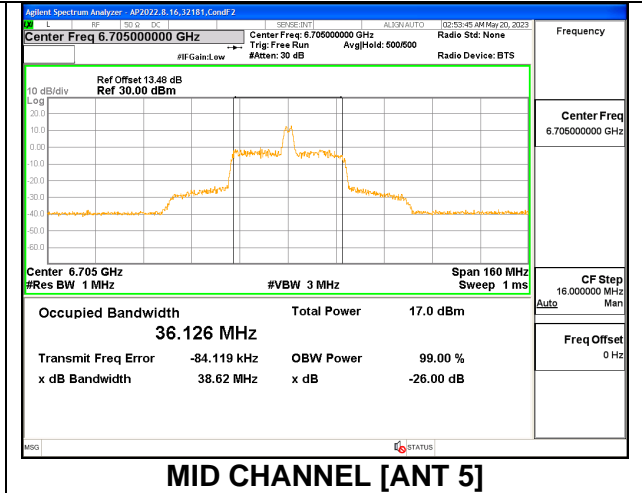
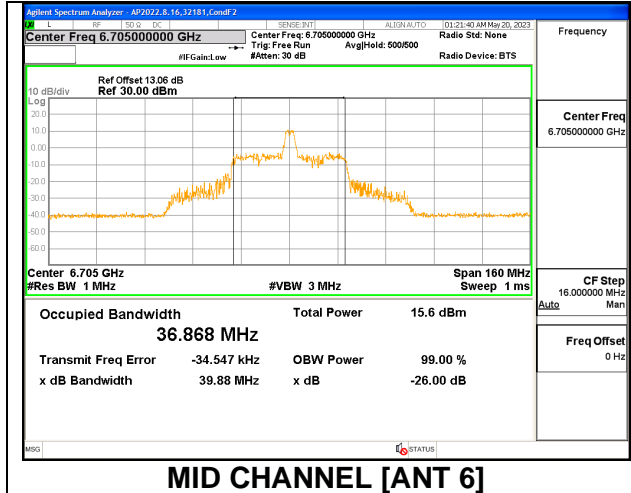


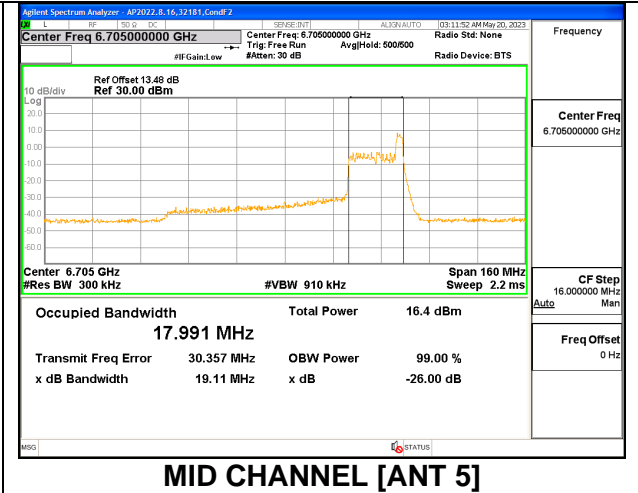
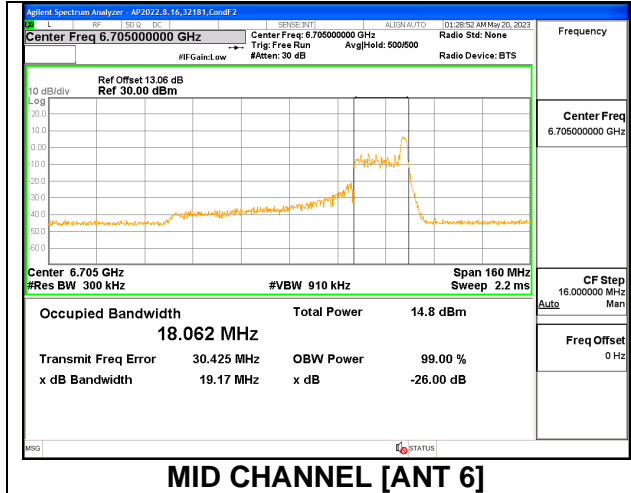
2TX Antenna 6 + Antenna 5 SDM MODE: 26 Tones, RU Index 18

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Straddle	6545	40.04	38.62	37.298	36.394
Mid	6705	39.88	38.62	36.868	36.126
Straddle	6865	39.10	38.69	36.335	36.535



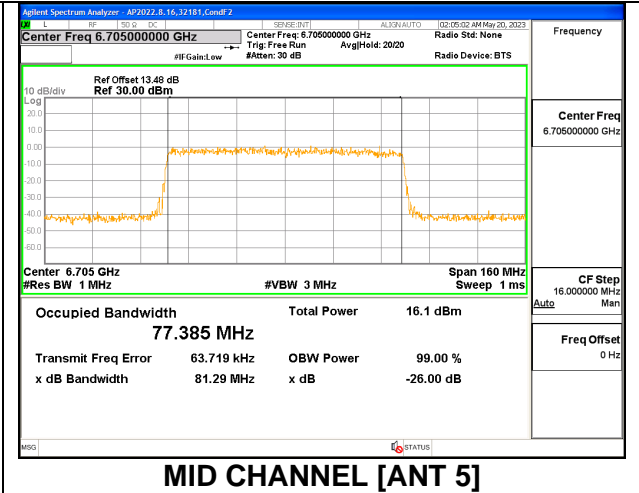
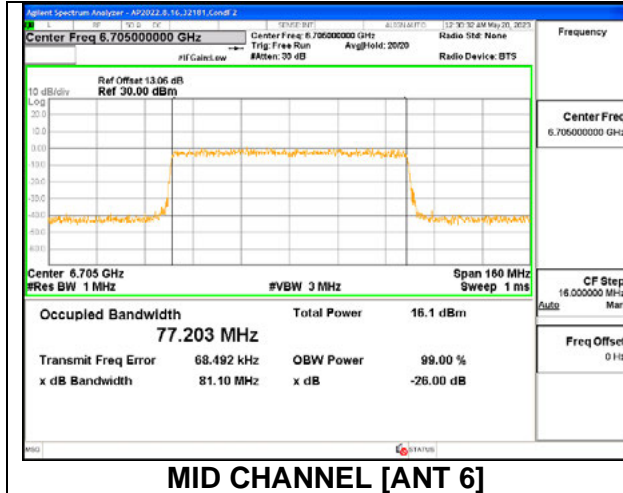
2TX Antenna 6 + Antenna 5 SDM MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Straddle	6545	19.37	19.28	18.220	18.014
Mid	6705	19.17	19.11	18.062	17.991
Straddle	6865	19.53	19.19	18.147	18.000



2TX Antenna 6 + Antenna 5 SDM MODE: SU Mode

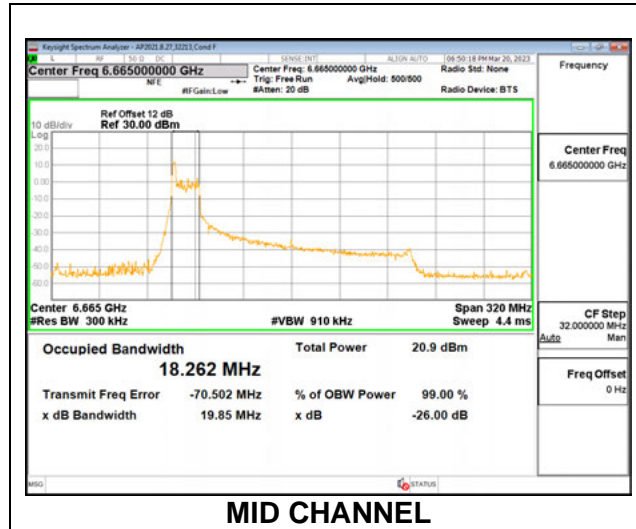
Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Straddle	6545	80.59	80.44	77.271	77.215
Mid	6705	81.10	81.29	77.203	77.385
Straddle	6865	80.35	80.56	77.276	77.177



9.2.12. 802.11ax HE160 MODE IN THE UNII-7 BAND

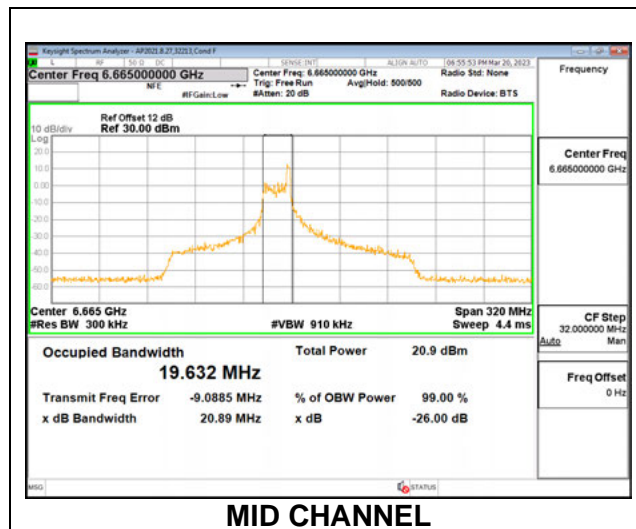
1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
MID	6665	19.85	18.262
175	6825	20.34	18.180



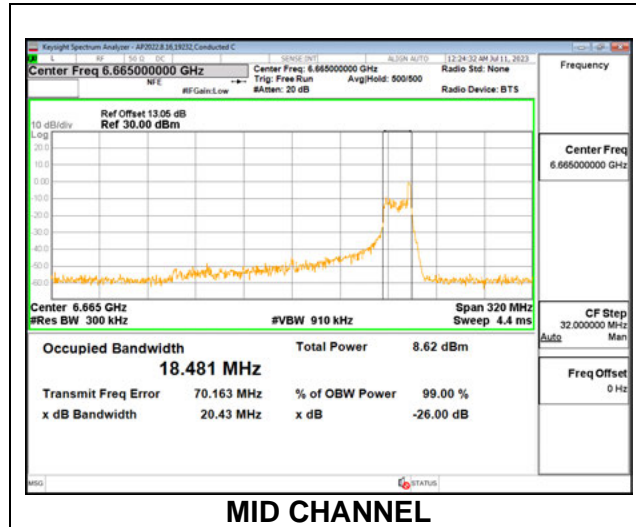
1TX Antenna 6 MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
MID	6665	20.89	19.632
175	6825	21.57	19.788



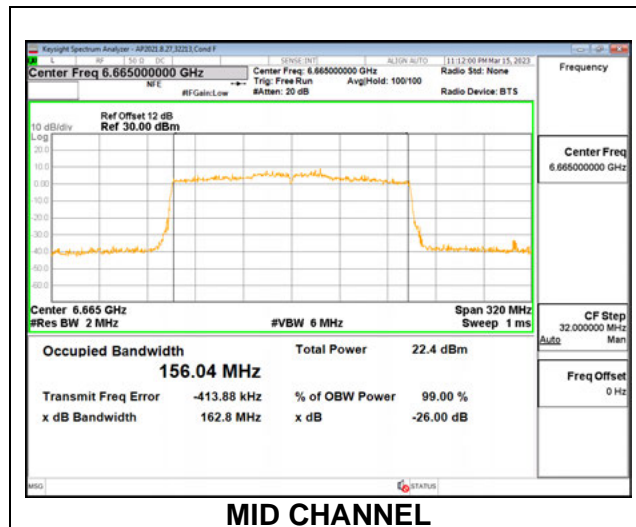
1TX Antenna 6 MODE: 26 Tones, RU Index S36

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
MID	6665	20.43	18.481
175	6825	19.99	18.460



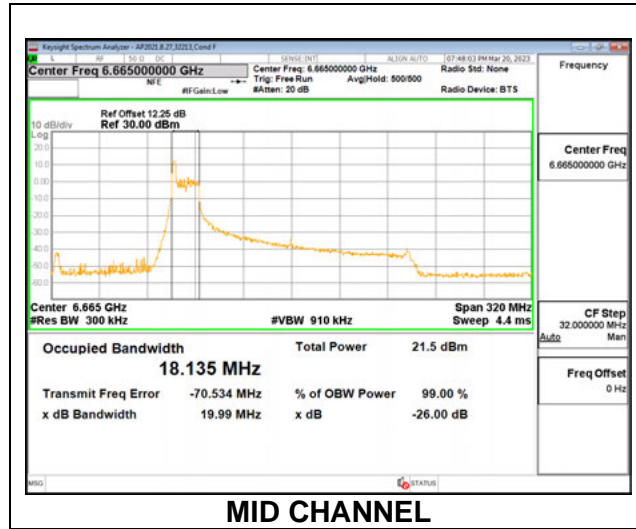
1TX Antenna 6 MODE: SU

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
MID	6665	162.8	156.04
175	6825	162.7	156.02



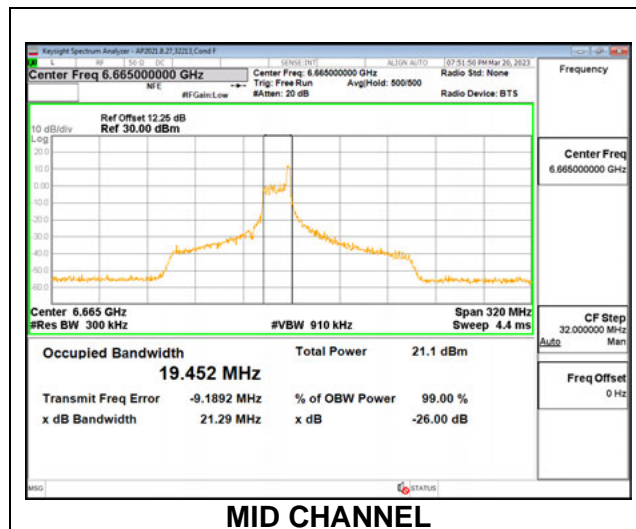
1TX Antenna 5 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
MID	6665	19.99	18.135
175	6825	19.73	18.186



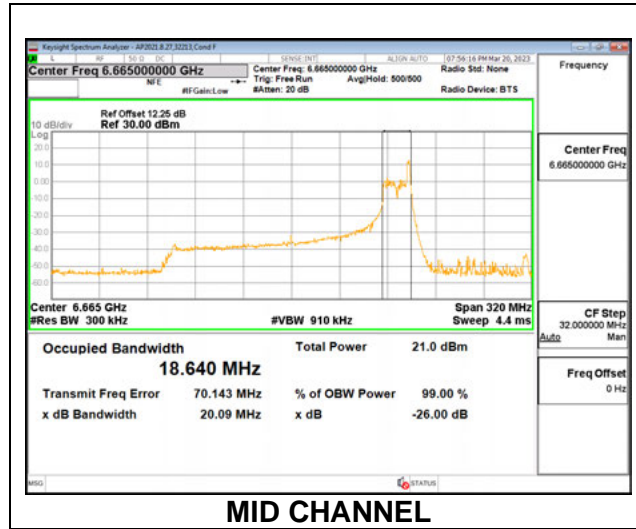
1TX Antenna 5 MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
MID	6665	21.29	19.452
175	6825	21.44	19.998



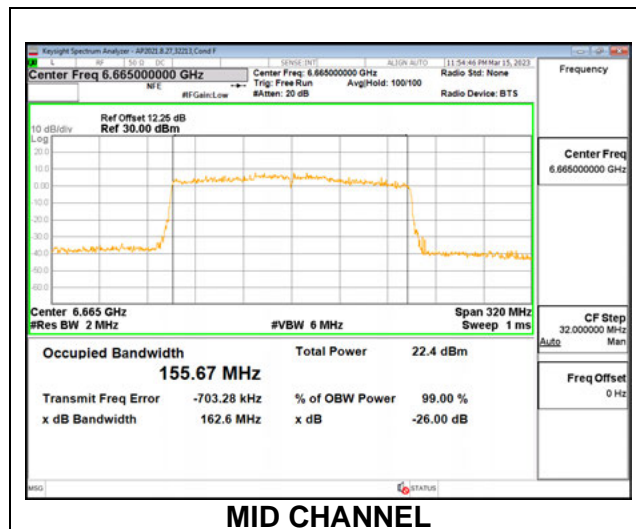
1TX Antenna 5 MODE: 26 Tones, RU Index S36

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
MID	6665	20.09	18.640
175	6825	20.07	18.416



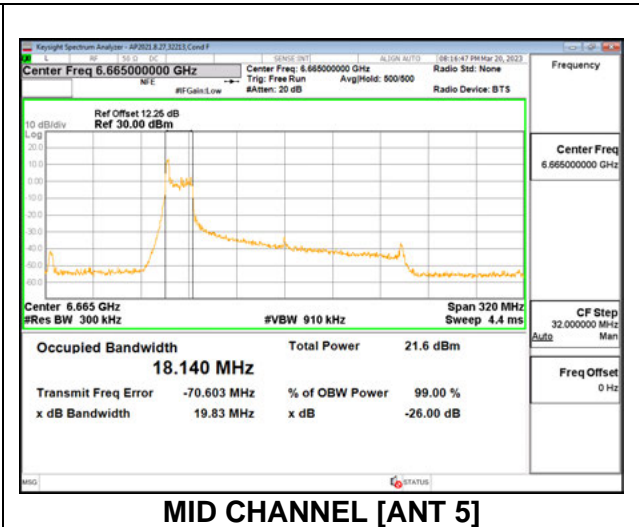
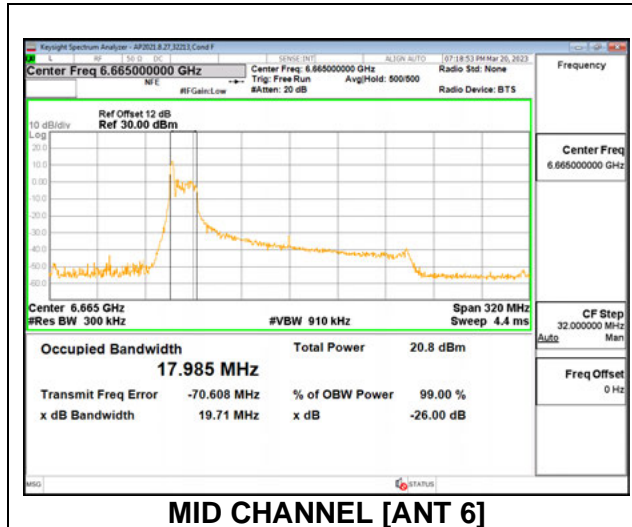
1TX Antenna 5 MODE: SU

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
MID	6665	162.6	155.67
175	6825	163.1	156.32



