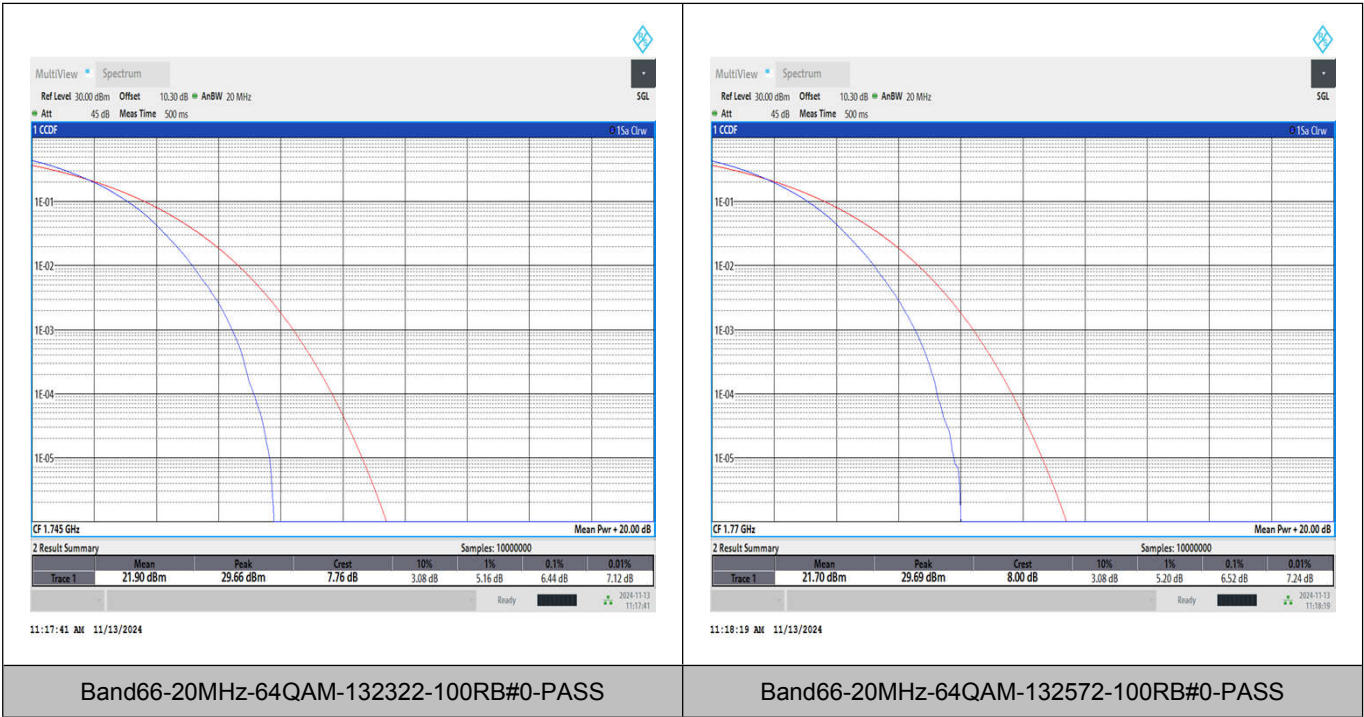




MultiViewSpectrum

Ref Level 30.00 dBmOffset 10.30 dBAnBW 20 MHz

Att 45 dBMeasure Time 500 ms

1 CCDF

1Sa Clw

CF 1.77 GHz

Mean Pwr + 20.00 dB

2 Result Summary

Samples: 10000000

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	21.70 dBm	29.69 dBm	8.00 dB	3.08 dB	5.20 dB	6.52 dB	7.24 dB

Ready2024-11-13 11:18:19

Band66-20MHz-64QAM-132572-100RB#0-PASS

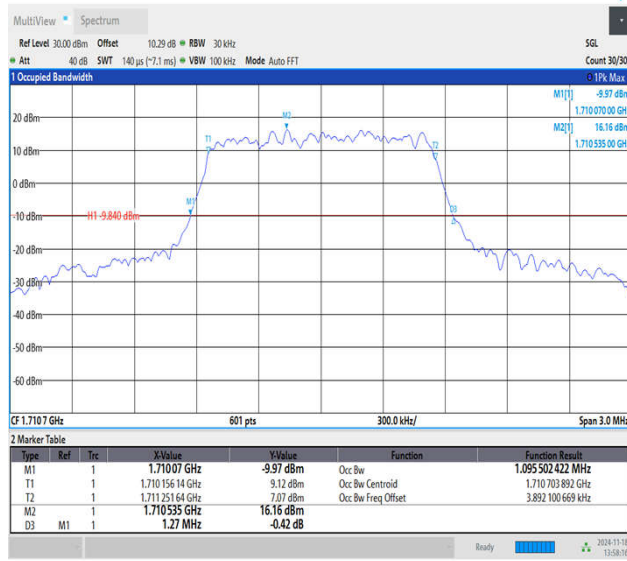
1.3 OCCUPIED BANDWIDTH

1.3.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.096	1.27	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.083	1.27	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.086	1.25	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.101	1.27	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.095	1.30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.094	1.29	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.099	1.28	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.09	1.24	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.098	1.31	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.697	2.96	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.684	2.91	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.686	2.91	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.69	2.97	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.696	2.86	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.671	2.97	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.684	2.92	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.681	2.89	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.688	2.88	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.471	4.94	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.495	4.97	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.508	4.97	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.486	4.88	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.483	4.99	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.471	4.96	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.469	4.96	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.511	4.98	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.481	4.96	PASS

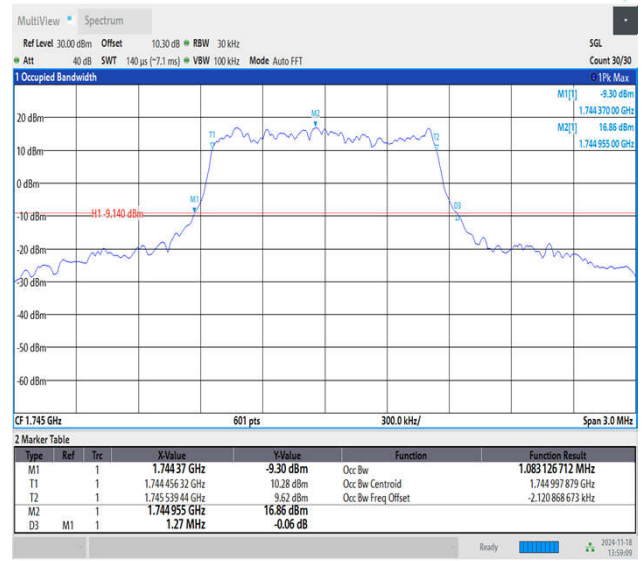
Band66	10MHz	QPSK	132022	50RB#0	8.948	9.83	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.962	9.67	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.951	9.67	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.951	9.60	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.954	9.77	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.965	9.63	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.94	9.60	PASS
Band66	10MHz	64QAM	132322	50RB#0	9	9.77	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.895	9.90	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.454	14.40	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.412	14.35	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.459	14.65	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.423	14.45	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.366	14.50	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.335	14.55	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.508	14.70	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.394	14.45	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.337	14.50	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.948	19.07	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.886	19.00	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.852	19.20	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.832	19.07	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.844	19.33	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.845	19.40	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.887	19.33	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.782	18.93	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.85	19.00	PASS

1.3.2 Test Graphs



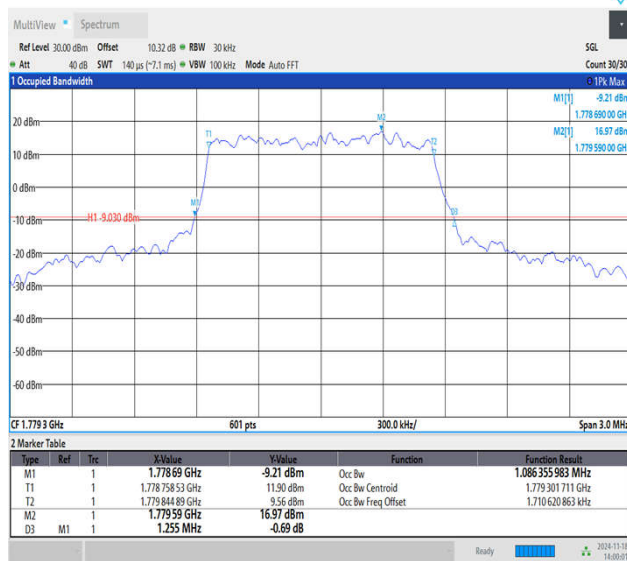
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Band66-1.4MHz-QPSK-131979-6RB#0-PASS



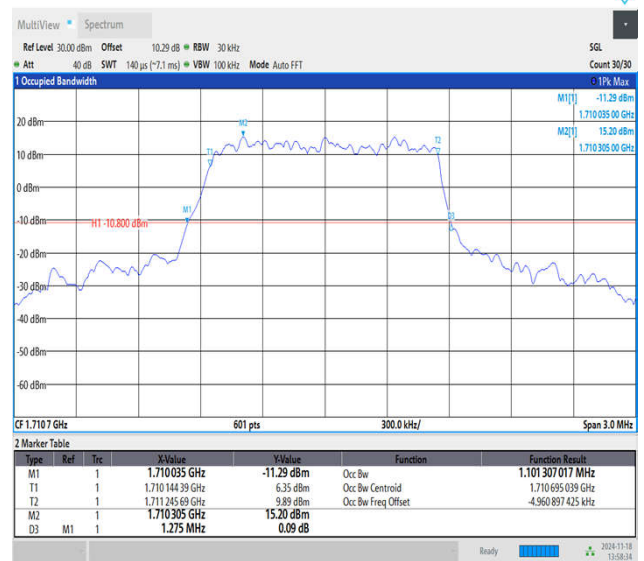
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Band66-1.4MHz-QPSK-132322-6RB#0-PASS



02:00:01 PM 11/18/2024

Band66-1.4MHz-QPSK-132665-6RB#0-PASS



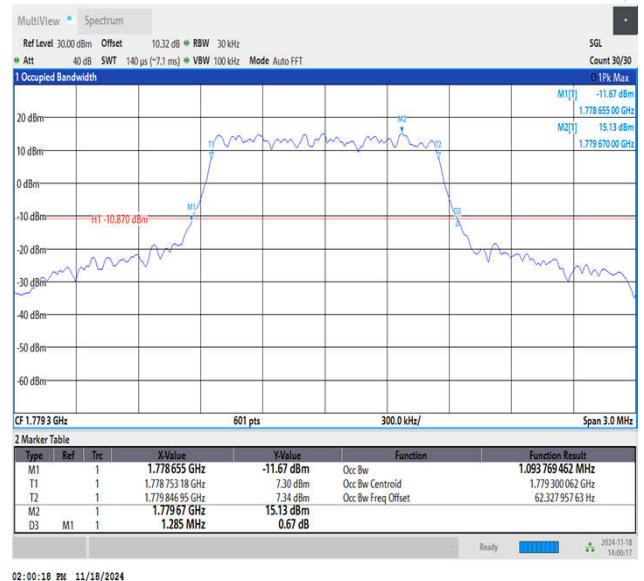
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Band66-1.4MHz-16QAM-131979-6RB#0-PASS



