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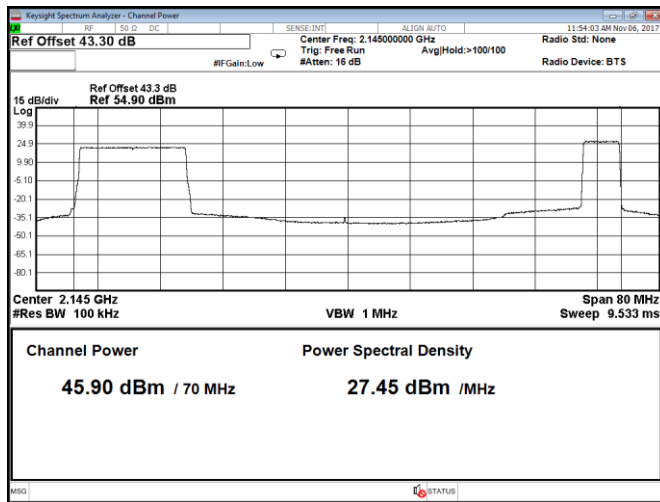


Figure 8.1-97: Output power 2 carriers, QPSK, carrier 1: 15 MHz, carrier 2: 5 MHz, LTE, Port A

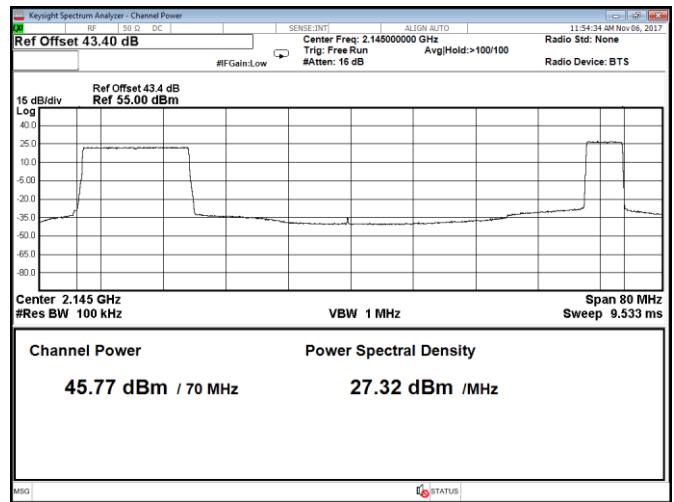


Figure 8.1-98: Output power 2 carriers, QPSK, carrier 1: 15 MHz, carrier 2: 5 MHz, LTE, Port B

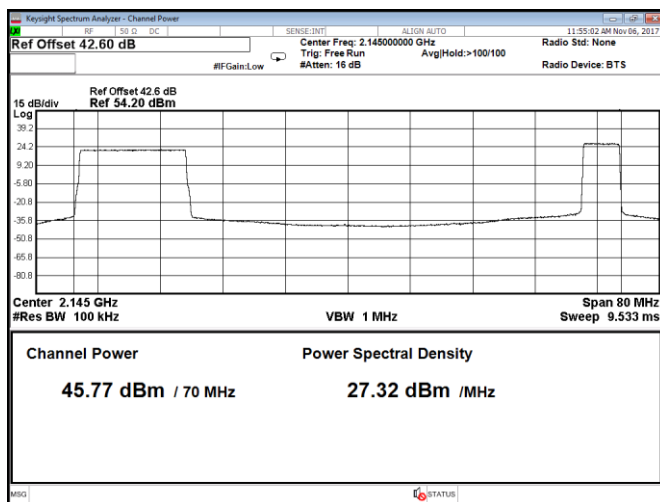


Figure 8.1-99: Output power 2 carriers, QPSK, carrier 1: 15 MHz, carrier 2: 5 MHz, LTE, Port C

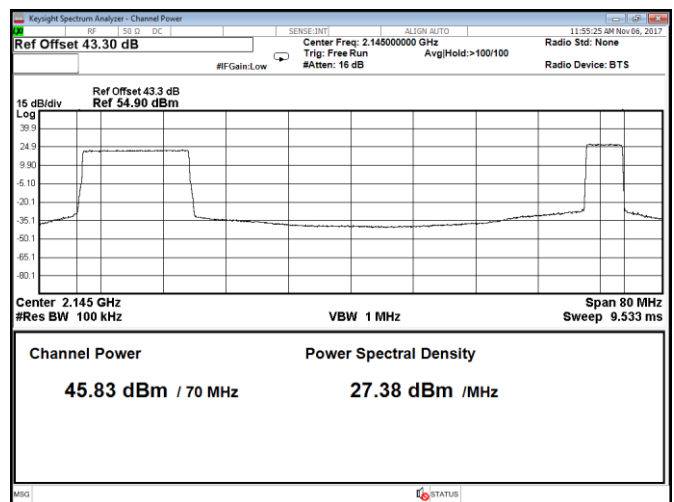


Figure 8.1-100: Output power 2 carriers, QPSK, carrier 1: 15 MHz, carrier 2: 5 MHz, LTE, Port D

