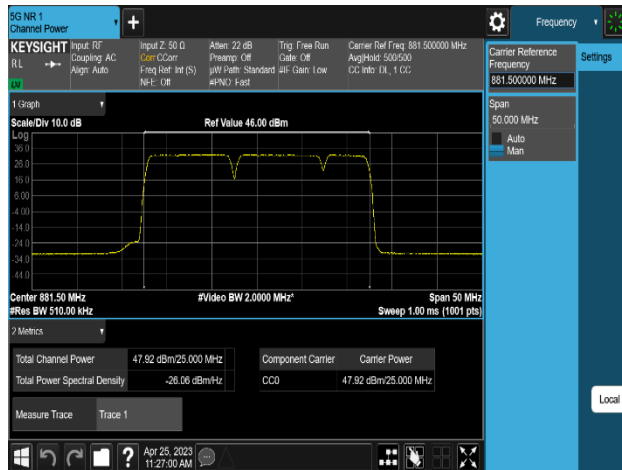
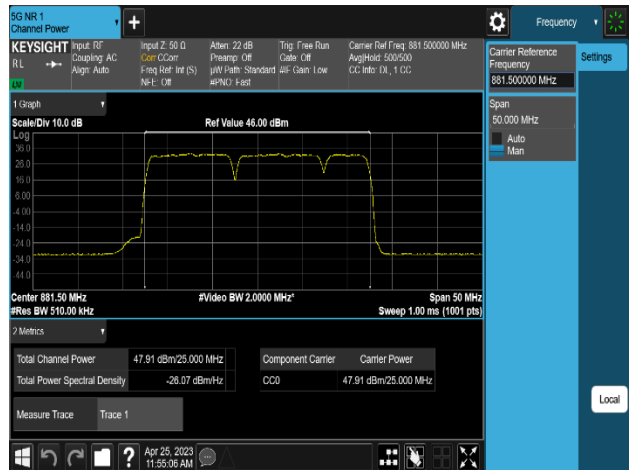
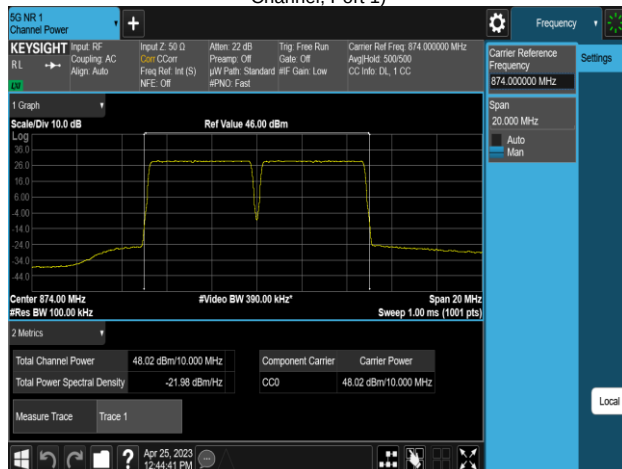




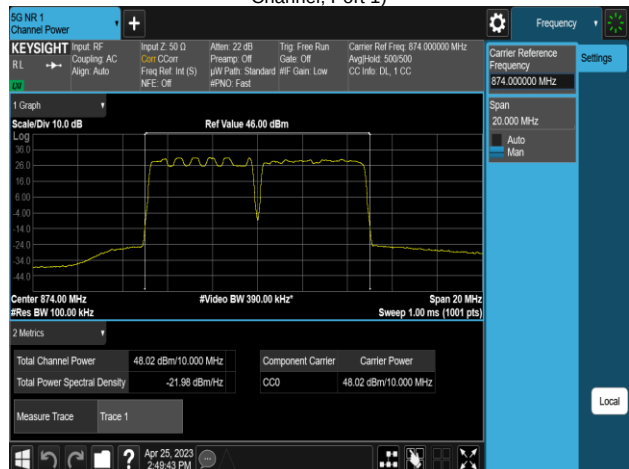
Plot 8-117. Conducted Average Output Power Plot
(MSR 3C_DSS B(n)5_2C_10M+10M+LTE B5_1C_5M_2T_QPSK - Mid Channel, Port 1)



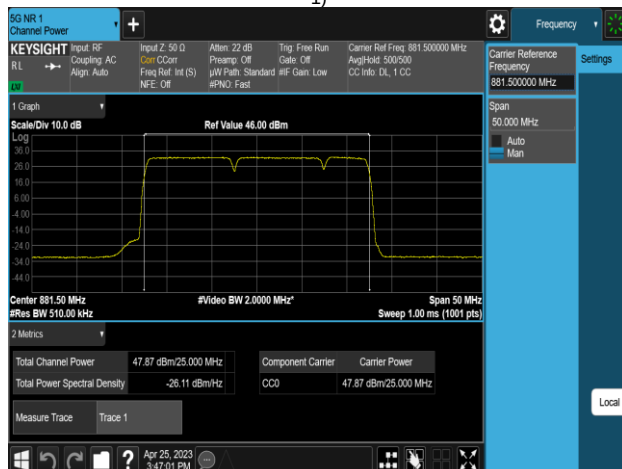
Plot 8-118. Conducted Average Output Power Plot
(MSR 3C_DSS B(n)5_2C_10M+10M+LTE B5_1C_5M_2T_16QAM - Mid Channel, Port 1)



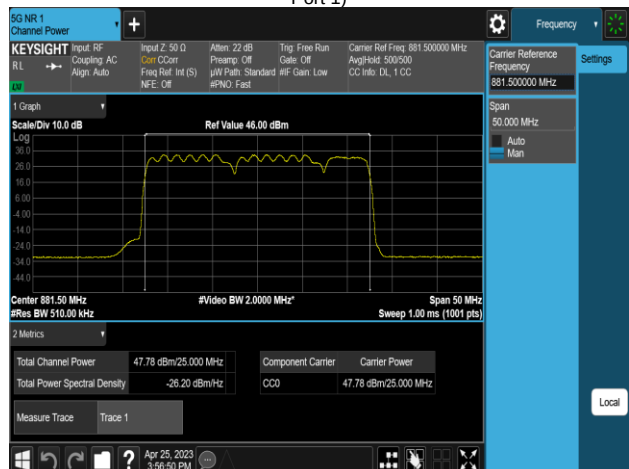
Plot 8-119. Conducted Average Output Power Plot
(MSR 2C_NR n5_1C_5M+LTE B5_1C_5M_2T_QPSK - Low Channel, Port 1)



Plot 8-120. Conducted Average Output Power Plot
(MSR 2C_NR n5_1C_5M+LTE B5_1C_5M_2T_16QAM - Low Channel, Port 1)



Plot 8-121. Conducted Average Output Power Plot
(MSR 3C_NR n5_2C_10M+10M+LTE B5_1C_5M_2T_QPSK - Middle Channel, Port 1)

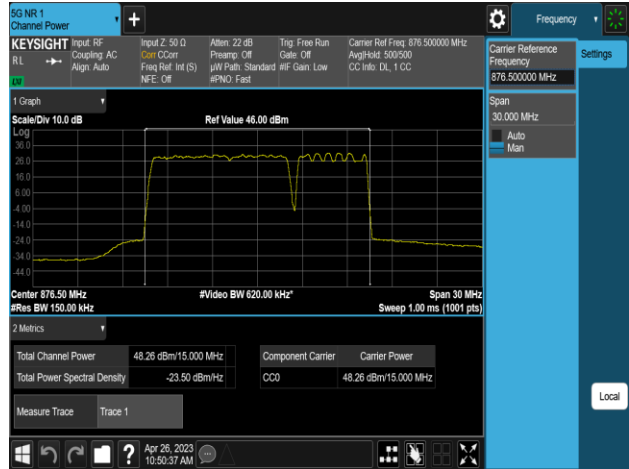


Plot 8-122. Conducted Average Output Power Plot
(MSR 3C_NR n5_2C_10M+10M+LTE B5_1C_5M_2T_16QAM - Middle Channel, Port 1)

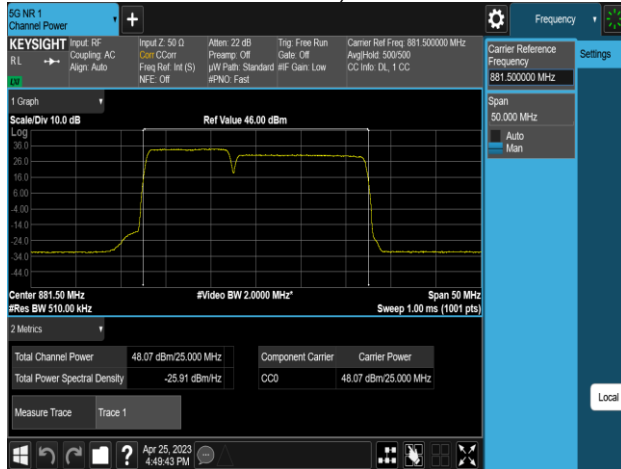
FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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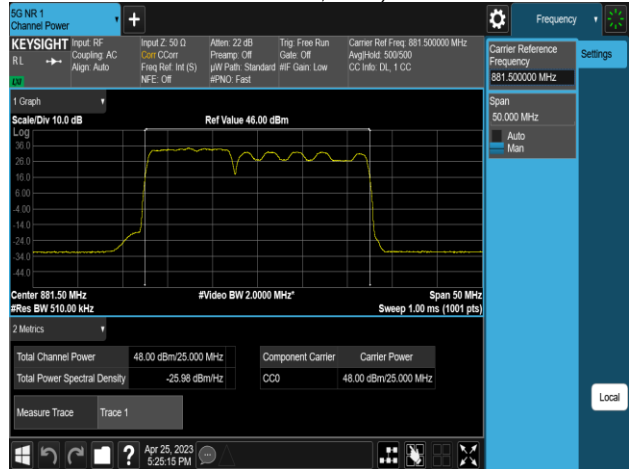
Plot 8-123. Conducted Average Output Power Plot
(MSR 2C_DSS B(n)5_1C_10M+NR n5_1C_5M_2T_QPSK - Low Channel, Port 1)



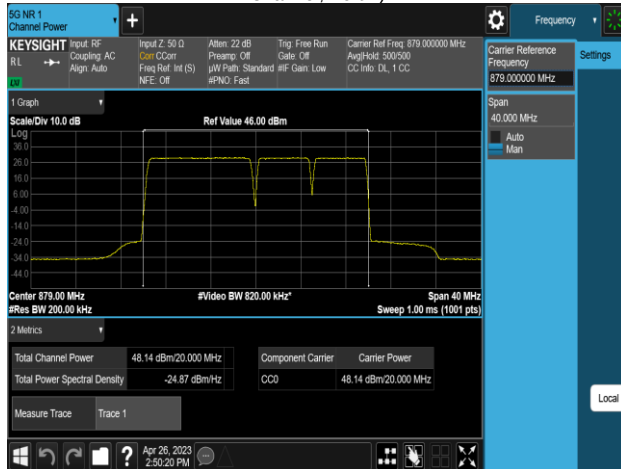
Plot 8-124. Conducted Average Output Power Plot
(MSR 2C_DSS B(n)5_1C_10M+NR n5_1C_5M_2T_16QAM - Low Channel, Port 1)



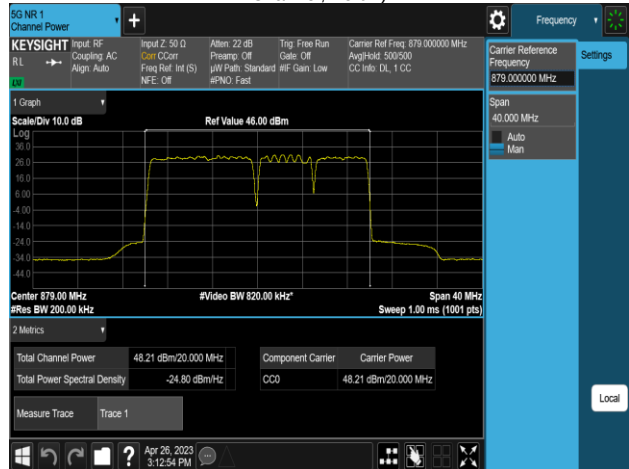
Plot 8-125. Conducted Average Output Power Plot
(MSR 2C_DSS B(n)5_1C_10M+NR n5_1C_15M_2T_QPSK - Middle Channel, Port 1)



