



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
2-2	10MHz-15MHz	QPSK-QPSK	18653-18773	50RB#0-75RB#0	23.127	25.10	PASS
2-2	10MHz-15MHz	QPSK-QPSK	18829-18949	50RB#0-75RB#0	23.177	24.95	PASS
2-2	10MHz-15MHz	QPSK-QPSK	19005-19125	50RB#0-75RB#0	23.177	24.80	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18653-18773	50RB#0-75RB#0	23.127	24.95	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18829-18949	50RB#0-75RB#0	23.077	24.70	PASS
2-2	10MHz-15MHz	16QAM-16QAM	19005-19125	50RB#0-75RB#0	23.177	24.80	PASS
2-2	10MHz-15MHz	64QAM-64QAM	18653-18773	50RB#0-75RB#0	23.177	24.90	PASS
2-2	10MHz-15MHz	64QAM-64QAM	18829-18949	50RB#0-75RB#0	23.127	24.85	PASS
2-2	10MHz-15MHz	64QAM-64QAM	19005-19125	50RB#0-75RB#0	23.177	24.85	PASS
2-2	10MHz-15MHz	256QAM-256QAM	18653-18773	50RB#0-75RB#0	23.127	24.85	PASS
2-2	10MHz-15MHz	256QAM-256QAM	18829-18949	50RB#0-75RB#0	23.177	24.80	PASS
2-2	10MHz-15MHz	256QAM-256QAM	19005-19125	50RB#0-75RB#0	23.177	24.80	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18655-18799	50RB#0-100RB#0	27.812	29.64	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18806-18950	50RB#0-100RB#0	27.752	29.52	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18956-19100	50RB#0-100RB#0	27.752	29.52	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18655-18799	50RB#0-100RB#0	27.752	29.58	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18806-18950	50RB#0-100RB#0	27.752	29.58	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18956-19100	50RB#0-100RB#0	27.752	29.58	PASS
2-2	10MHz-20MHz	64QAM-64QAM	18655-18799	50RB#0-100RB#0	27.752	29.58	PASS
2-2	10MHz-20MHz	64QAM-64QAM	18806-18950	50RB#0-100RB#0	27.752	29.52	PASS
2-2	10MHz-20MHz	64QAM-64QAM	18956-19100	50RB#0-100RB#0	27.752	29.52	PASS
2-2	10MHz-20MHz	256QAM-256QAM	18655-18799	50RB#0-100RB#0	27.752	29.58	PASS
2-2	10MHz-20MHz	256QAM-256QAM	18806-18950	50RB#0-100RB#0	27.752	29.58	PASS
2-2	10MHz-20MHz	256QAM-256QAM	18956-19100	50RB#0-100RB#0	27.752	29.58	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18675-18795	75RB#0-50RB#0	23.227	25.10	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18851-18971	75RB#0-50RB#0	23.127	25.10	PASS
2-2	15MHz-10MHz	QPSK-QPSK	19027-19147	75RB#0-50RB#0	23.227	25.00	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18675-18795	75RB#0-50RB#0	23.127	24.90	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18851-18971	75RB#0-50RB#0	23.127	25.15	PASS



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2-2	15MHz-10MHz	16QAM-16QAM	19027-19147	75RB#0-50RB#0	23.177	25.00	PASS
2-2	15MHz-10MHz	64QAM-64QAM	18675-18795	75RB#0-50RB#0	23.127	25.00	PASS
2-2	15MHz-10MHz	64QAM-64QAM	18851-18971	75RB#0-50RB#0	23.127	25.00	PASS
2-2	15MHz-10MHz	64QAM-64QAM	19027-19147	75RB#0-50RB#0	23.177	25.05	PASS
2-2	15MHz-10MHz	256QAM-256QAM	18675-18795	75RB#0-50RB#0	23.177	25.00	PASS
2-2	15MHz-10MHz	256QAM-256QAM	18851-18971	75RB#0-50RB#0	23.127	25.00	PASS
2-2	15MHz-10MHz	256QAM-256QAM	19027-19147	75RB#0-50RB#0	23.227	25.00	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18675-18825	75RB#0-75RB#0	28.412	30.24	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18825-18975	75RB#0-75RB#0	28.292	30.30	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18975-19125	75RB#0-75RB#0	28.352	30.12	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18675-18825	75RB#0-75RB#0	28.412	30.24	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18825-18975	75RB#0-75RB#0	28.292	30.24	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18975-19125	75RB#0-75RB#0	28.352	30.18	PASS
2-2	15MHz-15MHz	64QAM-64QAM	18675-18825	75RB#0-75RB#0	28.412	30.36	PASS
2-2	15MHz-15MHz	64QAM-64QAM	18825-18975	75RB#0-75RB#0	28.292	30.36	PASS
2-2	15MHz-15MHz	64QAM-64QAM	18975-19125	75RB#0-75RB#0	28.352	30.30	PASS
2-2	15MHz-15MHz	256QAM-256QAM	18675-18825	75RB#0-75RB#0	28.292	30.36	PASS
2-2	15MHz-15MHz	256QAM-256QAM	18825-18975	75RB#0-75RB#0	28.292	30.24	PASS
2-2	15MHz-15MHz	256QAM-256QAM	18975-19125	75RB#0-75RB#0	28.352	30.30	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18678-18849	75RB#0-100RB#0	32.657	34.72	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18803-18974	75RB#0-100RB#0	32.587	34.65	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18929-19100	75RB#0-100RB#0	32.587	34.65	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18678-18849	75RB#0-100RB#0	32.657	34.72	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18803-18974	75RB#0-100RB#0	32.517	34.72	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18929-19100	75RB#0-100RB#0	32.517	34.58	PASS
2-2	15MHz-20MHz	64QAM-64QAM	18678-18849	75RB#0-100RB#0	32.657	34.79	PASS
2-2	15MHz-20MHz	64QAM-64QAM	18803-18974	75RB#0-100RB#0	32.587	34.65	PASS
2-2	15MHz-20MHz	64QAM-64QAM	18929-19100	75RB#0-100RB#0	32.587	34.58	PASS
2-2	15MHz-20MHz	256QAM-256QAM	18678-18849	75RB#0-100RB#0	32.657	34.86	PASS
2-2	15MHz-20MHz	256QAM-256QAM	18803-18974	75RB#0-100RB#0	32.587	34.65	PASS
2-2	15MHz-20MHz	256QAM-256QAM	18929-19100	75RB#0-100RB#0	32.587	34.58	PASS
2-2	20MHz-10MHz	QPSK-QPSK	18700-18844	100RB#0-50RB#0	27.812	29.88	PASS
2-2	20MHz-10MHz	QPSK-QPSK	18851-18995	100RB#0-50RB#0	27.692	29.94	PASS
2-2	20MHz-10MHz	QPSK-QPSK	19001-19145	100RB#0-50RB#0	27.812	29.88	PASS
2-2	20MHz-10MHz	16QAM-16QAM	18700-18844	100RB#0-50RB#0	27.752	29.70	PASS
2-2	20MHz-10MHz	16QAM-16QAM	18851-18995	100RB#0-50RB#0	27.692	29.76	PASS



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2-2	20MHz-10MHz	16QAM-16QAM	19001-19145	100RB#0-50RB#0	27.812	29.82	PASS
2-2	20MHz-10MHz	64QAM-64QAM	18700-18844	100RB#0-50RB#0	27.752	29.82	PASS
2-2	20MHz-10MHz	64QAM-64QAM	18851-18995	100RB#0-50RB#0	27.752	29.88	PASS
2-2	20MHz-10MHz	64QAM-64QAM	19001-19145	100RB#0-50RB#0	27.812	29.88	PASS
2-2	20MHz-10MHz	256QAM-256QAM	18700-18844	100RB#0-50RB#0	27.812	29.82	PASS
2-2	20MHz-10MHz	256QAM-256QAM	18851-18995	100RB#0-50RB#0	27.692	30.12	PASS
2-2	20MHz-10MHz	256QAM-256QAM	19001-19145	100RB#0-50RB#0	27.812	29.94	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18700-18871	100RB#0-75RB#0	32.657	34.86	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18826-18997	100RB#0-75RB#0	32.517	34.86	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18951-19122	100RB#0-75RB#0	32.657	34.79	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18700-18871	100RB#0-75RB#0	32.657	34.86	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18826-18997	100RB#0-75RB#0	32.657	34.79	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18951-19122	100RB#0-75RB#0	32.587	34.86	PASS
2-2	20MHz-15MHz	64QAM-64QAM	18700-18871	100RB#0-75RB#0	32.657	34.93	PASS
2-2	20MHz-15MHz	64QAM-64QAM	18826-18997	100RB#0-75RB#0	32.587	34.86	PASS
2-2	20MHz-15MHz	64QAM-64QAM	18951-19122	100RB#0-75RB#0	32.657	34.79	PASS
2-2	20MHz-15MHz	256QAM-256QAM	18700-18871	100RB#0-75RB#0	32.657	34.86	PASS
2-2	20MHz-15MHz	256QAM-256QAM	18826-18997	100RB#0-75RB#0	32.657	34.93	PASS
2-2	20MHz-15MHz	256QAM-256QAM	18951-19122	100RB#0-75RB#0	32.587	34.86	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18700-18898	100RB#0-100RB#0	37.882	40.56	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	37.802	40.56	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18902-19100	100RB#0-100RB#0	37.722	40.48	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18700-18898	100RB#0-100RB#0	37.882	40.56	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	37.802	40.72	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18902-19100	100RB#0-100RB#0	37.802	40.56	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18700-18898	100RB#0-100RB#0	37.882	40.72	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	37.802	40.56	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18902-19100	100RB#0-100RB#0	37.722	40.64	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18700-18898	100RB#0-100RB#0	37.802	40.64	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18801-18999	100RB#0-100RB#0	37.722	40.72	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18902-19100	100RB#0-100RB#0	37.722	40.64	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18700-18817	100RB#0-25RB#0	22.977	24.65	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18875-18992	100RB#0-25RB#0	22.927	24.75	PASS
2-2	20MHz-5MHz	QPSK-QPSK	19050-19167	100RB#0-25RB#0	22.977	24.80	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18700-18817	100RB#0-25RB#0	22.977	24.60	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18875-18992	100RB#0-25RB#0	22.877	24.70	PASS



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2-2	20MHz-5MHz	16QAM-16QAM	19050-19167	100RB#0-25RB#0	22.977	24.65	PASS
2-2	20MHz-5MHz	64QAM-64QAM	18700-18817	100RB#0-25RB#0	22.927	24.70	PASS
2-2	20MHz-5MHz	64QAM-64QAM	18875-18992	100RB#0-25RB#0	22.927	24.65	PASS
2-2	20MHz-5MHz	64QAM-64QAM	19050-19167	100RB#0-25RB#0	22.977	24.85	PASS
2-2	20MHz-5MHz	256QAM-256QAM	18700-18817	100RB#0-25RB#0	22.977	24.65	PASS
2-2	20MHz-5MHz	256QAM-256QAM	18875-18992	100RB#0-25RB#0	22.927	24.60	PASS
2-2	20MHz-5MHz	256QAM-256QAM	19050-19167	100RB#0-25RB#0	22.977	24.70	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18633-18750	25RB#0-100RB#0	22.927	24.60	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18808-18925	25RB#0-100RB#0	22.927	24.40	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18983-19100	25RB#0-100RB#0	22.977	24.45	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18633-18750	25RB#0-100RB#0	22.827	24.25	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18808-18925	25RB#0-100RB#0	22.877	24.30	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18983-19100	25RB#0-100RB#0	22.927	24.25	PASS
2-2	5MHz-20MHz	64QAM-64QAM	18633-18750	25RB#0-100RB#0	22.827	24.25	PASS
2-2	5MHz-20MHz	64QAM-64QAM	18808-18925	25RB#0-100RB#0	22.927	24.40	PASS
2-2	5MHz-20MHz	64QAM-64QAM	18983-19100	25RB#0-100RB#0	22.927	24.30	PASS
2-2	5MHz-20MHz	256QAM-256QAM	18633-18750	25RB#0-100RB#0	22.827	24.40	PASS
2-2	5MHz-20MHz	256QAM-256QAM	18808-18925	25RB#0-100RB#0	22.877	24.50	PASS
2-2	5MHz-20MHz	256QAM-256QAM	18983-19100	25RB#0-100RB#0	22.877	24.35	PASS



