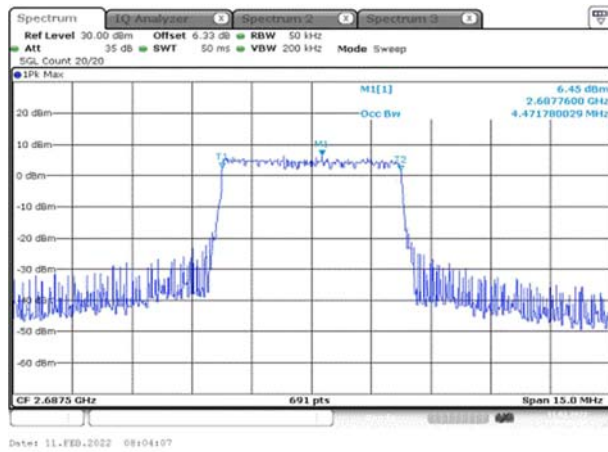


Fig.25

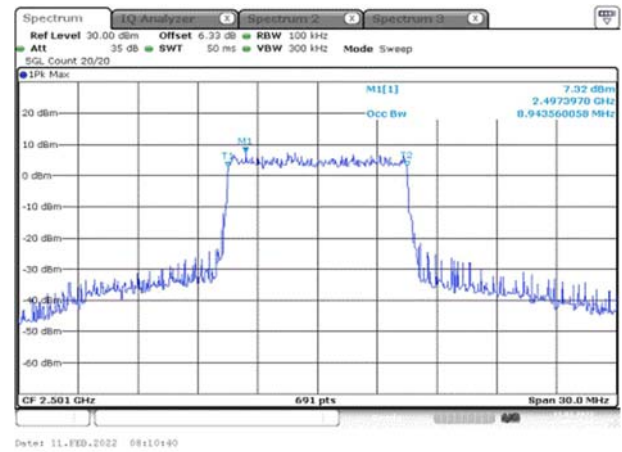


Fig.26

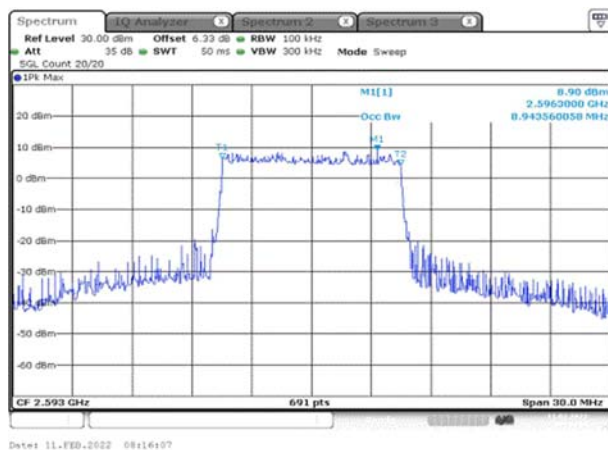


Fig.27

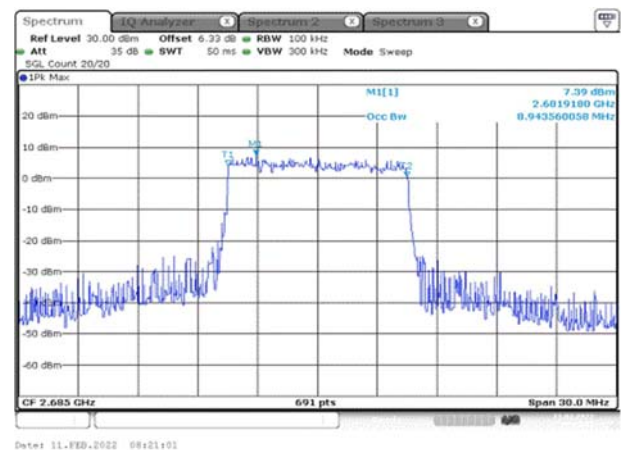


Fig.28

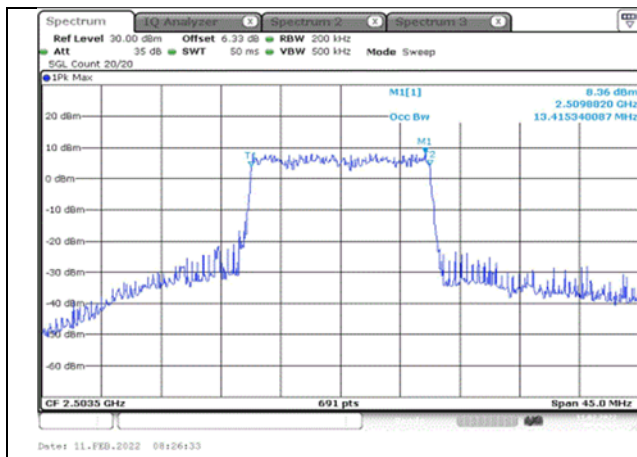


Fig.29

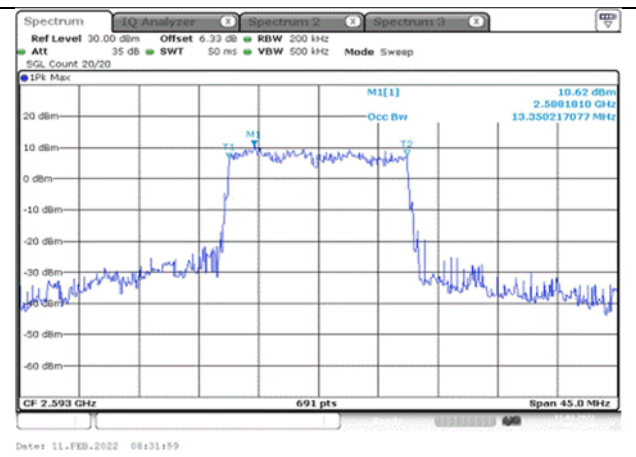


Fig.30

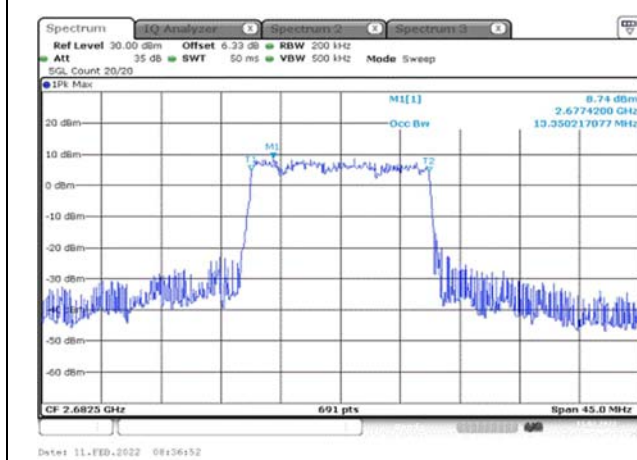


Fig.31

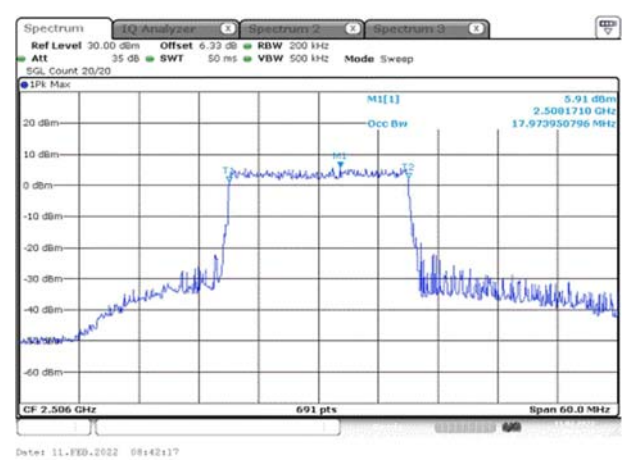


Fig.32

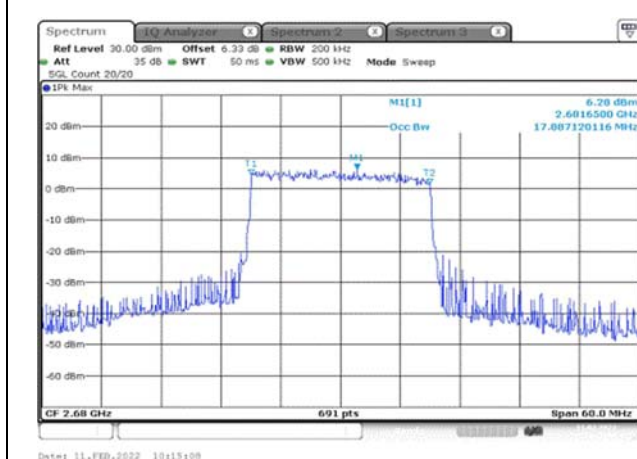


Fig.33

3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
41	QPSK	2498.5	39675	5	25	0	4.863	Fig.1
41	QPSK	2593	40620	5	25	0	4.797	Fig.2
41	QPSK	2687.5	41565	5	25	0	4.884	Fig.3
41	QPSK	2501	39700	10	50	0	9.682	Fig.4
41	QPSK	2593	40620	10	50	0	9.595	Fig.5
41	QPSK	2685	41540	10	50	0	9.595	Fig.6
41	QPSK	2503.5	39725	15	75	0	14.327	Fig.7
41	QPSK	2593	40620	15	75	0	14.522	Fig.8
41	QPSK	2682.5	41515	15	75	0	14.457	Fig.9
41	QPSK	2506	39750	20	100	0	19.103	Fig.10
41	QPSK	2680	41490	20	100	0	19.190	Fig.11

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
41	16QAM	2498.5	39675	5	25	0	4.819	Fig.12
41	16QAM	2593	40620	5	25	0	4.841	Fig.13
41	16QAM	2687.5	41565	5	25	0	4.819	Fig.14
41	16QAM	2501	39700	10	50	0	9.551	Fig.15
41	16QAM	2593	40620	10	50	0	9.508	Fig.16
41	16QAM	2685	41540	10	50	0	9.551	Fig.17
41	16QAM	2503.5	39725	15	75	0	14.327	Fig.18
41	16QAM	2593	40620	15	75	0	14.327	Fig.19
41	16QAM	2682.5	41515	15	75	0	14.392	Fig.20
41	16QAM	2506	39750	20	100	0	18.929	Fig.21
41	16QAM	2680	41490	20	100	0	19.016	Fig.22

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
41	64QAM	2498.5	39675	5	25	0	4.841	Fig.23
41	64QAM	2593	40620	5	25	0	4.863	Fig.24
41	64QAM	2687.5	41565	5	25	0	4.884	Fig.25
41	64QAM	2501	39700	10	50	0	9.508	Fig.26
41	64QAM	2593	40620	10	50	0	9.595	Fig.27
41	64QAM	2685	41540	10	50	0	9.638	Fig.28
41	64QAM	2503.5	39725	15	75	0	14.457	Fig.29
41	64QAM	2593	40620	15	75	0	14.327	Fig.30
41	64QAM	2682.5	41515	15	75	0	14.392	Fig.31
41	64QAM	2506	39750	20	100	0	18.929	Fig.32
41	64QAM	2680	41490	20	100	0	18.929	Fig.33

