APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band LTE Band 38

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2572.5	37775	5	1	0	20.24
16QAM	2572.5	37775	5	1	12	20.04
16QAM	2572.5	37775	5	1	24	19.64
16QAM	2572.5	37775	5	12	0	18.99
16QAM	2572.5	37775	5	12	7	19.05
16QAM	2572.5	37775	5	12	13	19.07
16QAM	2572.5	37775	5	25	0	19.07
16QAM	2595	38000	5	1	0	20.09
16QAM	2595	38000	5	1	12	19.82
16QAM	2595	38000	5	1	24	19.99
16QAM	2595	38000	5	12	0	18.98
16QAM	2595	38000	5	12	7	18.70
16QAM	2595	38000	5	12	13	18.71
16QAM	2595	38000	5	25	0	19.04
16QAM	2617.5	38225	5	1	0	20.09
16QAM	2617.5	38225	5	1	12	19.94
16QAM	2617.5	38225	5	1	24	20.13
16QAM	2617.5	38225	5	12	0	18.98
16QAM	2617.5	38225	5	12	7	19.00
16QAM	2617.5	38225	5	12	13	18.90
16QAM	2617.5	38225	5	25	0	19.00
64QAM	2572.5	37775	5	1	0	20.29
64QAM	2572.5	37775	5	1	12	19.95
64QAM	2572.5	37775	5	1	24	20.53
64QAM	2572.5	37775	5	12	0	18.80
64QAM	2572.5	37775	5	12	7	18.86
64QAM	2572.5	37775	5	12	13	18.86
64QAM	2572.5	37775	5	25	0	19.04
64QAM	2595	38000	5	1	0	20.31
64QAM	2595	38000	5	1	12	20.17
64QAM	2595	38000	5	1	24	20.27
64QAM	2595	38000	5	12	0	19.08
64QAM	2595	38000	5	12	7	18.83
64QAM	2595	38000	5	12	13	18.81
64QAM	2595	38000	5	25	0	18.81
64QAM	2617.5	38225	5	1	0	20.32
64QAM	2617.5	38225	5	1	12	20.26
64QAM	2617.5	38225	5	1	24	20.21
64QAM	2617.5	38225	5	12	0	18.98
64QAM	2617.5	38225	5	12	7	18.83
64QAM	2617.5	38225	5	12	13	18.65

64QAM	2617.5	38225	5	25	0	18.87

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2572.5	37775	5	1	0	20.75
QPSK	2572.5	37775	5	1	12	20.98
QPSK	2572.5	37775	5	1	24	20.83
QPSK	2572.5	37775	5	12	0	20.86
QPSK	2572.5	37775	5	12	7	20.79
QPSK	2572.5	37775	5	12	13	20.81
QPSK	2572.5	37775	5	25	0	20.78
QPSK	2595	38000	5	1	0	20.72
QPSK	2595	38000	5	1	12	20.70
QPSK	2595	38000	5	1	24	20.63
QPSK	2595	38000	5	12	0	20.80
QPSK	2595	38000	5	12	7	20.70
QPSK	2595	38000	5	12	13	20.82
QPSK	2595	38000	5	25	0	20.81
QPSK	2617.5	38225	5	1	0	20.89
QPSK	2617.5	38225	5	1	12	20.81
QPSK	2617.5	38225	5	1	24	20.87
QPSK	2617.5	38225	5	12	0	20.81
QPSK	2617.5	38225	5	12	7	20.77
QPSK	2617.5	38225	5	12	13	20.95
QPSK	2617.5	38225	5	25	0	20.77

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2575	37800	10	1	0	19.64
16QAM	2575	37800	10	1	25	19.52
16QAM	2575	37800	10	1	49	20.29
16QAM	2575	37800	10	25	0	18.93
16QAM	2575	37800	10	25	12	18.81
16QAM	2575	37800	10	25	25	18.70
16QAM	2575	37800	10	50	0	18.61
16QAM	2595	38000	10	1	0	20.33
16QAM	2595	38000	10	1	25	20.19
16QAM	2595	38000	10	1	49	20.32
16QAM	2595	38000	10	25	0	18.89
16QAM	2595	38000	10	25	12	18.87
16QAM	2595	38000	10	25	25	18.95
16QAM	2595	38000	10	50	0	18.49
16QAM	2615	38200	10	1	0	19.75
16QAM	2615	38200	10	1	25	19.83
16QAM	2615	38200	10	1	49	20.18
16QAM	2615	38200	10	25	0	18.87
16QAM	2615	38200	10	25	12	18.91
16QAM	2615	38200	10	25	25	18.90
16QAM	2615	38200	10	50	0	18.60
64QAM	2575	37800	10	1	0	20.13
64QAM	2575	37800	10	1	25	20.00
64QAM	2575	37800	10	1	49	20.08
64QAM	2575	37800	10	25	0	18.91
64QAM	2575	37800	10	25	12	18.81
64QAM	2575	37800	10	25	25	18.69
64QAM	2575	37800	10	50	0	18.59
64QAM	2595	38000	10	1	0	20.16
64QAM	2595	38000	10	1	25	19.74
64QAM	2595	38000	10	1	49	20.26
64QAM	2595	38000	10	25	0	19.01
64QAM	2595	38000	10	25	12	18.84
64QAM	2595	38000	10	25	25	18.80
64QAM	2595	38000	10	50	0	18.56
64QAM	2615	38200	10	1	0	20.66
64QAM	2615	38200	10	1	25	20.11
64QAM	2615	38200	10	1	49	19.95
64QAM	2615	38200	10	25	0	18.94
64QAM	2615	38200	10	25	12	19.23
64QAM	2615	38200	10	25	25	19.09
64QAM	2615	38200	10	50	0	18.62

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2575	37800	10	1	0	20.76
QPSK	2575	37800	10	1	25	20.81
QPSK	2575	37800	10	1	49	20.78
QPSK	2575	37800	10	25	0	20.88
QPSK	2575	37800	10	25	12	20.93
QPSK	2575	37800	10	25	25	20.78
QPSK	2575	37800	10	50	0	20.47
QPSK	2595	38000	10	1	0	20.45
QPSK	2595	38000	10	1	25	20.47
QPSK	2595	38000	10	1	49	20.56
QPSK	2595	38000	10	25	0	20.80
QPSK	2595	38000	10	25	12	20.75
QPSK	2595	38000	10	25	25	20.86
QPSK	2595	38000	10	50	0	20.46
QPSK	2615	38200	10	1	0	20.69
QPSK	2615	38200	10	1	25	20.76
QPSK	2615	38200	10	1	49	20.73
QPSK	2615	38200	10	25	0	20.78
QPSK	2615	38200	10	25	12	20.81
QPSK	2615	38200	10	25	25	20.82
QPSK	2615	38200	10	50	0	20.48

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2577.5	37825	15	1	0	20.68
16QAM	2577.5	37825	15	1	37	19.85
16QAM	2577.5	37825	15	1	74	20.18
16QAM	2577.5	37825	15	36	0	19.07
16QAM	2577.5	37825	15	36	29	19.09
16QAM	2577.5	37825	15	36	30	18.99
16QAM	2577.5	37825	15	75	0	18.54
16QAM	2595	38000	15	1	0	20.12
16QAM	2595	38000	15	1	37	20.45
16QAM	2595	38000	15	1	74	20.24
16QAM	2595	38000	15	36	0	18.95
16QAM	2595	38000	15	36	29	18.94
16QAM	2595	38000	15	36	30	18.95
16QAM	2595	38000	15	75	0	18.59
16QAM	2612.5	38175	15	1	0	19.58
16QAM	2612.5	38175	15	1	37	19.55
16QAM	2612.5	38175	15	1	74	19.59
16QAM	2612.5	38175	15	36	0	19.06
16QAM	2612.5	38175	15	36	29	19.14
16QAM	2612.5	38175	15	36	30	18.97
16QAM	2612.5	38175	15	75	0	18.77
64QAM	2577.5	37825	15	1	0	20.19
64QAM	2577.5	37825	15	1	37	20.16
64QAM	2577.5	37825	15	1	74	19.97
64QAM	2577.5	37825	15	36	0	18.96
64QAM	2577.5	37825	15	36	29	18.98
64QAM	2577.5	37825	15	36	30	19.00
64QAM	2577.5	37825	15	75	0	18.56
64QAM	2595	38000	15	1	0	20.42
64QAM	2595	38000	15	1	37	20.89
64QAM	2595	38000	15	1	74	19.83
64QAM	2595	38000	15	36	0	18.80
64QAM	2595	38000	15	36	29	18.79
64QAM	2595	38000	15	36	30	18.80
64QAM	2595	38000	15	75	0	18.70
64QAM	2612.5	38175	15	1	0	19.05
64QAM	2612.5	38175	15	1	37	19.15
64QAM	2612.5	38175	15	1	74	19.04
64QAM	2612.5	38175	15	36	0	19.08
64QAM	2612.5	38175	15	36	29	18.96
64QAM	2612.5	38175	15	36	30	19.05
64QAM	2612.5	38175	15	75	0	18.64

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2577.5	37825	15	1	0	20.76
QPSK	2577.5	37825	15	1	37	20.80
QPSK	2577.5	37825	15	1	74	20.76
QPSK	2577.5	37825	15	36	0	20.97
QPSK	2577.5	37825	15	36	29	20.81
QPSK	2577.5	37825	15	36	30	20.82
QPSK	2577.5	37825	15	75	0	20.42
QPSK	2595	38000	15	1	0	20.44
QPSK	2595	38000	15	1	37	20.47
QPSK	2595	38000	15	1	74	20.44
QPSK	2595	38000	15	36	0	20.73
QPSK	2595	38000	15	36	29	20.82
QPSK	2595	38000	15	36	30	20.83
QPSK	2595	38000	15	75	0	20.39
QPSK	2612.5	38175	15	1	0	21.08
QPSK	2612.5	38175	15	1	37	21.00
QPSK	2612.5	38175	15	1	74	20.84
QPSK	2612.5	38175	15	36	0	20.85
QPSK	2612.5	38175	15	36	29	20.84
QPSK	2612.5	38175	15	36	30	20.84
QPSK	2612.5	38175	15	75	0	20.53

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2580	37850	20	1	0	20.45
16QAM	2580	37850	20	1	49	20.12
16QAM	2580	37850	20	1	99	20.16
16QAM	2580	37850	20	50	0	19.06
16QAM	2580	37850	20	50	24	19.03
16QAM	2580	37850	20	50	50	19.06
16QAM	2580	37850	20	100	0	18.56
16QAM	2595	38000	20	1	0	19.66
16QAM	2595	38000	20	1	49	19.54
16QAM	2595	38000	20	1	99	19.59
16QAM	2595	38000	20	50	0	18.93
16QAM	2595	38000	20	50	24	18.85
16QAM	2595	38000	20	50	50	18.99
16QAM	2595	38000	20	100	0	18.44
16QAM	2610	38150	20	1	0	19.83
16QAM	2610	38150	20	1	49	19.83
16QAM	2610	38150	20	1	99	19.87
16QAM	2610	38150	20	50	0	18.93
16QAM	2610	38150	20	50	24	19.04
16QAM	2610	38150	20	50	50	18.94
16QAM	2610	38150	20	100	0	18.71
64QAM	2580	37850	20	1	0	20.52
64QAM	2580	37850	20	1	49	20.06
64QAM	2580	37850	20	1	99	20.33
64QAM	2580	37850	20	50	0	19.08
64QAM	2580	37850	20	50	24	19.04
64QAM	2580	37850	20	50	50	19.07
64QAM	2580	37850	20	100	0	18.68
64QAM	2595	38000	20	1	0	19.49
64QAM	2595	38000	20	1	49	19.78
64QAM	2595	38000	20	1	99	19.22
64QAM	2595	38000	20	50	0	18.92
64QAM	2595	38000	20	50	24	18.98
64QAM	2595	38000	20	50	50	18.98
64QAM	2595	38000	20	100	0	18.44
64QAM	2610	38150	20	1	0	19.95
64QAM	2610	38150	20	1	49	19.95
64QAM	2610	38150	20	1	99	19.96
64QAM	2610	38150	20	50	0	18.94
64QAM	2610	38150	20	50	24	19.04
64QAM	2610	38150	20	50	50	18.94
64QAM	2610	38150	20	100	0	18.61

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2580	37850	20	1	0	20.76
QPSK	2580	37850	20	1	49	20.77
QPSK	2580	37850	20	1	99	20.76
QPSK	2580	37850	20	50	0	20.74
QPSK	2580	37850	20	50	24	20.79
QPSK	2580	37850	20	50	50	20.88
QPSK	2580	37850	20	100	0	20.47
QPSK	2595	38000	20	1	0	20.95
QPSK	2595	38000	20	1	49	21.09
QPSK	2595	38000	20	1	99	20.91
QPSK	2595	38000	20	50	0	20.74
QPSK	2595	38000	20	50	24	20.75
QPSK	2595	38000	20	50	50	20.80
QPSK	2595	38000	20	100	0	20.39
QPSK	2610	38150	20	1	0	20.65
QPSK	2610	38150	20	1	49	20.70
QPSK	2610	38150	20	1	99	20.80
QPSK	2610	38150	20	50	0	20.81
QPSK	2610	38150	20	50	24	20.76
QPSK	2610	38150	20	50	50	20.81
QPSK	2610	38150	20	100	0	20.49

2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 38	QPSK	2572.5	37775	5	25	0	4.450	Fig.1
Band 38	QPSK	2595	38000	5	25	0	4.472	Fig.2
Band 38	QPSK	2617.5	38225	5	25	0	4.472	Fig.3
Band 38	QPSK	2575	37800	10	50	0	8.900	Fig.4
Band 38	QPSK	2595	38000	10	50	0	8.944	Fig.5
Band 38	QPSK	2615	38200	10	50	0	8.944	Fig.6
Band 38	QPSK	2577.5	37825	15	75	0	13.285	Fig.7
Band 38	QPSK	2595	38000	15	75	0	13.415	Fig.8
Band 38	QPSK	2612.5	38175	15	75	0	13.415	Fig.9
Band 38	QPSK	2580	37850	20	100	0	17.887	Fig.10
Band 38	QPSK	2595	38000	20	100	0	17.887	Fig.11
Band 38	QPSK	2610	38150	20	100	0	17.887	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 38	16QAM	2572.5	37775	5	25	0	4.450	Fig.13
Band 38	16QAM	2595	38000	5	25	0	4.450	Fig.14
Band 38	16QAM	2617.5	38225	5	25	0	4.472	Fig.15
Band 38	16QAM	2575	37800	10	50	0	8.944	Fig.16
Band 38	16QAM	2595	38000	10	50	0	8.944	Fig.17
Band 38	16QAM	2615	38200	10	50	0	8.944	Fig.18
Band 38	16QAM	2577.5	37825	15	75	0	13.415	Fig.19
Band 38	16QAM	2595	38000	15	75	0	13.415	Fig.20
Band 38	16QAM	2612.5	38175	15	75	0	13.415	Fig.21
Band 38	16QAM	2580	37850	20	100	0	17.887	Fig.22
Band 38	16QAM	2595	38000	20	100	0	17.887	Fig.23
Band 38	16QAM	2610	38150	20	100	0	17.887	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 38	64QAM	2572.5	37775	5	25	0	4.472	Fig.25
Band 38	64QAM	2595	38000	5	25	0	4.472	Fig.26
Band 38	64QAM	2617.5	38225	5	25	0	4.472	Fig.27
Band 38	64QAM	2575	37800	10	50	0	8.987	Fig.28
Band 38	64QAM	2595	38000	10	50	0	8.944	Fig.29
Band 38	64QAM	2615	38200	10	50	0	8.944	Fig.30
Band 38	64QAM	2577.5	37825	15	75	0	13.480	Fig.31
Band 38	64QAM	2595	38000	15	75	0	13.415	Fig.32
Band 38	64QAM	2612.5	38175	15	75	0	13.415	Fig.33
Band 38	64QAM	2580	37850	20	100	0	17.887	Fig.34
Band 38	64QAM	2595	38000	20	100	0	17.887	Fig.35
Band 38	64QAM	2610	38150	20	100	0	17.887	Fig.36