Plot 8-126. Conducted Average Output Power Plot
(MSR 2C_DSS B(n)5_1C_10M+NR n5_1C_15M_2T_16QAM - Middle Channel, Port 1)

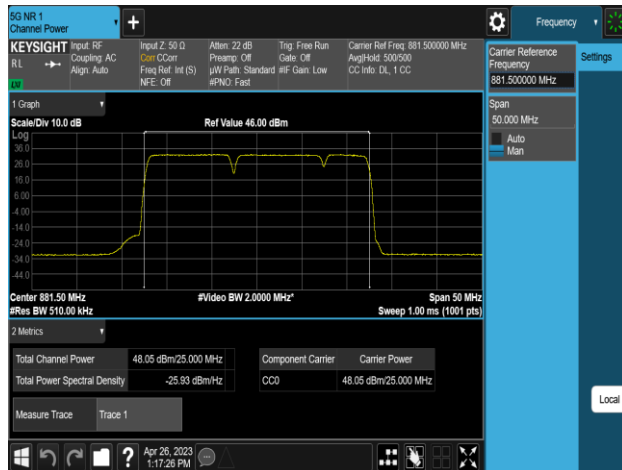


Plot 8-127. Conducted Average Output Power Plot
(MSR 3C_DSS B(n)5_1C_10M+NR n5_1C_5M+LTE B5_1C_5M_2T_QPSK - Low Channel, Port 1)

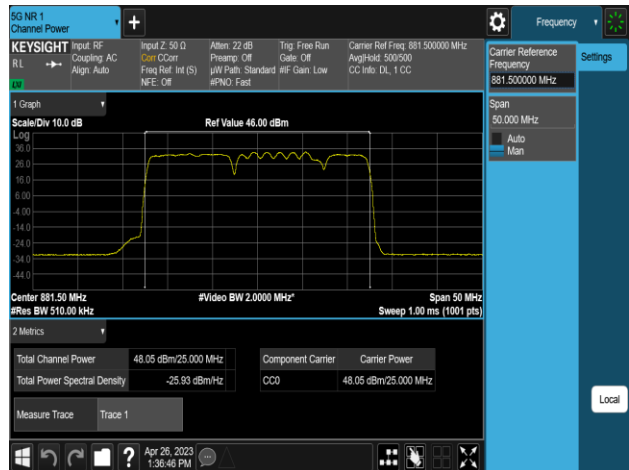


Plot 8-128. Conducted Average Output Power Plot
(MSR 3C_DSS B(n)5_1C_10M+NR n5_1C_5M+LTE B5_1C_5M_2T_16QAM - Low Channel, Port 1)

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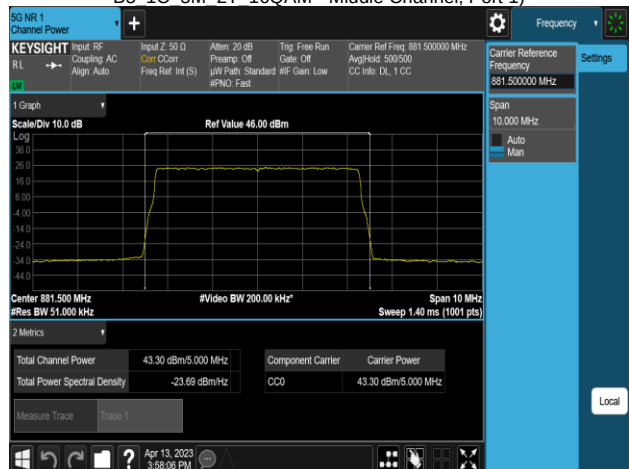
Plot 8-129. Conducted Average Output Power Plot
(MSR 3C_DSS B(n)5_1C_10M+NR n5_1C_10M+LTE
B5 1C 5M 2T QPSK - Middle Channel, Port 1)



Plot 8-130. Conducted Average Output Power Plot
(MSR 3C_DSS B(n)5_1C_10M+NR n5_1C_10M+LTE
B5 1C 5M 2T 16QAM - Middle Channel, Port 1)



Plot 8-131. Conducted Average Output Power Plot
(LTE B5 1C 5M 4T QPSK - Low Channel, Port 0)



Plot 8-132. Conducted Average Output Power Plot
(LTE B5 1C 5M 4T 256QAM - Middle Channel, Port 0)

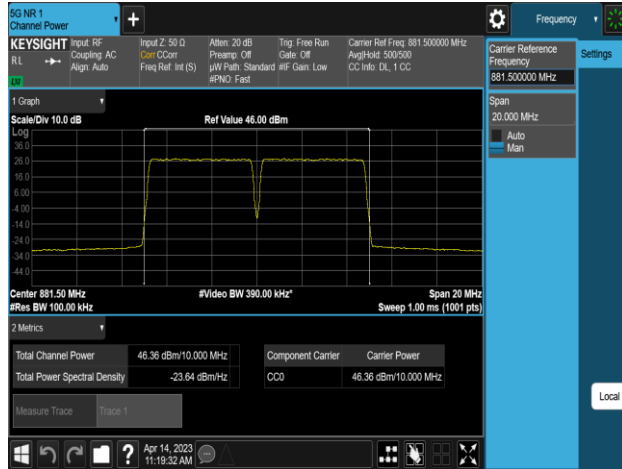


Plot 8-133. Conducted Average Output Power Plot
(LTE B5_1C_10M_4T_QPSK - High Channel, Port 0)

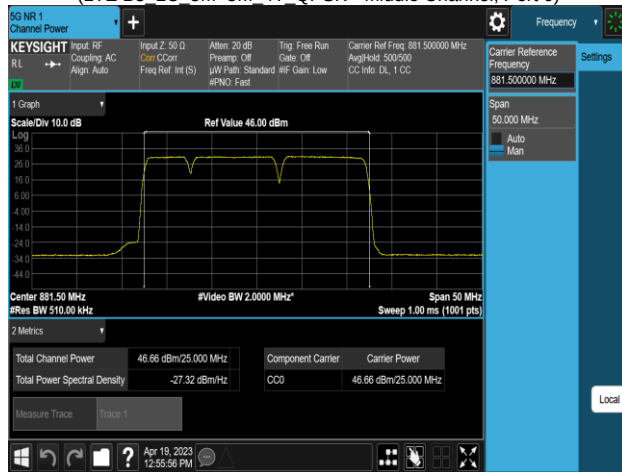


Plot 8-134. Conducted Average Output Power Plot
(LTE B5_1C_10M_4T_256QAM - Middle Channel, Port 0)

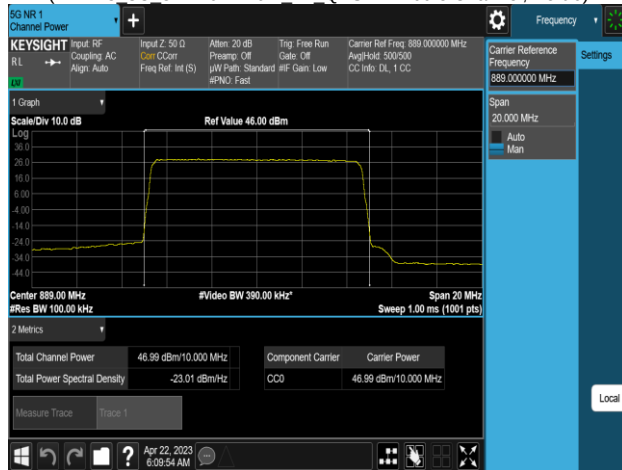
FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K23040701-00-R2.A3L	Test Dates: 04/12/2023 - 05/26/2023	EUT Type: RRU(RF4461d)		Page 109 of 394



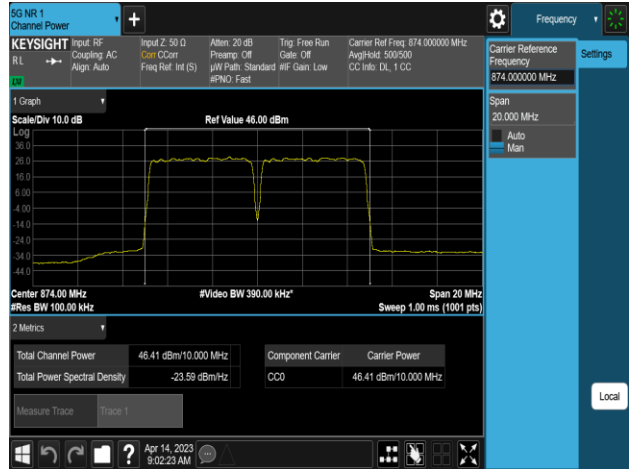
Plot 8-135. Conducted Average Output Power Plot
(LTE B5 2C 5M+5M 4T_QPSK - Middle Channel, Port 0)



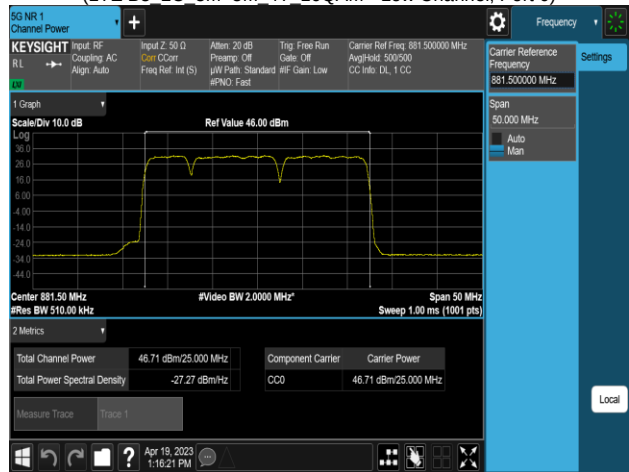
Plot 8-137. Conducted Average Output Power Plot
(LTE B5 3C 5M+10M+10M 4T_QPSK - Middle Channel, Port 0)



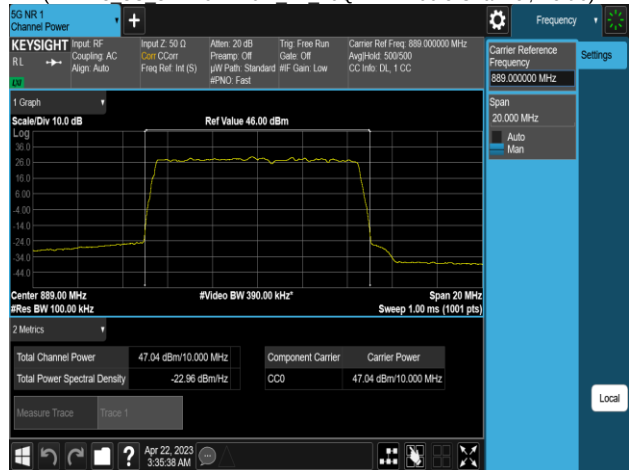
Plot 8-139. Conducted Average Output Power Plot
(DSS_B(n)_10M(4:6 Ratio)_1C_4T_QPSK - Low Channel, Port 0)



Plot 8-136. Conducted Average Output Power Plot
(LTE B5 2C 5M+5M 4T_16QAM - Low Channel, Port 0)

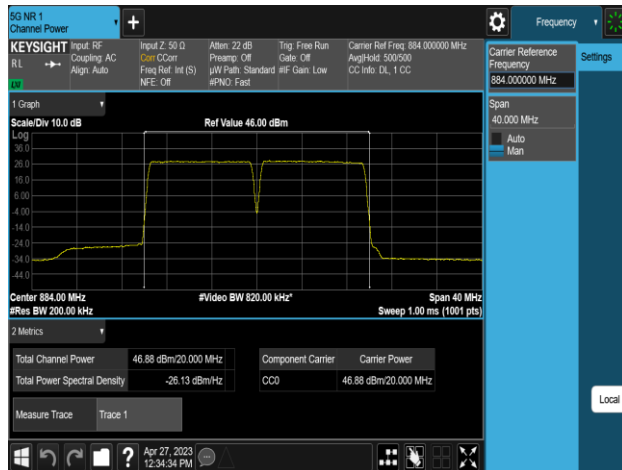


Plot 8-138. Conducted Average Output Power Plot
(LTE B5 3C 5M+10M+10M 4T_16QAM - Middle Channel, Port 0)