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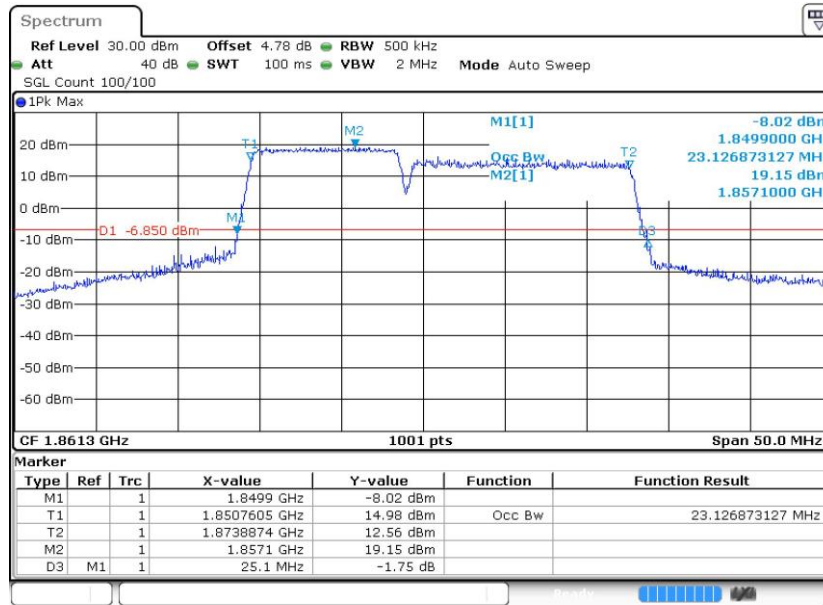


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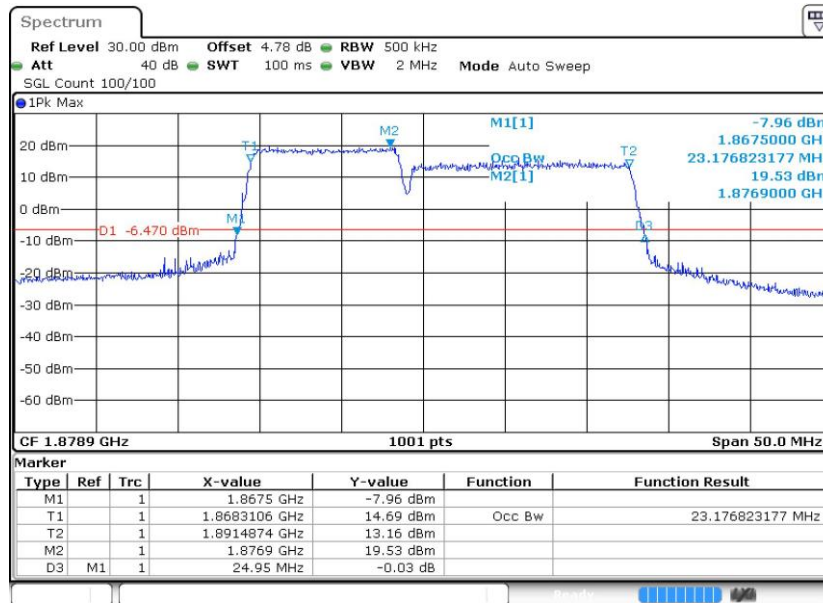
Test Graphs

2-2-10MHz-15MHz-QPSK-QPSK-18653-18773-50RB#0-75RB#0



Date: 24.DEC.2023 10:26:34

2-2-10MHz-15MHz-QPSK-QPSK-18829-18949-50RB#0-75RB#0



Date: 24.DEC.2023 10:28:10



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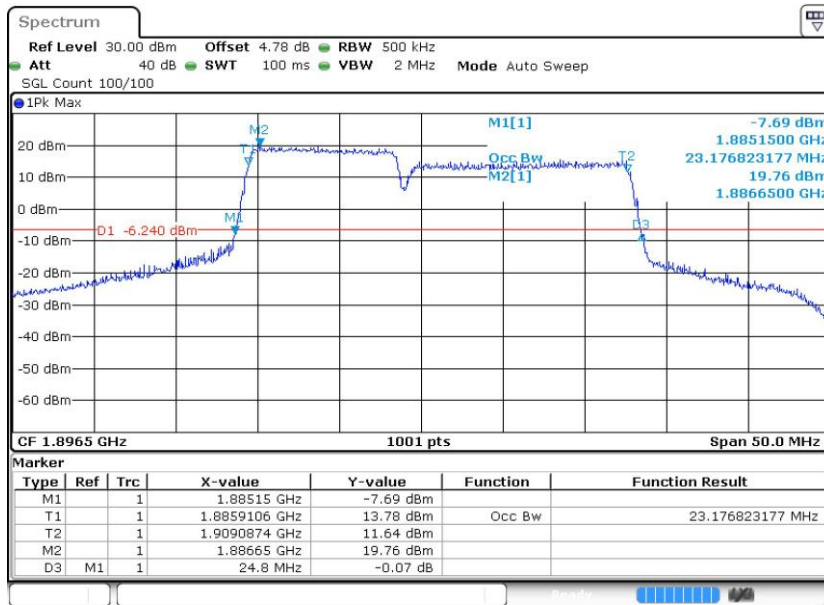
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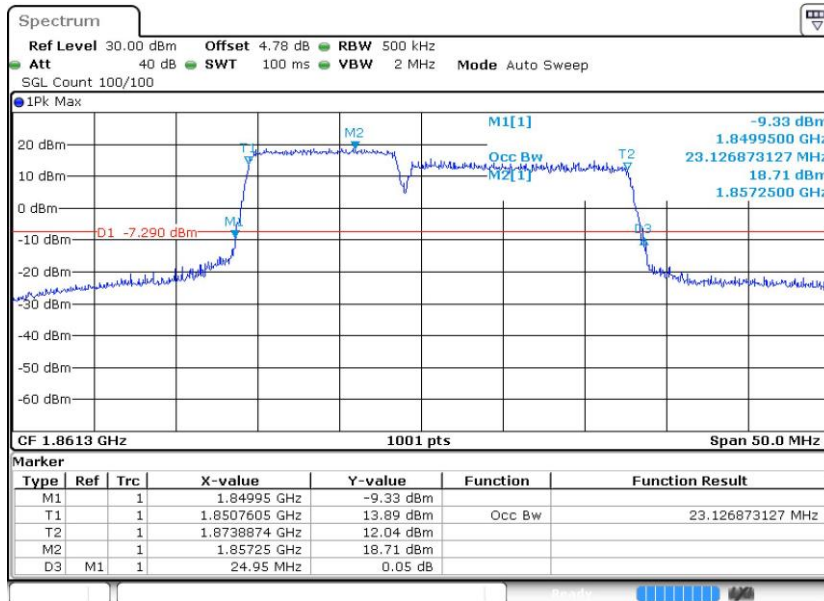
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2-2-10MHz-15MHz-QPSK-QPSK-19005-19125-50RB#0-75RB#0



Date: 24.DEC.2023 10:29:35

2-2-10MHz-15MHz-16QAM-16QAM-18653-18773-50RB#0-75RB#0



Date: 24.DEC.2023 10:27:13



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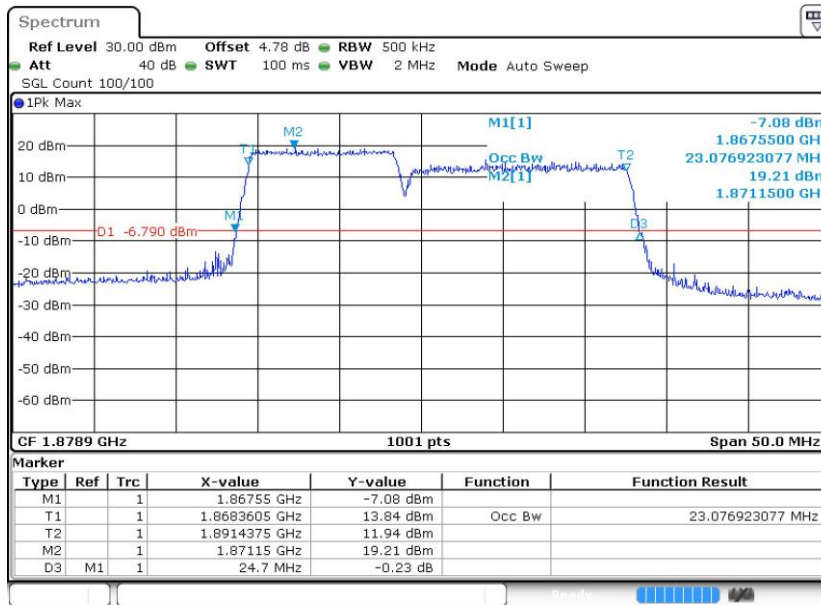
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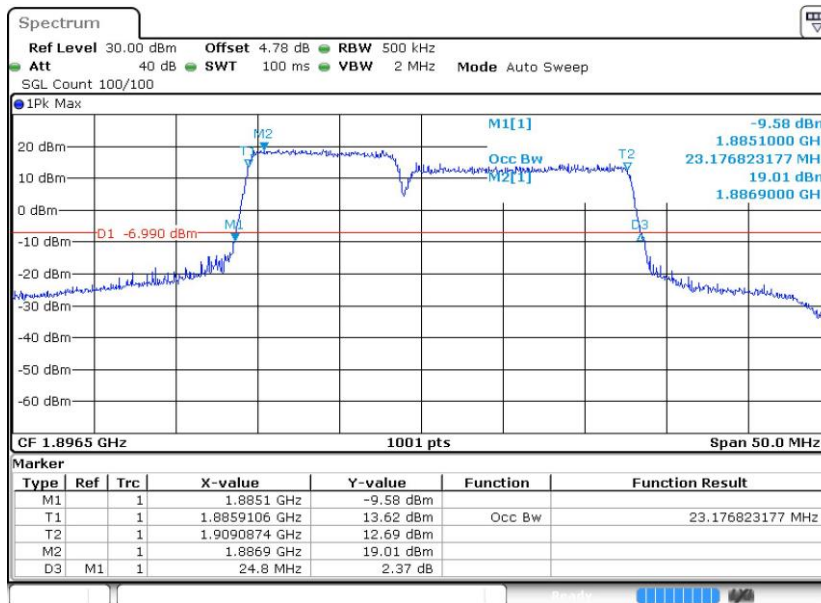
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2-2-10MHz-15MHz-16QAM-16QAM-18829-18949-50RB#0-75RB#0