Test Mode: QPSK

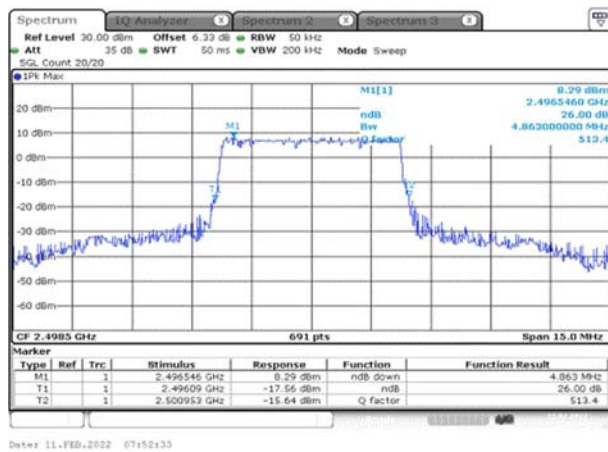


Fig.1

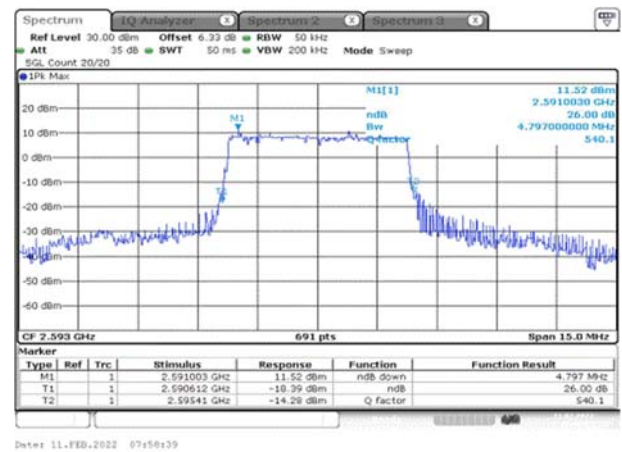


Fig.2

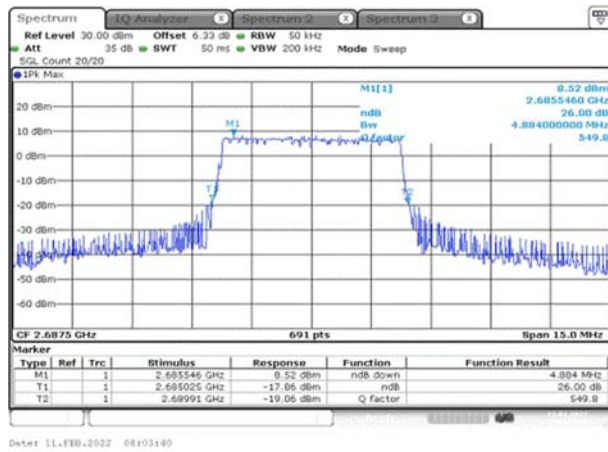


Fig.3

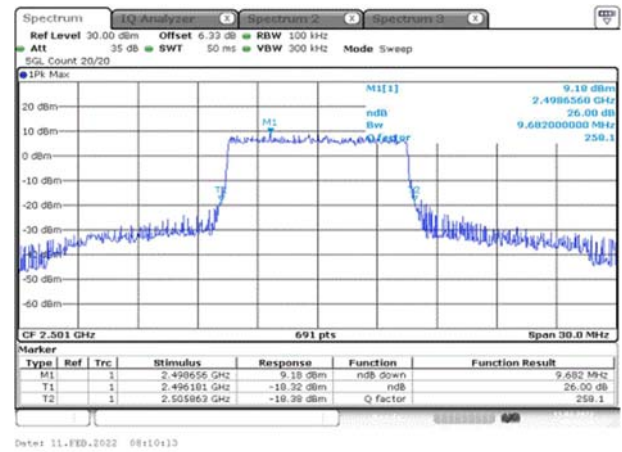


Fig.4

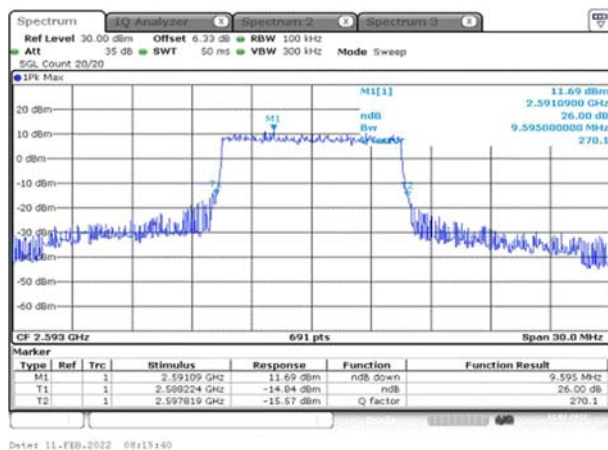


Fig.5

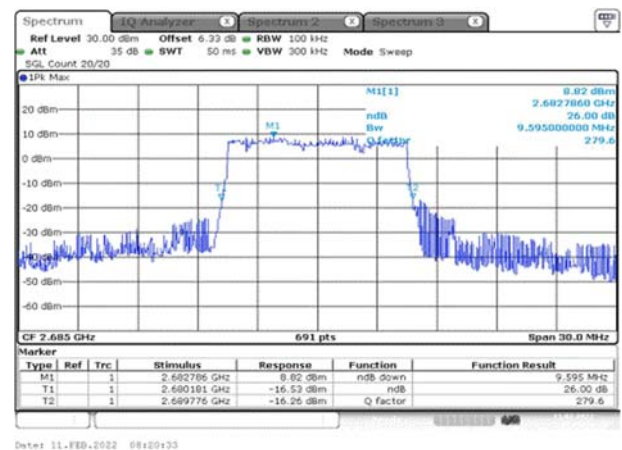


Fig.6

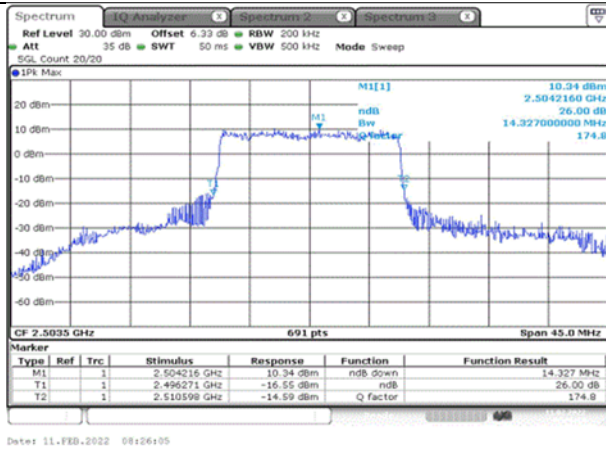


Fig.7

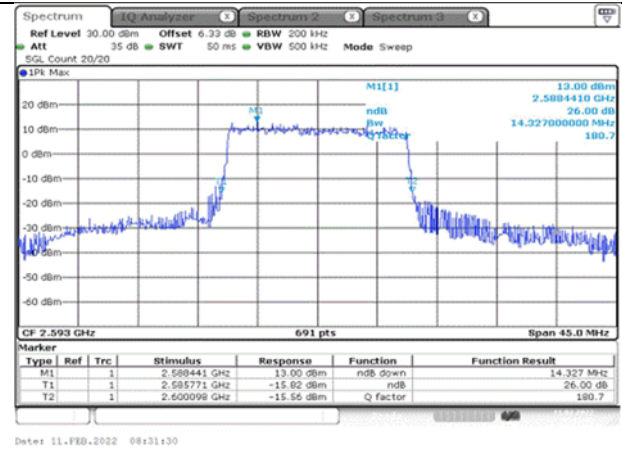


Fig.8

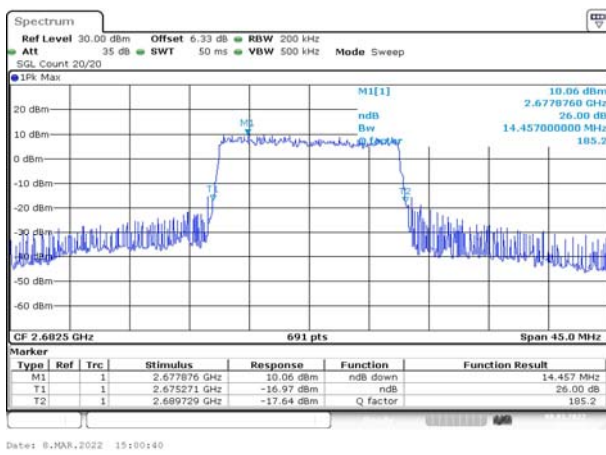


Fig.9

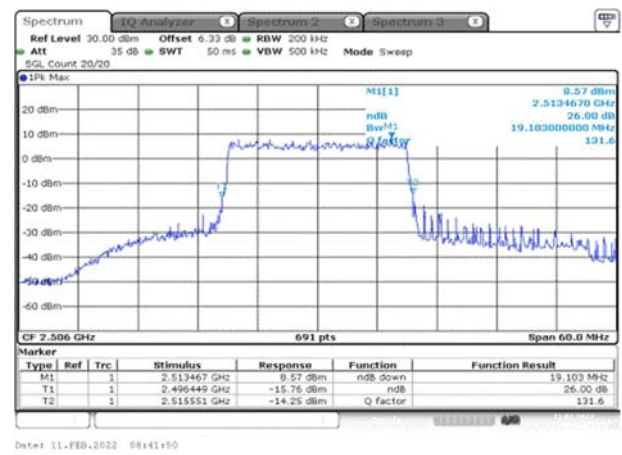


Fig.10

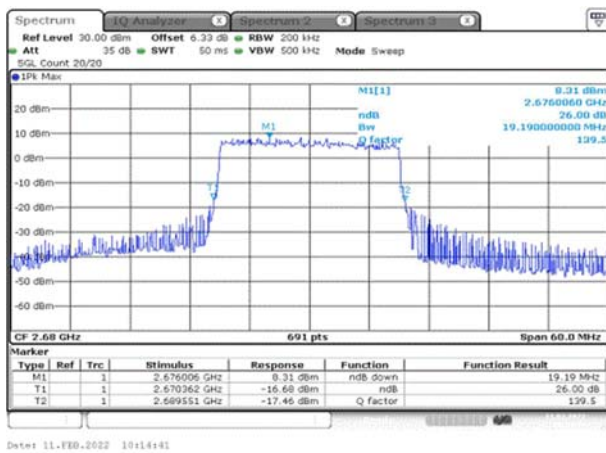


Fig.11

Test Mode: 16QAM

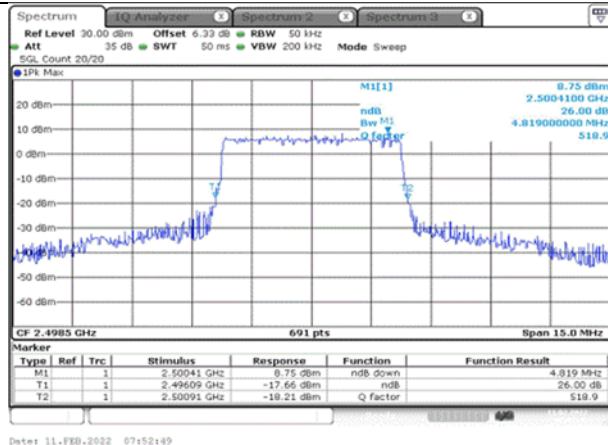


Fig.12

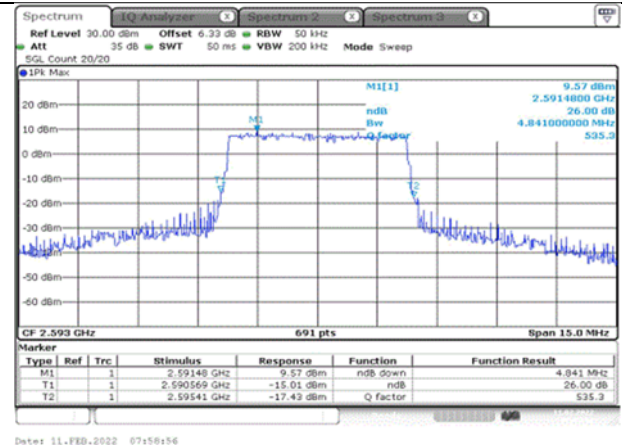


Fig.13