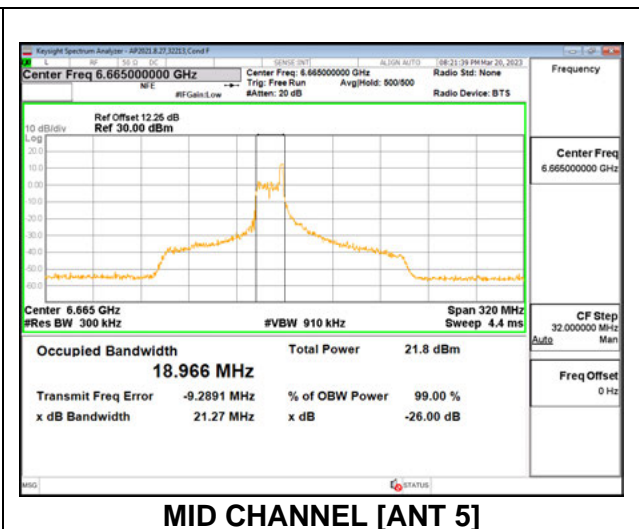
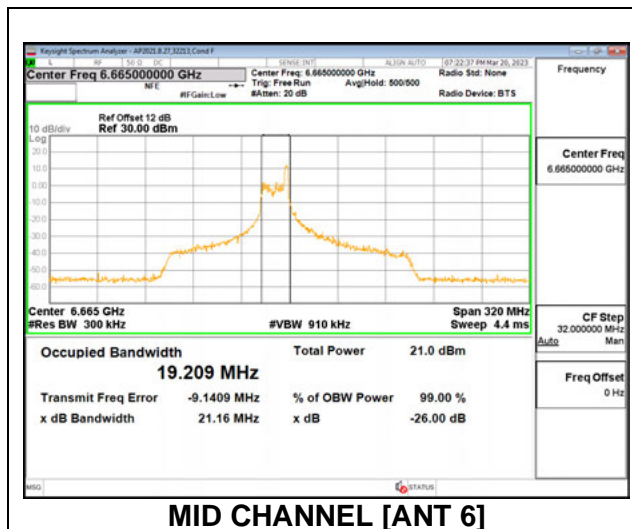
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 0

Channel	Frequency	26 dB Bandwidth Antenna 6	26 dB Bandwidth Antenna 5	99% Bandwidth Antenna 6	99% Bandwidth Antenna 5
	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)
Mid	6665	19.71	19.83	17.985	18.140
175	6825	22.50	20.08	20.271	18.174



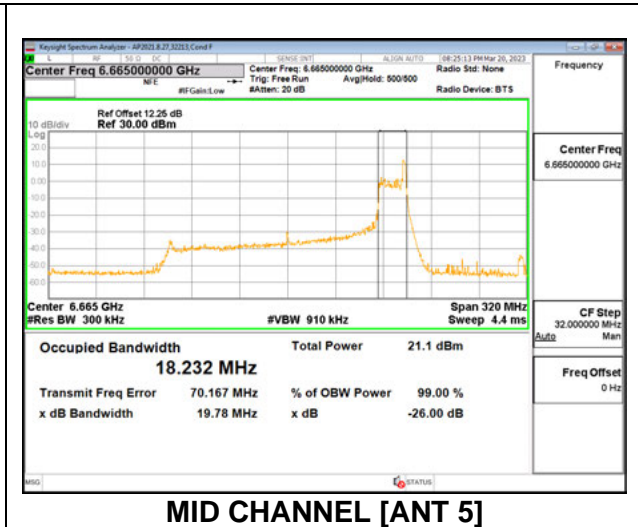
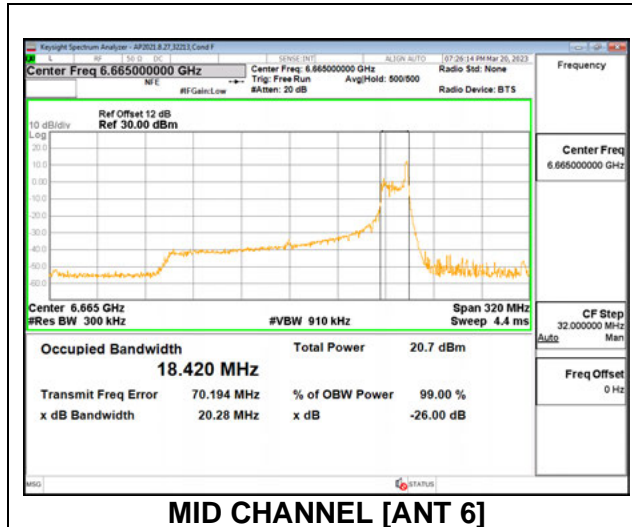
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 36

Channel	Frequency	26 dB Bandwidth Antenna 6	26 dB Bandwidth Antenna 5	99% Bandwidth Antenna 6	99% Bandwidth Antenna 5
	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)
Mid	6665	21.16	21.27	19.209	18.966
175	6825	21.19	20.96	19.679	19.116



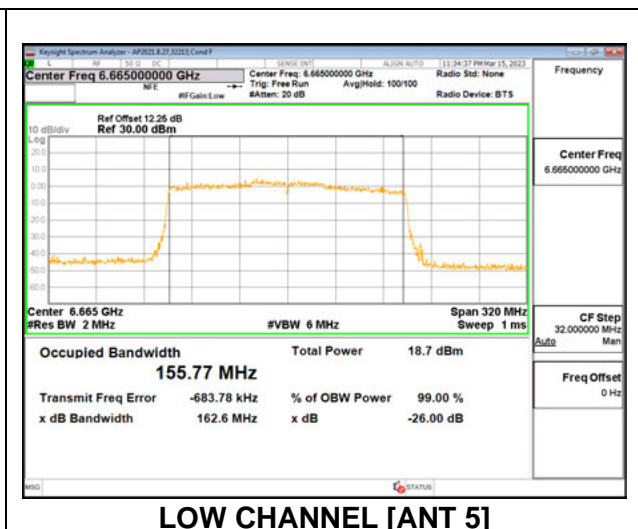
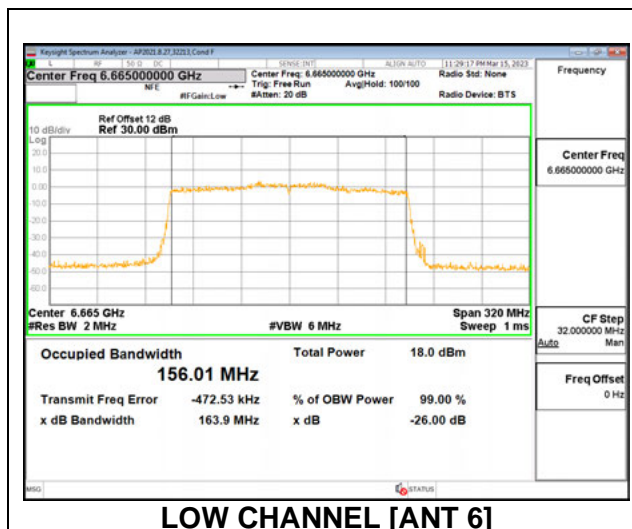
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index S36

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	6665	20.28	19.78	18.420	18.232
175	6825	20.05	19.94	18.439	18.310



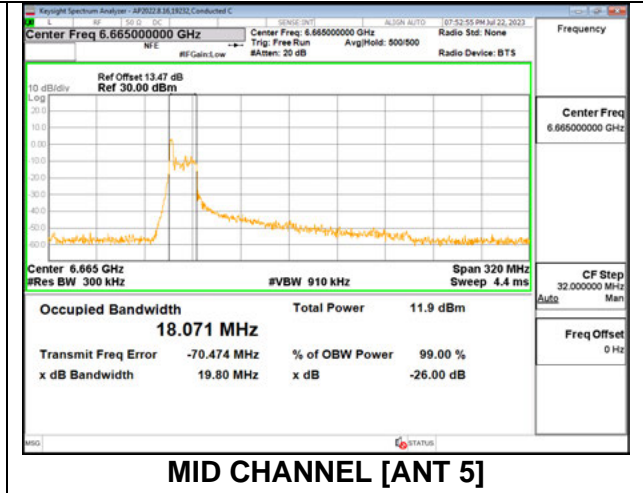
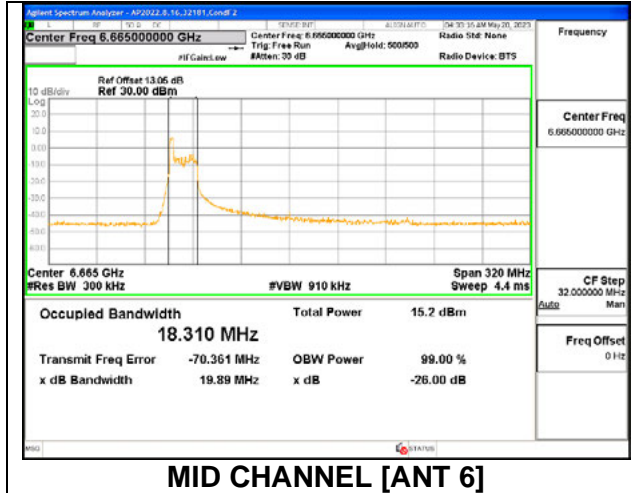
2TX Antenna 6 + Antenna 5 CDD MODE: SU

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	6665	163.9	162.6	156.01	155.77
175	6825	163.2	163.1	156.33	156.68



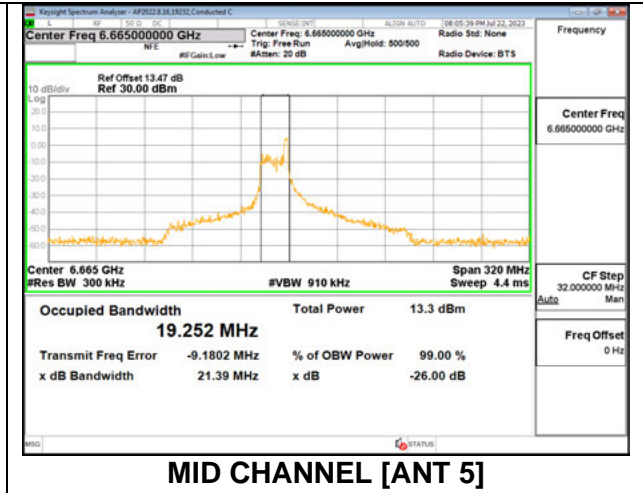
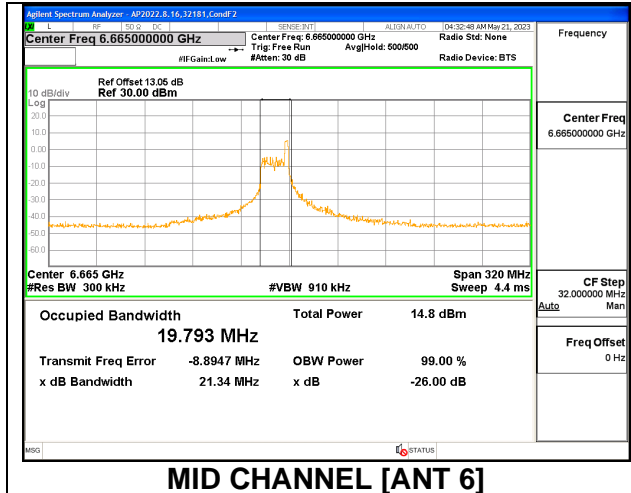
2TX Antenna 6 + Antenna 5 SDM MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	6665	19.89	19.80	18.3100	18.0710
Straddle	6825	20.04	19.98	18.1080	18.0330



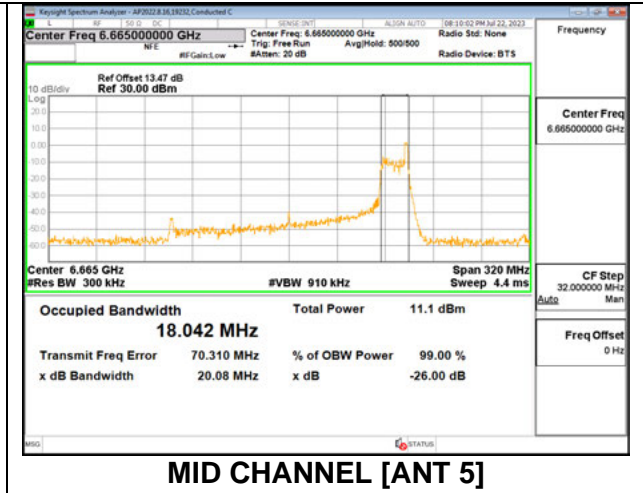
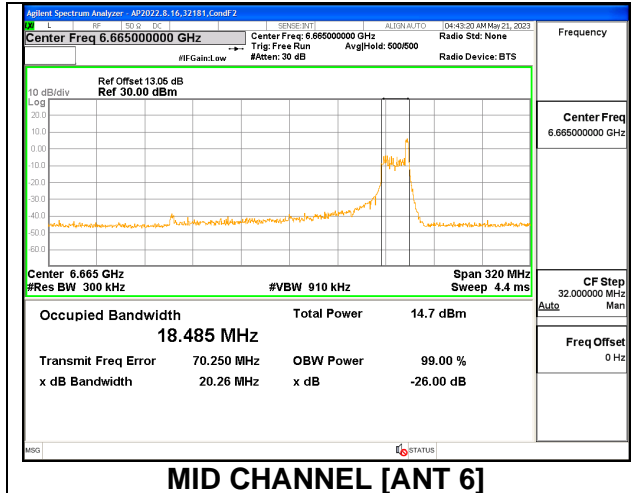
2TX Antenna 6 + Antenna 5 SDM MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	6665	21.34	21.39	19.7930	19.2520
Straddle	6825	21.81	20.28	19.3680	18.9960



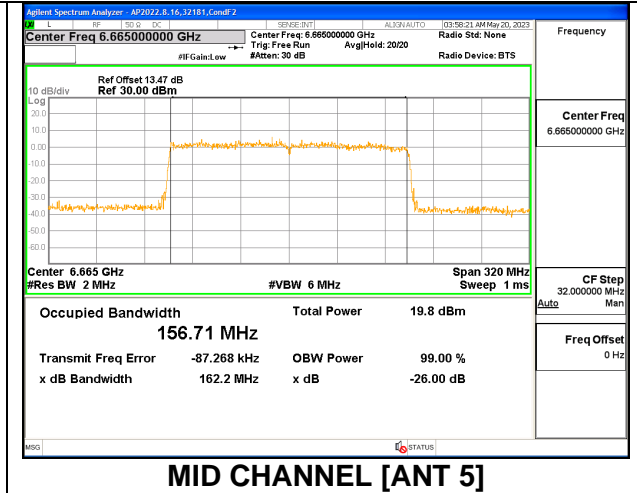
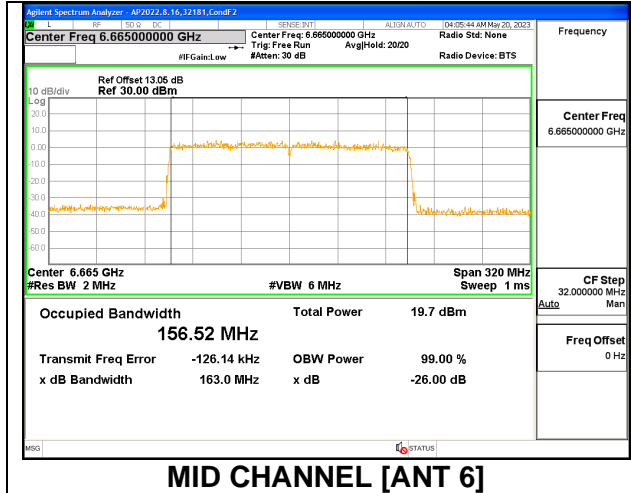
2TX Antenna 6 + Antenna 5 SDM MODE: 26 Tones, RU Index S36

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	6665	20.26	20.08	18.485	18.042
Straddle	6825	19.94	19.22	18.305	17.648



2TX Antenna 6 + Antenna 5 SDM MODE: SU Mode

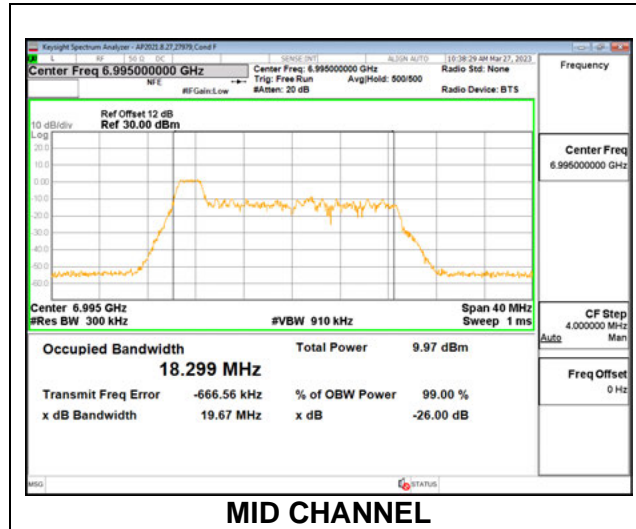
Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	6665	163.00	162.20	156.52	156.71
Straddle	6825	163.70	162.70	156.49	156.67



9.2.13. 802.11ax HE20 MODE IN THE UNII-8 BAND

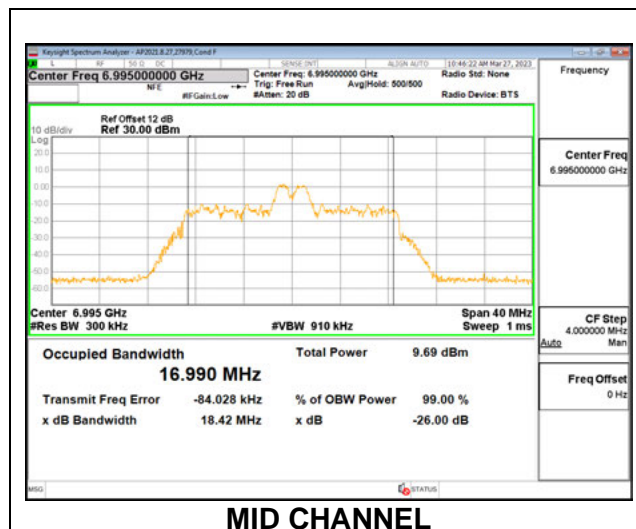
1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	6895	19.72	18.175
Mid	6995	19.67	18.299
High	7095	19.27	18.4110



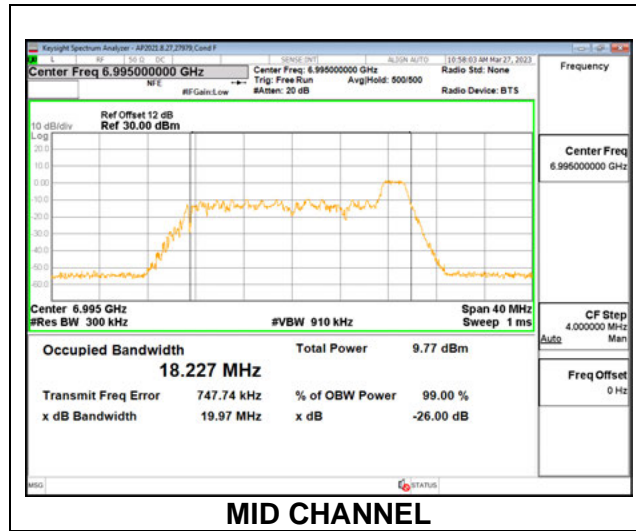
1TX Antenna 6 MODE: 26 Tones, RU Index 4

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	6895	18.47	16.861
Mid	6995	18.42	16.990
High	7095	17.68	16.832