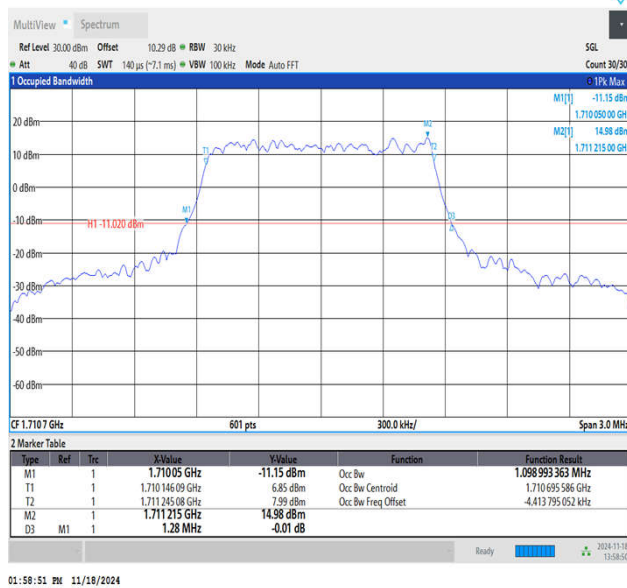
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Band66-1.4MHz-16QAM-132322-6RB#0-PASS



02:00:18 PM 11/18/2024

Band66-1.4MHz-16QAM-132665-6RB#0-PASS



01:59:51 PM 11/18/2024

Band66-1.4MHz-64QAM-131979-6RB#0-PASS



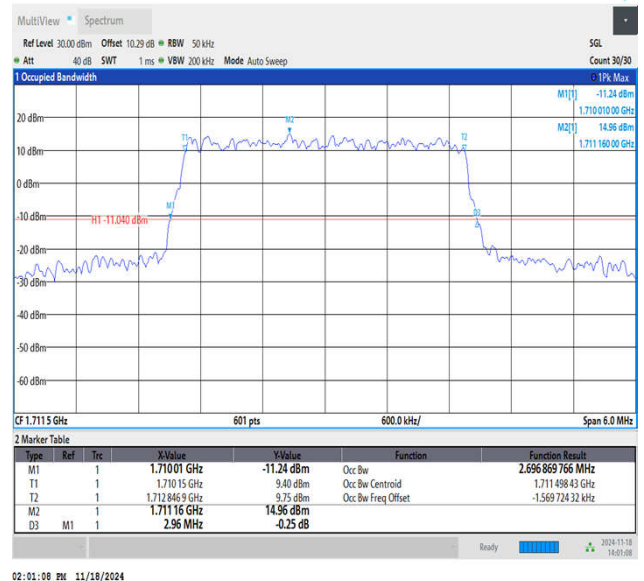
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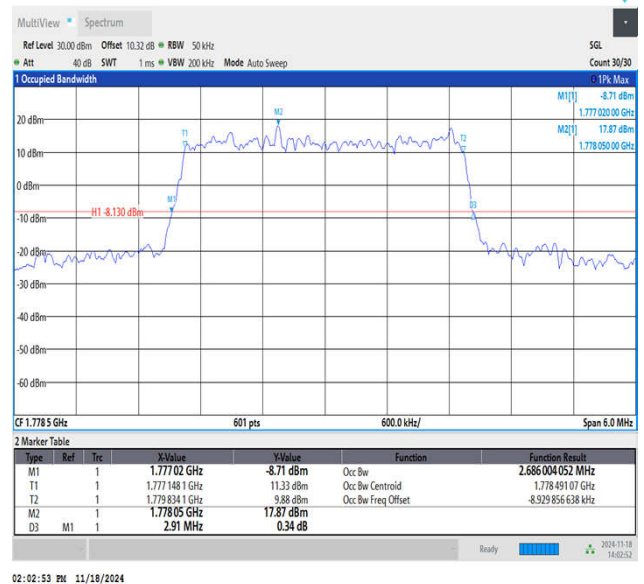
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Band66-3MHz-QPSK-131987-15RB#0-PASS



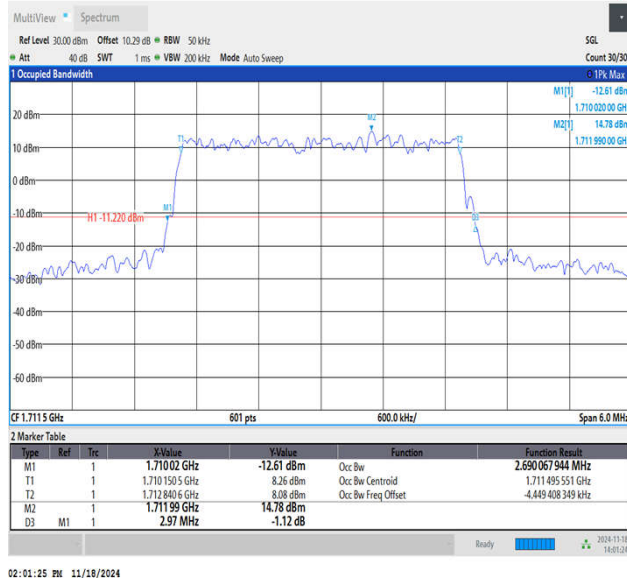
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Band66-3MHz-QPSK-132322-15RB#0-PASS



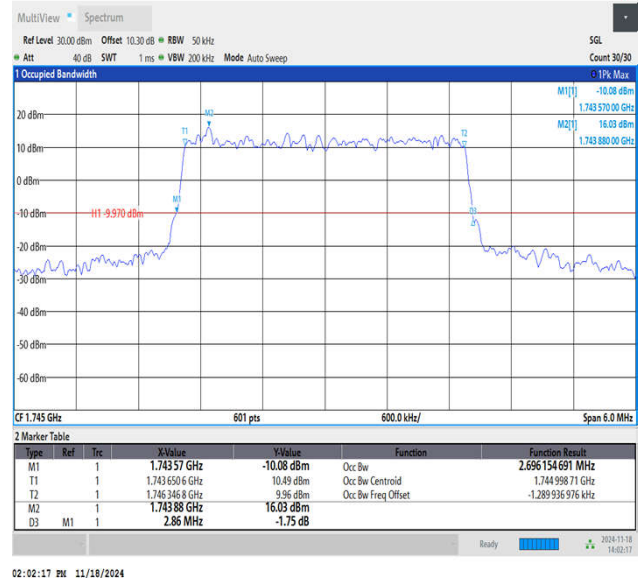
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02:01:25 PM 11/18/2024

Band66-3MHz-16QAM-131987-15RB#0-PASS



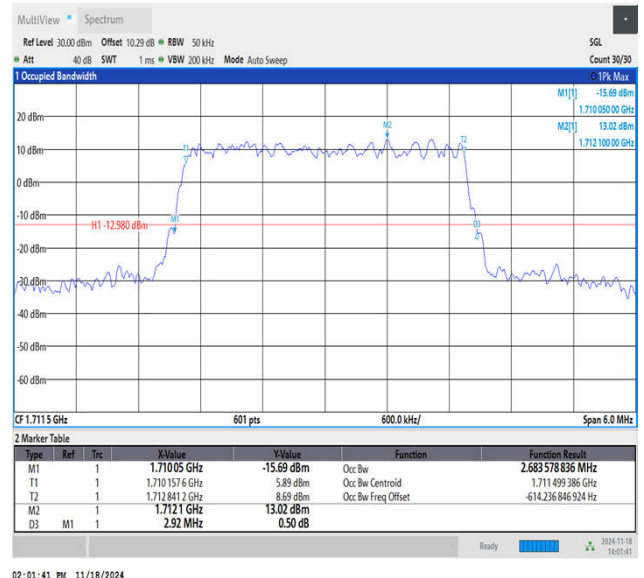
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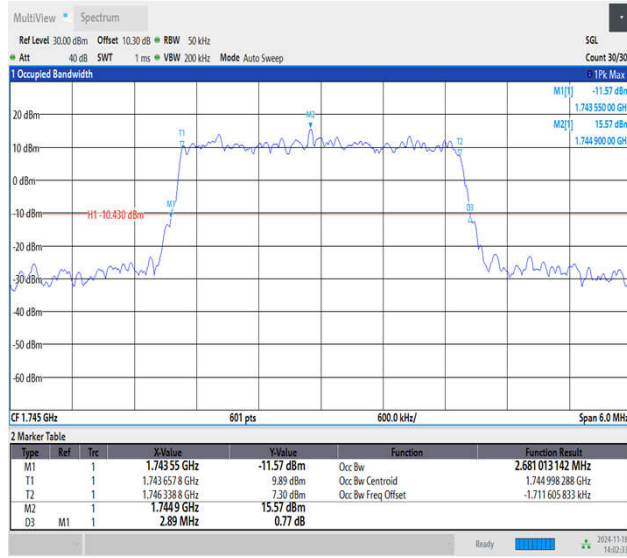
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Band66-3MHz-16QAM-132657-15RB#0-PASS



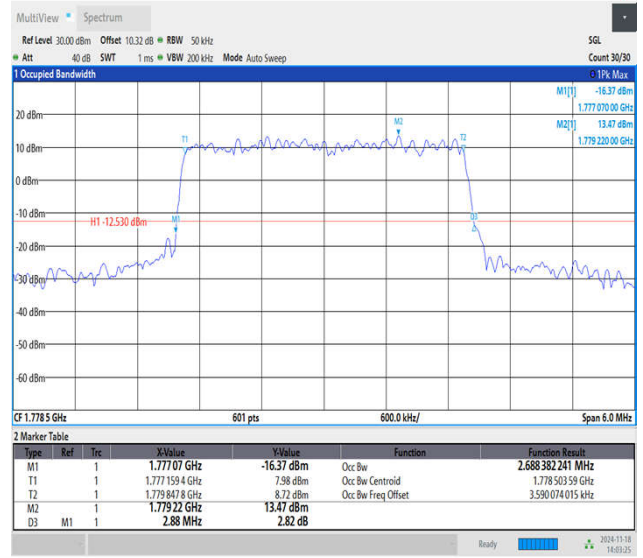
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Band66-3MHz-64QAM-131987-15RB#0-PASS



