

## ANNEX A - MEASUREMENT RESULTS

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### 1 MAXIMUM OUTPUT POWER

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					500202			518604			537000		
					2501.01			2593.02			2685		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
10	30	CP QPSK	1	1	23.25	19.85	24.88	23.08	21.49	<b>25.37</b>	23.24	20.25	25.01
			1	22	23.11	19.97	24.83	22.94	21.51	25.29	23.08	20.35	24.94
			12	6	23.42	19.71	24.96	22.63	20.89	24.86	22.95	20.05	24.75
			24	0	21.86	18.68	23.57	21.15	19.92	23.59	21.53	19.13	23.50
		CP 16QAM	1	1	23.11	19.49	24.68	22.07	20.23	24.26	22.61	19.83	24.45
		CP 64QAM	1	1	21.06	19.15	23.22	20.53	19.7	23.15	21.03	19.16	23.21
CP 256QAM	1	1	18.26	15.95	20.27	17.72	17.14	20.45	17.86	15.88	19.99		

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)								
Directional Gain(dBi)			0.87		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			2		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	500202			518604			537000		
					2501.01			2593.02			2685		
					Total			Total			Total		
10	30	CP QPSK	1	1	25.75			<b>26.24</b>			25.88		
			1	22	25.70			26.16			25.80		
			12	6	25.83			25.72			25.62		
			24	0	24.43			24.46			24.37		
		CP 16QAM	1	1	25.54			25.12			25.32		
		CP 64QAM	1	1	24.09			24.01			24.07		
CP 256QAM	1	1	21.13			21.32			20.86				

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					500700			518604			536496		
					2503.5			2593.02			2682.48		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
15	30	CP QPSK	1	1	23.97	19.95	25.42	22.71	21.14	25.01	23.22	19.92	24.89
			1	36	23.52	19.72	25.03	22.92	21.6	25.32	23.11	20.08	24.86
			19	9	23.39	19.82	24.97	22.89	20.97	25.05	23.14	19.77	24.78
			38	0	21.7	19	23.57	21.1	20.23	23.70	21.50	19.04	23.45
		CP 16QAM	1	1	23.05	18.82	24.44	21.73	20.78	24.29	22.47	19.46	24.23
		CP 64QAM	1	1	23.04	19.1	24.51	20.71	19.54	23.17	21.40	19.26	23.47
		CP 256QAM	1	1	17.55	16.31	19.98	17.13	16.59	19.88	17.92	15.81	20.00

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)								
Directional Gain(dBi)			0.87		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			2		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	500700			518604			536496		
					2503.5			2593.02			2682.48		
					Total			Total			Total		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
15	30	CP QPSK	1	1	26.29			25.87			25.75		
			1	36	25.90			26.19			25.73		
			19	9	25.84			25.91			25.65		
			38	0	24.43			24.56			24.32		
		CP 16QAM	1	1	25.31			25.16			25.10		
		CP 64QAM	1	1	25.38			24.04			24.34		
		CP 256QAM	1	1	20.85			20.75			20.87		

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					501204			518604			535998		
					2506.02			2593.02			2679.99		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
20	30	CP QPSK	1	1	23.36	21.01	25.35	22.47	20.74	24.70	23.36	19.66	24.90
			1	49	23.52	20.45	25.26	22.54	20.89	24.80	23.37	20.22	25.08
			25	12	23.21	20.09	24.93	22.63	20.99	24.90	23.07	19.92	24.78
			51	0	21.67	19.12	23.59	21.08	19.93	23.55	21.60	19.00	23.50
		CP 16QAM	1	1	22.56	19.53	24.31	21.8	19.97	23.99	23.00	19.34	24.55
		CP 64QAM	1	1	20.77	19.13	23.04	20.42	19.94	23.20	20.84	18.82	22.96
		CP 256QAM	1	1	17.74	16.31	20.09	17.79	16.88	20.37	17.55	15.73	19.74

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)								
Directional Gain(dBi)			0.87		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			2		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	501204			518604			535998		
					2506.02			2593.02			2679.99		
					Total			Total			Total		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
20	30	CP QPSK	1	1	26.22			25.57			25.77		
			1	49	26.13			25.67			25.95		
			25	12	25.80			25.76			25.65		
			51	0	24.46			24.42			24.37		
		CP 16QAM	1	1	25.18			24.86			25.42		
		CP 64QAM	1	1	23.90			24.06			23.82		
		CP 256QAM	1	1	20.96			21.24			20.61		

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					501702			518604			533496		
					2508.51			2593.02			2667.48		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
25	30	CP QPSK	1	1	23.18	21.13	25.29	22.58	21.06	24.90	22.40	19.52	24.20
			1	63	22.64	21.66	25.19	22.64	21.2	24.99	22.52	19.51	24.28
			33	16	22.72	20.88	24.91	22.47	21.49	25.02	22.03	20.06	24.17
			65	0	21.06	19.81	23.49	20.82	20.28	23.57	20.23	18.52	22.47
		CP 16QAM	1	1	22.42	21.11	24.82	21.68	20.4	24.10	20.98	19.32	23.24
		CP 64QAM	1	1	20.44	19.89	23.18	20.33	19.84	23.10	20.07	19.01	22.58
		CP 256QAM	1	1	17.48	17.14	20.32	17.17	16.74	19.97	16.57	15.06	18.89

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)								
Directional Gain(dBi)			0.87		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			2		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	501702			518604			533496		
					2508.51			2593.02			2667.48		
					Total			Total			Total		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
25	30	CP QPSK	1	1	26.15			25.76			25.07		
			1	63	26.06			25.86			25.15		
			33	16	25.77			25.89			25.03		
			65	0	24.36			24.44			23.34		
		CP 16QAM	1	1	25.69			24.96			24.11		
		CP 64QAM	1	1	24.05			23.97			23.45		
		CP 256QAM	1	1	21.19			20.84			19.76		

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					502200			518604			534996		
					2511			2593.02			2674.98		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
30	30	CP QPSK	1	1	23.57	21.35	25.61	22.68	21.24	25.03	23.06	19.77	24.73
			1	76	23.52	21.26	25.55	23	21.27	25.23	22.89	19.64	24.57
			39	19	23.21	20.25	24.99	22.61	20.94	24.87	23.15	19.94	24.85
			78	0	21.55	19.48	23.65	21.06	23.23	25.29	21.37	19.08	23.38
		CP 16QAM	1	1	22.66	19.45	24.36	22.08	21.16	24.65	22.59	19.48	24.32
		CP 64QAM	1	1	21.33	18.91	23.30	20.42	19.98	23.22	20.79	19.61	23.25
		CP 256QAM	1	1	18.17	16.21	20.31	17.47	17.1	20.30	17.53	16.98	20.27

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)								
Directional Gain(dBi)			0.87		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			2		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	502200			518604			534996		
					2511			2593.02			2674.98		
					Total			Total			Total		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
30	30	CP QPSK	1	1	26.48			25.90			25.60		
			1	76	26.41			26.10			25.44		
			39	19	25.86			25.73			25.71		
			78	0	24.51			26.16			24.25		
		CP 16QAM	1	1	25.22			25.52			25.19		
		CP 64QAM	1	1	24.16			24.08			24.12		
		CP 256QAM	1	1	21.18			21.17			21.14		

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					502704			518604			533496		
					2513.52			2593.02			2667.48		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
35	30	CP QPSK	1	1	22.96	21.69	<b>25.38</b>	22.71	21.6	25.20	22.31	19.85	24.26
			1	90	22.71	21.94	25.35	22.71	21.65	25.22	22.20	20.32	24.37
			46	23	22.64	21.63	25.17	22.52	21.44	25.02	22.09	19.56	24.02
			92	0	21.05	20.1	23.61	20.94	20.14	23.57	20.26	19.06	22.71
		CP 16QAM	1	1	22.18	20.9	24.60	21.63	20.88	24.28	21.32	19.88	23.67
		CP 64QAM	1	1	20.55	20.41	23.49	20.48	19.51	23.03	19.76	18.50	22.19
		CP 256QAM	1	1	16.82	16.51	19.68	17.18	16.14	19.70	16.57	16.19	19.39

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)								
Directional Gain(dBi)			0.87		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			2		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	502704			518604			533496		
					2513.52			2593.02			2667.48		
					Total			Total			Total		
					35	30	CP QPSK	1	1	<b>26.25</b>			26.07
1	90	26.22						26.09			25.24		
46	23	26.04						25.89			24.88		
92	0	24.48						24.44			23.58		
CP 16QAM	1	1	25.46				25.15			24.54			
CP 64QAM	1	1	24.36				23.90			23.05			
CP 256QAM	1	1	20.55				20.57			20.26			

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					503202			518604			534000		
					2516.01			2593.02			2670		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
40	30	CP QPSK	1	1	23.12	21.74	25.49	22.74	20.89	24.92	23.15	20.51	25.04
			1	104	23.26	21.22	25.37	22.65	21.04	24.93	23.18	20.00	24.89
			53	26	23.23	20.28	25.01	22.65	20.77	24.82	23.09	19.70	24.73
			106	0	21.61	19.42	23.66	21.13	19.09	23.24	21.64	19.05	23.55
		CP 16QAM	1	1	22.69	19.08	24.26	21.69	20.31	24.06	22.96	19.92	24.71
		CP 64QAM	1	1	21.15	19.08	23.25	20.64	19.82	23.26	21.17	19.90	23.59
		CP 256QAM	1	1	18.01	16.29	20.24	17.36	16.42	19.93	17.96	16.69	20.38

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)								
Directional Gain(dBi)			0.87		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			2		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	503202			518604			534000		
					2516.01			2593.02			2670		
					Total			Total			Total		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
40	30	CP QPSK	1	1	26.36			25.79			25.91		
			1	104	26.24			25.80			25.75		
			53	26	25.88			25.69			25.60		
			106	0	24.53			24.11			24.41		
		CP 16QAM	1	1	25.13			24.93			25.58		
		CP 64QAM	1	1	24.11			24.13			24.46		
		CP 256QAM	1	1	21.11			20.79			21.25		

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					503700			518604			533496		
					2518.5			2593.02			2667.48		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
45	30	CP QPSK	1	1	22.97	21.58	25.34	22.66	21.27	25.03	22.34	20.24	24.43
			1	117	22.84	21.73	25.33	22.79	21.72	25.30	22.19	20.21	24.32
			60	30	22.77	21.64	25.25	22.53	21.18	24.92	21.95	19.60	23.94
			119	0	21.09	20.3	23.72	21.02	20.28	23.68	20.53	18.97	22.83
		CP 16QAM	1	1	22.27	20.87	24.64	21.97	20.79	24.43	21.91	19.43	23.85
		CP 64QAM	1	1	20.55	19.97	23.28	20.29	20.27	23.29	19.90	19.66	22.79
		CP 256QAM	1	1	17.54	16.33	19.99	16.71	16.24	19.49	17.13	15.74	19.50

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)								
Directional Gain(dBi)			0.87		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			2		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	503700			518604			533496		
					2518.5			2593.02			2667.48		
					Total			Total			Total		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
45	30	CP QPSK	1	1	26.21			25.90			25.29		
			1	117	26.20			26.17			25.19		
			60	30	26.12			25.78			24.81		
			119	0	24.59			24.54			23.70		
		CP 16QAM	1	1	25.50			25.30			24.72		
		CP 64QAM	1	1	24.15			24.16			23.66		
		CP 256QAM	1	1	20.85			20.36			20.37		

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					504204			518604			532998		
					2521.02			2593.02			2664.99		
50	30	CP QPSK	1	1	23.34	19.69	24.90	22.84	20.99	25.02	23.26	21.08	25.32
			1	131	23.19	21	25.24	22.89	20.97	25.05	23.45	19.86	25.03
			67	33	23.29	20.53	25.14	22.79	20.84	24.93	23.27	19.91	24.92
			133	0	21.61	19.64	23.75	21.17	20.07	23.67	21.55	19.23	23.55
		CP 16QAM	1	1	22.78	19.21	24.36	22.03	20.37	24.29	22.80	20.33	24.75
		CP 64QAM	1	1	21.66	19.16	23.60	20.71	20.02	23.39	20.99	20.20	23.62
		CP 256QAM	1	1	18.14	16.34	20.34	17.49	16.56	20.06	17.85	17.12	20.51

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)								
Directional Gain(dBi)			0.87		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			2		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	504204			518604			532998		
					2521.02			2593.02			2664.99		
					Total			Total			Total		
50	30	CP QPSK	1	1	25.77			25.89			26.18		
			1	131	26.11			25.91			25.89		
			67	33	26.00			25.80			25.78		
			133	0	24.61			24.53			24.42		
		CP 16QAM	1	1	25.23			25.16			25.62		
		CP 64QAM	1	1	24.47			24.26			24.49		
		CP 256QAM	1	1	21.21			20.93			21.38		

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					505200			518604			531996		
					2526			2593.02			2659.98		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
60	30	CP QPSK	1	1	22.94	21.43	25.26	22.54	21.08	24.88	22.37	20.78	24.66
			1	160	22.75	21.45	25.16	22.47	21.28	24.93	22.13	19.35	23.97
			81	40	22.65	21.33	25.05	22.31	20.82	24.64	22.02	20.20	24.21
			162	0	21.07	20.09	23.62	20.96	20.12	23.57	20.69	18.39	22.70
		CP 16QAM	1	1	21.7	20.5	24.15	21.87	20.32	24.17	21.59	20.66	24.16
		CP 64QAM	1	1	20.61	19.47	23.09	19.99	20	23.01	19.71	18.27	22.06
CP 256QAM	1	1	17.05	15.76	19.46	17.12	16.19	19.69	16.91	15.12	19.12		

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)								
Directional Gain(dBi)			0.87		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			2		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	505200			518604			531996		
					2526			2593.02			2659.98		
					Total			Total			Total		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
60	30	CP QPSK	1	1	26.13			25.75			25.53		
			1	160	26.03			25.79			24.84		
			81	40	25.92			25.51			25.08		
			162	0	24.49			24.44			23.57		
		CP 16QAM	1	1	25.02			25.04			25.03		
		CP 64QAM	1	1	23.95			23.87			22.93		
CP 256QAM	1	1	20.33			20.56			19.98				

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					506202			518604			531000		
					2531.01			2593.02			2655		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
70	30	CP QPSK	1	1	23.28	19.94	24.93	22.88	21.09	25.09	23.14	21.05	25.23
			1	187	22.96	20.56	24.93	22.77	20.58	24.82	23.13	20.00	24.85
			95	47	22.98	20.84	25.05	22.49	20.3	24.54	23.01	19.92	24.74
			189	0	21.46	19.83	23.73	21.05	19.41	23.32	21.29	19.05	23.32
		CP 16QAM	1	1	22.88	19.29	24.46	22.34	20.85	24.67	22.07	20.43	24.34
		CP 64QAM	1	1	21.11	19.33	23.32	20.48	20.19	23.35	20.67	19.95	23.34
CP 256QAM	1	1	18.14	16.34	20.34	17.48	16.61	20.08	18.02	17.20	20.64		

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)								
Directional Gain(dBi)			0.87		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			2		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	506202			518604			531000		
					2531.01			2593.02			2655		
					Total			Total			Total		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
70	30	CP QPSK	1	1	25.80			25.96			26.10		
			1	187	25.80			25.69			25.72		
			95	47	25.92			25.41			25.61		
			189	0	24.60			24.18			24.19		
		CP 16QAM	1	1	25.32			25.54			25.20		
		CP 64QAM	1	1	24.19			24.22			24.20		
CP 256QAM	1	1	21.21			20.94			21.51				