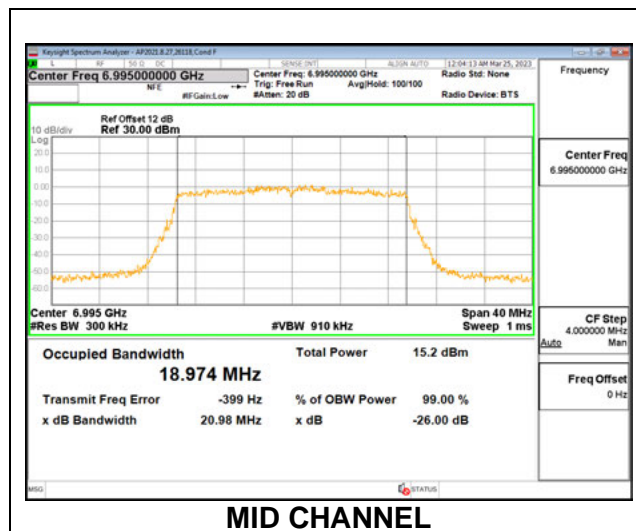
1TX Antenna 6 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	6895	20.17	18.295
Mid	6995	19.97	18.227
High	7095	19.06	18.357



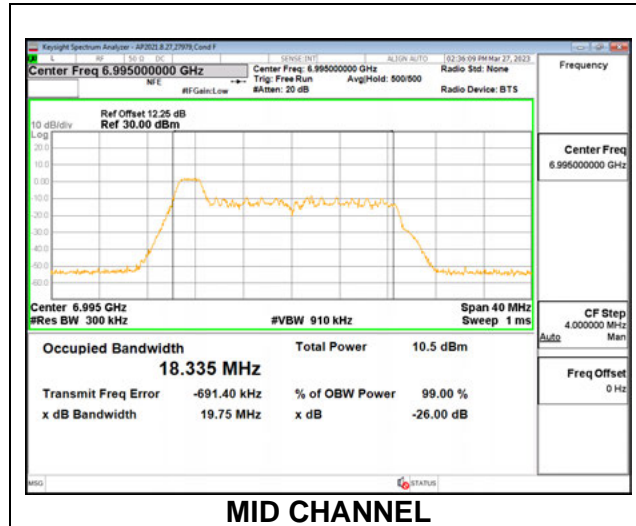
1TX Antenna 6 MODE: SU

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	6895	20.79	18.918
Mid	6995	20.98	18.974
High	7095	19.86	18.907
233	7115	20.82	18.987



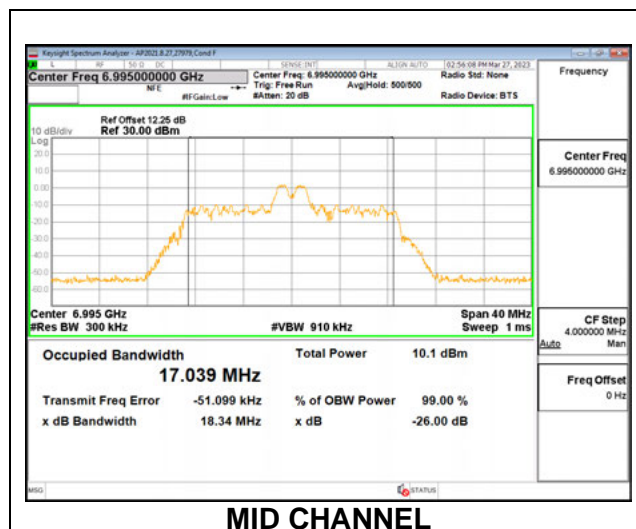
1TX Antenna 5 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	6895	19.72	18.175
Mid	6995	19.75	18.335
High	7095	19.11	18.335



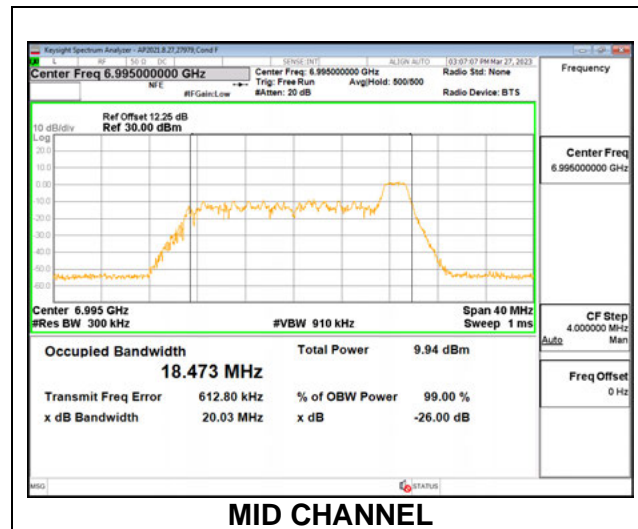
1TX Antenna 5 MODE: 26 Tones, RU Index 4

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	6895	18.47	16.861
Mid	6995	18.34	17.039
High	7095	17.78	16.983



1TX Antenna 5 MODE: 26 Tones, RU Index 8

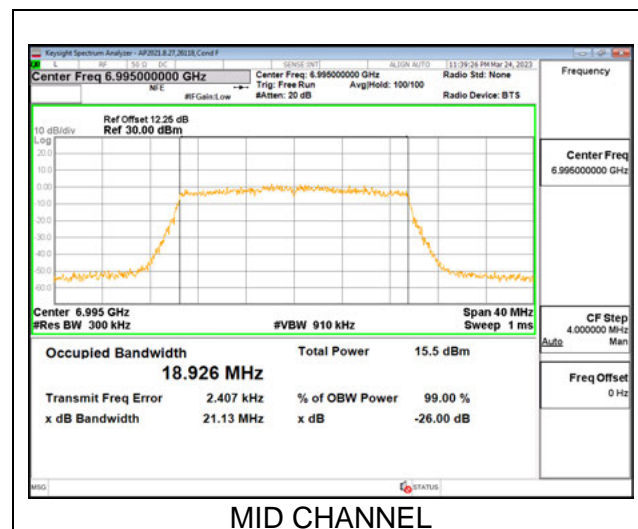
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	6895	20.17	18.295
Mid	6995	20.03	18.473
High	7115	19.17	18.362



MID CHANNEL

1TX Antenna 5 MODE: SU

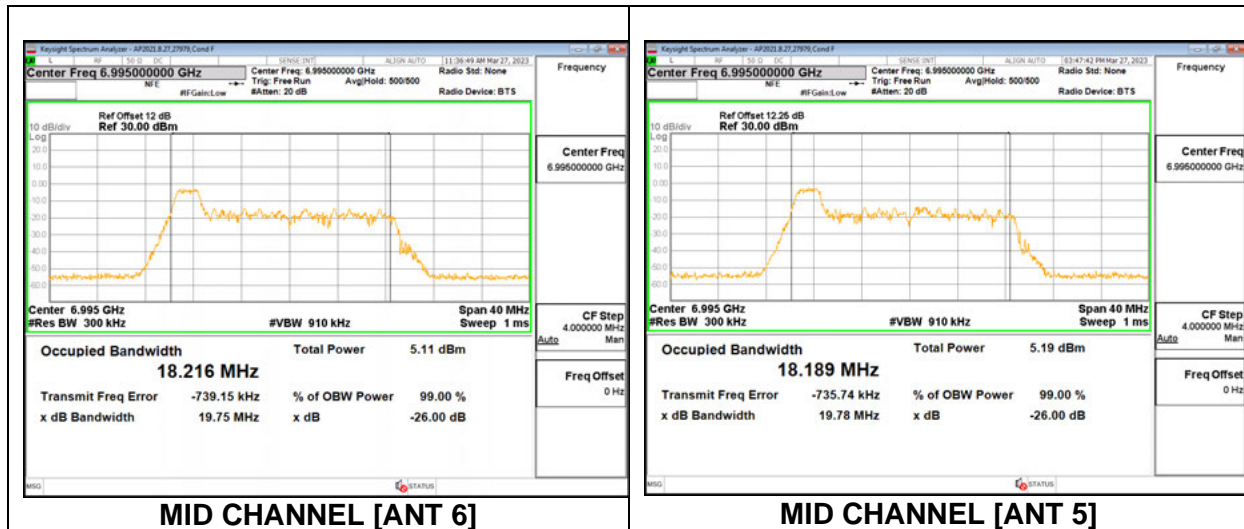
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	6895	20.79	18.918
Mid	6995	21.13	18.926
High	7095	19.80	18.922
233	7115	20.96	18.944



MID CHANNEL

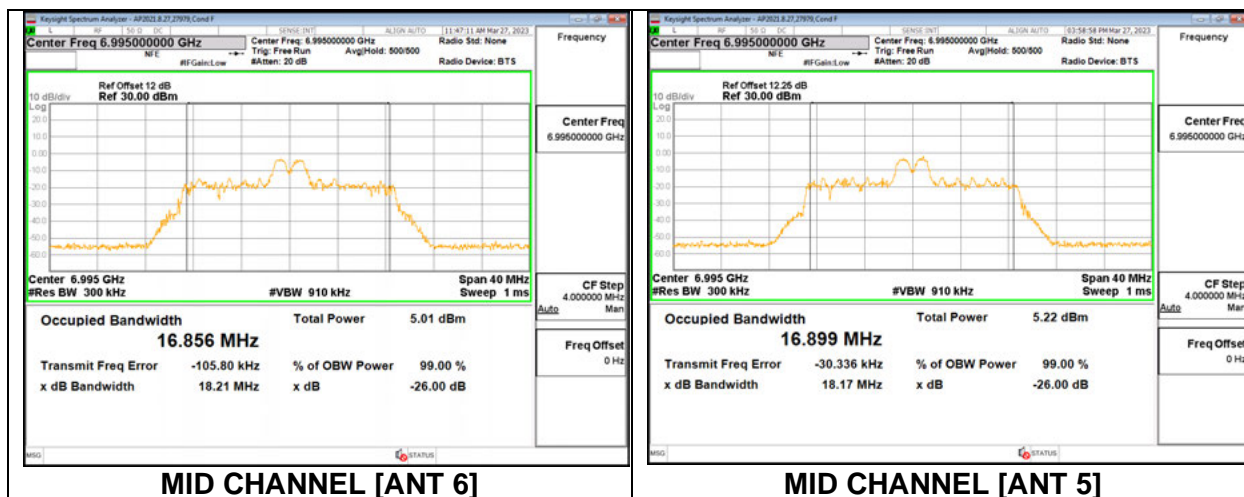
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	6895	19.70	19.56	18.249	18.156
Mid	6995	19.75	19.78	18.216	18.189
High	7095	19.18	19.12	18.305	18.138



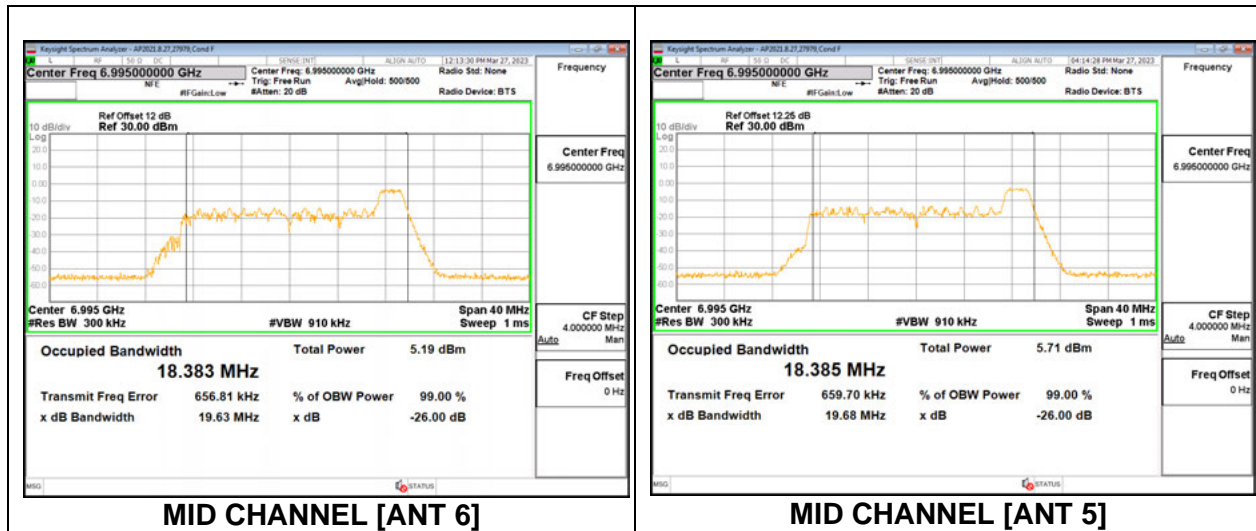
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 4

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	6895	18.50	18.07	16.990	16.871
Mid	6995	18.21	18.17	16.856	16.899
High	7095	17.85	17.62	16.830	16.856



2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	6895	19.56	19.50	18.364	18.058
Mid	6995	19.63	19.68	18.383	18.385
High	7095	19.27	19.04	18.519	18.323



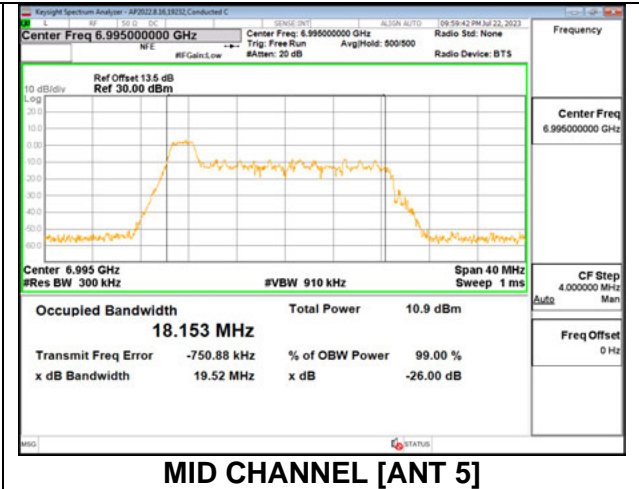
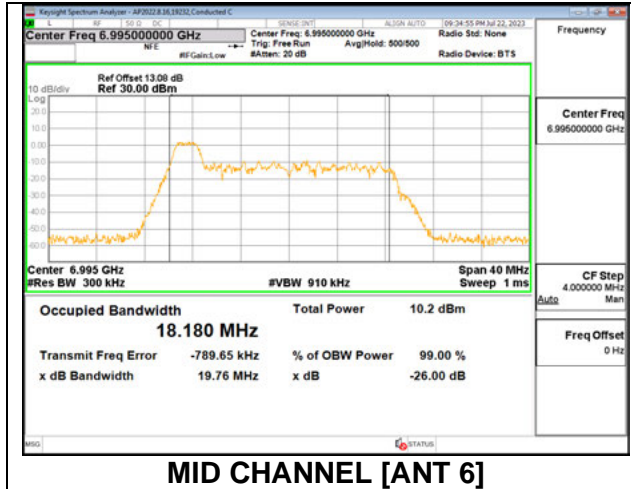
2TX Antenna 6 + Antenna 5 CDD MODE: SU

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	6895	20.62	20.95	18.919	18.927
Mid	6995	20.77	20.93	18.953	18.969
High	7095	19.85	19.78	18.900	18.896
233	7115	20.49	20.62	18.959	18.935



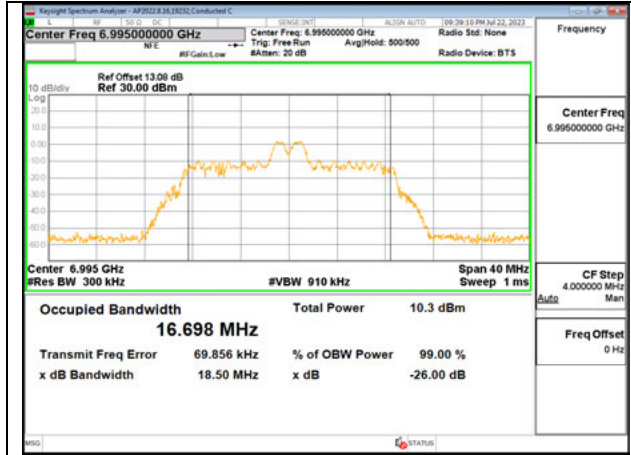
2TX Antenna 6 + Antenna 5 SDM MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	6895	19.64	19.67	18.125	18.198
Mid	6995	19.76	19.52	18.180	18.153
High	7095	19.90	19.66	18.118	18.161

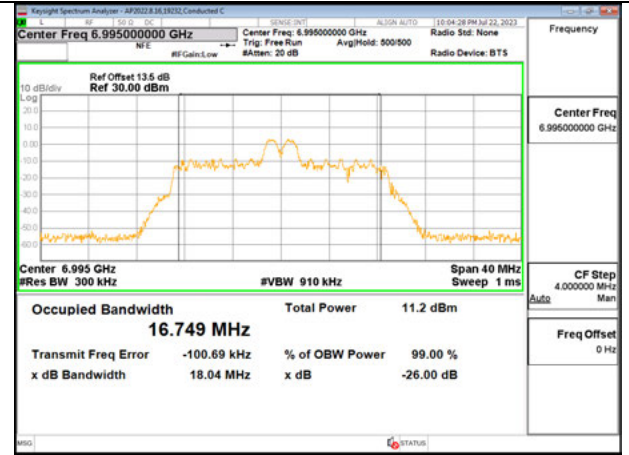


2TX Antenna 6 + Antenna 5 SDM MODE: 26 Tones, RU Index 4

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	6895	18.27	18.03	16.950	16.753
Mid	6995	18.50	18.04	16.698	16.749
High	7095	18.61	18.07	17.014	16.876



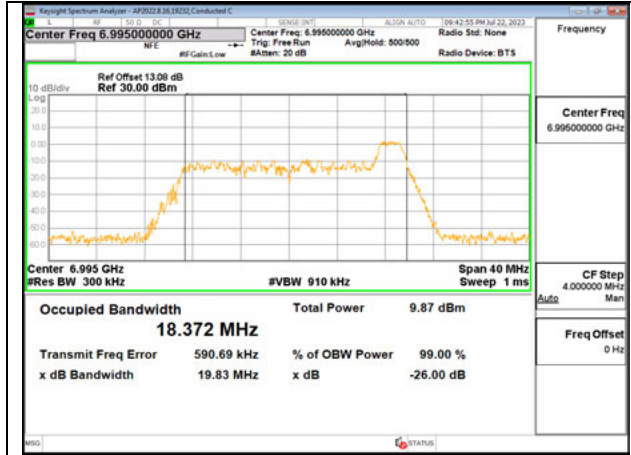
MID CHANNEL [ANT 6]



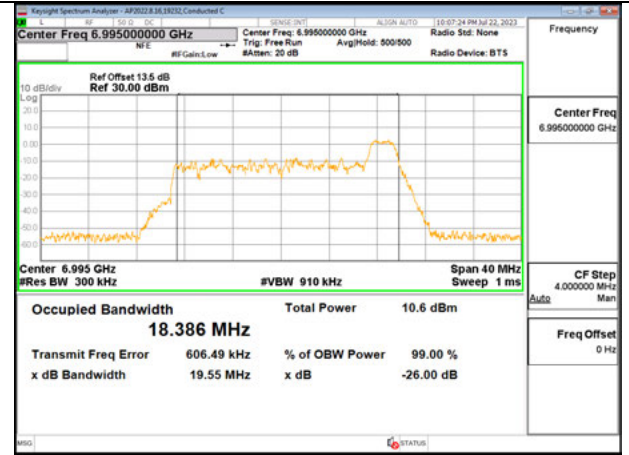
MID CHANNEL [ANT 5]