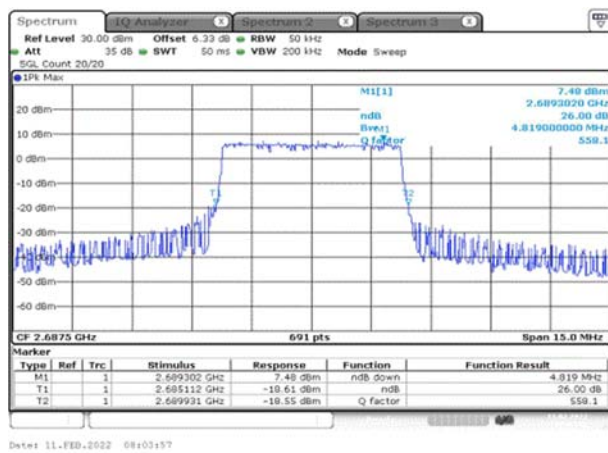


Fig.14

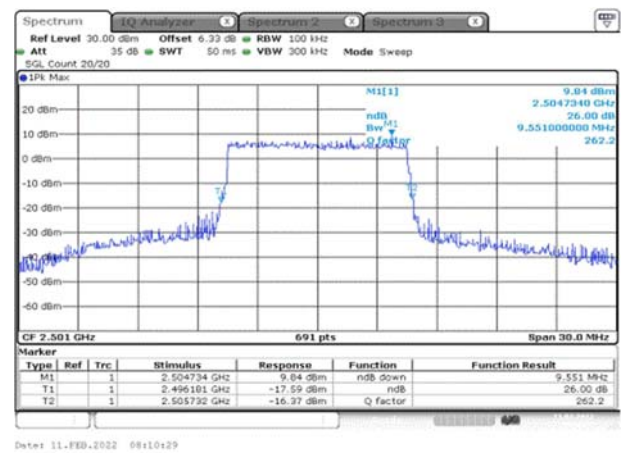


Fig.15

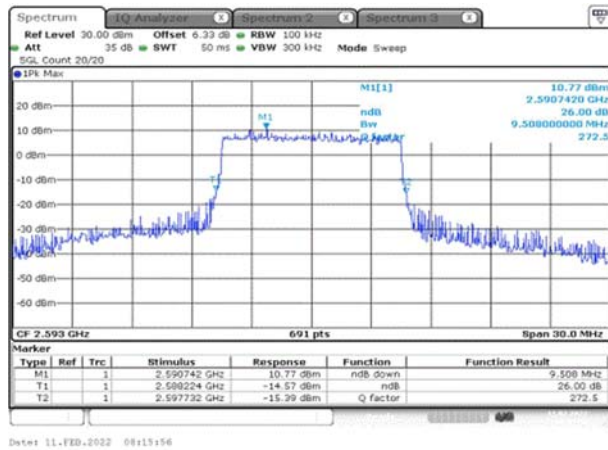


Fig.16

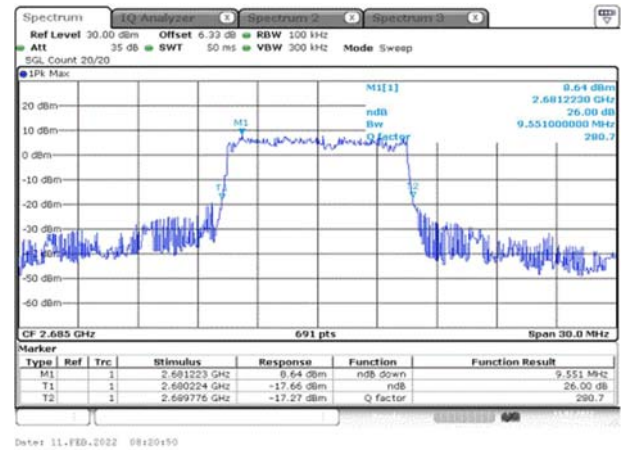


Fig.17

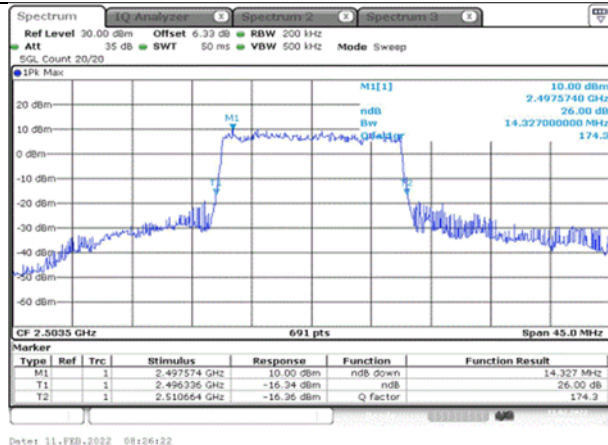


Fig.18

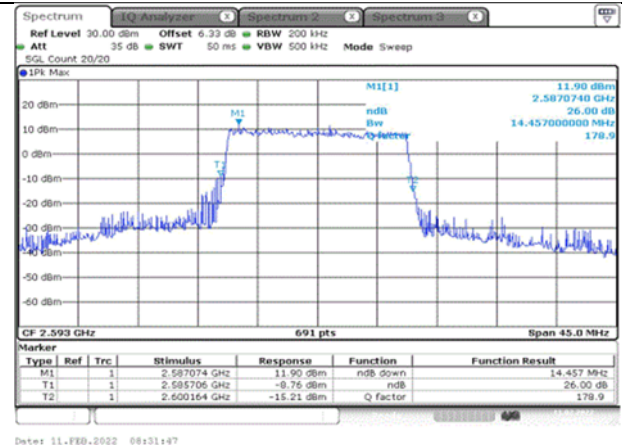


Fig.19

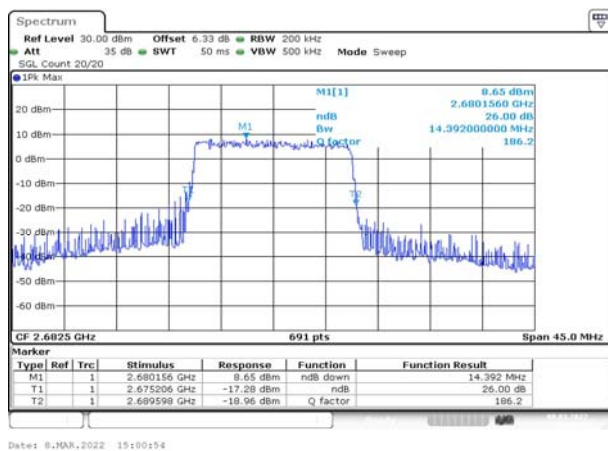


Fig.20

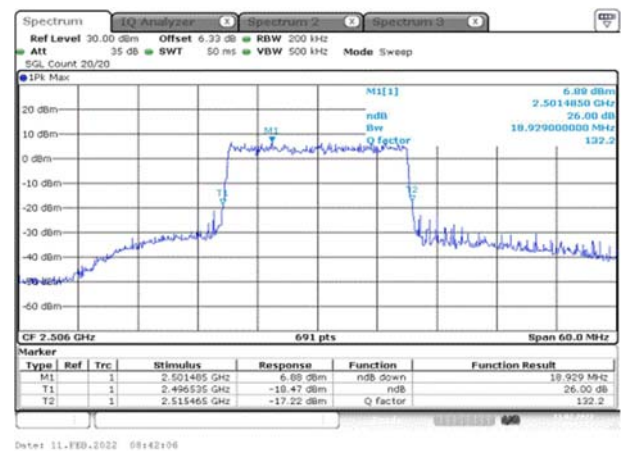


Fig.21

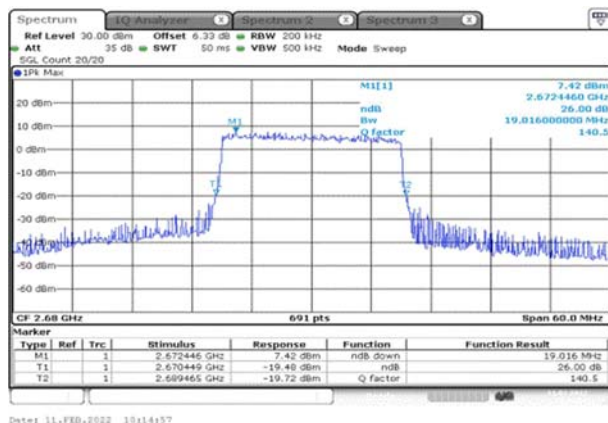


Fig.22

Test Mode: 64QAM

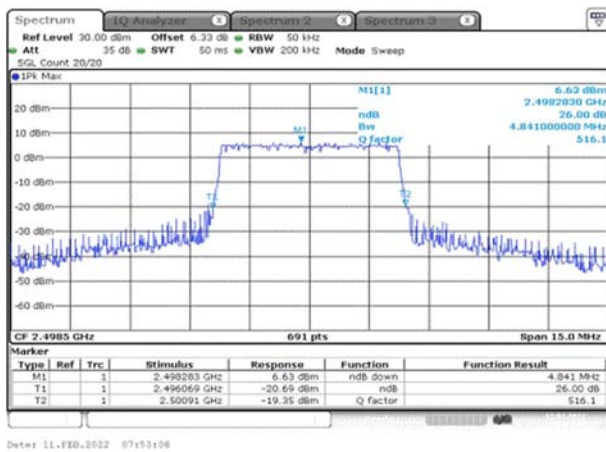


Fig.23

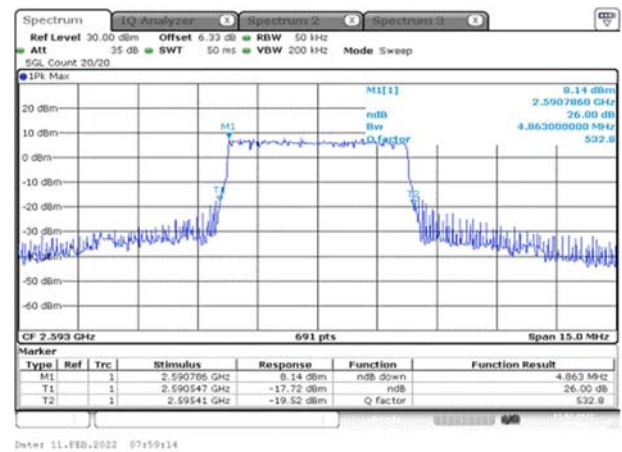


Fig.24

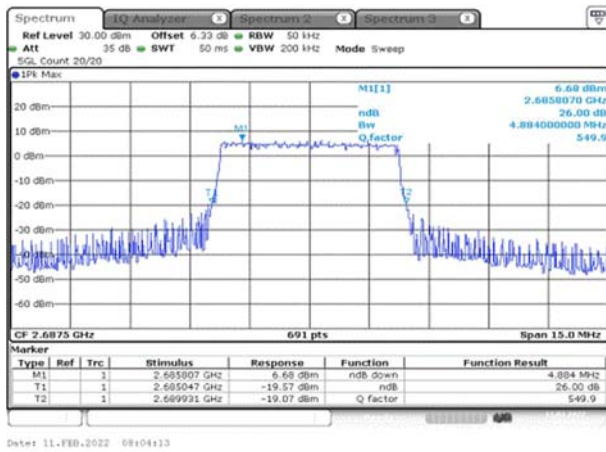


Fig.25

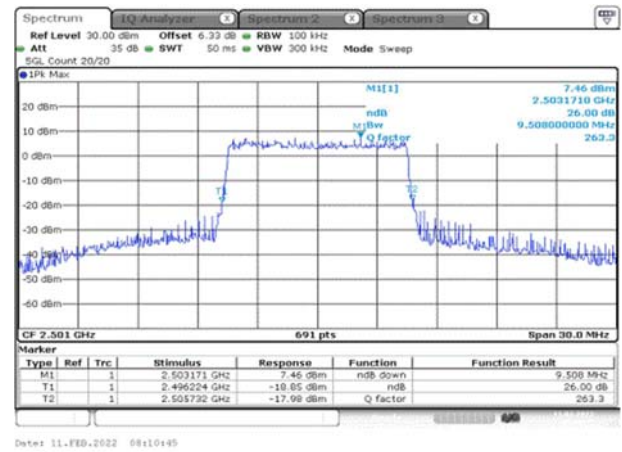


Fig.26

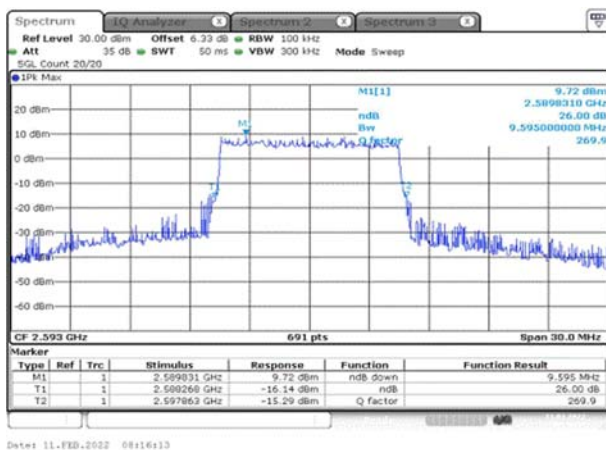