Test Mode: QPSK

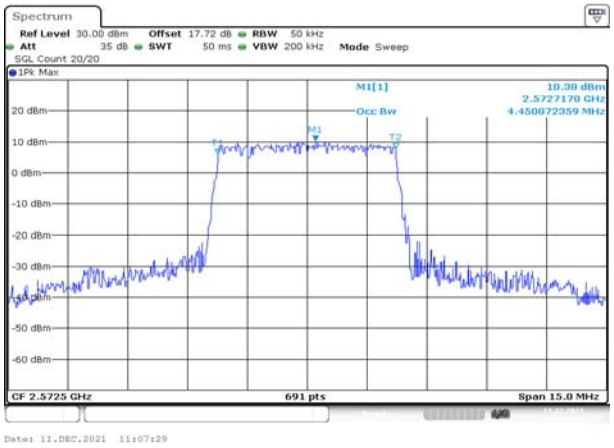


Fig.1

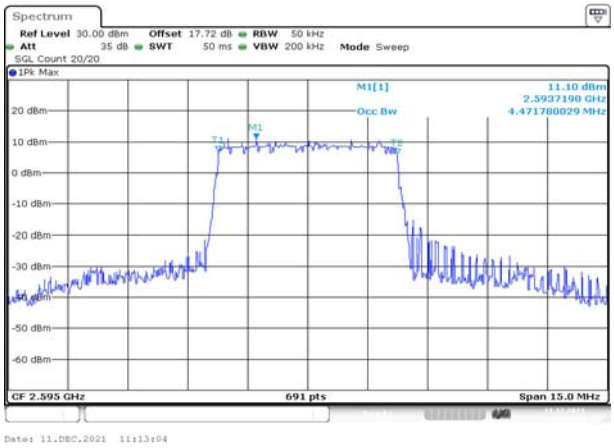


Fig.2

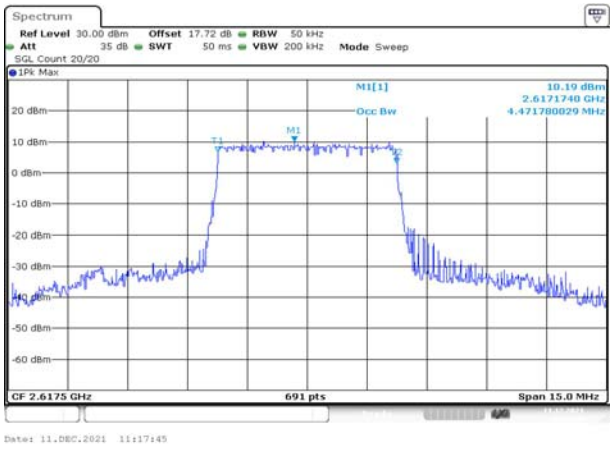


Fig.3

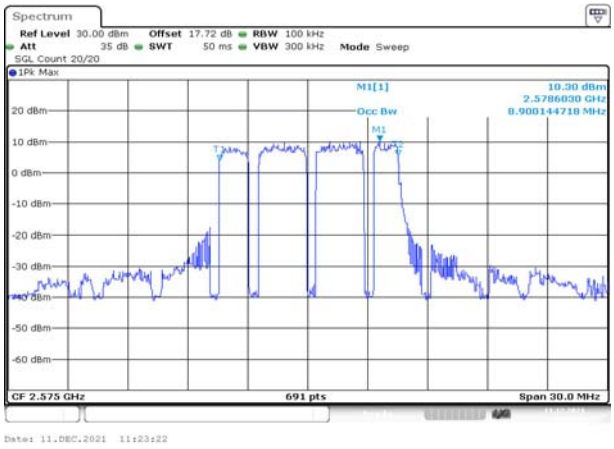


Fig.4

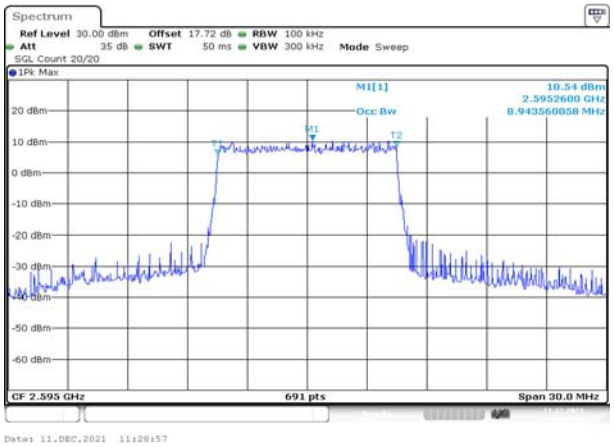


Fig.5

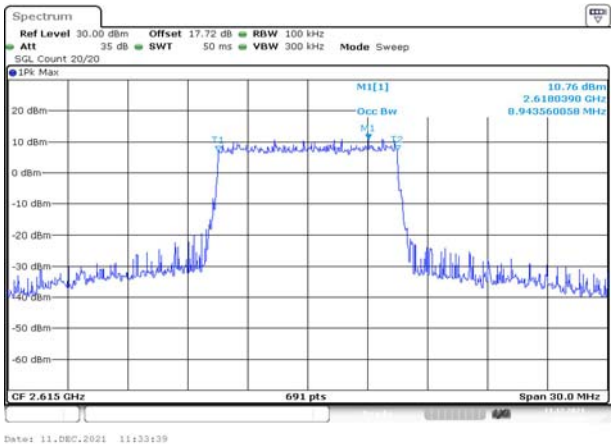


Fig.6

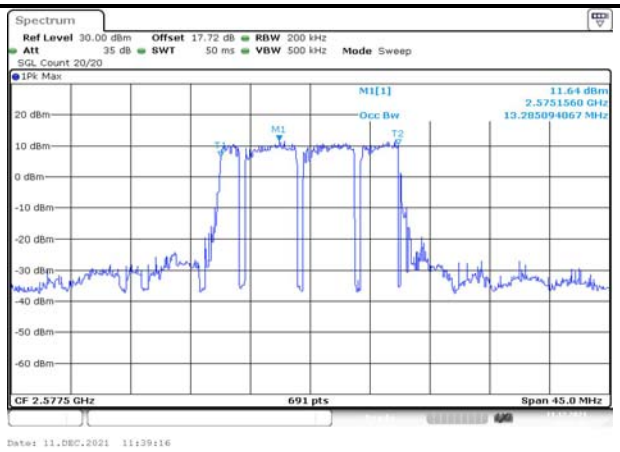


Fig.7

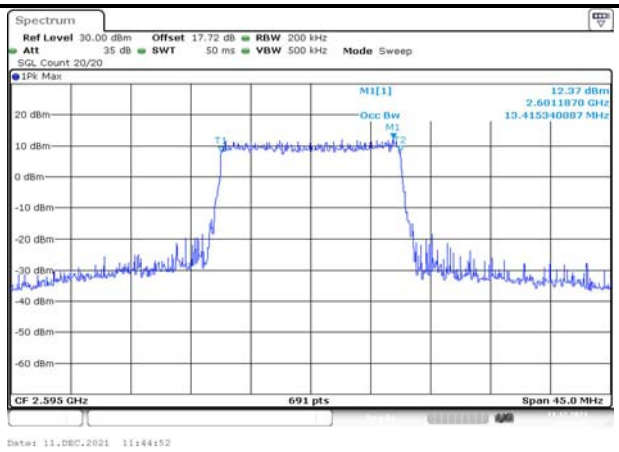


Fig.8

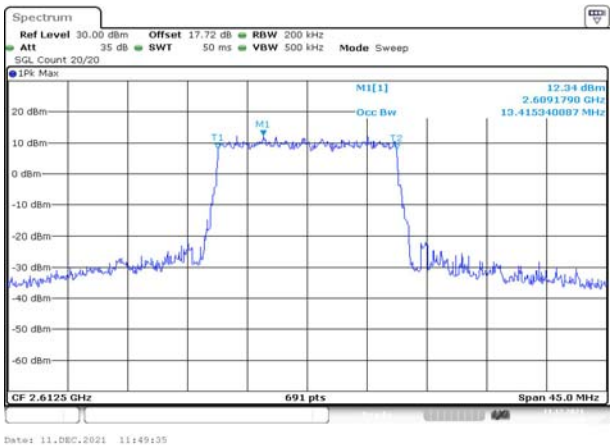


Fig.9

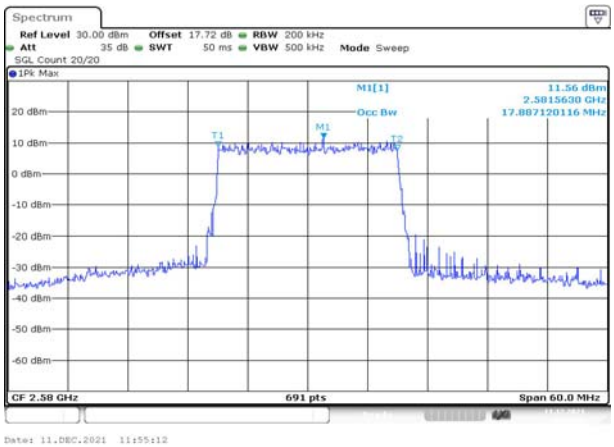


Fig.10

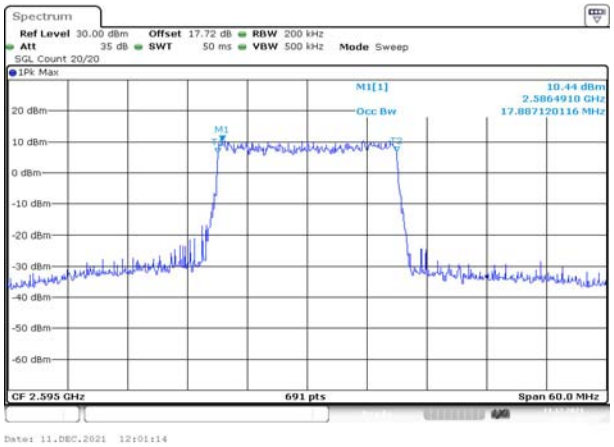


Fig.11

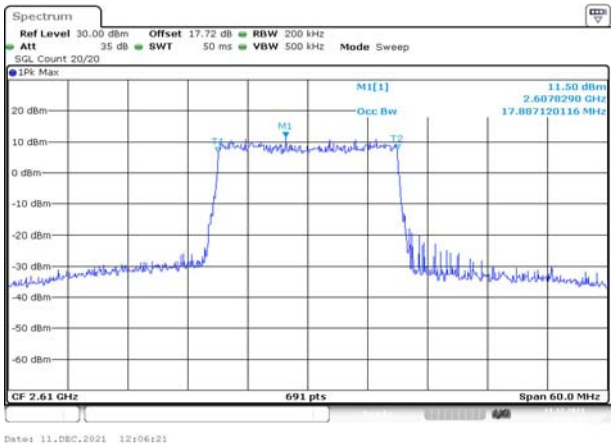


Fig.12

Test Mode: 16QAM

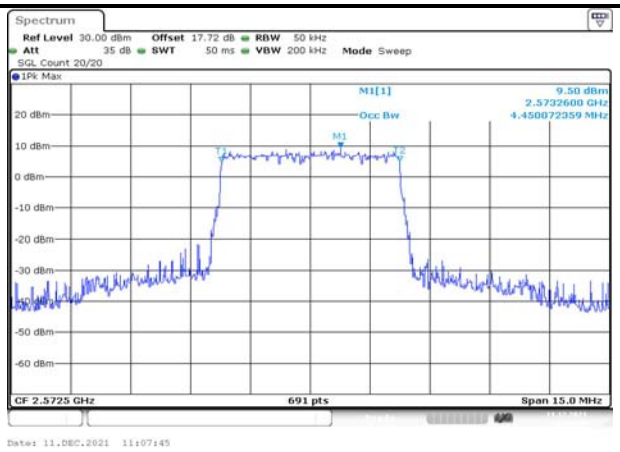


Fig.13

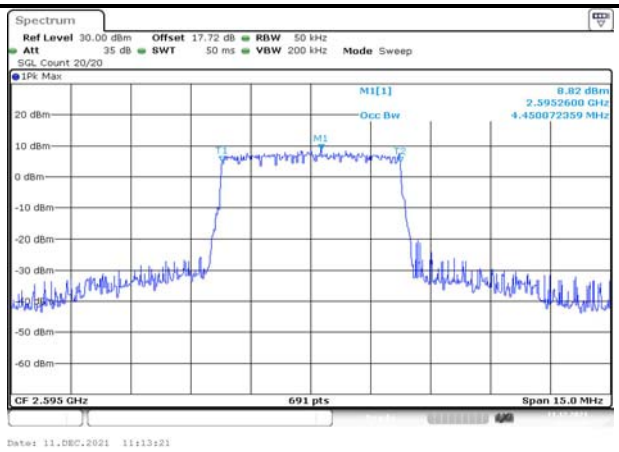
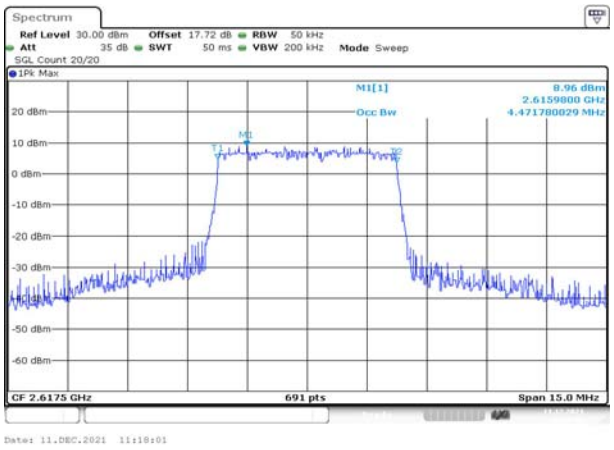


Fig.14



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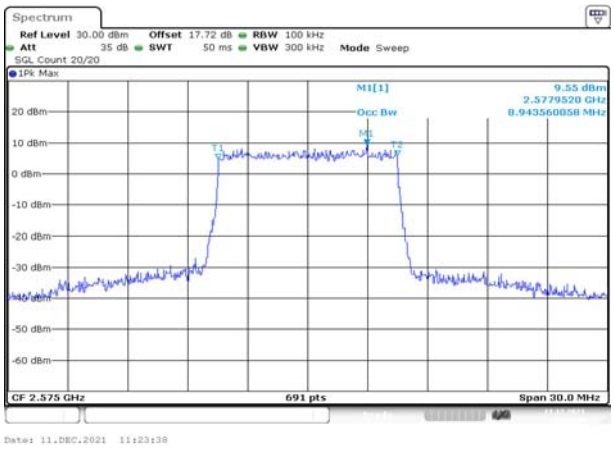


Fig.16

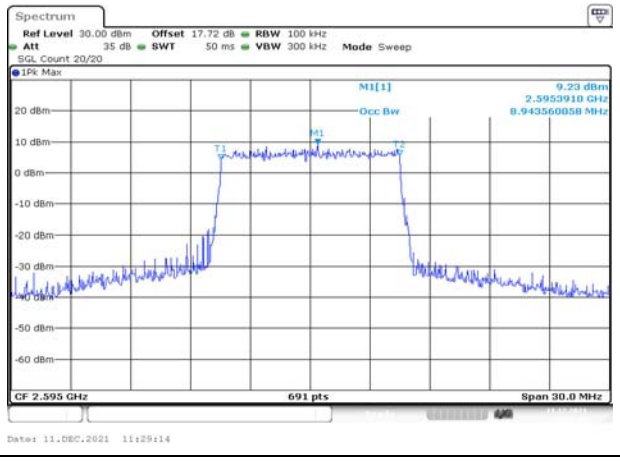
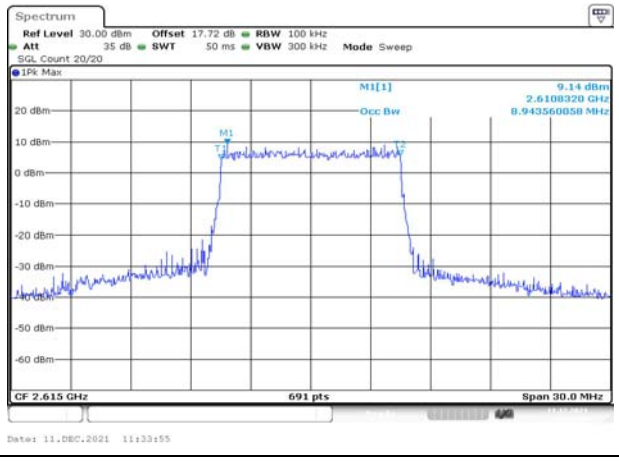


Fig.17



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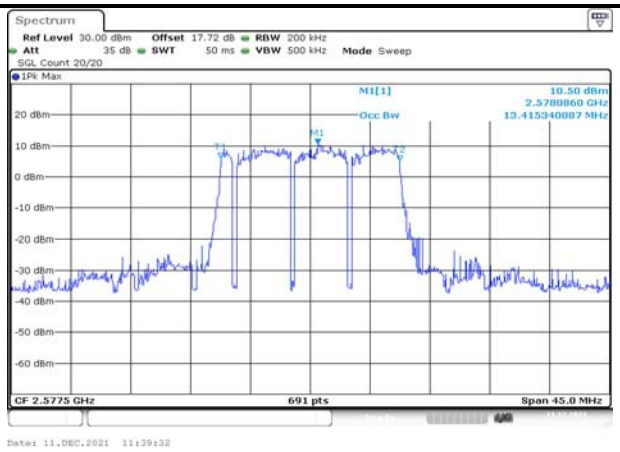

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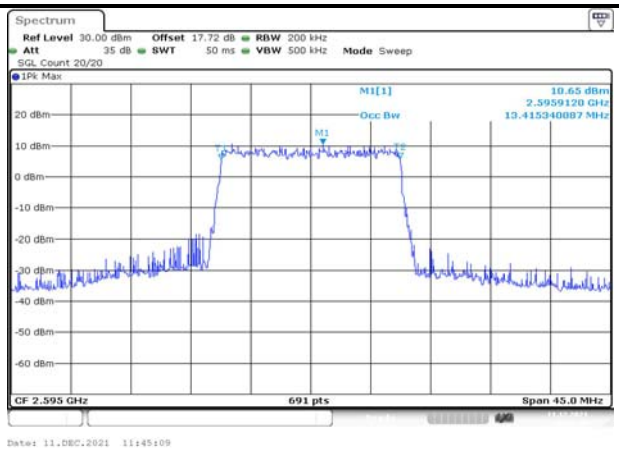
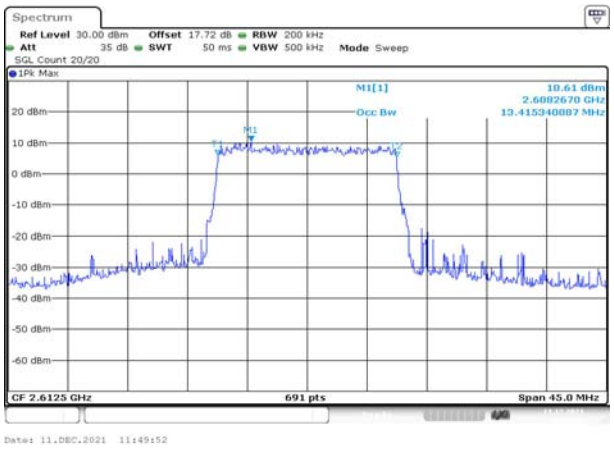


Fig.20



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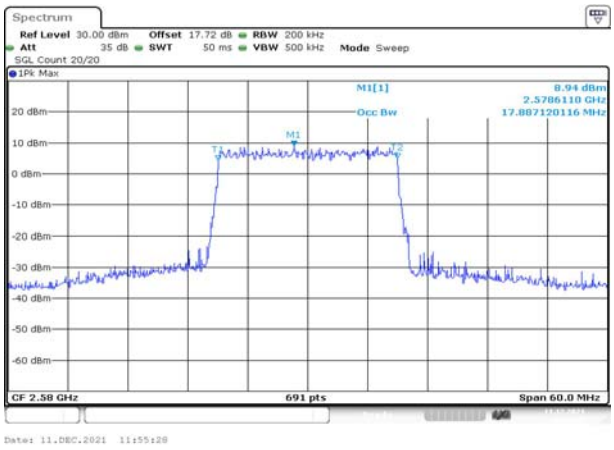


Fig.22

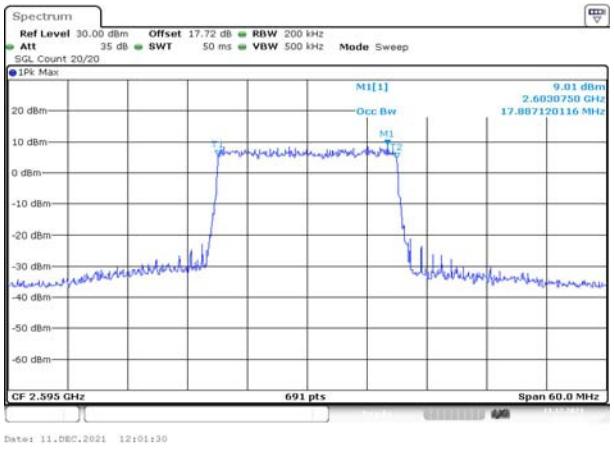


Fig.23

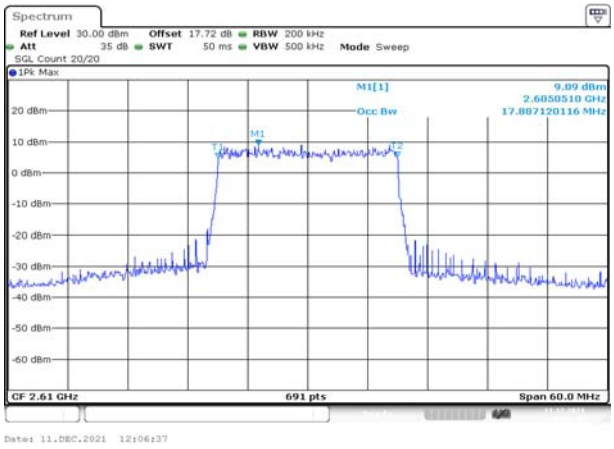


Fig.24

Test Mode: 64QAM

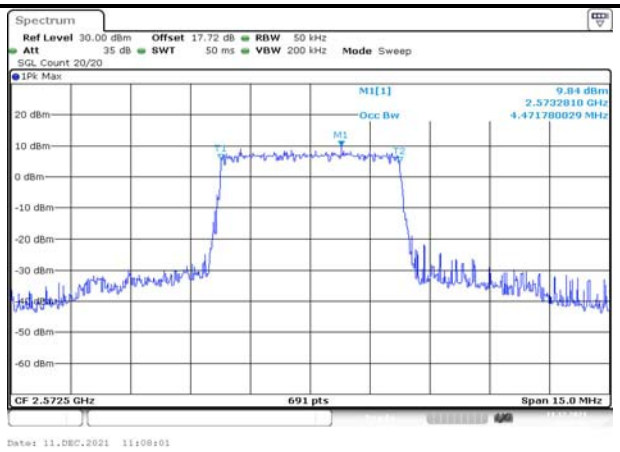


Fig.25

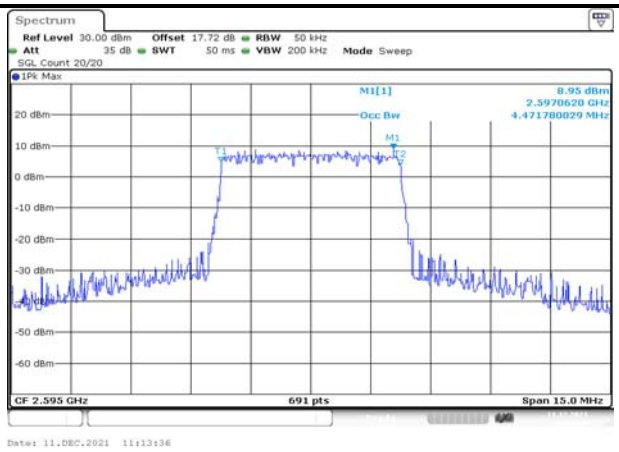


Fig.26

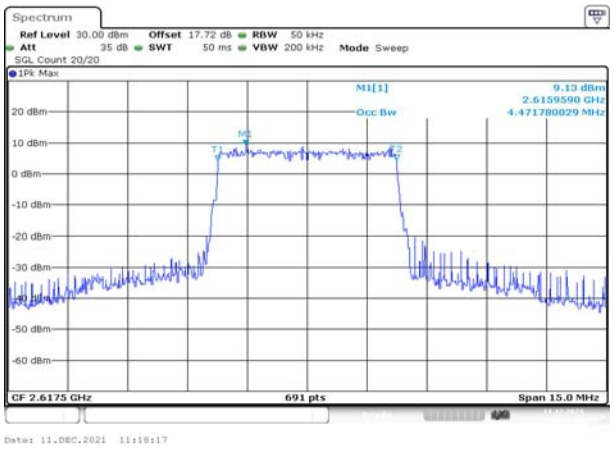


Fig.27

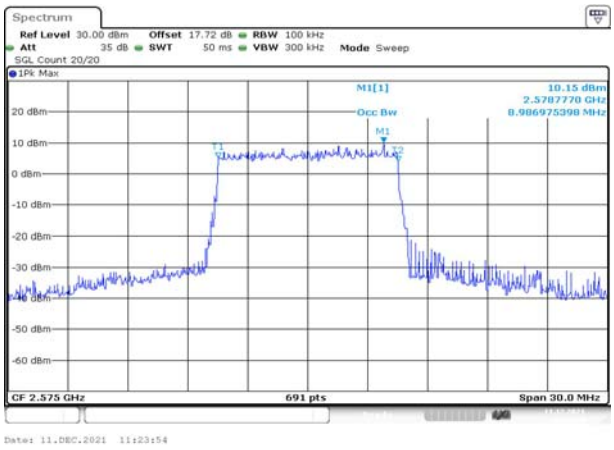


Fig.28

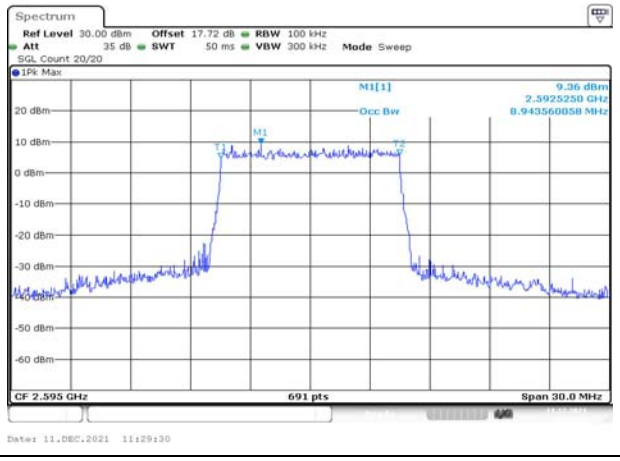


Fig.29

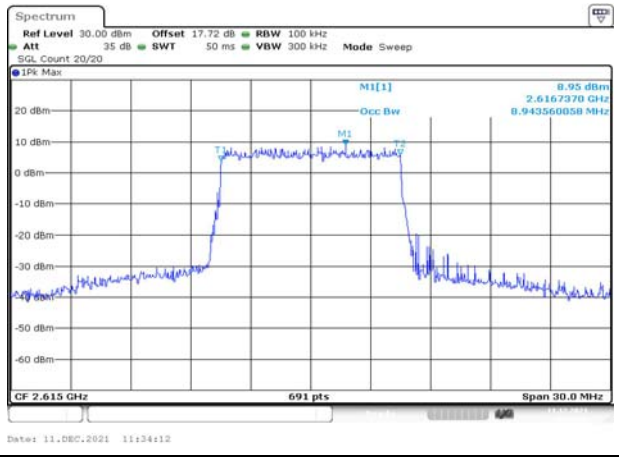


Fig.30

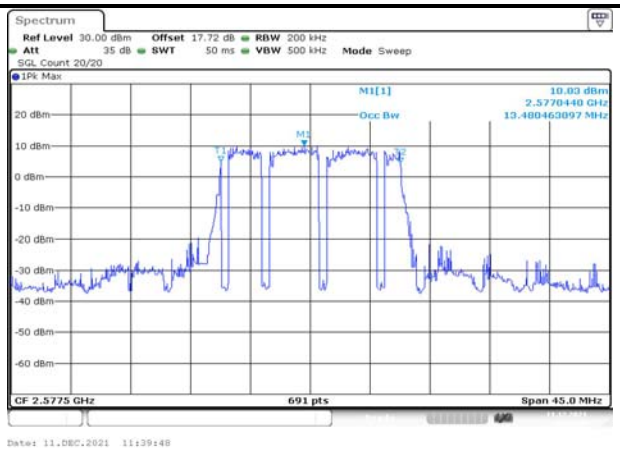


Fig.31

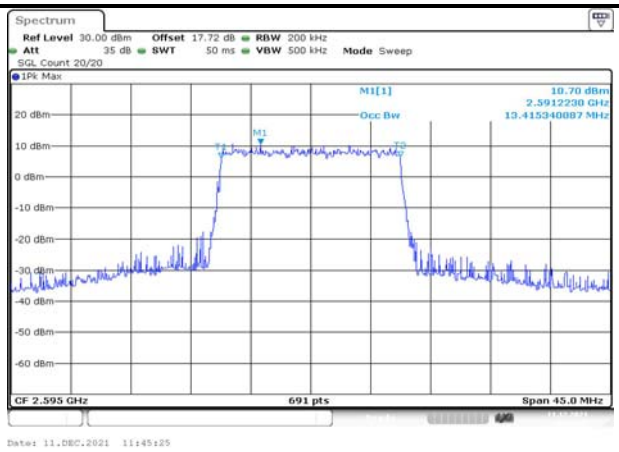


Fig.32

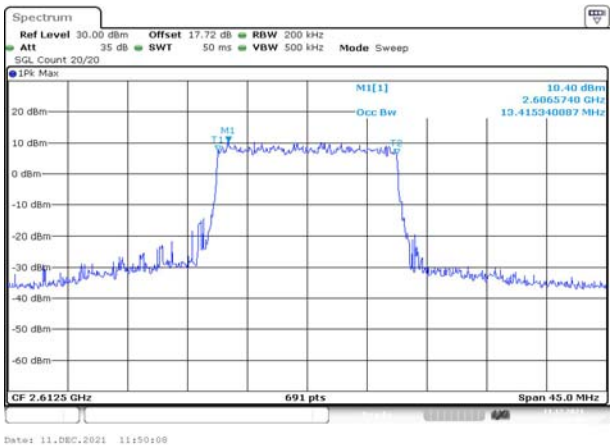


Fig.33

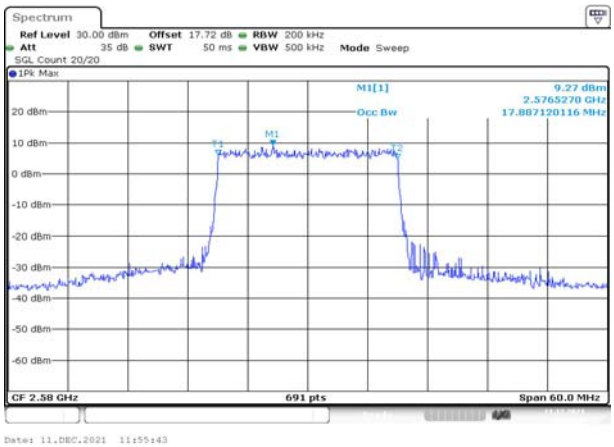


Fig.34

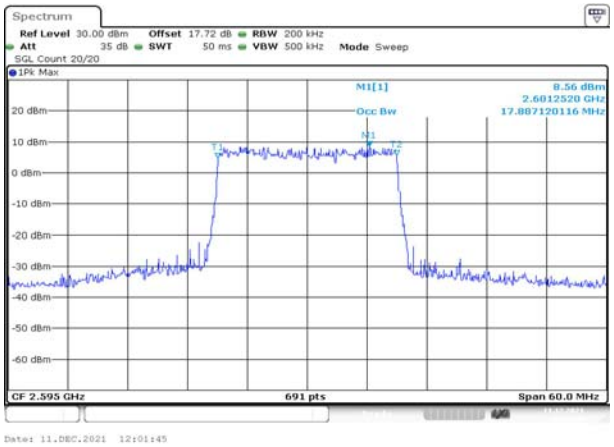


Fig.35

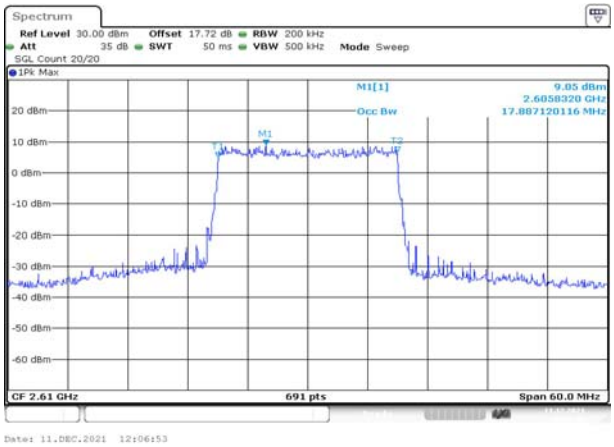


Fig.36

3 Emission Bandwidth

4 Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
Band 38	QPSK	2572.5	37775	5	25	0	4.906	Fig.1
Band 38	QPSK	2595	38000	5	25	0	4.906	Fig.2
Band 38	QPSK	2617.5	38225	5	25	0	4.841	Fig.3
Band 38	QPSK	2575	37800	10	50	0	1.823	Fig.4
Band 38	QPSK	2595	38000	10	50	0	9.508	Fig.5
Band 38	QPSK	2615	38200	10	50	0	9.725	Fig.6
Band 38	QPSK	2577.5	37825	15	75	0	14.783	Fig.7
Band 38	QPSK	2595	38000	15	75	0	14.718	Fig.8
Band 38	QPSK	2612.5	38175	15	75	0	14.718	Fig.9
Band 38	QPSK	2580	37850	20	100	0	19.276	Fig.10
Band 38	QPSK	2595	38000	20	100	0	19.103	Fig.11
Band 38	QPSK	2610	38150	20	100	0	19.276	Fig.12