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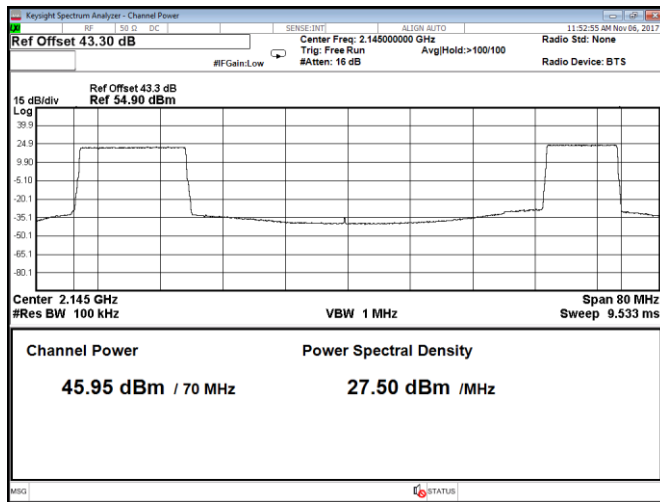


Figure 8.1-101: Output power 2 carriers, QPSK, carrier 1: 15 MHz, carrier 2: 10 MHz, LTE, Port A

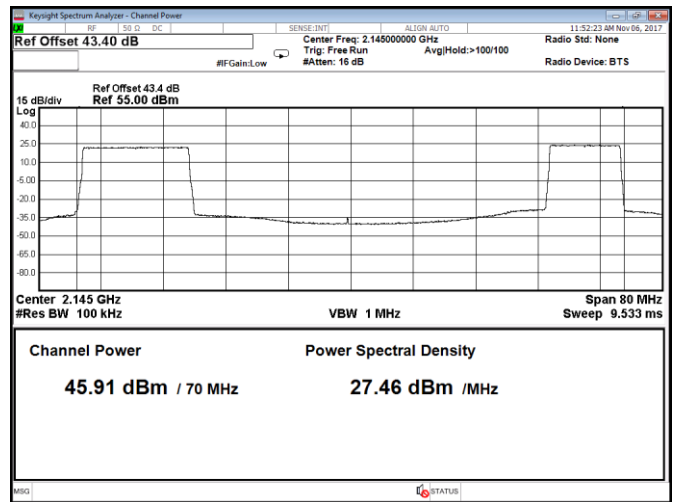


Figure 8.1-102: Output power 2 carriers, QPSK, carrier 1: 15 MHz, carrier 2: 10 MHz, LTE, Port B

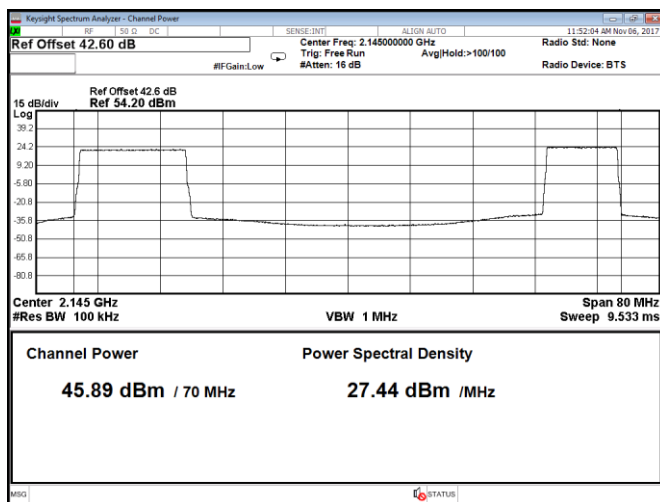


Figure 8.1-103: Output power 2 carriers, QPSK, carrier 1: 15 MHz, carrier 2: 10 MHz, LTE, Port C

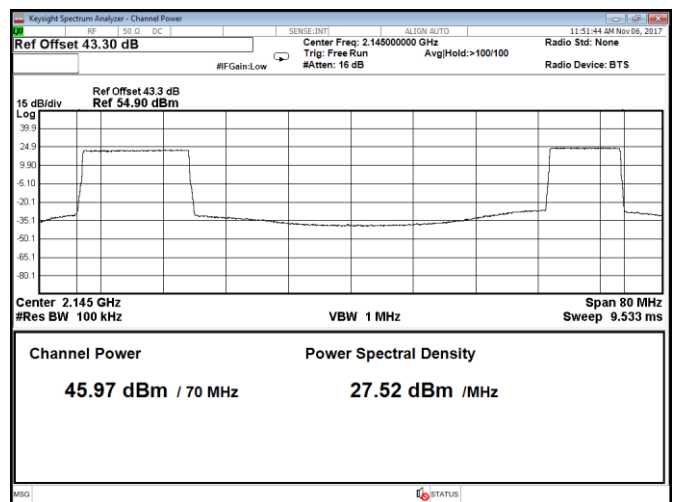


Figure 8.1-104: Output power 2 carriers, QPSK, carrier 1: 15 MHz, carrier 2: 10 MHz, LTE, Port D