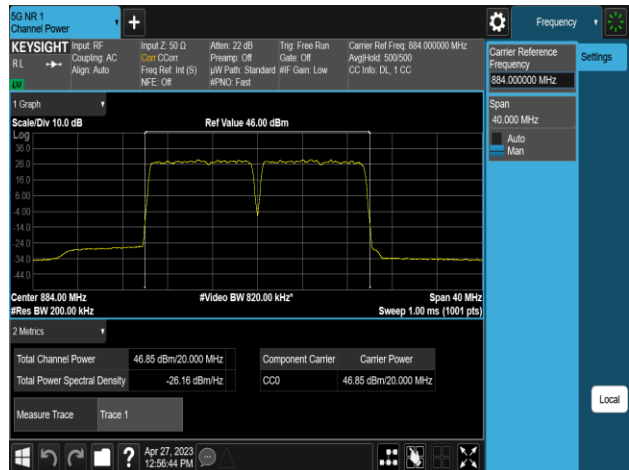


Plot 8-140. Conducted Average Output Power Plot
(DSS_B(n)_10M(9:1 Ratio)_1C_4T_QPSK - High Channel, Port 0)

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Plot 8-141. Conducted Average Output Power Plot
(DSS B(n) 2C 10M+10M 4T QPSK - High Channel, Port 0)



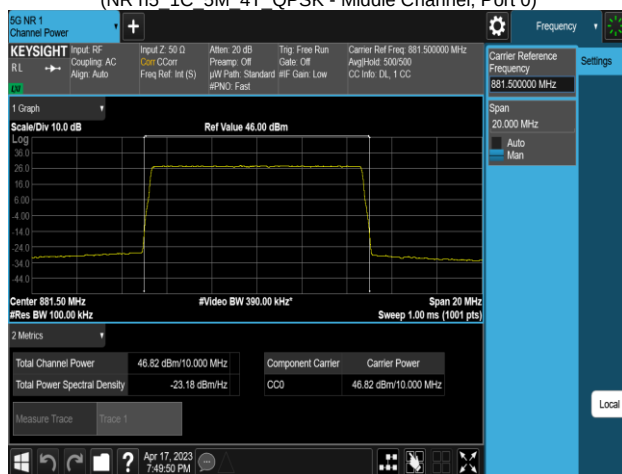
Plot 8-142. Conducted Average Output Power Plot
(DSS B(n) 2C 10M+10M 4T 16QAM - High Channel, Port 0)



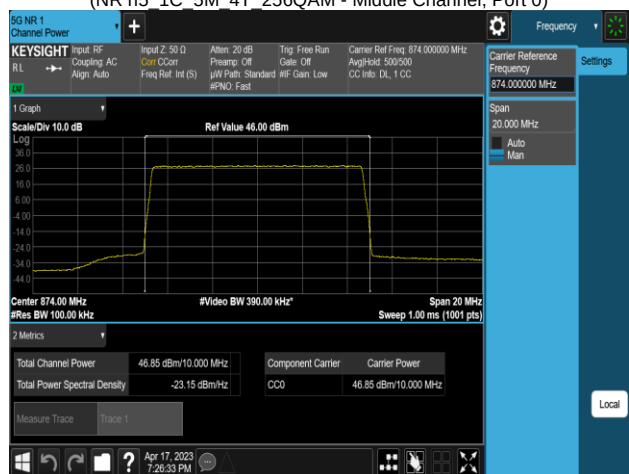
Plot 8-143. Conducted Average Output Power Plot
(NR n5 1C 5M 4T QPSK - Middle Channel, Port 0)



Plot 8-144. Conducted Average Output Power Plot
(NR n5 1C 5M 4T 16QAM - Middle Channel, Port 0)

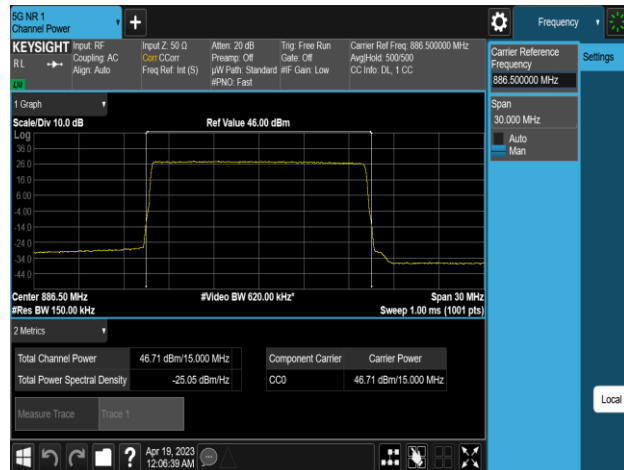


Plot 8-145. Conducted Average Output Power Plot
(NR n5 1C 10M 4T QPSK - Middle Channel, Port 0)

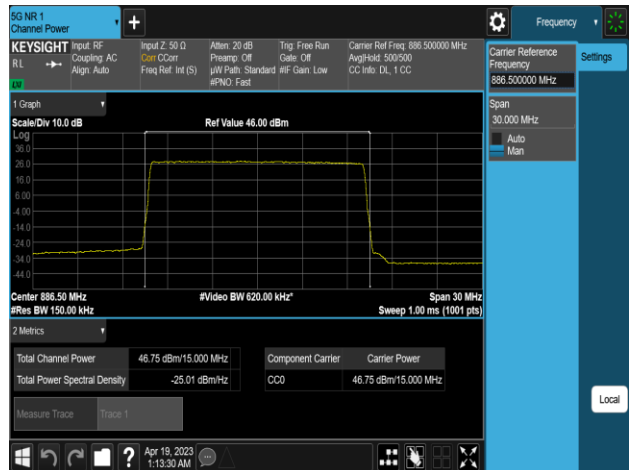


Plot 8-146. Conducted Average Output Power Plot
(NR n5 1C 10M 4T 256QAM - Low Channel, Port 0)

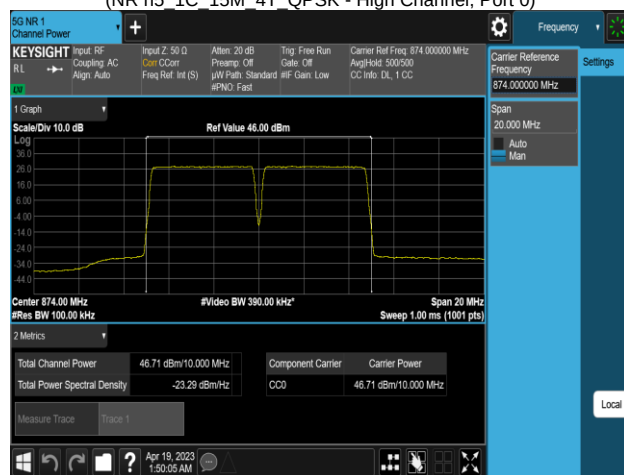
FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 8K23040701-00-R2.A3L	Test Dates: 04/12/2023 - 05/26/2023	EUT Type: RRU(RF4461d)		Page 111 of 394



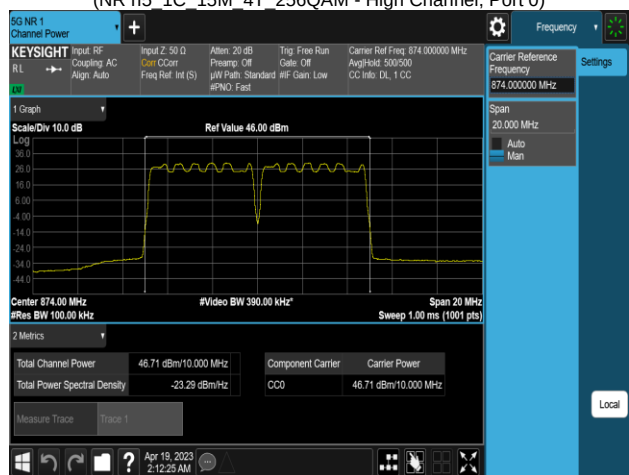
Plot 8-147. Conducted Average Output Power Plot
(NR n5_1C_15M_4T_QPSK - High Channel, Port 0)



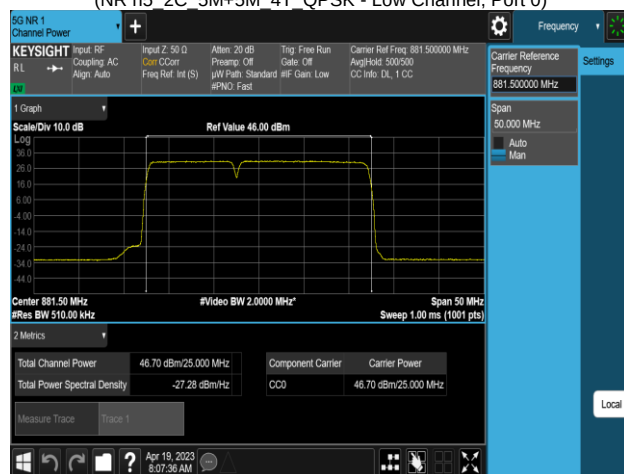
Plot 8-148. Conducted Average Output Power Plot
(NR n5_1C_15M_4T_256QAM - High Channel, Port 0)



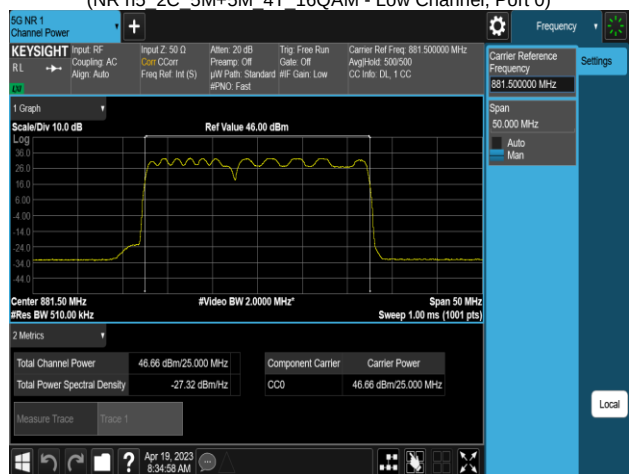
Plot 8-149. Conducted Average Output Power Plot
(NR n5_2C_5M+5M_4T_QPSK - Low Channel, Port 0)



Plot 8-150. Conducted Average Output Power Plot
(NR n5_2C_5M+5M_4T_256QAM - Low Channel, Port 0)



Plot 8-151. Conducted Average Output Power Plot
(NR n5_2C_10M+15M_4T_QPSK - Middle Channel, Port 0)

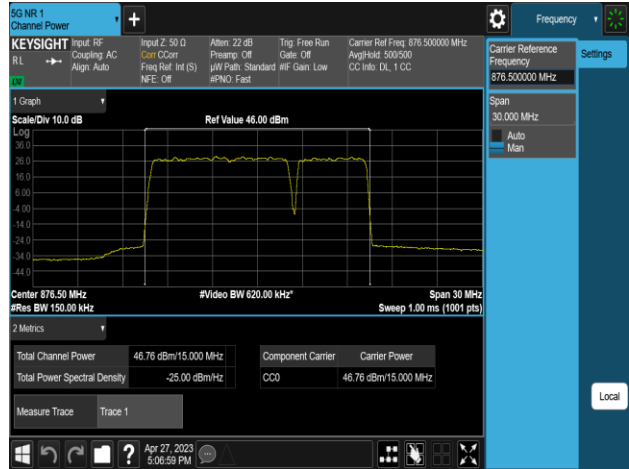


Plot 8-152. Conducted Average Output Power Plot
(NR n5_2C_10M+15M_4T_16QAM - Middle Channel, Port 0)