2TX Antenna 6 + Antenna 5 SDM MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	6895	20.00	19.57	18.382	18.206
Mid	6995	19.83	19.55	18.372	18.386
High	7095	20.10	9.55	18.388	18.315



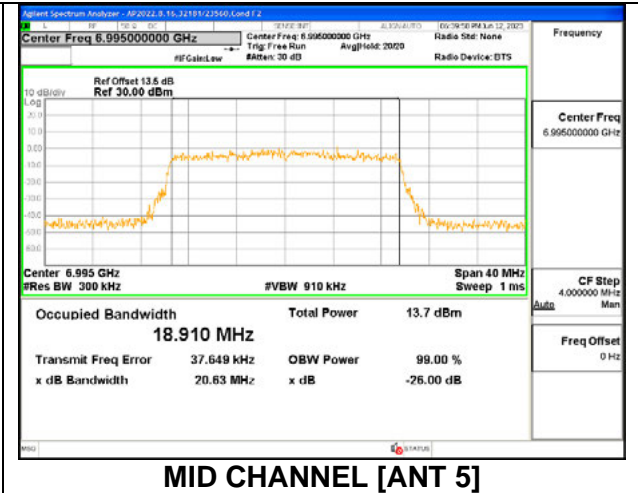
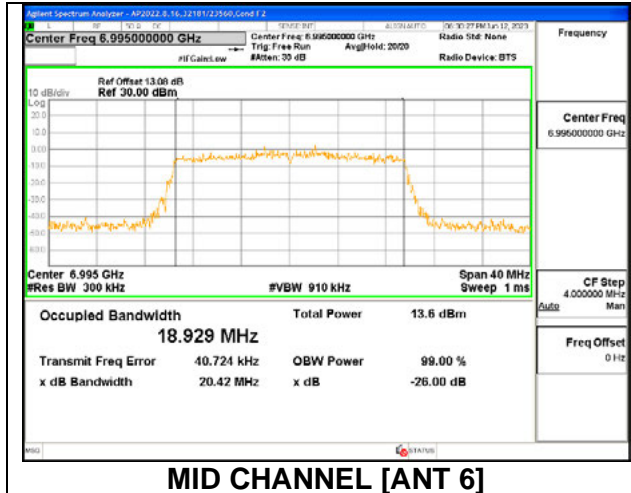
MID CHANNEL [ANT 6]



MID CHANNEL [ANT 5]

2TX Antenna 6 + Antenna 5 SDM MODE: SU Mode

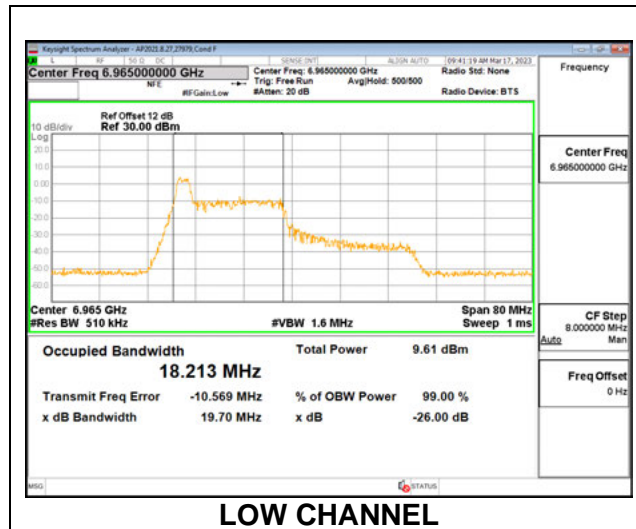
Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	6895	20.71	20.87	18.910	18.994
Mid	6995	20.42	20.63	18.929	18.910
High	7095	21.11	20.26	18.957	18.946
233	7115	20.88	20.82	18.892	18.984



9.2.14. 802.11ax HE40 MODE IN THE UNII-8 BAND

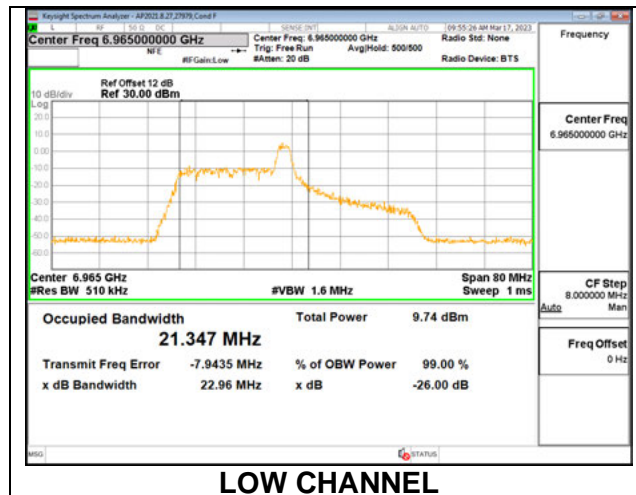
1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
187	6885	24.22	21.669
Low	6965	19.70	18.213
High	7085	19.94	18.404



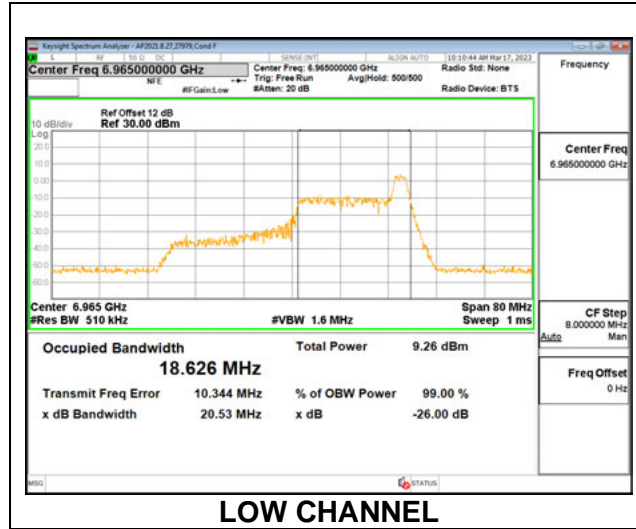
1TX Antenna 6 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
187	6885	24.22	21.669
Low	6965	22.96	21.347
High	7085	23.62	21.522



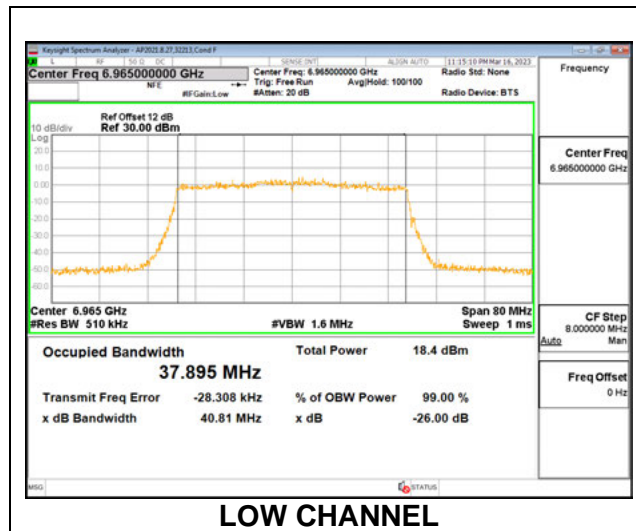
1TX Antenna 6 MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
187	6885	20.00	18.529
Low	6965	20.53	18.626
High	7085	20.38	18.757



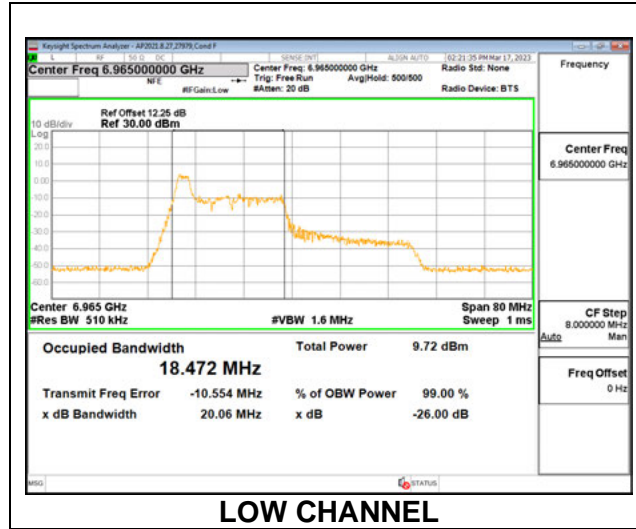
1TX Antenna 6 MODE: SU

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
187	6885	40.98	37.726
Low	6965	40.81	37.895
High	7085	40.69	37.772



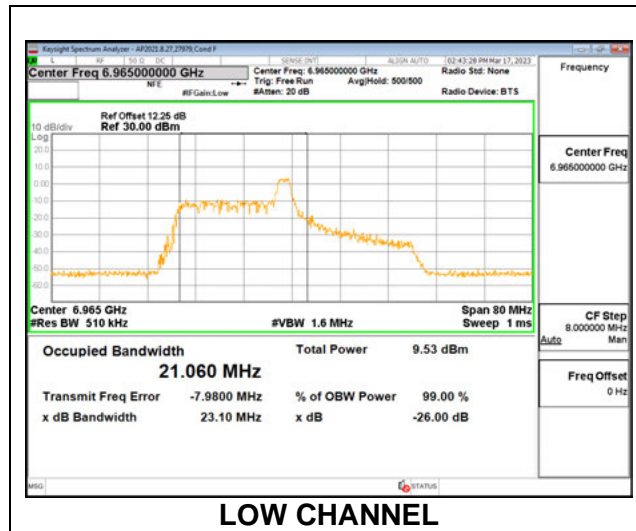
1TX Antenna 5 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
187	6885	19.80	18.193
Low	6965	20.06	18.472
High	7085	19.97	18.303



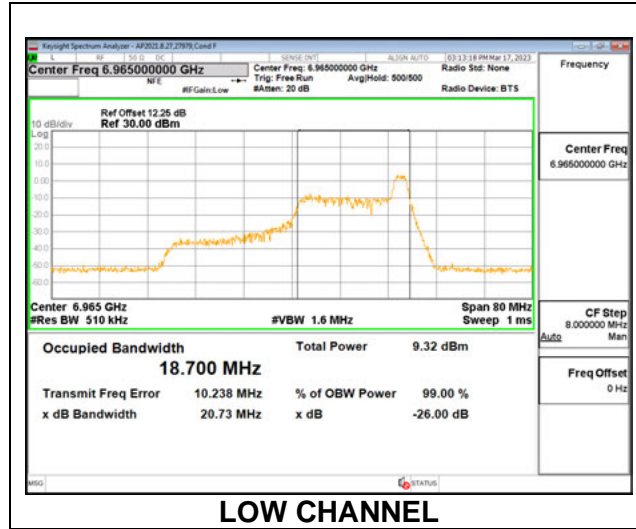
1TX Antenna 5 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
187	6885	23.75	21.446
Low	6965	23.10	21.060
High	7085	23.15	21.352



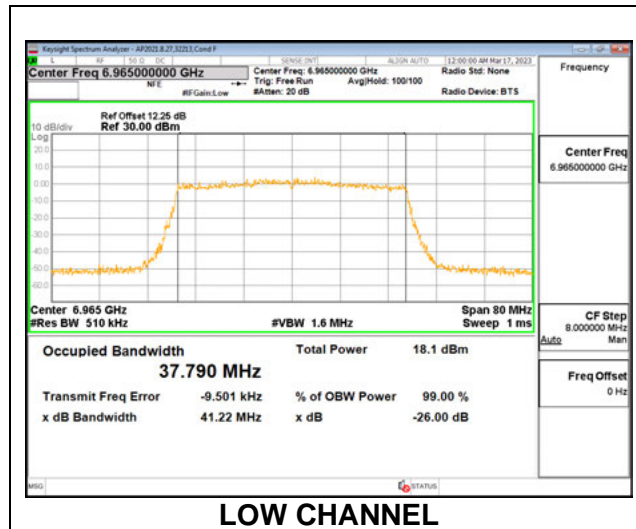
1TX Antenna 5 MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
187	6885	20.99	18.616
Low	6965	20.73	18.700
High	7085	20.62	18.543



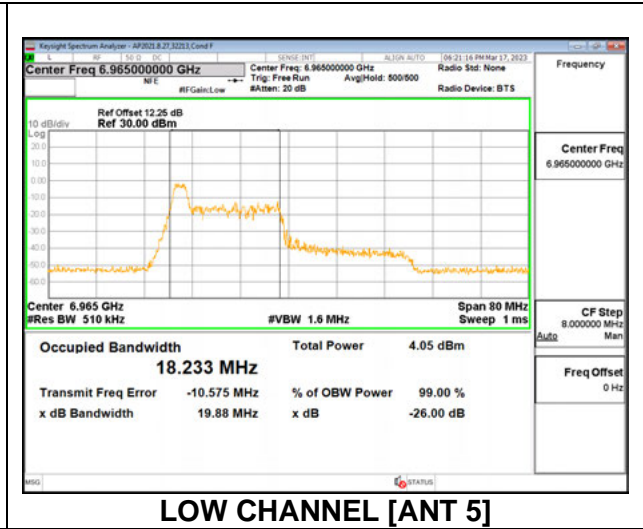
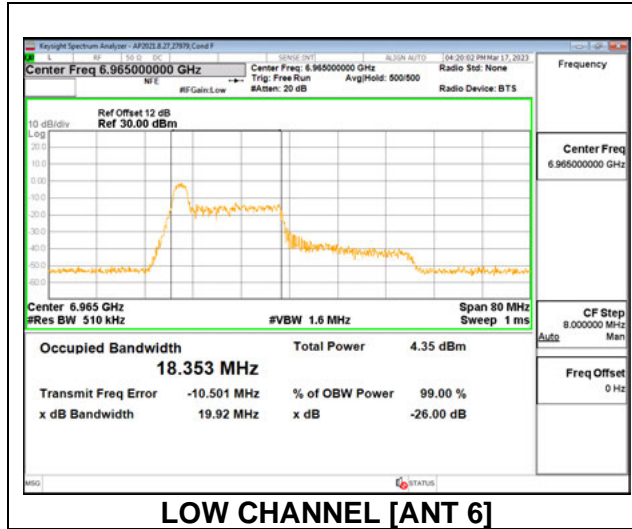
1TX Antenna 5 MODE: SU

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
187	6885	40.79	37.814
Low	6965	41.22	37.790
High	7085	40.51	37.762



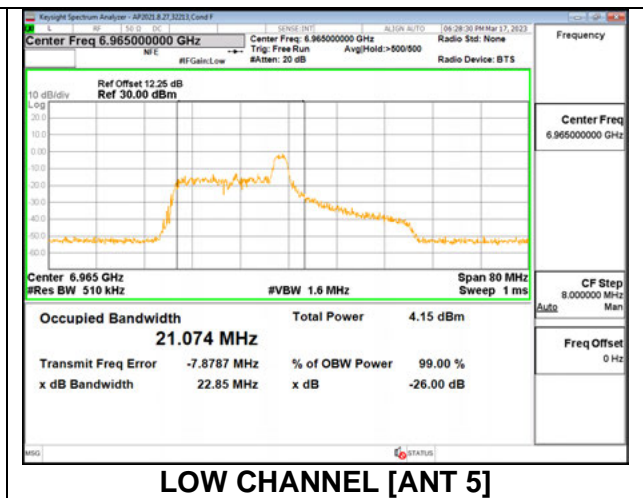
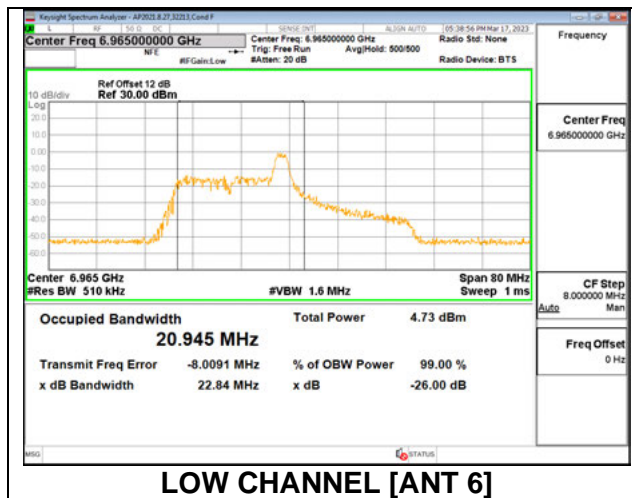
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
187	6885	19.64	19.94	18.150	18.290
Low	6965	19.92	19.88	18.353	18.233
High	7085	19.88	19.84	18.233	18.325



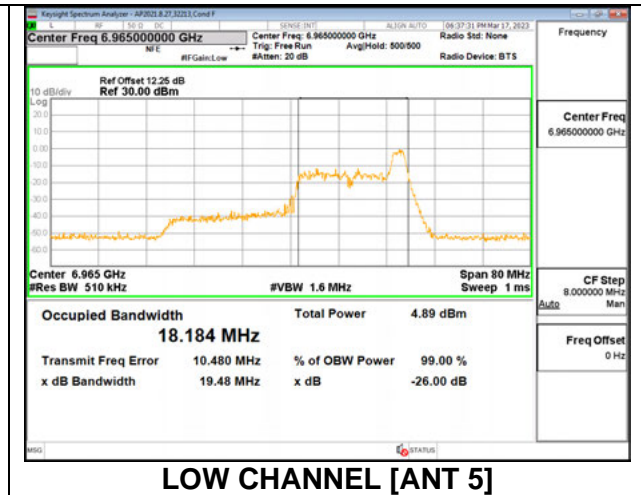
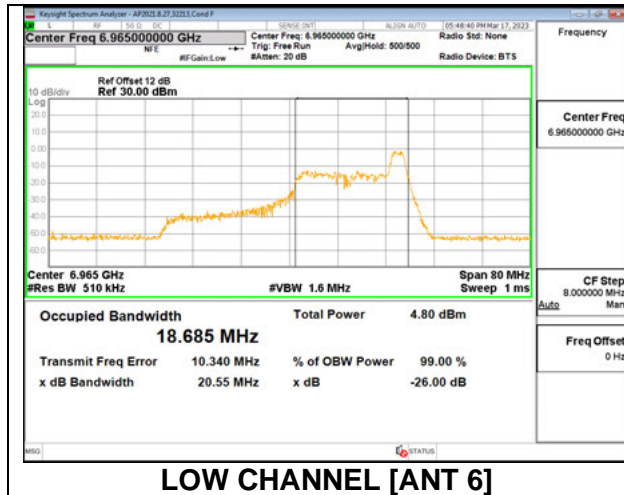
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
187	6885	23.14	24.04	21.128	21.361
Low	6965	22.84	22.85	20.945	21.074
High	7085	23.58	21.37	22.850	21.063