Date: 24.DEC.2023 10:28:49

2-2-10MHz-15MHz-16QAM-16QAM-19005-19125-50RB#0-75RB#0



Date: 24.DEC.2023 10:30:14



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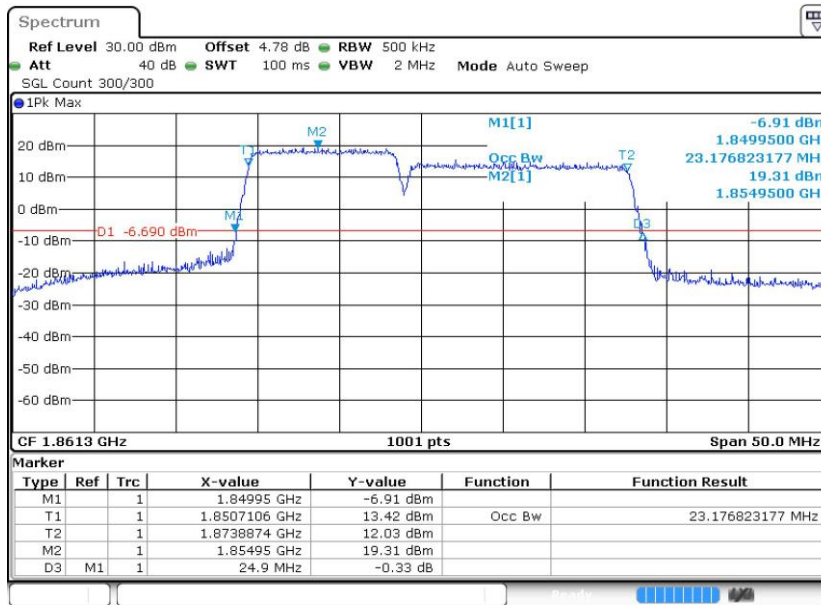
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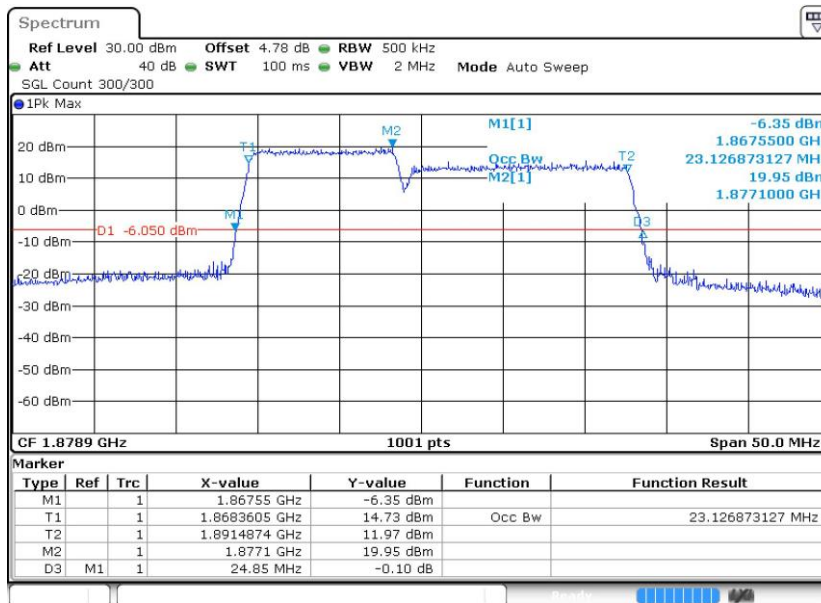
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2-2-10MHz-15MHz-64QAM-64QAM-18653-18773-50RB#0-75RB#0



Date: 24.DEC.2023 19:55:19

2-2-10MHz-15MHz-64QAM-64QAM-18829-18949-50RB#0-75RB#0



Date: 24.DEC.2023 19:56:31



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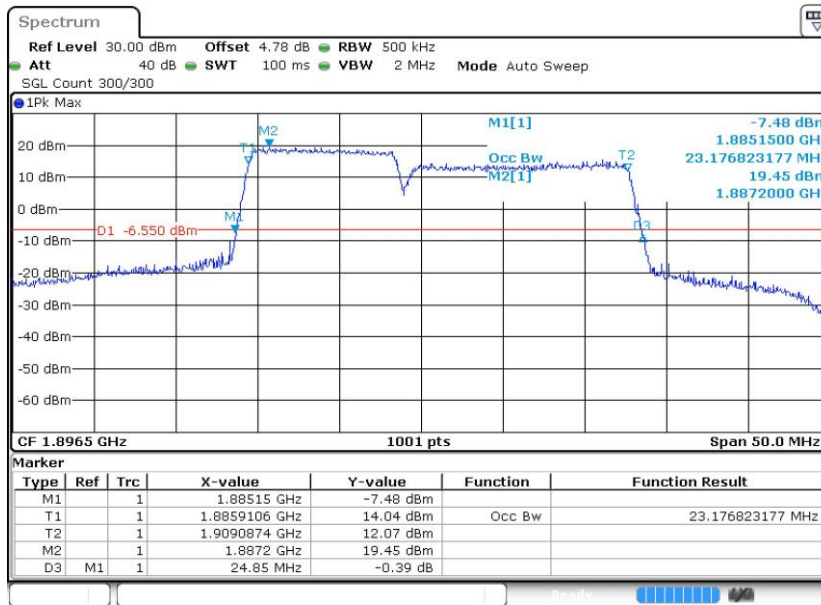
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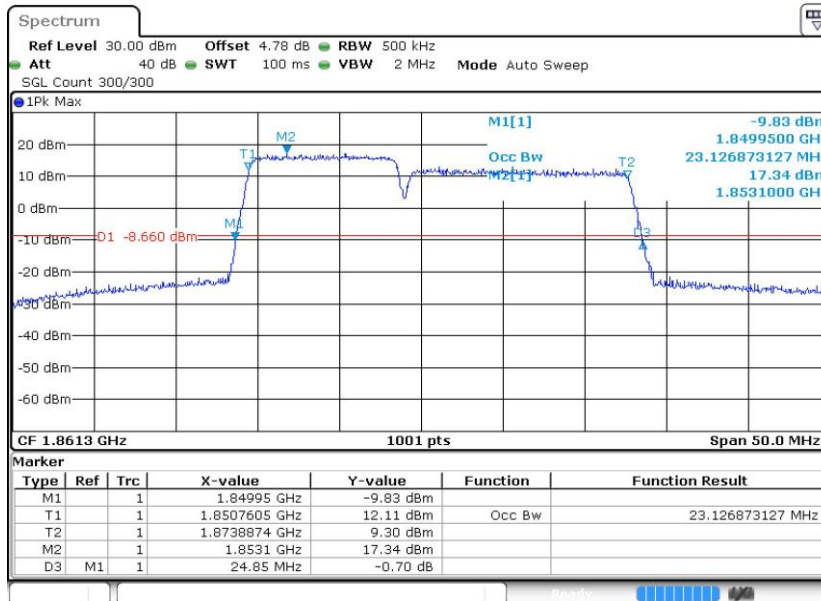
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2-2-10MHz-15MHz-64QAM-64QAM-19005-19125-50RB#0-75RB#0



Date: 24.DEC.2023 19:57:41

2-2-10MHz-15MHz-256QAM-256QAM-18653-18773-50RB#0-75RB#0



Date: 26.DEC.2023 10:43:46



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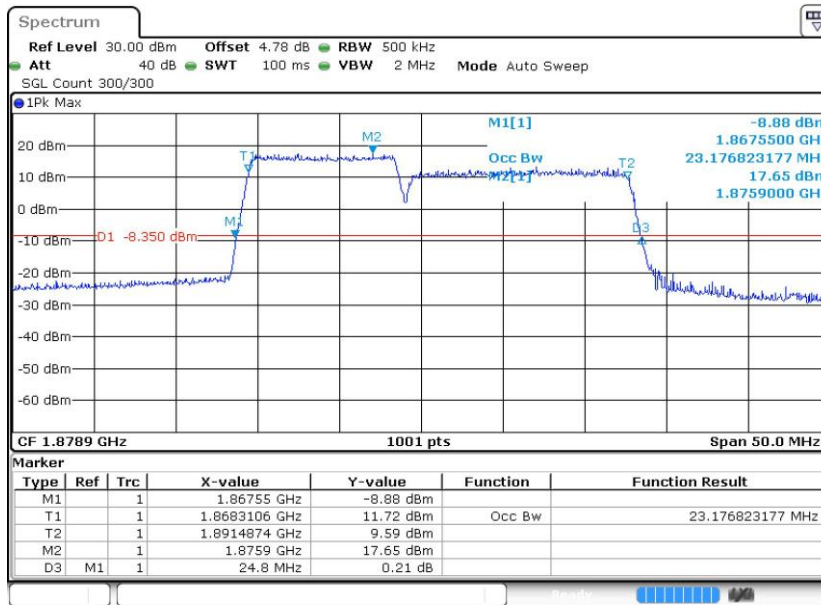
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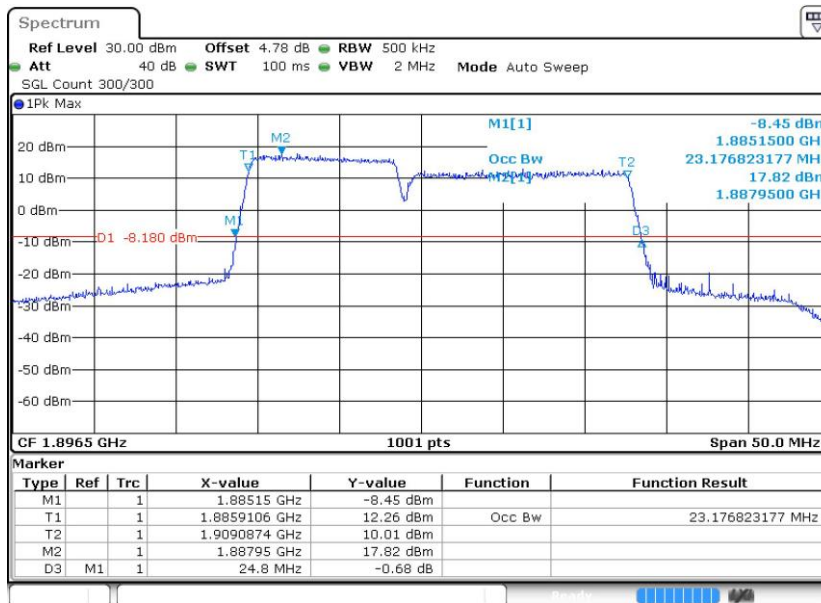
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2-2-10MHz-15MHz-256QAM-256QAM-18829-18949-50RB#0-75RB#0



Date: 26 DEC. 2023 10:45:06

2-2-10MHz-15MHz-256QAM-256QAM-19005-19125-50RB#0-75RB#0



Date: 26 DEC. 2023 10:46:27



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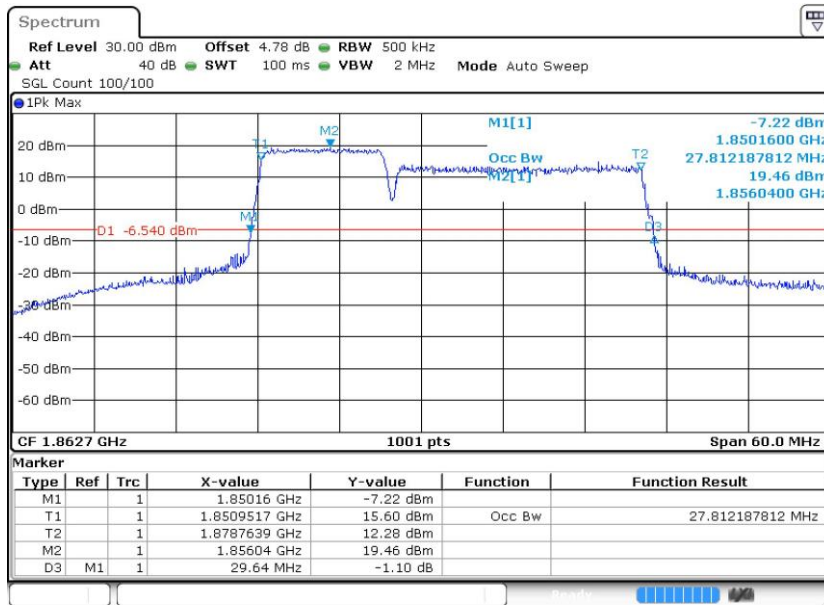
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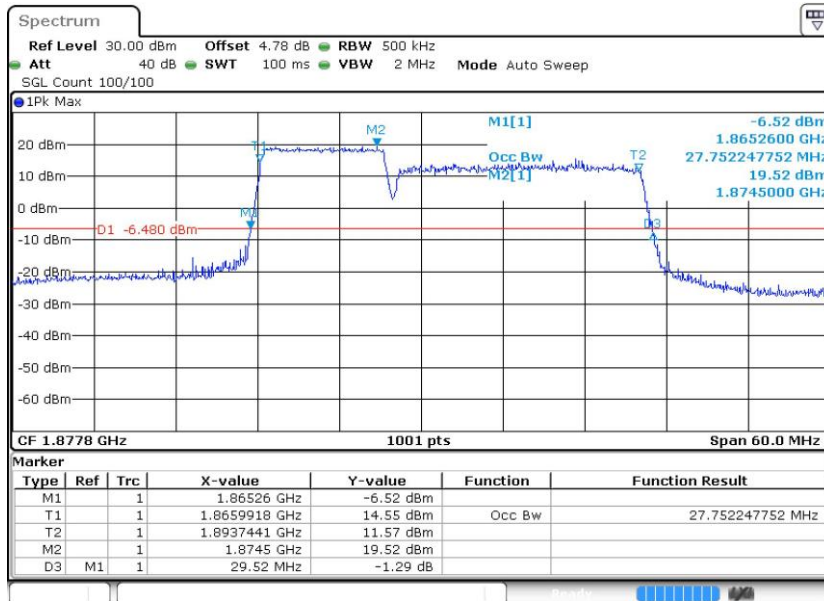
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2-2-10MHz-20MHz-QPSK-QPSK-18655-18799-50RB#0-100RB#0