Fig.27

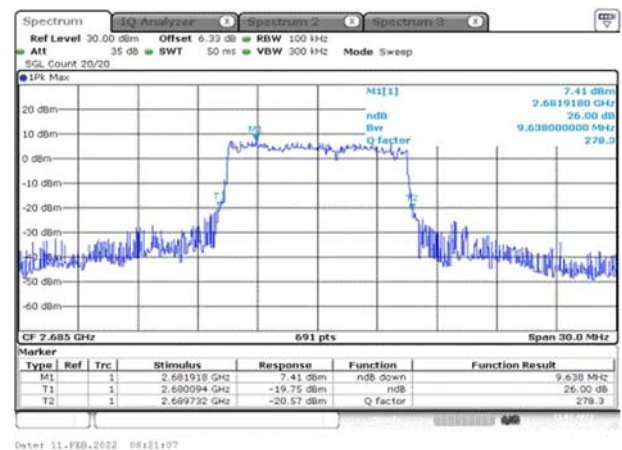


Fig.28

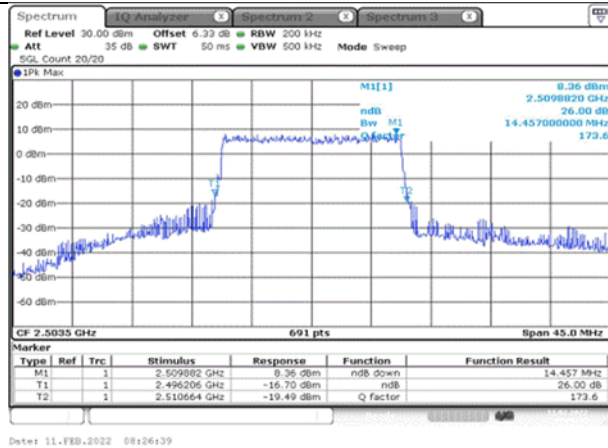


Fig.29

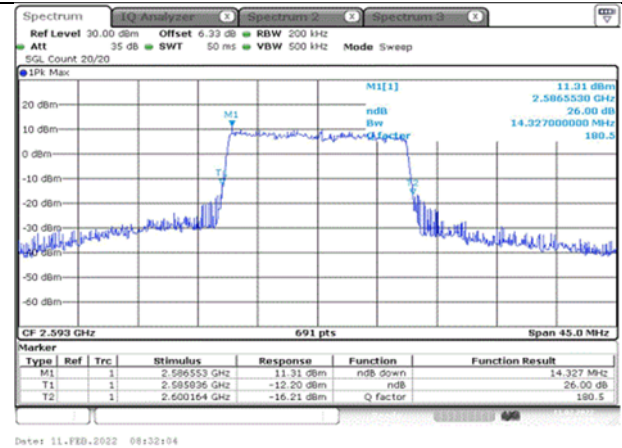


Fig.30

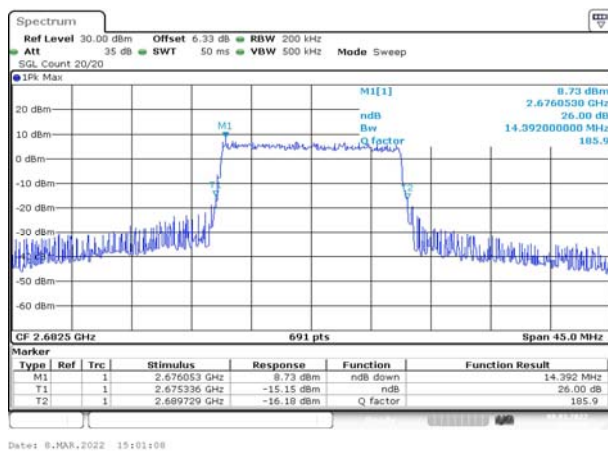


Fig.31

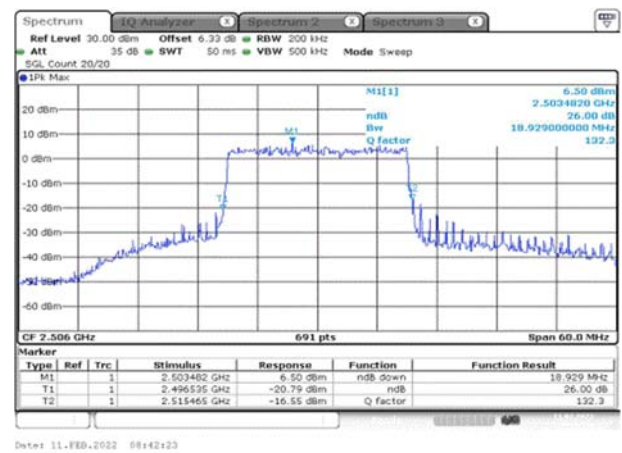


Fig.32

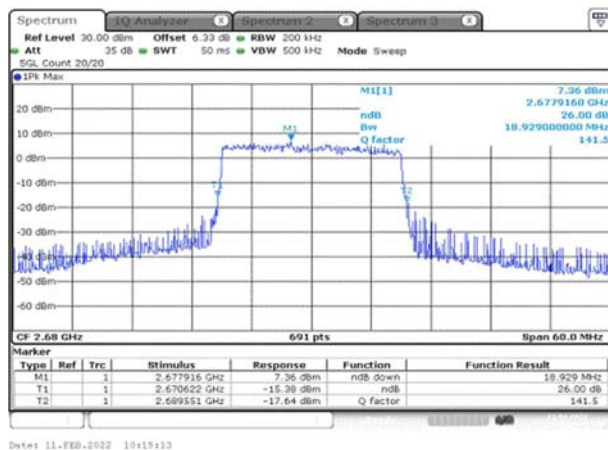


Fig.33

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
41	2498.5	39675	5	1	24	Fig.1	Fig.2	Fig.3
41	2498.5	39675	5	25	0	Fig.4	Fig.5	Fig.6
41	2593	40620	5	1	24	Fig.7	Fig.8	Fig.9
41	2593	40620	5	25	0	Fig.10	Fig.11	Fig.12
41	2687.5	41565	5	1	24	Fig.13	Fig.14	Fig.15
41	2687.5	41565	5	25	0	Fig.16	Fig.17	Fig.18
41	2501	39700	10	1	49	Fig.19	Fig.20	Fig.21
41	2501	39700	10	50	0	Fig.22	Fig.23	Fig.24