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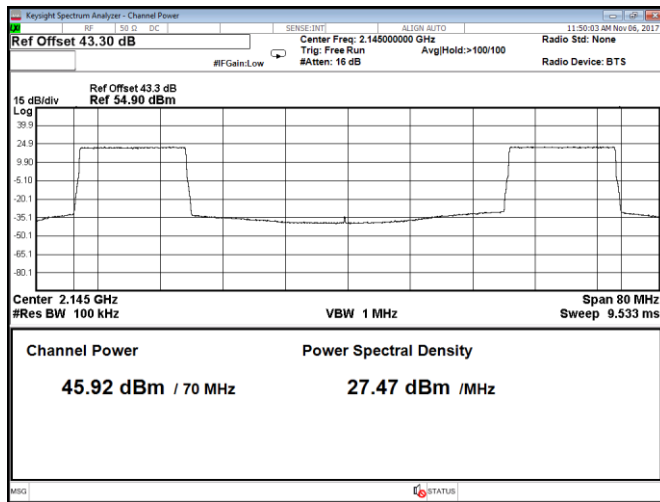


Figure 8.1-105: Output power 2 carriers, QPSK, carrier 1: 15 MHz, carrier 2: 15 MHz, LTE, Port A

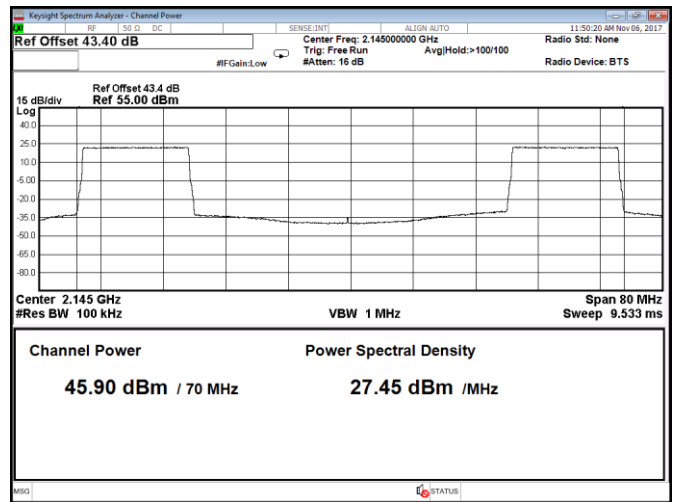


Figure 8.1-106: Output power 2 carriers, QPSK, carrier 1: 15 MHz, carrier 2: 15 MHz, LTE, Port B

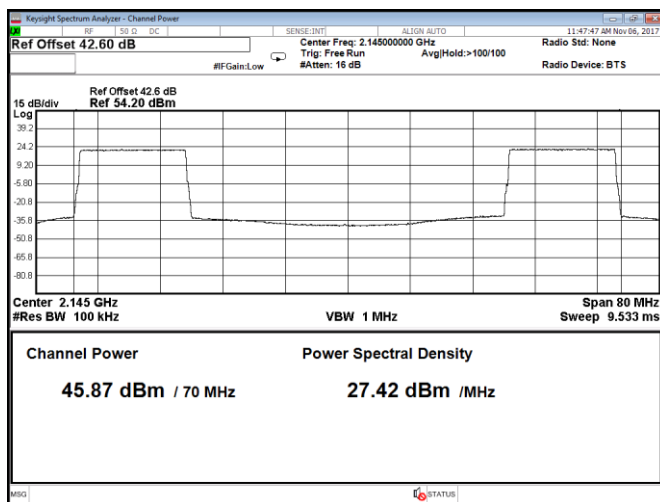


Figure 8.1-107: Output power 2 carriers, QPSK, carrier 1: 15 MHz, carrier 2: 15 MHz, LTE, Port C

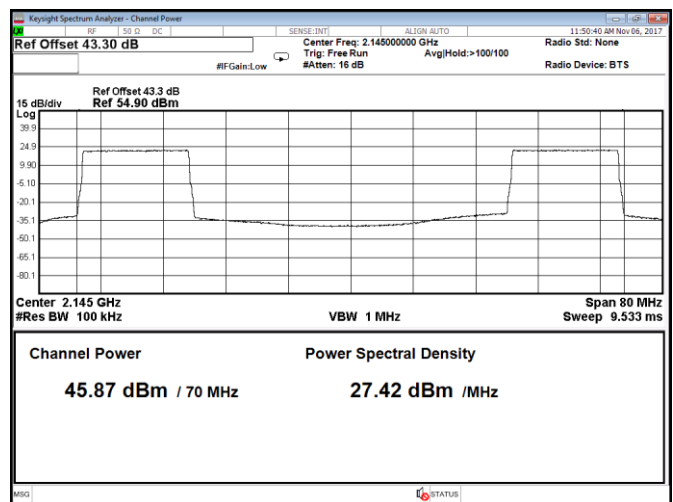


Figure 8.1-108: Output power 2 carriers, QPSK, carrier 1: 15 MHz, carrier 2: 15 MHz, LTE, Port D