Date: 24.DEC.2023 10:31:09

2-2-10MHz-20MHz-QPSK-QPSK-18806-18950-50RB#0-100RB#0



Date: 24.DEC.2023 10:32:45



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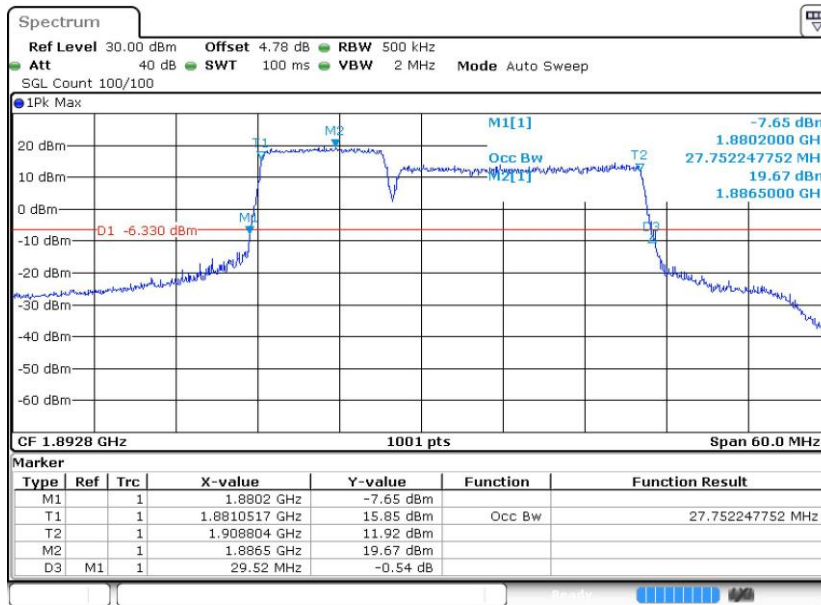
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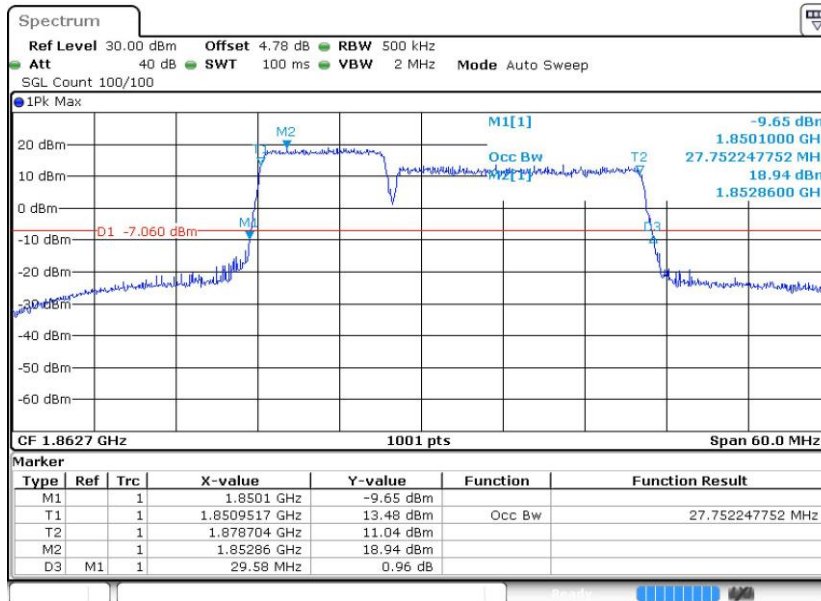
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2-2-10MHz-20MHz-QPSK-QPSK-18956-19100-50RB#0-100RB#0



Date: 24.DEC.2023 10:34:11

2-2-10MHz-20MHz-16QAM-16QAM-18655-18799-50RB#0-100RB#0



Date: 24.DEC.2023 10:31:48



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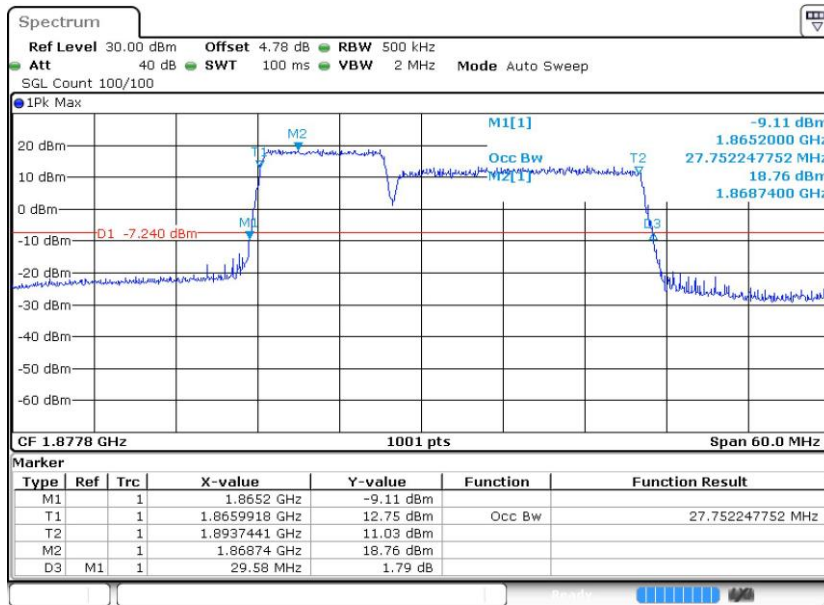
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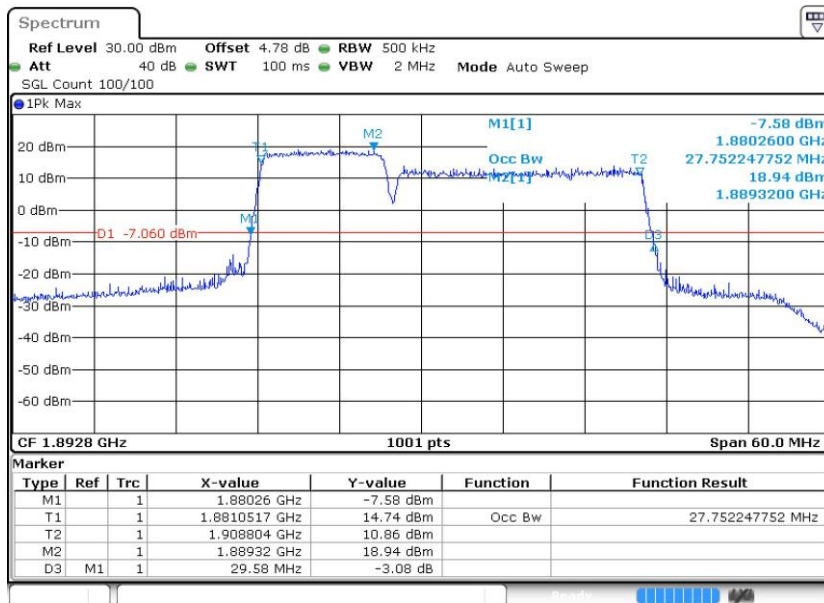
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2-2-10MHz-20MHz-16QAM-16QAM-18806-18950-50RB#0-100RB#0



Date: 24.DEC.2023 10:33:24

2-2-10MHz-20MHz-16QAM-16QAM-18956-19100-50RB#0-100RB#0



Date: 24.DEC.2023 10:34:50



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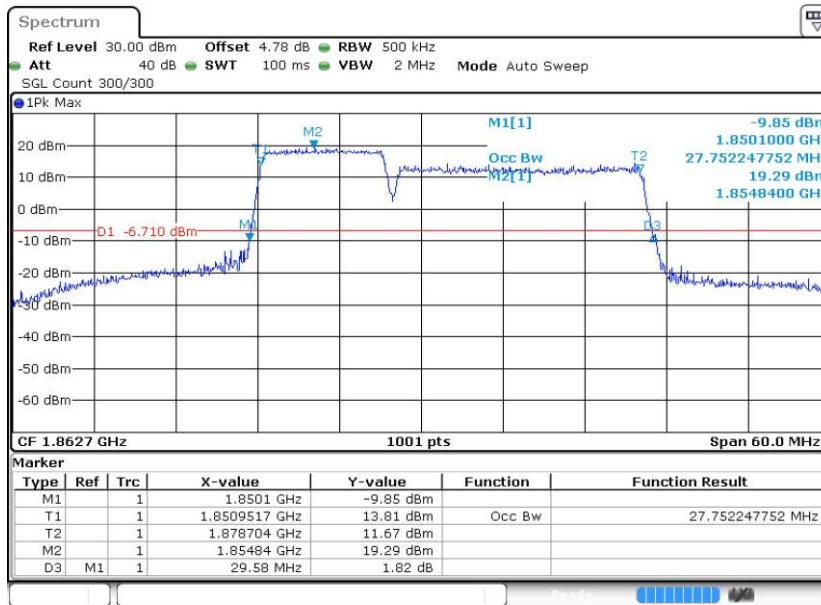
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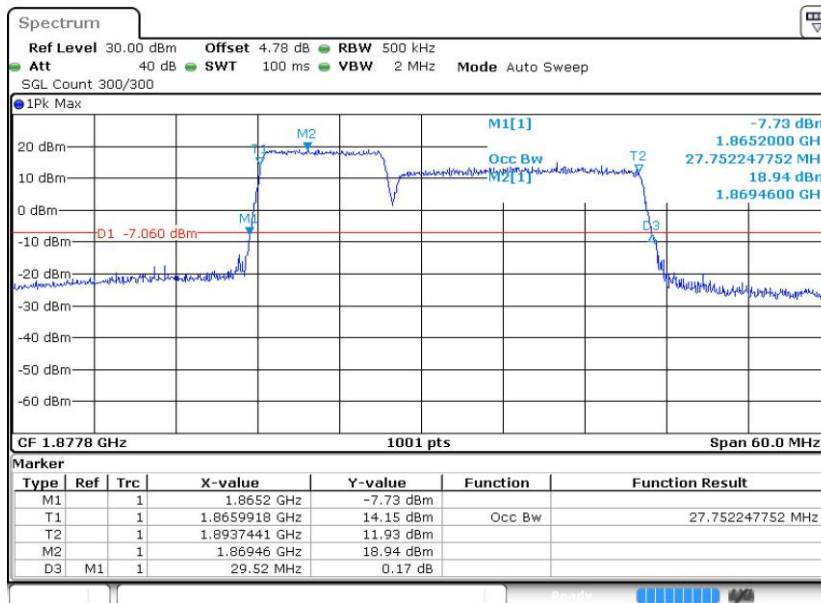
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Date: 24.DEC.2023 20:01:46