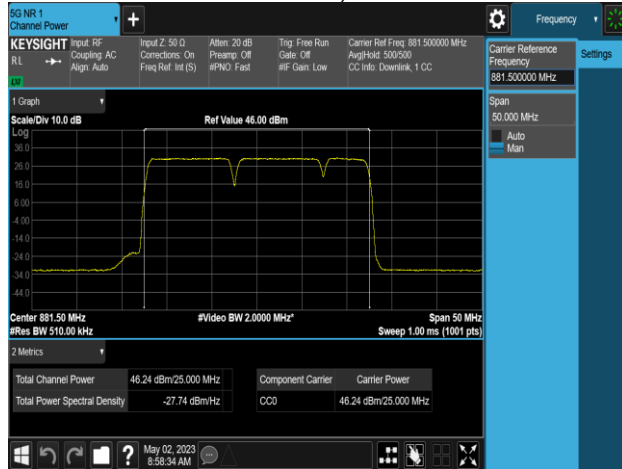
FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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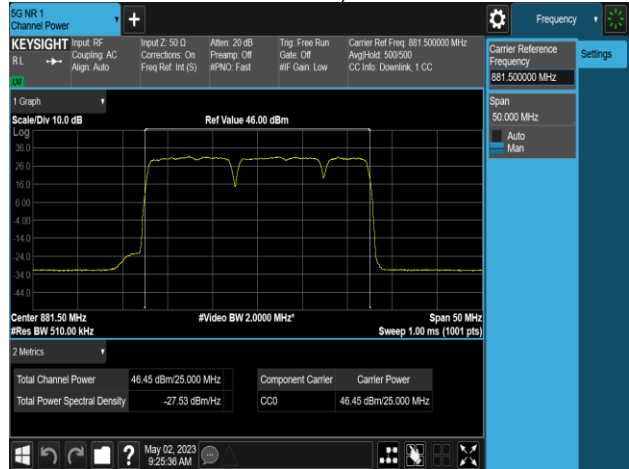
Plot 8-153. Conducted Average Output Power Plot
(MSR 2C_DSS B(n)5_2C_10M+LTE B5_5M_4T_QPSK - Middle Channel, Port 0)



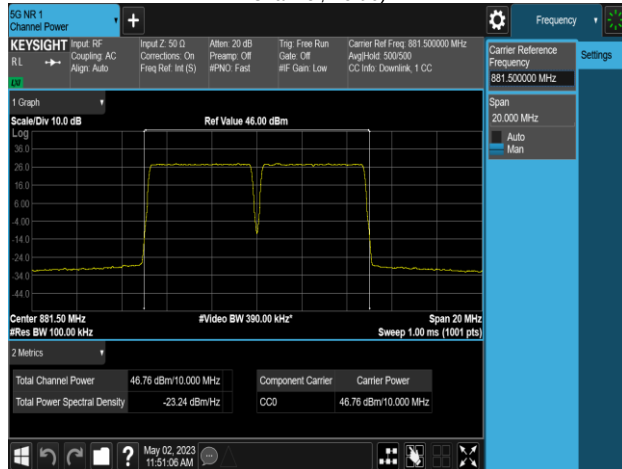
Plot 8-154. Conducted Average Output Power Plot
(MSR 2C_DSS B(n)5_2C_10M+LTE B5_5M_4T_16QAM - Low Channel, Port 0)



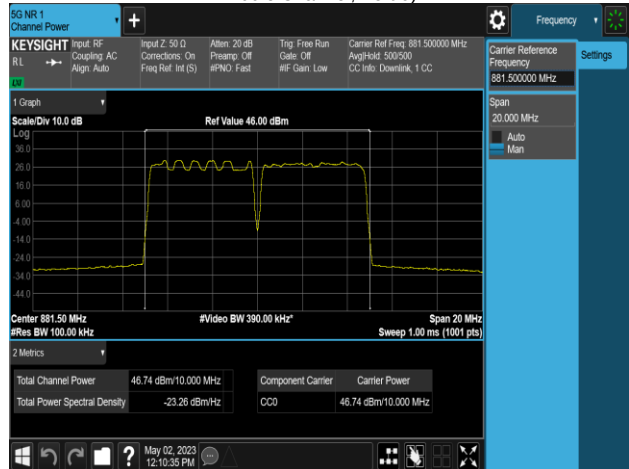
Plot 8-155. Conducted Average Output Power Plot
(MSR 3C_DSS B(n)5_2C_10M+10M+LTE B5_1C_5M_4T_QPSK - Middle Channel, Port 0)



Plot 8-156. Conducted Average Output Power Plot
(MSR 3C_DSS B(n)5_2C_10M+10M+LTE B5_1C_5M_4T_16QAM - Middle Channel, Port 0)

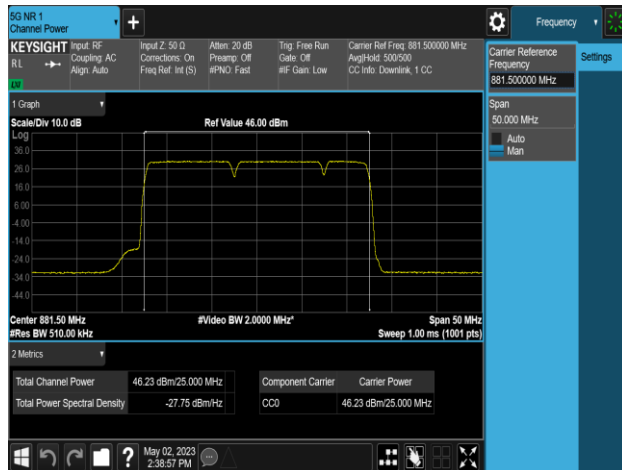


Plot 8-157. Conducted Average Output Power Plot
(MSR 2C_NR n5_1C_5M+LTE B5_1C_5M_4T_QPSK - Middle Channel, Port 0)



Plot 8-158. Conducted Average Output Power Plot
(MSR 2C_NR n5_1C_5M+LTE B5_1C_5M_4T_16QAM - Middle Channel, Port 0)

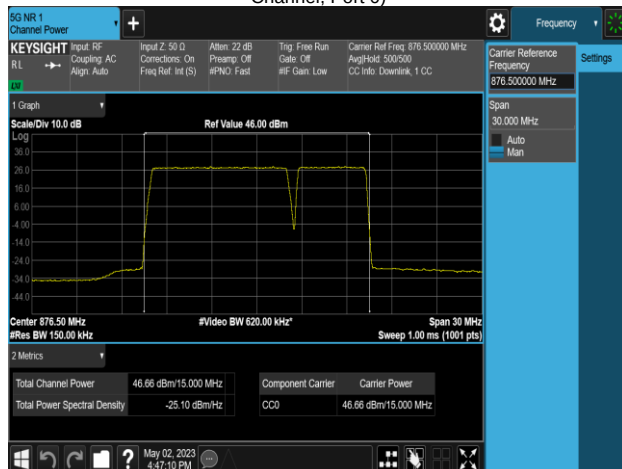
FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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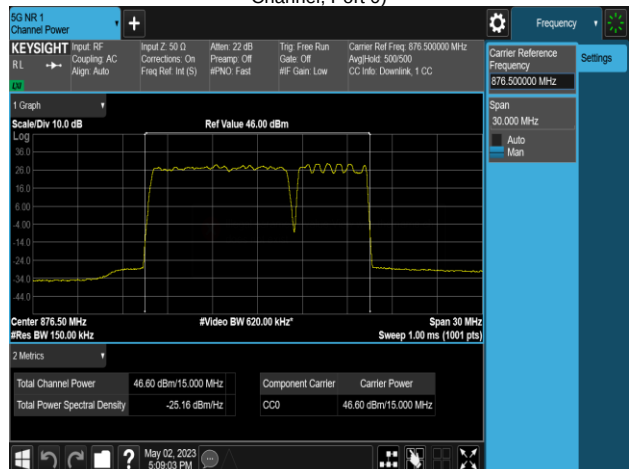
Plot 8-159. Conducted Average Output Power Plot
(MSR 3C_NR n5_2C_10M+10M+LTE B5_1C_5M_4T_QPSK - Middle Channel, Port 0)



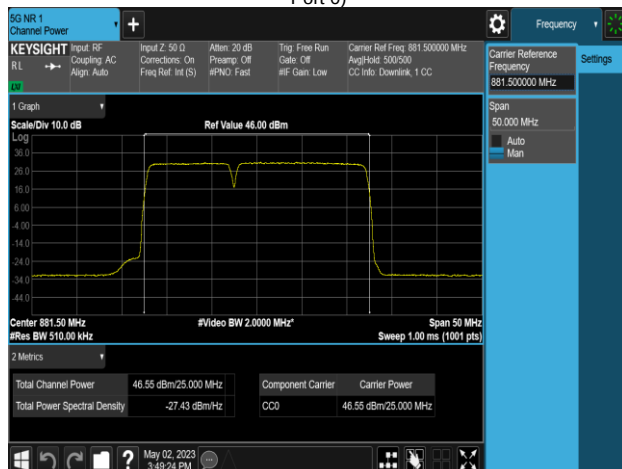
Plot 8-160. Conducted Average Output Power Plot
(MSR 3C_NR n5_2C_10M+10M+LTE B5_1C_5M_4T_16QAM - Middle Channel, Port 0)



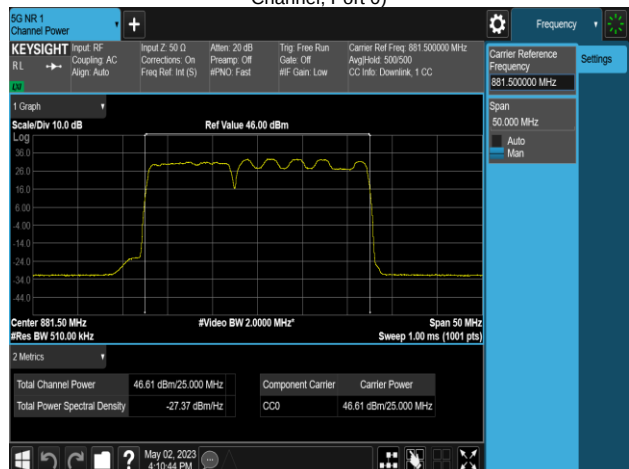
Plot 8-161. Conducted Average Output Power Plot
(MSR 2C_DSS B(n)5_1C_10M+NR n5_1C_5M_4T_QPSK - Low Channel, Port 0)



Plot 8-162. Conducted Average Output Power Plot
(MSR 2C_DSS B(n)5_1C_10M+NR n5_1C_5M_4T_16QAM - Low Channel, Port 0)

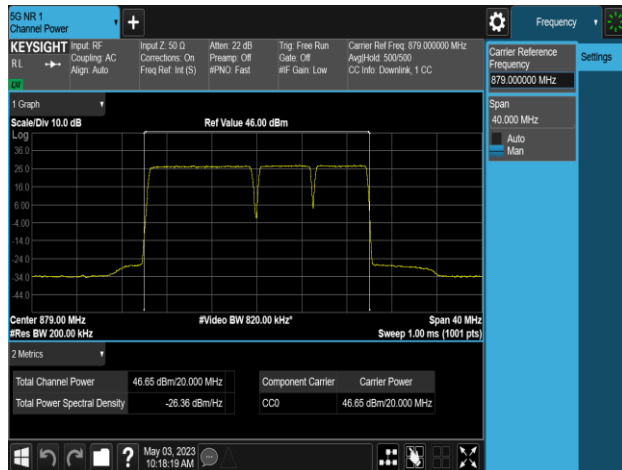


Plot 8-163. Conducted Average Output Power Plot
(MSR 2C_DSS B(n)5_1C_10M+NR n5_1C_15M_4T_QPSK - Middle Channel, Port 0)