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					507204			518604			529998		
					2536.02			2593.02			2649.99		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
80	30	CP QPSK	1	1	23.31	20.17	25.03	22.97	21.26	25.21	22.55	20.53	24.67
			1	215	22.66	19.85	24.49	22.93	21.23	25.17	23.09	20.01	24.83
			109	54	22.84	21.01	25.03	22.55	20.08	24.50	22.91	20.18	24.77
			217	0	21.41	19.91	23.73	21.12	19.43	23.37	21.36	19.28	23.45
		CP 16QAM	1	1	22.81	19.58	24.50	22.21	20.69	24.53	21.91	19.96	24.05
		CP 64QAM	1	1	21.09	19.23	23.27	20.81	19.68	23.29	20.13	19.95	23.05
		CP 256QAM	1	1	18.22	16.2	20.34	18.12	16.67	20.47	17.20	16.99	20.11

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)								
Directional Gain(dBi)			0.87		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			2		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	507204			518604			529998		
					2536.02			2593.02			2649.99		
					Total			Total			Total		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
80	30	CP QPSK	1	1	25.90			26.08			25.53		
			1	215	25.36			26.04			25.70		
			109	54	25.90			25.37			25.63		
			217	0	24.60			24.23			24.32		
		CP 16QAM	1	1	25.37			25.39			24.92		
		CP 64QAM	1	1	24.14			24.16			23.92		
		CP 256QAM	1	1	21.20			21.33			20.97		

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					508200			518604			528996		
					2541			2593.02			2644.98		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
90	30	CP QPSK	1	1	23.4	20	25.03	22.91	21.47	25.26	22.51	20.55	24.65
			1	243	22.72	19.8	24.51	23.12	21.13	25.25	23.09	20.04	24.84
			123	61	22.89	21.06	25.08	22.44	20.33	24.52	22.93	20.44	24.87
			245	0	21.29	19.85	23.64	21.2	19.69	23.52	21.35	19.35	23.47
		CP 16QAM	1	1	22.77	19.62	24.48	22.33	20.81	24.65	22.02	19.66	24.01
		CP 64QAM	1	1	21.17	19.21	23.31	20.93	19.78	23.40	20.11	19.46	22.81
		CP 256QAM	1	1	17.99	16.2	20.20	18.26	16.65	20.54	17.25	16.61	19.95

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)								
Directional Gain(dBi)			0.87		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			2		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	508200			518604			528996		
					2541			2593.02			2644.98		
					Total			Total			Total		
90	30	CP QPSK	1	1	25.90			26.13			25.52		
			1	243	25.38			26.12			25.71		
			123	61	25.95			25.39			25.74		
			245	0	24.51			24.39			24.34		
		CP 16QAM	1	1	25.35			25.51			24.88		
		CP 64QAM	1	1	24.18			24.27			23.67		
		CP 256QAM	1	1	21.06			21.41			20.82		

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					509202			518604			528000		
					2546.01			2593.02			2640		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
100	30	CP QPSK	1	1	23.57	21.58	25.70	22.94	21.57	25.32	22.64	19.67	24.41
			1	271	22.56	19.89	24.44	23.07	20.74	25.07	23.22	19.82	24.85
			137	68	22.8	21.03	25.01	22.65	20.04	24.55	22.89	20.81	24.98
			273	0	21.57	19.95	23.85	21.17	19.82	23.56	21.38	19.41	23.52
		CP 16QAM	1	1	22.69	19.45	24.38	22.16	20.74	24.52	21.99	19.21	23.83
		CP 64QAM	1	1	20.93	19.24	23.18	20.99	19.79	23.44	20.44	18.38	22.54
CP 256QAM	1	1	18.04	16.27	20.25	17.7	16.96	20.36	17.55	16.36	20.01		

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)								
Directional Gain(dBi)			0.87		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			2		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	509202			518604			528000		
					2546.01			2593.02			2640		
					Total			Total			Total		
					100	30	CP QPSK	1	1	26.57			26.19
1	271	25.30						25.94			25.72		
137	68	25.88						25.42			25.85		
273	0	24.71						24.42			24.38		
CP 16QAM	1	1	25.24				25.39			24.70			
CP 64QAM	1	1	24.04				24.31			23.41			
CP 256QAM	1	1	21.12			21.22			20.87				

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## 2 OCCUPIED BANDWIDTH MEASUREMENT

5G NR BAND n41 Channel bandwidth: 10MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2501.01	500202	TX1	8.6924	8.6188	8.6164	8.6672	10.0600	9.9590	9.9020	9.9210
		TX2	8.6421	8.6463	8.6649	8.6545	9.9800	9.9600	9.9300	9.8930
2593.02	518604	TX1	8.6062	8.6017	8.6049	8.6506	9.8130	9.8800	9.9030	10.0100
		TX2	8.6607	8.6345	8.6058	8.6333	10.1300	10.0000	9.6890	9.8990
2685	537000	TX1	8.6334	8.6118	8.6645	8.5804	10.0000	9.8130	10.1600	9.8020
		TX2	8.6095	8.5822	8.6316	8.6279	9.7800	9.8070	9.8900	9.9560

5G NR BAND n41 Channel bandwidth: 15MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2503.5	500700	TX1	13.5770	13.6450	13.6000	13.5750	14.9000	15.1900	14.9400	14.9200
		TX2	13.6070	13.6130	13.6510	13.5950	15.1600	15.2100	15.2600	14.9600
2593.0	518604	TX1	13.6440	13.6180	13.6060	13.6240	15.1600	14.9100	15.0100	15.1100
		TX2	13.6050	13.5980	13.6160	13.6430	15.1000	14.8400	14.9600	15.2600
2682.48	536496	TX1	13.5690	13.6690	13.5980	13.6110	15.1700	15.4100	14.9900	15.0700
		TX2	13.6580	13.6360	13.6170	13.6580	15.2900	15.3600	15.2200	15.1100

5G NR BAND n41 Channel bandwidth: 20MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2506.0	501204	TX1	18.3270	18.1940	18.2350	18.2550	20.1400	19.8900	19.9200	19.9100
		TX2	18.2910	18.2400	18.2560	18.2370	19.9800	19.7700	19.9500	19.9600
2593.0	518604	TX1	18.2890	18.2620	18.2600	18.2100	19.9000	19.8900	19.9700	19.9000
		TX2	18.2760	18.2900	18.2880	18.3060	19.9900	20.1300	19.7000	19.9300
2679.99	535998	TX1	18.2510	18.2440	18.2110	18.1990	19.8800	20.0600	19.7700	19.4800
		TX2	18.2970	18.3050	18.2790	18.2350	20.1200	20.1000	19.9600	19.8200

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5G NR BAND n41 Channel bandwidth: 25MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2508.5	501702	TX1	23.2570	23.2650	23.2320	23.1840	25.1800	25.1100	24.9600	24.9300
		TX2	23.3190	23.3480	23.2870	23.2700	25.1000	25.4800	25.0200	25.0200
2593.0	518604	TX1	23.3920	23.2980	23.2400	23.3100	25.5000	25.3800	25.1300	25.2000
		TX2	23.3120	23.2700	23.3040	23.2830	25.2600	25.1600	25.1800	25.1400
2667.48	533496	TX1	23.2920	23.2780	23.2050	23.2650	25.2900	25.2500	24.8000	25.1800
		TX2	23.2630	23.2880	23.2530	23.2600	25.3500	25.0500	25.1200	25.0400

5G NR BAND n41 Channel bandwidth: 30MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2511.0	502200	TX1	27.8370	27.8720	27.8980	27.8500	29.7600	29.8600	29.9100	29.7400
		TX2	27.9410	27.9460	27.9750	27.8930	30.5300	29.9900	29.8700	29.8400
2593.0	518604	TX1	27.8560	27.8690	27.9040	27.9030	29.9200	29.8800	29.7900	29.8000
		TX2	27.9210	27.9150	27.9180	27.9440	30.1000	29.9400	29.9200	29.8800
2674.98	534996	TX1	27.9060	27.9190	27.9150	27.8590	30.7200	30.1600	29.7700	29.7700
		TX2	27.9320	27.9200	27.9660	27.9520	29.9700	29.9200	29.8600	29.9100

5G NR BAND n41 Channel bandwidth: 35MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2513.5	502704	TX1	32.8440	32.8880	32.8360	32.8580	34.8700	35.1700	35.1700	34.9200
		TX2	32.9330	32.9160	33.0030	32.9720	34.8400	34.8100	34.9400	35.1000
2593.0	518604	TX1	32.8850	32.9060	32.8670	32.8900	34.9000	35.2800	35.0000	34.8800
		TX2	32.9070	32.9380	32.9140	32.9960	35.1300	35.1300	34.9600	34.9500
2667.48	533496	TX1	32.8850	32.9180	32.8890	32.8310	34.8700	35.0100	35.1200	35.0100
		TX2	32.9130	32.9160	32.9670	32.8440	34.9500	35.0400	35.0700	35.0000

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5G NR BAND n41 Channel bandwidth: 40MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2516.0	503202	TX1	37.8680	37.7730	37.7820	37.7980	40.2200	40.1100	40.2700	40.1800
		TX2	37.9300	37.8960	37.9920	37.9220	40.1100	40.1800	40.0200	40.0900
2593.0	518604	TX1	37.8610	37.7980	37.8580	37.9490	40.1200	40.1400	40.1100	40.1800
		TX2	37.9510	37.9310	37.9470	37.8550	40.3200	40.1400	40.2200	40.1600
2670	534000	TX1	37.8730	37.8690	37.8490	37.8710	40.2600	40.1900	39.9900	39.9200
		TX2	37.9480	37.9780	37.9580	37.8850	40.4000	40.2300	40.2700	40.0600

5G NR BAND n41 Channel bandwidth: 45MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2518.5	503700	TX1	42.5780	42.4560	42.6470	42.4350	44.9700	44.8200	44.8500	44.6200
		TX2	42.5800	42.6400	42.5800	42.6230	44.7700	44.7000	44.7100	44.9200
2593.0	518604	TX1	42.5570	42.4950	42.4940	42.4960	44.8500	44.9100	45.1100	44.9800
		TX2	42.6210	42.5300	42.5310	42.5090	44.8900	45.0600	44.7400	44.6500
2667.48	533496	TX1	42.5250	42.5620	42.4270	42.4660	45.0000	45.0100	44.8800	44.8400
		TX2	42.5410	42.5330	42.4720	42.4600	44.9100	44.8800	44.8000	45.0100

5G NR BAND n41 Channel bandwidth: 50MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2521.0	504204	TX1	47.5650	47.5410	47.4650	47.5020	50.1300	50.0400	50.1300	50.2300
		TX2	47.5870	47.5470	47.5410	47.5720	50.0300	50.3400	51.3000	50.1500
2593.0	518604	TX1	47.4920	47.4850	47.4300	47.5190	50.2100	50.1700	50.3000	50.1900
		TX2	47.6620	47.5260	47.6170	47.5540	50.3400	50.3700	50.3900	49.9200
2664.99	532998	TX1	47.4480	47.5880	47.4150	47.4860	50.0000	50.1400	50.1000	49.9200
		TX2	47.5430	47.6130	47.5460	47.5650	50.2200	50.0800	50.0100	50.2200

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5G NR BAND n41 Channel bandwidth: 60MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2526.0	505200	TX1	57.8520	57.7410	57.8210	57.8320	60.8900	60.8600	61.2400	60.7500
		TX2	57.9350	57.9480	57.9850	58.0690	64.8900	60.8400	60.5400	60.6100
2593.0	518604	TX1	57.8700	57.9240	57.8310	57.9220	60.5900	60.7600	60.6900	60.7500
		TX2	57.9330	57.9450	57.9270	57.9240	60.6700	60.6500	60.5600	60.8300
2659.98	531996	TX1	57.7470	57.7910	57.8580	57.8260	60.6900	60.7200	60.7800	60.6900
		TX2	57.9090	57.8290	57.8470	57.8070	60.9000	60.8900	60.7900	60.8200

5G NR BAND n41 Channel bandwidth: 70MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2531.01	506202	TX1	67.3540	67.4610	67.3960	67.4980	70.4800	70.7800	70.5600	70.4400
		TX2	67.4430	67.5780	67.5070	67.3520	89.5200	70.5800	73.9600	70.9200
2593.0	518604	TX1	67.3820	67.5160	67.3290	67.2550	70.5200	70.6000	70.7300	70.5400
		TX2	67.7200	67.5690	67.6690	67.5750	70.6400	70.6100	70.8700	70.4500
2655	531000	TX1	67.4820	67.3090	67.4630	67.4310	70.6400	70.3100	70.4500	70.5000
		TX2	67.4860	67.3520	67.5750	67.4320	70.5800	70.6100	70.6300	70.3800

5G NR BAND n41 Channel bandwidth: 80MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2536.0	507204	TX1	77.3060	77.5230	77.4530	77.4400	80.8100	80.8500	80.9200	81.2900
		TX2	77.5630	77.6590	77.5230	77.4690	83.4600	82.6800	81.1200	80.9300
2593.0	518604	TX1	77.2870	77.2840	77.4590	77.3500	80.8300	81.2100	80.9000	80.8500
		TX2	77.5630	77.7330	77.6290	77.7220	81.9100	84.8400	81.0500	81.3000
2649.99	529998	TX1	77.4460	77.3570	77.3410	77.3350	80.8900	80.9200	81.0100	80.8400
		TX2	77.5160	77.5850	77.5400	77.4640	81.0800	80.9600	81.2500	81.0900

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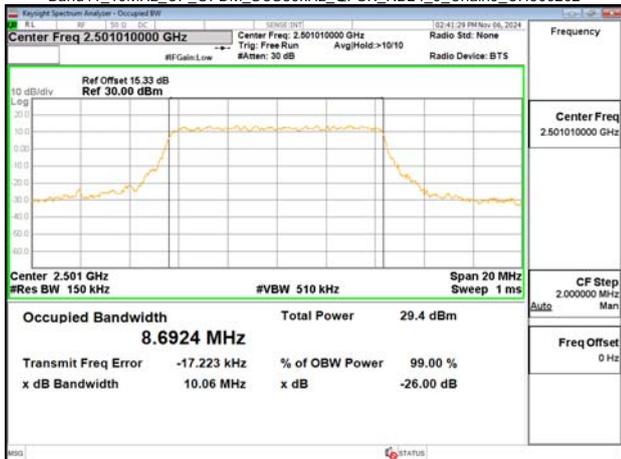
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5G NR BAND n41 Channel bandwidth: 90MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2541.0	508200	TX1	87.3240	87.4720	87.4420	87.4650	91.0100	91.0200	91.1400	91.1800
		TX2	87.5930	87.3700	87.4020	87.6210	91.1100	90.4500	91.3200	91.1100
2593.0	518604	TX1	87.2330	87.4020	87.3900	87.4010	91.1800	91.2200	91.1400	91.1300
		TX2	87.8070	87.5880	87.6730	87.5810	94.4800	96.7700	91.4900	91.2100
2644.98	528996	TX1	87.2630	87.3990	87.5300	87.4460	91.0700	91.4100	91.2900	91.3300
		TX2	87.4830	87.4450	87.3790	87.5310	91.2000	91.2100	91.2100	91.2500
5G NR BAND n41 Channel bandwidth: 100MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2546.0	509202	TX1	97.3810	97.5280	97.5510	97.4110	101.7000	101.5000	101.7000	101.5000
		TX2	97.5480	97.6500	97.5420	97.2370	101.8000	117.6000	101.8000	101.6000
2593.0	518604	TX1	97.5700	97.5000	97.2770	97.0990	101.6000	101.6000	101.8000	101.6000
		TX2	97.6270	97.6590	97.6830	97.5490	101.9000	101.8000	101.9000	101.7000
2640	528000	TX1	97.7570	97.4780	97.4960	97.5400	101.6000	101.6000	101.7000	101.7000
		TX2	97.4630	97.4520	97.4830	97.3560	101.7000	102.0000	101.6000	101.8000