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Date: 24.DEC.2023 20:02:56



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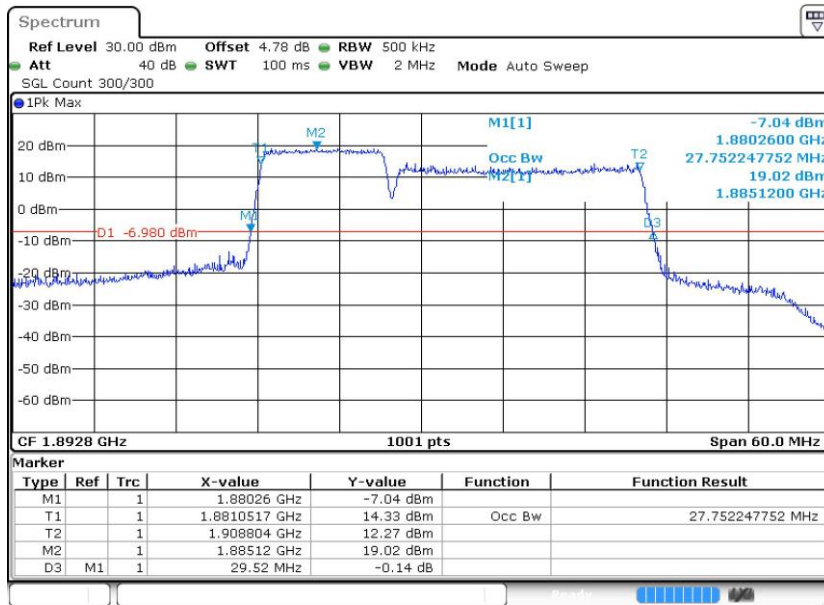
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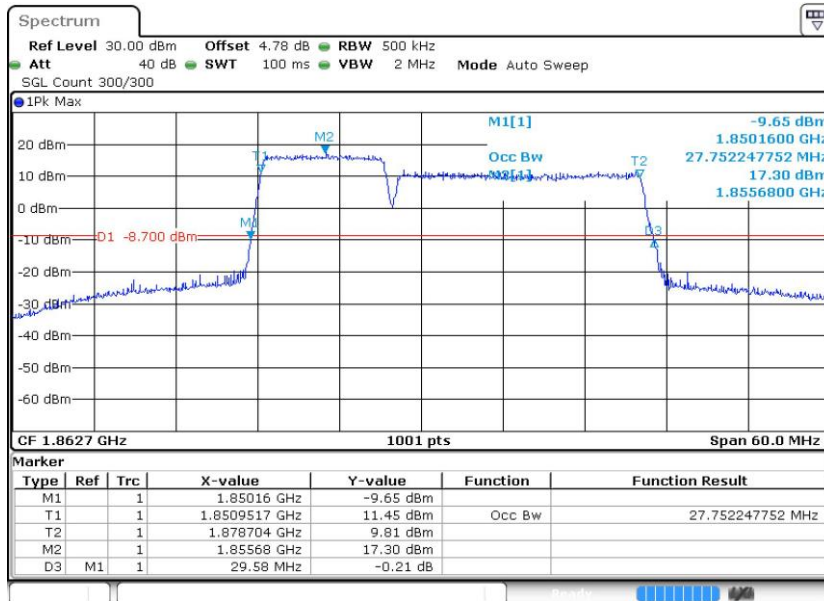
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Date: 24.DEC.2023 20:04:08

2-2-10MHz-20MHz-256QAM-256QAM-18655-18799-50RB#0-100RB#0



Date: 26.DEC.2023 10:47:56



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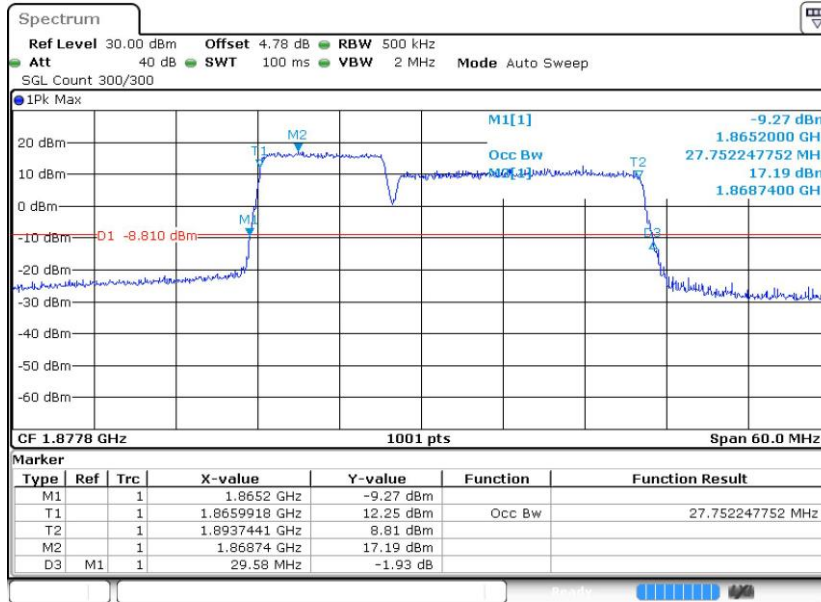
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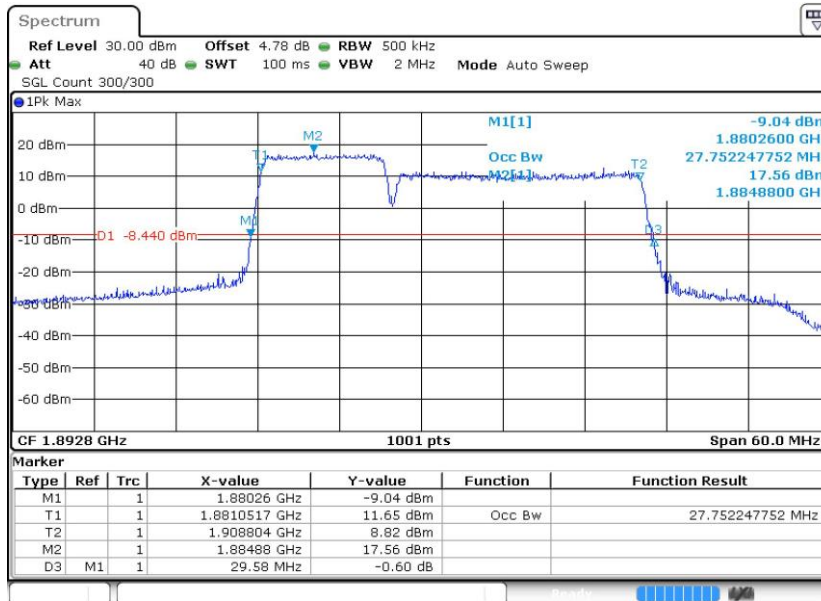
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Date: 26 DEC. 2023 10:49:17

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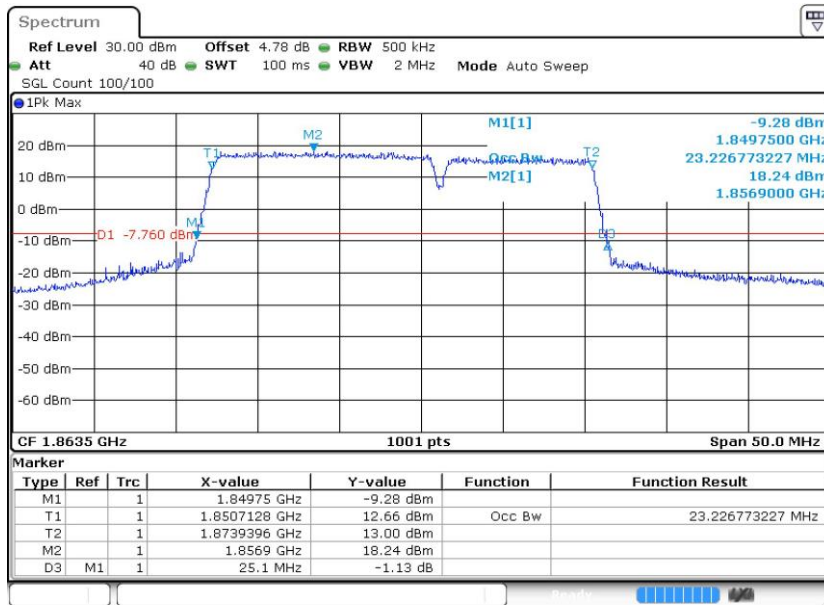
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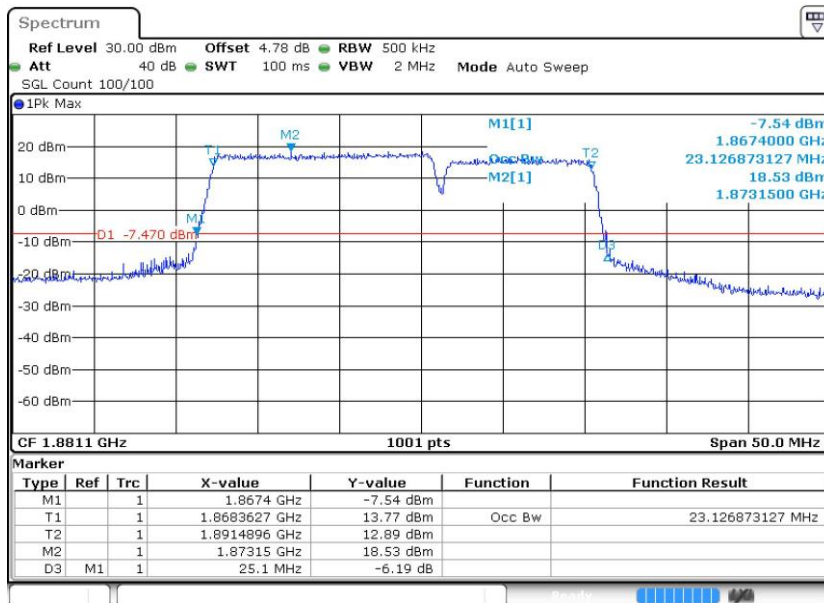
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Date: 24.DEC.2023 10:40:27

2-2-15MHz-10MHz-QPSK-QPSK-18851-18971-75RB#0-50RB#0



Date: 24.DEC.2023 10:42:03



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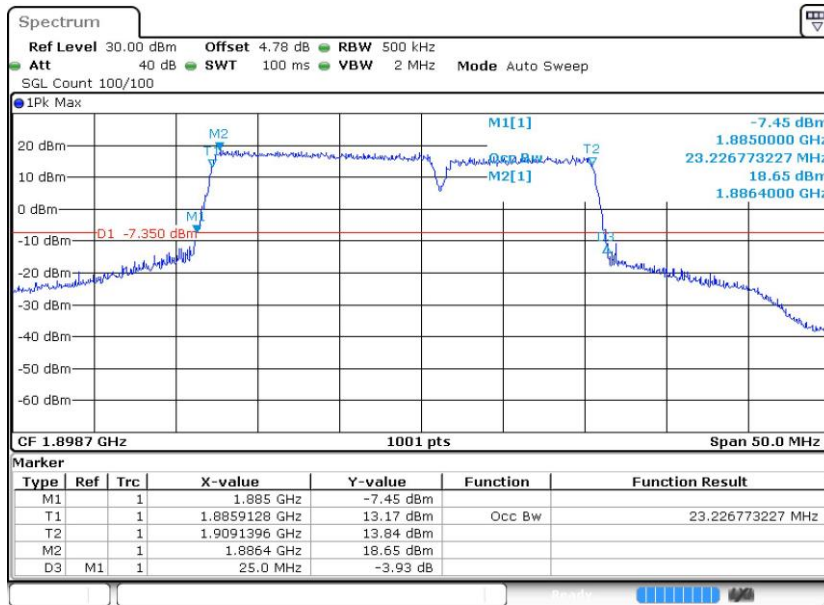
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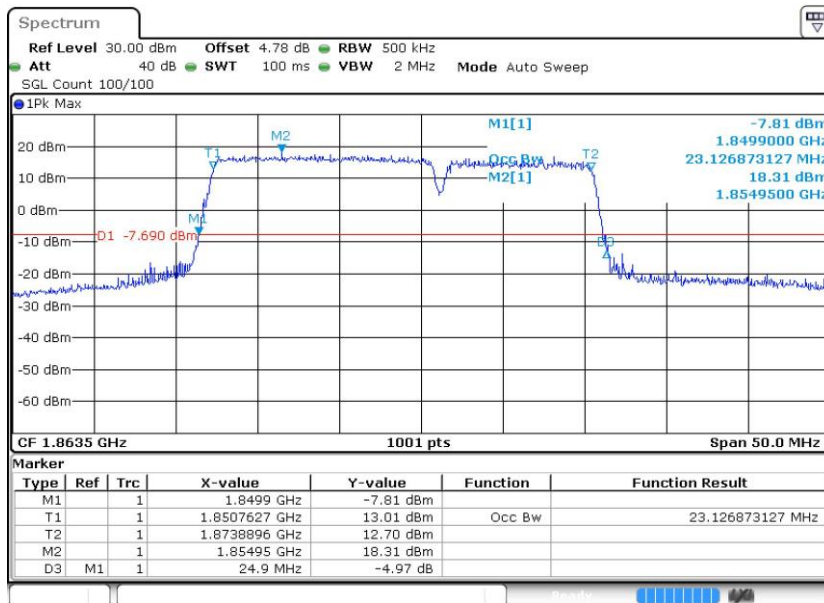
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2-2-15MHz-10MHz-QPSK-QPSK-19027-19147-75RB#0-50RB#0