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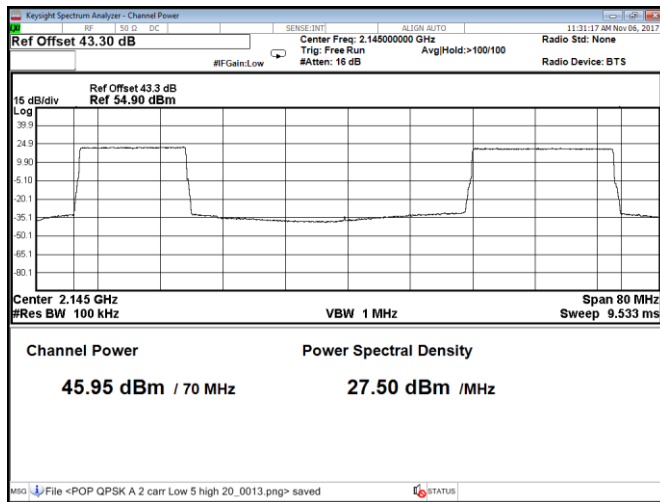


Figure 8.1-109: Output power 2 carriers, QPSK, carrier 1: 15 MHz, carrier 2: 20 MHz, LTE, Port A

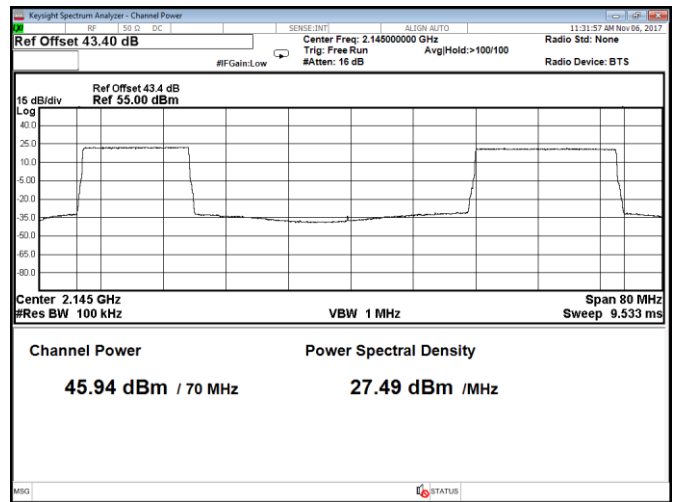


Figure 8.1-110: Output power 2 carriers, QPSK, carrier 1: 15 MHz, carrier 2: 20 MHz, LTE, Port B

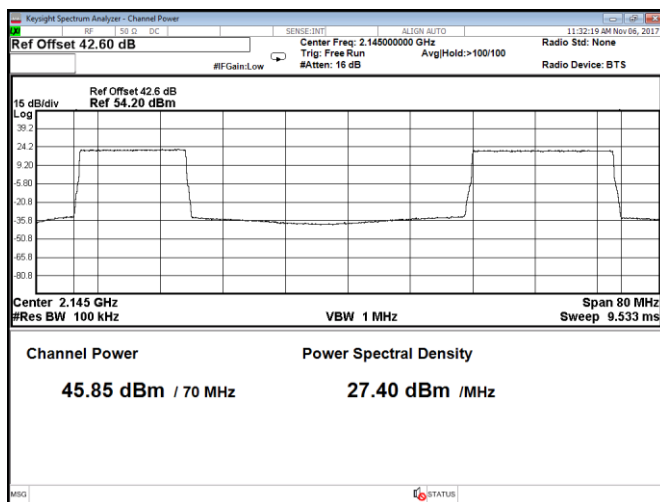


Figure 8.1-111: Output power 2 carriers, QPSK, carrier 1: 15 MHz, carrier 2: 20 MHz, LTE, Port C

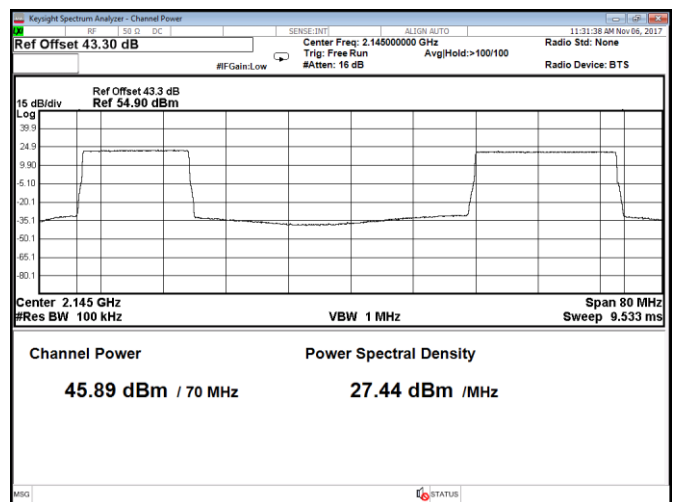


Figure 8.1-112: Output power 2 carriers, QPSK, carrier 1: 15 MHz, carrier 2: 20 MHz, LTE, Port D

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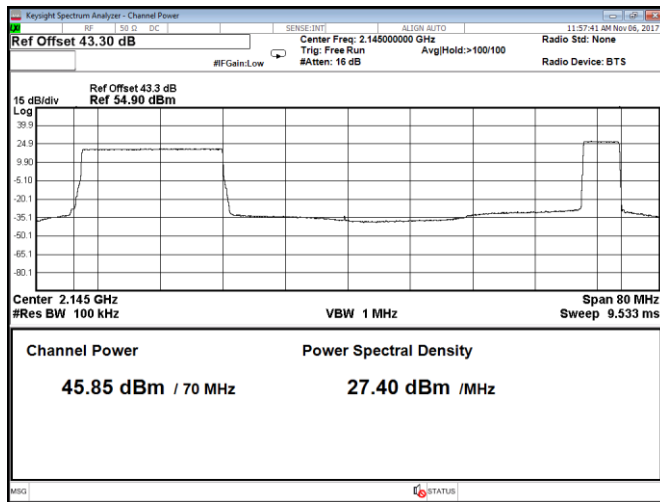