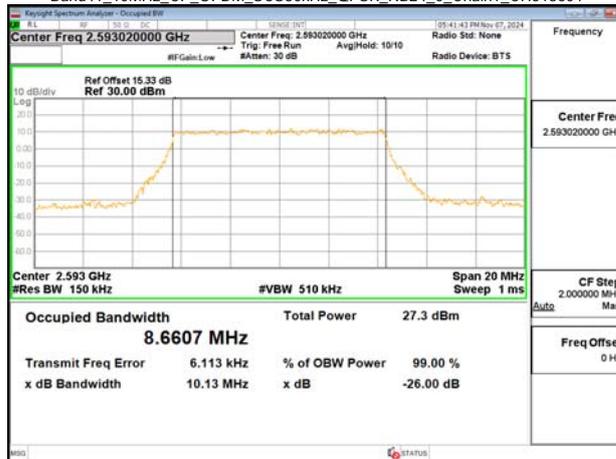
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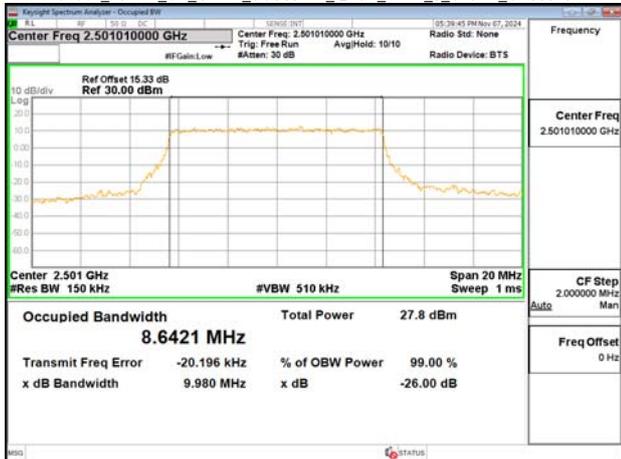
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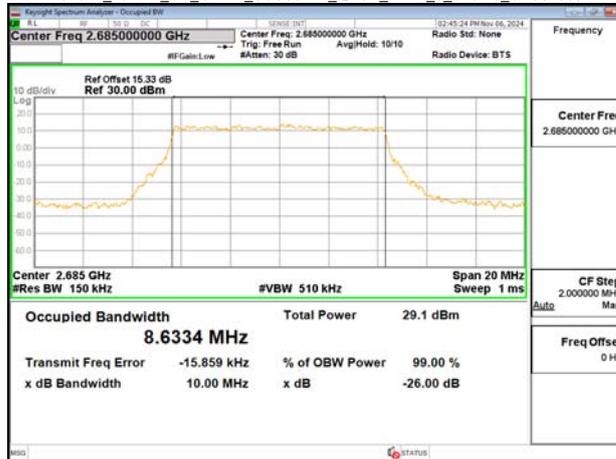
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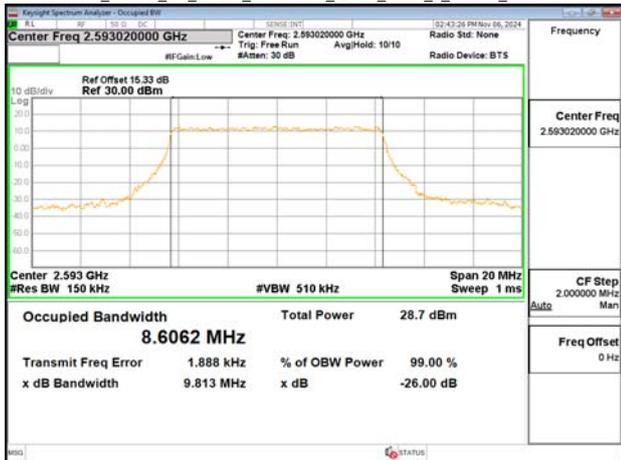
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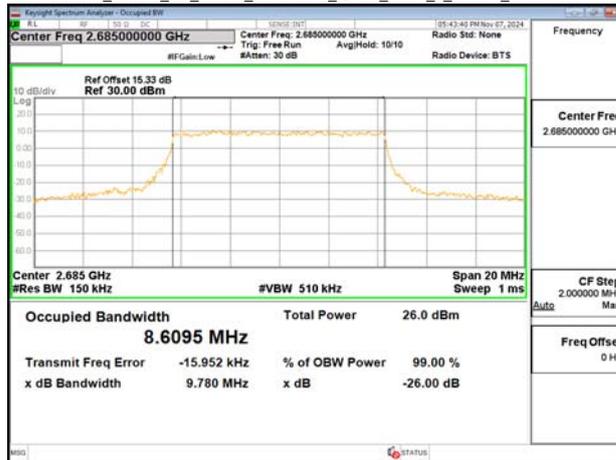
Band41\_10MHz\_CP\_OFDM\_SCS30kHz\_OPSK\_RB24\_0\_Chain0\_CH537000



Band41\_10MHz\_CP\_OFDM\_SCS30kHz\_OPSK\_RB24\_0\_Chain0\_CH518604



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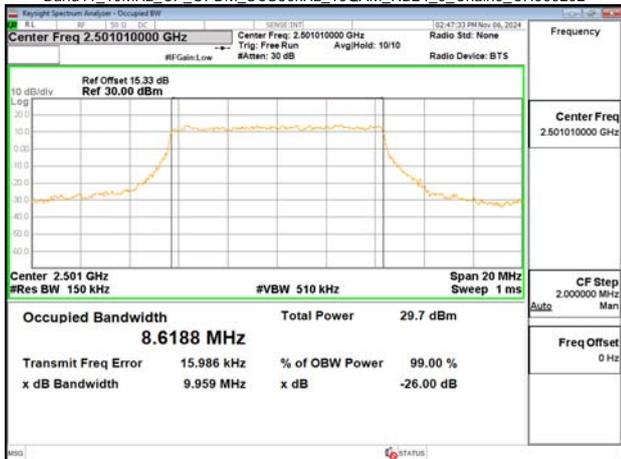


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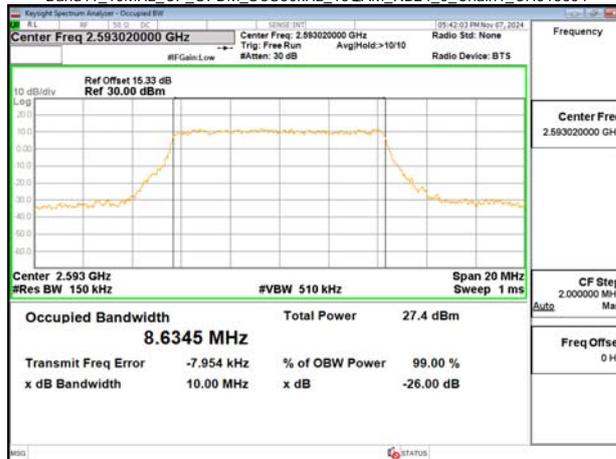
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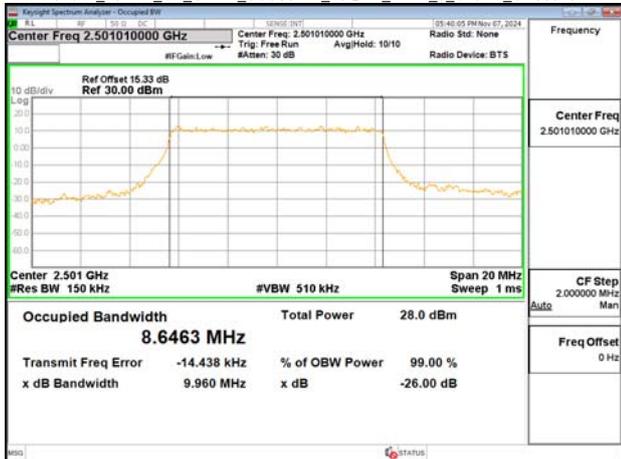
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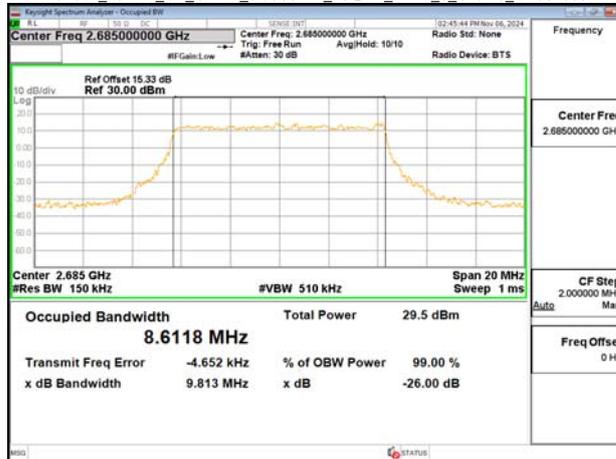
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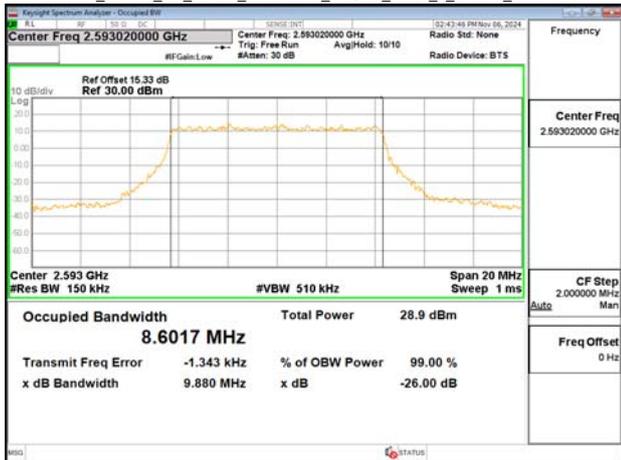
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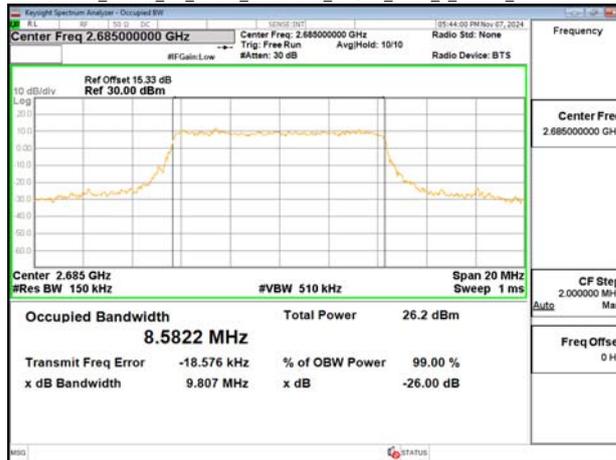
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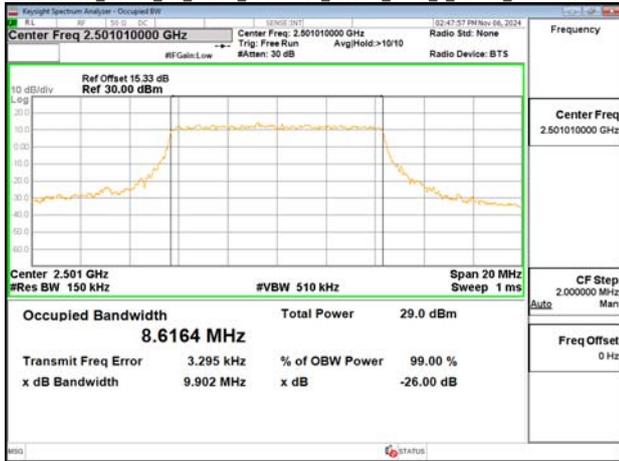