Date: 24.DEC.2023 10:43:54

2-2-15MHz-10MHz-16QAM-16QAM-18675-18795-75RB#0-50RB#0



Date: 24.DEC.2023 10:41:06



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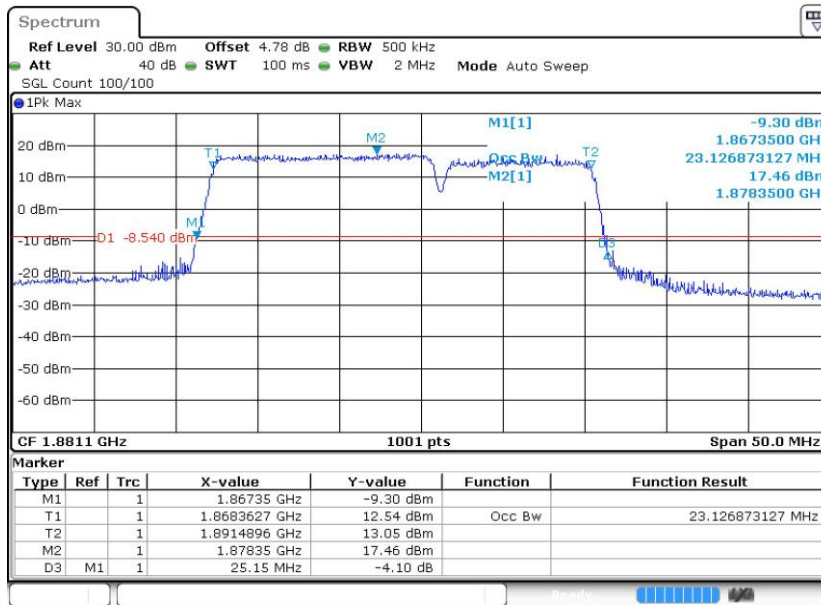
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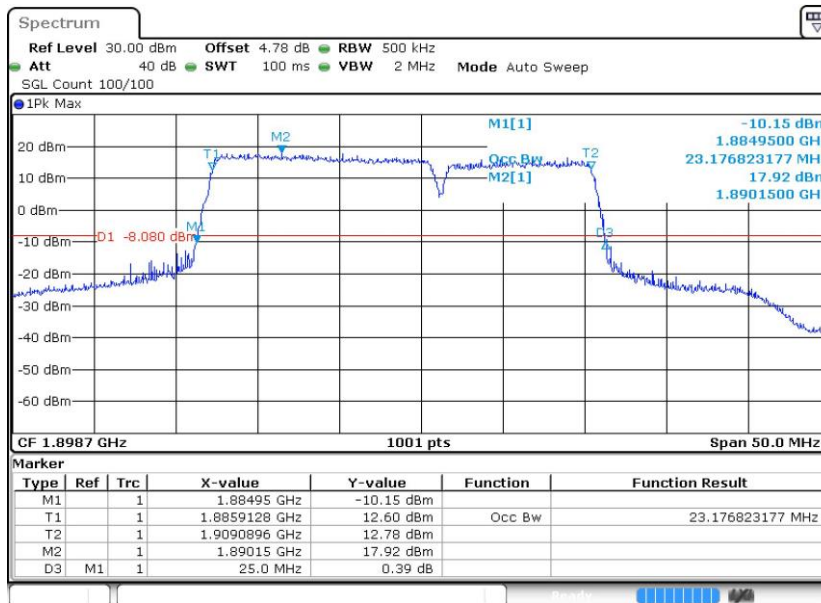
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Date: 24.DEC.2023 10:42:42

2-2-15MHz-10MHz-16QAM-16QAM-19027-19147-75RB#0-50RB#0



Date: 24.DEC.2023 10:44:33



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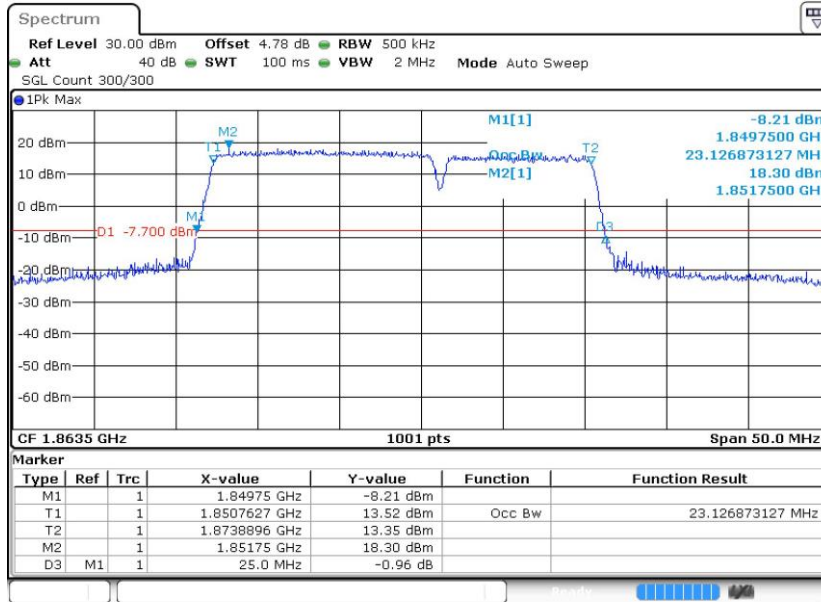
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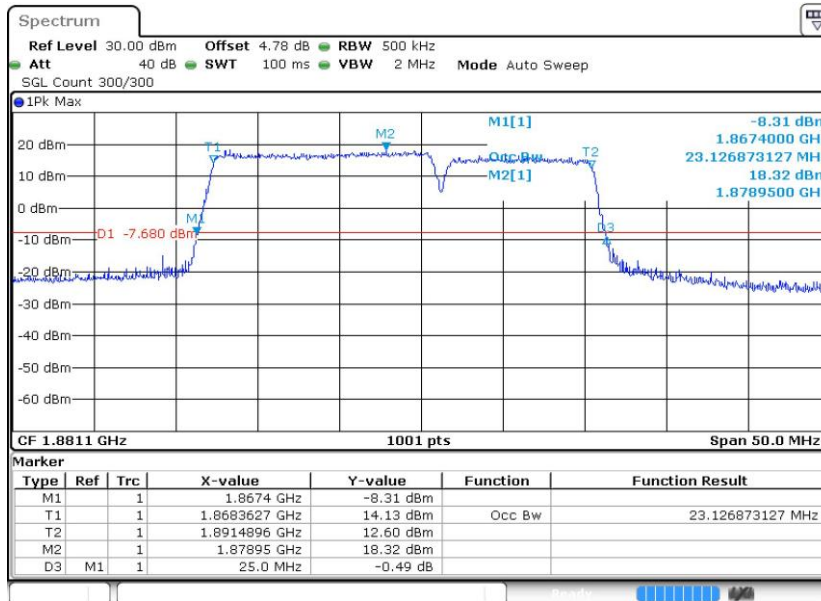
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Date: 24.DEC.2023 20:14:45

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Date: 24.DEC.2023 20:16:07



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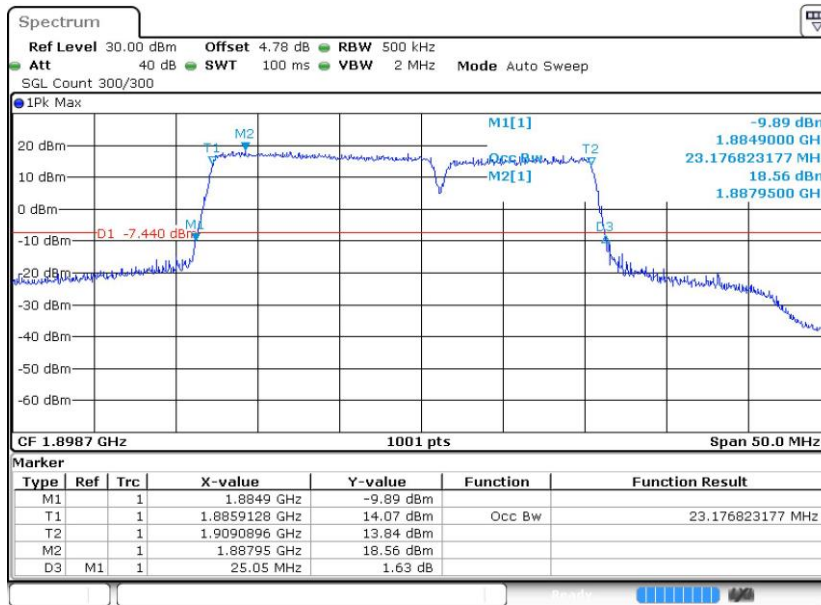
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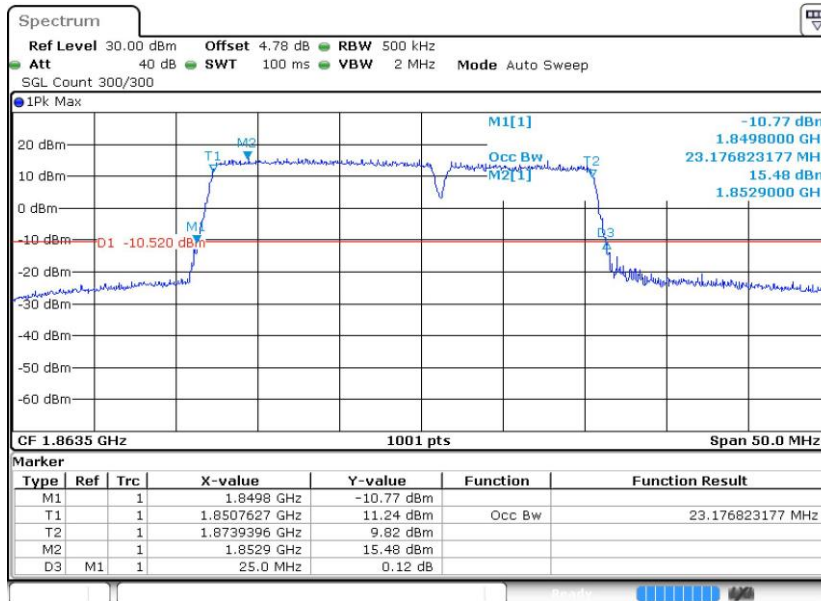
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2-2-15MHz-10MHz-64QAM-64QAM-19027-19147-75RB#0-50RB#0