5 Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
Band 38	16QAM	2572.5	37775	5	25	0	4.863	Fig.13
Band 38	16QAM	2595	38000	5	25	0	4.884	Fig.14
Band 38	16QAM	2617.5	38225	5	25	0	4.841	Fig.15
Band 38	16QAM	2575	37800	10	50	0	1.823	Fig.16
Band 38	16QAM	2595	38000	10	50	0	9.595	Fig.17
Band 38	16QAM	2615	38200	10	50	0	9.682	Fig.18
Band 38	16QAM	2577.5	37825	15	75	0	14.718	Fig.19
Band 38	16QAM	2595	38000	15	75	0	14.718	Fig.20
Band 38	16QAM	2612.5	38175	15	75	0	14.522	Fig.21
Band 38	16QAM	2580	37850	20	100	0	19.276	Fig.22
Band 38	16QAM	2595	38000	20	100	0	19.103	Fig.23
Band 38	16QAM	2610	38150	20	100	0	19.190	Fig.24

6 Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
Band 38	64QAM	2572.5	37775	5	25	0	4.819	Fig.25
Band 38	64QAM	2595	38000	5	25	0	4.863	Fig.26
Band 38	64QAM	2617.5	38225	5	25	0	4.841	Fig.27
Band 38	64QAM	2575	37800	10	50	0	1.780	Fig.28
Band 38	64QAM	2595	38000	10	50	0	9.595	Fig.29
Band 38	64QAM	2615	38200	10	50	0	9.725	Fig.30
Band 38	64QAM	2577.5	37825	15	75	0	14.588	Fig.31
Band 38	64QAM	2595	38000	15	75	0	14.718	Fig.32
Band 38	64QAM	2612.5	38175	15	75	0	14.588	Fig.33
Band 38	64QAM	2580	37850	20	100	0	19.276	Fig.34
Band 38	64QAM	2595	38000	20	100	0	19.276	Fig.35
Band 38	64QAM	2610	38150	20	100	0	19.450	Fig.36

Test Mode: QPSK

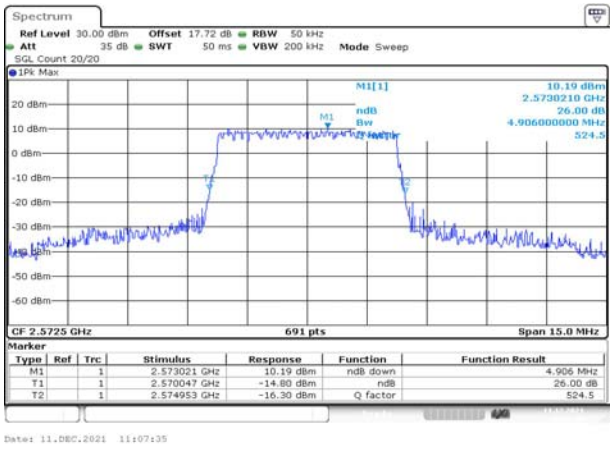


Fig.1

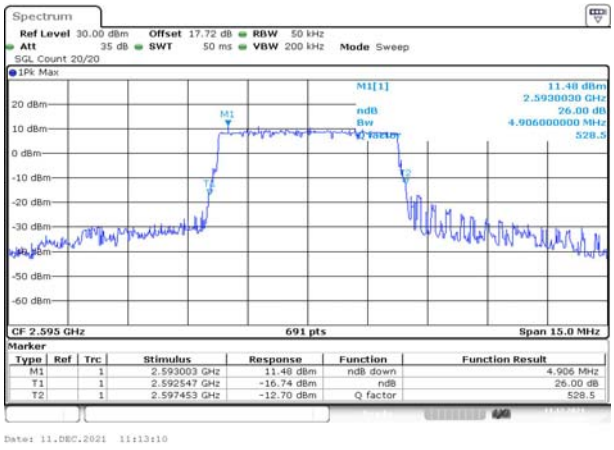


Fig.2

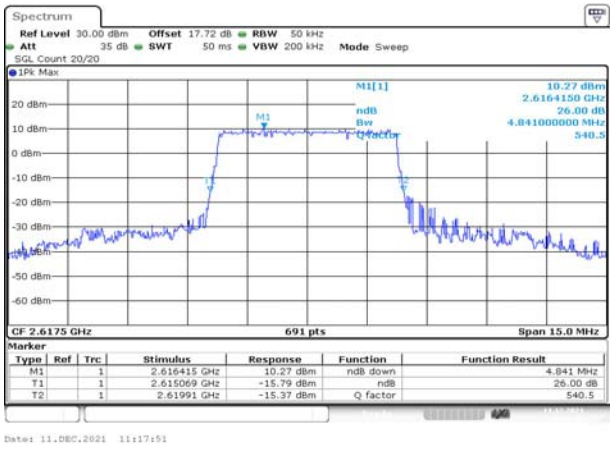


Fig.3

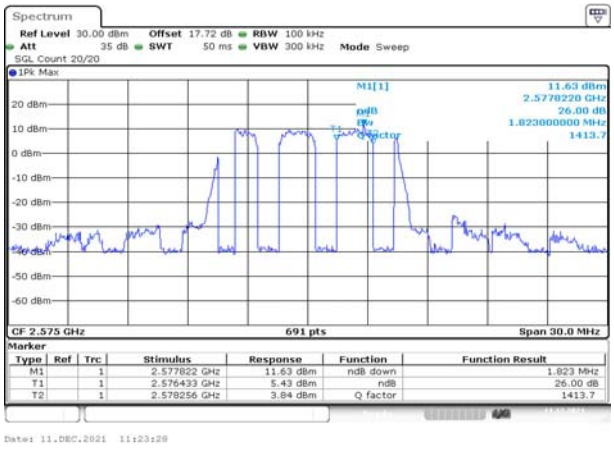


Fig.4

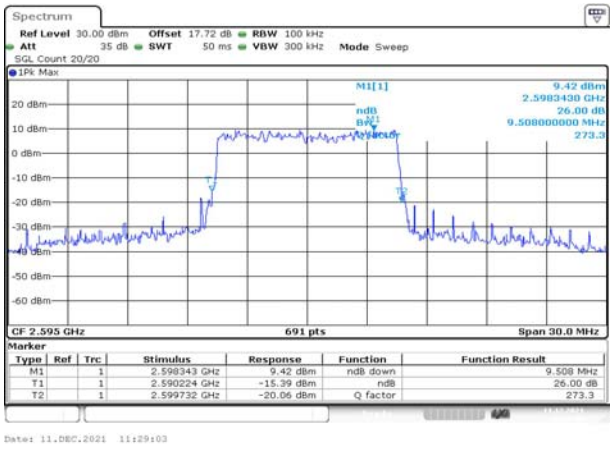


Fig.5

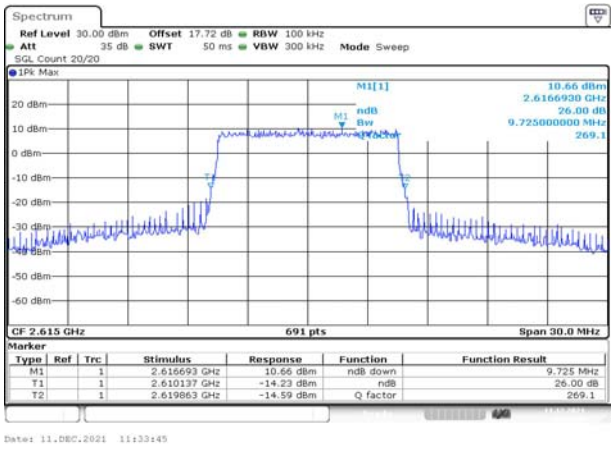


Fig.6

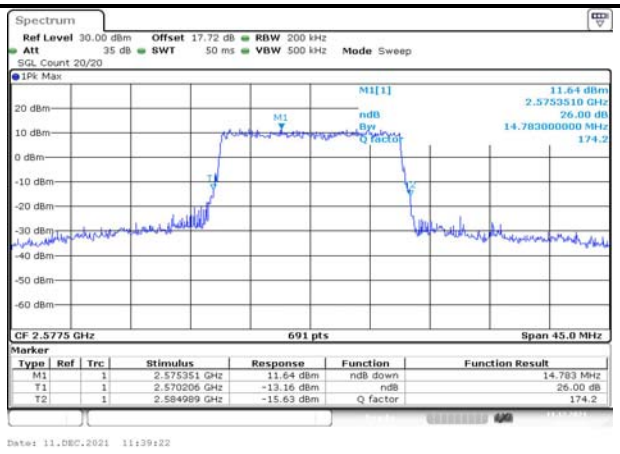


Fig.7

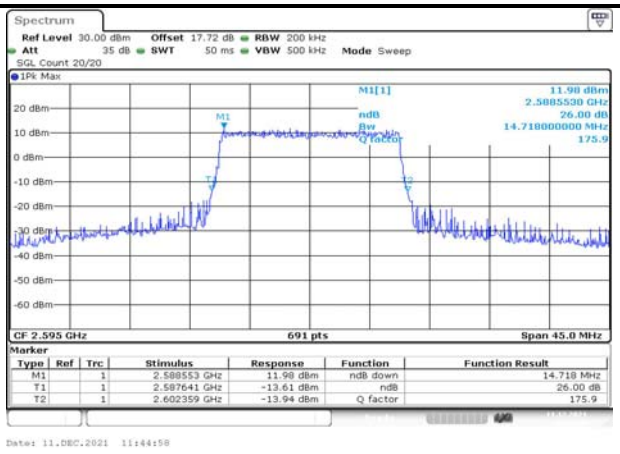


Fig.8

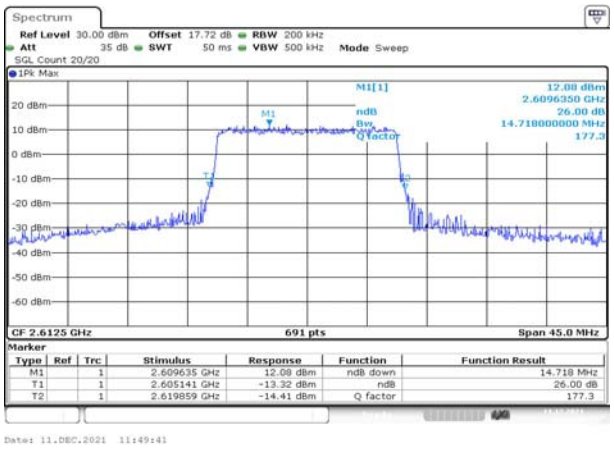


Fig.9

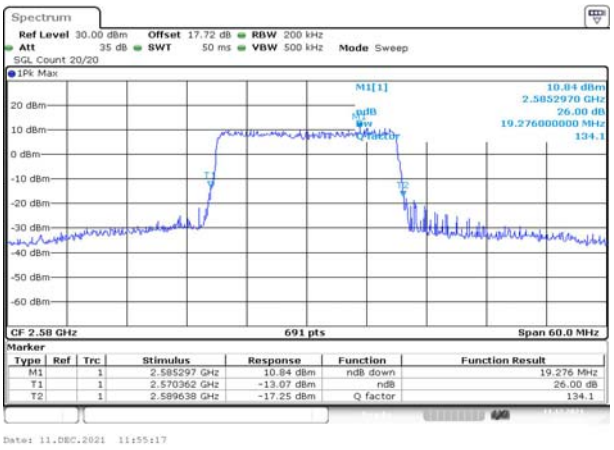


Fig.10

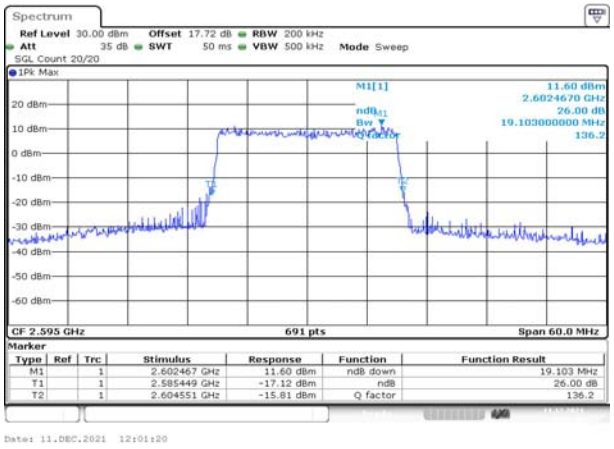


Fig.11

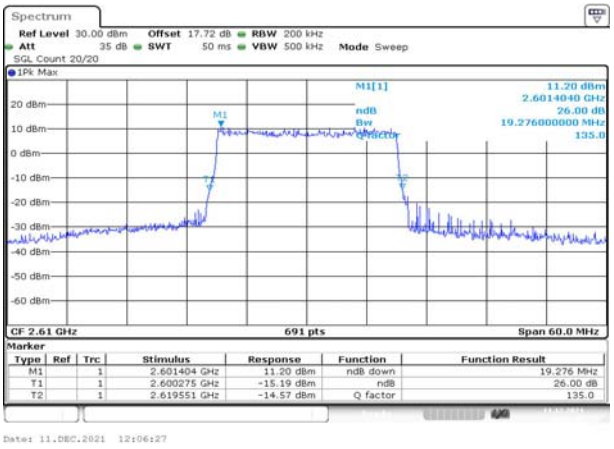


Fig.12

Test Mode: 16QAM

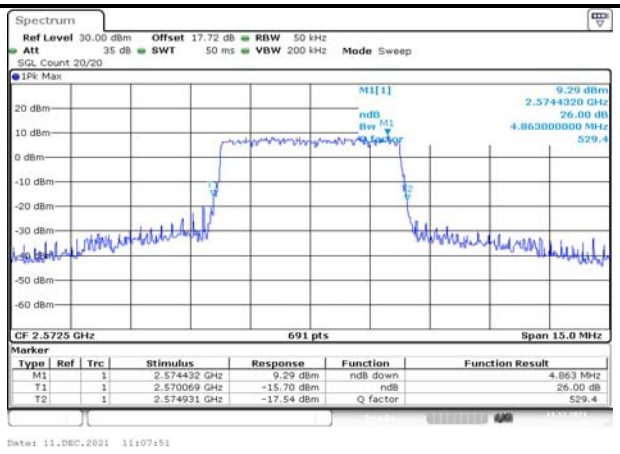


Fig.13

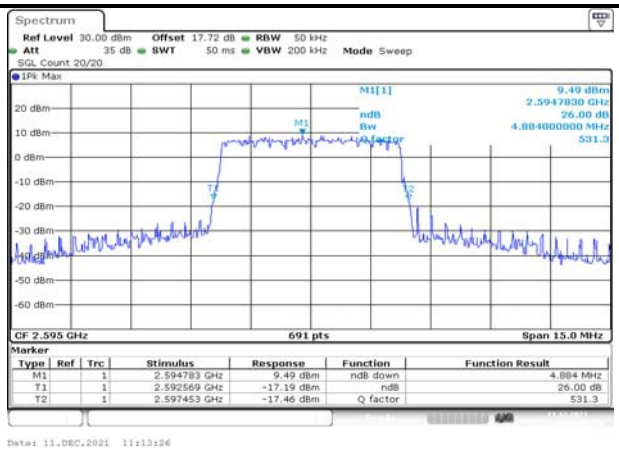


Fig.14

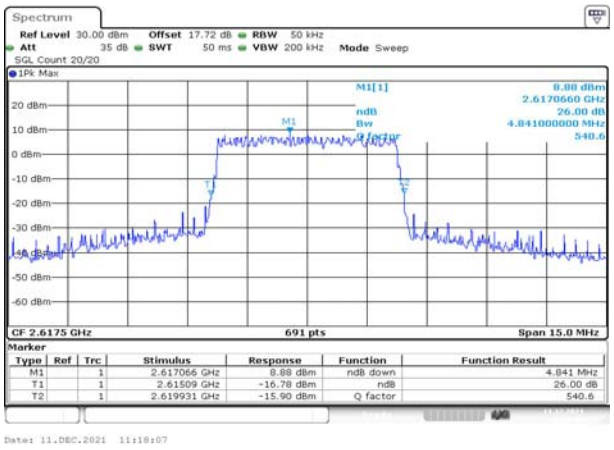


Fig.15

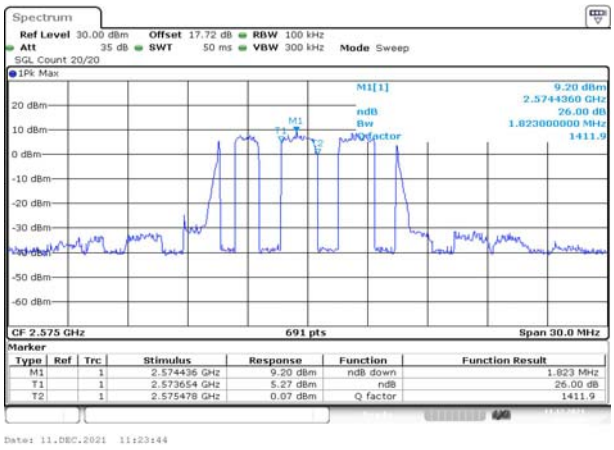


Fig.16

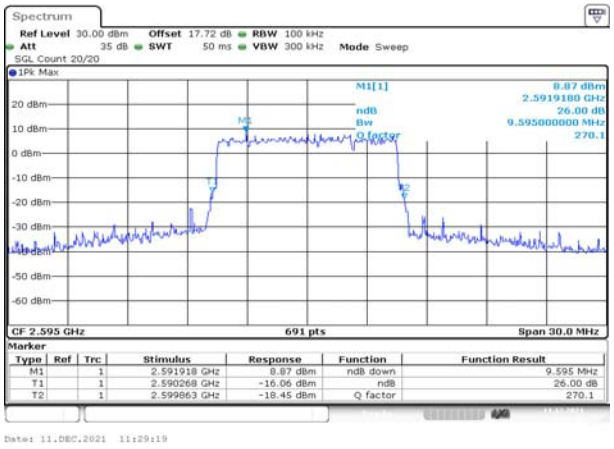


Fig.17

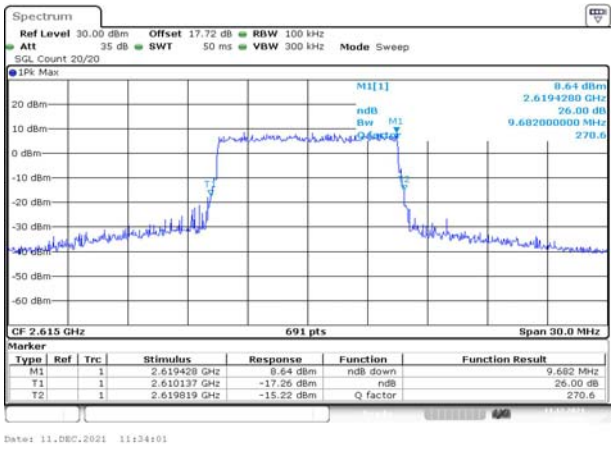
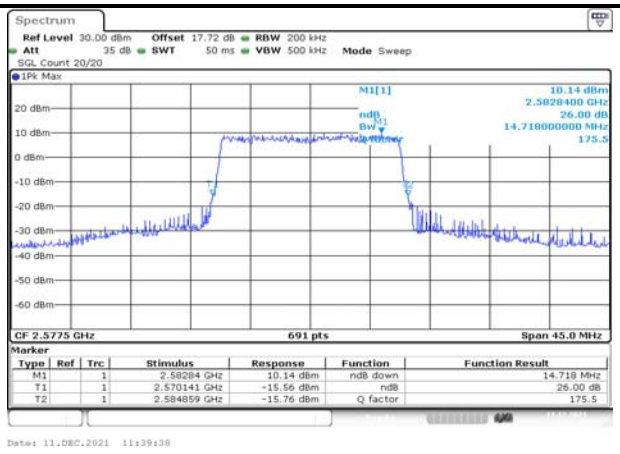


Fig.18



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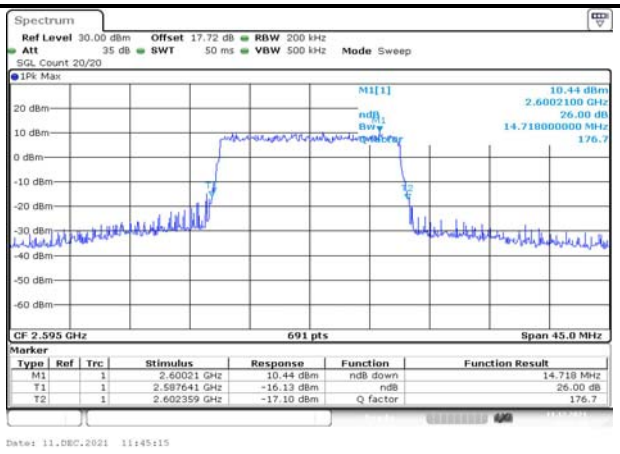

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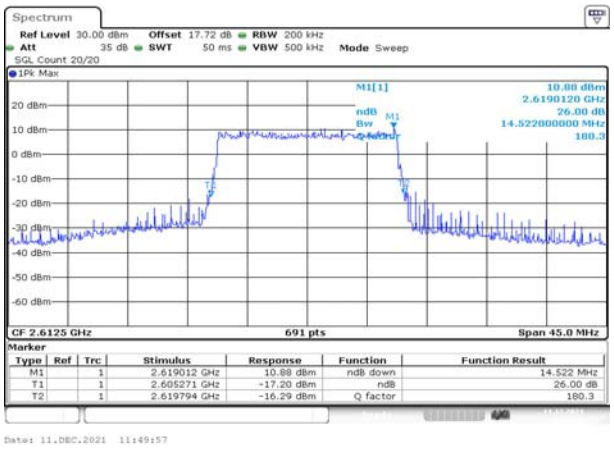

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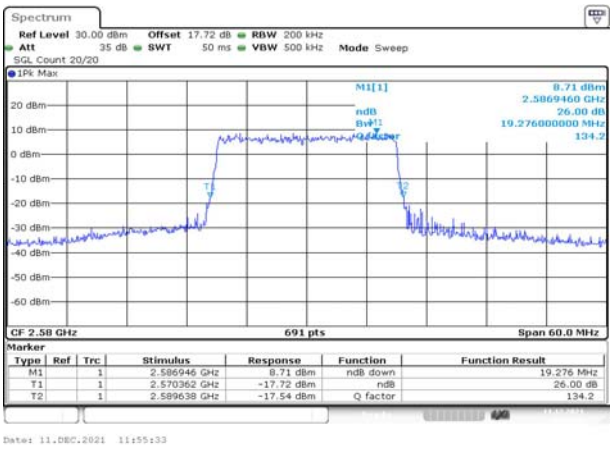

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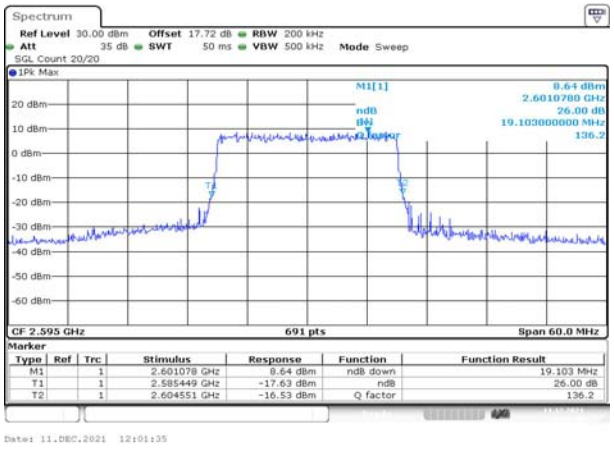