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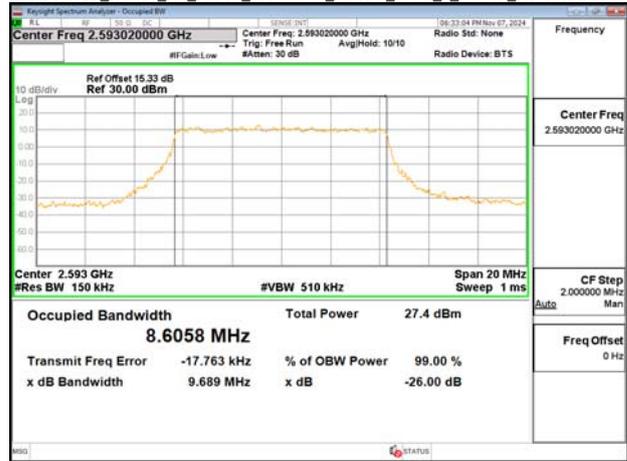
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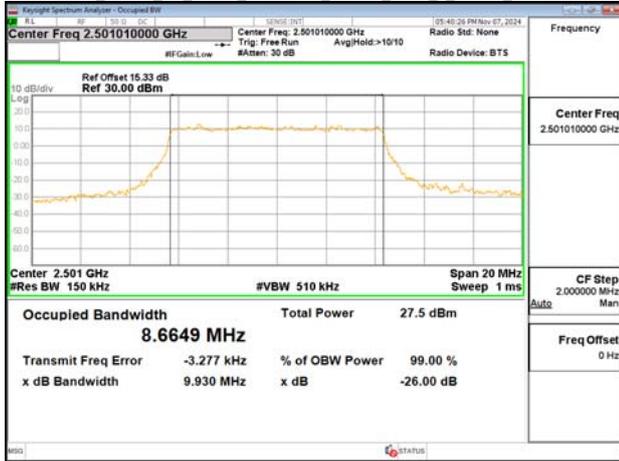
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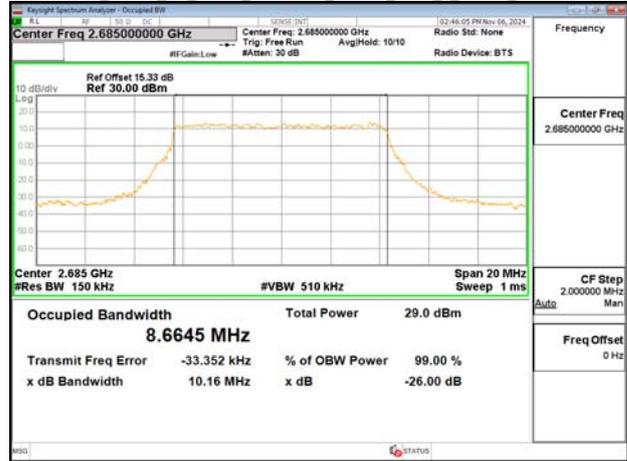
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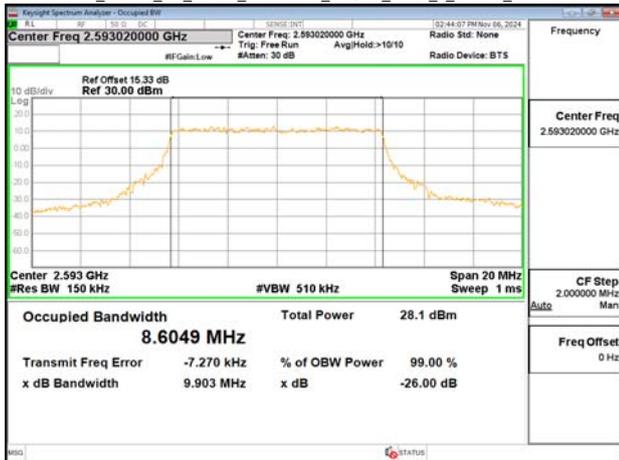
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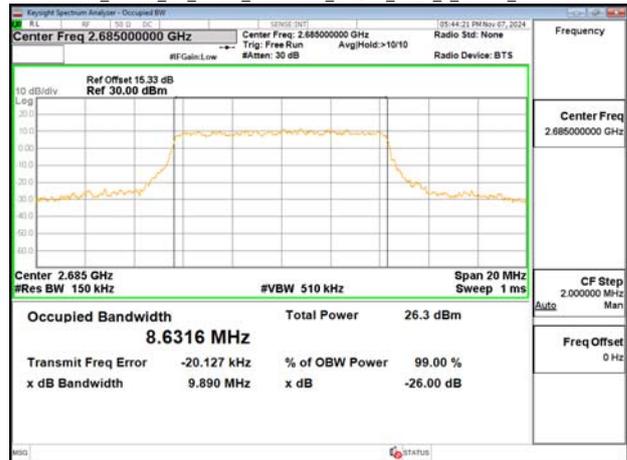
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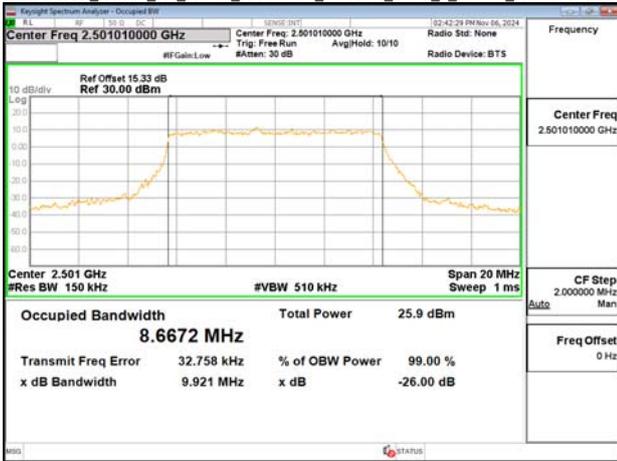


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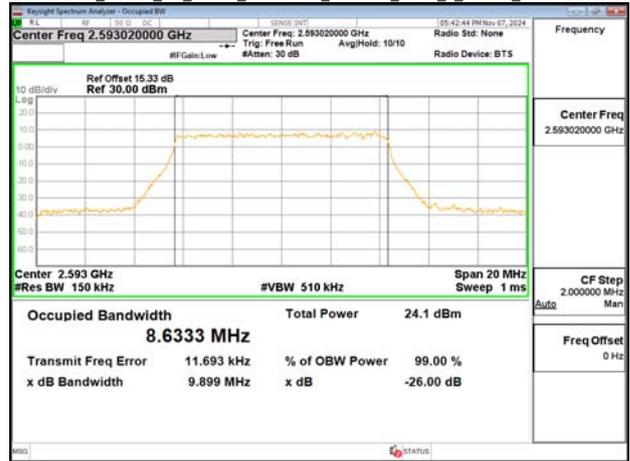
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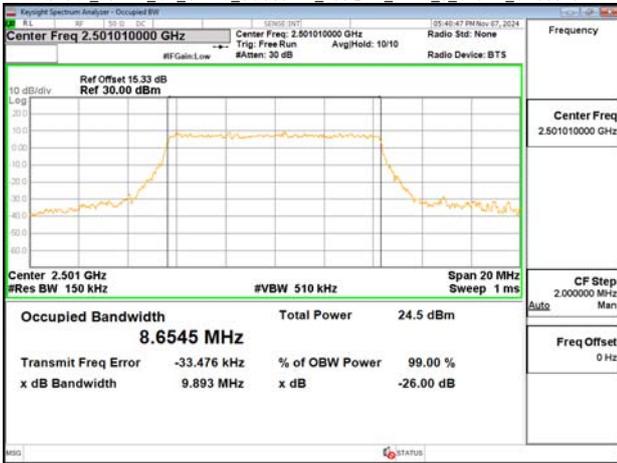
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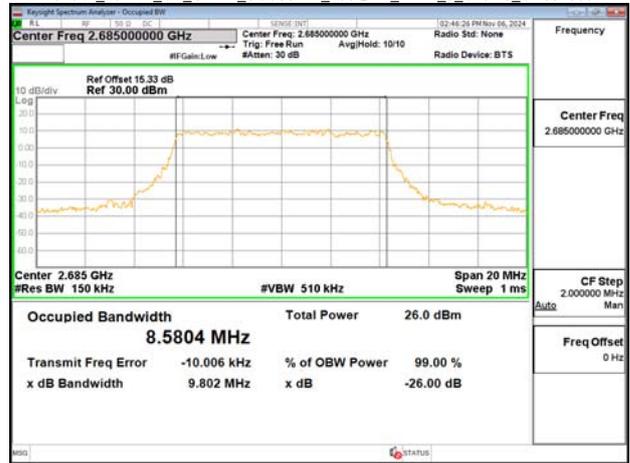
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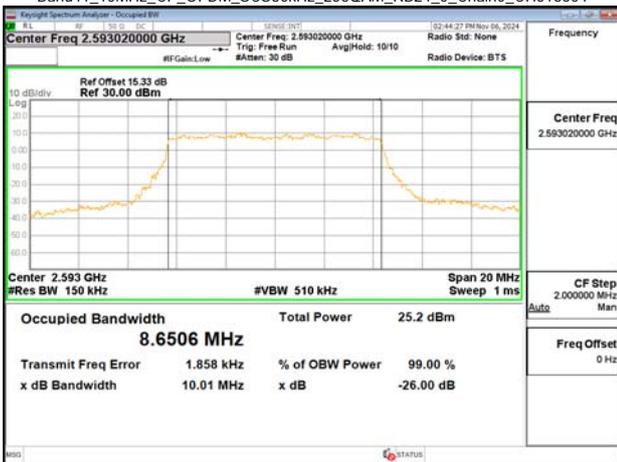
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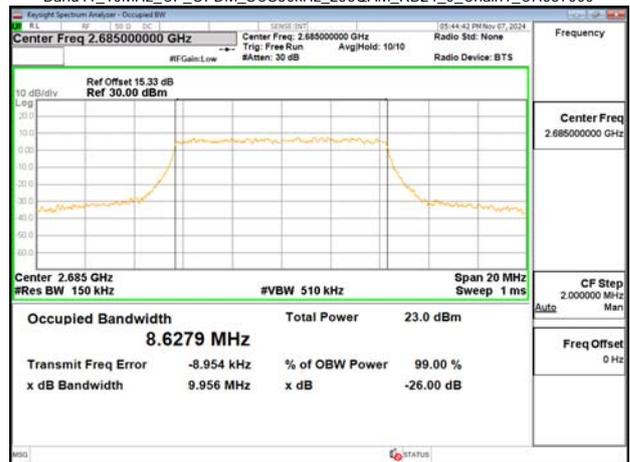
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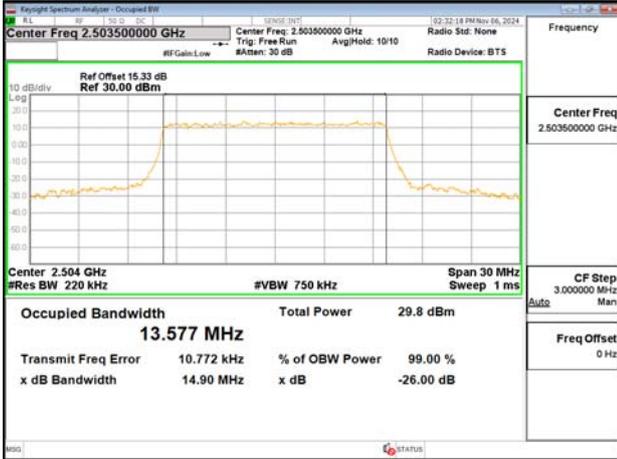


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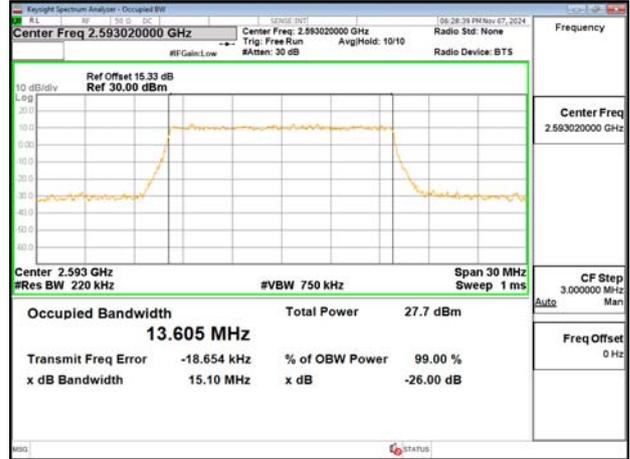
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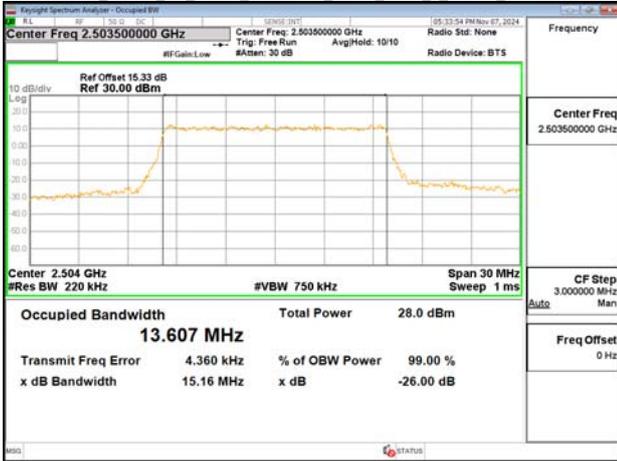
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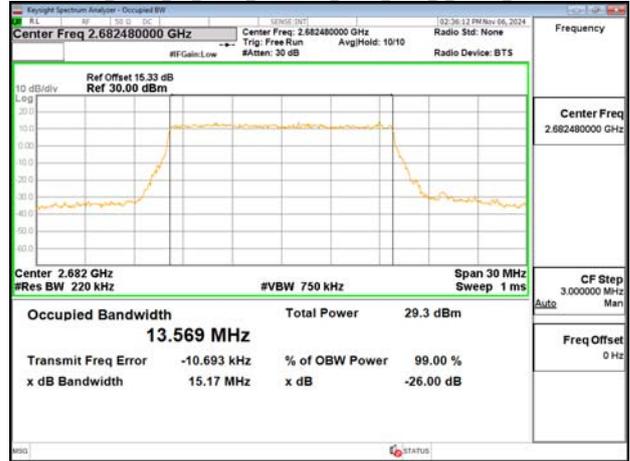
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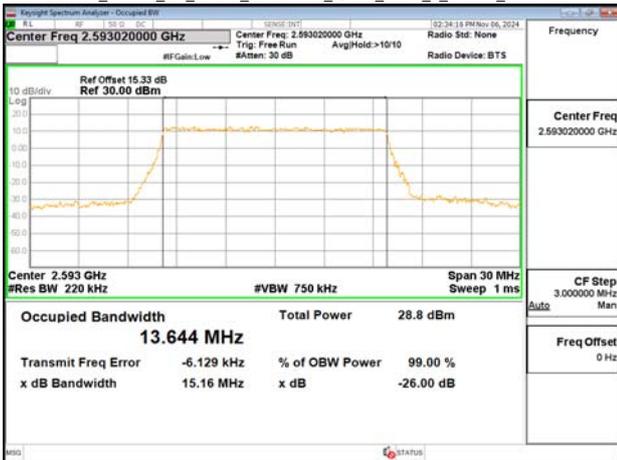
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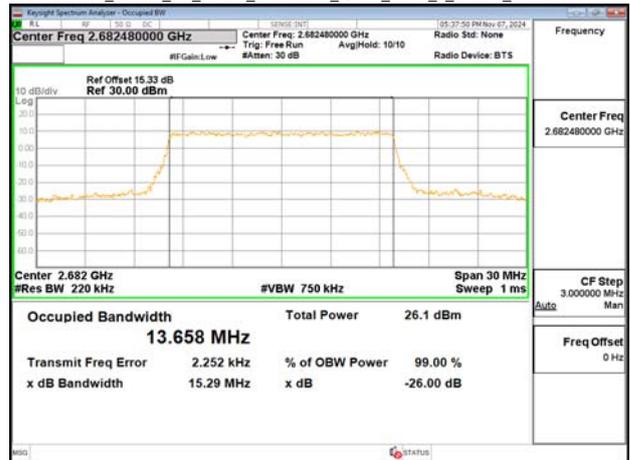
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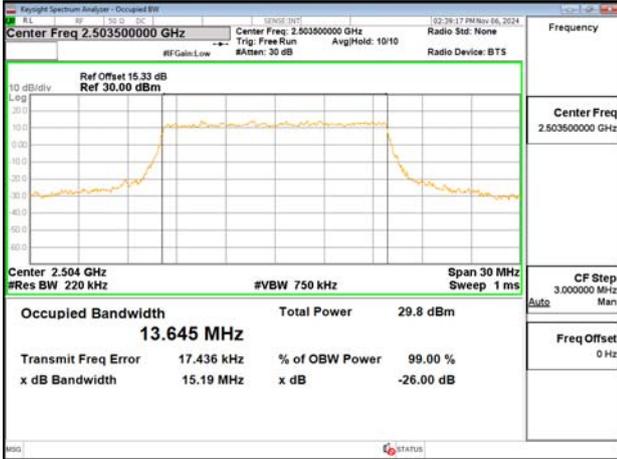