Figure 8.1-113: Output power 2 carriers, QPSK, carrier 1: 20 MHz, carrier 2: 5 MHz, LTE, Port A

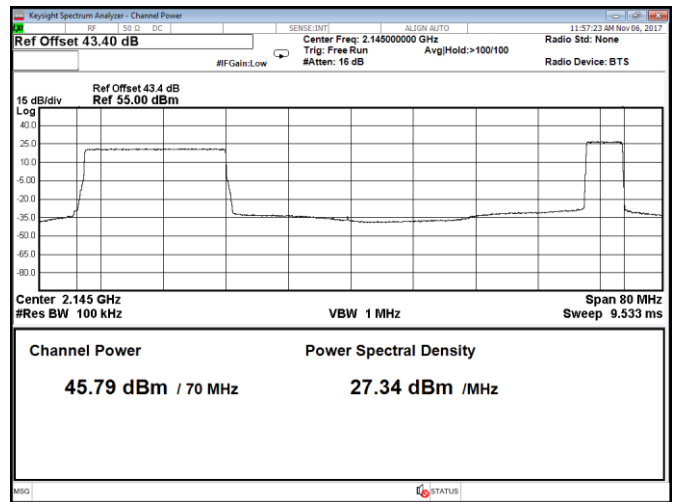


Figure 8.1-114: Output power 2 carriers, QPSK, carrier 1: 20 MHz, carrier 2: 5 MHz, LTE, Port B

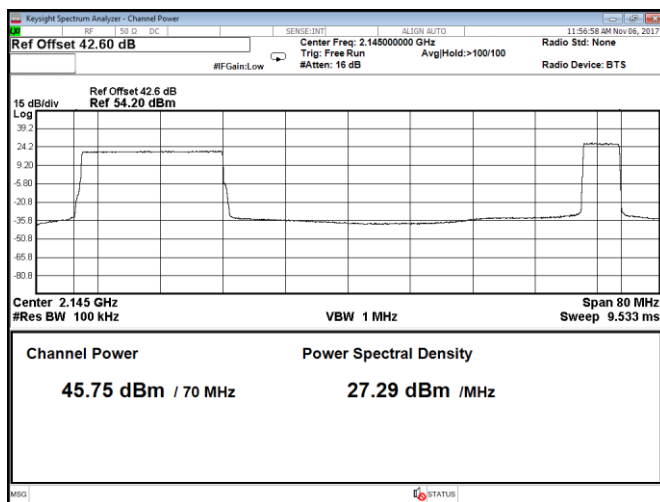


Figure 8.1-115: Output power 2 carriers, QPSK, carrier 1: 20 MHz, carrier 2: 5 MHz, LTE, Port C

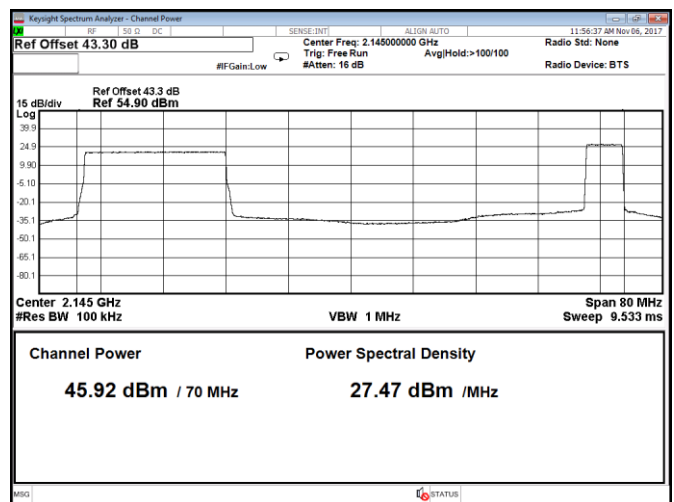


Figure 8.1-116: Output power 2 carriers, QPSK, carrier 1: 20 MHz, carrier 2: 5 MHz, LTE, Port D

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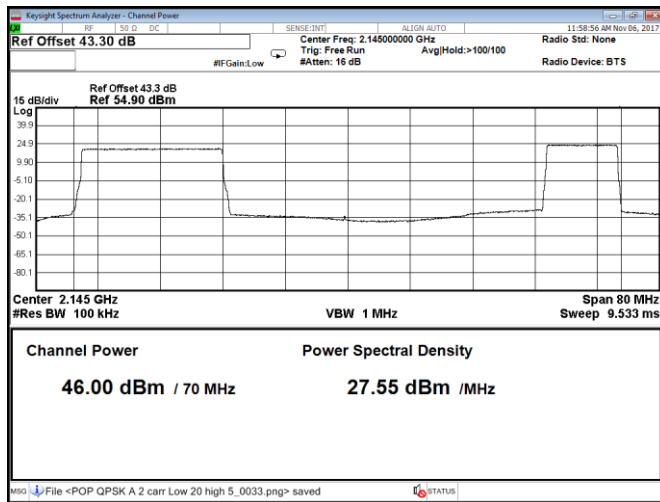