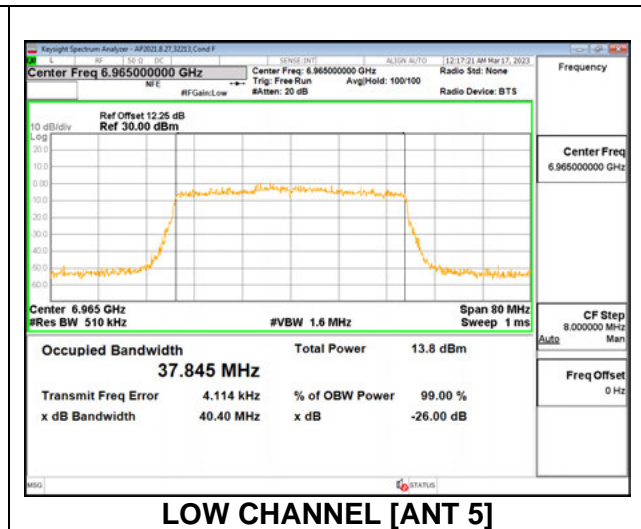
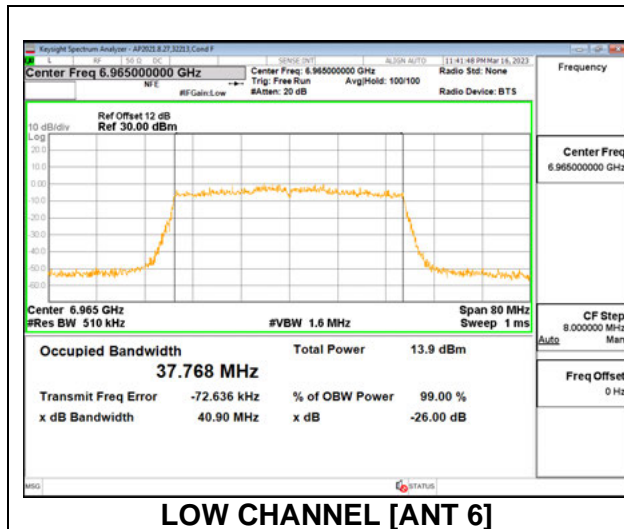
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
187	6885	20.50	19.86	18.520	18.367
Low	6965	20.55	19.48	18.685	18.184
High	7085	20.20	20.11	18.661	18.206



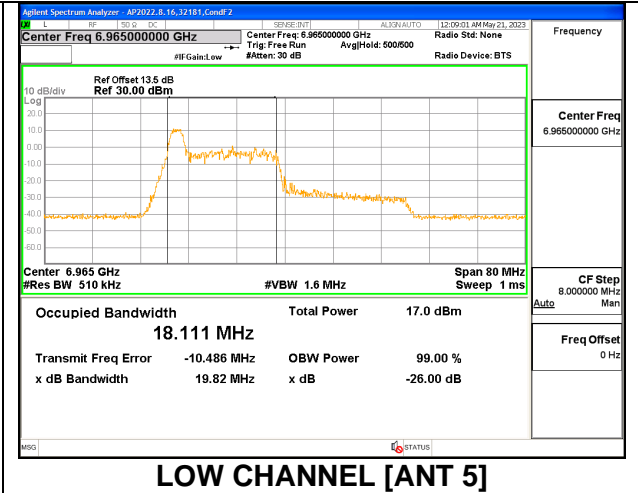
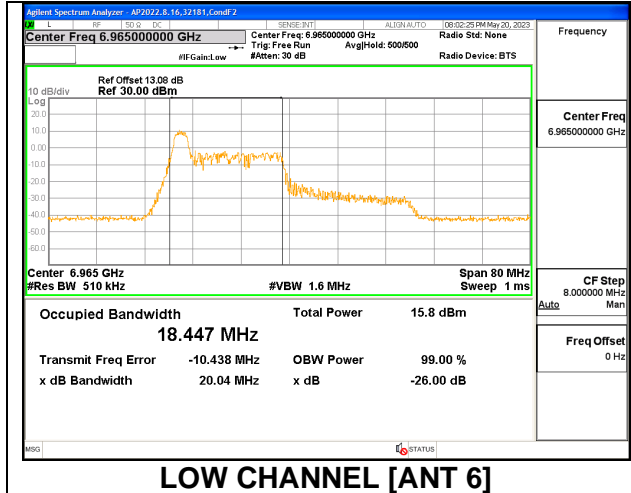
2TX Antenna 6 + Antenna 5 CDD MODE: SU

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
187	6885	40.78	40.53	37.716	37.844
Low	6965	40.90	40.40	37.768	37.845
High	7085	41.00	40.98	37.810	37.770



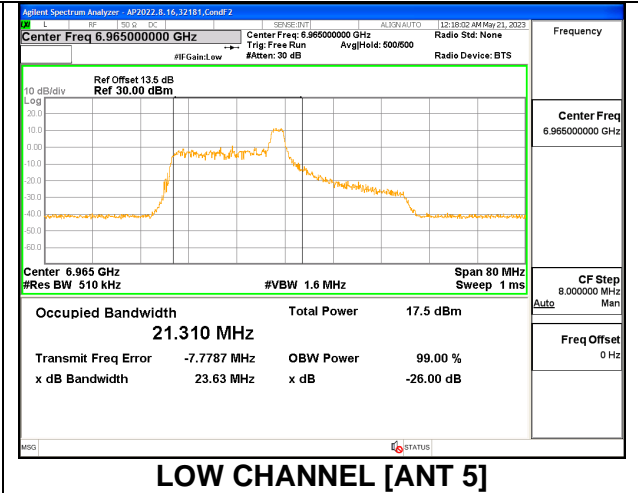
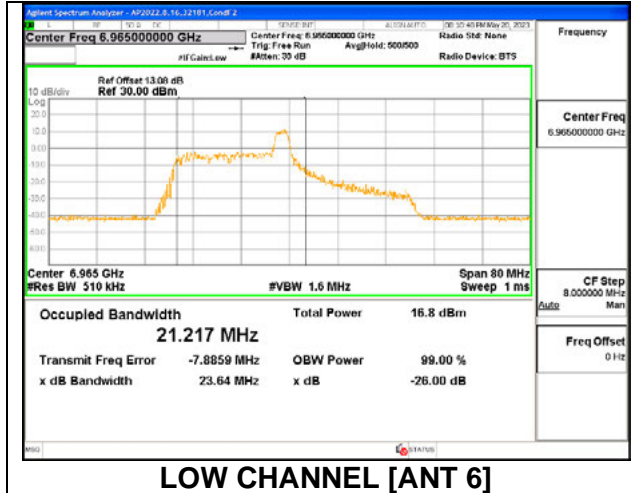
2TX Antenna 6 + Antenna 5 SDM MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Straddle	6885	20.08	19.87	18.331	18.289
Low	6965	20.04	18.82	18.447	18.111
High	7085	20.07	19.97	18.470	18.319



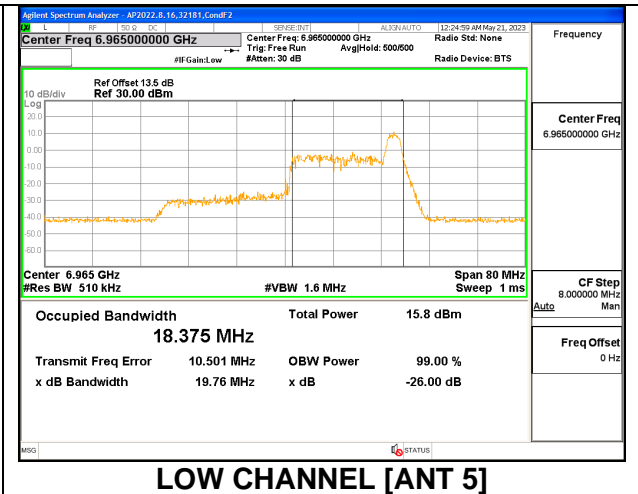
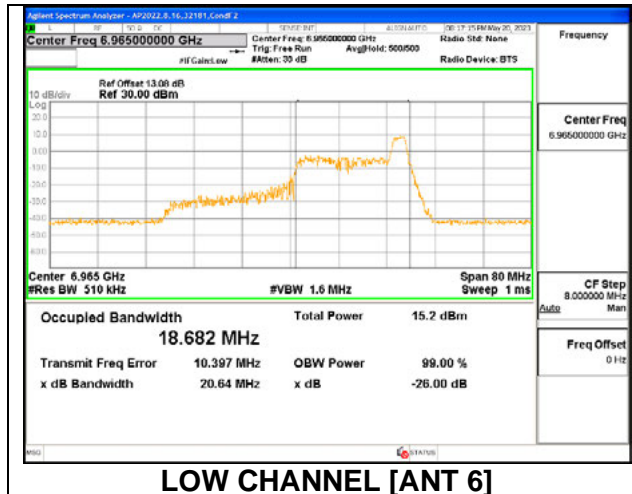
2TX Antenna 6 + Antenna 5 SDM MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Straddle	6885	24.13	22.59	21.766	21.058
Low	6965	23.64	23.63	21.217	21.310
High	7085	24.47	22.76	21.624	21.033



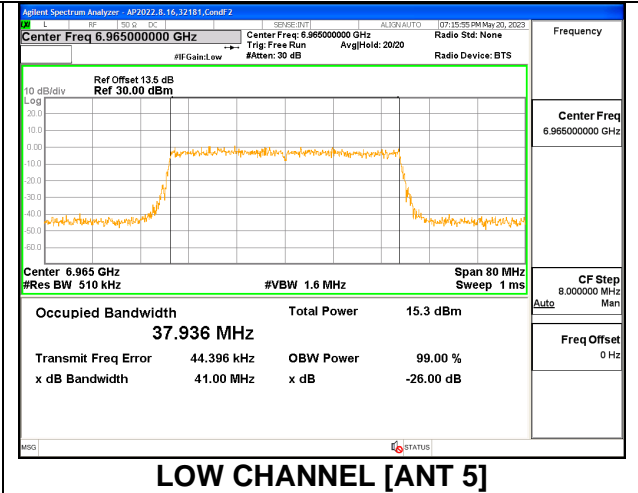
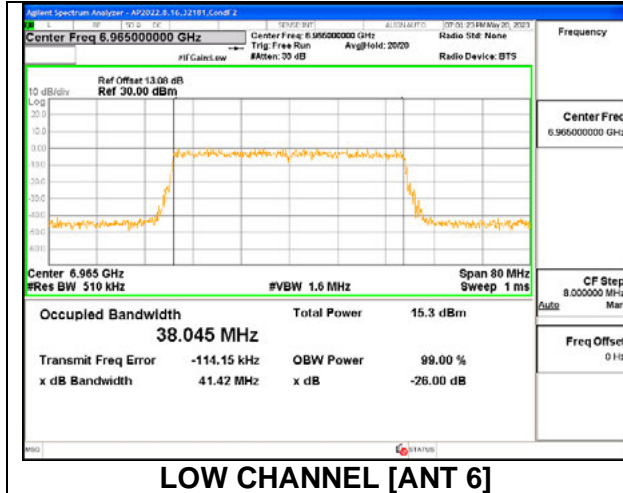
2TX Antenna 6 + Antenna 5 SDM MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Straddle	6885	19.96	19.69	18.450	18.299
Low	6965	20.64	19.76	18.682	18.375
High	7085	20.59	20.13	18.676	18.183



2TX Antenna 6 + Antenna 5 SDM MODE: SU Mode

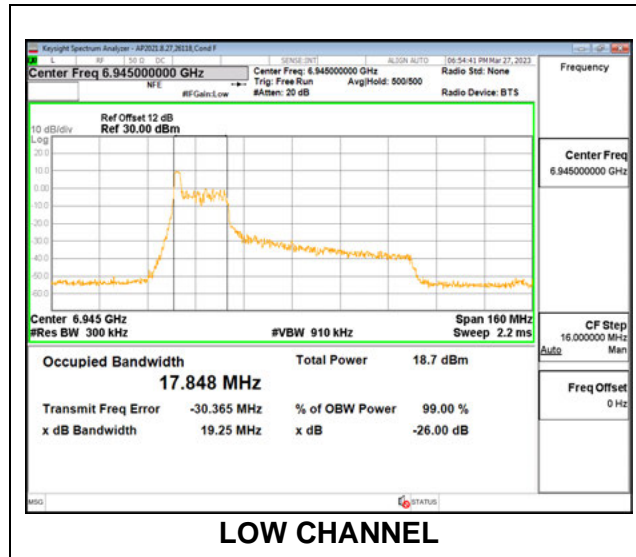
Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Straddle	6885	40.87	40.61	37.860	37.923
Low	6965	41.42	41.00	38.045	37.936
High	7085	40.73	40.43	37.893	37.904



9.2.15. 802.11ax HE80 MODE IN THE UNII-8 BAND

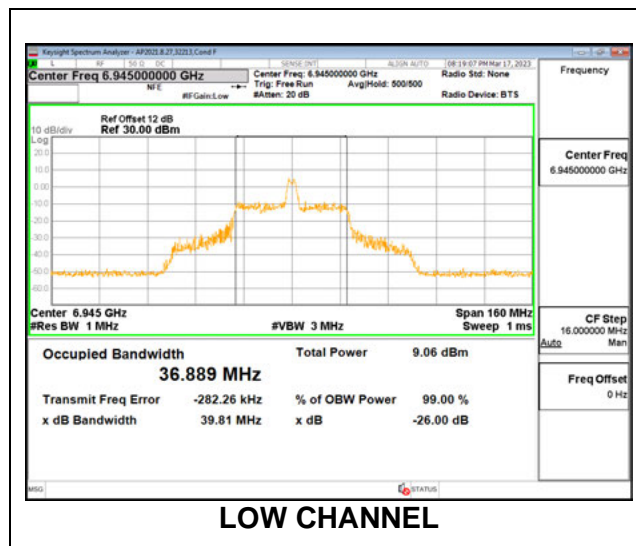
1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	6945	19.25	17.848
High	7025	19.46	18.000



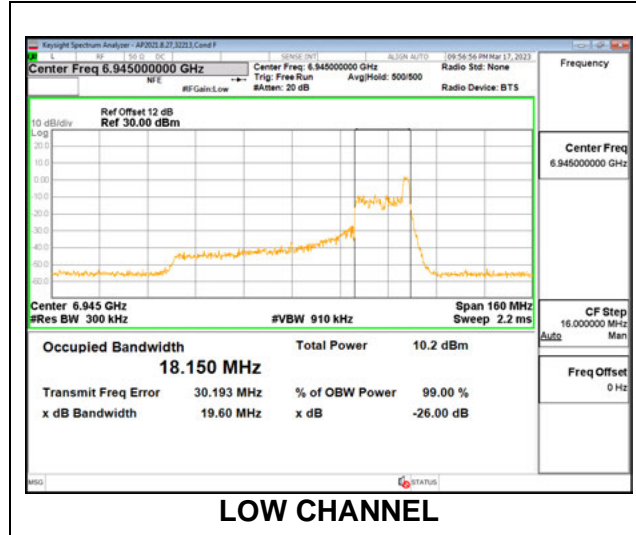
1TX Antenna 6 MODE: 26 Tones, RU Index 18

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	6945	39.81	36.889
High	7025	38.93	36.744



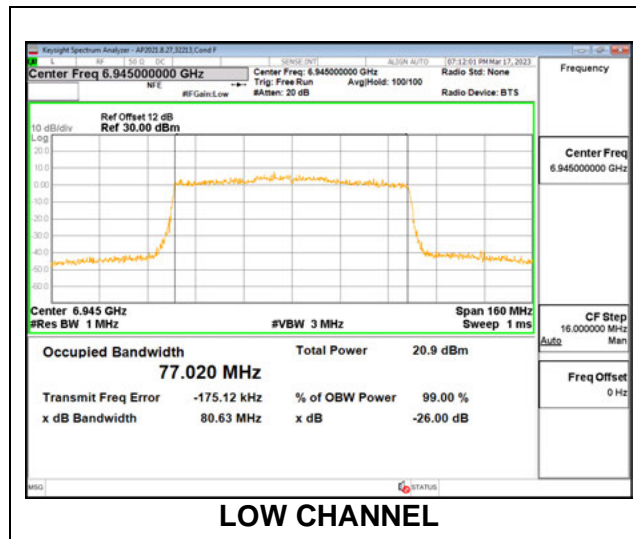
1TX Antenna 6 MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	6945	19.60	18.150
High	7025	20.12	18.182



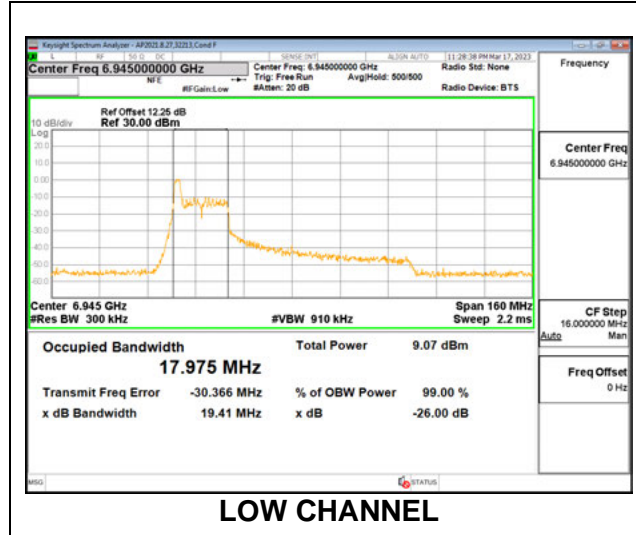
1TX Antenna 6 MODE: SU

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	6945	80.63	77.020
High	7025	80.91	76.993



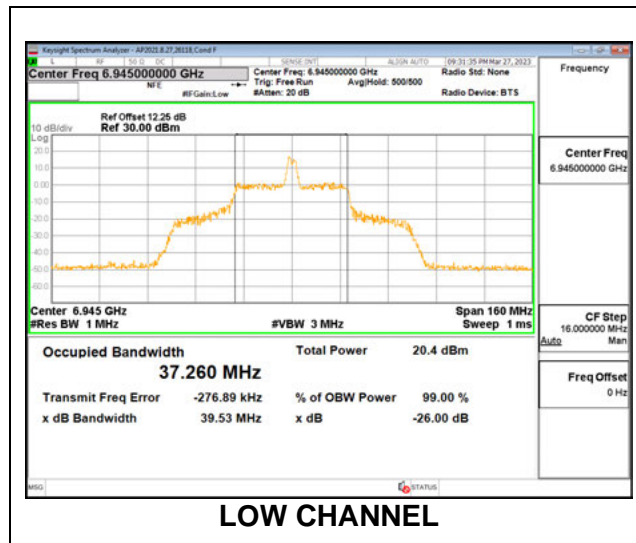
1TX Antenna 5 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	6945	19.41	17.975
High	7025	19.40	19.988



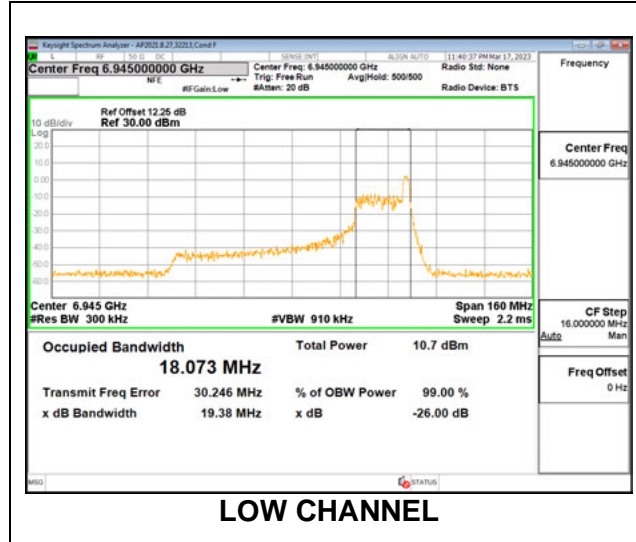
1TX Antenna 5 MODE: 26 Tones, RU Index 18