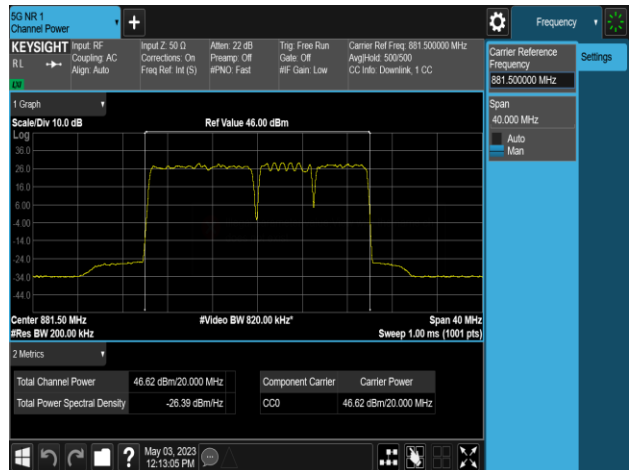


Plot 8-164. Conducted Average Output Power Plot
(MSR 2C_DSS B(n)5_1C_10M+NR n5_1C_15M_4T_16QAM - Middle Channel, Port 0)

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Plot 8-165. Conducted Average Output Power Plot
(MSR 3C_DSS B(n)5_1C_10M+MSR 2C_NR n5_1C_5M+LTE
B5 1C 5M 4T QPSK - Low Channel, Port 0)



Plot 8-166. Conducted Average Output Power Plot
(MSR 3C_DSS B(n)5_1C_10M+NR n5_1C_5M+LTE
B5 1C 5M 4T 16QAM - Middle Channel, Port 0)



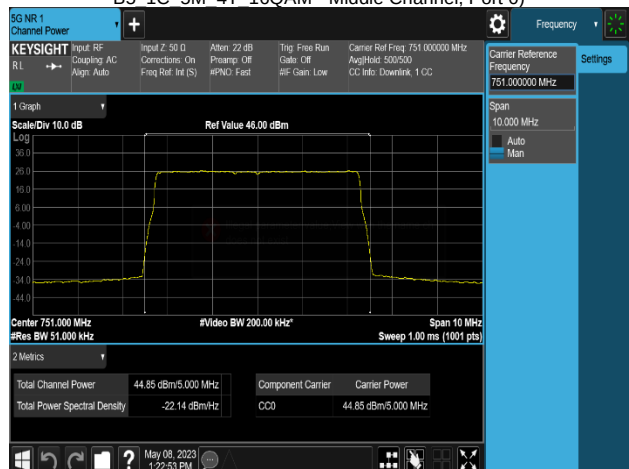
Plot 8-167. Conducted Average Output Power Plot
(MSR 3C_DSS B(n)5_1C_10M+NR n5_1C_10M+LTE
B5 1C 5M 4T QPSK - Middle Channel, Port 0)



Plot 8-168. Conducted Average Output Power Plot
(MSR 3C_DSS B(n)5_1C_10M+NR n5_1C_10M+LTE
B5 1C 5M 4T 16QAM - Middle Channel, Port 0)

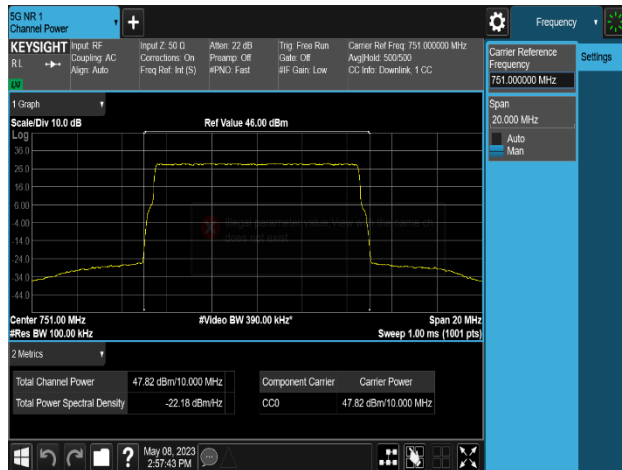


Plot 8-169. Conducted Average Output Power Plot
(LTE B13_1C_5M_2T_QPSK - High Channel, Port 1)

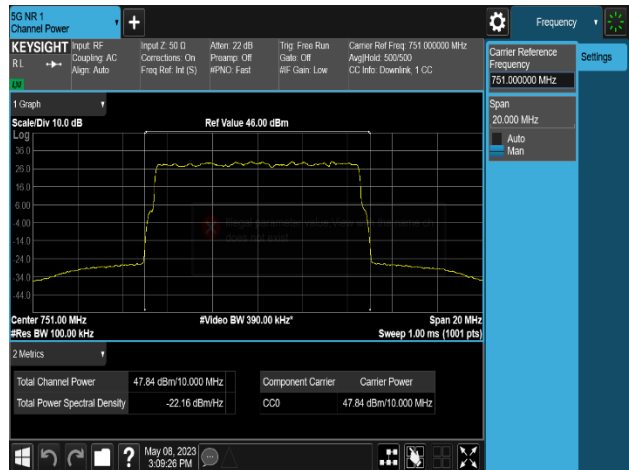


Plot 8-170. Conducted Average Output Power Plot
(LTE B13_1C_5M_2T_64QAM - Mid Channel, Port 1)

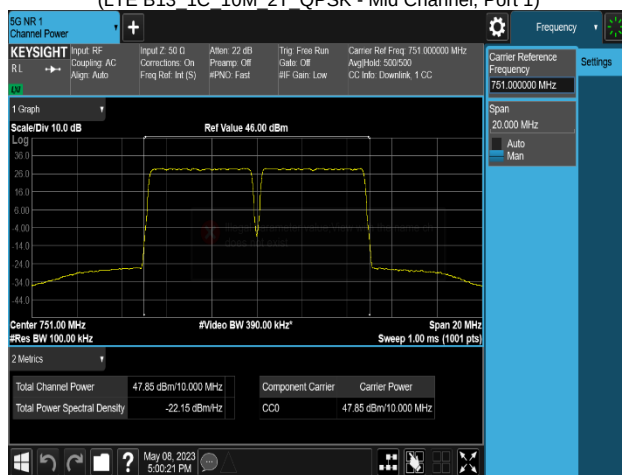
FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 8-171. Conducted Average Output Power Plot (LTE B13 1C 10M 2T QPSK - Mid Channel, Port 1)



Plot 8-172. Conducted Average Output Power Plot (LTE B13 1C 10M 2T 16QAM - Mid Channel, Port 1)



Plot 8-173. Conducted Average Output Power Plot (LTE B13 2C 5M+5M 2T QPSK - Mid Channel, Port 1)



Plot 8-174. Conducted Average Output Power Plot (LTE B13 2C 5M+5M 2T 16QAM - Mid Channel, Port 1)

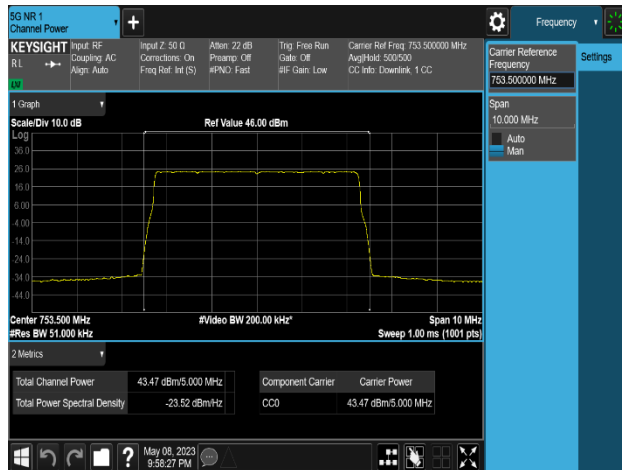


Plot 8-175. Conducted Average Output Power Plot (LTE_B13_5M(LTE)+NB-IoT(11B)_1C_2T_QPSK - Mid Channel, Port 1)

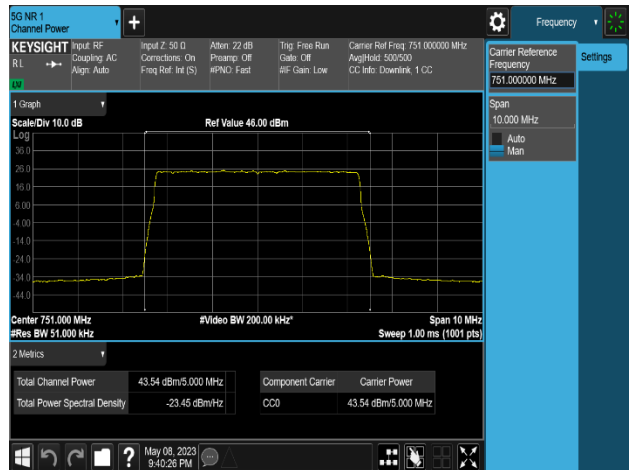


Plot 8-176. Conducted Average Output Power Plot (LTE_B13_10M(LTE)+NB-IoT(21B)_1C_2T_QPSK - Mid Channel, Port 0)

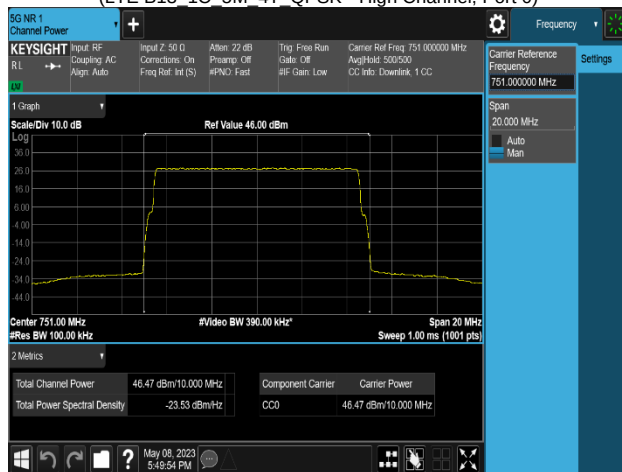
FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 8-177. Conducted Average Output Power Plot
(LTE B13 1C 5M 4T QPSK - High Channel, Port 0)



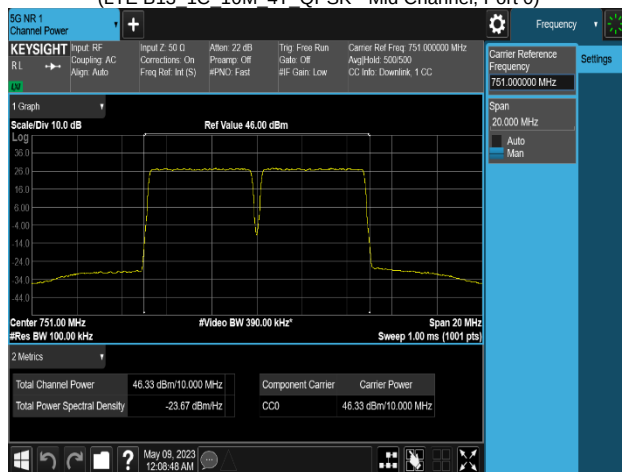
Plot 8-178. Conducted Average Output Power Plot
(LTE B13 1C 5M 2T 256QAM - Mid Channel, Port 0)



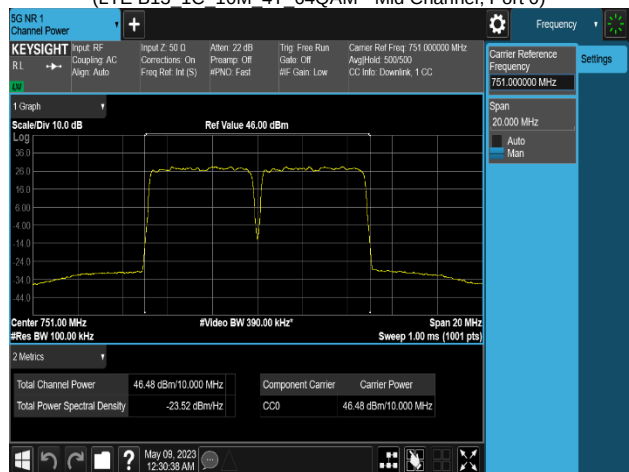
Plot 8-179. Conducted Average Output Power Plot
(LTE B13 1C 10M 4T QPSK - Mid Channel, Port 0)