Figure 8.1-117: Output power 2 carriers, QPSK, carrier 1: 20 MHz, carrier 2: 10 MHz, LTE, Port A

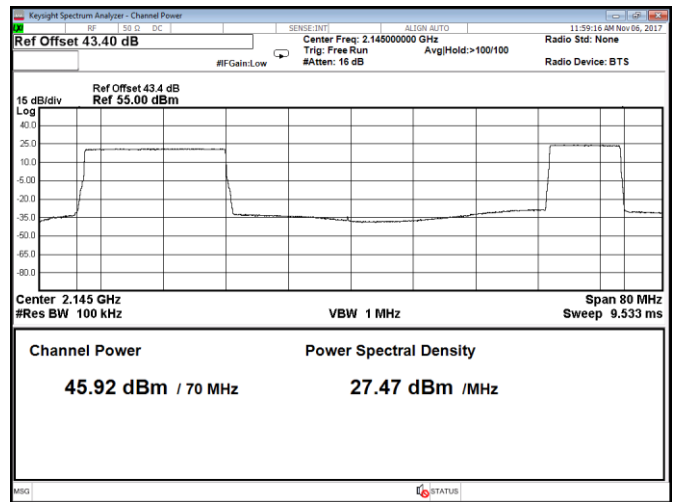


Figure 8.1-118: Output power 2 carriers, QPSK, carrier 1: 20 MHz, carrier 2: 10 MHz, LTE, Port B

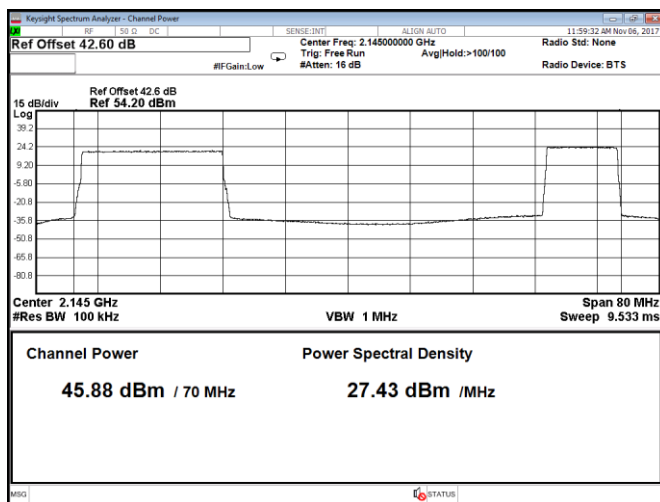


Figure 8.1-119: Output power 2 carriers, QPSK, carrier 1: 20 MHz, carrier 2: 10 MHz, LTE, Port C

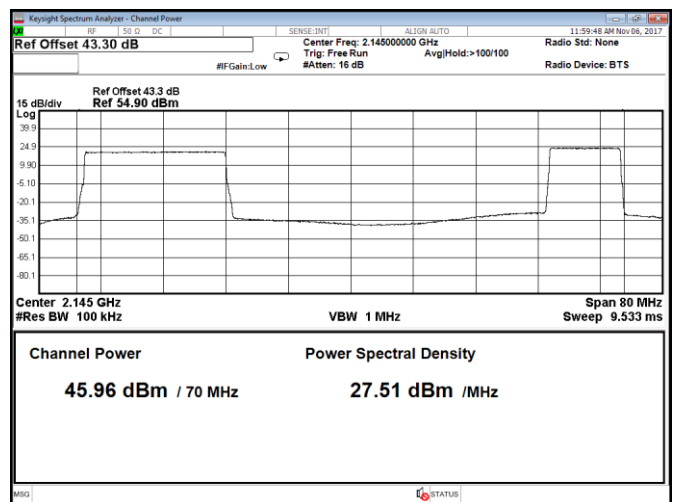


Figure 8.1-120: Output power 2 carriers, QPSK, carrier 1: 20 MHz, carrier 2: 10 MHz, LTE, Port D

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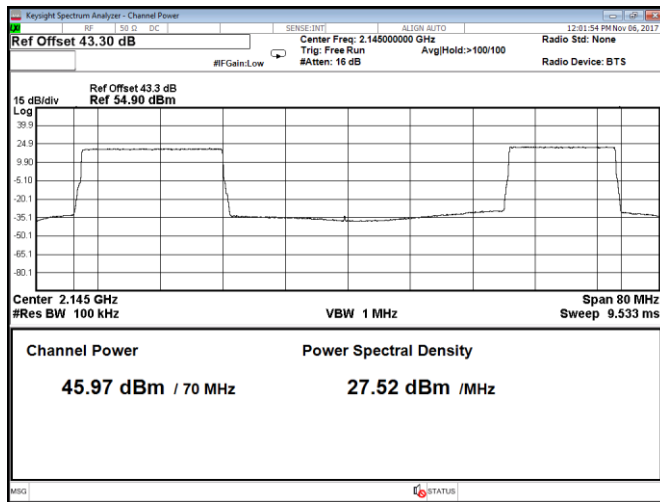