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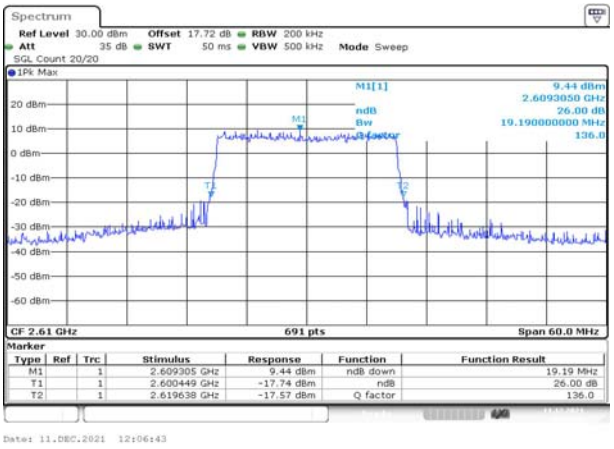
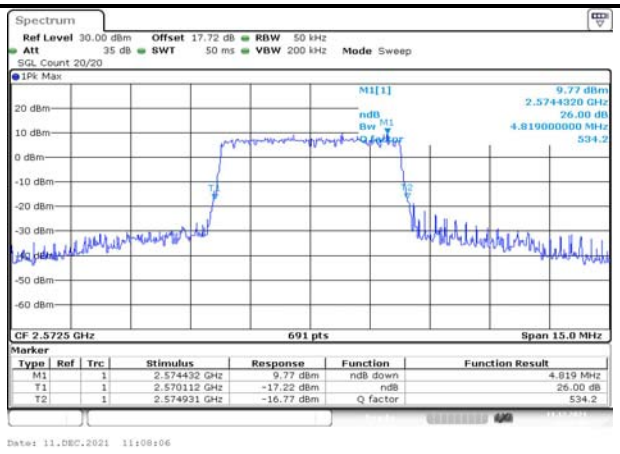


Fig.24

Test Mode: 64QAM



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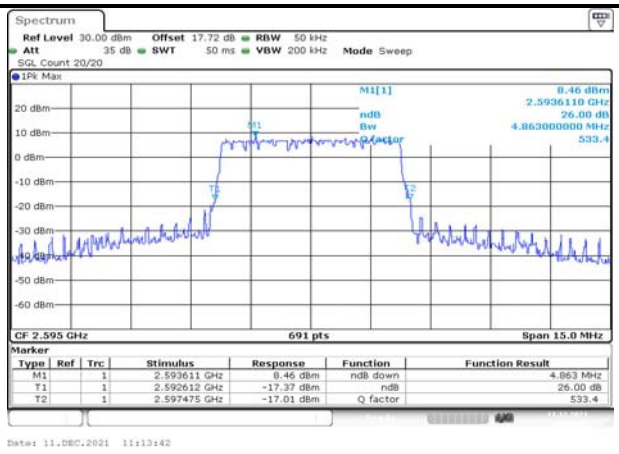

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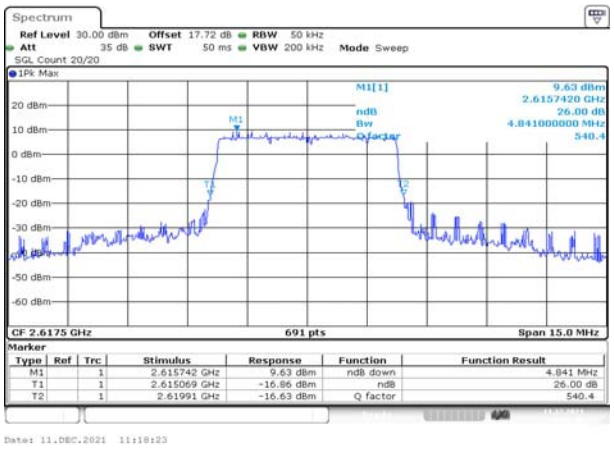

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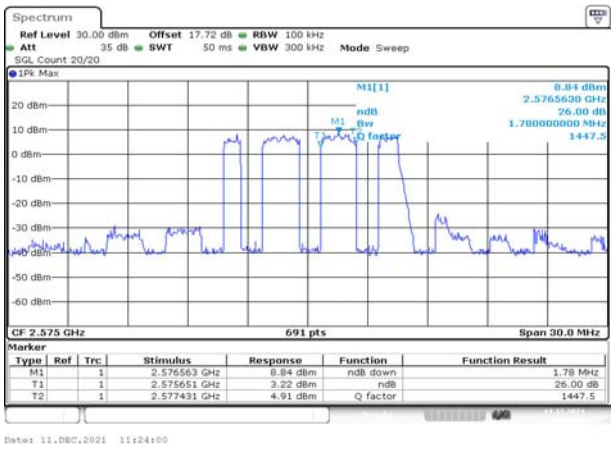

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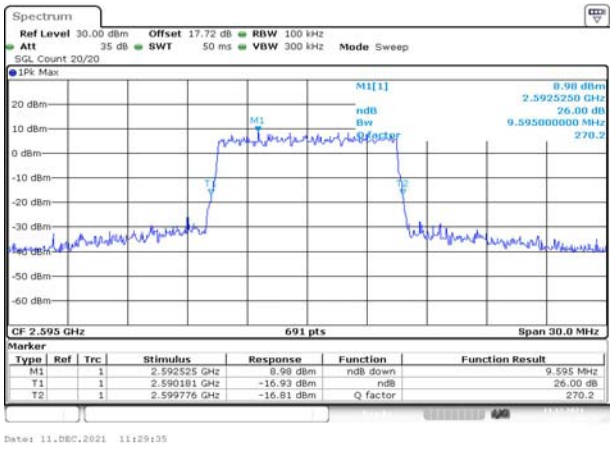

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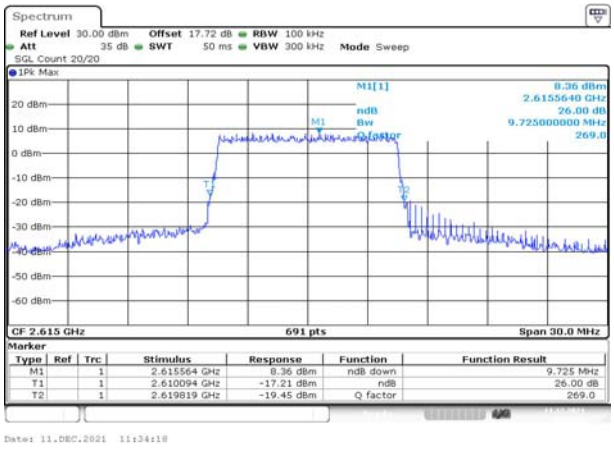

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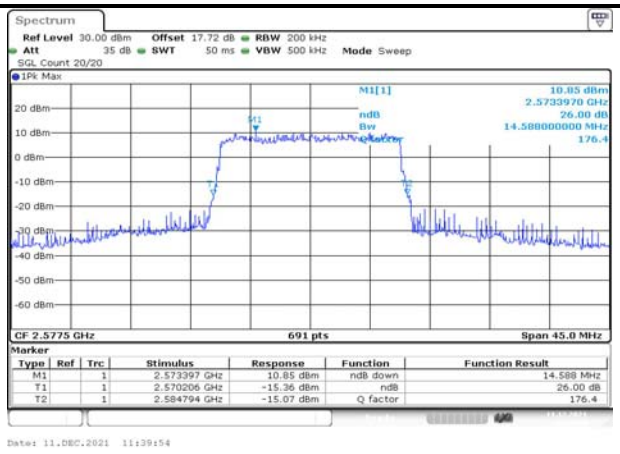

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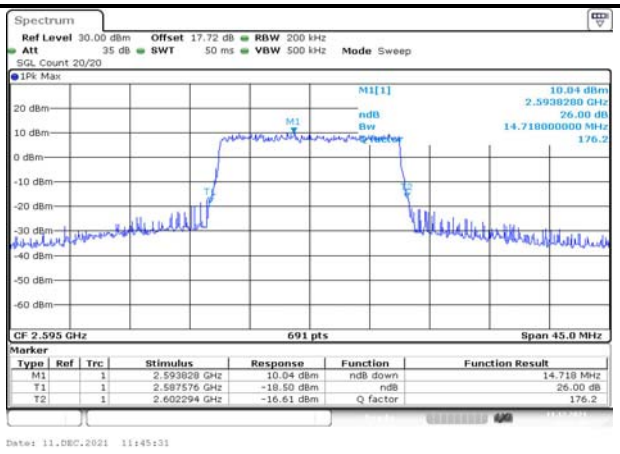

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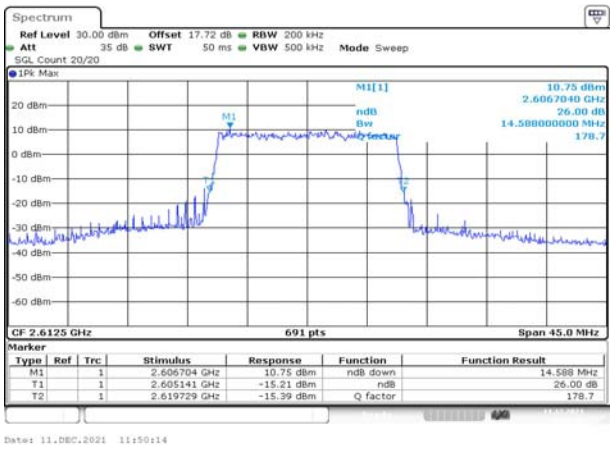

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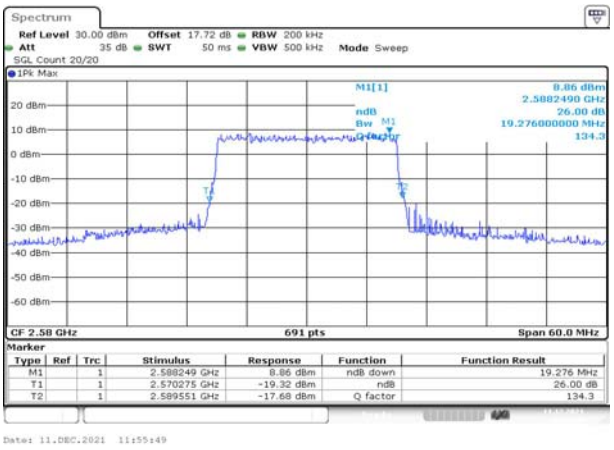

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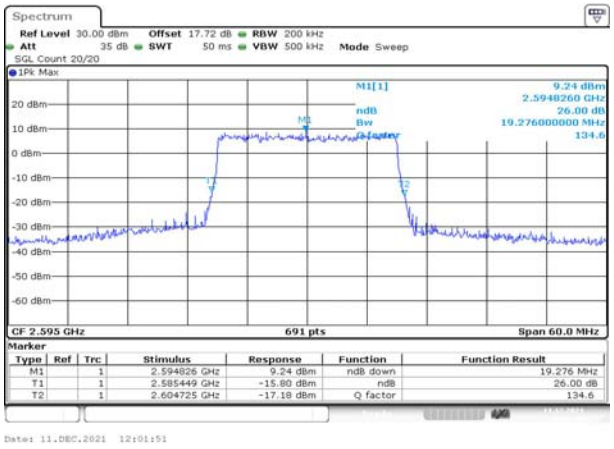

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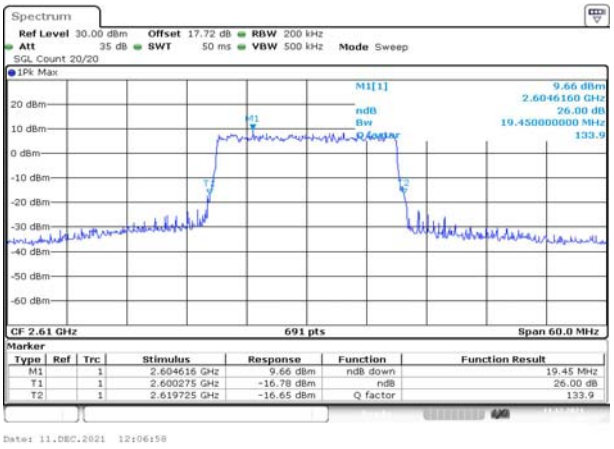


Fig.36

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
38	2572.5	37775	5	1	24	Fig.1	Fig.2	Fig.3
38	2572.5	37775	5	25	0	Fig.4	Fig.5	Fig.6
38	2595	38000	5	1	24	Fig.7	Fig.8	Fig.9
38	2595	38000	5	25	0	Fig.10	Fig.11	Fig.12
38	2617.5	38225	5	1	24	Fig.13	Fig.14	Fig.15
38	2617.5	38225	5	25	0	Fig.16	Fig.17	Fig.18
38	2575	37800	10	1	49	Fig.19	Fig.20	Fig.21
38	2575	37800	10	50	0	Fig.22	Fig.23	Fig.24
38	2595	38000	10	1	49	Fig.25	Fig.26	Fig.27
38	2595	38000	10	50	0	Fig.28	Fig.29	Fig.30
38	2615	38200	10	1	49	Fig.31	Fig.32	Fig.33
38	2615	38200	10	50	0	Fig.34	Fig.35	Fig.36
38	2577.5	37825	15	1	74	Fig.37	Fig.38	Fig.39
38	2577.5	37825	15	75	0	Fig.40	Fig.41	Fig.42
38	2595	38000	15	1	74	Fig.43	Fig.44	Fig.45
38	2595	38000	15	75	0	Fig.46	Fig.47	Fig.48
38	2612.5	38175	15	1	74	Fig.49	Fig.50	Fig.51
38	2612.5	38175	15	75	0	Fig.52	Fig.53	Fig.54
38	2580	37850	20	1	99	Fig.55	Fig.56	Fig.57
38	2580	37850	20	100	0	Fig.58	Fig.59	Fig.60
38	2595	38000	20	1	99	Fig.61	Fig.62	Fig.63
38	2595	38000	20	100	0	Fig.64	Fig.65	Fig.66
38	2610	38150	20	1	99	Fig.67	Fig.68	Fig.69
38	2610	38150	20	100	0	Fig.70	Fig.71	Fig.72

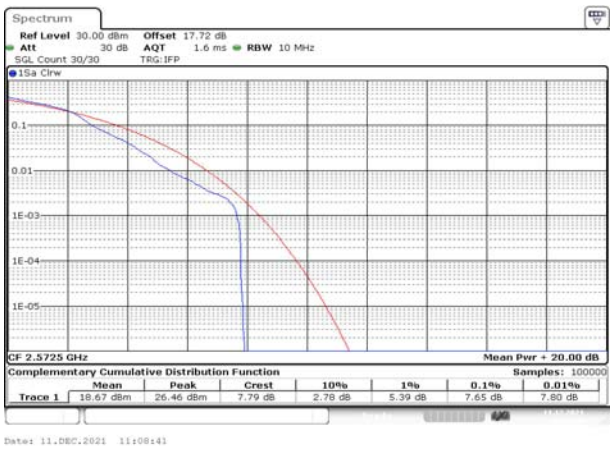


Fig.1

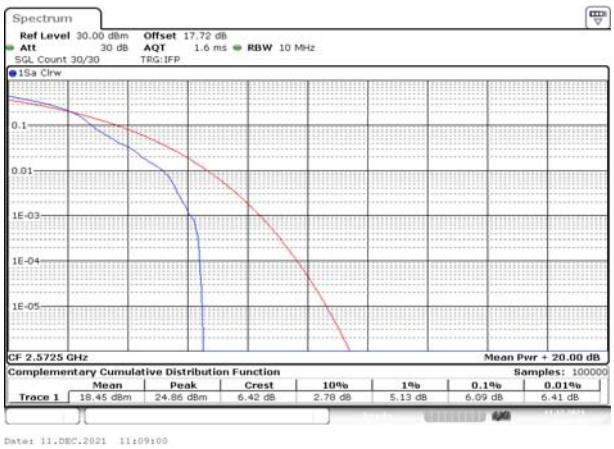
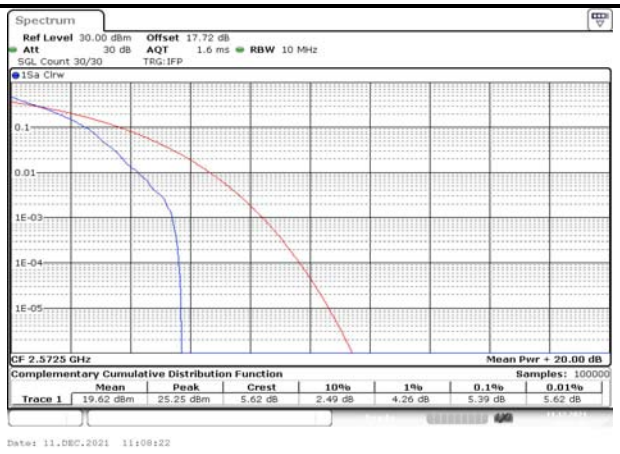


Fig.2



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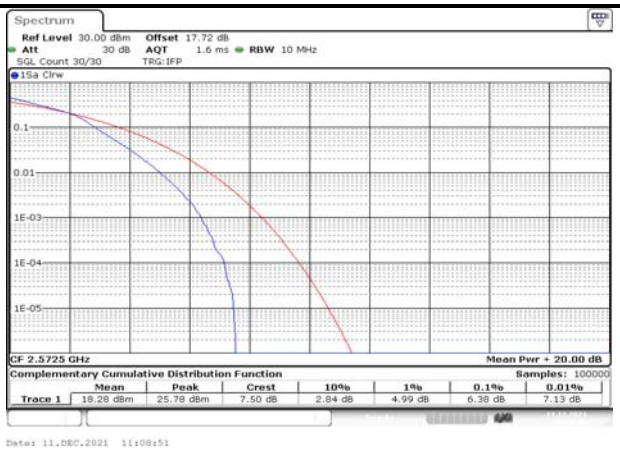
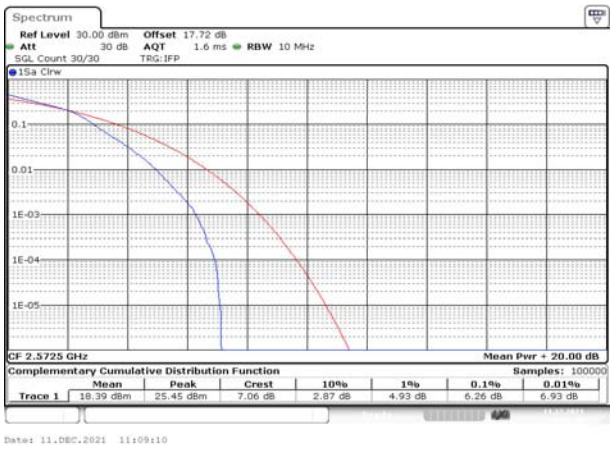


Fig.4



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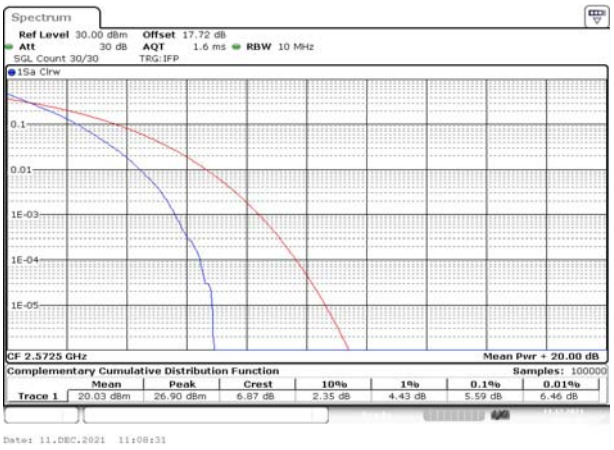

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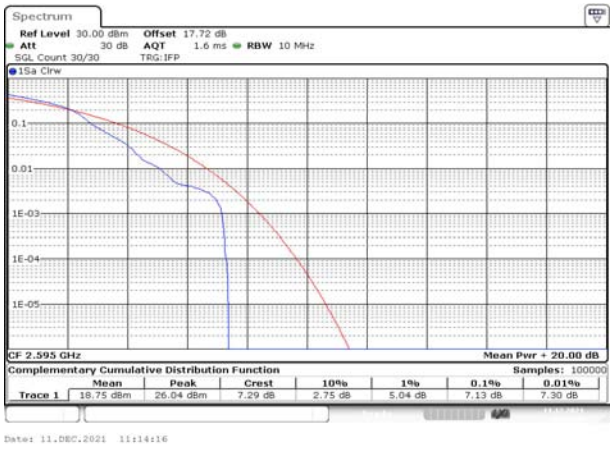

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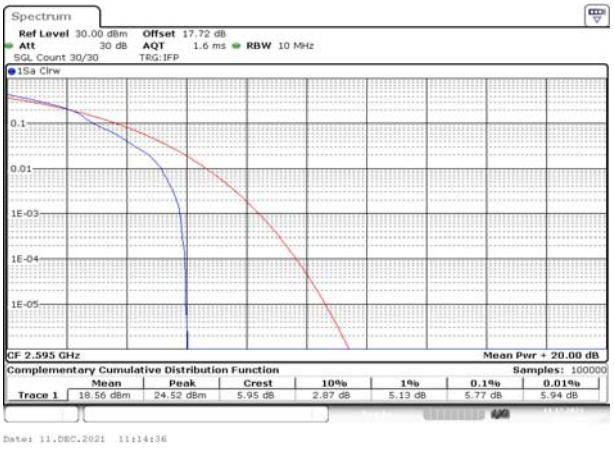


Fig.8

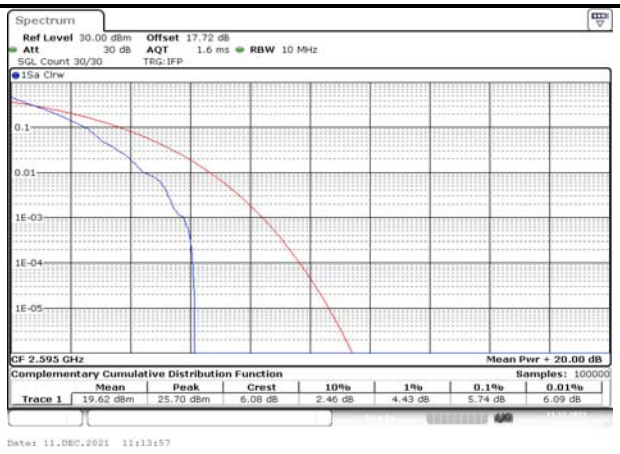


Fig.9

Fig.10

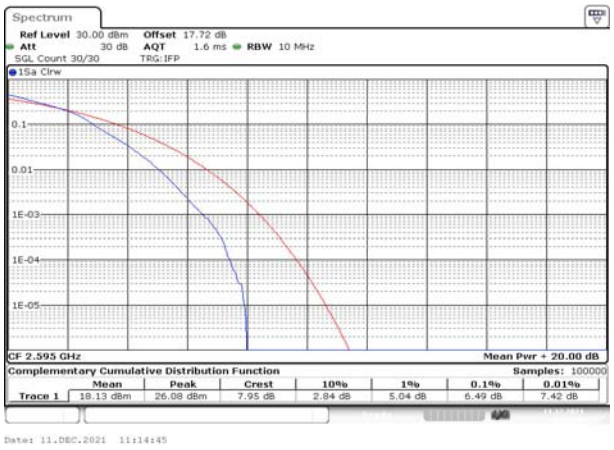
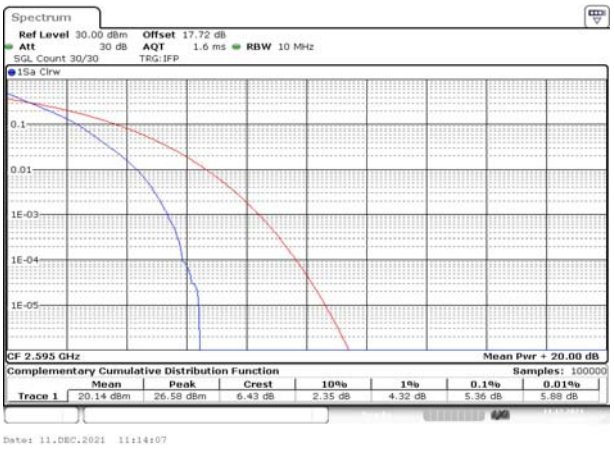