41	2593	40620	10	1	49	Fig.25	Fig.26	Fig.27
41	2593	40620	10	50	0	Fig.28	Fig.29	Fig.30
41	2685	41540	10	1	49	Fig.31	Fig.32	Fig.33
41	2685	41540	10	50	0	Fig.34	Fig.35	Fig.36
41	2503.5	39725	15	1	74	Fig.37	Fig.38	Fig.39
41	2503.5	39725	15	75	0	Fig.40	Fig.41	Fig.42
41	2593	40620	15	1	74	Fig.43	Fig.44	Fig.45
41	2593	40620	15	75	0	Fig.46	Fig.47	Fig.48
41	2682.5	41515	15	1	74	Fig.49	Fig.50	Fig.51
41	2682.5	41515	15	75	0	Fig.52	Fig.53	Fig.54
41	2506	39750	20	1	99	Fig.55	Fig.56	Fig.57
41	2506	39750	20	100	0	Fig.58	Fig.59	Fig.60
41	2593	40620	20	1	99	Fig.61	Fig.62	Fig.63
41	2593	40620	20	100	0	Fig.64	Fig.65	Fig.66
41	2680	41490	20	1	99	Fig.67	Fig.68	Fig.69
41	2680	41490	20	100	0	Fig.70	Fig.71	Fig.72