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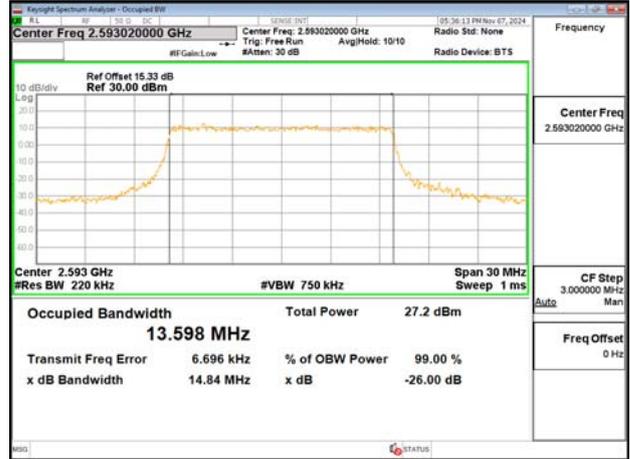
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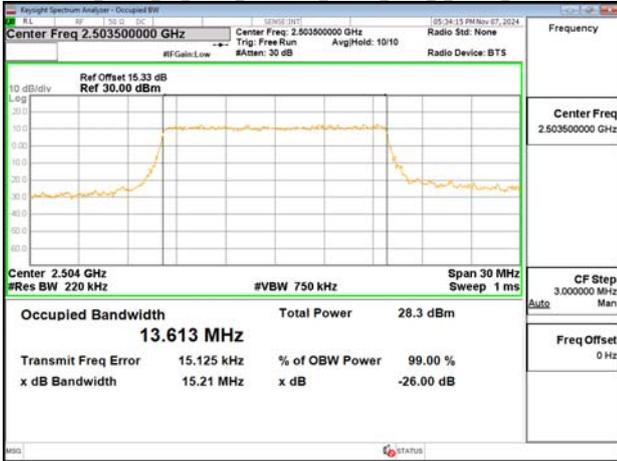
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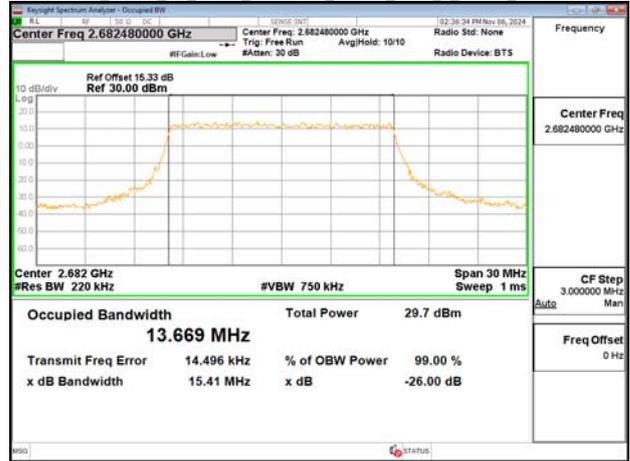
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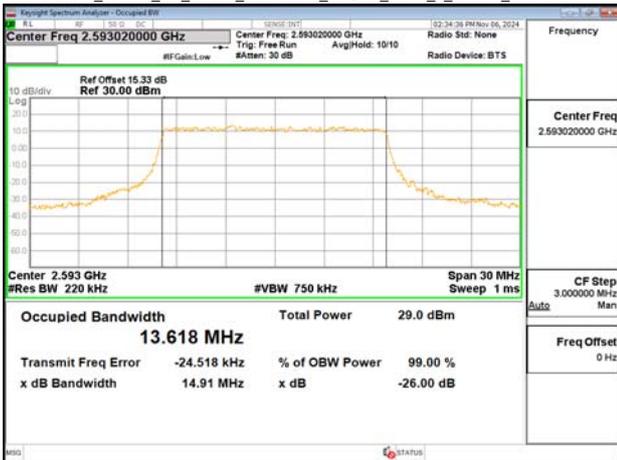
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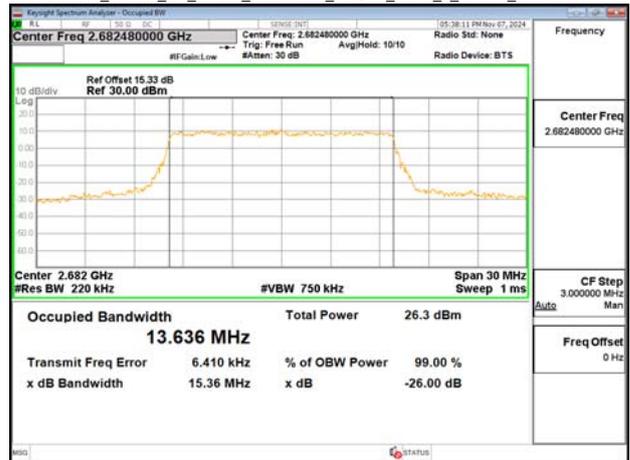
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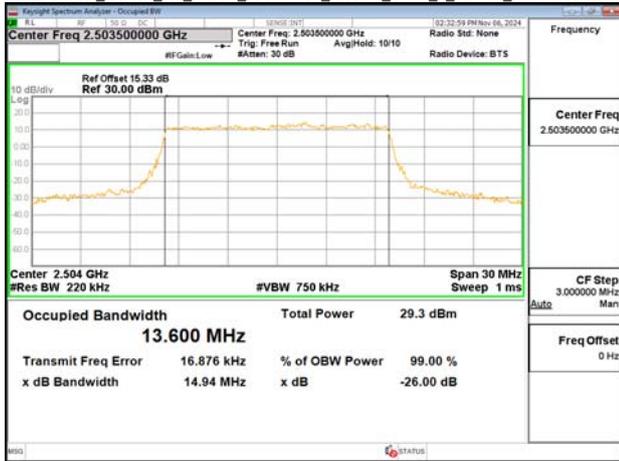


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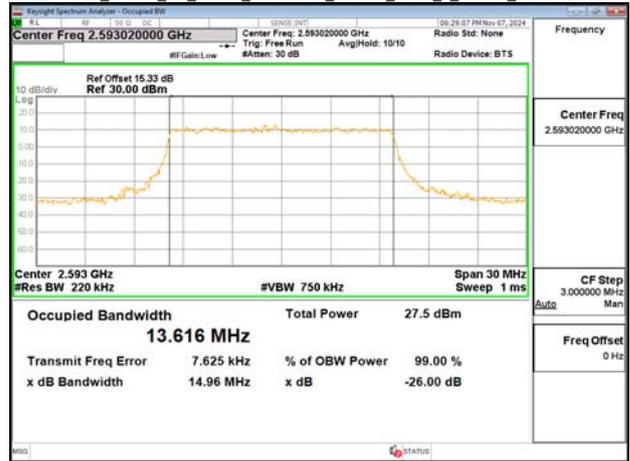
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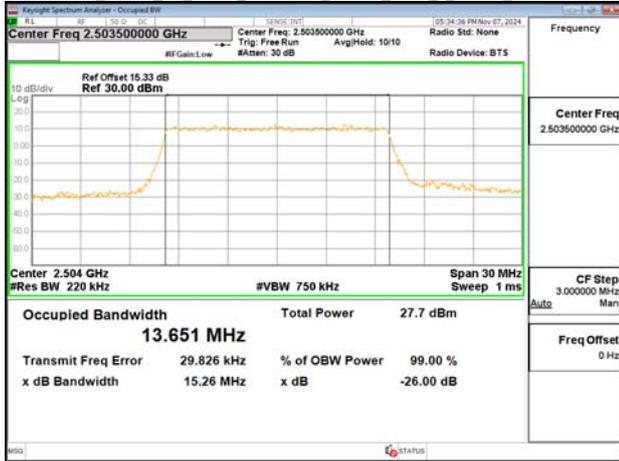
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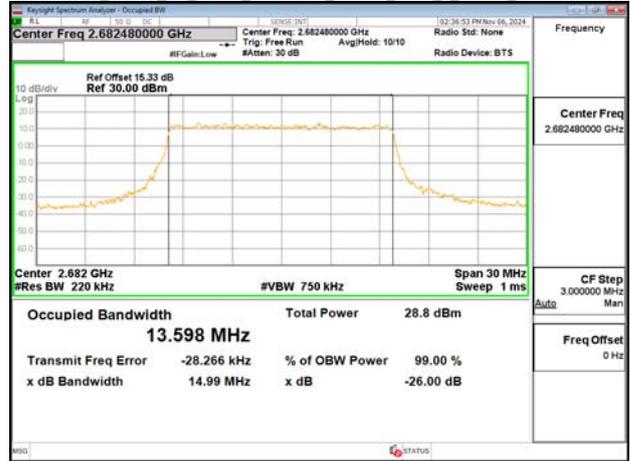
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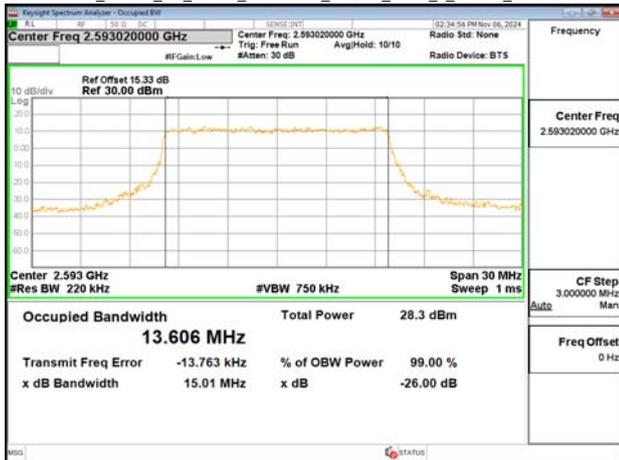
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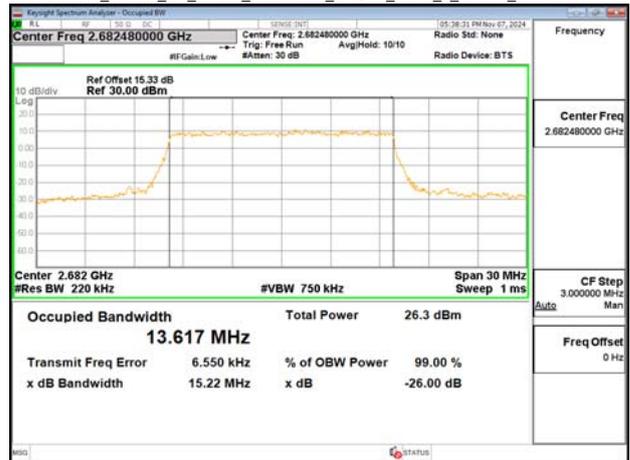
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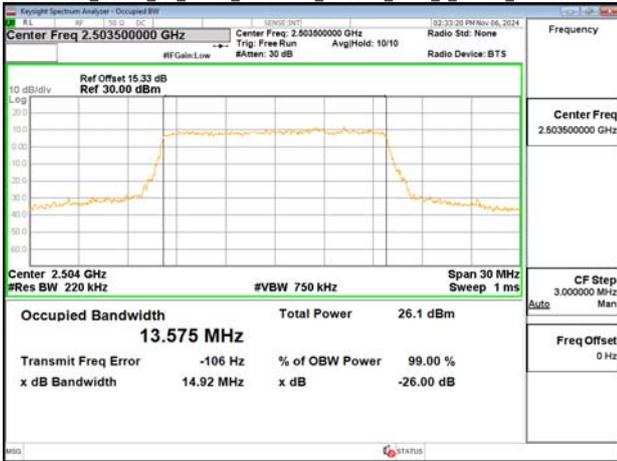


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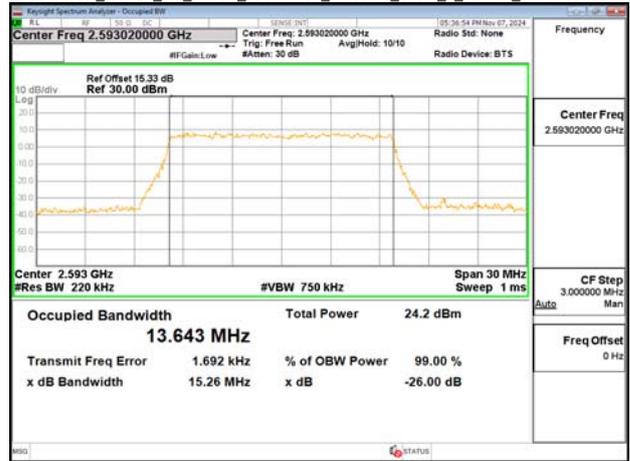
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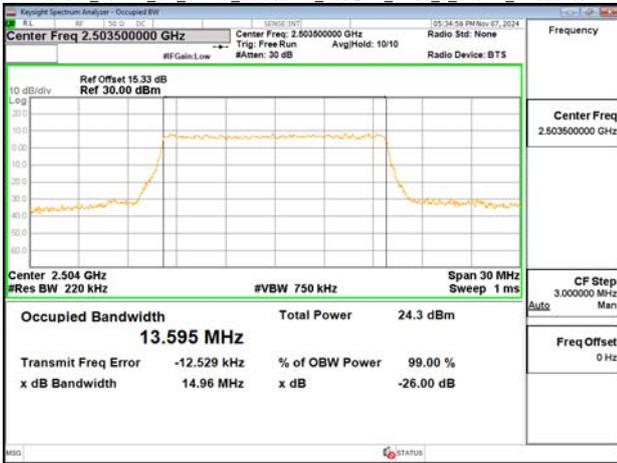
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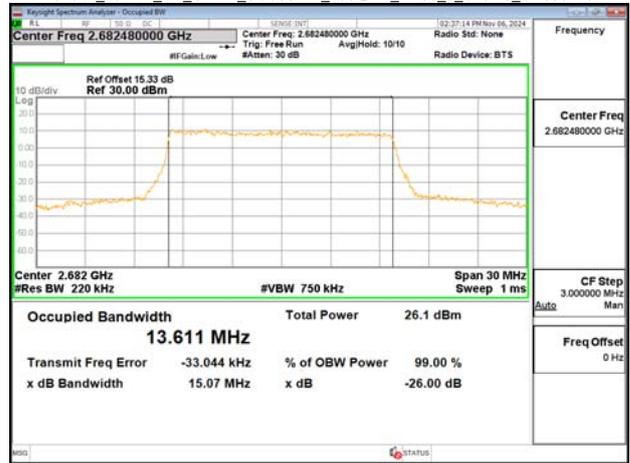
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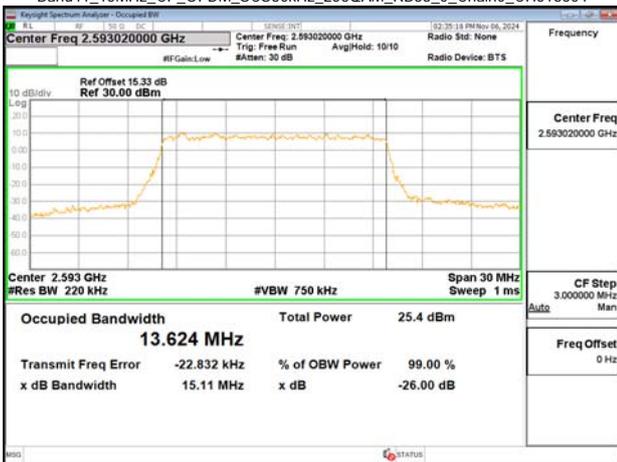
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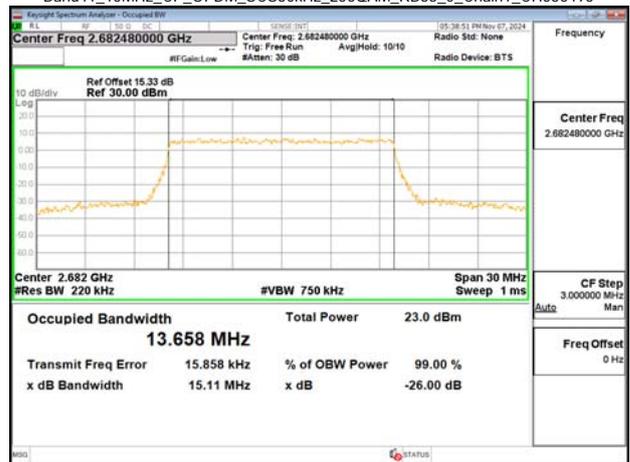
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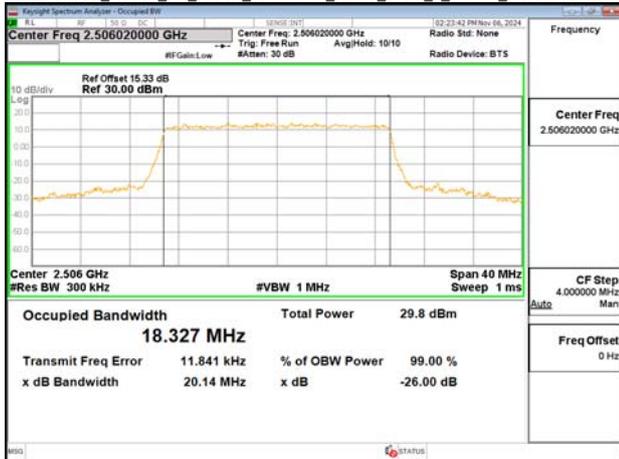