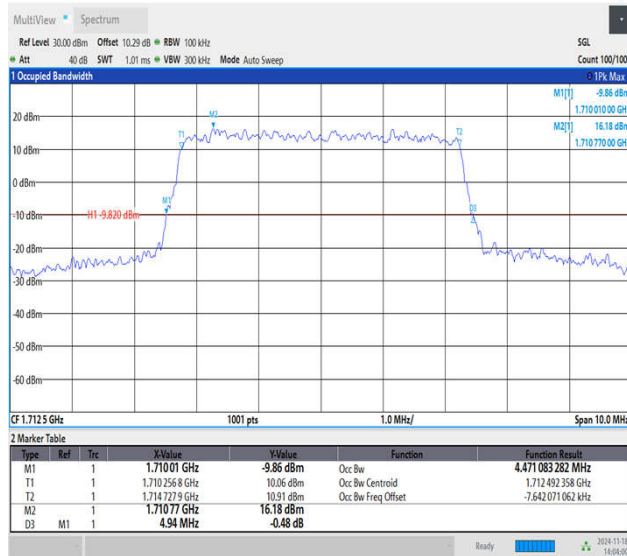
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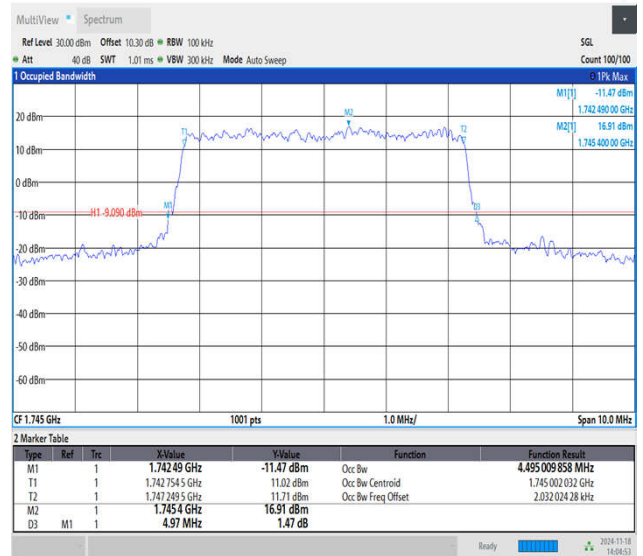
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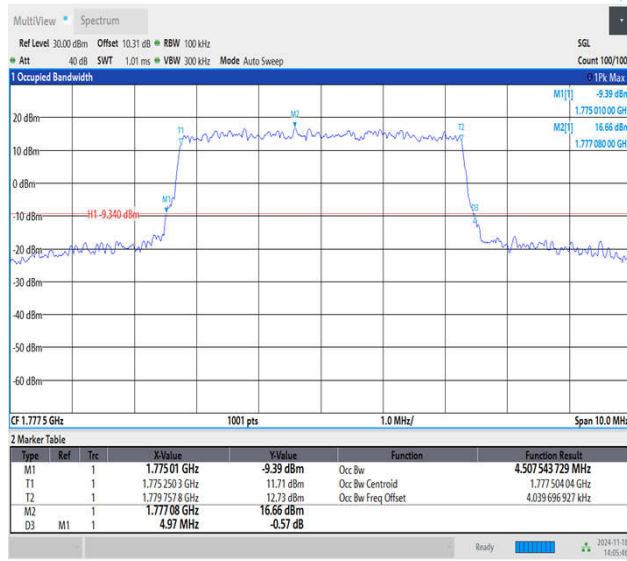
02:04:00 PM 11/18/2024

Band66-5MHz-QPSK-131997-25RB#0-PASS



02:04:53 PM 11/18/2024

Band66-5MHz-QPSK-132322-25RB#0-PASS



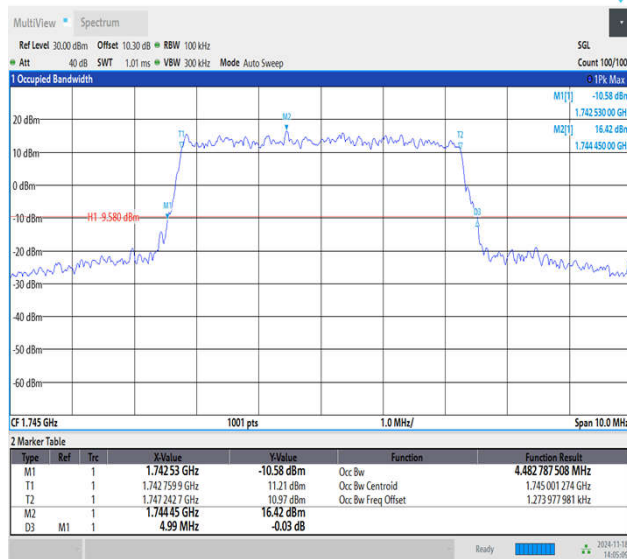
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Band66-5MHz-QPSK-132647-25RB#0-PASS



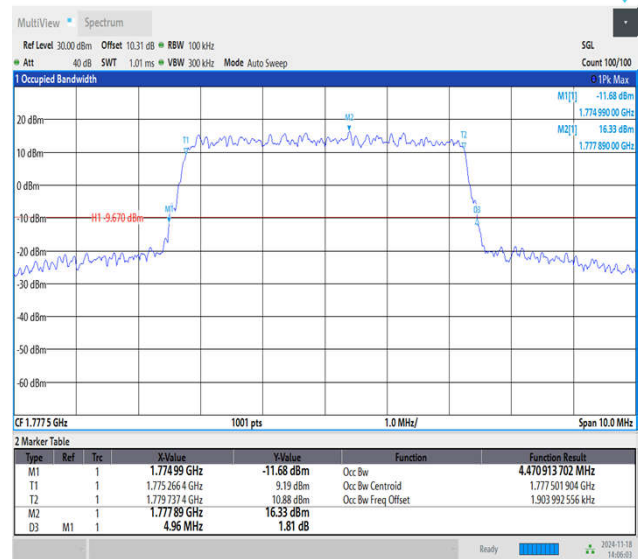
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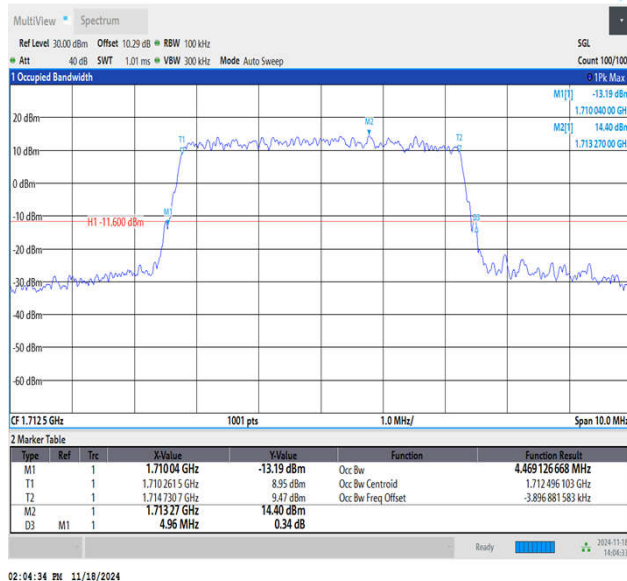
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Band66-5MHz-16QAM-132322-25RB#0-PASS



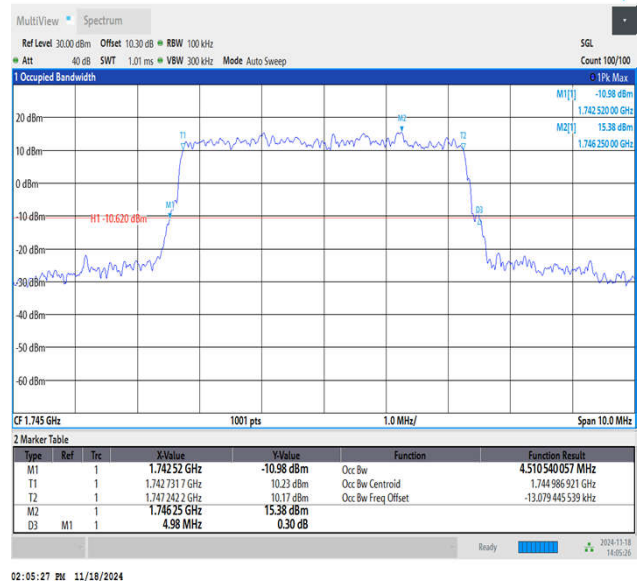
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Band66-5MHz-16QAM-132647-25RB#0-PASS



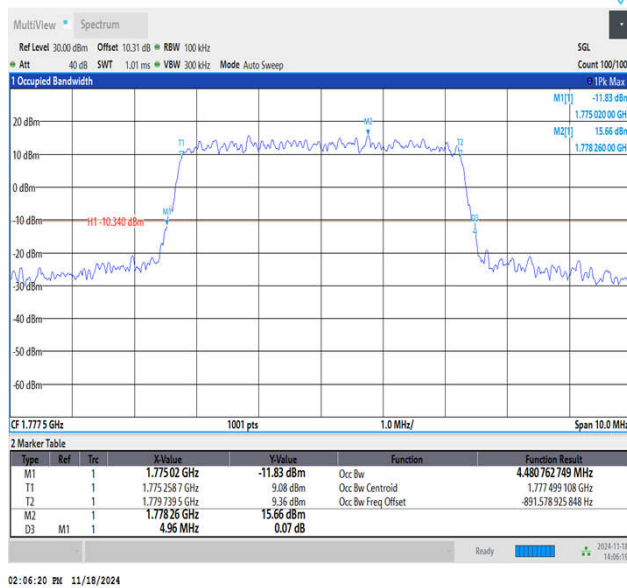
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Band66-5MHz-64QAM-131997-25RB#0-PASS



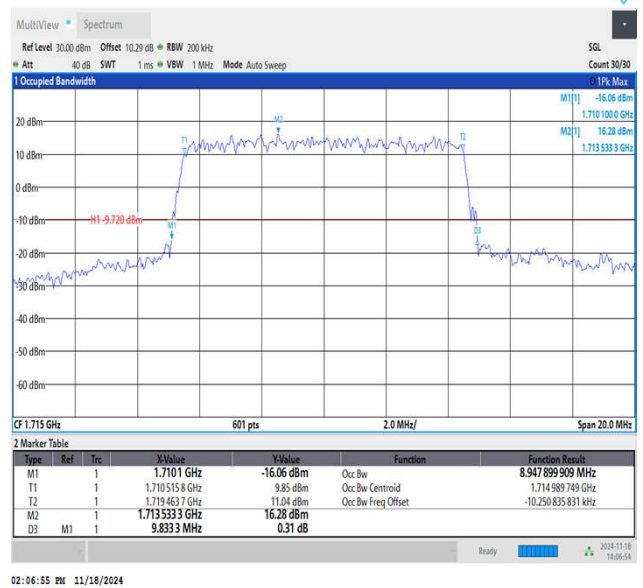
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Band66-5MHz-64QAM-132322-25RB#0-PASS