Date: 24.DEC.2023 20:17:17

2-2-15MHz-10MHz-256QAM-256QAM-18675-18795-75RB#0-50RB#0



Date: 26.DEC.2023 10:55:45



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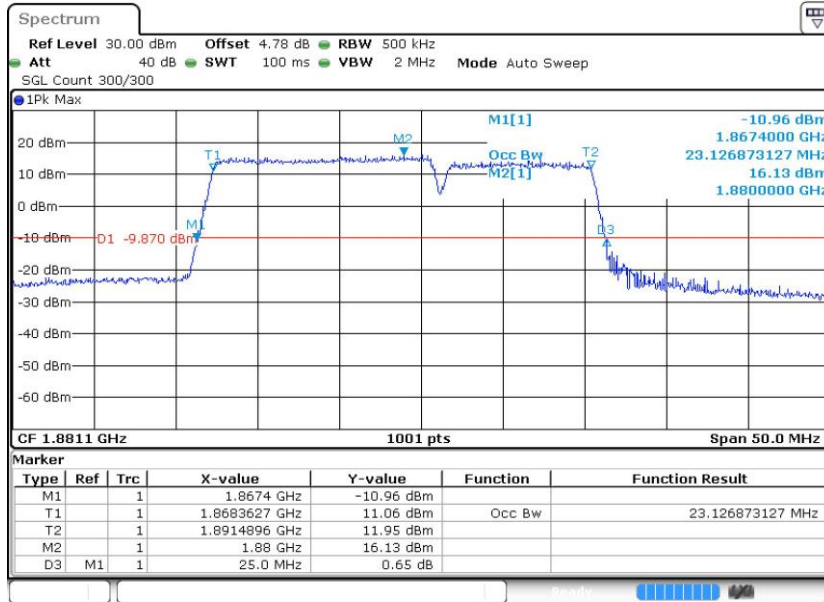
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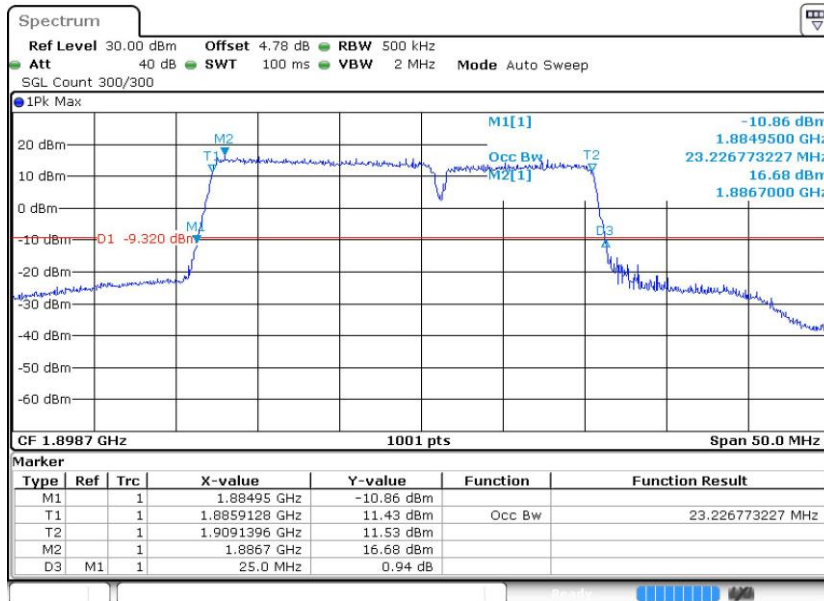
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2-2-15MHz-10MHz-256QAM-256QAM-18851-18971-75RB#0-50RB#0



Date: 26 DEC. 2023 10:57:05

2-2-15MHz-10MHz-256QAM-256QAM-19027-19147-75RB#0-50RB#0



Date: 26 DEC. 2023 10:58:28



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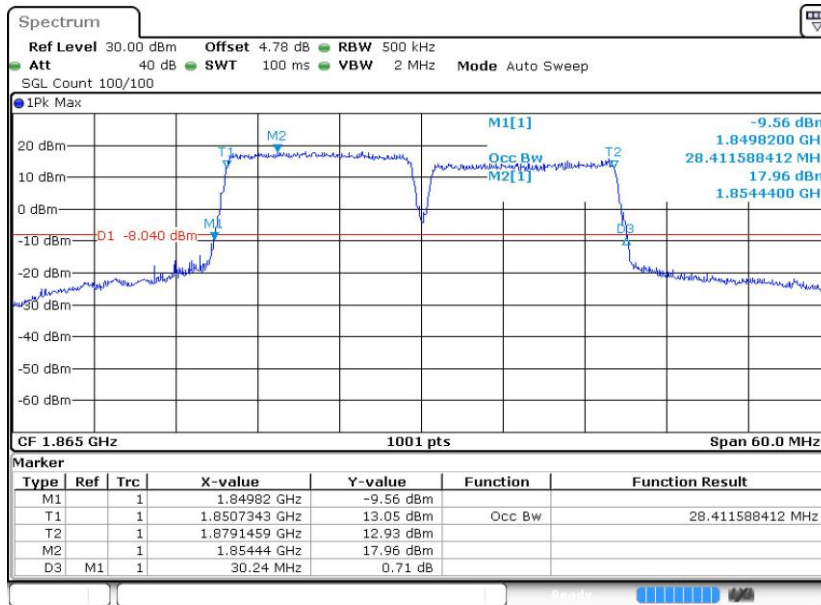
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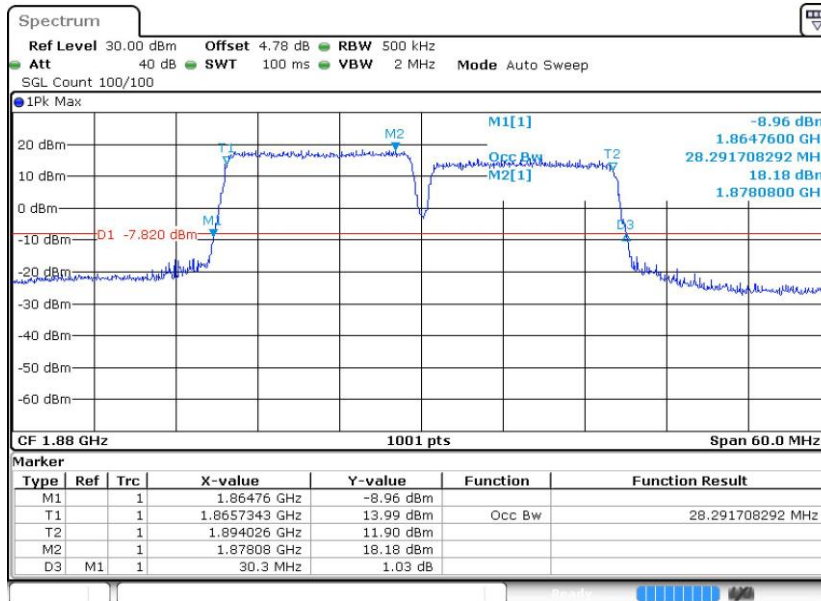
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Date: 24.DEC.2023 10:45:35

2-2-15MHz-15MHz-QPSK-QPSK-18825-18975-75RB#0-75RB#0



Date: 24.DEC.2023 10:47:09



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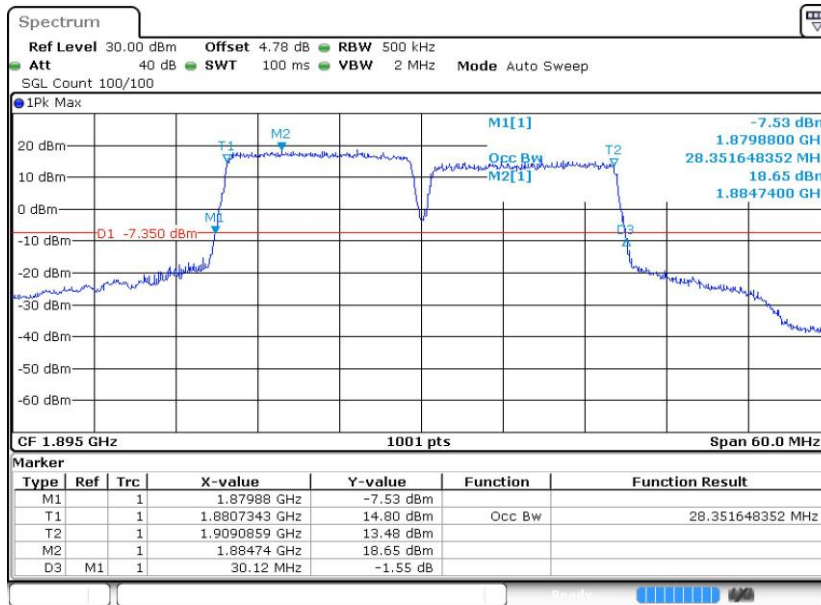
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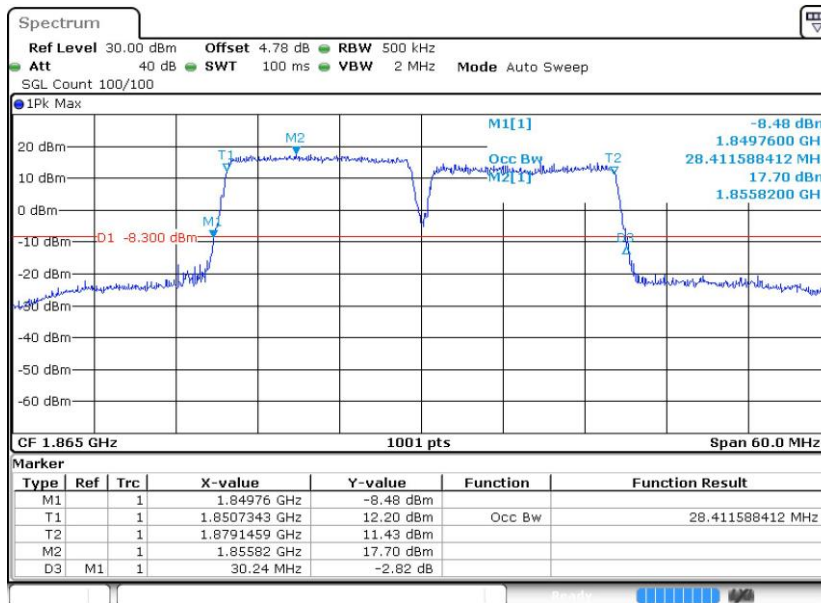
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Date: 24.DEC.2023 10:48:35