Fig.1

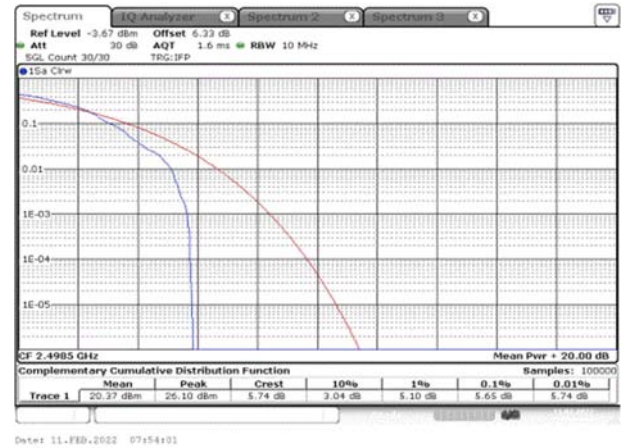


Fig.2

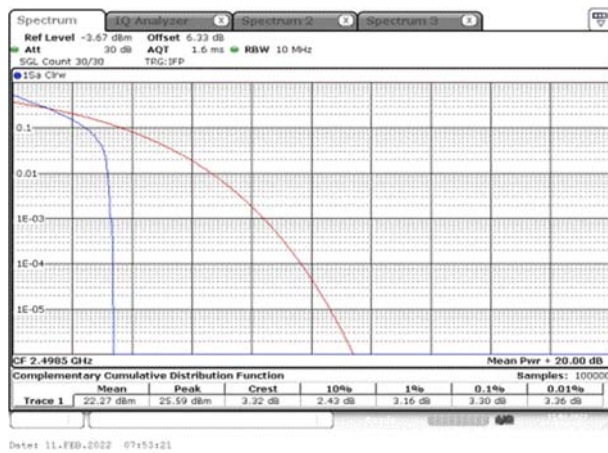


Fig.3

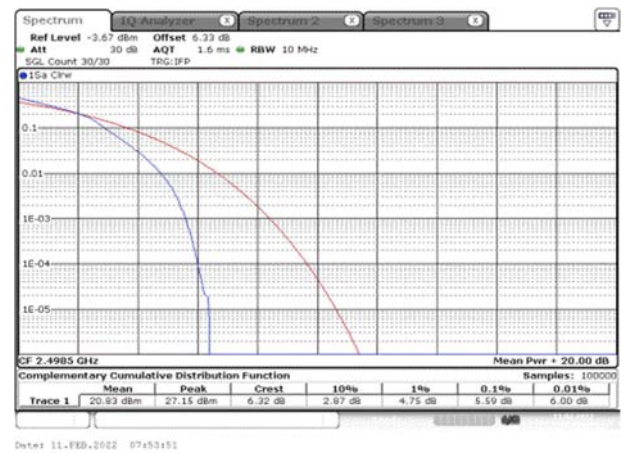


Fig.4



Fig.5

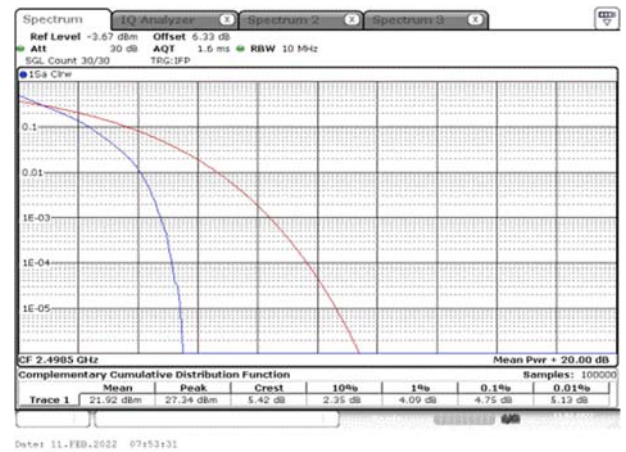


Fig.6

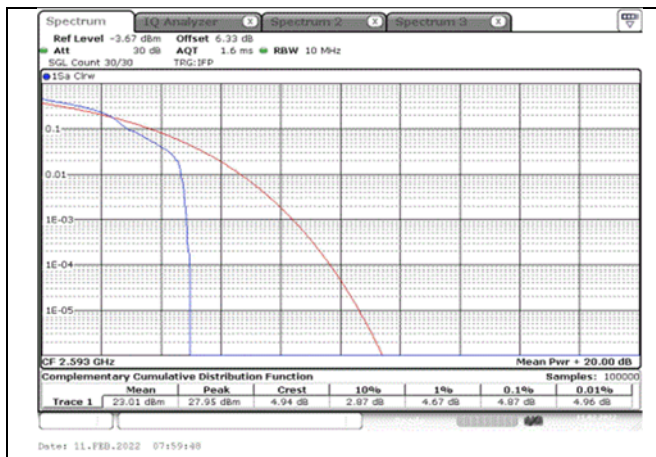


Fig.7

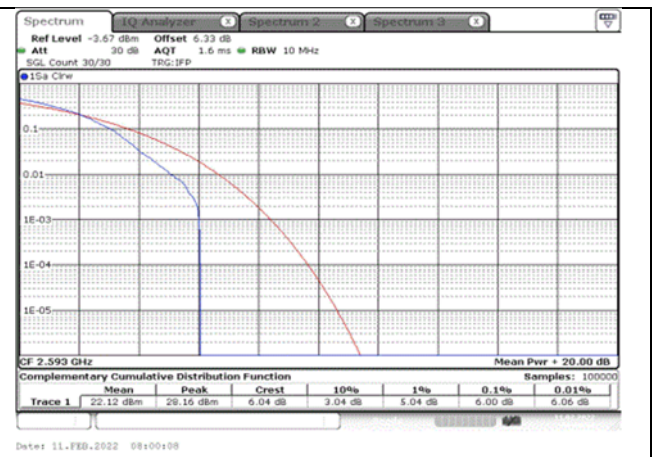


Fig.8

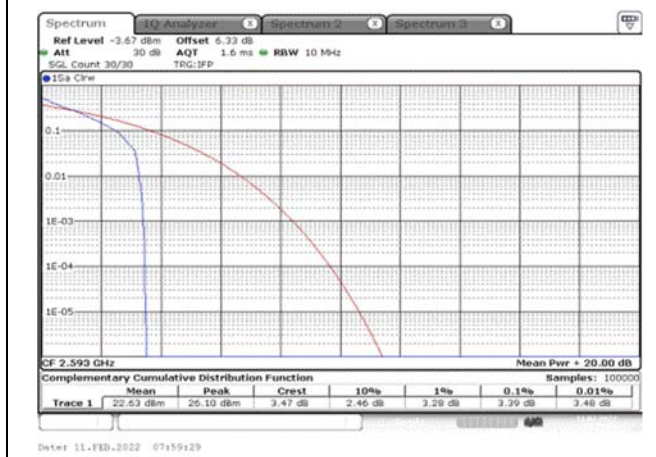


Fig.9