02:06:20 PM 11/18/2024

Band66-5MHz-64QAM-132647-25RB#0-PASS

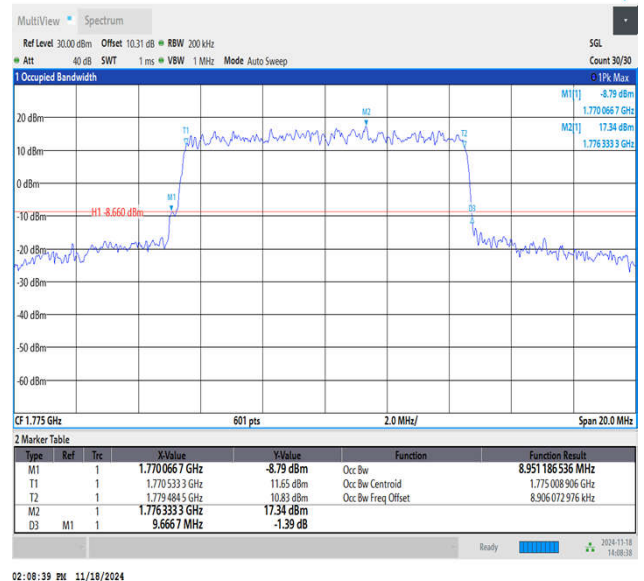


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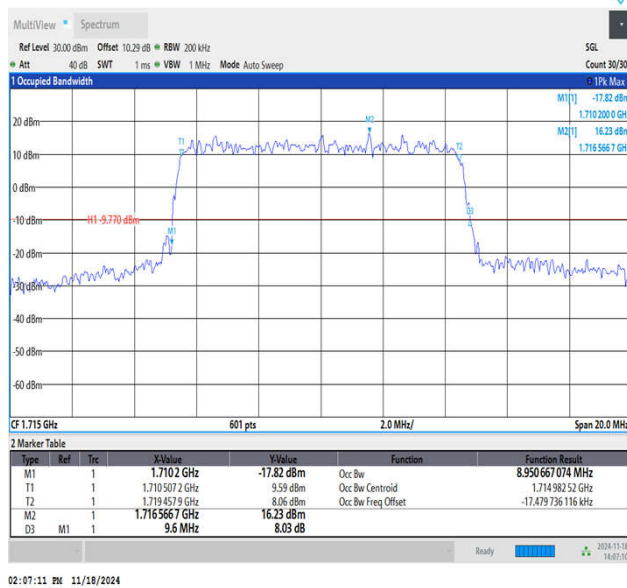
Band66-10MHz-QPSK-132022-50RB#0-PASS



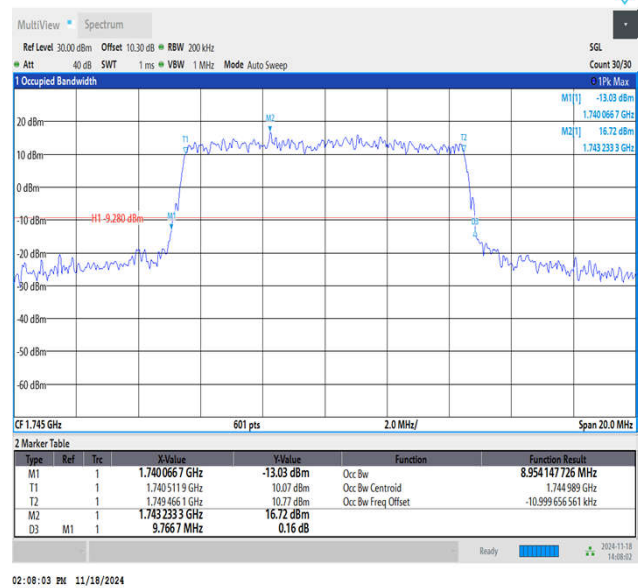
Band66-10MHz-QPSK-132322-50RB#0-PASS



Band66-10MHz-QPSK-132622-50RB#0-PASS



Band66-10MHz-16QAM-132022-50RB#0-PASS

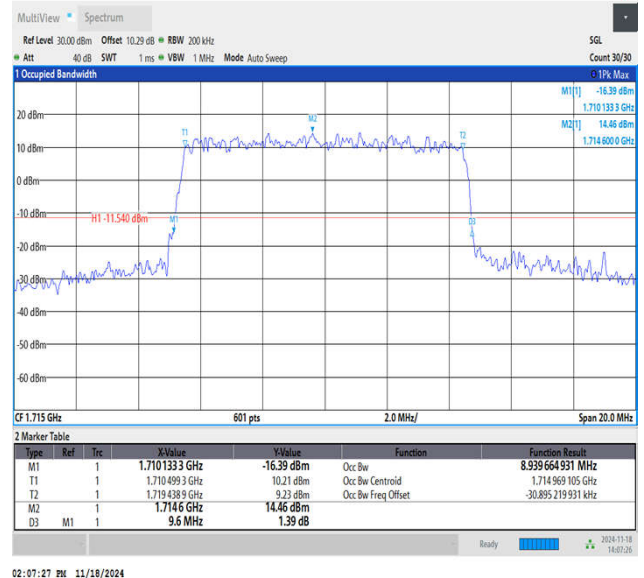


Band66-10MHz-16QAM-132322-50RB#0-PASS



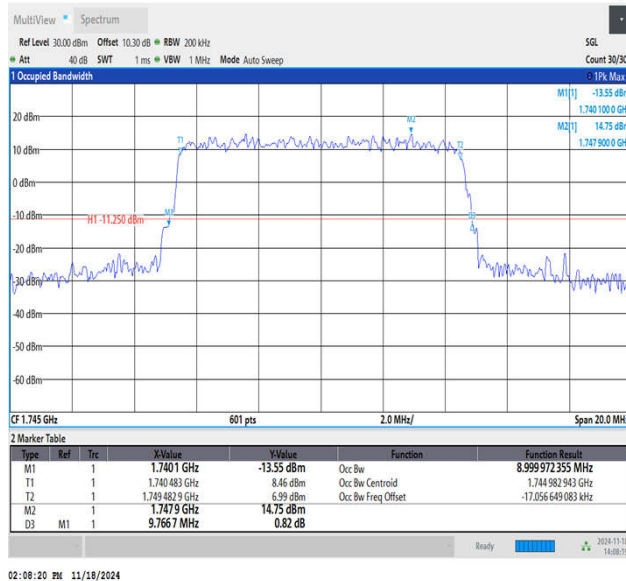
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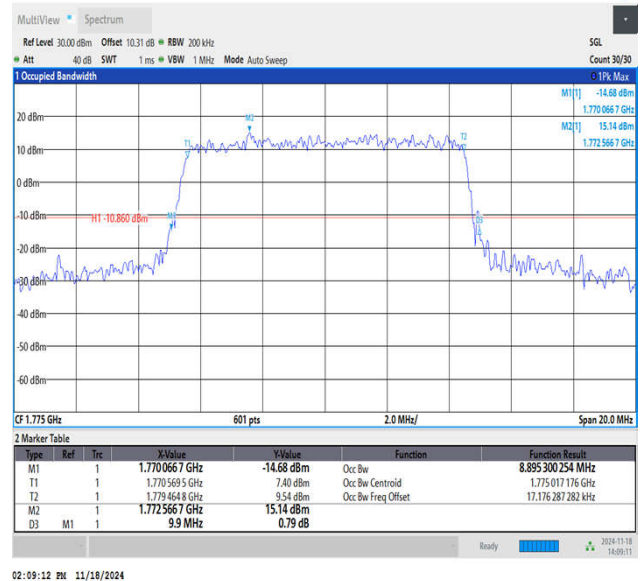
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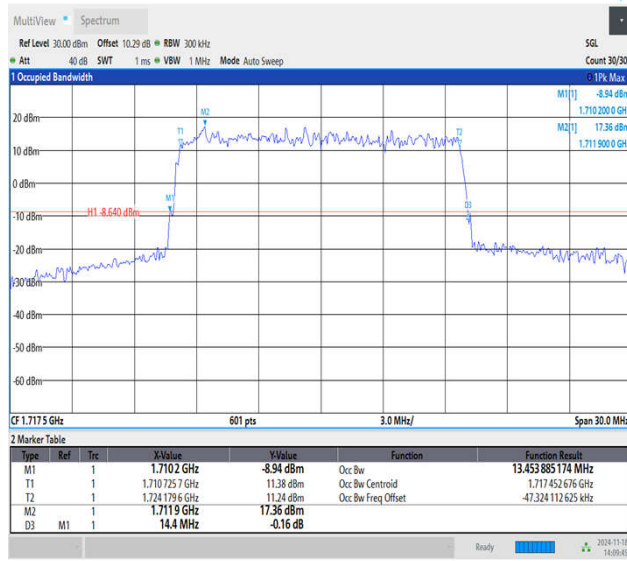
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Band66-10MHz-64QAM-132322-50RB#0-PASS



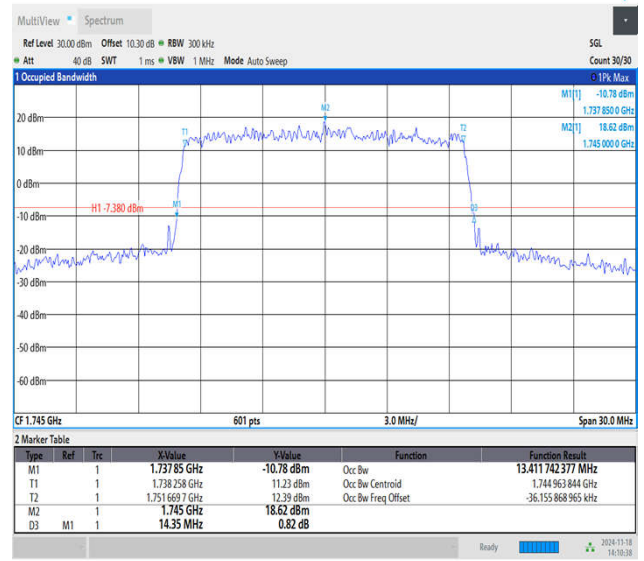
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Band66-10MHz-64QAM-132622-50RB#0-PASS



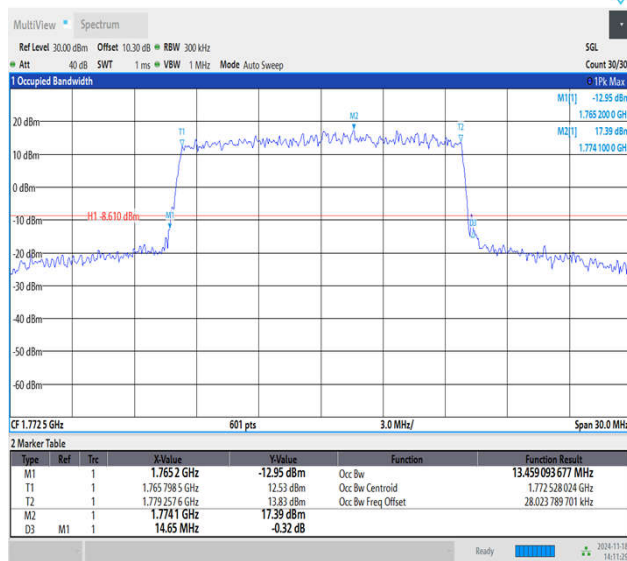
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Band66-15MHz-QPSK-132047-75RB#0-PASS