Fig.11



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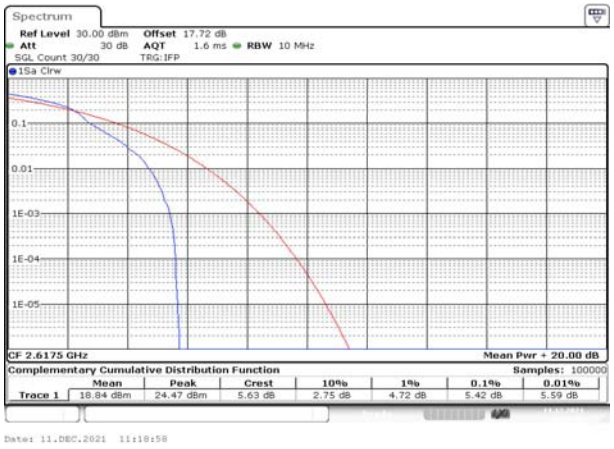

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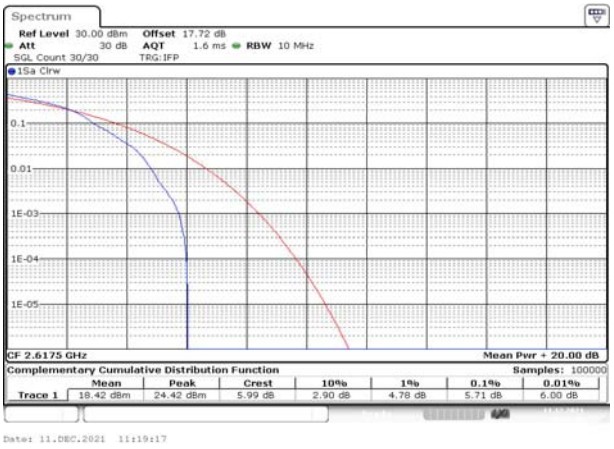

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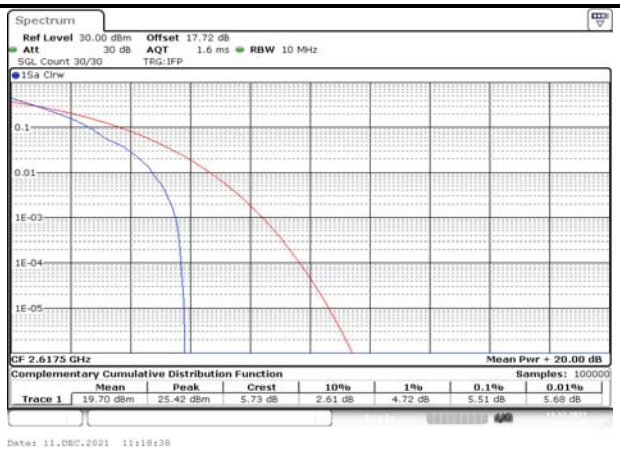

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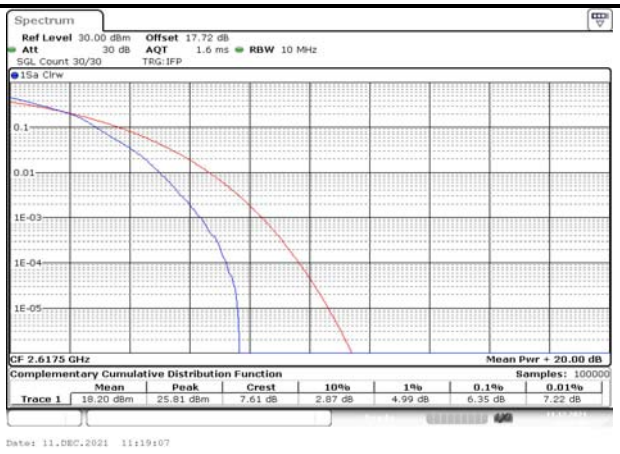

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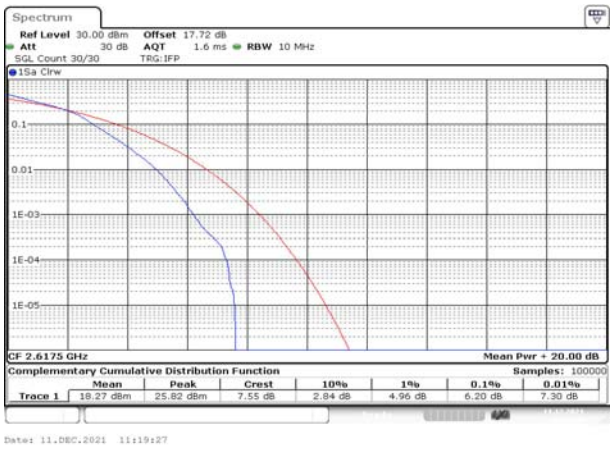

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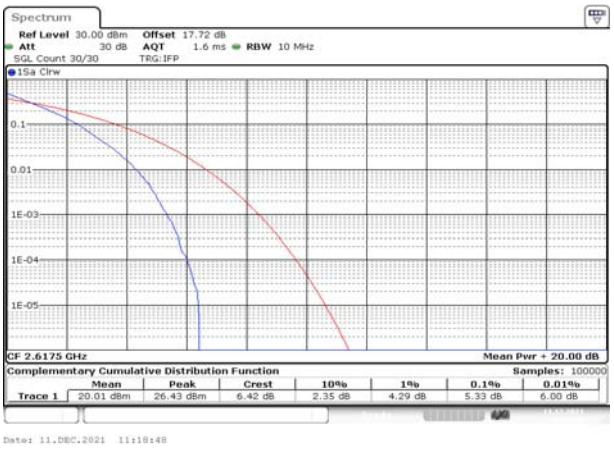

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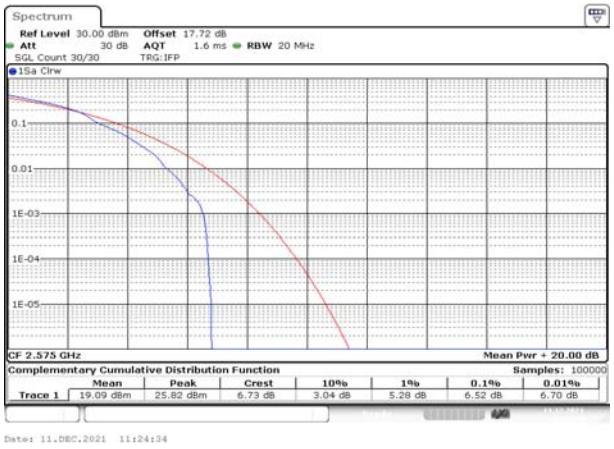

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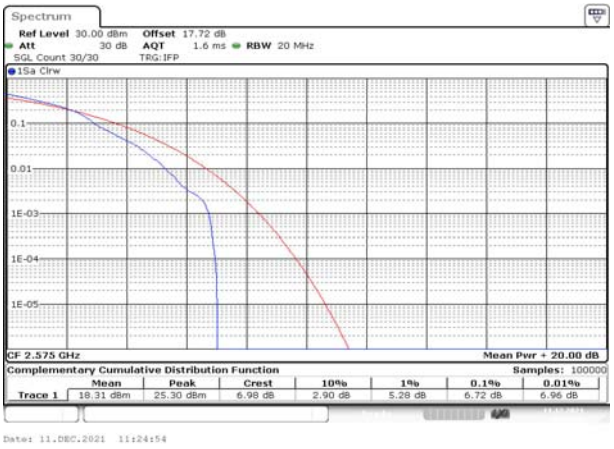

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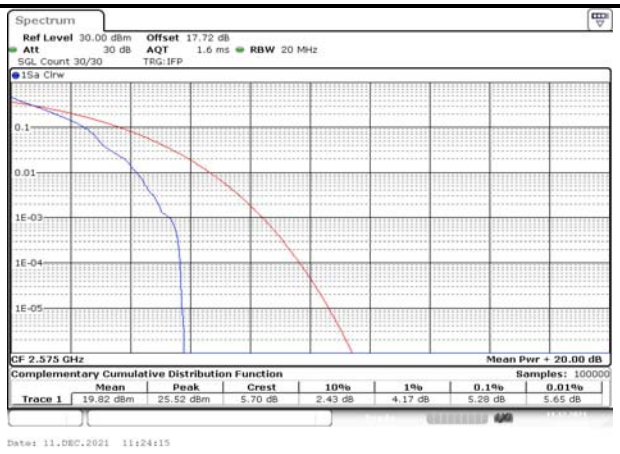

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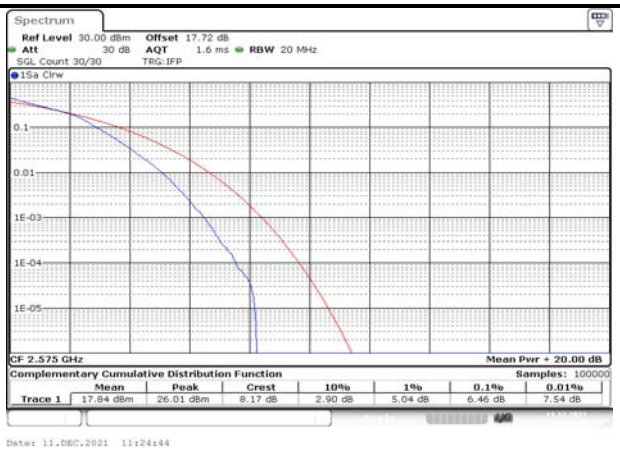

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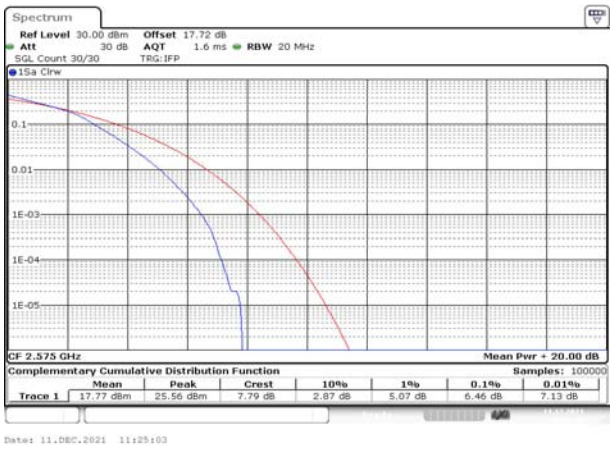

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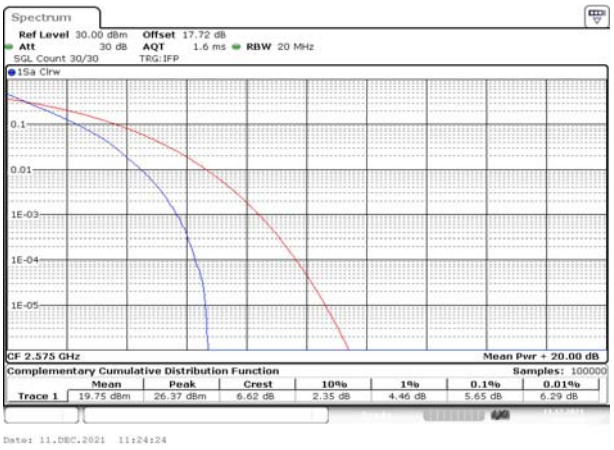

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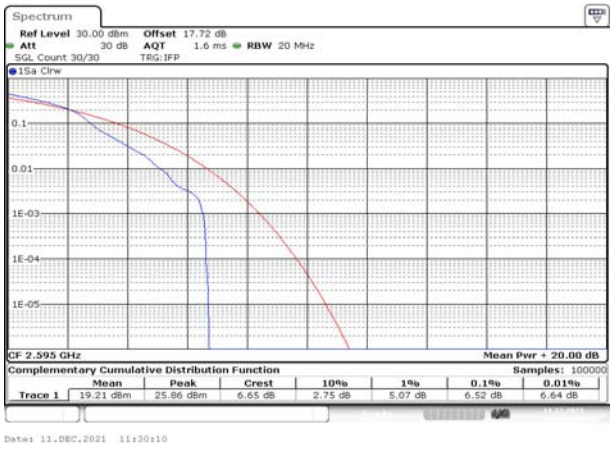

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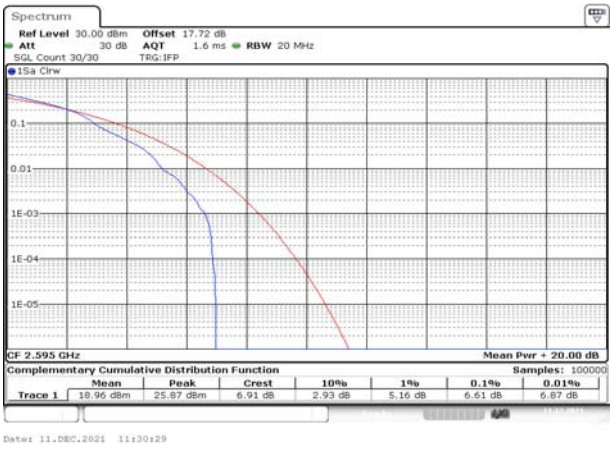

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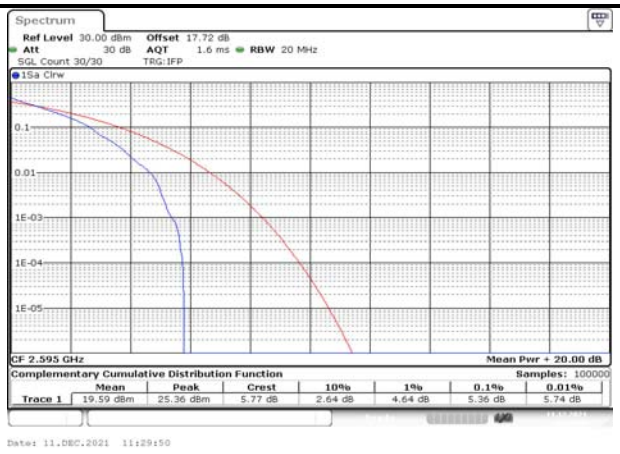
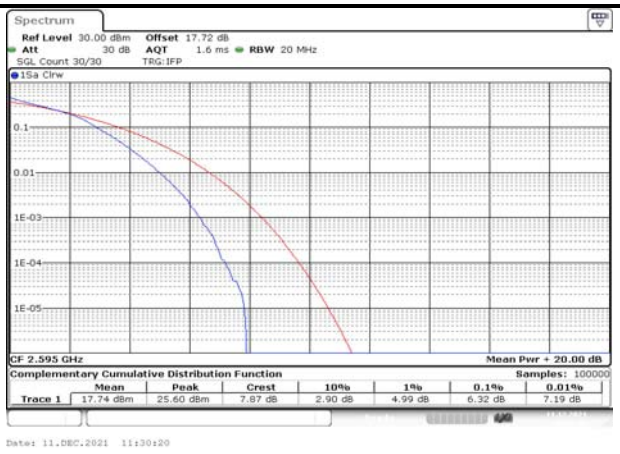


Fig.27



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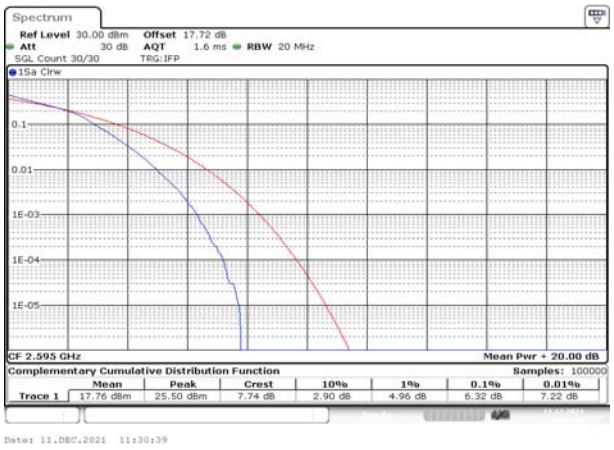

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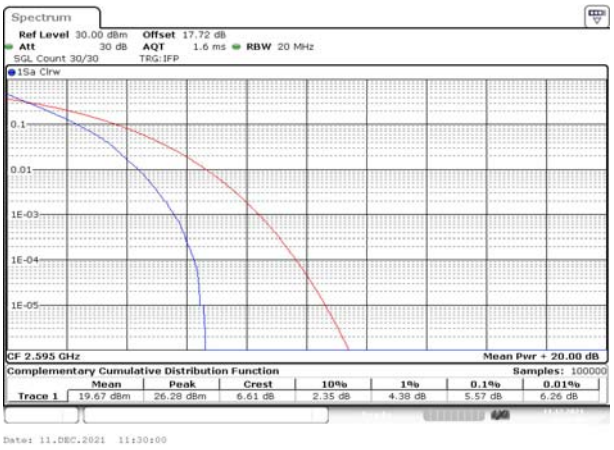

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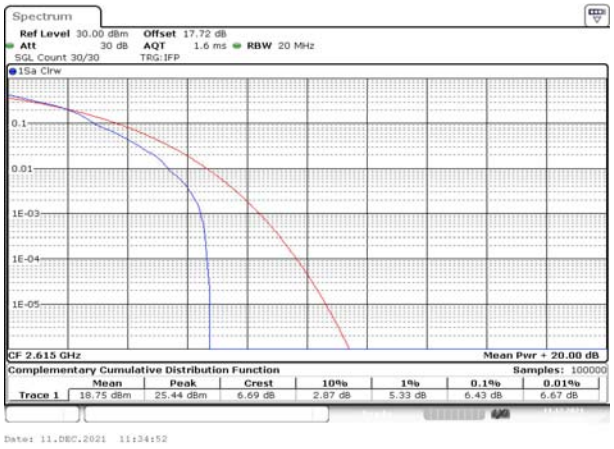
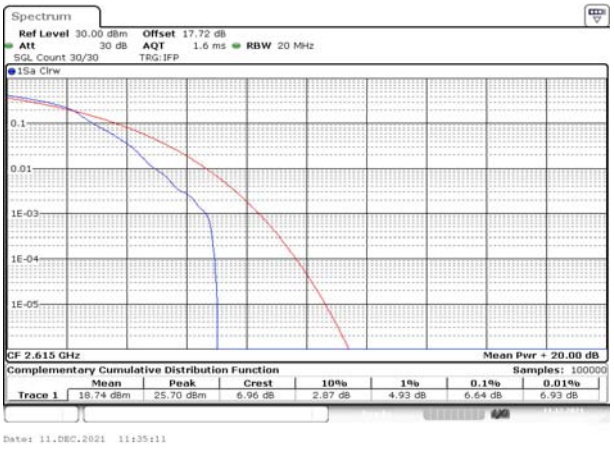


Fig.31



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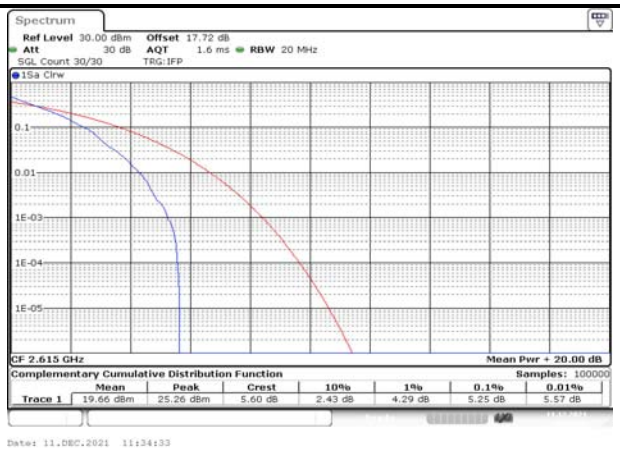
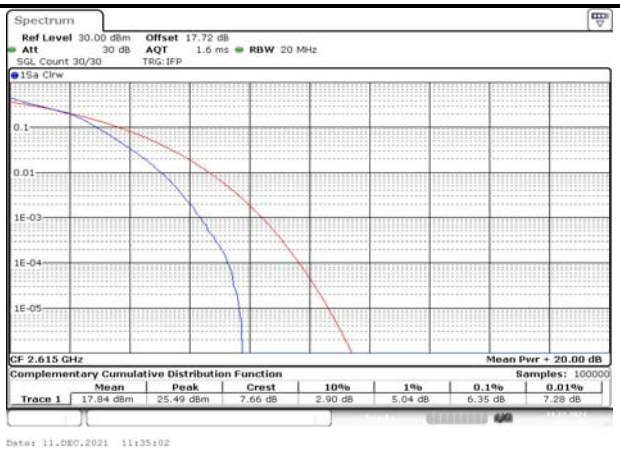


Fig.33



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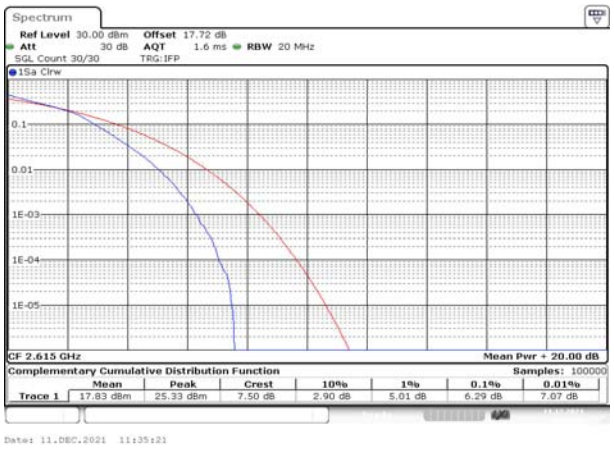

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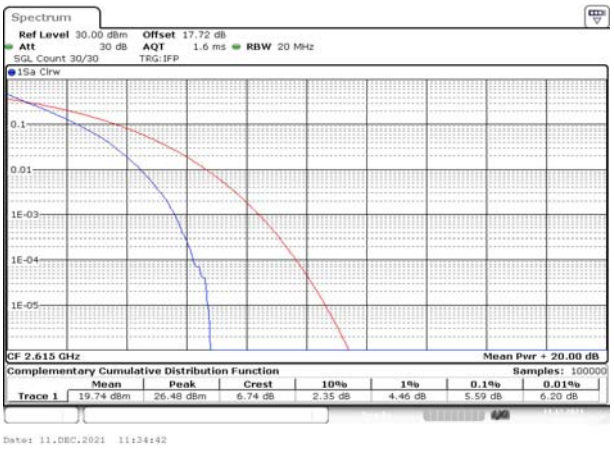

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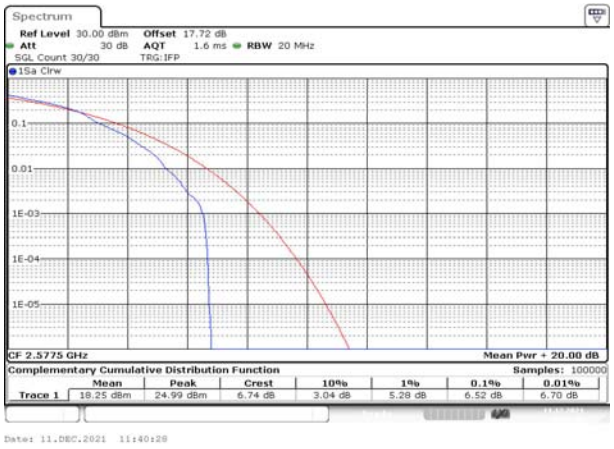

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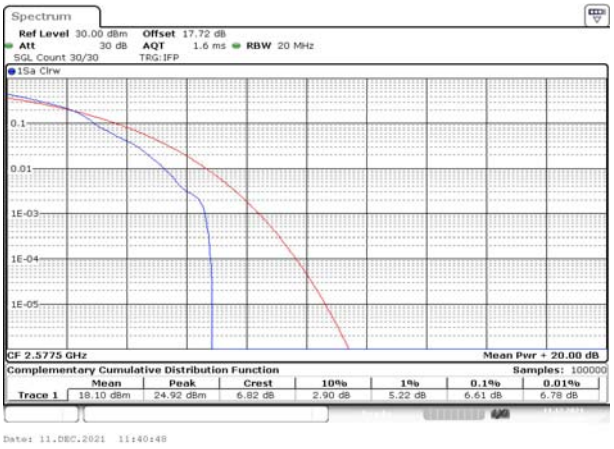