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	6945	39.53	37.260
High	7025	39.05	37.098



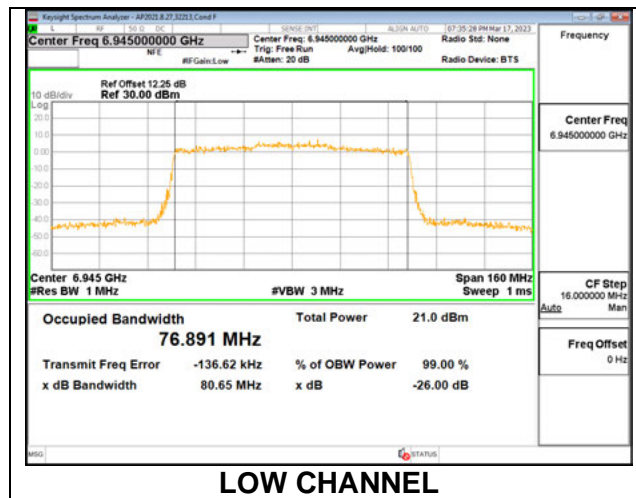
1TX Antenna 5 MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	6945	19.38	18.073
High	7025	19.12	18.097



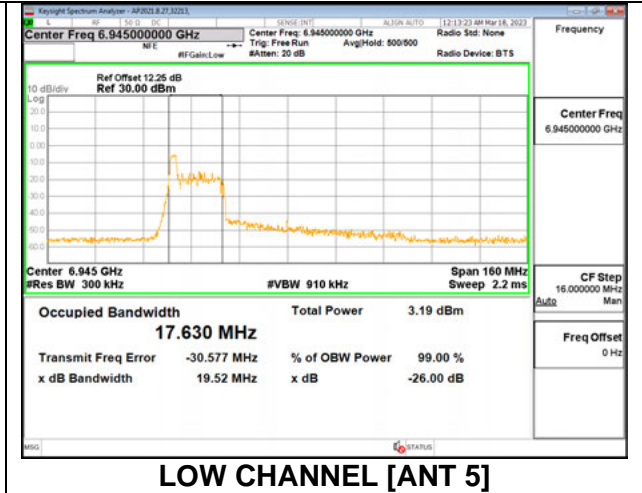
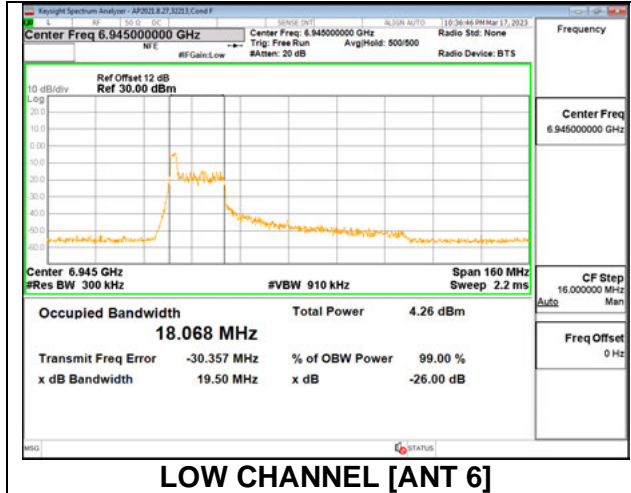
1TX Antenna 5 MODE: SU

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	6945	80.65	76.981
High	7025	81.02	76.929



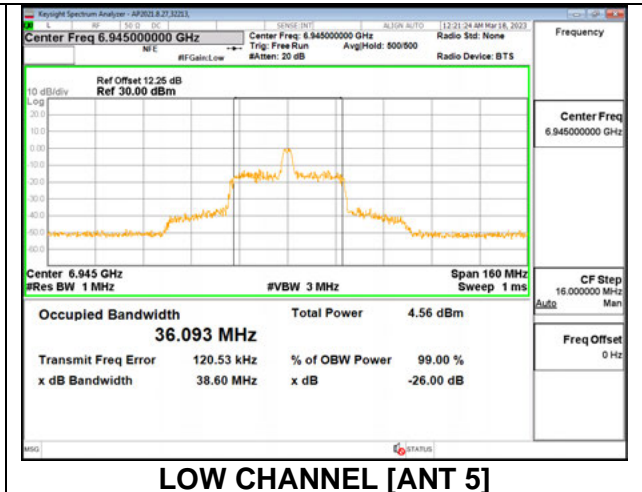
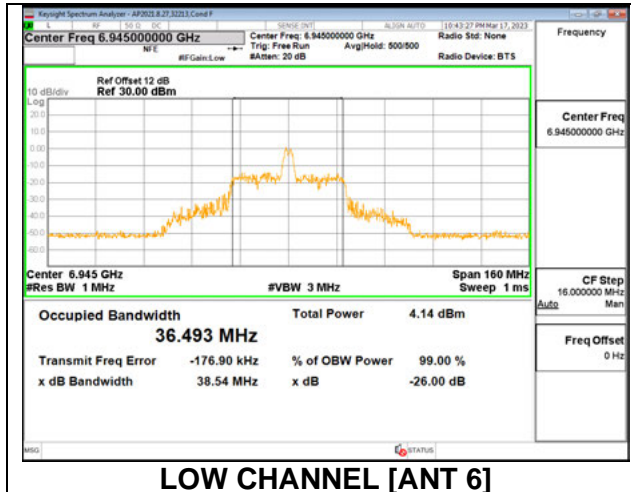
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	6945	19.50	19.52	18.068	17.630
High	7025	19.51	19.51	18.034	17.894



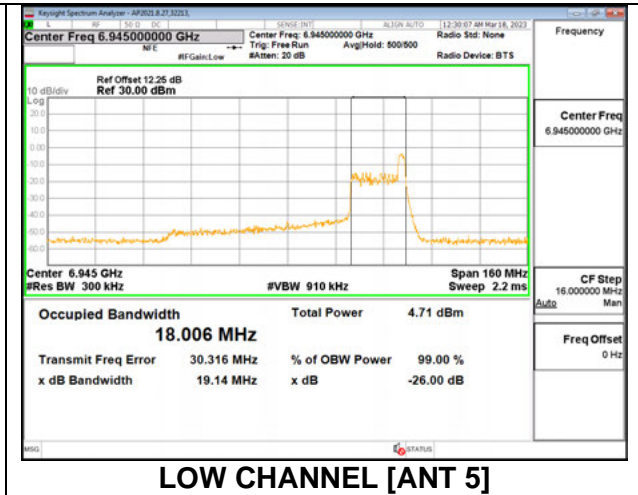
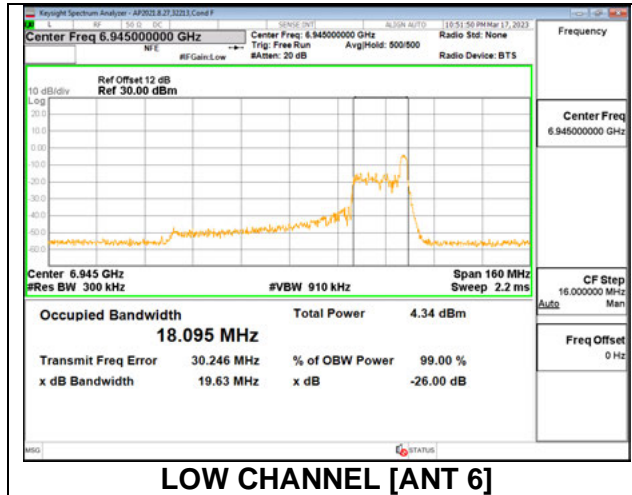
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 18

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	6945	38.54	38.60	36.493	36.093
High	7025	39.36	38.65	36.932	36.649



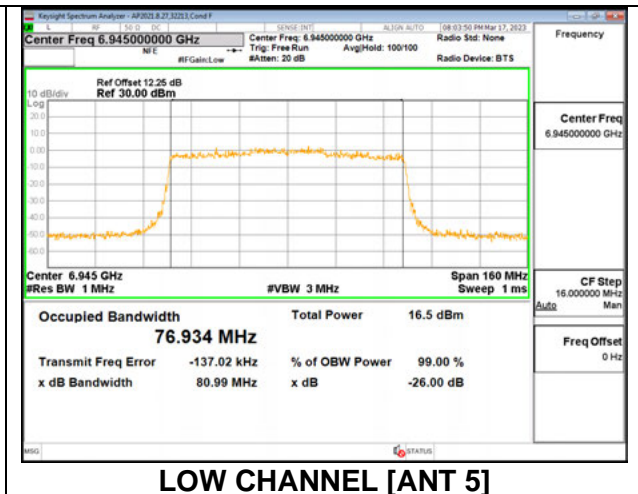
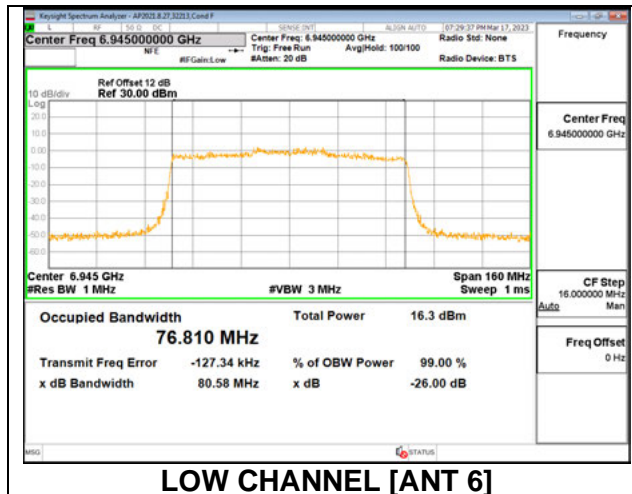
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	6945	19.63	19.14	18.095	18.006
High	7025	19.47	19.30	18.228	18.001



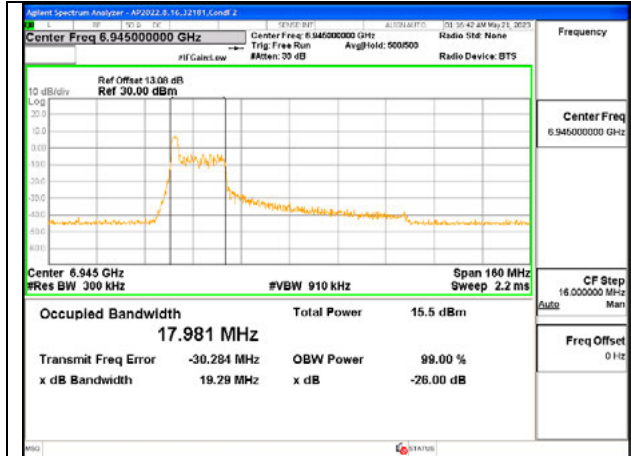
2TX Antenna 6 + Antenna 5 CDD MODE: SU

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	6945	80.58	80.99	76.8100	76.9340
High	7025	80.87	80.50	76.971	76.893

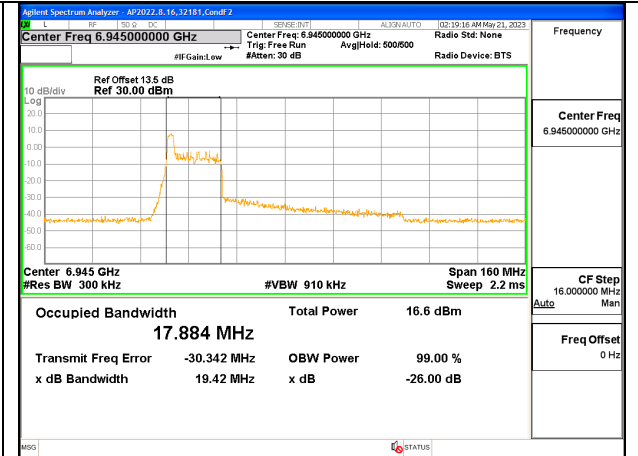


2TX Antenna 6 + Antenna 5 SDM MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	6945	19.29	19.42	17.9810	17.8840
High	7025	19.49	19.32	17.9540	17.8720



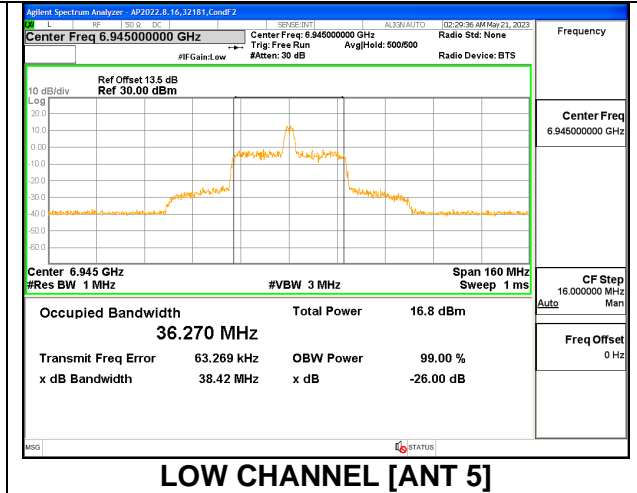
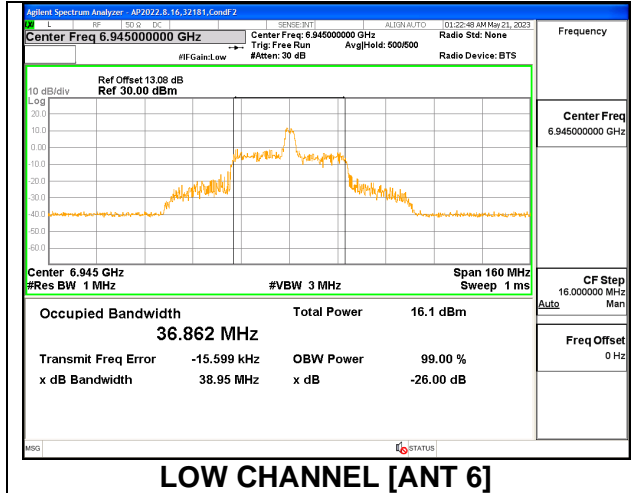
LOW CHANNEL [ANT 6]



LOW CHANNEL [ANT 5]

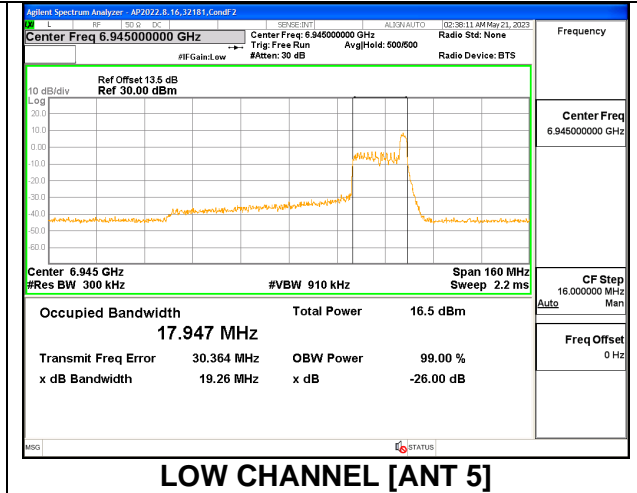
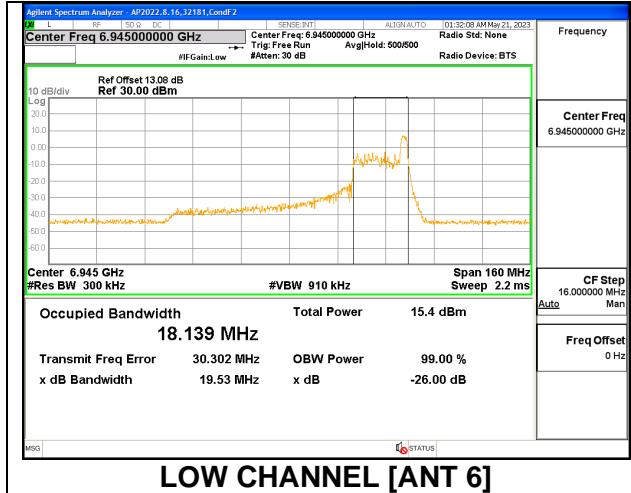
2TX Antenna 6 + Antenna 5 SDM MODE: 26 Tones, RU Index 18

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	6945	38.95	38.42	36.862	36.270
High	7025	39.81	38.80	37.220	36.665



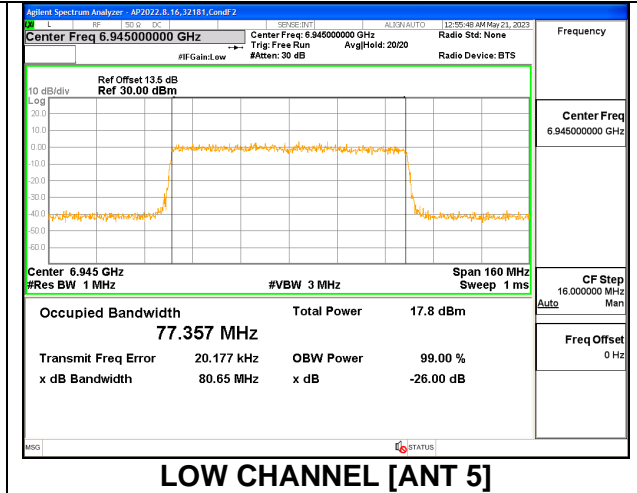
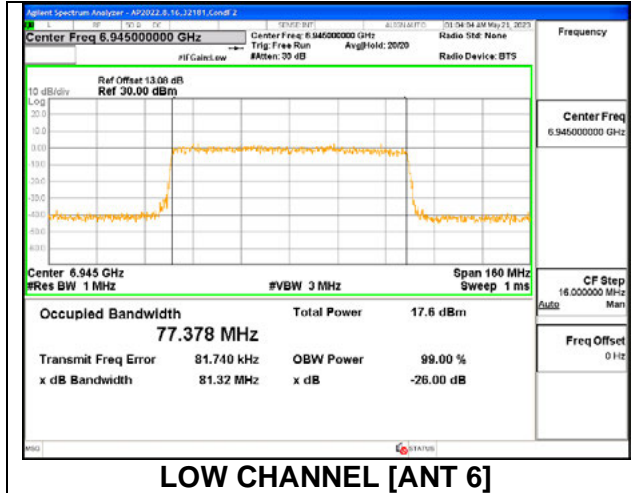
2TX Antenna 6 + Antenna 5 SDM MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	6945	19.53	19.26	18.139	17.947
High	7025	19.89	19.25	18.158	18.009