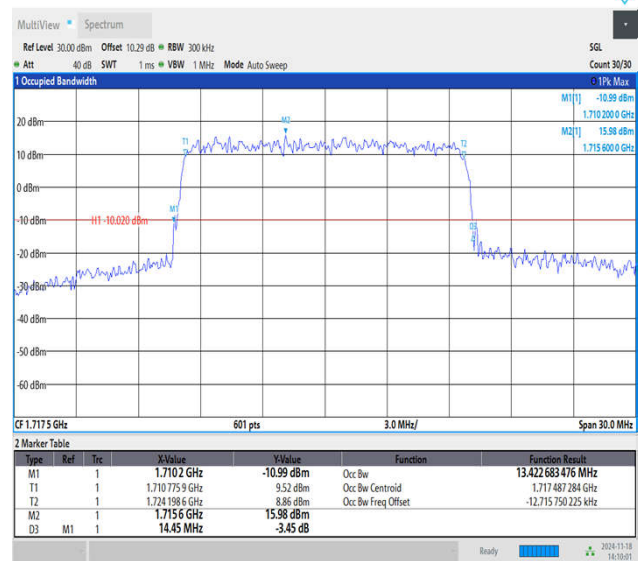
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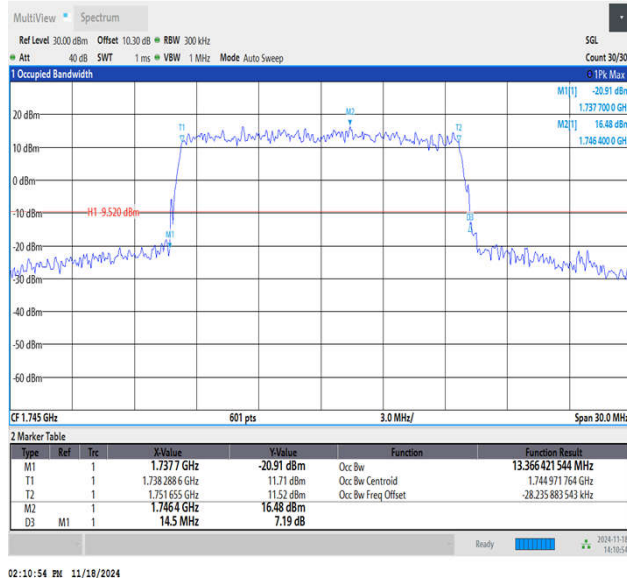
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Band66-15MHz-QPSK-132597-75RB#0-PASS



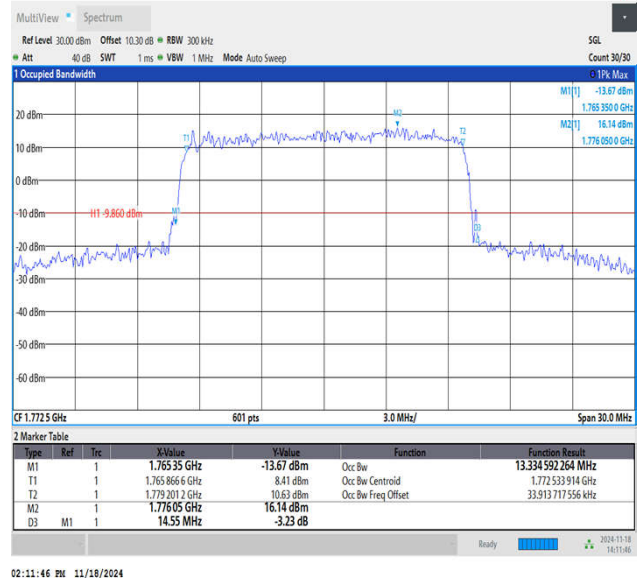
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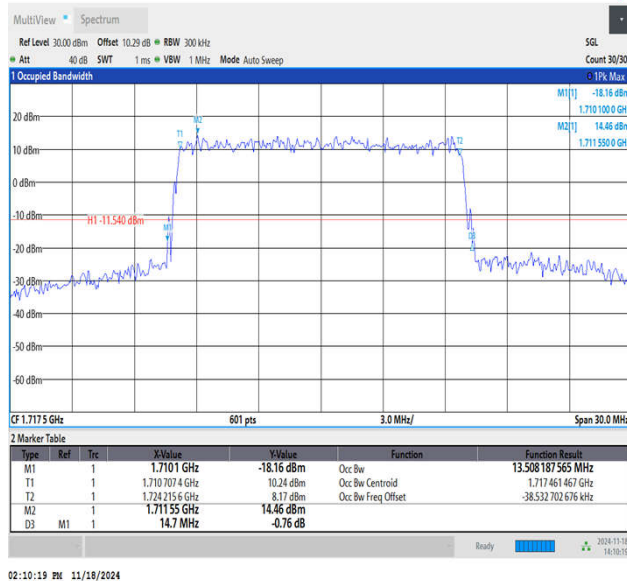
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Band66-15MHz-16QAM-132322-75RB#0-PASS



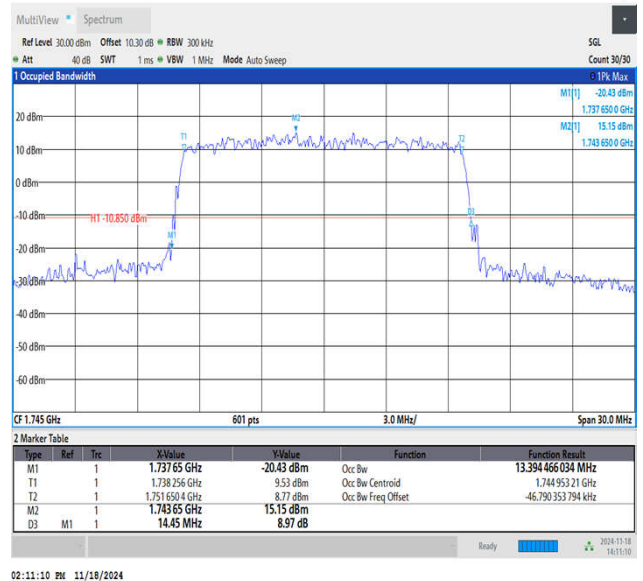
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Band66-15MHz-16QAM-132597-75RB#0-PASS



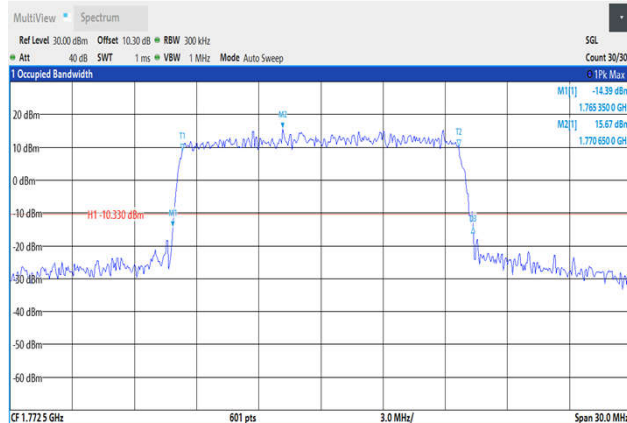
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Band66-15MHz-64QAM-132047-75RB#0-PASS



02:11:10 PM 11/18/2024

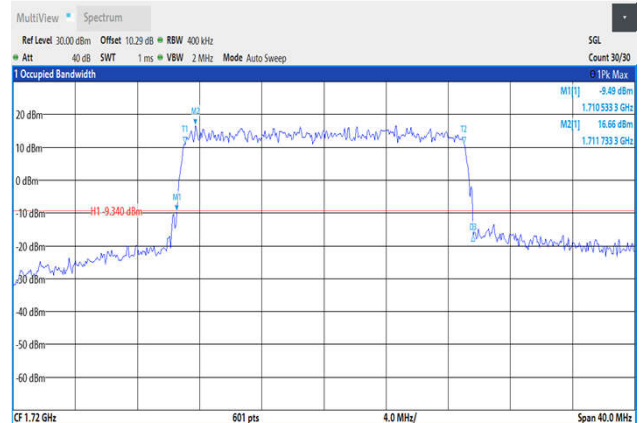
Band66-15MHz-64QAM-132322-75RB#0-PASS



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.76535 GHz	-14.39 dBm	Occ Bw	13.33672605 MHz
T1	1		1.7658215 GHz	9.07 dBm	Occ Bw Centroid	1.772488837 GHz
T2	1		1.7791582 GHz	10.30 dBm	Occ Bw Freq Offset	-10.16312053 kHz
M2	1		1.77065 GHz	15.67 dBm		
D3	M1	1	14.5 MHz	0.25 dB		

02:12:03 PM 11/18/2024

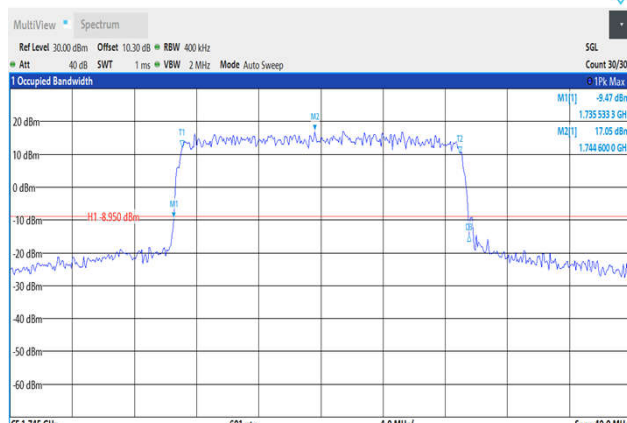
Band66-15MHz-64QAM-132597-75RB#0-PASS



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.7105333 GHz	-9.49 dBm	Occ Bw	17.948056823 MHz
T1	1		1.7110453 GHz	11.18 dBm	Occ Bw Centroid	1.7201019332 GHz
T2	1		1.7289934 GHz	11.15 dBm	Occ Bw Freq Offset	19.332086721 kHz
M2	1		1.7117333 GHz	16.66 dBm		
D3	M1	1	19.0667 MHz	-7.34 dB		

02:12:35 PM 11/18/2024

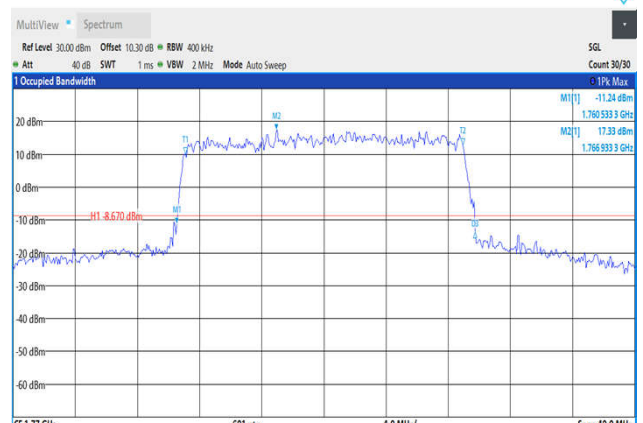
Band66-20MHz-QPSK-132072-100RB#0-PASS



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.7355333 GHz	-9.47 dBm	Occ Bw	17.885968901 MHz
T1	1		1.7360565 GHz	12.14 dBm	Occ Bw Centroid	1.744999508 GHz
T2	1		1.7539425 GHz	10.37 dBm	Occ Bw Freq Offset	-492.313328028 kHz
M2	1		1.7446 GHz	17.05 dBm		
D3	M1	1	19.0 MHz	-5.23 dB		