Plot 8-180. Conducted Average Output Power Plot
(LTE B13 1C 10M 2T 256QAM - Mid Channel, Port 0)



Plot 8-181. Conducted Average Output Power Plot
(LTE B13 2C 5M+5M 4T QPSK - Mid Channel, Port 0)

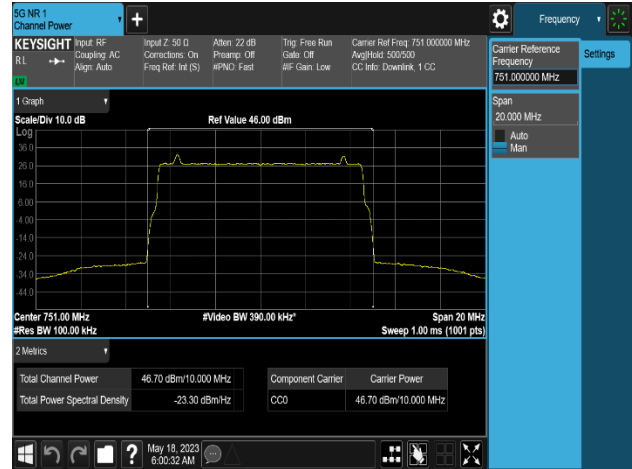


Plot 8-182. Conducted Average Output Power Plot
(LTE B13 2C 5M+5M 4T 16QAM - Mid Channel, Port 0)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 8-183. Conducted Average Output Power Plot
(LTE_B13_5M(LTE)+NB-IoT(1IB)_1C_4T_QPSK - Mid Channel, Port 3)



Plot 8-184. Conducted Average Output Power Plot
(LTE_B13_10M(LTE)+NB-IoT(2IB)_1C_4T_QPSK - Mid Channel, Port 3)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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8.4 Peak To Average Ratio

Test Overview

The peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

Test Procedure Used

KDB 971168 D01 v03r01 – Section 5.7

ANSI C63.26-2015 – Section 5.2.3.4

Test Setting

The measurement was made using a direct connection between the RF output of the EUT and the spectrum analyzer. The spectrum analyzer settings were as follows:

1. The signal analyzer's CCDF function is enabled.
2. Frequency = carrier center frequency
3. Measurement BW $\geq$ OBW or specified reference bandwidth
4. The signal analyzer was set to collect one million samples to generate the CCDF curve
5. The measurement interval was set depending on the type of signal analyzed. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms.

Test Setup

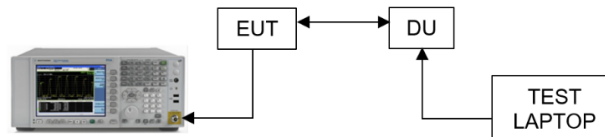


Figure 8-3. Test Instrument & Measurement Setup

Limit

The peak-to-average power ratio (PAPR) limit shall not exceed 13 dB for more than 0.1% of the time.

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Channel	Port	PAPR (dB)				Limit (dB)
		QPSK	16QAM	64QAM	256QAM	
Low	0	8.42	8.38	8.53	8.35	≤ 13
	1	8.41	8.41	8.52	8.31	≤ 13
Middle	0	8.39	8.39	8.49	8.34	≤ 13
	1	8.41	8.43	8.51	8.36	≤ 13
High	0	8.40	8.41	8.46	8.40	≤ 13
	1	8.35	8.37	8.48	8.38	≤ 13

Table 8-110. Peak To Average Power Ratio Summary Data (LTE B5_1C_5M_2T)

Channel	Port	PAPR (dB)				Limit (dB)
		QPSK	16QAM	64QAM	256QAM	
Low	0	7.64	7.61	7.62	7.64	≤ 13
	1	7.64	7.61	7.61	7.65	≤ 13
Middle	0	7.59	7.59	7.59	7.60	≤ 13
	1	7.58	7.59	7.58	7.60	≤ 13
High	0	7.78	7.83	7.79	7.81	≤ 13
	1	7.78	7.82	7.77	7.80	≤ 13

Table 8-111. Peak To Average Power Ratio Summary Data (LTE B5_1C_10M_2T)

Channel	Port	PAPR (dB)		Limit (dB)
		QPSK	16QAM	
Low	0	7.99	8.00	≤ 13
	1	8.02	7.98	≤ 13
Middle	0	8.02	7.99	≤ 13
	1	7.99	8.01	≤ 13
High	0	7.83	7.83	≤ 13
	1	7.82	7.86	≤ 13

Table 8-112. Peak To Average Power Ratio Summary Data (LTE B5_2C_5M+5M_2T)

Channel	Port	PAPR (dB)		Limit (dB)
		QPSK	16QAM	
Middle	0	8.11	8.05	≤ 13
	1	8.07	8.08	≤ 13

Table 8-113. Peak To Average Power Ratio Summary Data (LTE B5_3C_5M+10M+10M_2T)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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DSS Ratio	Channel	Port	PAPR (dB)				Limit (dB)
			QPSK	16QAM	64QAM	256QAM	
LTE 9 : NR 1	Low	0	8.00	8.01	8.43	8.02	≤ 13
		1	7.98	7.99	8.41	7.99	≤ 13
	Middle	0	8.00	8.02	8.28	8.02	≤ 13
		1	8.00	8.02	8.38	8.02	≤ 13
	High	0	8.13	8.05	8.31	8.04	≤ 13
		1	8.10	8.04	8.35	8.06	≤ 13
LTE 8 : NR 2	Low	0	8.01	8.02	8.01	8.03	≤ 13
		1	7.98	8.03	8.00	8.02	≤ 13
	Middle	0	8.01	8.04	8.04	8.04	≤ 13
		1	8.03	8.06	8.03	8.05	≤ 13
	High	0	8.14	8.10	8.11	8.11	≤ 13
		1	8.13	8.08	8.09	8.11	≤ 13
LTE 7 : NR 3	Low	0	8.00	8.06	8.03	8.07	≤ 13
		1	8.02	8.04	8.03	8.06	≤ 13
	Middle	0	8.04	8.07	8.06	8.07	≤ 13
		1	8.04	8.05	8.06	8.06	≤ 13
	High	0	8.17	8.15	8.11	8.15	≤ 13
		1	8.15	8.17	8.13	8.14	≤ 13
LTE 6 : NR 4	Low	0	8.03	8.07	8.05	8.13	≤ 13
		1	8.04	8.06	8.04	8.10	≤ 13
	Middle	0	8.07	8.09	8.06	8.09	≤ 13
		1	8.06	8.08	8.07	8.09	≤ 13
	High	0	8.03	8.07	8.05	8.13	≤ 13
		1	8.04	8.06	8.04	8.10	≤ 13
LTE 5 : NR 5	Low	0	8.06	8.08	8.09	8.11	≤ 13
		1	8.08	8.07	8.09	8.09	≤ 13
	Middle	0	8.08	8.10	8.07	8.10	≤ 13
		1	8.07	8.09	8.07	8.09	≤ 13
	High	0	8.21	8.24	8.22	8.22	≤ 13
		1	8.19	8.23	8.19	8.21	≤ 13
LTE 4 : NR 6	Low	0	8.10	8.09	8.13	8.16	≤ 13
		1	8.10	8.11	8.11	8.15	≤ 13
	Middle	0	8.09	8.08	8.08	8.10	≤ 13
		1	8.09	8.08	8.09	8.10	≤ 13
	High	0	8.29	8.27	8.23	8.29	≤ 13
		1	8.26	8.23	8.23	8.24	≤ 13
LTE 3 : NR 7	Low	0	8.09	8.14	8.09	8.17	≤ 13
		1	8.11	8.13	8.14	8.18	≤ 13
	Middle	0	8.10	8.10	8.09	8.12	≤ 13
		1	8.11	8.13	8.10	8.10	≤ 13
	High	0	8.29	8.32	8.29	8.30	≤ 13
		1	8.27	8.28	8.25	8.29	≤ 13
LTE 2 : NR 8	Low	0	8.13	8.14	8.11	8.19	≤ 13
		1	8.13	8.15	8.11	8.18	≤ 13
	Middle	0	8.15	8.14	8.10	8.12	≤ 13
		1	8.12	8.13	8.10	8.11	≤ 13
	High	0	8.32	8.33	8.32	8.31	≤ 13
		1	8.32	8.30	8.30	8.30	≤ 13

Table 8-114. Peak To Average Power Ratio Summary Data (DSS B(n)5_1C_10M_2T)

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DSS Ratio	Channel	Port	PAPR (dB)		Limit (dB)
			QPSK	16QAM	
LTE 9 : NR 1	Low	0	8.01	8.04	≤ 13
		1	8.00	8.01	≤ 13
	Middle	0	8.00	8.04	≤ 13
		1	8.03	7.99	≤ 13
	High	0	8.14	8.16	≤ 13
		1	8.16	8.14	≤ 13

Table 8-115. Peak To Average Power Ratio Summary Data (DSS B(n)5_2C_10M+10M_2T)

Channel	Port	PAPR (dB)				Limit (dB)
		QPSK	16QAM	64QAM	256QAM	
Low	0	8.41	8.34	8.37	8.40	≤ 13
	1	8.34	8.34	8.36	8.36	≤ 13
Middle	0	8.33	8.31	8.36	8.43	≤ 13
	1	8.40	8.33	8.39	8.39	≤ 13
High	0	8.31	8.36	8.37	8.40	≤ 13
	1	8.32	8.34	8.38	8.39	≤ 13

Table 8-116. Peak To Average Power Ratio Summary Data (NR n5_1C_5M_2T)

Channel	Port	PAPR (dB)				Limit (dB)
		QPSK	16QAM	64QAM	256QAM	
Low	0	7.62	7.64	7.63	7.61	≤ 13
	1	7.60	7.64	7.62	7.62	≤ 13
Middle	0	7.60	7.61	7.60	7.58	≤ 13
	1	7.60	7.61	7.59	7.56	≤ 13
High	0	7.83	7.81	7.81	7.77	≤ 13
	1	7.80	7.79	7.77	7.76	≤ 13

Table 8-117. Peak To Average Power Ratio Summary Data (NR n5_1C_10M_2T)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
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Channel	Port	PAPR (dB)				Limit (dB)
		QPSK	16QAM	64QAM	256QAM	
Low	0	7.67	7.70	7.70	7.66	≤ 13
	1	7.67	7.71	7.69	7.68	≤ 13
Middle	0	7.59	7.60	7.59	7.60	≤ 13
	1	7.60	7.61	7.58	7.59	≤ 13
High	0	7.86	7.93	7.86	7.89	≤ 13
	1	7.86	7.92	7.87	7.89	≤ 13

Table 8-118. Peak To Average Power Ratio Summary Data (NR n5_1C_15M_2T)

Channel	Port	PAPR (dB)		Limit (dB)
		QPSK	16QAM	
Low	0	7.96	7.96	≤ 13
	1	8.02	7.95	≤ 13
Middle	0	8.01	8.00	≤ 13
	1	8.01	8.00	≤ 13
High	0	8.04	8.03	≤ 13
	1	8.04	8.03	≤ 13

Table 8-119. Peak To Average Power Ratio Summary Data (NR n5_2C_5M+5M_2T)

Channel	Port	PAPR (dB)		Limit (dB)
		QPSK	16QAM	
Middle	0	8.04	8.07	≤ 13
	1	8.03	8.03	≤ 13

Table 8-120. Peak To Average Power Ratio Summary Data (NR n5_2C_10M+15M_2T)

DSS Ratio	Channel	Port	PAPR (dB)		Limit (dB)
			QPSK	16QAM	
LTE 9 : NR 1	Low	0	8.03	7.99	≤ 13
		1	8.01	8.02	≤ 13
	Middle	0	8.06	8.02	≤ 13
		1	8.07	8.03	≤ 13
	High	0	8.20	8.15	≤ 13
		1	8.20	8.14	≤ 13