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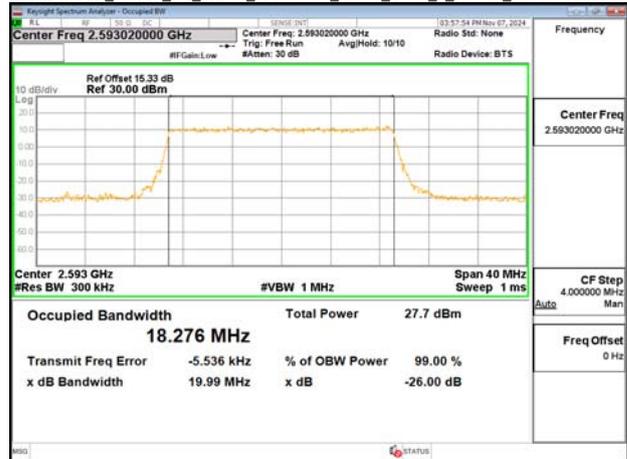
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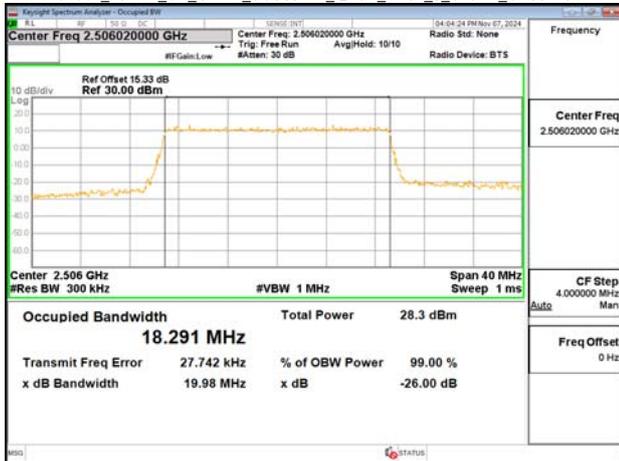
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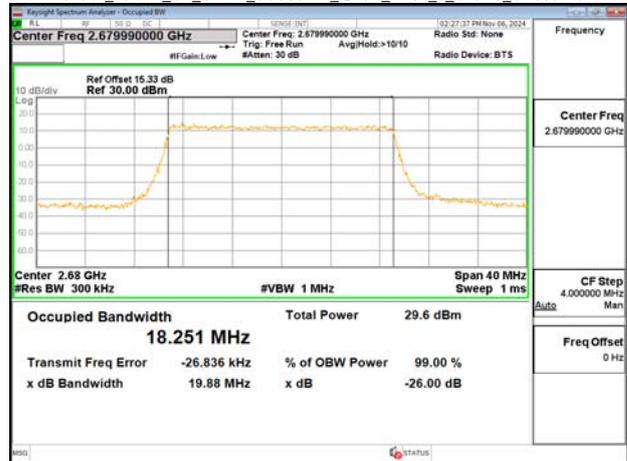
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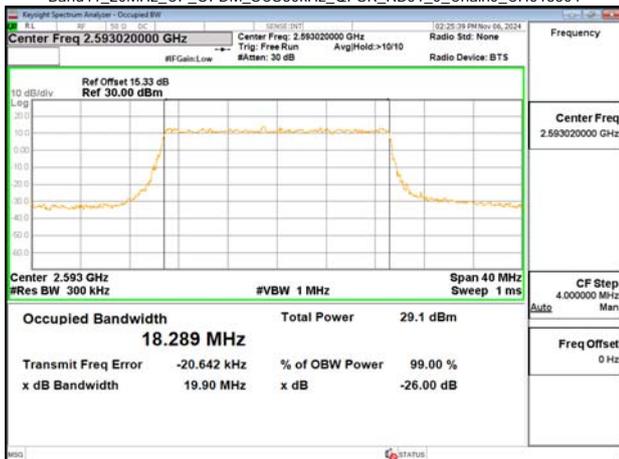
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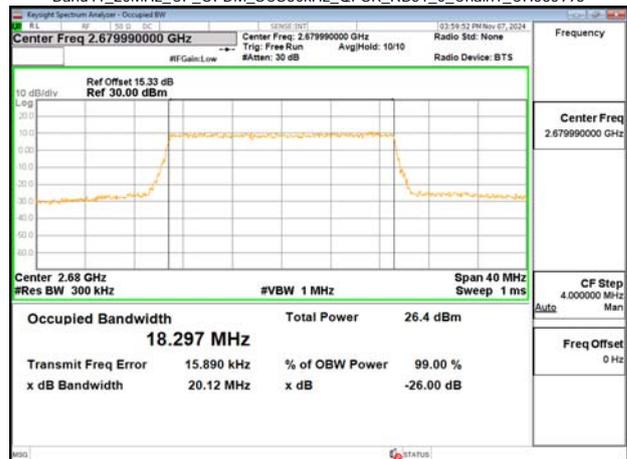
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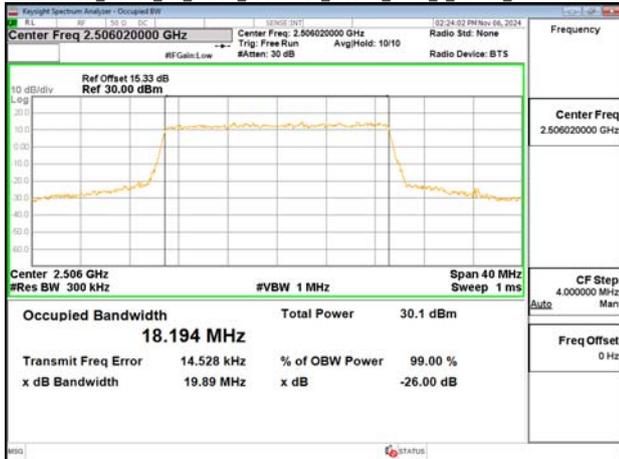


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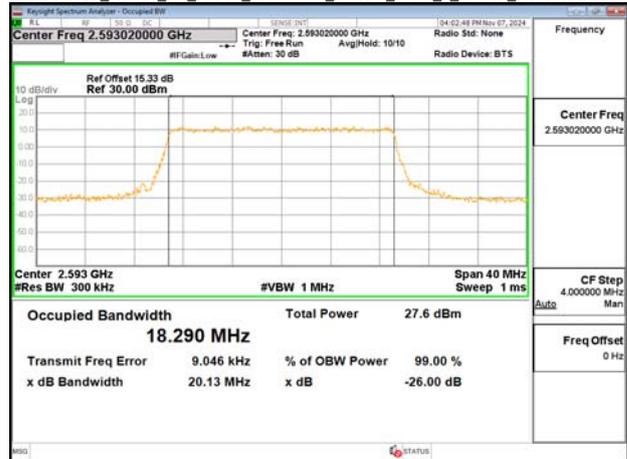
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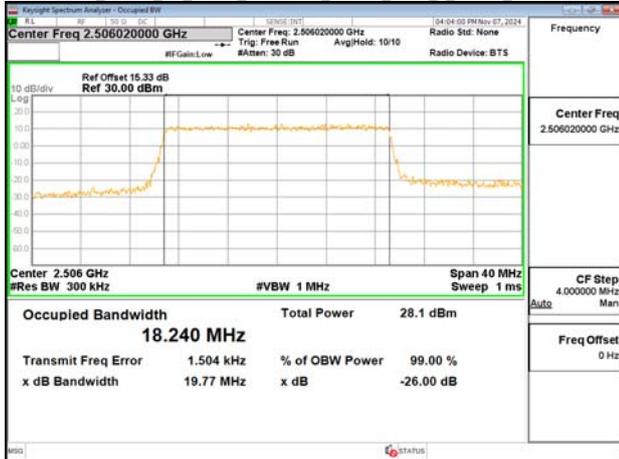
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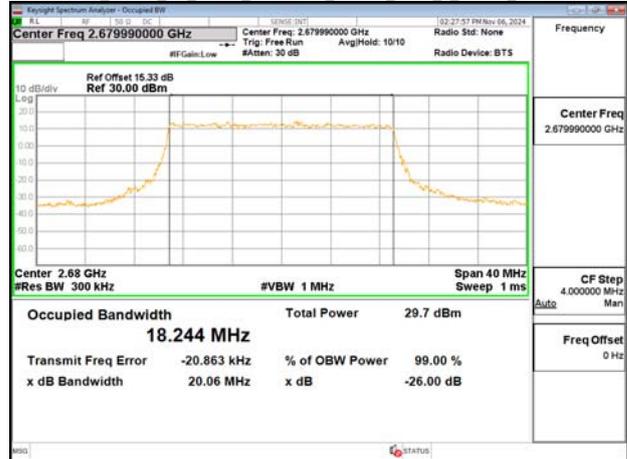
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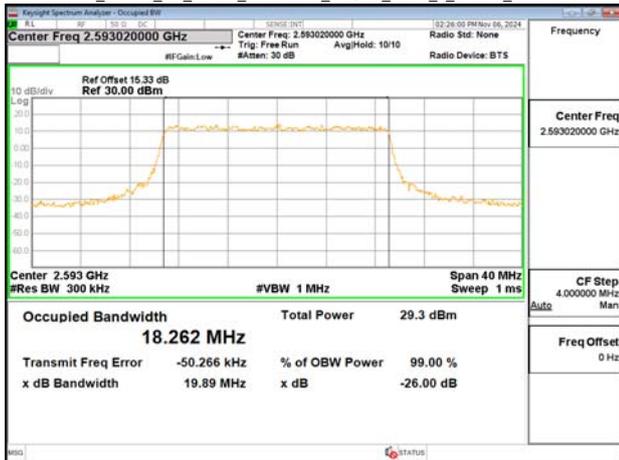
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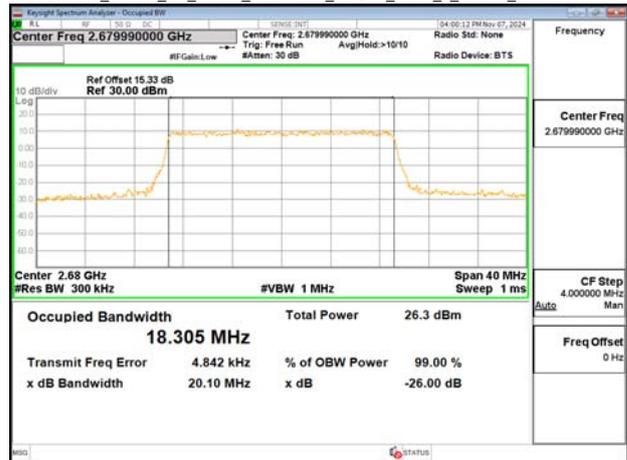
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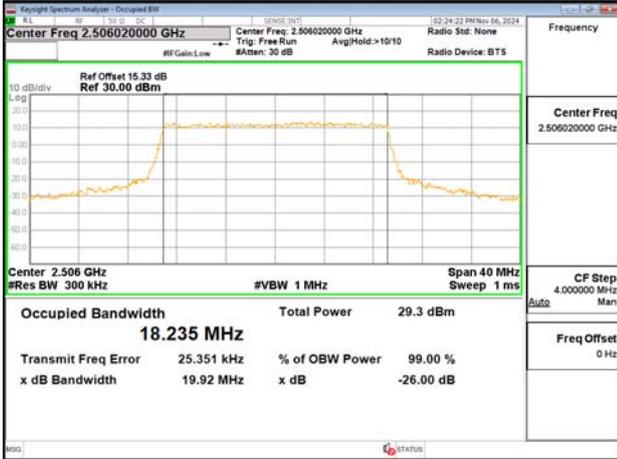