02:13:27 PM 11/18/2024

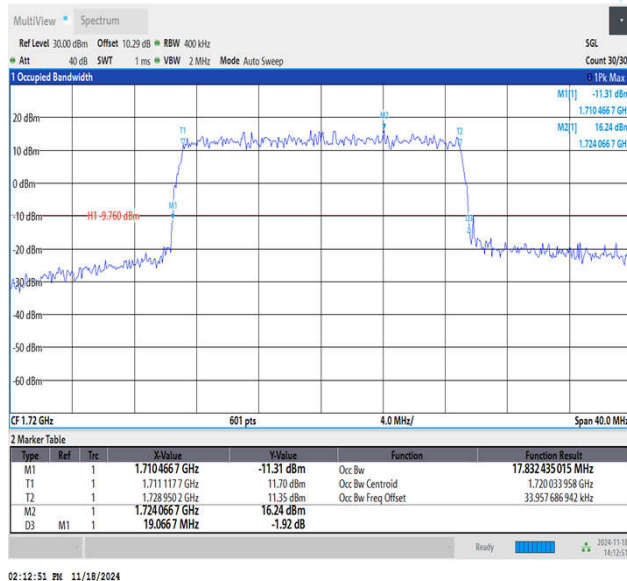
Band66-20MHz-QPSK-132322-100RB#0-PASS



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.7605333 GHz	-11.24 dBm	Occ Bw	17.852208188 MHz
T1	1		1.7610991 GHz	10.18 dBm	Occ Bw Centroid	1.770025177 GHz
T2	1		1.7789513 GHz	12.78 dBm	Occ Bw Freq Offset	25.176873876 kHz
M2	1		1.7669333 GHz	17.33 dBm		
D3	M1	1	19.2 MHz	-2.41 dB		

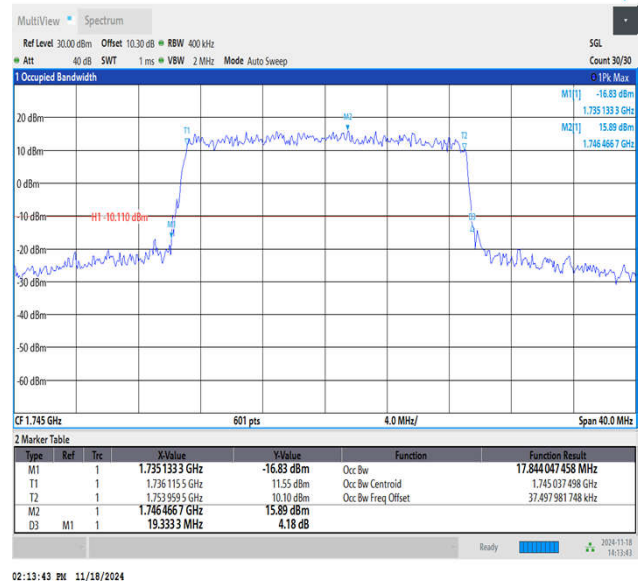
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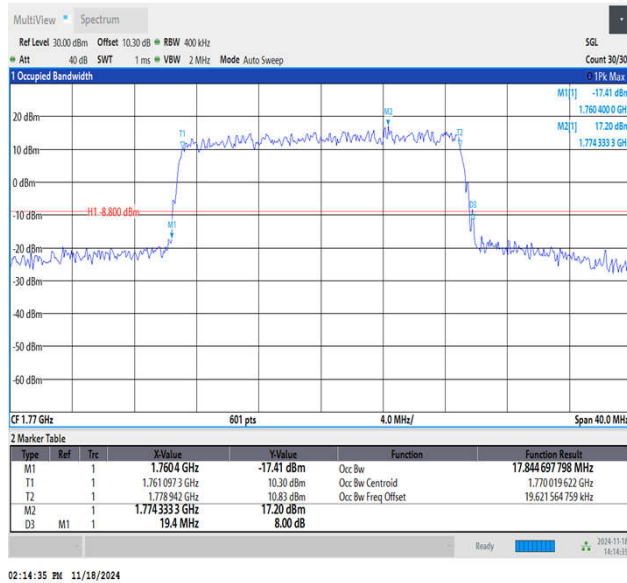
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Band66-20MHz-16QAM-132072-100RB#0-PASS



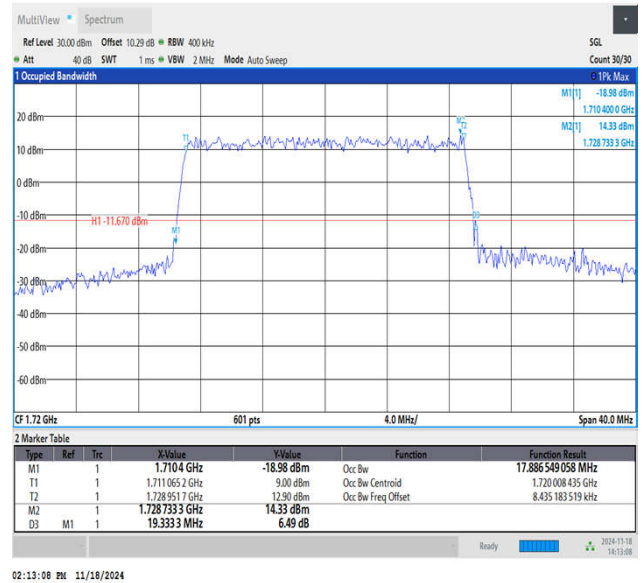
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Band66-20MHz-16QAM-132322-100RB#0-PASS



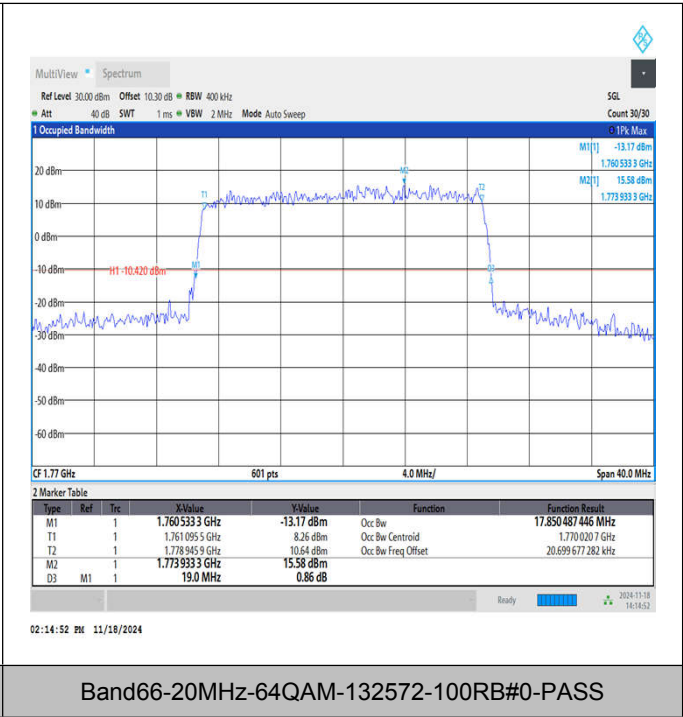
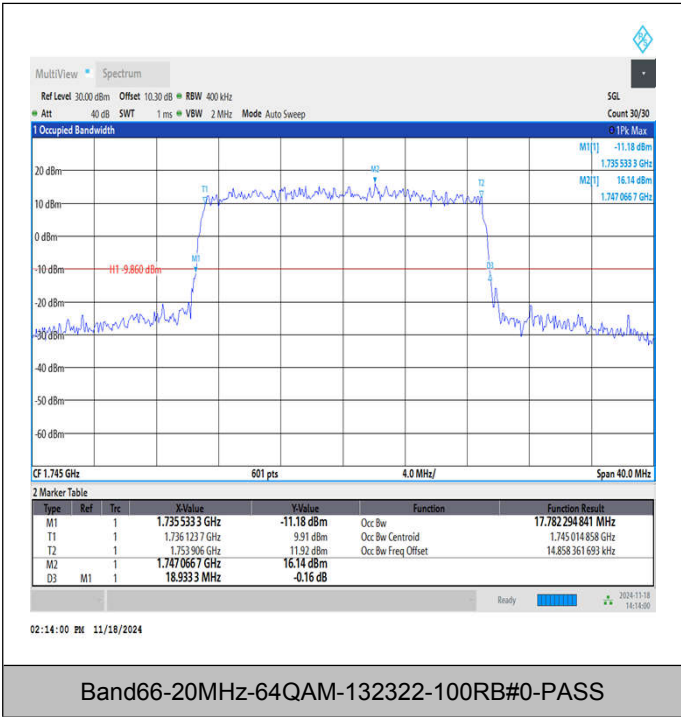
02:14:35 PM 11/18/2024

Band66-20MHz-16QAM-132572-100RB#0-PASS



02:13:08 PM 11/18/2024

Band66-20MHz-64QAM-132072-100RB#0-PASS



1.4 Band Edge

1.4.1 Test Result

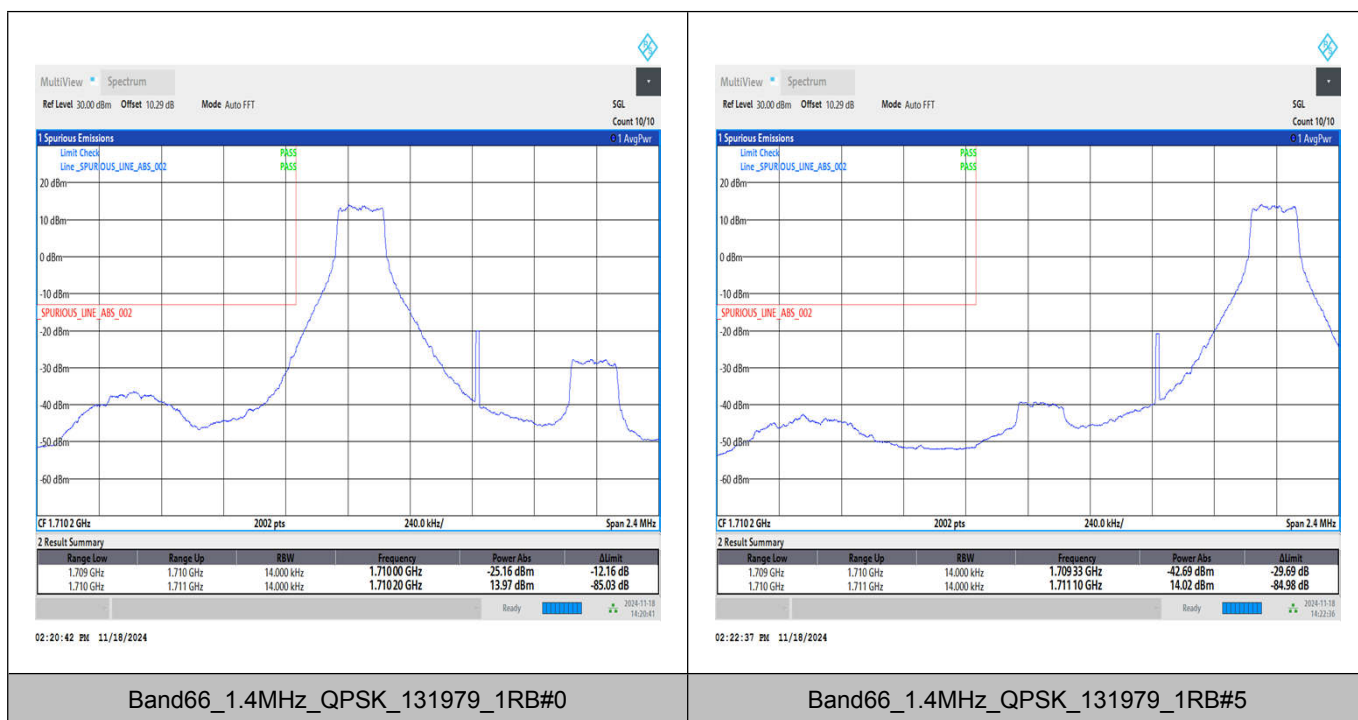
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	-25.16	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	-42.69	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-27.97	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	-41.04	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-24.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-25.68	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-25.36	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	-44.28	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-29.58	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	-42.52	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-24.55	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-27.77	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	-28.30	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	-41.21	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	-29.77	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	-39.99	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	-26.46	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	-27.83	PASS
Band66	3MHz	QPSK	131987	1RB#0	-21.03	PASS
Band66	3MHz	QPSK	131987	1RB#14	-44.16	PASS
Band66	3MHz	QPSK	131987	15RB#0	-26.45	PASS
Band66	3MHz	QPSK	132657	1RB#0	-43.44	PASS
Band66	3MHz	QPSK	132657	1RB#14	-19.13	PASS
Band66	3MHz	QPSK	132657	15RB#0	-24.25	PASS
Band66	3MHz	16QAM	131987	1RB#0	-21.04	PASS
Band66	3MHz	16QAM	131987	1RB#14	-45.05	PASS
Band66	3MHz	16QAM	131987	15RB#0	-28.15	PASS
Band66	3MHz	16QAM	132657	1RB#0	-44.07	PASS
Band66	3MHz	16QAM	132657	1RB#14	-19.97	PASS