Table 8-121. Peak To Average Power Ratio Summary Data (MSR 2C_DSS B(n)5_1C_10M+LTE B5_1C_5M_2T)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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DSS Ratio	Channel	Port	PAPR (dB)		Limit (dB)
			QPSK	16QAM	
LTE 9 : NR 1	Middle	0	8.17	8.21	≤ 13
		1	8.17	8.16	≤ 13

Table 8-122. Peak To Average Power Ratio Summary Data (MSR 3C_DSS B(n)5_2C_10M+10M+LTE B5_1C_5M_2T)

Channel	Port	PAPR (dB)		Limit (dB)
		QPSK	16QAM	
Low	0	7.98	7.99	≤ 13
	1	7.97	7.95	≤ 13
Middle	0	7.99	8.01	≤ 13
	1	7.99	7.99	≤ 13
High	0	8.04	8.02	≤ 13
	1	8.00	8.01	≤ 13

Table 8-123. Peak To Average Power Ratio Summary Data (MSR 2C_NR n5_1C_5M+LTE B5_1C_5M_2T)

Channel	Port	PAPR (dB)		Limit (dB)
		QPSK	16QAM	
Middle	0	8.14	8.10	≤ 13
	1	8.14	8.12	≤ 13

Table 8-124. Peak To Average Power Ratio Summary Data (MSR 3C_NR n5_2C_10M+10M+LTE B5_1C_5M_2T)

DSS Ratio	Channel	Port	PAPR (dB)		Limit (dB)
			QPSK	16QAM	
LTE 9 : NR 1	Low	0	7.99	8.01	≤ 13
		1	8.01	8.03	≤ 13
	Middle	0	8.01	8.03	≤ 13
		1	8.04	8.04	≤ 13
	High	0	8.15	8.10	≤ 13
		1	8.14	8.17	≤ 13

Table 8-125. Peak To Average Power Ratio Summary Data (MSR 2C_DSS B(n)5_1C_10M+NR n5_1C_5M_2T)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
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DSS Ratio	Channel	Port	PAPR (dB)		Limit (dB)
			QPSK	16QAM	
LTE 9 : NR 1	Middle	0	8.04	8.09	≤ 13
		1	8.06	8.04	≤ 13

Table 8-126. Peak To Average Power Ratio Summary Data (MSR 2C_DSS B(n)5_1C_10M+NR n5_1C_15M_2T)

DSS Ratio	Channel	Port	PAPR (dB)		Limit (dB)
			QPSK	16QAM	
LTE 9 : NR 1	Low	0	7.97	7.98	≤ 13
		1	7.98	7.99	≤ 13
	Middle	0	8.00	7.99	≤ 13
		1	8.04	8.01	≤ 13
	High	0	8.18	8.14	≤ 13
		1	8.11	8.13	≤ 13

Table 8-127. Peak To Average Power Ratio Summary Data (MSR 3C_DSS B(n)5_1C_10M+NR n5_1C_5M+LTE B5_1C_5M_2T)

DSS Ratio	Channel	Port	PAPR (dB)		Limit (dB)
			QPSK	16QAM	
LTE 9 : NR 1	Middle	0	8.16	8.17	≤ 13
		1	8.14	8.15	≤ 13

Table 8-128. Peak To Average Power Ratio Summary Data (MSR 3C_DSS B(n)5_1C_10M+NR n5_1C_10M+LTE B5_1C_5M_2T)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
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Channel	Port	PAPR (dB)				Limit (dB)
		QPSK	16QAM	64QAM	256QAM	
Low	0	8.27	8.41	8.34	8.31	≤ 13
	1	8.25	8.41	8.33	8.31	≤ 13
Middle	0	8.28	8.43	8.34	8.30	≤ 13
	1	8.29	8.44	8.34	8.29	≤ 13
High	0	8.27	8.42	8.35	8.29	≤ 13
	1	8.28	8.43	8.33	8.28	≤ 13

Table 8-129. Peak To Average Power Ratio Summary Data (LTE B13_1C_5M_2T)

Channel	Port	PAPR (dB)				Limit (dB)
		QPSK	16QAM	64QAM	256QAM	
Middle	0	7.61	7.60	7.62	7.59	≤ 13
	1	7.60	7.59	7.62	7.59	≤ 13

Table 8-130. Peak To Average Power Ratio Summary Data (LTE B13_1C_10M_2T)

Channel	Port	PAPR (dB)		Limit (dB)
		QPSK	16QAM	
Middle	0	7.64	7.65	≤ 13
	1	7.63	7.64	≤ 13

Table 8-131. Peak To Average Power Ratio Summary Data (LTE B13_2C_5M+5M_2T)

Channel	Port	PAPR (dB)	Limit (dB)
		QPSK	
Low	0	8.48	≤ 13
	1	8.47	≤ 13
Middle	0	8.39	≤ 13
	1	8.40	≤ 13
High	0	8.45	≤ 13
	1	8.44	≤ 13

Table 8-132. Peak To Average Power Ratio Summary Data (LTE B13_1C_5M+NB-IoT(1B)_2T)

Channel	Port	PAPR (dB)				Limit (dB)
		QPSK				
		LTE B13_1C_10M+ NB-IoT(2GB)	LTE B13_1C_10M+ NB-IoT(GB+IB)	LTE B13_1C_10M+ NB-IoT(IB+GB)	LTE B13_1C_10M+ NB-IoT(2IB)	
Middle	0	7.78	7.86	7.87	7.76	≤ 13
	1	7.78	7.87	7.87	7.76	≤ 13

Table 8-133. Peak To Average Power Ratio Summary Data (LTE B13_1C_10M+NB-IoT_2T)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Channel	Port	PAPR (dB)				Limit (dB)
		QPSK	16QAM	64QAM	256QAM	
Low	0	8.45	8.42	8.32	8.35	≤ 13
	1	8.42	8.41	8.25	8.35	≤ 13
	2	8.44	8.37	8.34	8.37	≤ 13
	3	8.40	8.37	8.31	8.36	≤ 13
Middle	0	8.47	8.40	8.32	8.38	≤ 13
	1	8.46	8.43	8.28	8.35	≤ 13
	2	8.47	8.35	8.34	8.35	≤ 13
	3	8.37	8.35	8.32	8.34	≤ 13
High	0	8.38	8.35	8.26	8.34	≤ 13
	1	8.41	8.35	8.27	8.32	≤ 13
	2	8.42	8.34	8.31	8.30	≤ 13
	3	8.39	8.31	8.33	8.30	≤ 13

Table 8-134. Peak To Average Power Ratio Summary Data (LTE B5_1C_5M_4T)

Channel	Port	PAPR (dB)				Limit (dB)
		QPSK	16QAM	64QAM	256QAM	
Low	0	8.35	8.37	8.39	8.42	≤ 13
	1	8.36	8.36	8.36	8.40	≤ 13
	2	7.63	7.63	7.64	7.65	≤ 13
	3	7.63	7.65	7.64	7.66	≤ 13
Middle	0	8.38	8.36	8.35	8.44	≤ 13
	1	8.37	8.34	8.33	8.40	≤ 13
	2	7.62	7.62	7.61	7.62	≤ 13
	3	7.61	7.62	7.62	7.62	≤ 13
High	0	8.38	8.34	8.36	8.41	≤ 13
	1	8.36	8.37	8.36	8.39	≤ 13
	2	7.82	7.74	7.80	7.82	≤ 13
	3	7.81	7.77	7.79	7.81	≤ 13

Table 8-135. Peak To Average Power Ratio Summary Data (LTE B5_1C_10M_4T)

FCC ID: A3LRF4461D-13A			MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Channel	Port	PAPR (dB)		Limit (dB)
		QPSK	16QAM	
Low	0	8.47	8.44	≤ 13
	1	8.47	8.44	≤ 13
	2	8.04	8.02	≤ 13
	3	8.03	8.02	≤ 13
Middle	0	8.44	8.43	≤ 13
	1	8.43	8.45	≤ 13
	2	8.07	8.06	≤ 13
	3	8.07	8.06	≤ 13
High	0	8.46	8.52	≤ 13
	1	8.39	8.51	≤ 13
	2	8.07	8.12	≤ 13
	3	8.07	8.12	≤ 13

Table 8-136. Peak To Average Power Ratio Summary Data (LTE B5_2C_5M+5M_4T)

Channel	Port	PAPR (dB)		Limit (dB)
		QPSK	16QAM	
Middle	0	8.39	8.38	≤ 13
	1	8.36	8.40	≤ 13
	2	7.88	7.91	≤ 13
	3	7.88	7.91	≤ 13

Table 8-137. Peak To Average Power Ratio Summary Data (LTE B5_3C_5M+10M+10M_4T)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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DSS Ratio	Channel	Port	PAPR (dB)				Limit (dB)
			QPSK	16QAM	64QAM	256QAM	
LTE 9 : NR 1	Low	0	8.51	8.52	8.85	8.54	≤ 13
		1	8.45	8.56	8.82	8.48	≤ 13
		2	8.01	8.02	8.51	8.04	≤ 13
		3	8.00	8.04	8.49	8.05	≤ 13
	Middle	0	8.48	8.54	8.80	8.54	≤ 13
		1	8.49	8.49	8.78	8.53	≤ 13
		2	8.03	8.09	8.38	8.06	≤ 13
		3	8.04	8.07	8.44	8.07	≤ 13
	High	0	8.50	8.48	8.81	8.54	≤ 13
		1	8.50	8.47	8.87	8.51	≤ 13
		2	8.05	8.06	8.46	8.08	≤ 13
		3	8.08	8.07	8.47	8.07	≤ 13
LTE 8 : NR 2	Low	0	8.54	8.66	8.62	8.58	≤ 13
		1	8.57	8.68	8.58	8.56	≤ 13
		2	8.05	8.08	8.06	8.05	≤ 13
		3	8.06	8.06	8.06	8.06	≤ 13
	Middle	0	8.56	8.57	8.62	8.62	≤ 13
		1	8.54	8.58	8.62	8.55	≤ 13
		2	8.06	8.07	8.07	8.07	≤ 13
		3	8.05	8.07	8.07	8.07	≤ 13
	High	0	8.59	8.56	8.61	8.50	≤ 13
		1	8.62	8.56	8.56	8.52	≤ 13
		2	8.13	8.07	8.13	8.09	≤ 13
		3	8.14	8.06	8.13	8.08	≤ 13
LTE 4 : NR 6	Low	0	8.82	8.80	8.90	8.95	≤ 13
		1	8.83	8.82	8.88	9.00	≤ 13
		2	8.11	8.11	8.13	8.14	≤ 13
		3	8.11	8.11	8.13	8.13	≤ 13
	Middle	0	8.82	8.84	8.95	9.01	≤ 13
		1	8.82	8.79	8.91	8.95	≤ 13
		2	8.11	8.10	8.13	8.10	≤ 13
		3	8.12	8.09	8.13	8.10	≤ 13
	High	0	8.84	8.79	8.88	8.90	≤ 13
		1	8.84	8.76	8.77	8.86	≤ 13
		2	8.27	8.20	8.27	8.27	≤ 13
		3	8.25	8.21	8.28	8.27	≤ 13

Table 8-138. Peak To Average Power Ratio Summary Data (DSS B(n)5_1C_10M_4T)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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DSS Ratio	Channel	Port	PAPR (dB)		Limit (dB)
			QPSK	16QAM	
LTE 9 : NR 1	Low	0	8.15	8.57	≤ 13
		1	8.51	8.52	≤ 13
		2	8.04	8.06	≤ 13
		3	8.05	8.04	≤ 13
	Middle	0	8.51	8.52	≤ 13
		1	8.52	8.48	≤ 13
		2	8.04	8.05	≤ 13
		3	8.04	8.05	≤ 13
	High	0	8.47	8.57	≤ 13
		1	8.51	8.50	≤ 13
		2	8.16	8.17	≤ 13
		3	8.16	8.19	≤ 13

Table 8-139. Peak To Average Power Ratio Summary Data (DSS B(n)5_2C_10M+10M_4T)