2TX Antenna 6 + Antenna 5 SDM MODE: SU Mode

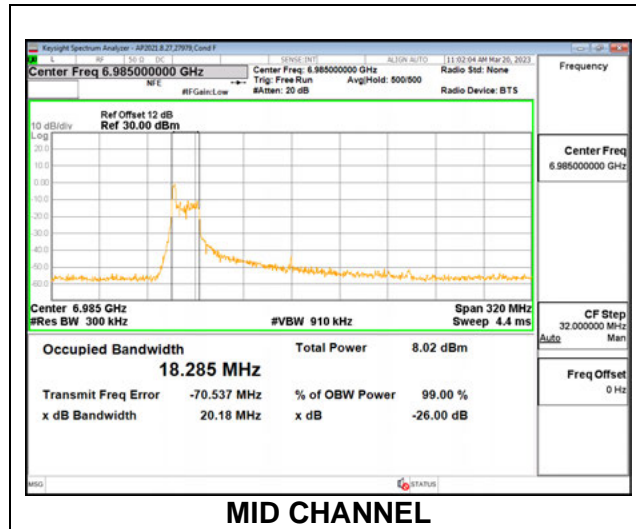
Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	6945	81.32	80.65	77.378	77.357
High	7025	80.67	80.31	77.413	77.319



9.2.16. 802.11ax HE160 MODE IN THE UNII-8 BAND

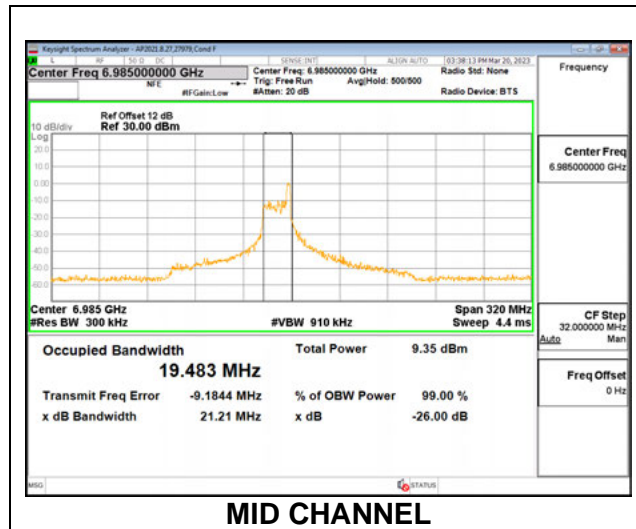
1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Mid	6985	20.18	18.285



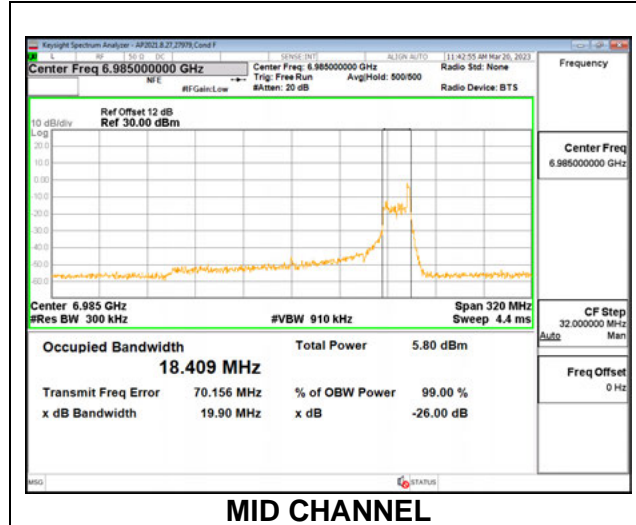
1TX Antenna 6 MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Mid	6985	21.21	19.483



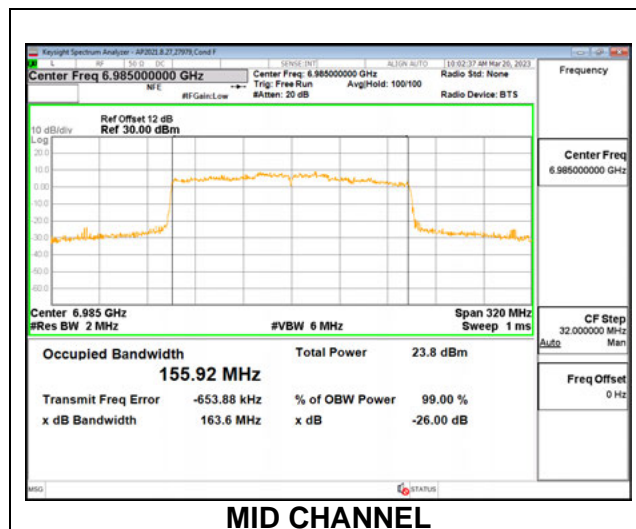
1TX Antenna 6 MODE: 26 Tones, RU Index S36

Channel	Frequency	26 dB Bandwidth	99% Bandwidth
	(MHz)	(MHz)	(MHz)
Mid	6985	19.90	18.409



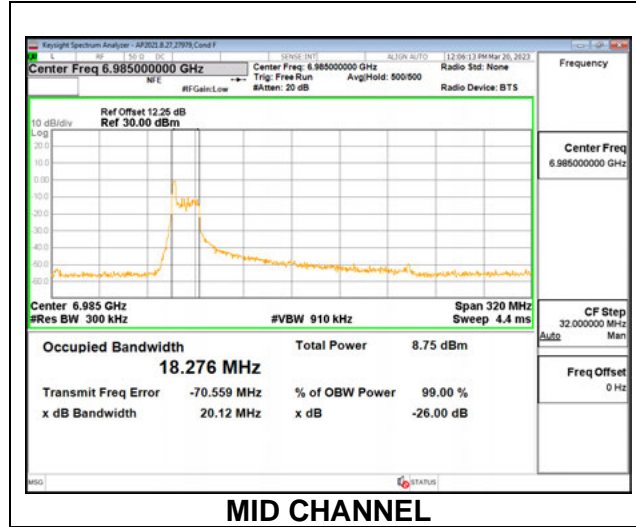
1TX Antenna 6 MODE: SU

Channel	Frequency	26 dB Bandwidth	99% Bandwidth
	(MHz)	(MHz)	(MHz)
Mid	6985	163.6	155.92



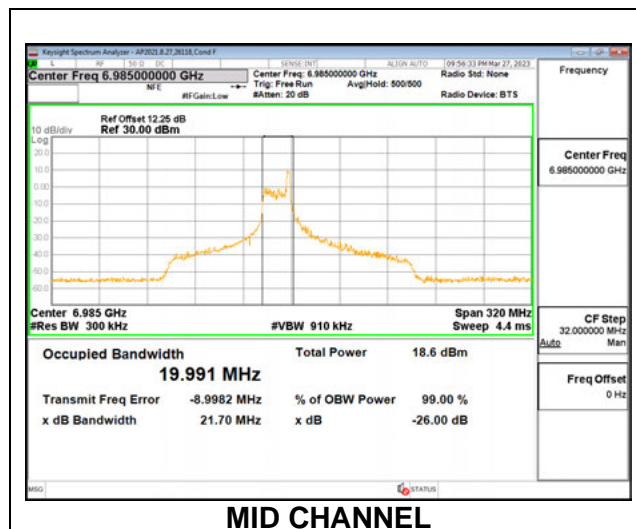
1TX Antenna 5 MODE: 26 Tones, RU Index 0

Channel	Frequency	26 dB Bandwidth	99% Bandwidth
	(MHz)	(MHz)	(MHz)
Mid	6985	20.12	18.276



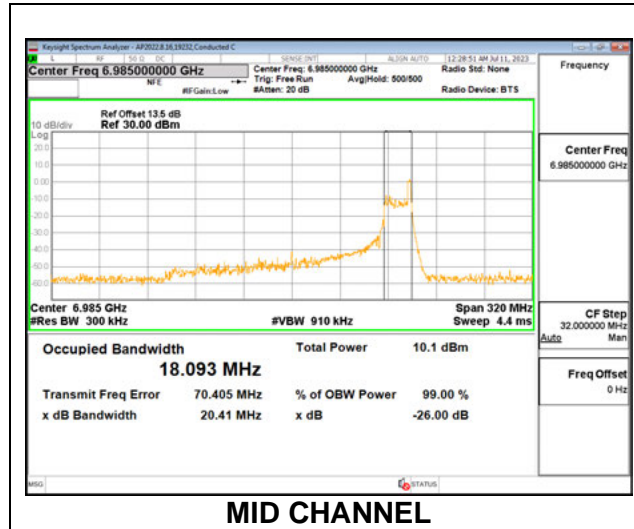
1TX Antenna 5 MODE: 26 Tones, RU Index 36

Channel	Frequency	26 dB Bandwidth	99% Bandwidth
	(MHz)	(MHz)	(MHz)
Mid	6985	21.70	19.991



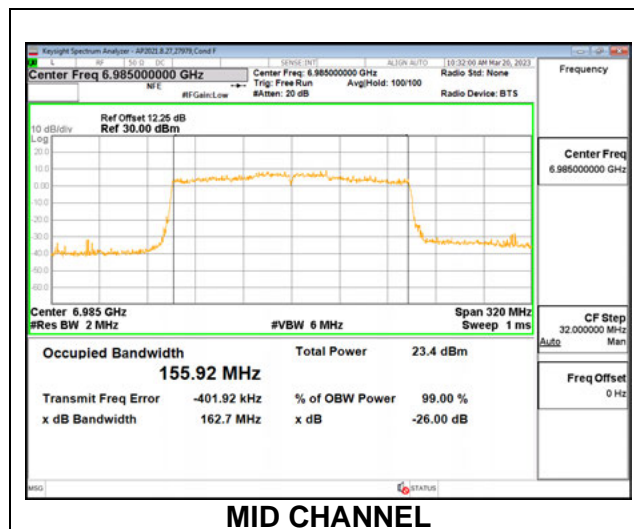
1TX Antenna 5 MODE: 26 Tones, RU Index S36

Channel	Frequency	26 dB Bandwidth	99% Bandwidth
	(MHz)	(MHz)	(MHz)
Mid	6985	20.41	18.093



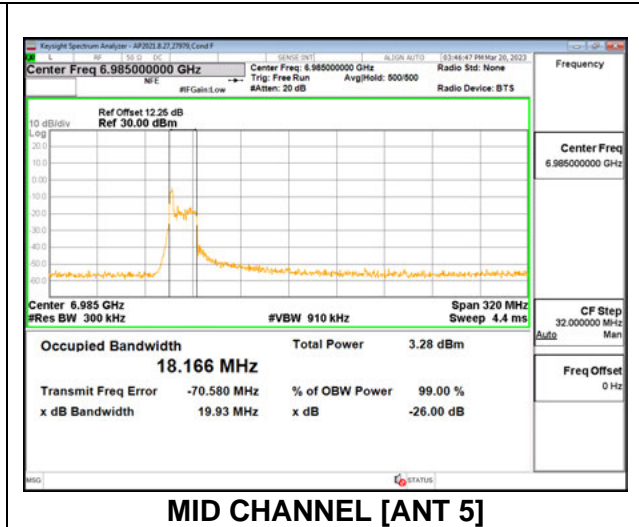
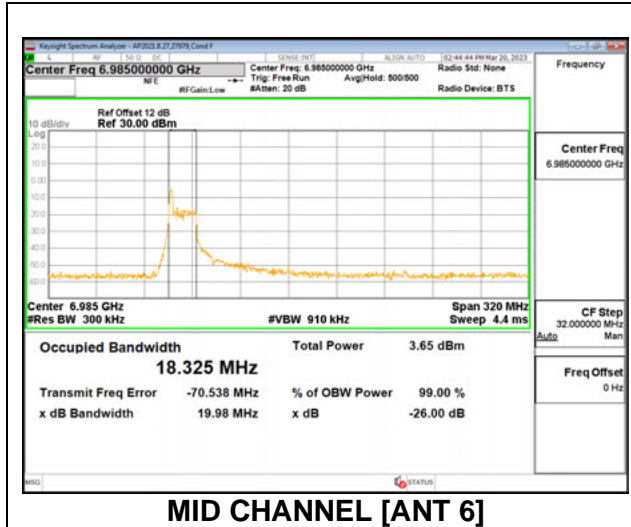
1TX Antenna 5 MODE: SU

Channel	Frequency	26 dB Bandwidth	99% Bandwidth
	(MHz)	(MHz)	(MHz)
Mid	6985	162.7	155.92



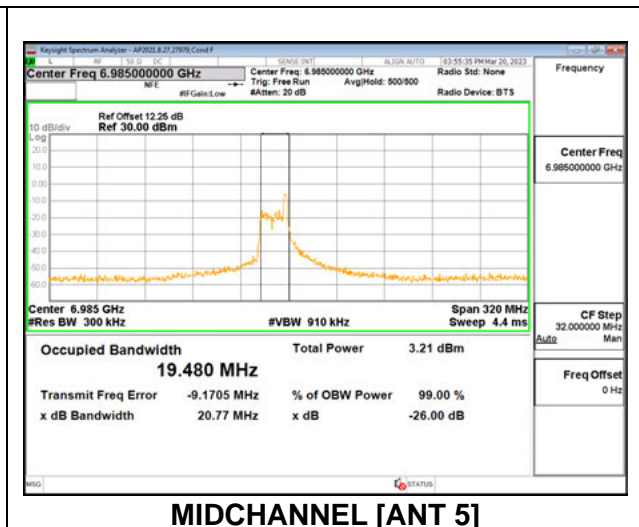
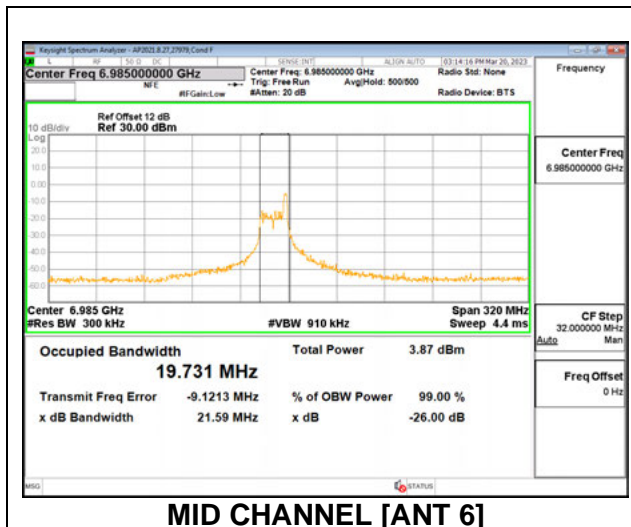
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	6985	19.98	19.93	18.325	18.166



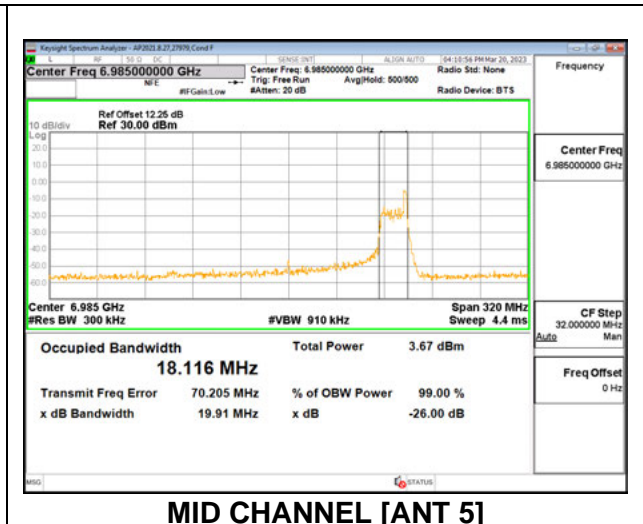
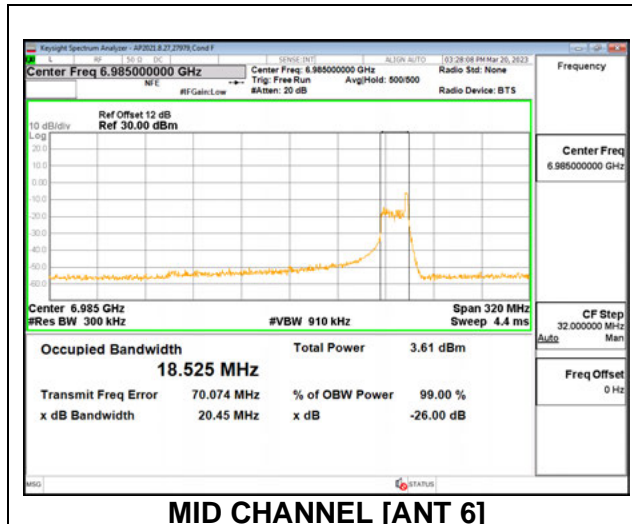
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	6985	21.59	20.77	19.731	19.480



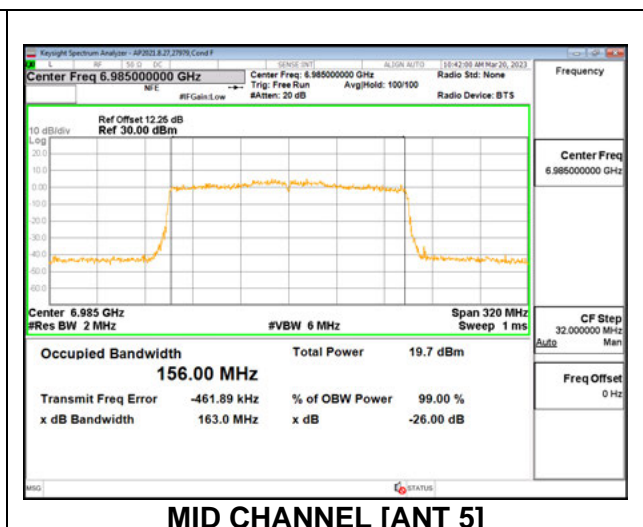
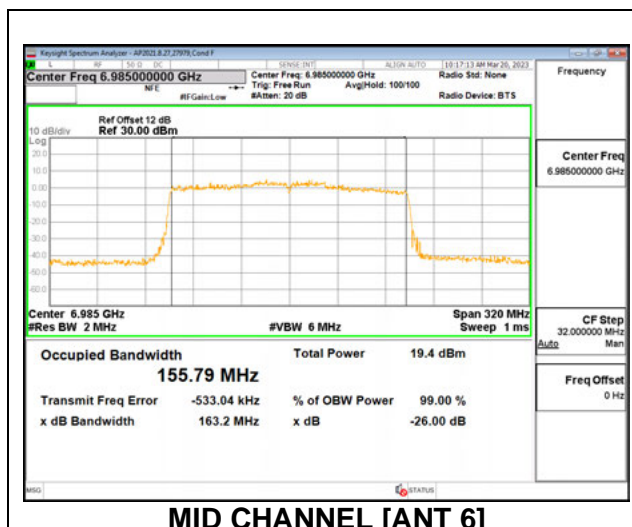
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index S36

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	6985	20.45	19.91	18.525	18.116