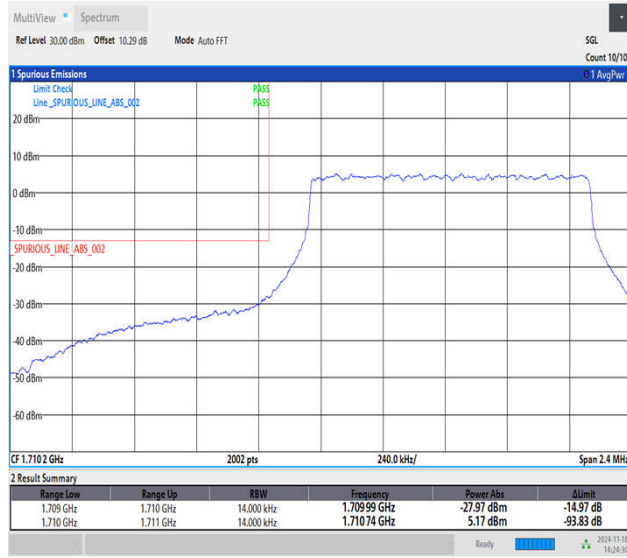
Band66	3MHz	16QAM	132657	15RB#0	-26.69	PASS
Band66	3MHz	64QAM	131987	1RB#0	-23.86	PASS
Band66	3MHz	64QAM	131987	1RB#14	-46.04	PASS
Band66	3MHz	64QAM	131987	15RB#0	-30.51	PASS
Band66	3MHz	64QAM	132657	1RB#0	-45.40	PASS
Band66	3MHz	64QAM	132657	1RB#14	-22.88	PASS
Band66	3MHz	64QAM	132657	15RB#0	-28.81	PASS
Band66	5MHz	QPSK	131997	1RB#0	-22.14	PASS
Band66	5MHz	QPSK	131997	1RB#24	-55.63	PASS
Band66	5MHz	QPSK	131997	25RB#0	-28.18	PASS
Band66	5MHz	QPSK	132647	1RB#0	-51.50	PASS
Band66	5MHz	QPSK	132647	1RB#24	-21.61	PASS
Band66	5MHz	QPSK	132647	25RB#0	-25.16	PASS
Band66	5MHz	16QAM	131997	1RB#0	-22.21	PASS
Band66	5MHz	16QAM	131997	1RB#24	-56.19	PASS
Band66	5MHz	16QAM	131997	25RB#0	-29.20	PASS
Band66	5MHz	16QAM	132647	1RB#0	-51.99	PASS
Band66	5MHz	16QAM	132647	1RB#24	-22.05	PASS
Band66	5MHz	16QAM	132647	25RB#0	-27.55	PASS
Band66	5MHz	64QAM	131997	1RB#0	-25.05	PASS
Band66	5MHz	64QAM	131997	1RB#24	-57.22	PASS
Band66	5MHz	64QAM	131997	25RB#0	-30.51	PASS
Band66	5MHz	64QAM	132647	1RB#0	-52.43	PASS
Band66	5MHz	64QAM	132647	1RB#24	-23.82	PASS
Band66	5MHz	64QAM	132647	25RB#0	-30.27	PASS
Band66	10MHz	QPSK	132022	1RB#0	-31.59	PASS
Band66	10MHz	QPSK	132022	1RB#49	-49.43	PASS
Band66	10MHz	QPSK	132022	50RB#0	-29.57	PASS
Band66	10MHz	QPSK	132622	1RB#0	-48.77	PASS
Band66	10MHz	QPSK	132622	1RB#49	-31.63	PASS
Band66	10MHz	QPSK	132622	50RB#0	-26.72	PASS
Band66	10MHz	16QAM	132022	1RB#0	-31.82	PASS
Band66	10MHz	16QAM	132022	1RB#49	-49.71	PASS
Band66	10MHz	16QAM	132022	50RB#0	-31.48	PASS
Band66	10MHz	16QAM	132622	1RB#0	-49.09	PASS

Band66	10MHz	16QAM	132622	1RB#49	-29.83	PASS
Band66	10MHz	16QAM	132622	50RB#0	-28.88	PASS
Band66	10MHz	64QAM	132022	1RB#0	-35.13	PASS
Band66	10MHz	64QAM	132022	1RB#49	-53.43	PASS
Band66	10MHz	64QAM	132022	50RB#0	-33.63	PASS
Band66	10MHz	64QAM	132622	1RB#0	-49.45	PASS
Band66	10MHz	64QAM	132622	1RB#49	-34.13	PASS
Band66	10MHz	64QAM	132622	50RB#0	-31.96	PASS
Band66	15MHz	QPSK	132047	1RB#0	-28.50	PASS
Band66	15MHz	QPSK	132047	1RB#74	-49.96	PASS
Band66	15MHz	QPSK	132047	75RB#0	-31.33	PASS
Band66	15MHz	QPSK	132597	1RB#0	-45.24	PASS
Band66	15MHz	QPSK	132597	1RB#74	-27.96	PASS
Band66	15MHz	QPSK	132597	75RB#0	-26.80	PASS
Band66	15MHz	16QAM	132047	1RB#0	-28.64	PASS
Band66	15MHz	16QAM	132047	1RB#74	-49.52	PASS
Band66	15MHz	16QAM	132047	75RB#0	-32.96	PASS
Band66	15MHz	16QAM	132597	1RB#0	-44.65	PASS
Band66	15MHz	16QAM	132597	1RB#74	-28.99	PASS
Band66	15MHz	16QAM	132597	75RB#0	-29.71	PASS
Band66	15MHz	64QAM	132047	1RB#0	-30.48	PASS
Band66	15MHz	64QAM	132047	1RB#74	-53.28	PASS
Band66	15MHz	64QAM	132047	75RB#0	-35.87	PASS
Band66	15MHz	64QAM	132597	1RB#0	-47.37	PASS
Band66	15MHz	64QAM	132597	1RB#74	-29.42	PASS
Band66	15MHz	64QAM	132597	75RB#0	-33.43	PASS
Band66	20MHz	QPSK	132072	1RB#0	-31.92	PASS
Band66	20MHz	QPSK	132072	1RB#99	-53.98	PASS
Band66	20MHz	QPSK	132072	100RB#0	-30.43	PASS
Band66	20MHz	QPSK	132572	1RB#0	-47.62	PASS
Band66	20MHz	QPSK	132572	1RB#99	-30.97	PASS
Band66	20MHz	QPSK	132572	100RB#0	-26.39	PASS
Band66	20MHz	16QAM	132072	1RB#0	-32.11	PASS
Band66	20MHz	16QAM	132072	1RB#99	-54.43	PASS
Band66	20MHz	16QAM	132072	100RB#0	-32.84	PASS

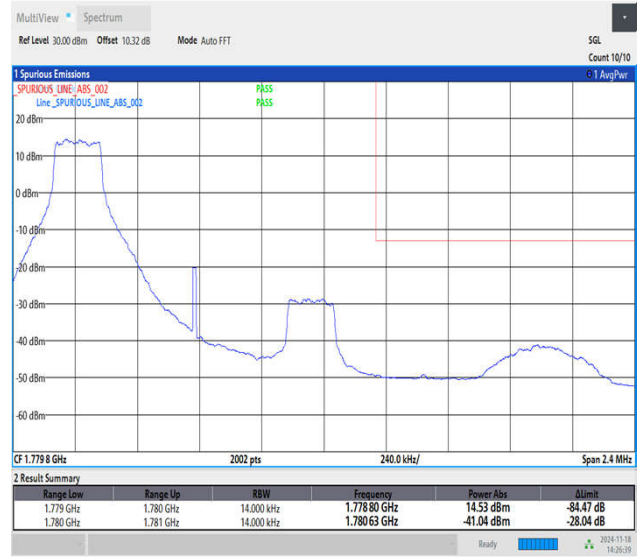
Band66	20MHz	16QAM	132572	1RB#0	-47.64	PASS
Band66	20MHz	16QAM	132572	1RB#99	-31.83	PASS
Band66	20MHz	16QAM	132572	100RB#0	-28.71	PASS
Band66	20MHz	64QAM	132072	1RB#0	-33.43	PASS
Band66	20MHz	64QAM	132072	1RB#99	-55.51	PASS
Band66	20MHz	64QAM	132072	100RB#0	-36.14	PASS
Band66	20MHz	64QAM	132572	1RB#0	-47.78	PASS
Band66	20MHz	64QAM	132572	1RB#99	-33.44	PASS
Band66	20MHz	64QAM	132572	100RB#0	-33.71	PASS