Channel	Port	PAPR (dB)				Limit (dB)
		QPSK	16QAM	64QAM	256QAM	
Low	0	8.37	8.28	8.39	8.34	≤ 13
	1	8.39	8.30	8.36	8.36	≤ 13
	2	8.39	8.28	8.32	8.31	≤ 13
	3	8.40	8.27	8.36	8.33	≤ 13
Middle	0	8.35	8.37	8.32	8.35	≤ 13
	1	8.37	8.29	8.32	8.39	≤ 13
	2	8.39	8.30	8.39	8.36	≤ 13
	3	8.39	8.34	8.36	8.39	≤ 13
High	0	8.36	8.35	8.35	8.31	≤ 13
	1	8.39	8.32	8.32	8.36	≤ 13
	2	8.41	8.31	8.36	8.32	≤ 13
	3	8.41	8.32	8.34	8.32	≤ 13

Table 8-140. Peak To Average Power Ratio Summary Data (NR n5_1C_5M_4T)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
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Channel	Port	PAPR (dB)				Limit (dB)
		QPSK	16QAM	64QAM	256QAM	
Low	0	8.36	8.33	8.43	8.42	≤ 13
	1	8.38	8.31	8.40	8.43	≤ 13
	2	7.64	7.62	7.65	7.65	≤ 13
	3	7.63	7.62	7.64	7.65	≤ 13
Middle	0	8.37	8.31	8.39	8.44	≤ 13
	1	8.38	8.30	8.38	8.45	≤ 13
	2	7.60	7.60	7.61	7.61	≤ 13
	3	7.60	7.61	7.60	7.61	≤ 13
High	0	8.40	8.32	8.36	8.43	≤ 13
	1	8.39	8.30	8.37	8.42	≤ 13
	2	7.80	7.75	7.80	7.80	≤ 13
	3	7.81	7.75	7.81	7.83	≤ 13

Table 8-141. Peak To Average Power Ratio Summary Data (NR n5_1C_10M_4T)

Channel	Port	PAPR (dB)				Limit (dB)
		QPSK	16QAM	64QAM	256QAM	
Low	0	8.36	8.34	8.41	8.32	≤ 13
	1	8.36	8.31	8.38	8.30	≤ 13
	2	7.69	7.68	7.67	7.69	≤ 13
	3	7.68	7.68	7.67	7.67	≤ 13
Middle	0	8.37	8.33	8.42	8.33	≤ 13
	1	8.37	8.30	8.43	8.33	≤ 13
	2	7.62	7.61	7.62	7.64	≤ 13
	3	7.62	7.62	7.63	7.64	≤ 13
High	0	8.36	8.27	8.36	8.35	≤ 13
	1	8.34	8.27	8.38	8.33	≤ 13
	2	7.90	7.89	7.90	7.89	≤ 13
	3	7.90	7.90	7.91	7.90	≤ 13

Table 8-142. Peak To Average Power Ratio Summary Data (NR n5_1C_15M_4T)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
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Channel	Port	PAPR (dB)		Limit (dB)
		QPSK	16QAM	
Low	0	8.43	8.42	≤ 13
	1	8.39	8.41	≤ 13
	2	8.00	8.02	≤ 13
	3	8.00	8.01	≤ 13
Middle	0	8.45	8.40	≤ 13
	1	8.41	8.46	≤ 13
	2	8.05	8.03	≤ 13
	3	8.01	8.03	≤ 13
High	0	8.41	8.42	≤ 13
	1	8.44	8.39	≤ 13
	2	8.08	8.07	≤ 13
	3	8.02	8.06	≤ 13

Table 8-143. Peak To Average Power Ratio Summary Data (NR n5_2C_5M+5M_4T)

Channel	Port	PAPR (dB)		Limit (dB)
		QPSK	16QAM	
Middle	0	8.40	8.36	≤ 13
	1	8.43	8.38	≤ 13
	2	8.08	8.09	≤ 13
	3	7.90	7.89	≤ 13

Table 8-144. Peak To Average Power Ratio Summary Data (NR n5_2C_10M+15M_4T)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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DSS Ratio	Channel	Port	PAPR (dB)		Limit (dB)
			QPSK	16QAM	
LTE 9 : NR 1	Low	0	8.45	8.38	≤ 13
		1	8.44	8.43	≤ 13
		2	7.96	8.01	≤ 13
		3	7.99	7.98	≤ 13
	Middle	0	8.47	8.39	≤ 13
		1	8.47	8.41	≤ 13
		2	8.03	8.03	≤ 13
		3	8.06	8.03	≤ 13
	High	0	8.48	8.37	≤ 13
		1	8.39	8.36	≤ 13
		2	8.14	8.15	≤ 13
		3	8.23	8.15	≤ 13

Table 8-145. Peak To Average Power Ratio Summary Data (MSR 2C_DSS B(n)5_1C_10M+LTE B5_1C_5M_4T)

DSS Ratio	Channel	Port	PAPR (dB)		Limit (dB)
			QPSK	16QAM	
LTE 9 : NR 1	Middle	0	8.45	8.48	≤ 13
		1	8.46	8.46	≤ 13
		2	8.18	8.22	≤ 13
		3	8.20	8.20	≤ 13

Table 8-146. Peak To Average Power Ratio Summary Data (MSR 3C_DSS B(n)5_2C_10M+10M+LTE B5_1C_5M_4T)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
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Channel	Port	PAPR (dB)		Limit (dB)
		QPSK	16QAM	
Low	0	8.36	8.40	≤ 13
	1	8.38	8.39	≤ 13
	2	7.98	8.03	≤ 13
	3	8.01	8.03	≤ 13
Middle	0	8.33	8.38	≤ 13
	1	8.40	8.35	≤ 13
	2	8.01	8.03	≤ 13
	3	8.00	8.03	≤ 13
High	0	8.39	8.37	≤ 13
	1	8.38	8.39	≤ 13
	2	8.07	8.06	≤ 13
	3	8.06	8.04	≤ 13

Table 8-147. Peak To Average Power Ratio Summary Data (MSR 2C_NR n5_1C_5M+LTE B5_1C_5M_4T)

Channel	Port	PAPR (dB)		Limit (dB)
		QPSK	16QAM	
Middle	0	8.42	8.37	≤ 13
	1	8.43	8.39	≤ 13
	2	8.17	8.14	≤ 13
	3	8.18	8.18	≤ 13

Table 8-148. Peak To Average Power Ratio Summary Data (MSR 3C_NR n5_2C_10M+10M+LTE B5_1C_5M_4T)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Channel	Port	PAPR (dB)		Limit (dB)
		QPSK	16QAM	
Low	0	8.59	8.67	≤ 13
	1	8.62	8.66	≤ 13
	2	8.24	8.26	≤ 13
	3	8.24	8.29	≤ 13
Middle	0	8.61	8.63	≤ 13
	1	8.68	8.66	≤ 13
	2	8.27	8.31	≤ 13
	3	8.27	8.28	≤ 13
High	0	8.63	8.69	≤ 13
	1	8.62	8.58	≤ 13
	2	8.42	8.38	≤ 13
	3	8.40	8.36	≤ 13

Table 8-149. Peak To Average Power Ratio Summary Data (MSR 2C_DSS B(n)5_1C_10M+NR n5_1C_5M_4T)

Channel	Port	PAPR (dB)		Limit (dB)
		QPSK	16QAM	
Mid	0	8.52	8.51	≤ 13
	1	8.54	8.50	≤ 13
	2	8.22	8.27	≤ 13
	3	8.20	8.20	≤ 13

Table 8-150. Peak To Average Power Ratio Summary Data (MSR 2C_DSS B(n)5_1C_10M+NR n5_1C_15M_4T)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Channel	Port	PAPR (dB)		Limit (dB)
		QPSK	16QAM	
Low	0	8.45	8.54	≤ 13
	1	8.48	8.58	≤ 13
	2	8.10	8.11	≤ 13
	3	8.16	8.10	≤ 13
Middle	0	8.56	8.59	≤ 13
	1	8.59	8.46	≤ 13
	2	8.18	8.21	≤ 13
	3	8.21	8.25	≤ 13
High	0	8.60	8.54	≤ 13
	1	8.54	8.67	≤ 13
	2	8.26	8.40	≤ 13
	3	8.30	8.24	≤ 13

Table 8-151. Peak To Average Power Ratio Summary Data (MSR 3C_DSS B(n)5_1C_10M+NR n5_1C_5M+LTE B5_1C_5M_4T)

Channel	Port	PAPR (dB)		Limit (dB)
		QPSK	16QAM	
Middle	0	8.50	8.57	≤ 13
	1	8.49	8.55	≤ 13
	2	8.24	8.23	≤ 13
	3	8.30	8.30	≤ 13

Table 8-152. Peak To Average Power Ratio Summary Data (MSR 3C_DSS B(n)5_1C_10M+NR n5_1C_10M+LTE B5_1C_5M_4T)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Channel	Port	PAPR (dB)				Limit (dB)
		QPSK	16QAM	64QAM	256QAM	
Low	0	8.42	8.34	8.31	8.36	≤ 13
	1	8.42	8.35	8.34	8.34	≤ 13
	2	8.42	8.34	8.32	8.36	≤ 13
	3	8.42	8.34	8.31	8.34	≤ 13
Middle	0	8.44	8.33	8.32	8.34	≤ 13
	1	8.43	8.33	8.32	8.36	≤ 13
	2	8.43	8.33	8.33	8.34	≤ 13
	3	8.42	8.34	8.30	8.34	≤ 13
High	0	8.42	8.34	8.30	8.35	≤ 13
	1	8.41	8.36	8.33	8.35	≤ 13
	2	8.41	8.32	8.34	8.35	≤ 13
	3	8.41	8.33	8.31	8.36	≤ 13

Table 8-153. Peak To Average Power Ratio Summary Data (LTE B13_1C_5M_4T)

Channel	Port	PAPR (dB)				Limit (dB)
		QPSK	16QAM	64QAM	256QAM	
Middle	0	8.37	8.35	8.31	8.41	≤ 13
	1	8.35	8.36	8.35	8.41	≤ 13
	2	7.62	7.63	7.62	7.63	≤ 13
	3	7.61	7.61	7.62	7.62	≤ 13

Table 8-154. Peak To Average Power Ratio Summary Data (LTE B13_1C_10M_4T)

Channel	Port	PAPR (dB)		Limit (dB)
		QPSK	16QAM	
Middle	0	8.40	8.42	≤ 13
	1	8.41	8.39	≤ 13
	2	7.67	7.67	≤ 13
	3	7.66	7.65	≤ 13

Table 8-155. Peak To Average Power Ratio Summary Data (LTE B13_2C_5M+5M_4T)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
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Channel	Port	PAPR (dB)	Limit (dB)
		QPSK	
Low	0	8.49	≤ 13
	1	8.52	≤ 13
	2	8.52	≤ 13
	3	8.50	≤ 13
Middle	0	8.40	≤ 13
	1	8.38	≤ 13
	2	8.40	≤ 13
	3	8.39	≤ 13
High	0	8.45	≤ 13
	1	8.46	≤ 13
	2	8.49	≤ 13
	3	8.48	≤ 13

Table 8-156. Peak To Average Power Ratio Summary Data (LTE B13_1C_5M+NB-IoT(1IB)_4T)

Channel	Port	PAPR (dB)				Limit (dB)
		QPSK				
		LTE B13_1C_10M+NB-IoT(2GB)	LTE B13_1C_10M+NB-IoT(GB+IB)	LTE B13_1C_10M+NB-IoT(1B+GB)	LTE B13_1C_10M+NB-IoT(2IB)	
Middle	0	8.66	8.47	8.50	8.42	≤ 13
	1	8.69	8.46	8.51	8.44	≤ 13
	2	7.76	7.88	7.88	8.46	≤ 13
	3	7.76	7.87	7.88	8.46	≤ 13

Table 7 103. Peak To Average Power Ratio Summary Data (LTE B13_1C_10M+NB-IoT_4T)

FCC ID: A3LRF4461D-13A		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
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