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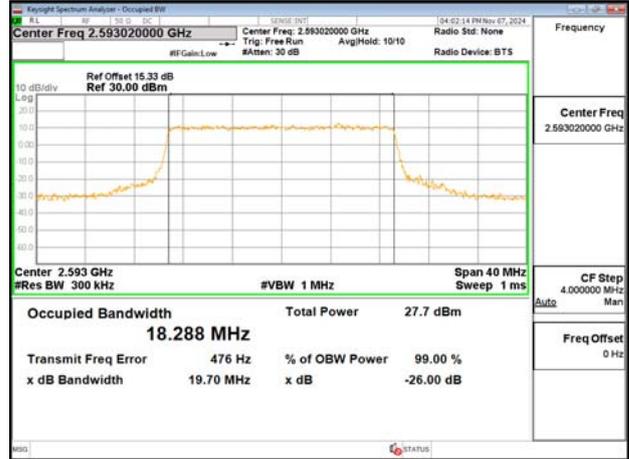
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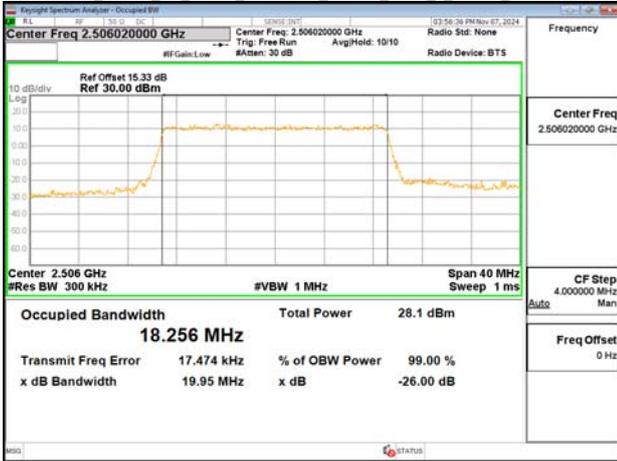
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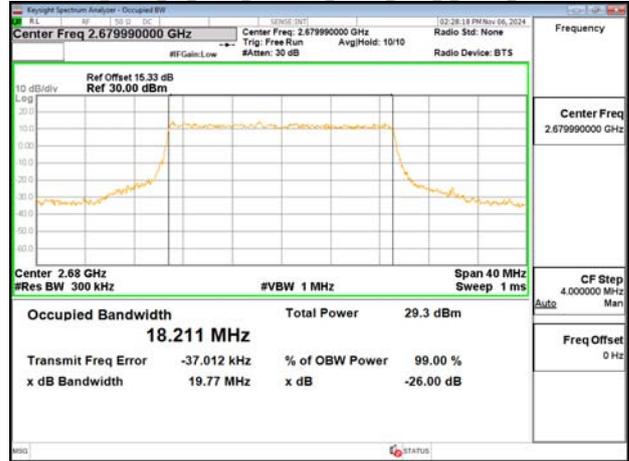
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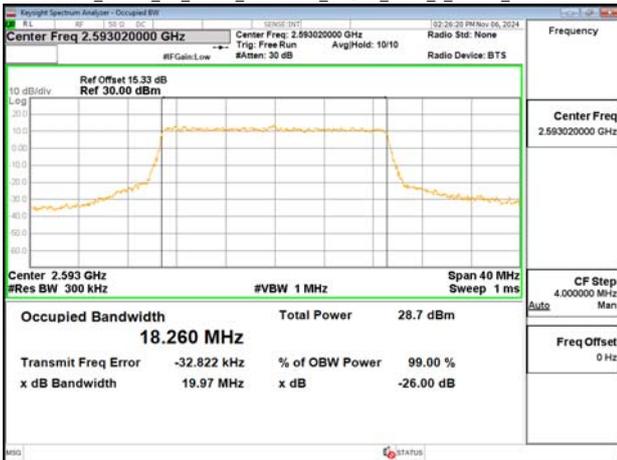
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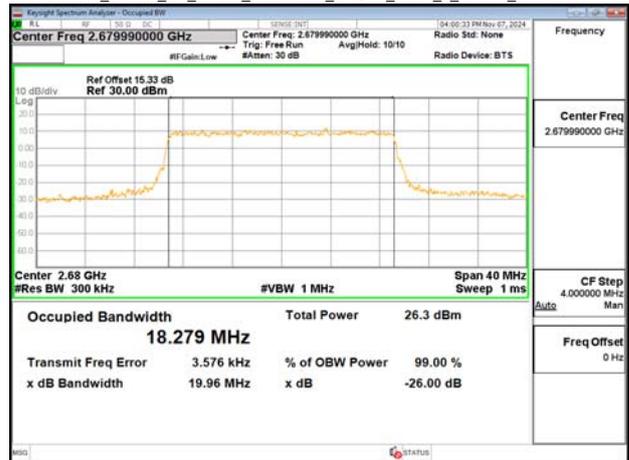
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Band41\_20MHz\_CP\_OFDM\_SCS30kHz\_64QAM\_RB51\_0\_Chain0\_CH518604



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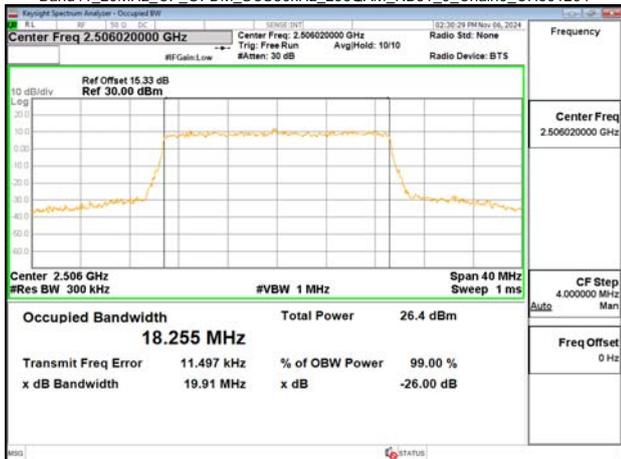


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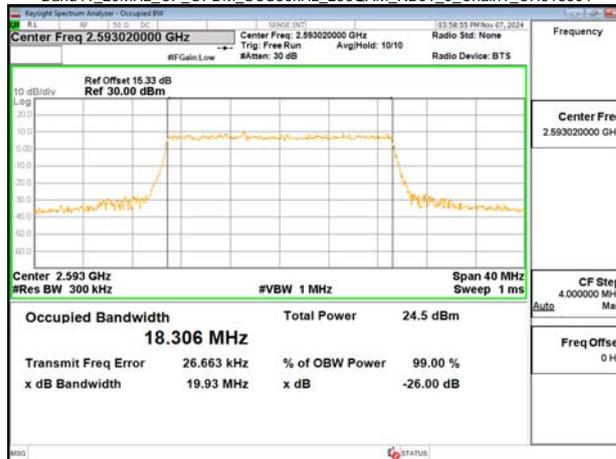
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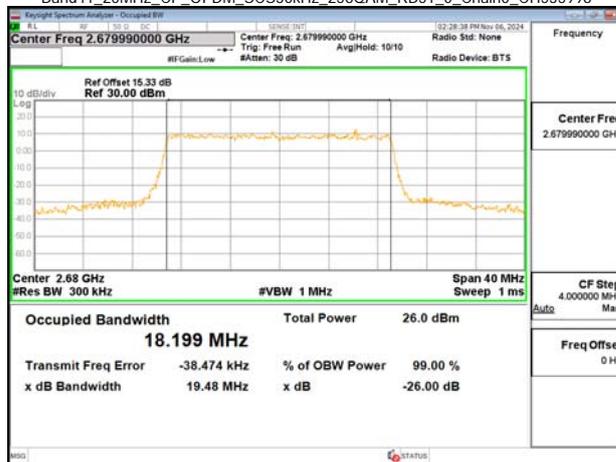
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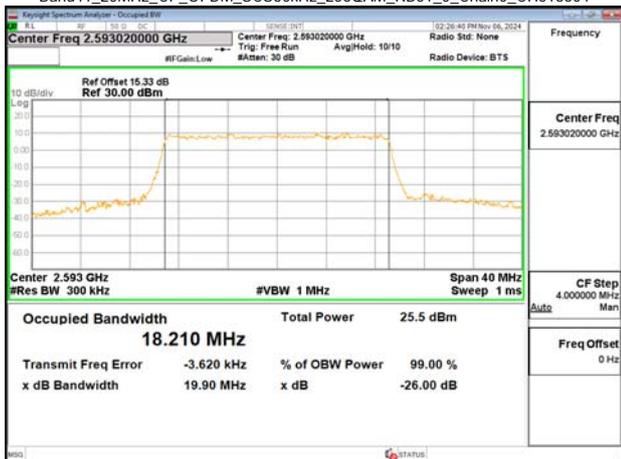
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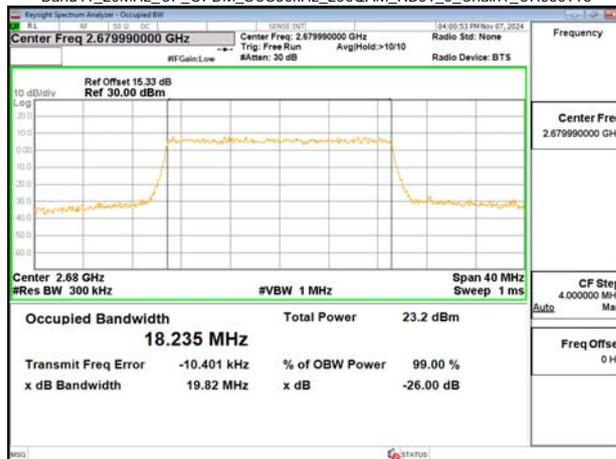
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Band41\_20MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB51\_0\_Chain0\_CH518604



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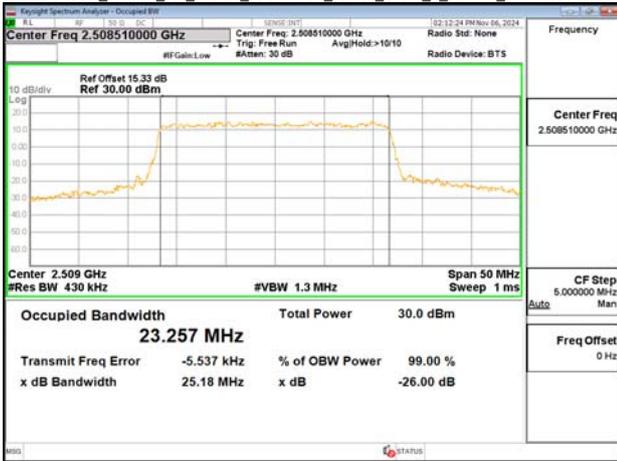


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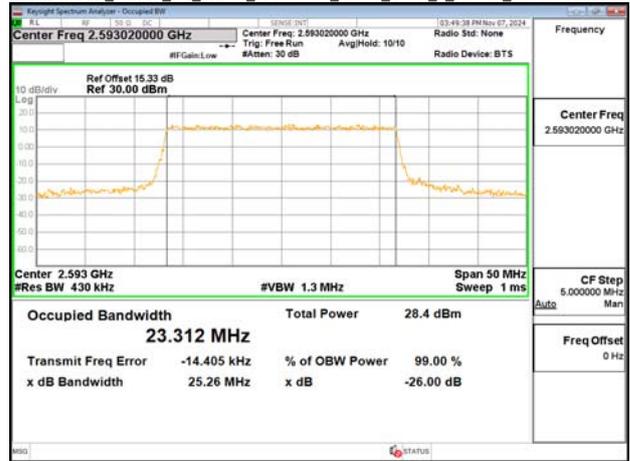
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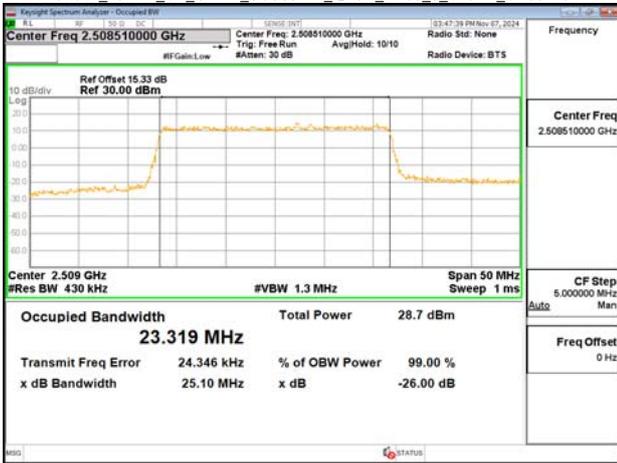
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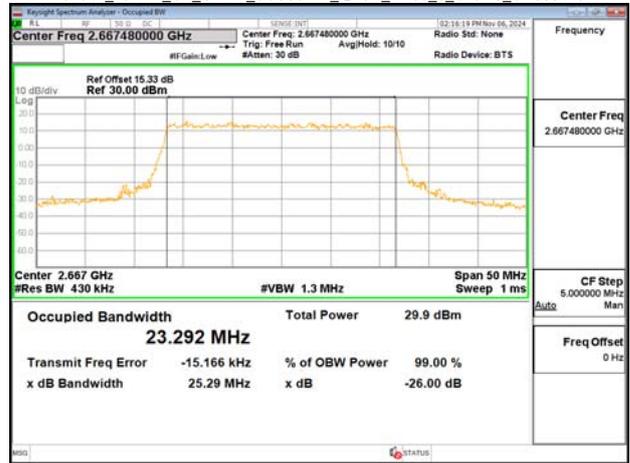
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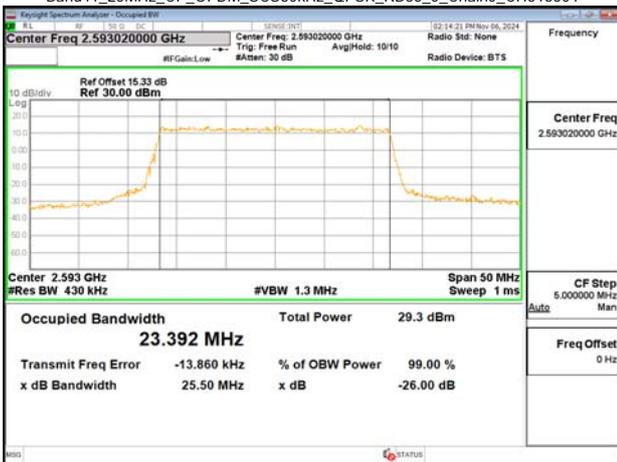
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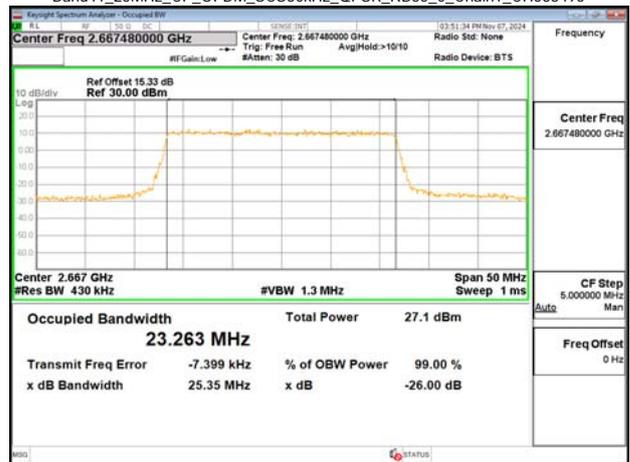
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Band41\_25MHz\_CP\_OFDM\_SCS30kHz\_OPK\_RB65\_0\_Chain0\_CH518604



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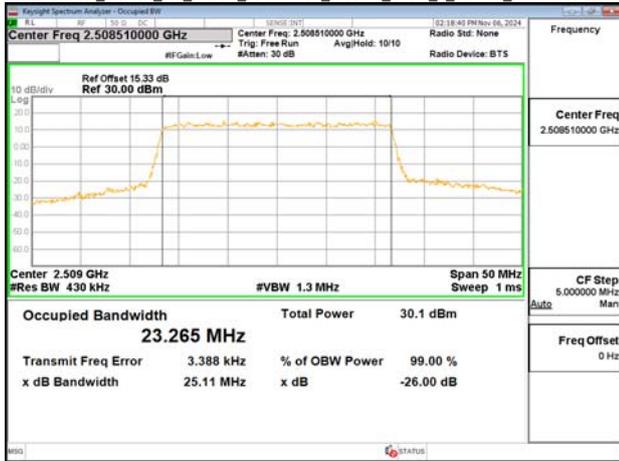