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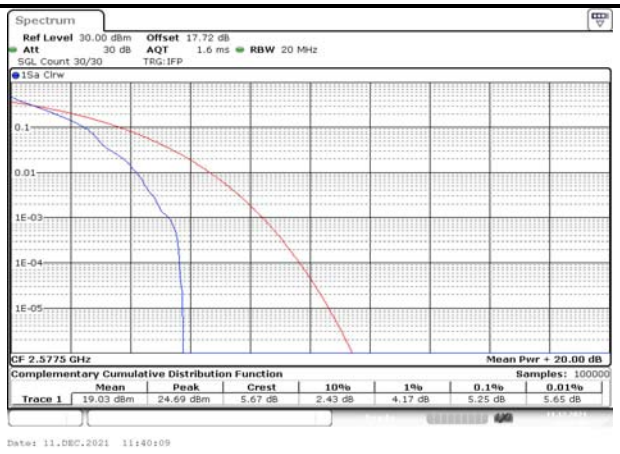
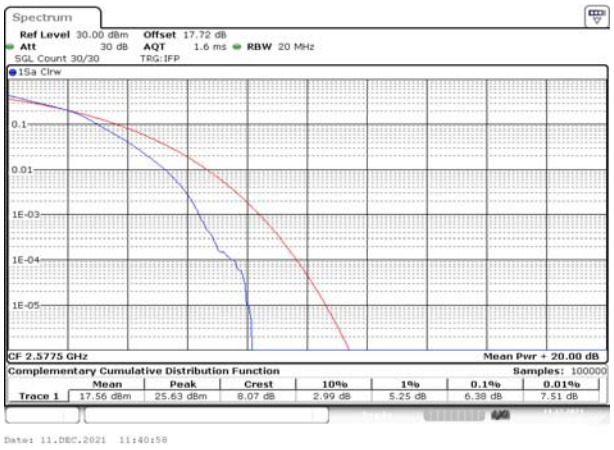


Fig.39

Fig.40



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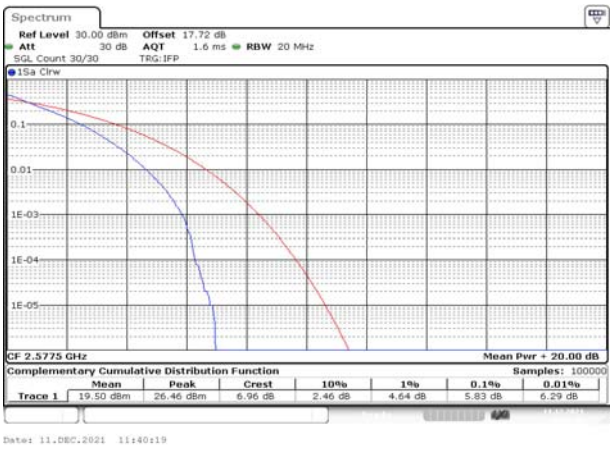

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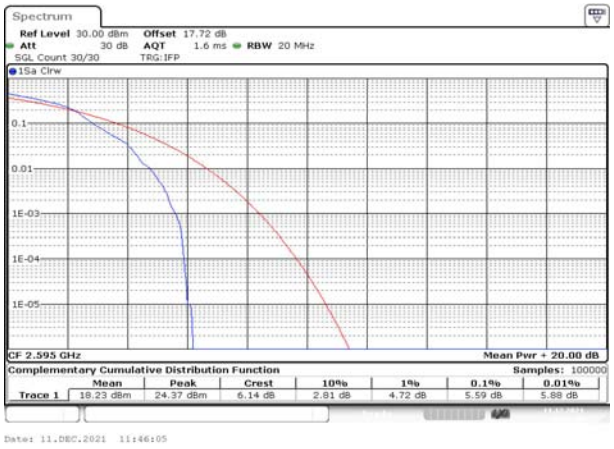

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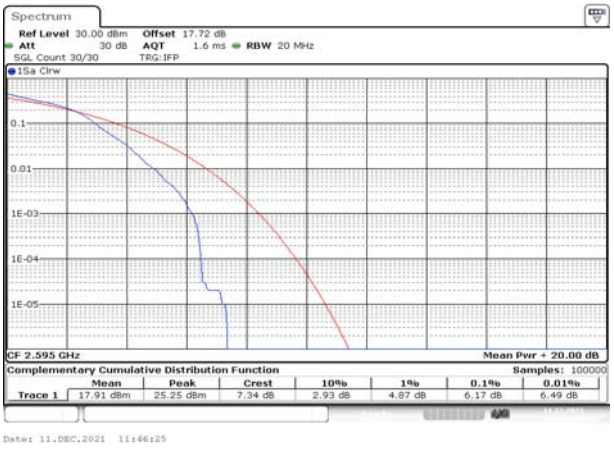

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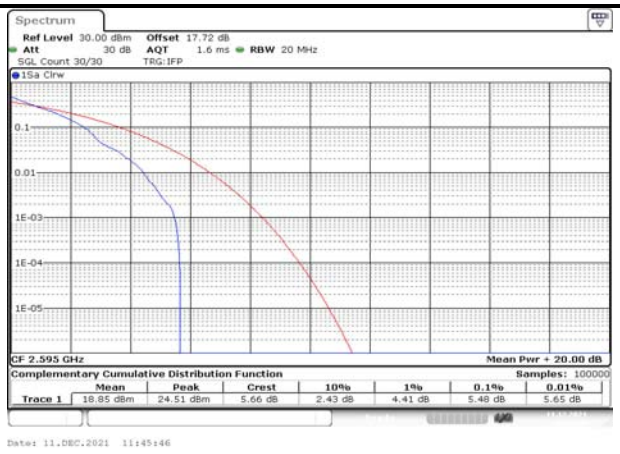

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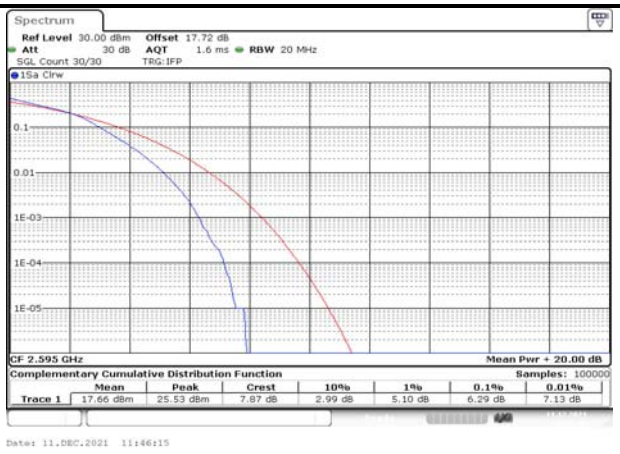

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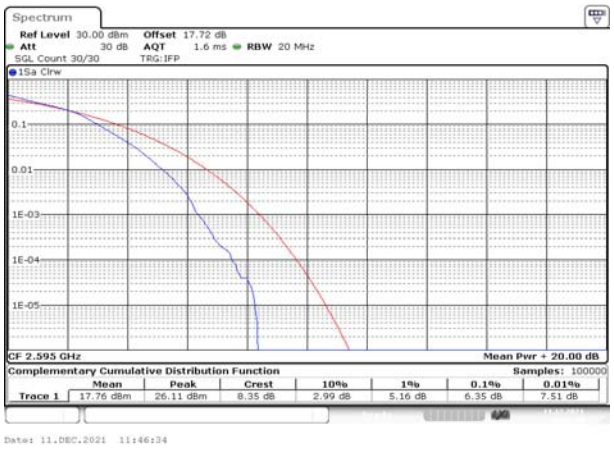

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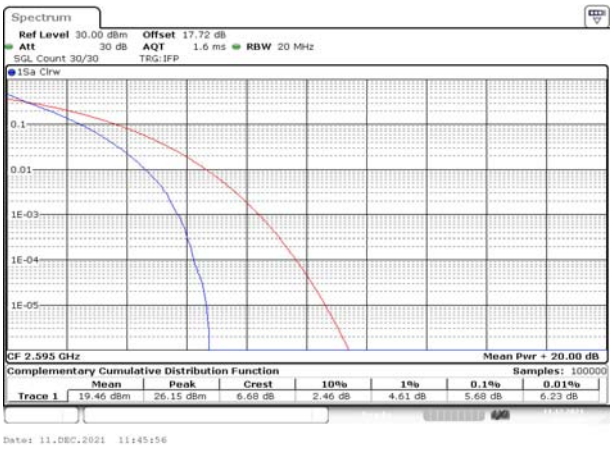

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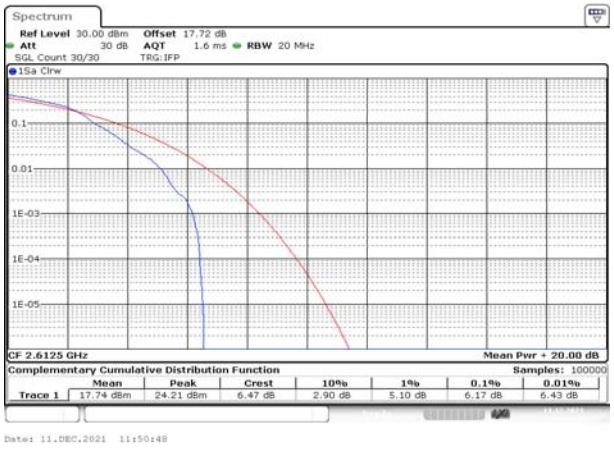

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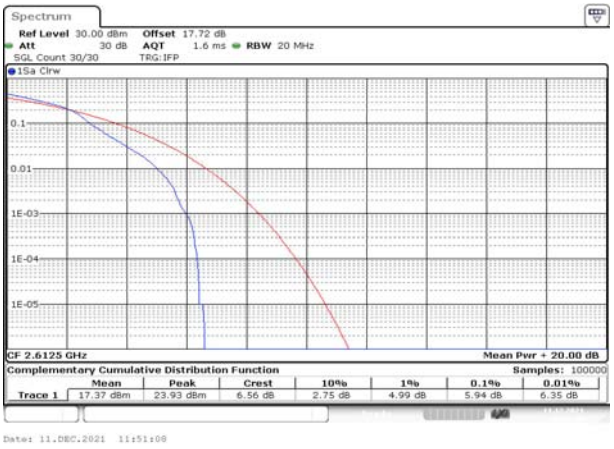

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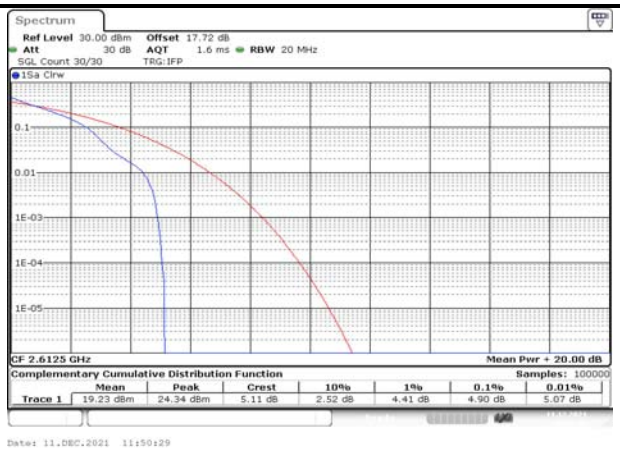
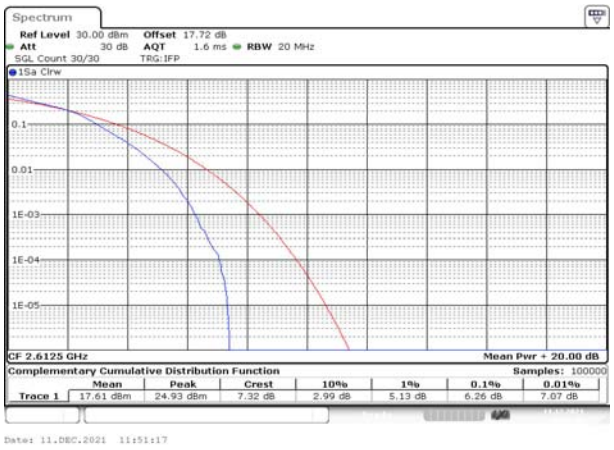


Fig.51

Fig.52



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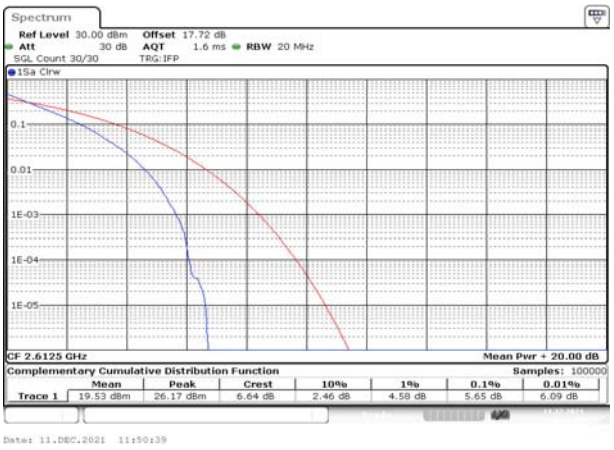

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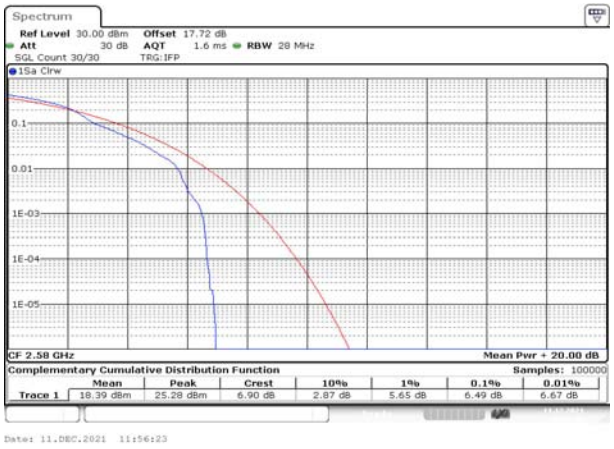

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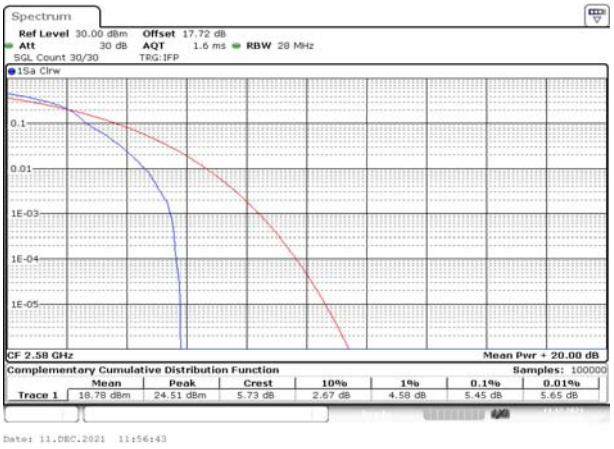

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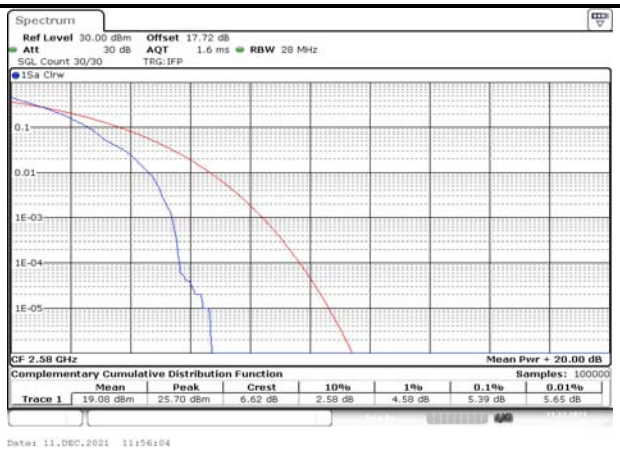

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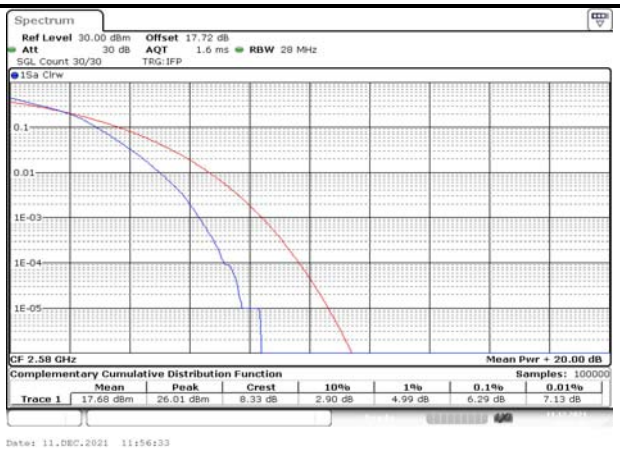

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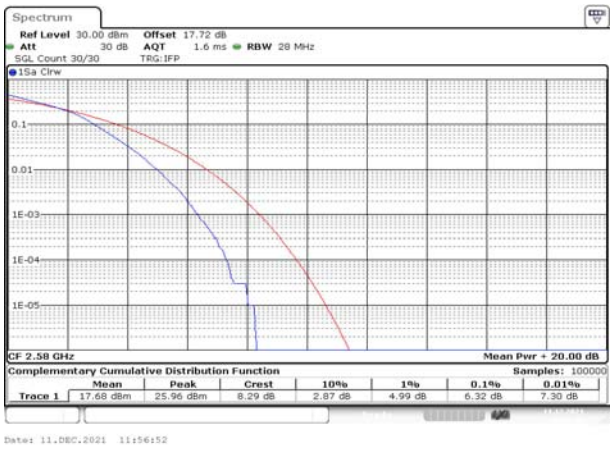

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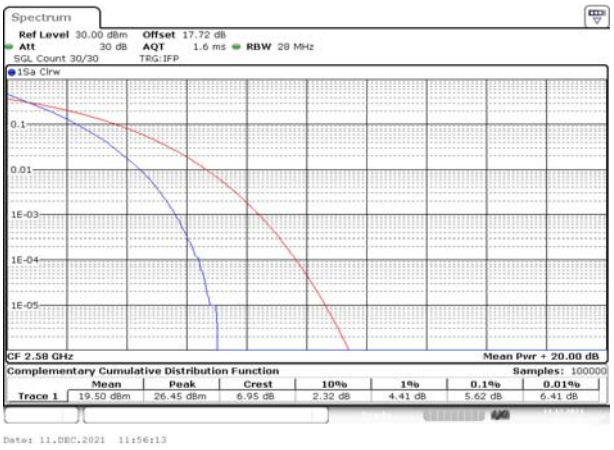

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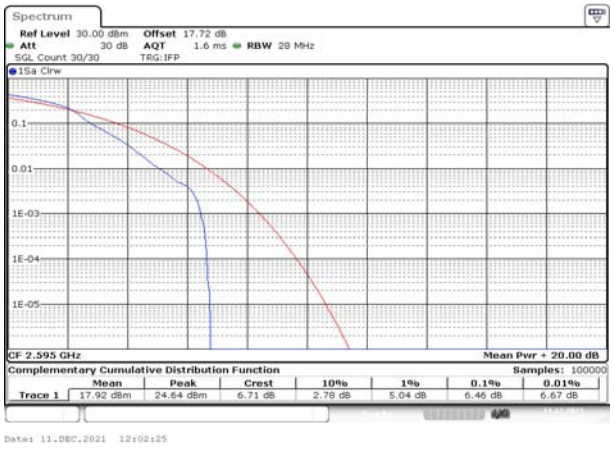

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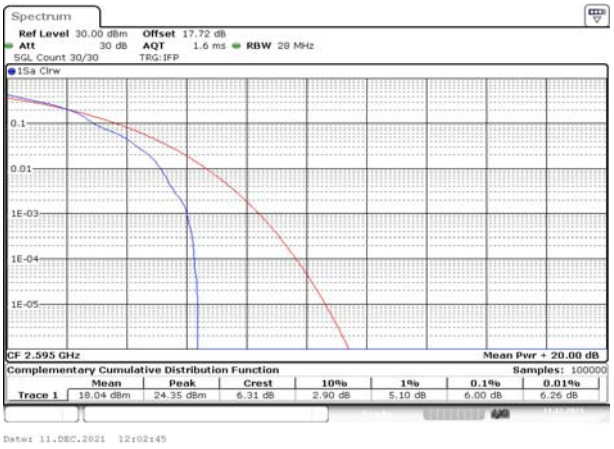

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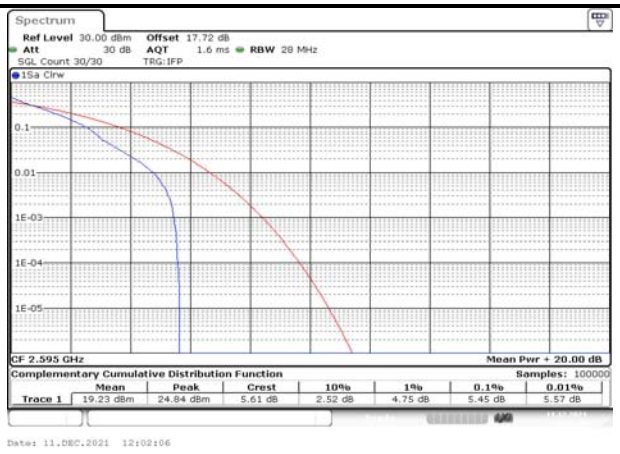

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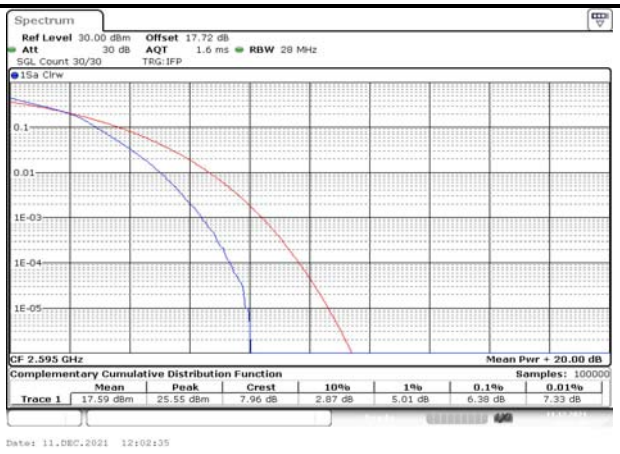

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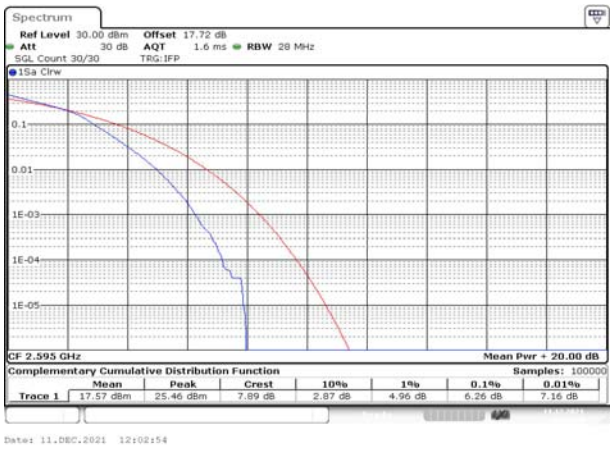
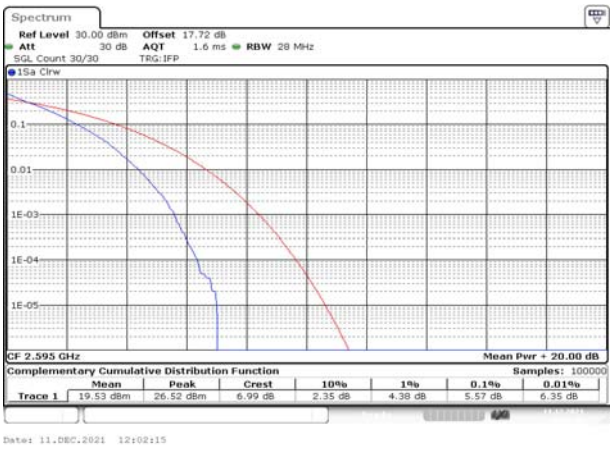


Fig.65



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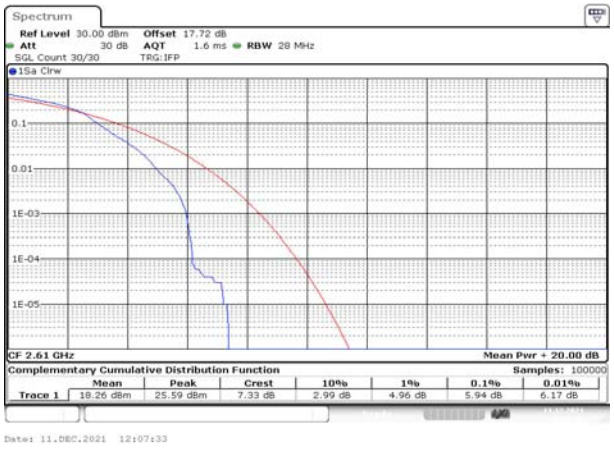