2-2-15MHz-15MHz-16QAM-16QAM-18675-18825-75RB#0-75RB#0



Date: 24.DEC.2023 10:46:15



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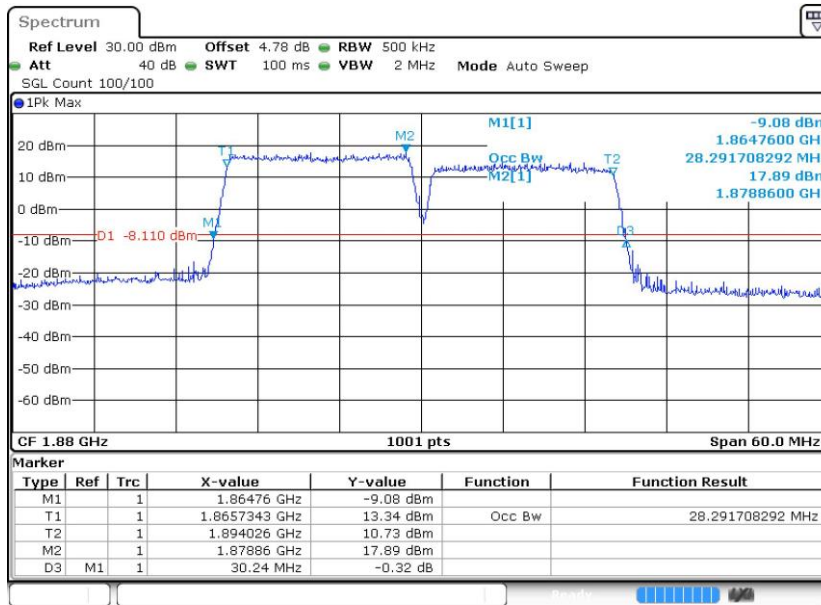
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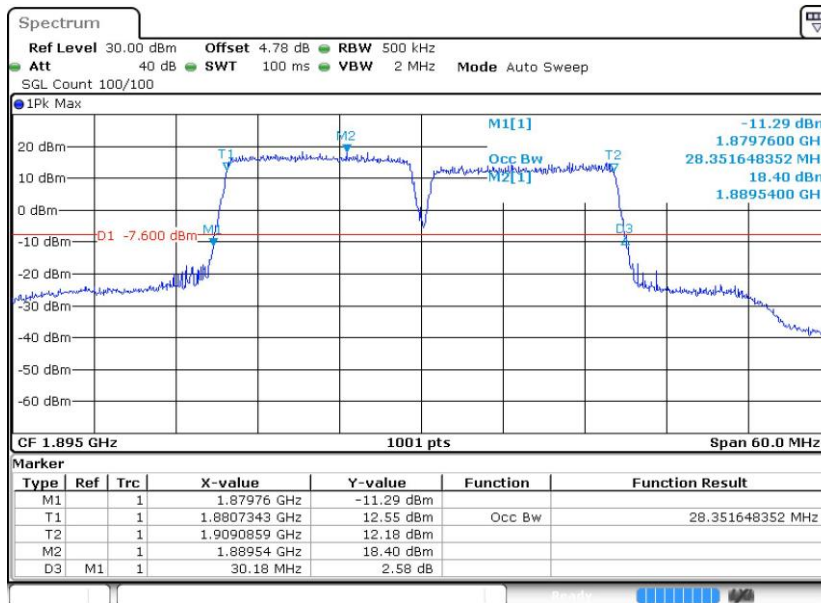
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Date: 24.DEC.2023 10:47:48

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Date: 24.DEC.2023 10:49:14



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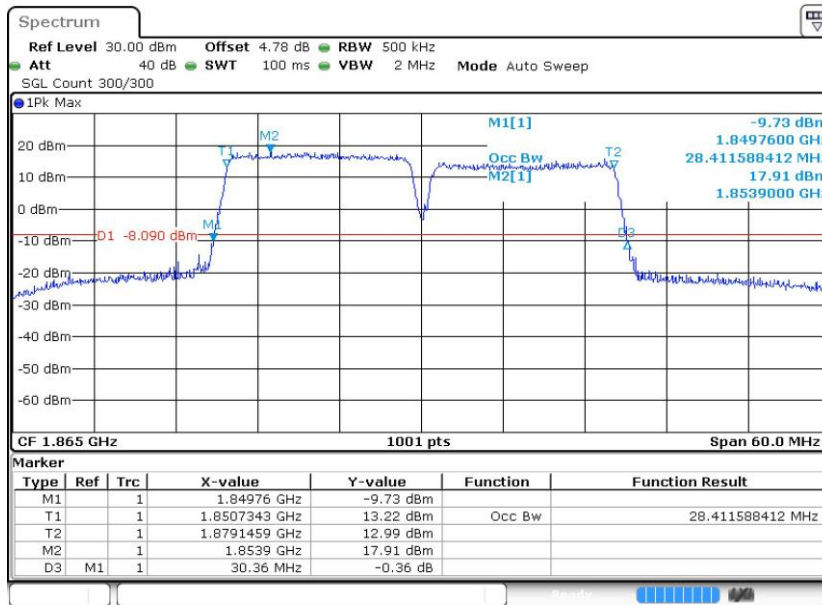
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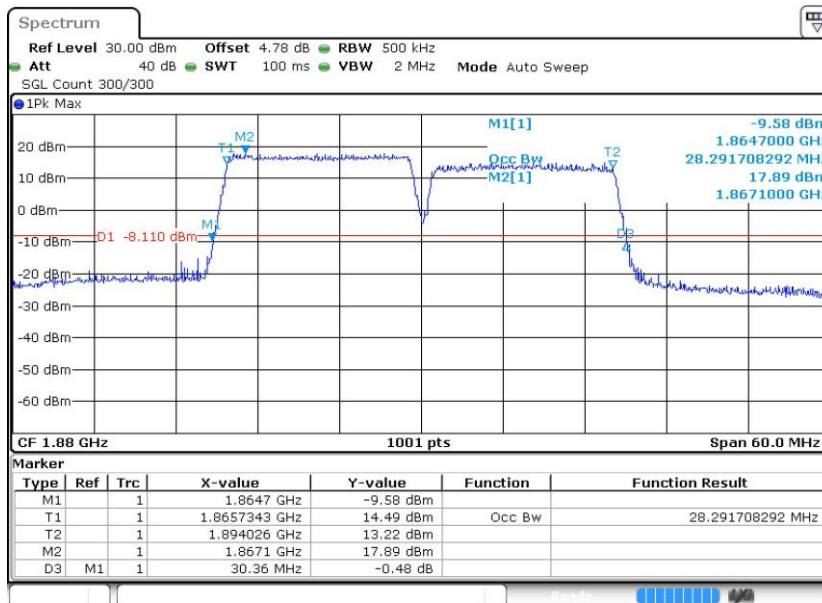
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Date: 24.DEC.2023 20:21:30

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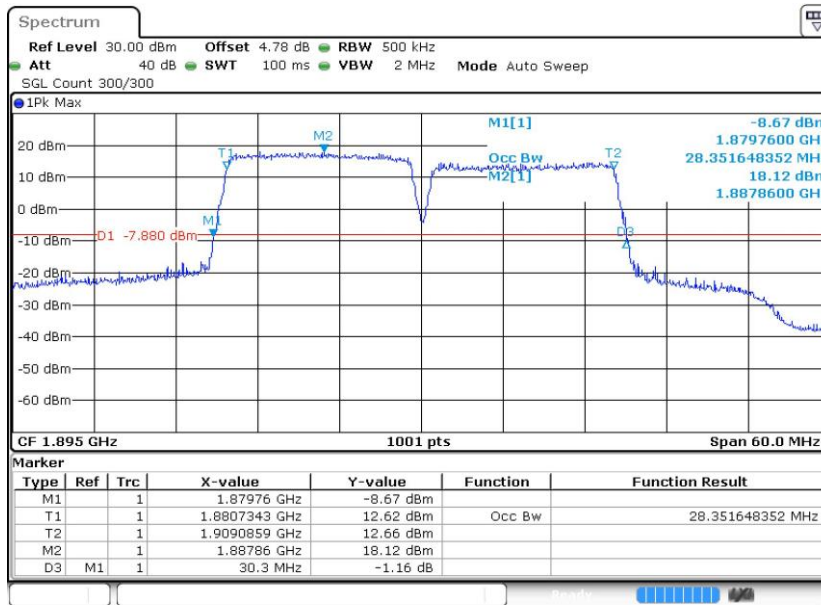
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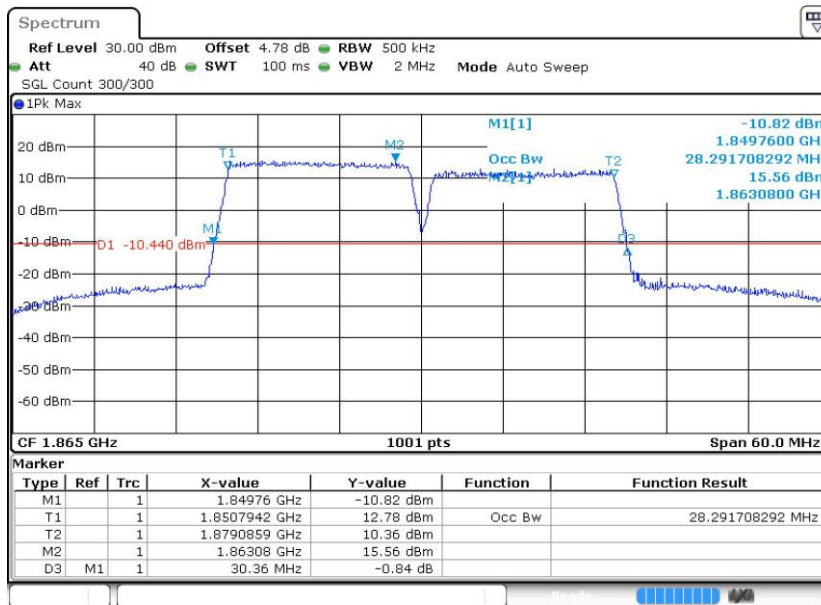
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2-2-15MHz-15MHz-256QAM-256QAM-18675-18825-75RB#0-75RB#0



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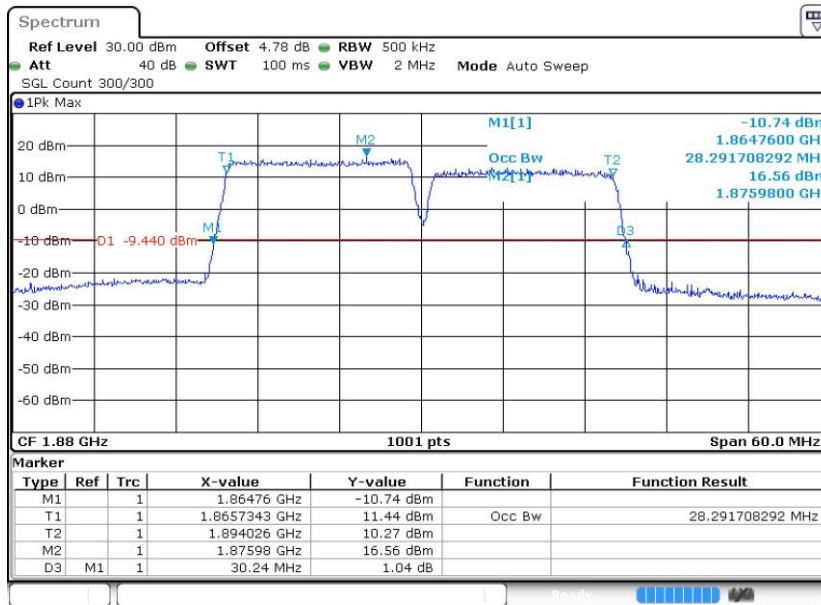
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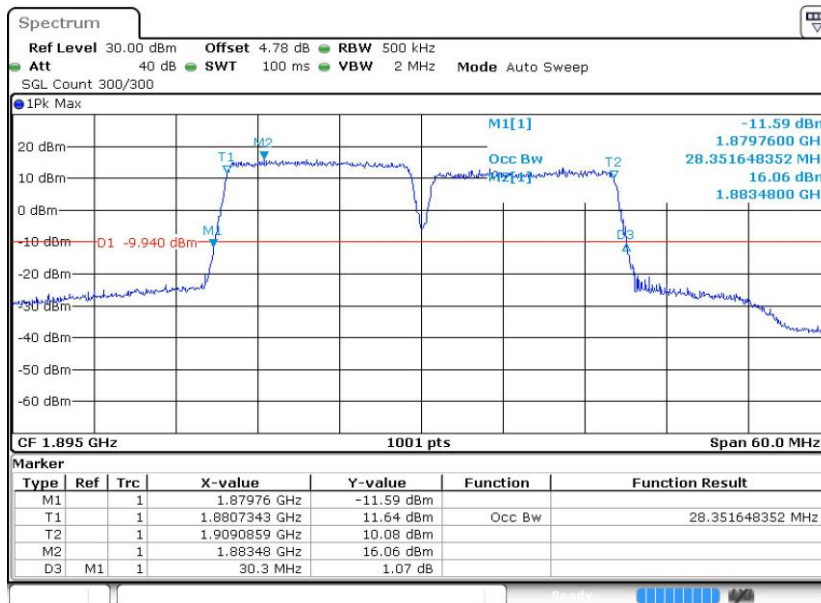
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Date: 26 DEC. 2023 11:01:21

2-2-15MHz-15MHz-256QAM-256QAM-18975-19125-75RB#0-75RB#0



Date: 26 DEC. 2023 11:02:42



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