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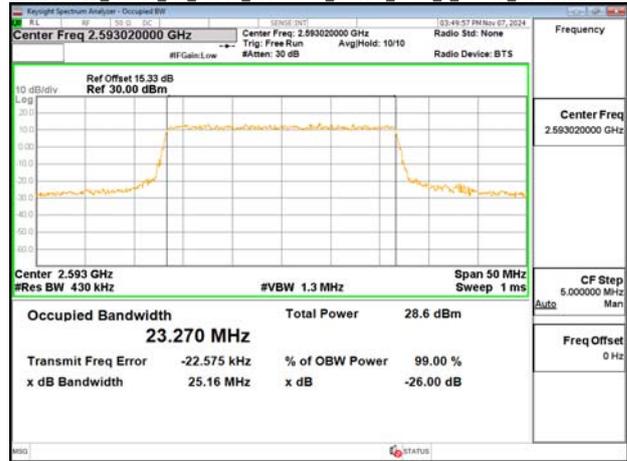
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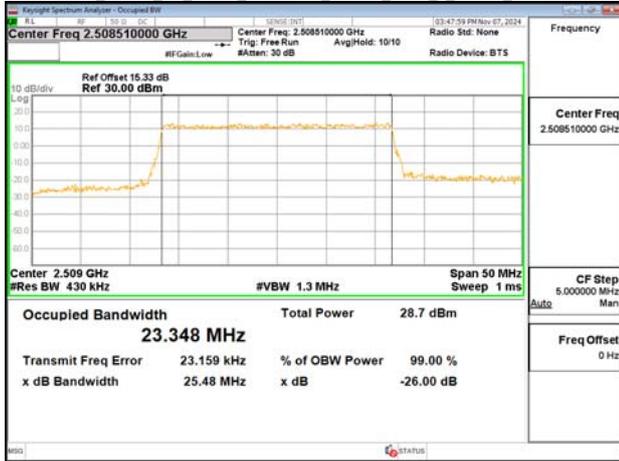
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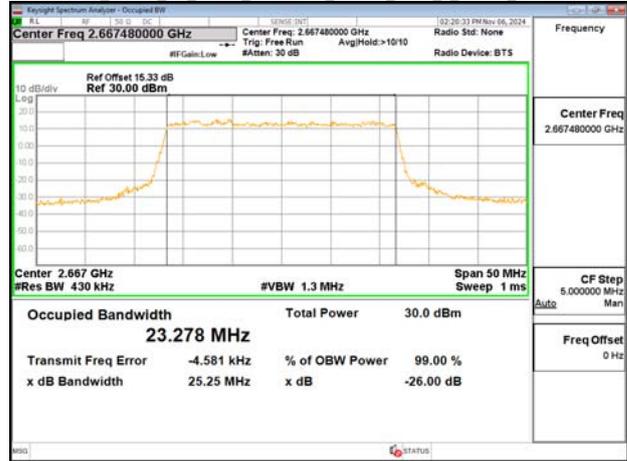
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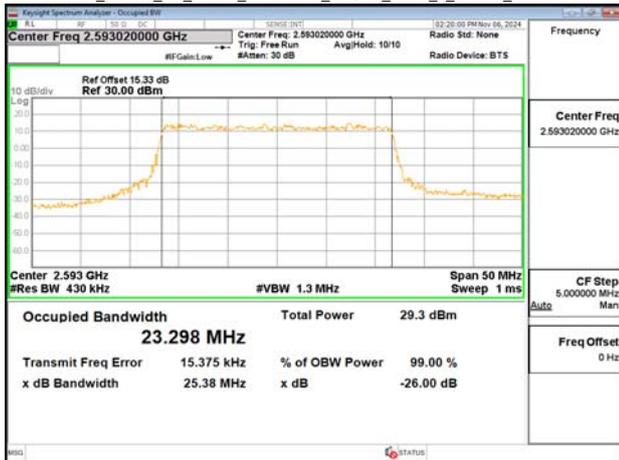
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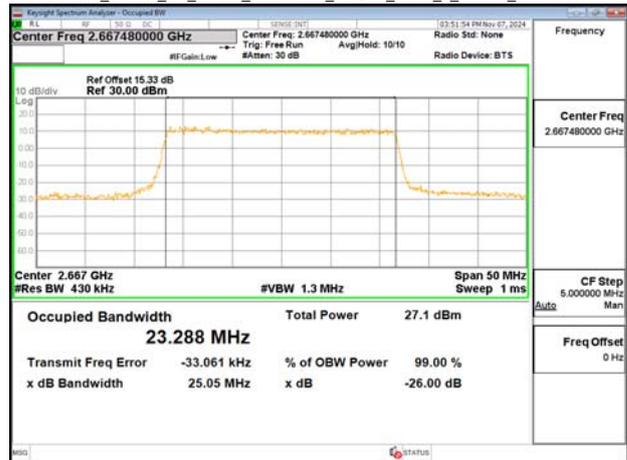
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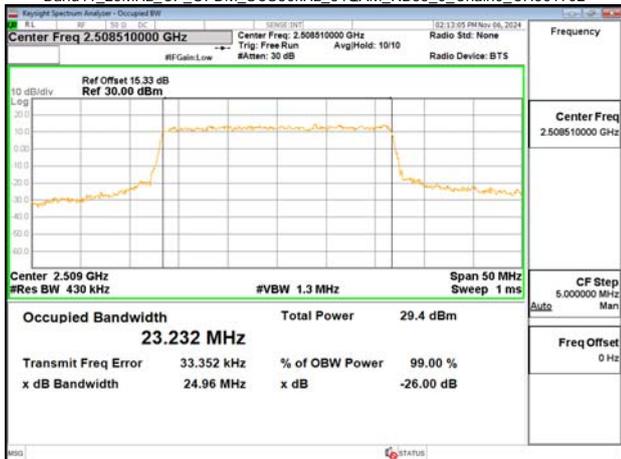


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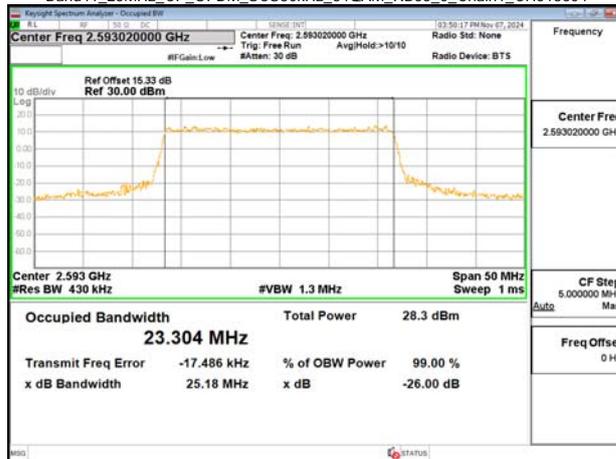
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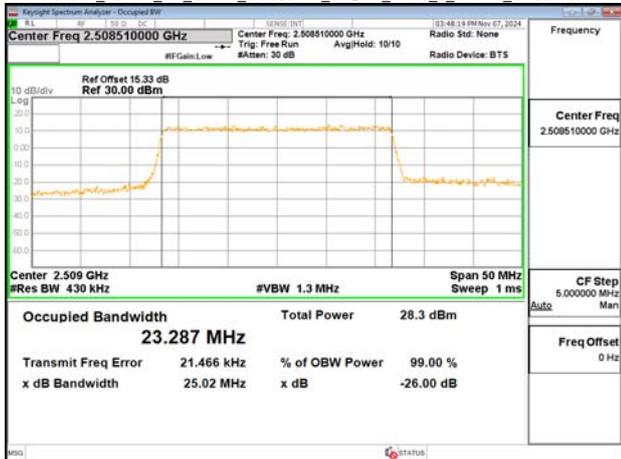
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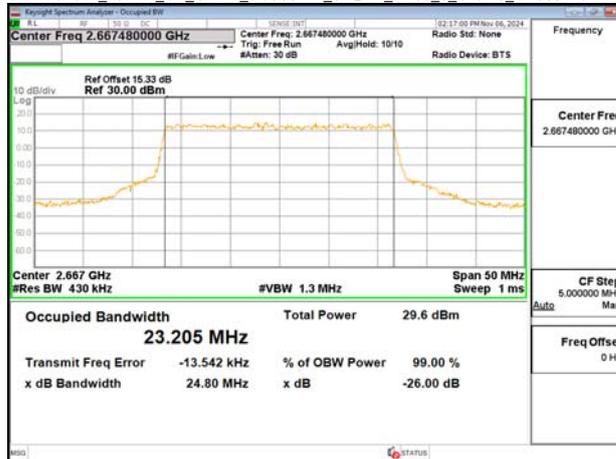
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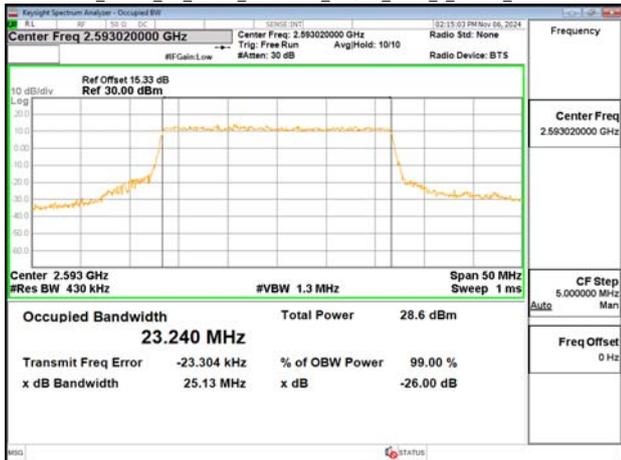
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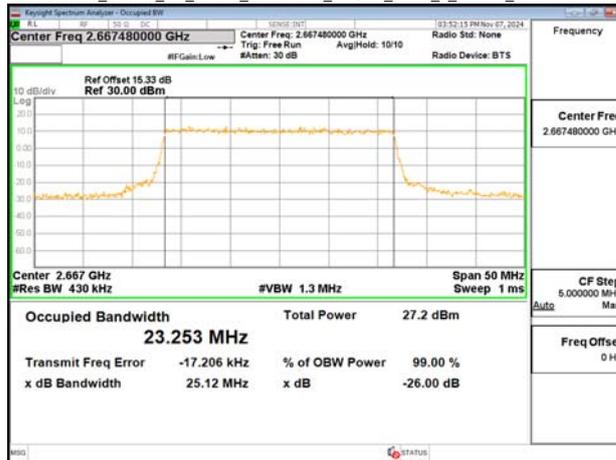
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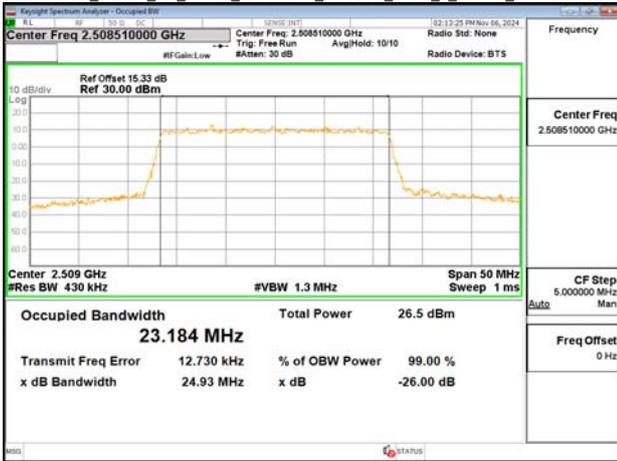


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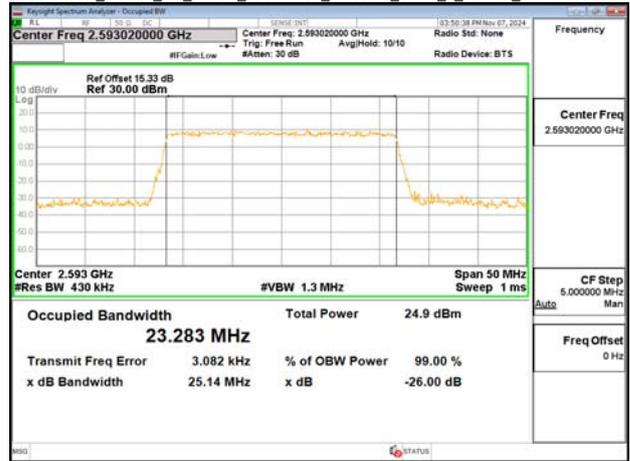
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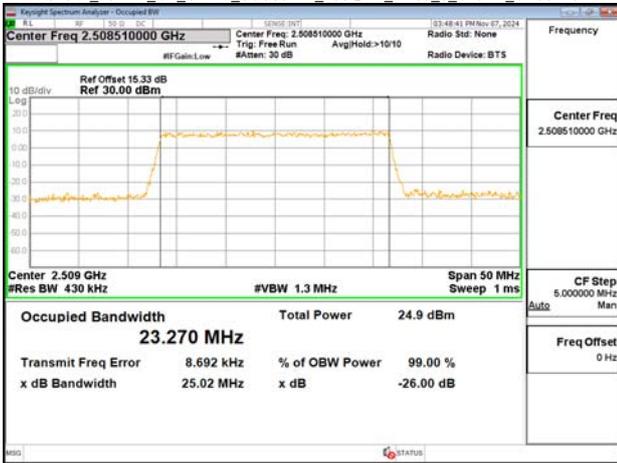
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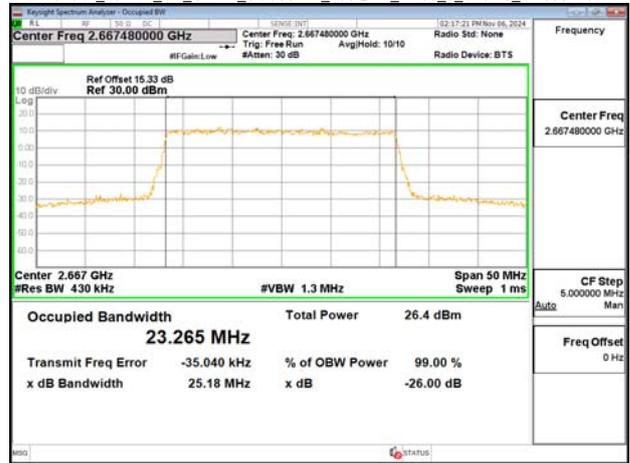
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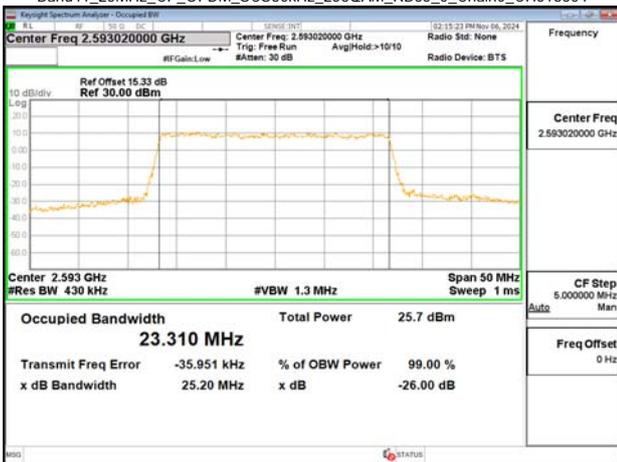
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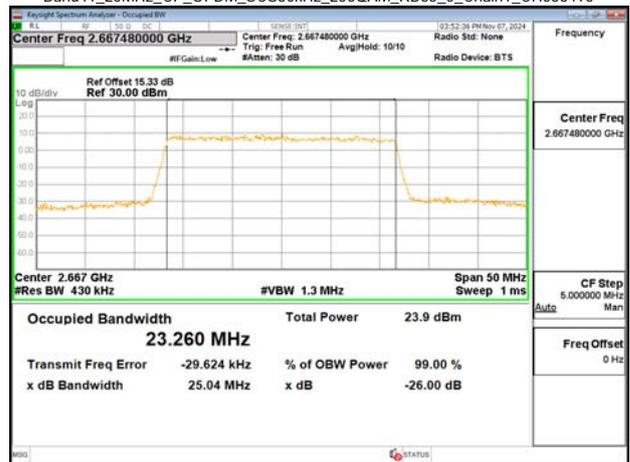
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Band41\_25MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB65\_0\_Chain1\_CH533496



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