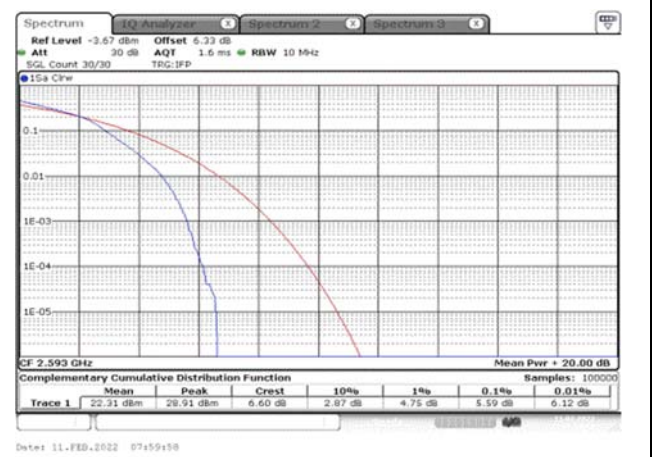


Fig.10

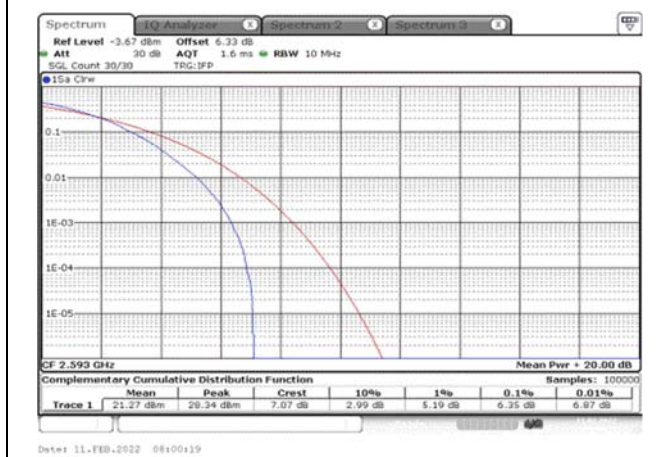


Fig.11

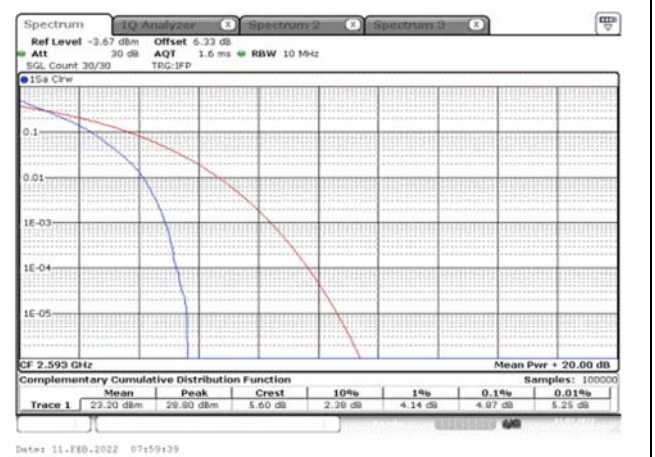


Fig.12

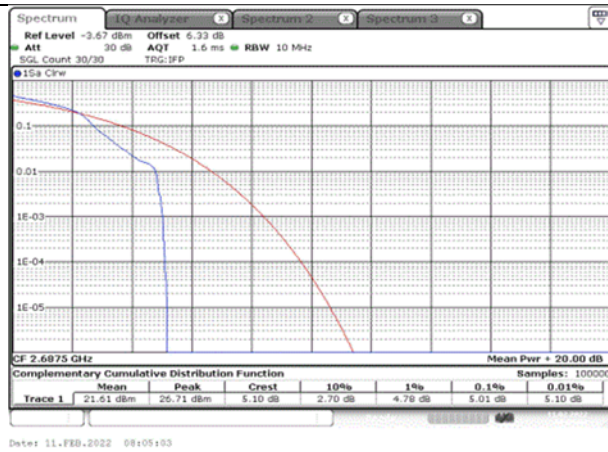


Fig.13

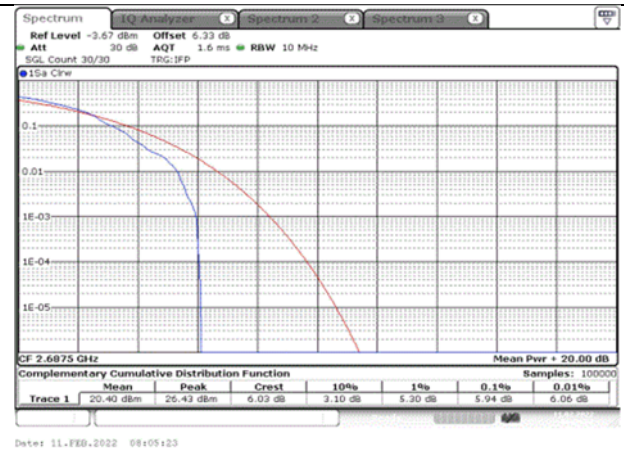


Fig.14

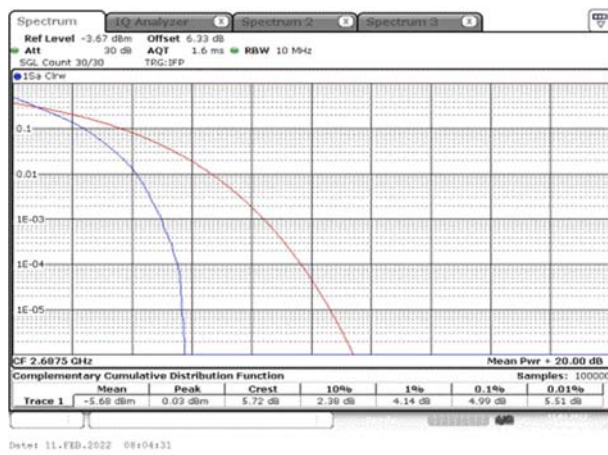


Fig.15

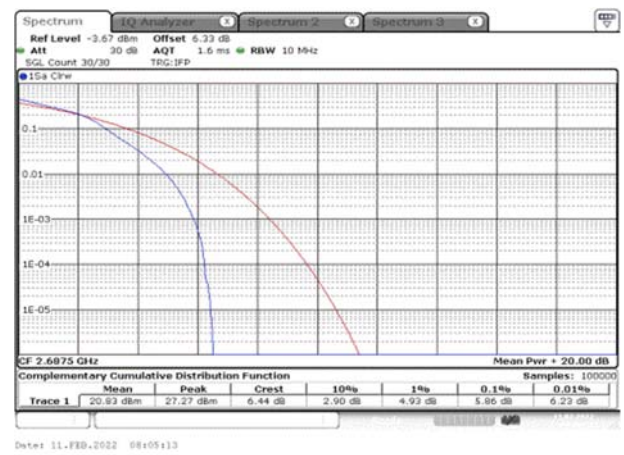


Fig.16

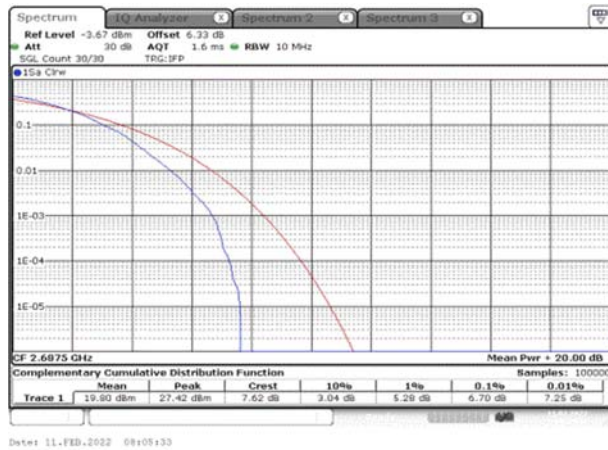