Figure 8.1-121: Output power 2 carriers, QPSK, carrier 1: 20 MHz, carrier 2: 15 MHz, LTE, Port A

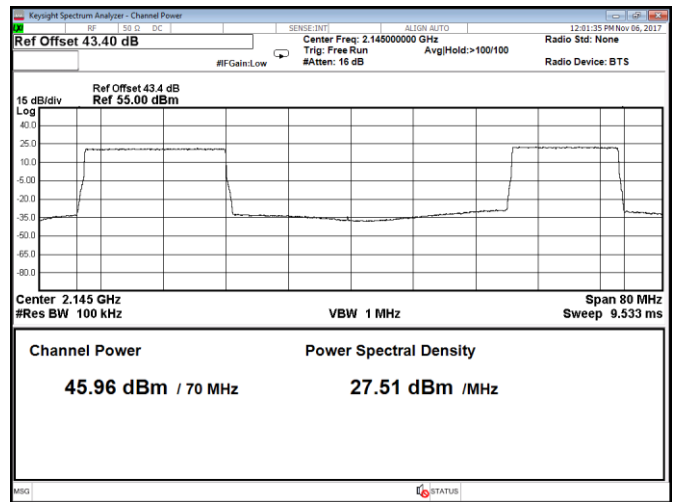


Figure 8.1-122: Output power 2 carriers, QPSK, carrier 1: 20 MHz, carrier 2: 15 MHz, LTE, Port B

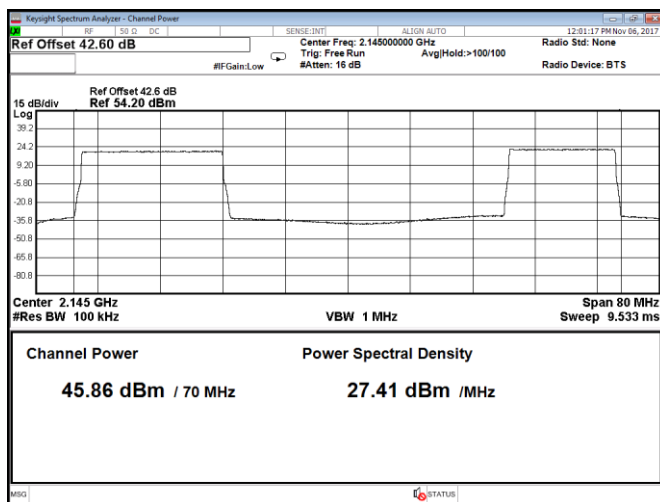


Figure 8.1-123: Output power 2 carriers, QPSK, carrier 1: 20 MHz, carrier 2: 15 MHz, LTE, Port C

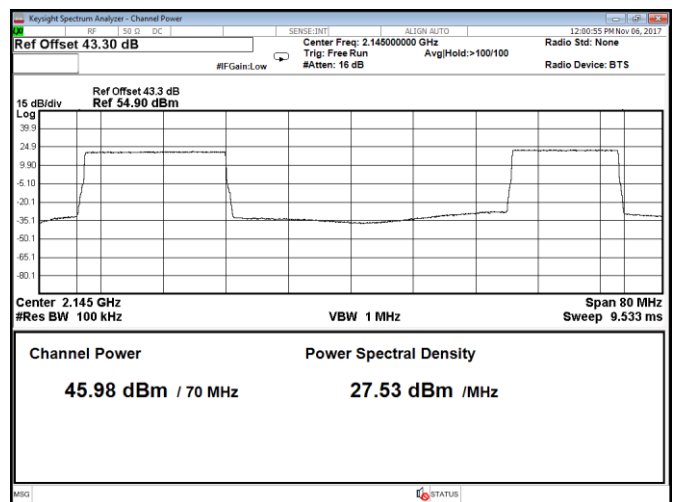


Figure 8.1-124: Output power 2 carriers, QPSK, carrier 1: 20 MHz, carrier 2: 15 MHz, LTE, Port D

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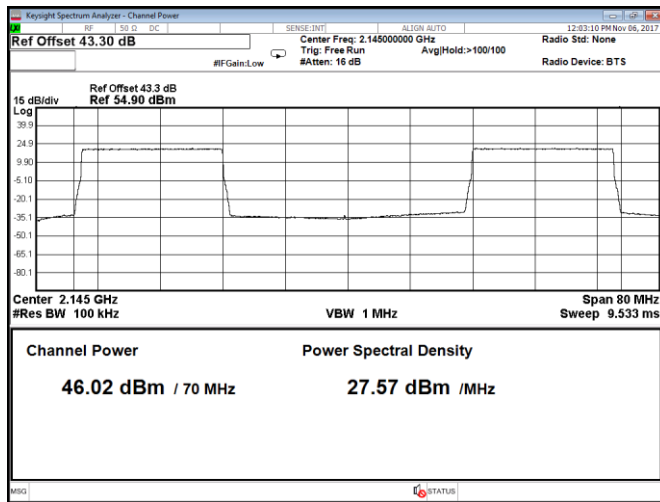