1.4.2 Test Graphs

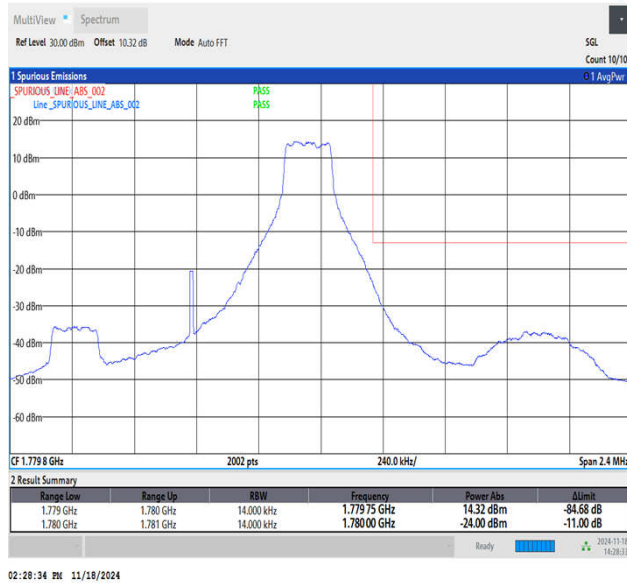




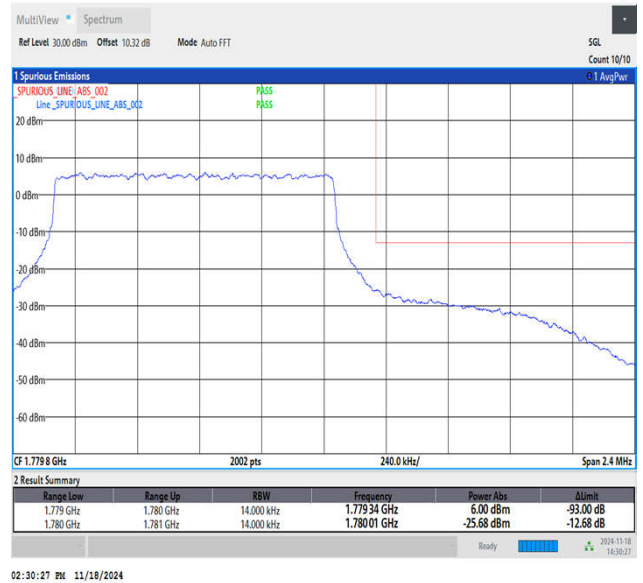
Band66_1.4MHz_QPSK_131979_6RB#0



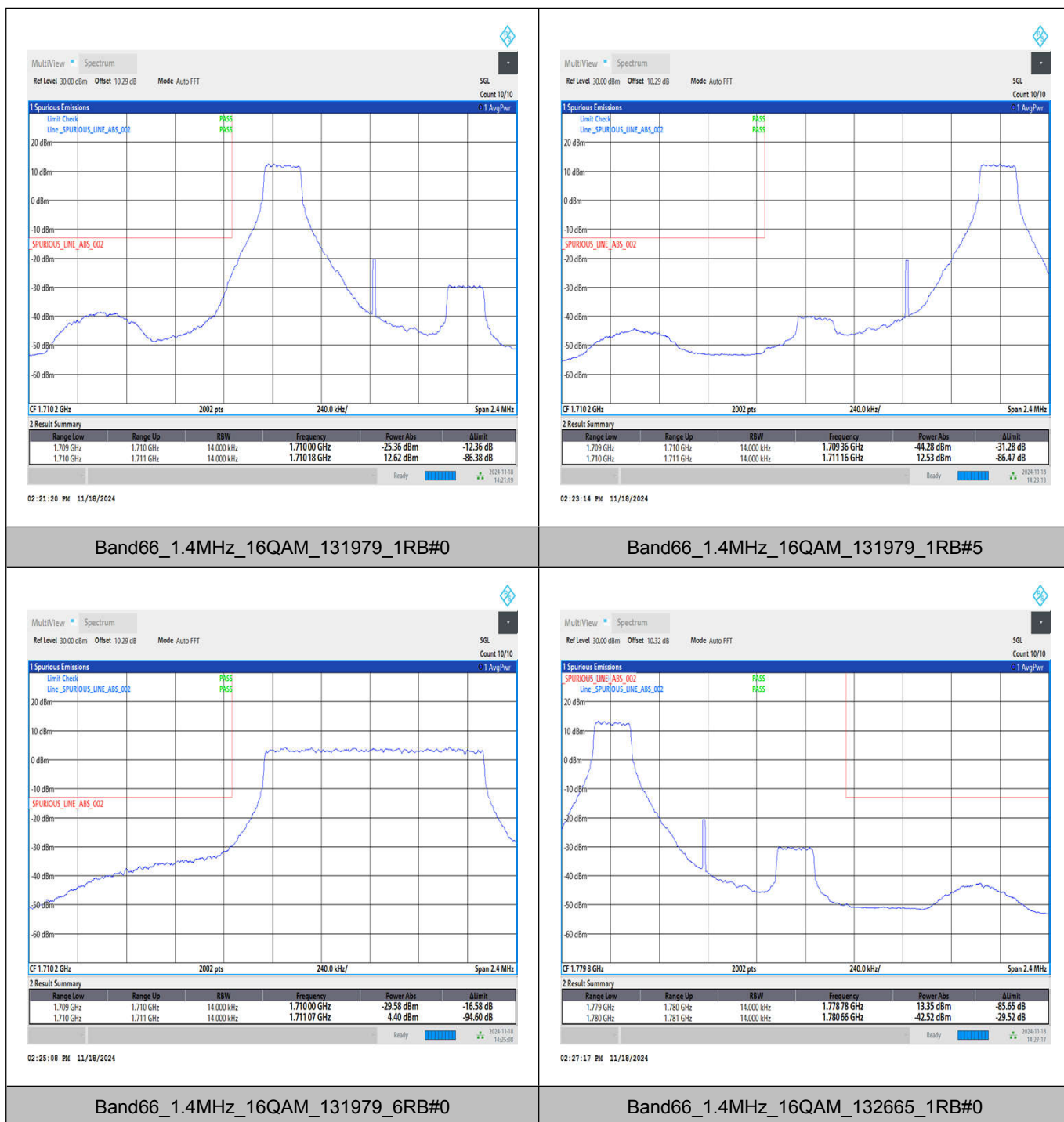
Band66_1.4MHz_QPSK_132665_1RB#0

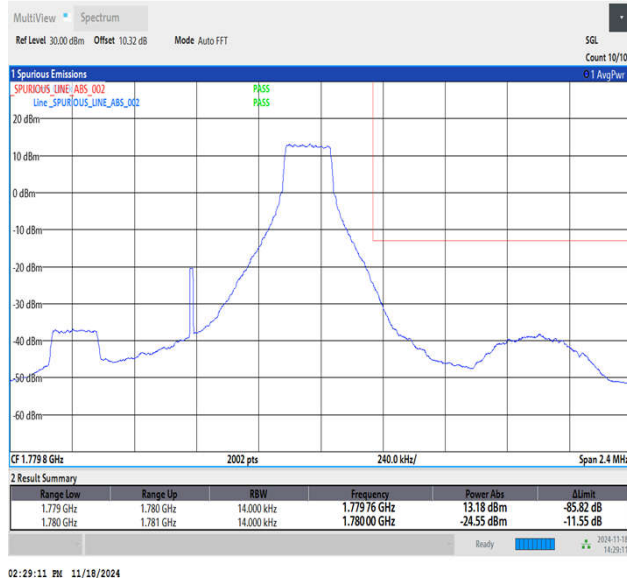


Band66_1.4MHz_QPSK_132665_1RB#5

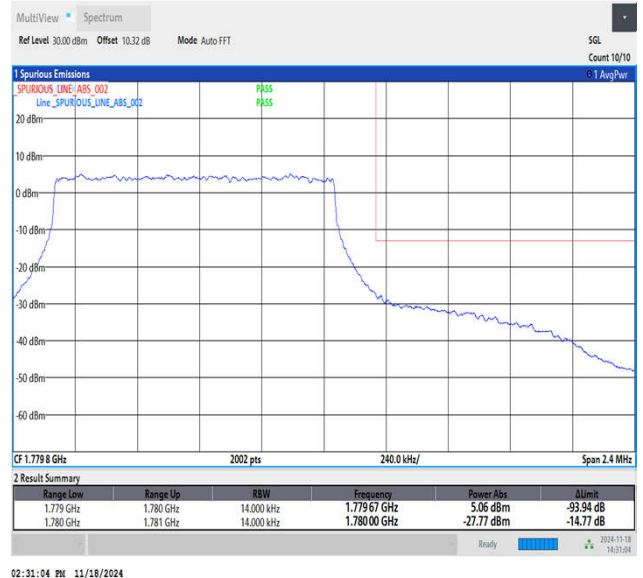


Band66_1.4MHz_QPSK_132665_6RB#0

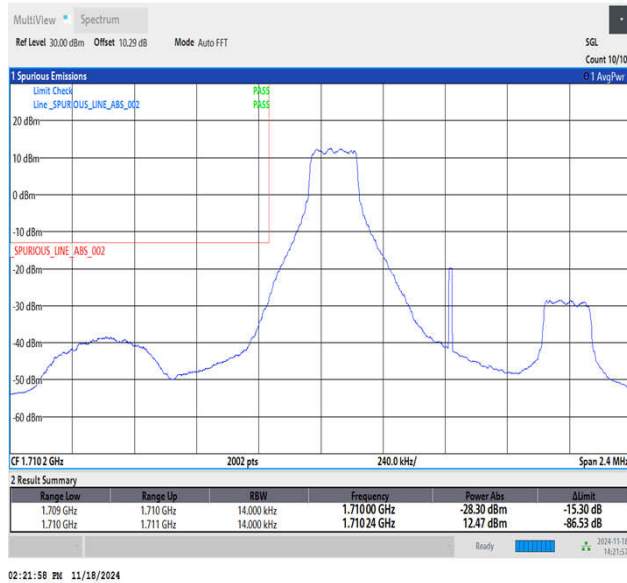




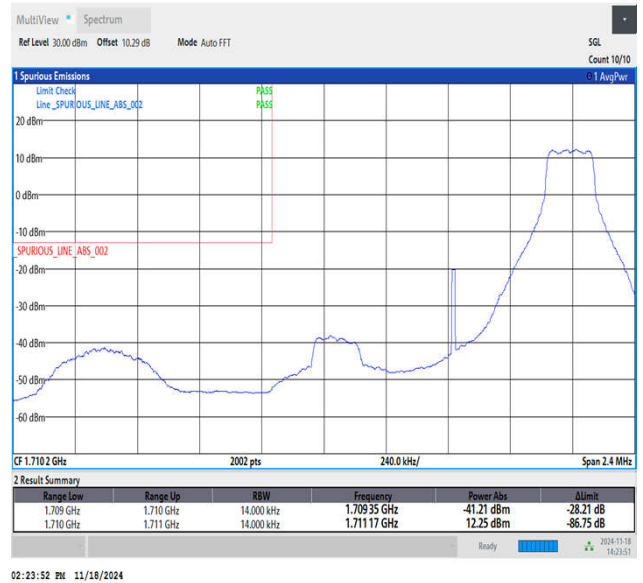
Band66_1.4MHz_16QAM_132665_1RB#5



Band66_1.4MHz_16QAM_132665_6RB#0



Band66_1.4MHz_64QAM_131979_1RB#0



Band66_1.4MHz_64QAM_131979_1RB#5