Fig.17

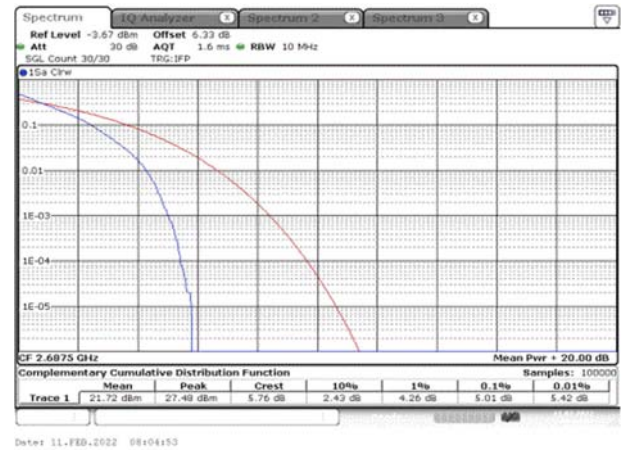


Fig.18

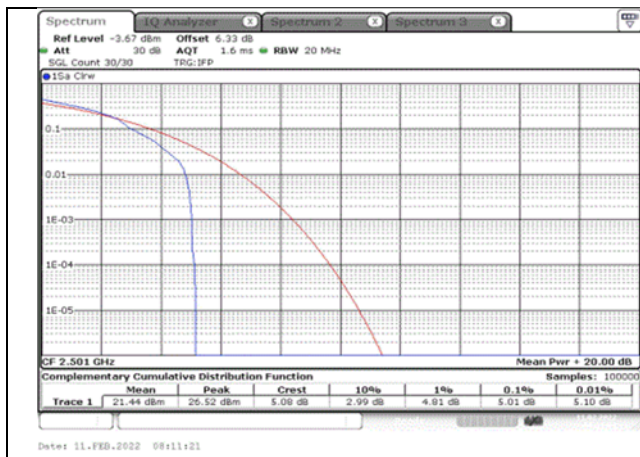


Fig.19

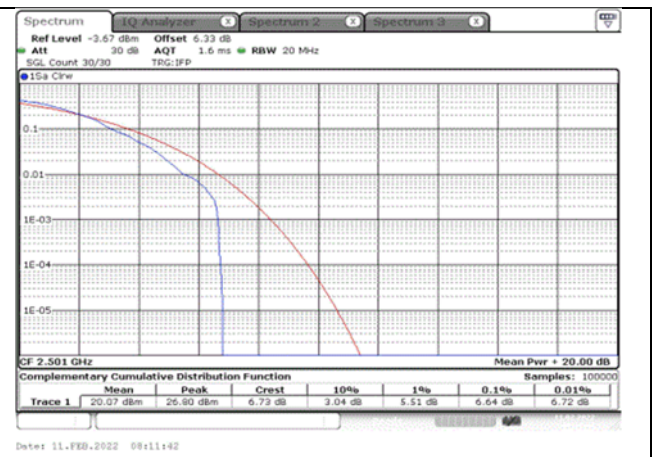


Fig.20

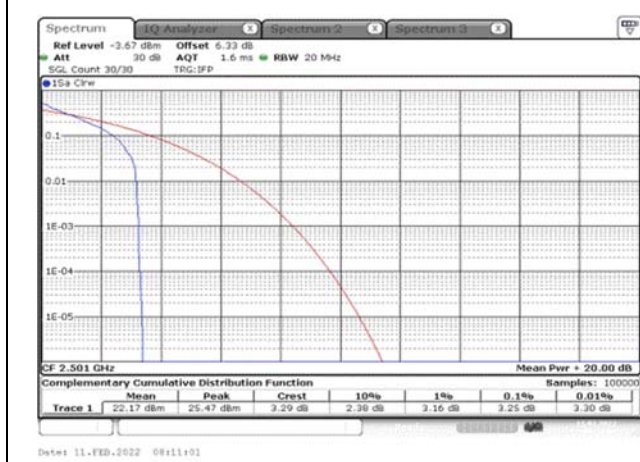


Fig.21

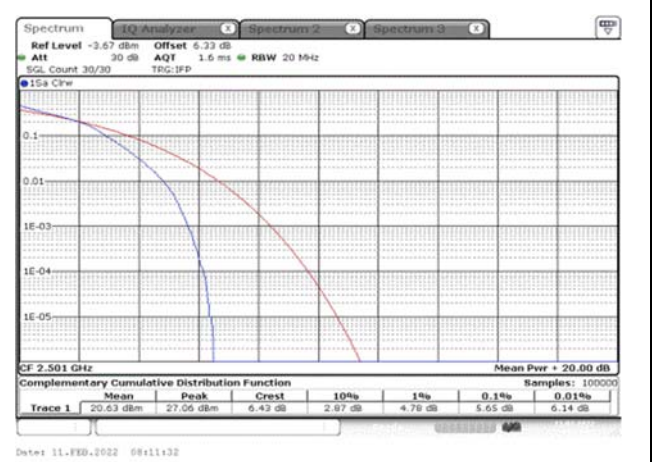


Fig.22

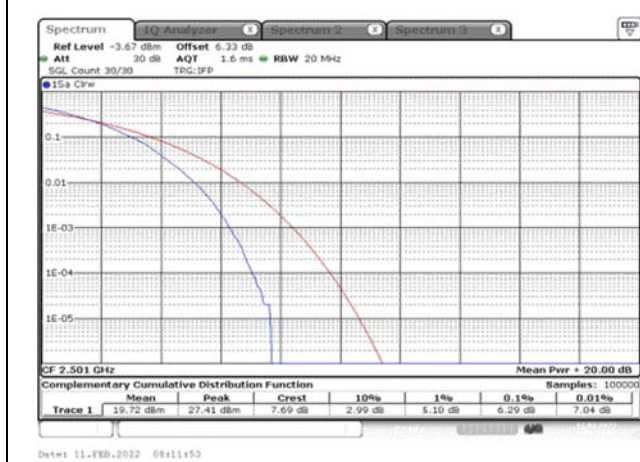


Fig.23

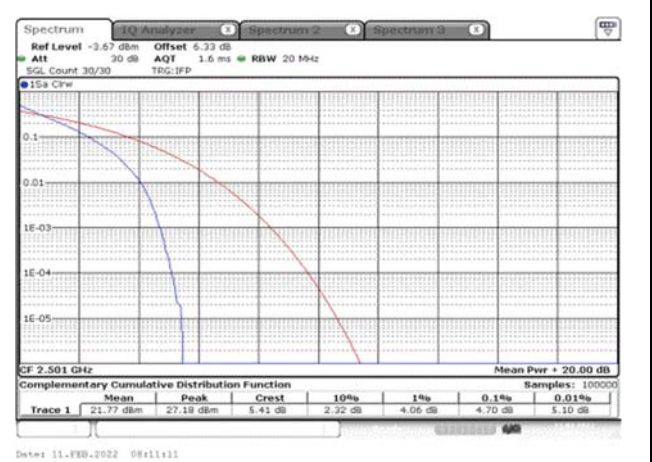


Fig.24