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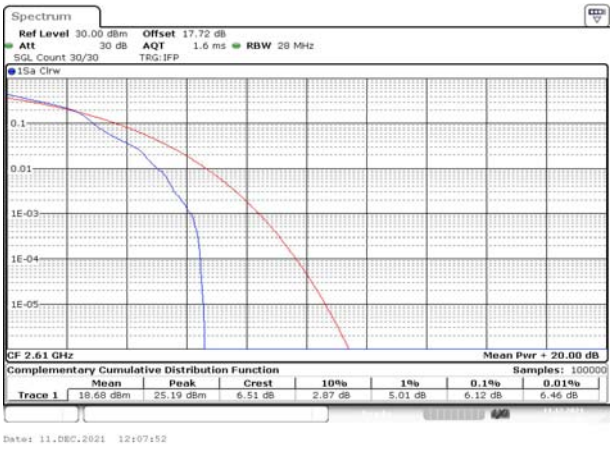

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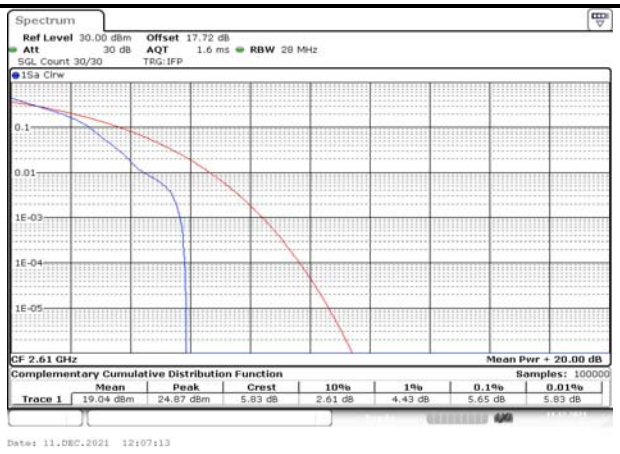

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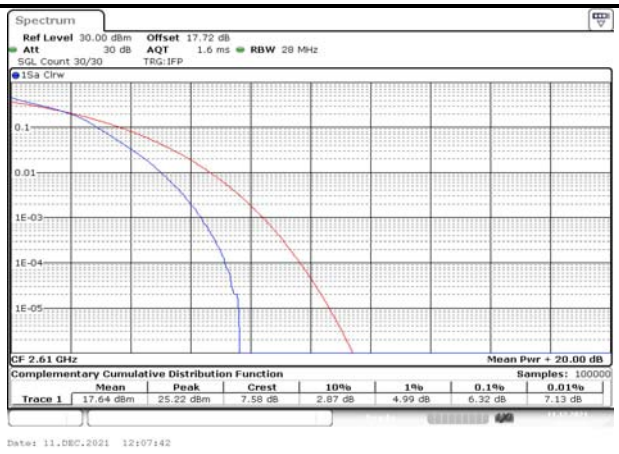

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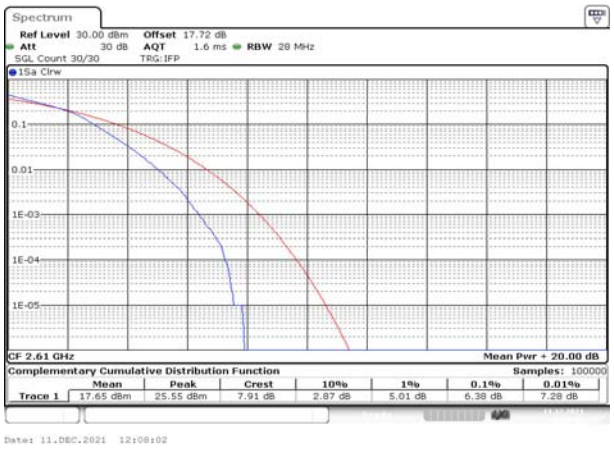

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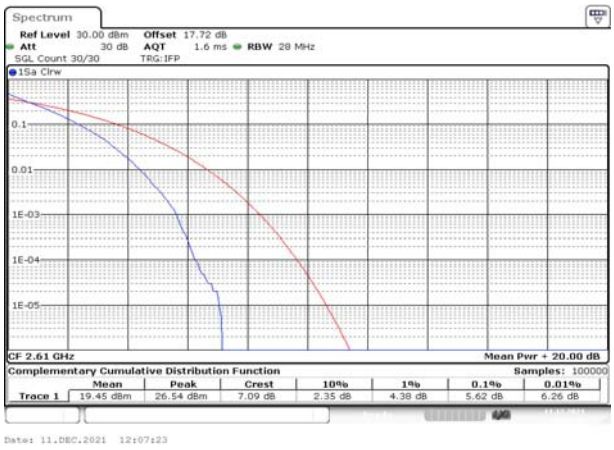


Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
38	2580	37850	20	1	0	Fig.1
38	2595	38000	20	1	0	Fig.2
38	2610	38150	20	1	0	Fig.3

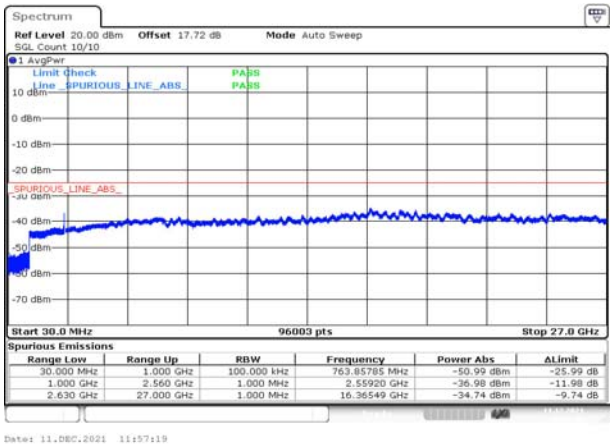


Fig.1

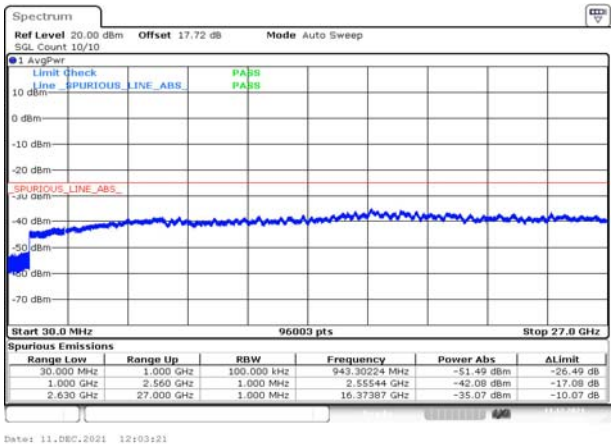


Fig.2

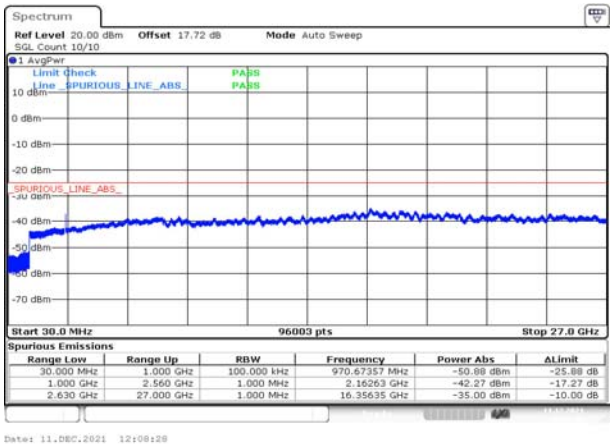


Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
38	2572.5	37775	5	1	0	Fig.1
38	2572.5	37775	5	25	0	Fig.2
38	2617.5	38225	5	1	24	Fig.3
38	2617.5	38225	5	25	0	Fig.4
38	2575	37800	10	1	0	Fig.5
38	2575	37800	10	50	0	Fig.6
38	2615	38200	10	1	49	Fig.7
38	2615	38200	10	50	0	Fig.8
38	2577.5	37825	15	1	0	Fig.9
38	2577.5	37825	15	75	0	Fig.10
38	2612.5	38175	15	1	74	Fig.11
38	2612.5	38175	15	75	0	Fig.12
38	2580	37850	20	1	0	Fig.13
38	2580	37850	20	100	0	Fig.14
38	2610	38150	20	1	99	Fig.15
38	2610	38150	20	100	0	Fig.16

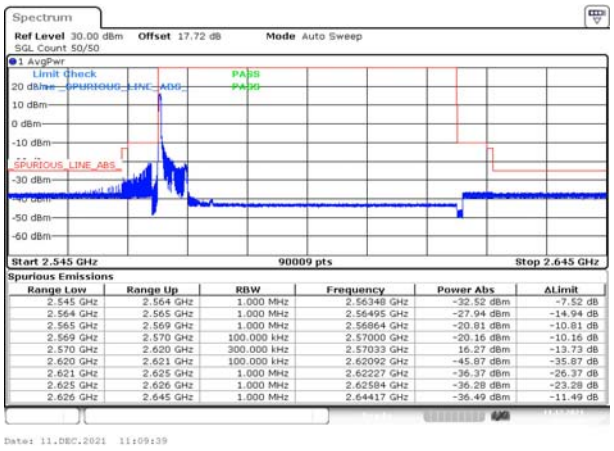


Fig.1

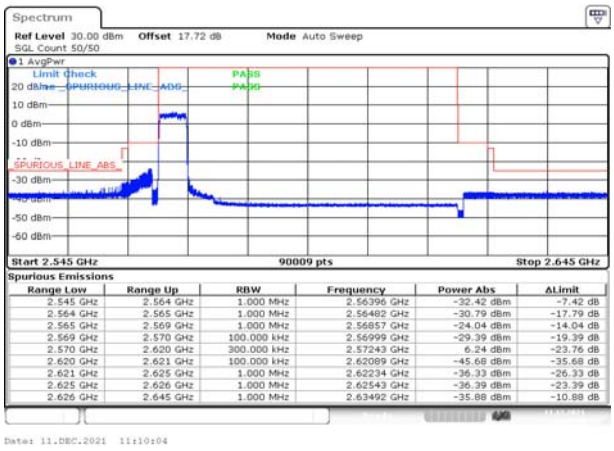


Fig.2

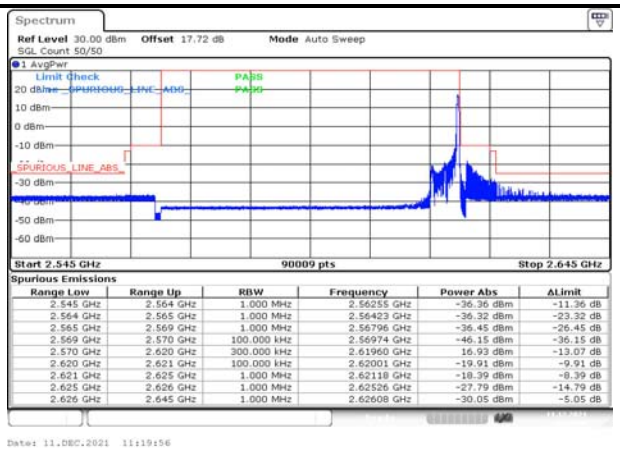


Fig.3

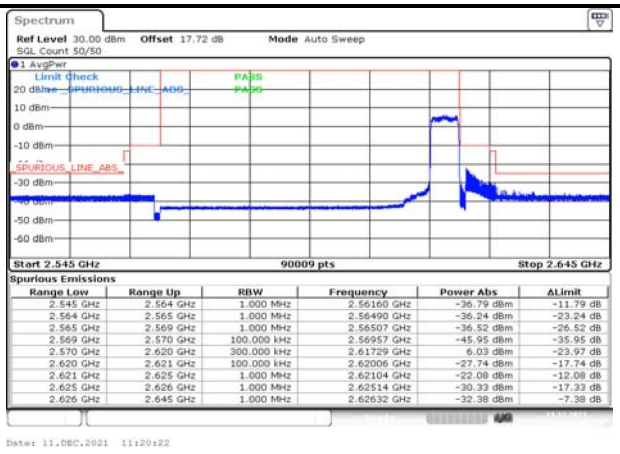


Fig.4

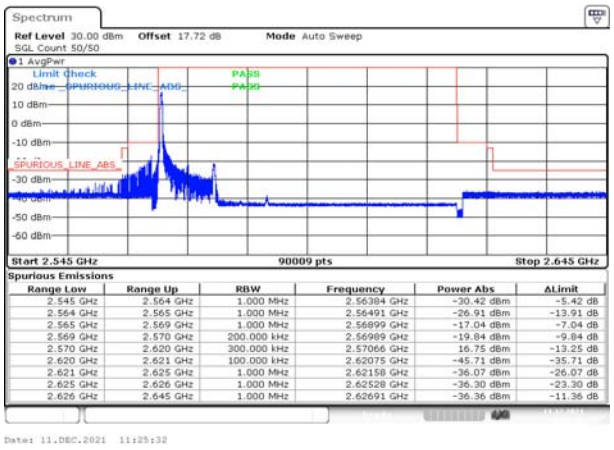


Fig.5

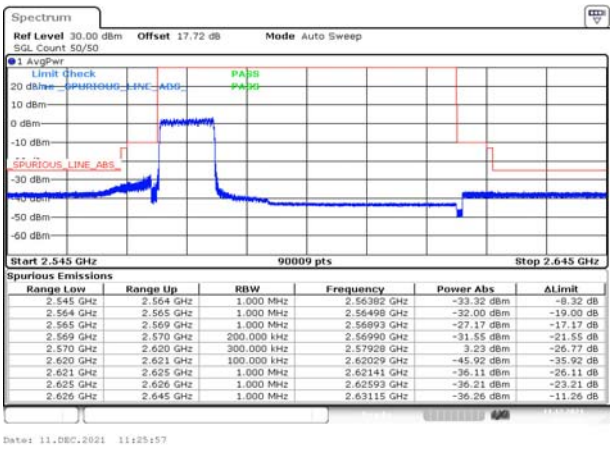


Fig.6

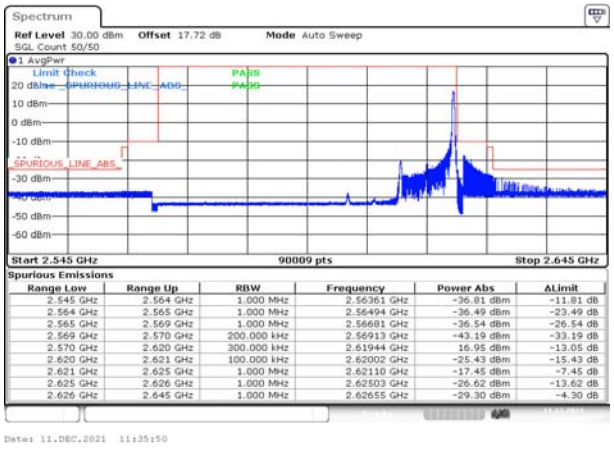


Fig.7

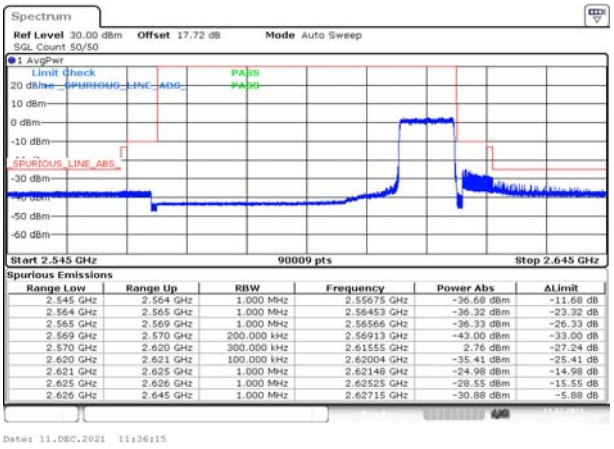
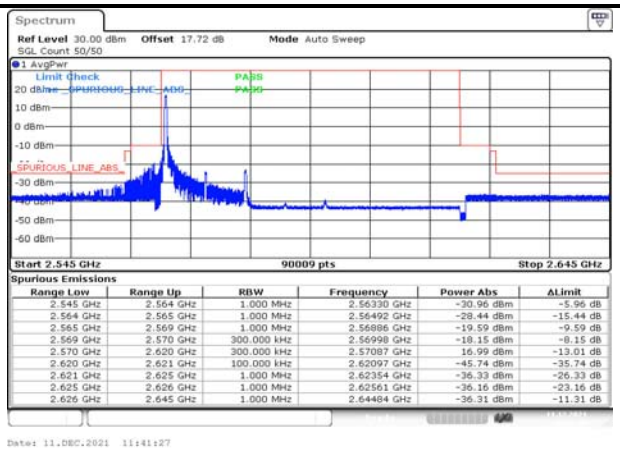


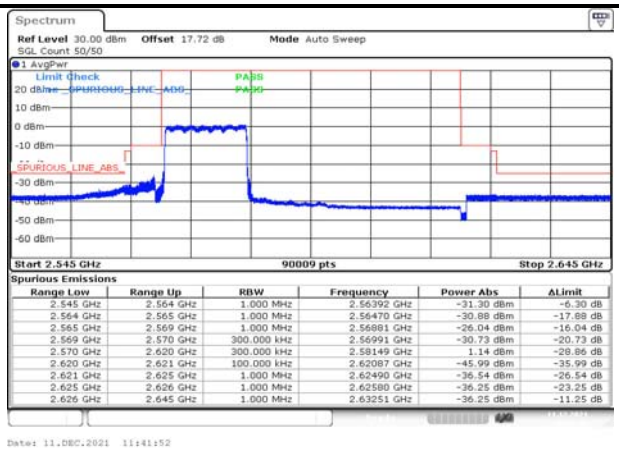
Fig.8



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56330 GHz	-30.96 dBm	-5.96 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56492 GHz	-28.44 dBm	-15.44 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56886 GHz	-19.59 dBm	-9.59 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56998 GHz	-18.15 dBm	-8.15 dB
2.570 GHz	2.620 GHz	300.000 kHz	2.57087 GHz	16.99 dBm	-13.01 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62097 GHz	-45.74 dBm	-35.74 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62354 GHz	-36.33 dBm	-26.33 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62561 GHz	-36.16 dBm	-23.16 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.64484 GHz	-36.31 dBm	-11.31 dB

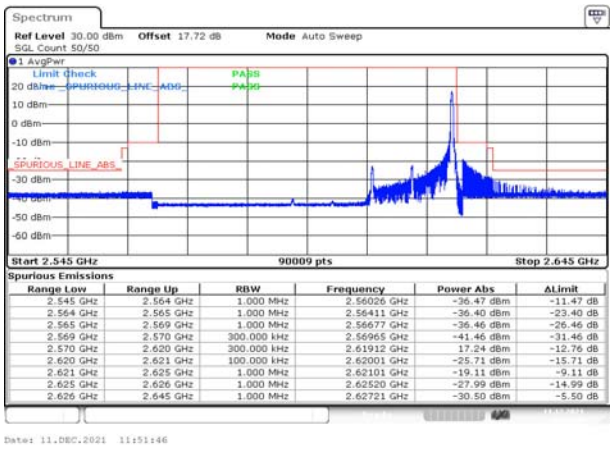
Fig.9



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56392 GHz	-31.30 dBm	-6.30 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56470 GHz	-30.88 dBm	-17.88 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56881 GHz	-26.04 dBm	-16.04 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56991 GHz	-30.73 dBm	-20.73 dB
2.570 GHz	2.620 GHz	300.000 kHz	2.58149 GHz	1.14 dBm	-28.86 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62087 GHz	-45.99 dBm	-35.99 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62490 GHz	-36.54 dBm	-26.54 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62580 GHz	-36.25 dBm	-23.25 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.63251 GHz	-36.25 dBm	-11.25 dB

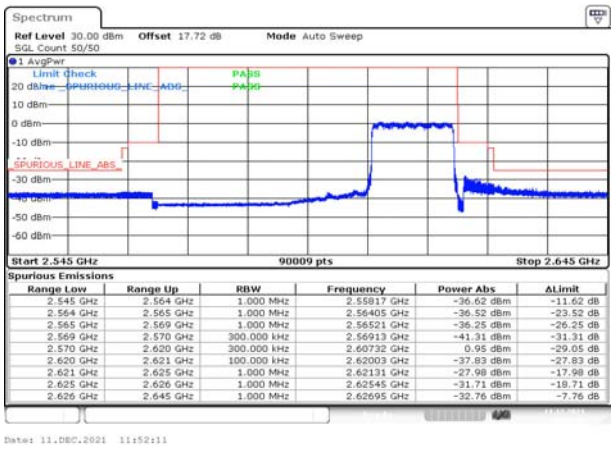
Fig.10



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56026 GHz	-36.47 dBm	-11.47 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56411 GHz	-36.40 dBm	-23.40 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56677 GHz	-36.46 dBm	-26.46 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56965 GHz	-41.46 dBm	-31.46 dB
2.570 GHz	2.620 GHz	300.000 kHz	2.61912 GHz	17.24 dBm	-12.76 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62001 GHz	-25.71 dBm	-15.71 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62101 GHz	-19.11 dBm	-9.11 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62520 GHz	-27.99 dBm	-14.99 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.62721 GHz	-30.50 dBm	-5.50 dB

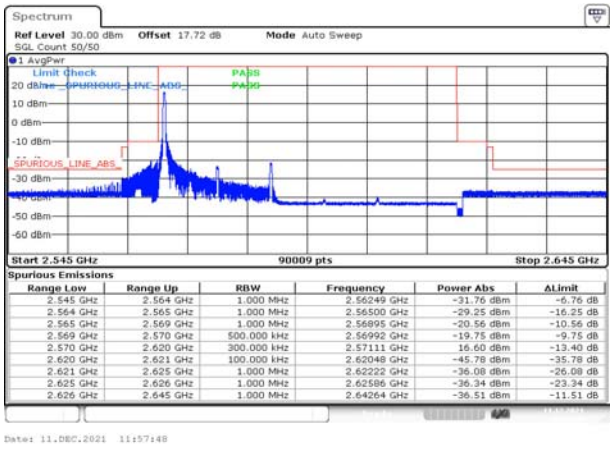
Fig.11



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.55817 GHz	-36.62 dBm	-11.62 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56405 GHz	-36.52 dBm	-23.52 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56521 GHz	-36.25 dBm	-26.25 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56913 GHz	-41.31 dBm	-31.31 dB
2.570 GHz	2.620 GHz	300.000 kHz	2.60732 GHz	0.95 dBm	-29.05 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62003 GHz	-37.83 dBm	-27.83 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62131 GHz	-27.98 dBm	-17.98 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62545 GHz	-31.71 dBm	-18.71 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.62695 GHz	-32.76 dBm	-7.76 dB

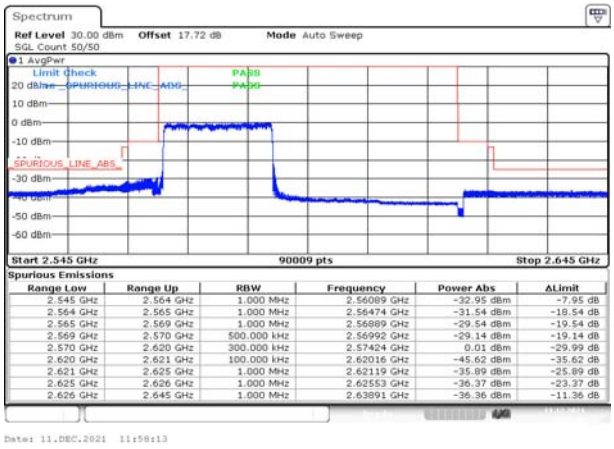
Fig.12



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56249 GHz	-31.76 dBm	-6.76 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56500 GHz	-29.25 dBm	-16.25 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56895 GHz	-20.56 dBm	-10.56 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56992 GHz	-19.75 dBm	-9.75 dB
2.570 GHz	2.620 GHz	300.000 kHz	2.57111 GHz	16.60 dBm	-13.40 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62048 GHz	-45.78 dBm	-35.78 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62222 GHz	-36.08 dBm	-26.08 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62586 GHz	-36.34 dBm	-23.34 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.64264 GHz	-36.51 dBm	-11.51 dB