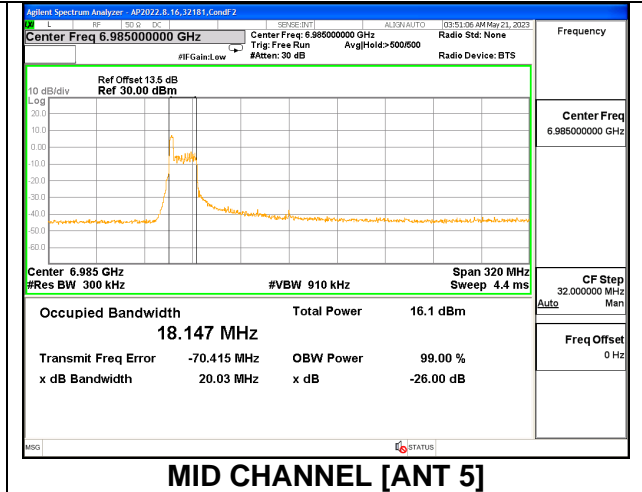
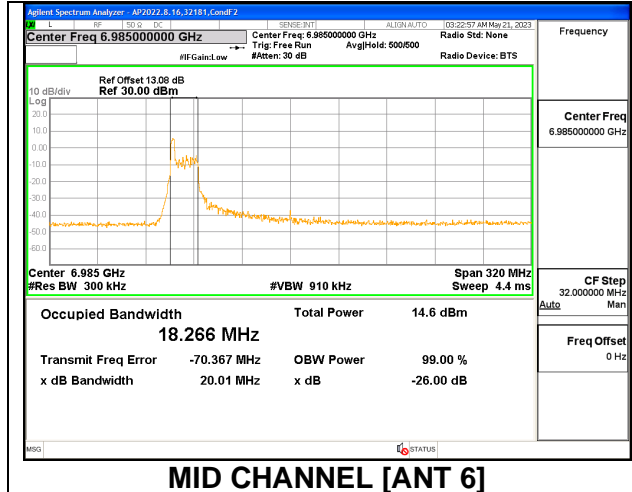
2TX Antenna 6 + Antenna 5 CDD MODE: SU

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	6985	163.2	163.0	155.79	156.00



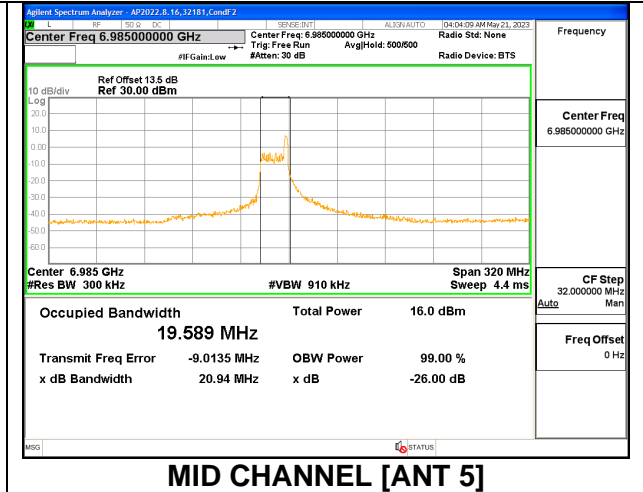
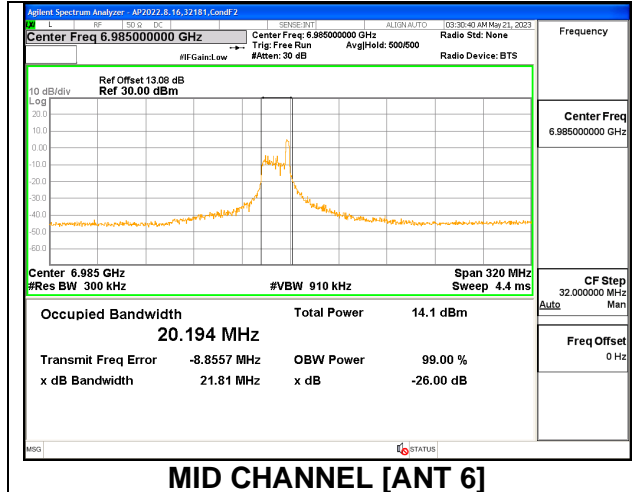
2TX Antenna 6 + Antenna 5 SDM MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
MID	6985	20.01	20.03	18.266	18.147



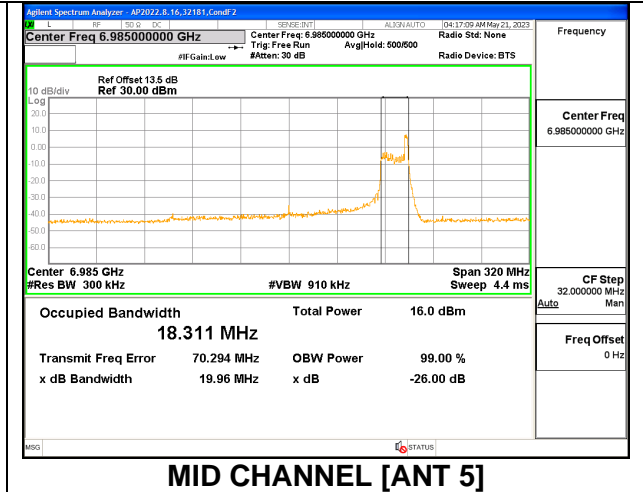
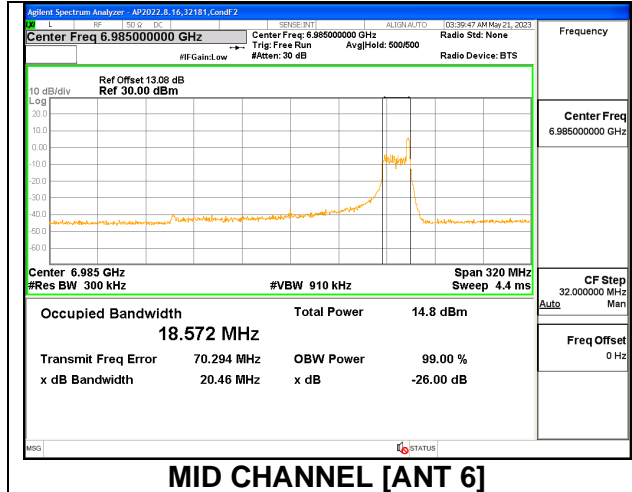
2TX Antenna 6 + Antenna 5 SDM MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
MID	6985	21.81	20.94	20.194	19.589



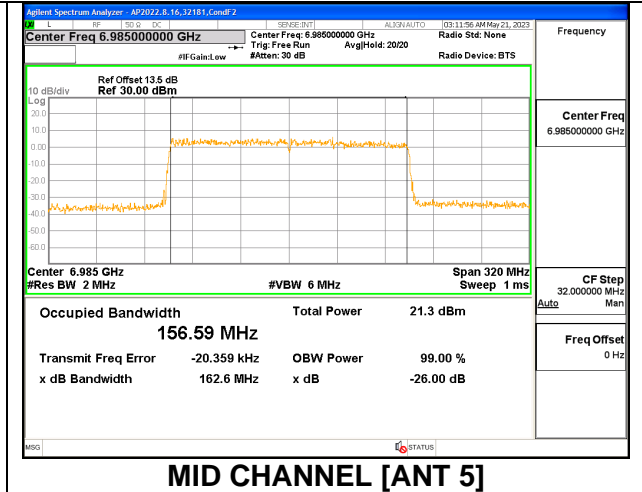
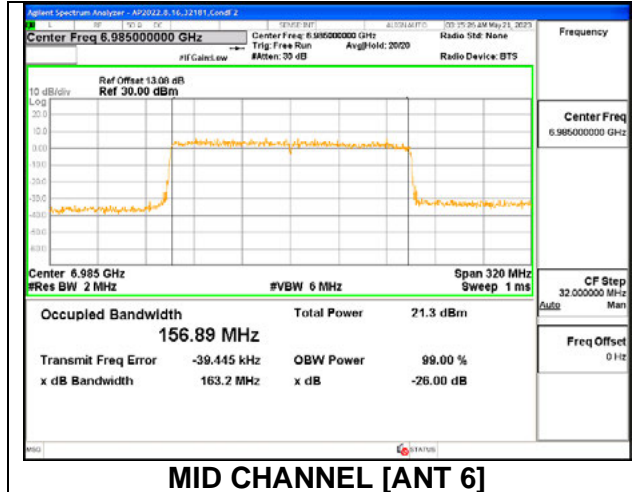
2TX Antenna 6 + Antenna 5 SDM MODE: 26 Tones, RU Index S36

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
MID	6985	20.46	19.96	18.572	18.311



2TX Antenna 6 + Antenna 5 SDM MODE: SU Mode

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
MID	6985	163.20	162.60	156.89	156.59



9.3. LP OUTPUT POWER AND PSD

LIMITS

FCC §15.407

Band 5.925-7.125 GHz

(8) For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum power spectral density must not exceed -1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

TEST PROCEDURE

Conducted Output Power: KDB 789033 D02 v02r01, Section II E.3.b (Method PM-G).

The measurement method used for power spectral density is KDB 789033 D02 v02r01, Section F

DIRECTIONAL ANTENNA GAIN

For 1 TX:

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

For 2 TX:

CDD MIMO Tx chains used uncorrelated gain for EIRP calculation and correlated gain for PSD EIRP calculation; SDM MIMO Tx chains used uncorrelated for both EIRP and PSD EIRP calculation. For the straddle channels, the higher antenna gains were chosen between two bands where straddle channels are located.. The directional gains are as follows:

Antenna Gain					
Frequency Range	Sub-band	Antenna 6	Antenna 5	Uncorrelated Chains	Correlated Chains
(MHz)	(MHz)	Gain (dBi)	Gain (dBi)	Directional Gain (dBi)	Directional Gain (dBi)
5925 - 6425 UNII-5	Sub-band 1 (5955 - 6095)	-3.10	-4.70	-3.83	-0.85
	Sub-band 2 (6115 - 6255)	-1.50	-4.20	-2.64	0.26
	Sub-band 3 (6275 - 6415)	-2.40	-4.40	-3.29	-0.33
6425 - 6525 UNII-6	N/A	-1.80	-4.70	-3.01	-0.12
UNII-6/7 (Straddle Channel)	N/A	-0.90	-4.70	-2.40	0.42
6525 - 6875 UNII-7	N/A	-0.90	-5.90	-2.72	-0.03
UNII-7/8 (Straddle Channel)	N/A	-0.90	-5.90	-2.72	-0.03
6875 - 7125 UNII-8	N/A	-2.50	-7.50	-4.32	-1.63

DIRECTIONAL GAIN CALCULATION:

ANSI C63.10-2013 section 14.4.3

Uncorrelated directional gain= $10 \cdot \text{LOG}((10^{(\text{Ant6}/10)} + 10^{(\text{Ant5}/10)})/2)$ Correlated directional Gain= $10 \cdot \text{LOG}(((10^{(\text{Ant6}/20)} + 10^{(\text{Ant5}/20)})^2)/2)$

Sample Calculation at 5.2GHz Band:

Ant6=-3.10, Ant5=-4.70

Uncorrelated Antenna gain= $10 \log[(10^{(-3.10/10)} + 10^{(-4.70/10)})/2] = -3.83$ dBiCorrelated Antenna gain= $10 \log[(10^{(-3.10/20)} + 10^{(-4.70/20)})^2/2] = -0.85$ dBi

EIRP Calculation:**1Tx**

EIRP corr'd power = Ant6 + Antenna Gain

Sample Calculation at UNII-5 Band(low channel RU 0):

Ant6 Power=2.91 dBm

EIRP corr'd power = 2.91 + (-3.10) = -0.19 dBm

2Tx

EIRP corr'd power = $10 \cdot \text{LOG}(10^{(\text{Ant6}/10)} + 10^{(\text{Ant5}/10)})$ + uncorrelated directional gain

Sample Calculation at UNII-5 Band(low channels RU 0):

Ant6=-2.56 dBm, Ant5=-2.62

EIRP corr'd power = $10 \cdot \text{LOG}(10^{(-2.56/10)} + 10^{(-2.62/10)})$ + (-3.83) = -3.41 dBm

EIRP PSD Calculation:**1Tx**

EIRP corr'd PSD = DCCF + Ant6 + Antenna Gain

Sample Calculation at UNII-5 Band(low channel RU 0):

Ant6 PSD= 0.925 dBm/1MHz

EIRP corr'd PSD = 0 + 0.925 + (-3.10) = -2.175 dBm/1MHz

2Tx

EIRP corr'd PSD = $(10 \cdot \text{LOG}(10^{((\text{DCCF} + \text{Ant6})/10)} + 10^{((\text{DCCF} + \text{Ant5})/10)}))$ + correlated directional gain

Sample Calculation at UNII-5 Band(low channels RU 0):

Ant6=-4.771 dBm/1MHz, Ant5=-4.707 dBm/1MHz

EIRP corr'd PSD = $(10 \cdot \text{LOG}(10^{((0 + (-4.771))/10)} + 10^{((0 + (-4.707))/10)}))$ + (-0.85) = -2.579

RESULTS

9.3.1. 802.11ax HE20 MODE IN THE UNII-5 BAND

1TX Antenna 6 MODE – 26 Tones, RU Index 0

Test Engineer:	32213/23560
Test Date:	07/02/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5955	-3.1	24.00	-1.00
Mid	6175	-1.5	24.00	-1.00
High	6415	-2.4	24.00	-1.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5955	2.91	-0.19	24.00	-24.19
Mid	6175	1.45	-0.05	24.00	-24.05
High	6415	2.25	-0.15	24.00	-24.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5955	0.925	-2.175	-1.00	-1.175
Mid	6175	-0.797	-2.297	-1.00	-1.297
High	6415	0.221	-2.179	-1.00	-1.179



1TX Antenna 6 MODE – 26 Tones, RU Index 4

Test Engineer:	32213/23560
Test Date:	06/29/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5955	-3.1	24.00	-1.00
Mid	6175	-1.5	24.00	-1.00
High	6415	-2.4	24.00	-1.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5955	2.91	-0.19	24.00	-24.19
Mid	6175	1.43	-0.07	24.00	-24.07
High	6415	2.19	-0.21	24.00	-24.21

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5955	0.378	-2.722	-1.00	-1.722
Mid	6175	-2.587	-4.087	-1.00	-3.087
High	6415	-0.843	-3.243	-1.00	-2.243



1TX Antenna 6 MODE – 26 Tones, RU Index 8

Test Engineer:	32213/23560
Test Date:	06/29/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5955	-3.1	24.00	-1.00
Mid	6175	-1.5	24.00	-1.00
High	6415	-2.4	24.00	-1.00

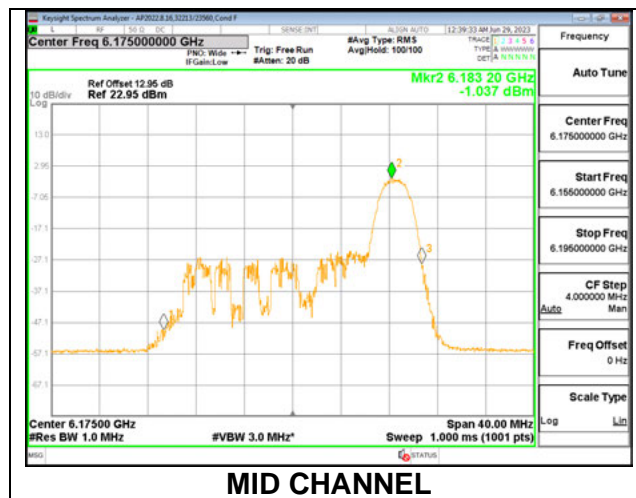
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5955	2.88	-0.22	24.00	-24.22
Mid	6175	1.45	-0.05	24.00	-24.05
High	6415	2.20	-0.20	24.00	-24.20

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5955	0.579	-2.521	-1.00	-1.521
Mid	6175	-1.037	-2.537	-1.00	-1.537
High	6415	-0.463	-2.863	-1.00	-1.863



1TX Antenna 6 MODE – SU Mode

Test Engineer:	32213/23560
Test Date:	06/28/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5955	-3.1	24.00	-1.00
Mid	6175	-1.5	24.00	-1.00
High	6415	-2.4	24.00	-1.00

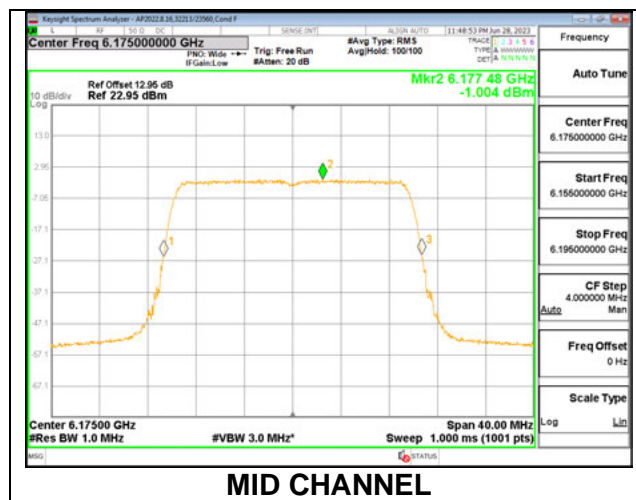
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5955	11.97	8.87	24.00	-15.13
Mid	6175	10.48	8.98	24.00	-15.02
High	6415	11.17	8.77	24.00	-15.23

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5955	0.498	-2.602	-1.00	-1.602
Mid	6175	-1.004	-2.504	-1.00	-1.504
High	6415	-0.112	-2.512	-1.00	-1.512



1TX Antenna 5 MODE – 26 Tones, RU Index 0

Test Engineer:	32606/23560
Test Date:	07/10/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5955	-4.7	24.00	-1.00
Mid	6175	-4.2	24.00	-1.00
High	6415	-4.4	24.00	-1.00

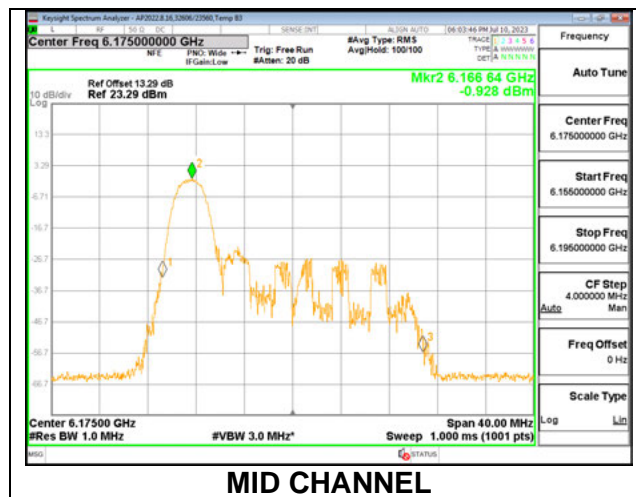
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5955	2.89	-1.81	24.00	-25.81
Mid	6175	1.17	-3.03	24.00	-27.03
High	6415	2.22	-2.18	24.00	-26.18

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5955	0.911	-3.789	-1.00	-2.789
Mid	6175	-0.928	-5.128	-1.00	-4.128
High	6415	0.085	-4.315	-1.00	-3.315



1TX Antenna 5 MODE – 26 Tones, RU Index 4

Test Engineer:	32213/23560
Test Date:	06/29/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5955	-4.7	24.00	-1.00
Mid	6175	-4.2	24.00	-1.00
High	6415	-4.4	24.00	-1.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5955	2.93	-1.77	24.00	-25.77
Mid	6175	1.37	-2.83	24.00	-26.83
High	6415	2.23	-2.17	24.00	-26.17

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5955	-0.374	-5.074	-1.00	-4.074
Mid	6175	-2.320	-6.520	-1.00	-5.520
High	6415	-1.117	-5.517	-1.00	-4.517