Fig.13



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56089 GHz	-32.95 dBm	-7.95 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56474 GHz	-31.54 dBm	-18.54 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56889 GHz	-29.54 dBm	-19.54 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56992 GHz	-29.14 dBm	-19.14 dB
2.570 GHz	2.620 GHz	300.000 kHz	2.57424 GHz	0.01 dBm	-29.99 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62016 GHz	-45.62 dBm	-35.62 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62119 GHz	-35.89 dBm	-25.89 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62553 GHz	-36.37 dBm	-23.37 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.63891 GHz	-36.36 dBm	-11.36 dB

Fig.14

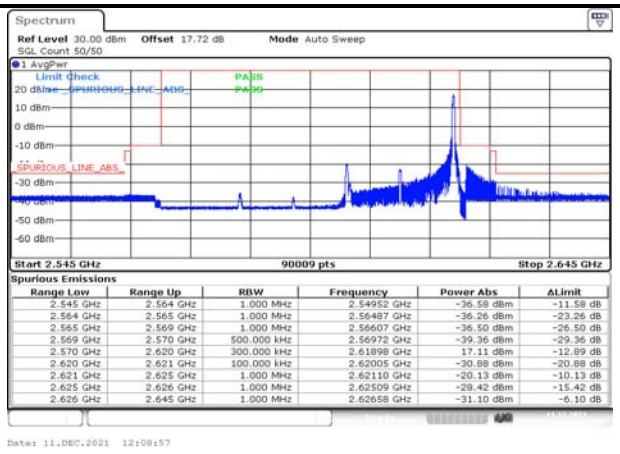

Spectrum
Ref Level 30.00 dBm Offset 17.72 dB Mode Auto Sweep
SGL Count 50/50
1 AvgPwr
Limit Check PASS
SPURIOUS_LINE_ABS
Start 2.545 GHz 90009 pts Stop 2.645 GHz
Spurious Emissions
Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit
2.545 GHz | 2.564 GHz | 1.000 MHz | 2.54952 GHz | -36.58 dBm | -11.58 dB
2.564 GHz | 2.565 GHz | 1.000 MHz | 2.56487 GHz | -36.26 dBm | -23.26 dB
2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56607 GHz | -36.50 dBm | -26.50 dB
2.569 GHz | 2.570 GHz | 500.000 kHz | 2.56972 GHz | -39.36 dBm | -29.36 dB
2.570 GHz | 2.620 GHz | 300.000 kHz | 2.61898 GHz | 17.11 dBm | -12.89 dB
2.620 GHz | 2.621 GHz | 100.000 kHz | 2.62005 GHz | -30.88 dBm | -20.88 dB
2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62110 GHz | -20.13 dBm | -10.13 dB
2.625 GHz | 2.626 GHz | 1.000 MHz | 2.62509 GHz | -28.42 dBm | -15.42 dB
2.626 GHz | 2.645 GHz | 1.000 MHz | 2.62658 GHz | -31.10 dBm | -6.10 dB
Date: 11.DEC.2021 12:08:57

Fig.15

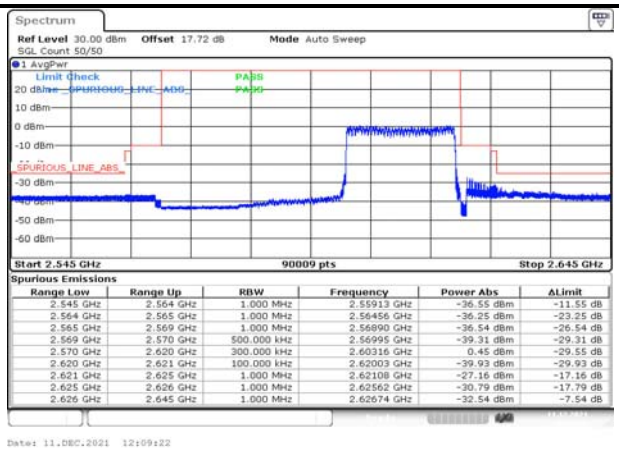

Spectrum
Ref Level 30.00 dBm Offset 17.72 dB Mode Auto Sweep
SGL Count 50/50
1 AvgPwr
Limit Check PASS
SPURIOUS_LINE_ABS
Start 2.545 GHz 90009 pts Stop 2.645 GHz
Spurious Emissions
Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit
2.545 GHz | 2.564 GHz | 1.000 MHz | 2.55913 GHz | -36.55 dBm | -11.55 dB
2.564 GHz | 2.565 GHz | 1.000 MHz | 2.56456 GHz | -36.25 dBm | -23.25 dB
2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56890 GHz | -36.54 dBm | -26.54 dB
2.569 GHz | 2.570 GHz | 500.000 kHz | 2.56995 GHz | -39.31 dBm | -29.31 dB
2.570 GHz | 2.620 GHz | 300.000 kHz | 2.60316 GHz | 0.45 dBm | -29.55 dB
2.620 GHz | 2.621 GHz | 100.000 kHz | 2.62003 GHz | -39.93 dBm | -29.93 dB
2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62108 GHz | -27.16 dBm | -17.16 dB
2.625 GHz | 2.626 GHz | 1.000 MHz | 2.62562 GHz | -30.79 dBm | -17.79 dB
2.626 GHz | 2.645 GHz | 1.000 MHz | 2.62674 GHz | -32.54 dBm | -7.54 dB
Date: 11.DEC.2021 12:09:22

Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 38 Low Channel QPSK			
		5M	10M	15M	20M
-30	NV	0.025	0.000	0.004	0.013
-20	NV	0.015	-0.016	-0.005	0.016
-10	NV	-0.006	-0.021	0.002	0.013
0	NV	0.001	-0.010	0.003	0.007
+10	NV	0.008	-0.006	-0.001	0.001
+30	NV	0.013	-0.016	0.003	0.008
+40	NV	0.005	-0.003	-0.001	0.015
+50	NV	-0.001	-0.003	-0.009	0.001
+20	LV	0.010	-0.017	0.005	0.005
+20	HV	0.031	-0.012	0.013	0.012

Temperature(°C)	Voltage	Test Result (ppm) Band 38 High Channel QPSK			
		5M	10M	15M	20M
-30	NV	0.013	0.018	0.003	0.001
-20	NV	0.015	0.009	-0.002	-0.017
-10	NV	0.004	0.002	-0.001	-0.018
0	NV	0.003	0.016	-0.001	-0.010
+10	NV	0.002	0.017	-0.008	-0.021
+30	NV	0.008	0.011	-0.010	-0.006
+40	NV	0.003	0.012	0.010	-0.016
+50	NV	0.001	0.010	0.000	-0.020
+20	LV	0.008	0.007	0.000	-0.009
+20	HV	0.010	0.020	0.002	-0.007

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)
16QAM	2572.5	37775	5	1	0	20.24	19.51	0.089
16QAM	2572.5	37775	5	1	12	20.04	19.31	0.085
16QAM	2572.5	37775	5	1	24	19.64	18.91	0.078
16QAM	2572.5	37775	5	12	0	18.99	18.26	0.067
16QAM	2572.5	37775	5	12	7	19.05	18.32	0.068
16QAM	2572.5	37775	5	12	13	19.07	18.34	0.068
16QAM	2572.5	37775	5	25	0	19.07	18.34	0.068
16QAM	2595	38000	5	1	0	20.09	19.36	0.086
16QAM	2595	38000	5	1	12	19.82	19.09	0.081
16QAM	2595	38000	5	1	24	19.99	19.26	0.084
16QAM	2595	38000	5	12	0	18.98	18.25	0.067
16QAM	2595	38000	5	12	7	18.70	17.97	0.063
16QAM	2595	38000	5	12	13	18.71	17.98	0.063
16QAM	2595	38000	5	25	0	19.04	18.31	0.068
16QAM	2617.5	38225	5	1	0	20.09	19.36	0.086
16QAM	2617.5	38225	5	1	12	19.94	19.21	0.083
16QAM	2617.5	38225	5	1	24	20.13	19.40	0.087
16QAM	2617.5	38225	5	12	0	18.98	18.25	0.067
16QAM	2617.5	38225	5	12	7	19.00	18.27	0.067
16QAM	2617.5	38225	5	12	13	18.90	18.17	0.066
16QAM	2617.5	38225	5	25	0	19.00	18.27	0.067
64QAM	2572.5	37775	5	1	0	20.29	19.56	0.090
64QAM	2572.5	37775	5	1	12	19.95	19.22	0.084
64QAM	2572.5	37775	5	1	24	20.53	19.80	0.095
64QAM	2572.5	37775	5	12	0	18.80	18.07	0.064
64QAM	2572.5	37775	5	12	7	18.86	18.13	0.065
64QAM	2572.5	37775	5	12	13	18.86	18.13	0.065
64QAM	2572.5	37775	5	25	0	19.04	18.31	0.068
64QAM	2595	38000	5	1	0	20.31	19.58	0.091
64QAM	2595	38000	5	1	12	20.17	19.44	0.088
64QAM	2595	38000	5	1	24	20.27	19.54	0.090
64QAM	2595	38000	5	12	0	19.08	18.35	0.068
64QAM	2595	38000	5	12	7	18.83	18.10	0.065
64QAM	2595	38000	5	12	13	18.81	18.08	0.064
64QAM	2595	38000	5	25	0	18.81	18.08	0.064
64QAM	2617.5	38225	5	1	0	20.32	19.59	0.091
64QAM	2617.5	38225	5	1	12	20.26	19.53	0.090
64QAM	2617.5	38225	5	1	24	20.21	19.48	0.089
64QAM	2617.5	38225	5	12	0	18.98	18.25	0.067
64QAM	2617.5	38225	5	12	7	18.83	18.10	0.065
64QAM	2617.5	38225	5	12	13	18.65	17.92	0.062

64QAM	2617.5	38225	5	25	0	18.87	18.14	0.065

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2572.5	37775	5	1	0	20.75	20.02	0.100
QPSK	2572.5	37775	5	1	12	20.98	20.25	0.106
QPSK	2572.5	37775	5	1	24	20.83	20.10	0.102
QPSK	2572.5	37775	5	12	0	20.86	20.13	0.103
QPSK	2572.5	37775	5	12	7	20.79	20.06	0.101
QPSK	2572.5	37775	5	12	13	20.81	20.08	0.102
QPSK	2572.5	37775	5	25	0	20.78	20.05	0.101
QPSK	2595	38000	5	1	0	20.72	19.99	0.100
QPSK	2595	38000	5	1	12	20.70	19.97	0.099
QPSK	2595	38000	5	1	24	20.63	19.90	0.098
QPSK	2595	38000	5	12	0	20.80	20.07	0.102
QPSK	2595	38000	5	12	7	20.70	19.97	0.099
QPSK	2595	38000	5	12	13	20.82	20.09	0.102
QPSK	2595	38000	5	25	0	20.81	20.08	0.102
QPSK	2617.5	38225	5	1	0	20.89	20.16	0.104
QPSK	2617.5	38225	5	1	12	20.81	20.08	0.102
QPSK	2617.5	38225	5	1	24	20.87	20.14	0.103
QPSK	2617.5	38225	5	12	0	20.81	20.08	0.102
QPSK	2617.5	38225	5	12	7	20.77	20.04	0.101
QPSK	2617.5	38225	5	12	13	20.95	20.22	0.105
QPSK	2617.5	38225	5	25	0	20.77	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	2575	37800	10	1	0	19.64	18.91	0.078
16QAM	2575	37800	10	1	25	19.52	18.79	0.076
16QAM	2575	37800	10	1	49	20.29	19.56	0.090
16QAM	2575	37800	10	25	0	18.93	18.20	0.066
16QAM	2575	37800	10	25	12	18.81	18.08	0.064
16QAM	2575	37800	10	25	25	18.70	17.97	0.063
16QAM	2575	37800	10	50	0	18.61	17.88	0.061
16QAM	2595	38000	10	1	0	20.33	19.60	0.091
16QAM	2595	38000	10	1	25	20.19	19.46	0.088
16QAM	2595	38000	10	1	49	20.32	19.59	0.091
16QAM	2595	38000	10	25	0	18.89	18.16	0.065
16QAM	2595	38000	10	25	12	18.87	18.14	0.065
16QAM	2595	38000	10	25	25	18.95	18.22	0.066
16QAM	2595	38000	10	50	0	18.49	17.76	0.060
16QAM	2615	38200	10	1	0	19.75	19.02	0.080
16QAM	2615	38200	10	1	25	19.83	19.10	0.081
16QAM	2615	38200	10	1	49	20.18	19.45	0.088
16QAM	2615	38200	10	25	0	18.87	18.14	0.065
16QAM	2615	38200	10	25	12	18.91	18.18	0.066
16QAM	2615	38200	10	25	25	18.90	18.17	0.066
16QAM	2615	38200	10	50	0	18.60	17.87	0.061
64QAM	2575	37800	10	1	0	20.13	19.40	0.087
64QAM	2575	37800	10	1	25	20.00	19.27	0.085
64QAM	2575	37800	10	1	49	20.08	19.35	0.086
64QAM	2575	37800	10	25	0	18.91	18.18	0.066
64QAM	2575	37800	10	25	12	18.81	18.08	0.064
64QAM	2575	37800	10	25	25	18.69	17.96	0.063
64QAM	2575	37800	10	50	0	18.59	17.86	0.061
64QAM	2595	38000	10	1	0	20.16	19.43	0.088
64QAM	2595	38000	10	1	25	19.74	19.01	0.080
64QAM	2595	38000	10	1	49	20.26	19.53	0.090
64QAM	2595	38000	10	25	0	19.01	18.28	0.067
64QAM	2595	38000	10	25	12	18.84	18.11	0.065
64QAM	2595	38000	10	25	25	18.80	18.07	0.064
64QAM	2595	38000	10	50	0	18.56	17.83	0.061
64QAM	2615	38200	10	1	0	20.66	19.93	0.098
64QAM	2615	38200	10	1	25	20.11	19.38	0.087
64QAM	2615	38200	10	1	49	19.95	19.22	0.084
64QAM	2615	38200	10	25	0	18.94	18.21	0.066
64QAM	2615	38200	10	25	12	19.23	18.50	0.071
64QAM	2615	38200	10	25	25	19.09	18.36	0.069

64QAM	2615	38200	10	50	0	18.62	17.89	0.062

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2575	37800	10	1	0	20.76	20.03	0.101
QPSK	2575	37800	10	1	25	20.81	20.08	0.102
QPSK	2575	37800	10	1	49	20.78	20.05	0.101
QPSK	2575	37800	10	25	0	20.88	20.15	0.104
QPSK	2575	37800	10	25	12	20.93	20.20	0.105
QPSK	2575	37800	10	25	25	20.78	20.05	0.101
QPSK	2575	37800	10	50	0	20.47	19.74	0.094
QPSK	2595	38000	10	1	0	20.45	19.72	0.094
QPSK	2595	38000	10	1	25	20.47	19.74	0.094
QPSK	2595	38000	10	1	49	20.56	19.83	0.096
QPSK	2595	38000	10	25	0	20.80	20.07	0.102
QPSK	2595	38000	10	25	12	20.75	20.02	0.100
QPSK	2595	38000	10	25	25	20.86	20.13	0.103
QPSK	2595	38000	10	50	0	20.46	19.73	0.094
QPSK	2615	38200	10	1	0	20.69	19.96	0.099
QPSK	2615	38200	10	1	25	20.76	20.03	0.101
QPSK	2615	38200	10	1	49	20.73	20.00	0.100
QPSK	2615	38200	10	25	0	20.78	20.05	0.101
QPSK	2615	38200	10	25	12	20.81	20.08	0.102
QPSK	2615	38200	10	25	25	20.82	20.09	0.102
QPSK	2615	38200	10	50	0	20.48	19.75	0.094

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	2577.5	37825	15	1	0	20.68	19.95	0.099
16QAM	2577.5	37825	15	1	37	19.85	19.12	0.082
16QAM	2577.5	37825	15	1	74	20.18	19.45	0.088
16QAM	2577.5	37825	15	36	0	19.07	18.34	0.068
16QAM	2577.5	37825	15	36	29	19.09	18.36	0.069
16QAM	2577.5	37825	15	36	30	18.99	18.26	0.067
16QAM	2577.5	37825	15	75	0	18.54	17.81	0.060
16QAM	2595	38000	15	1	0	20.12	19.39	0.087
16QAM	2595	38000	15	1	37	20.45	19.72	0.094
16QAM	2595	38000	15	1	74	20.24	19.51	0.089
16QAM	2595	38000	15	36	0	18.95	18.22	0.066
16QAM	2595	38000	15	36	29	18.94	18.21	0.066
16QAM	2595	38000	15	36	30	18.95	18.22	0.066
16QAM	2595	38000	15	75	0	18.59	17.86	0.061
16QAM	2612.5	38175	15	1	0	19.58	18.85	0.077
16QAM	2612.5	38175	15	1	37	19.55	18.82	0.076
16QAM	2612.5	38175	15	1	74	19.59	18.86	0.077
16QAM	2612.5	38175	15	36	0	19.06	18.33	0.068
16QAM	2612.5	38175	15	36	29	19.14	18.41	0.069
16QAM	2612.5	38175	15	36	30	18.97	18.24	0.067
16QAM	2612.5	38175	15	75	0	18.77	18.04	0.064
64QAM	2577.5	37825	15	1	0	20.19	19.46	0.088
64QAM	2577.5	37825	15	1	37	20.16	19.43	0.088
64QAM	2577.5	37825	15	1	74	19.97	19.24	0.084
64QAM	2577.5	37825	15	36	0	18.96	18.23	0.067
64QAM	2577.5	37825	15	36	29	18.98	18.25	0.067
64QAM	2577.5	37825	15	36	30	19.00	18.27	0.067
64QAM	2577.5	37825	15	75	0	18.56	17.83	0.061
64QAM	2595	38000	15	1	0	20.42	19.69	0.093
64QAM	2595	38000	15	1	37	20.89	20.16	0.104
64QAM	2595	38000	15	1	74	19.83	19.10	0.081
64QAM	2595	38000	15	36	0	18.80	18.07	0.064
64QAM	2595	38000	15	36	29	18.79	18.06	0.064
64QAM	2595	38000	15	36	30	18.80	18.07	0.064
64QAM	2595	38000	15	75	0	18.70	17.97	0.063
64QAM	2612.5	38175	15	1	0	19.05	18.32	0.068
64QAM	2612.5	38175	15	1	37	19.15	18.42	0.070
64QAM	2612.5	38175	15	1	74	19.04	18.31	0.068
64QAM	2612.5	38175	15	36	0	19.08	18.35	0.068
64QAM	2612.5	38175	15	36	29	18.96	18.23	0.067
64QAM	2612.5	38175	15	36	30	19.05	18.32	0.068

64QAM	2612.5	38175	15	75	0	18.64	17.91	0.062

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2577.5	37825	15	1	0	20.76	20.03	0.101
QPSK	2577.5	37825	15	1	37	20.80	20.07	0.102
QPSK	2577.5	37825	15	1	74	20.76	20.03	0.101
QPSK	2577.5	37825	15	36	0	20.97	20.24	0.106
QPSK	2577.5	37825	15	36	29	20.81	20.08	0.102
QPSK	2577.5	37825	15	36	30	20.82	20.09	0.102
QPSK	2577.5	37825	15	75	0	20.42	19.69	0.093
QPSK	2595	38000	15	1	0	20.44	19.71	0.094
QPSK	2595	38000	15	1	37	20.47	19.74	0.094
QPSK	2595	38000	15	1	74	20.44	19.71	0.094
QPSK	2595	38000	15	36	0	20.73	20.00	0.100
QPSK	2595	38000	15	36	29	20.82	20.09	0.102
QPSK	2595	38000	15	36	30	20.83	20.10	0.102
QPSK	2595	38000	15	75	0	20.39	19.66	0.092
QPSK	2612.5	38175	15	1	0	21.08	20.35	0.108
QPSK	2612.5	38175	15	1	37	21.00	20.27	0.106
QPSK	2612.5	38175	15	1	74	20.84	20.11	0.103
QPSK	2612.5	38175	15	36	0	20.85	20.12	0.103
QPSK	2612.5	38175	15	36	29	20.84	20.11	0.103
QPSK	2612.5	38175	15	36	30	20.84	20.11	0.103
QPSK	2612.5	38175	15	75	0	20.53	19.80	0.095

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	2580	37850	20	1	0	20.45	19.72	0.094
16QAM	2580	37850	20	1	49	20.12	19.39	0.087
16QAM	2580	37850	20	1	99	20.16	19.43	0.088
16QAM	2580	37850	20	50	0	19.06	18.33	0.068
16QAM	2580	37850	20	50	24	19.03	18.30	0.068
16QAM	2580	37850	20	50	50	19.06	18.33	0.068
16QAM	2580	37850	20	100	0	18.56	17.83	0.061
16QAM	2595	38000	20	1	0	19.66	18.93	0.078
16QAM	2595	38000	20	1	49	19.54	18.81	0.076
16QAM	2595	38000	20	1	99	19.59	18.86	0.077
16QAM	2595	38000	20	50	0	18.93	18.20	0.066
16QAM	2595	38000	20	50	24	18.85	18.12	0.065
16QAM	2595	38000	20	50	50	18.99	18.26	0.067
16QAM	2595	38000	20	100	0	18.44	17.71	0.059
16QAM	2610	38150	20	1	0	19.83	19.10	0.081
16QAM	2610	38150	20	1	49	19.83	19.10	0.081
16QAM	2610	38150	20	1	99	19.87	19.14	0.082
16QAM	2610	38150	20	50	0	18.93	18.20	0.066
16QAM	2610	38150	20	50	24	19.04	18.31	0.068
16QAM	2610	38150	20	50	50	18.94	18.21	0.066
16QAM	2610	38150	20	100	0	18.71	17.98	0.063
64QAM	2580	37850	20	1	0	20.52	19.79	0.095
64QAM	2580	37850	20	1	49	20.06	19.33	0.086
64QAM	2580	37850	20	1	99	20.33	19.60	0.091
64QAM	2580	37850	20	50	0	19.08	18.35	0.068
64QAM	2580	37850	20	50	24	19.04	18.31	0.068
64QAM	2580	37850	20	50	50	19.07	18.34	0.068
64QAM	2580	37850	20	100	0	18.68	17.95	0.062
64QAM	2595	38000	20	1	0	19.49	18.76	0.075
64QAM	2595	38000	20	1	49	19.78	19.05	0.080
64QAM	2595	38000	20	1	99	19.22	18.49	0.071
64QAM	2595	38000	20	50	0	18.92	18.19	0.066
64QAM	2595	38000	20	50	24	18.98	18.25	0.067
64QAM	2595	38000	20	50	50	18.98	18.25	0.067
64QAM	2595	38000	20	100	0	18.44	17.71	0.059
64QAM	2610	38150	20	1	0	19.95	19.22	0.084
64QAM	2610	38150	20	1	49	19.95	19.22	0.084
64QAM	2610	38150	20	1	99	19.96	19.23	0.084
64QAM	2610	38150	20	50	0	18.94	18.21	0.066
64QAM	2610	38150	20	50	24	19.04	18.31	0.068
64QAM	2610	38150	20	50	50	18.94	18.21	0.066

64QAM	2610	38150	20	100	0	18.61	17.88	0.061

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2580	37850	20	1	0	20.76	20.03	0.101
QPSK	2580	37850	20	1	49	20.77	20.04	0.101
QPSK	2580	37850	20	1	99	20.76	20.03	0.101
QPSK	2580	37850	20	50	0	20.74	20.01	0.100
QPSK	2580	37850	20	50	24	20.79	20.06	0.101
QPSK	2580	37850	20	50	50	20.88	20.15	0.104
QPSK	2580	37850	20	100	0	20.47	19.74	0.094
QPSK	2595	38000	20	1	0	20.95	20.22	0.105
QPSK	2595	38000	20	1	49	21.09	20.36	0.109
QPSK	2595	38000	20	1	99	20.91	20.18	0.104
QPSK	2595	38000	20	50	0	20.74	20.01	0.100
QPSK	2595	38000	20	50	24	20.75	20.02	0.100
QPSK	2595	38000	20	50	50	20.80	20.07	0.102
QPSK	2595	38000	20	100	0	20.39	19.66	0.092
QPSK	2610	38150	20	1	0	20.65	19.92	0.098
QPSK	2610	38150	20	1	49	20.70	19.97	0.099
QPSK	2610	38150	20	1	99	20.80	20.07	0.102
QPSK	2610	38150	20	50	0	20.81	20.08	0.102
QPSK	2610	38150	20	50	24	20.76	20.03	0.101
QPSK	2610	38150	20	50	50	20.81	20.08	0.102
QPSK	2610	38150	20	100	0	20.49	19.76	0.095