Figure 8.1-125: Output power 2 carriers, QPSK, carrier 1: 20 MHz, carrier 2: 20 MHz, LTE, Port A

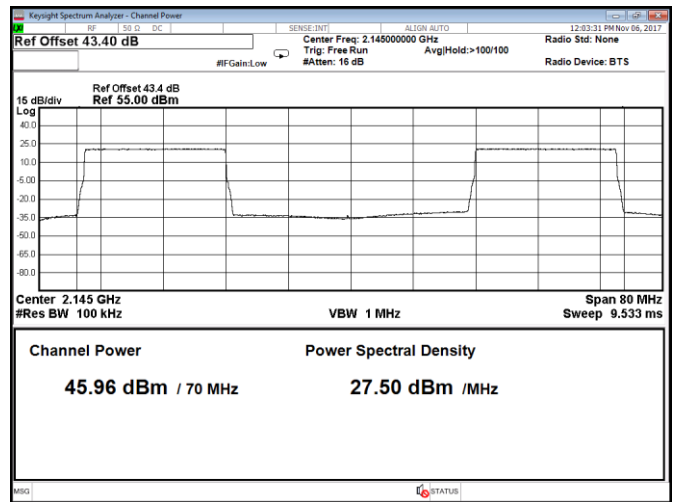


Figure 8.1-126: Output power 2 carriers, QPSK, carrier 1: 20 MHz, carrier 2: 20 MHz, LTE, Port B

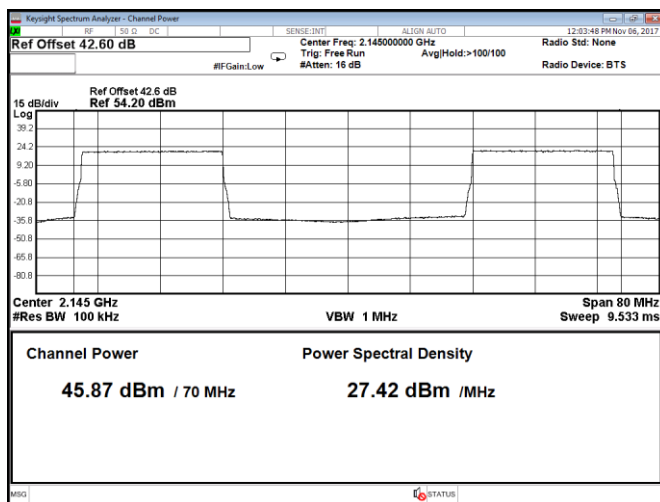


Figure 8.1-127: Output power 2 carriers, QPSK, carrier 1: 20 MHz, carrier 2: 20 MHz, LTE, Port C

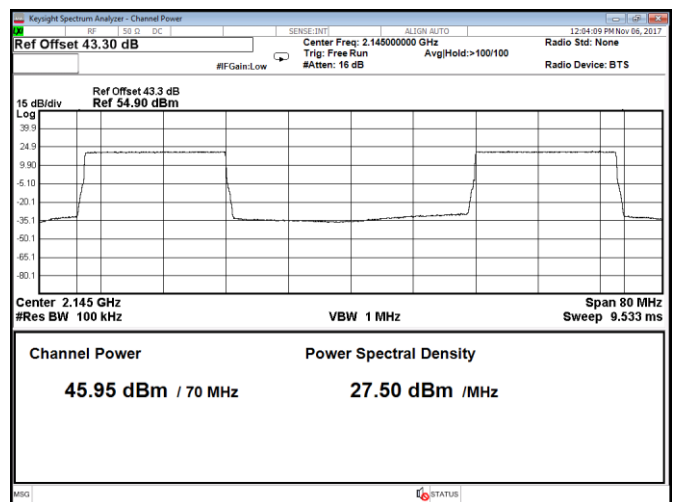


Figure 8.1-128: Output power 2 carriers, QPSK, carrier 1: 20 MHz, carrier 2: 20 MHz, LTE, Port D

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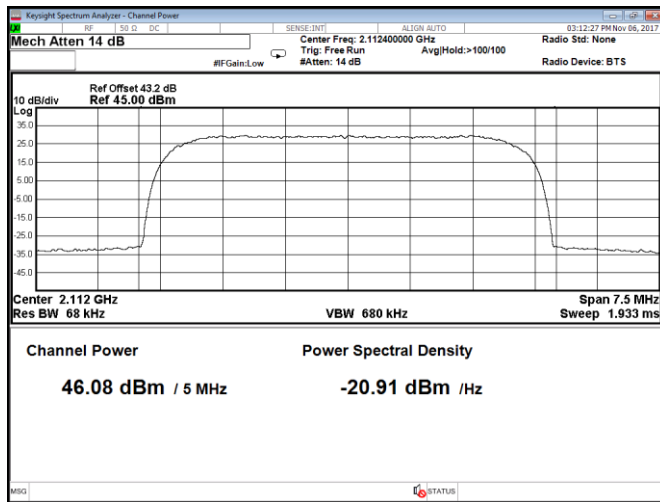


Figure 8.1-129: Output power at low channel, QPSK, WCDMA, Port A

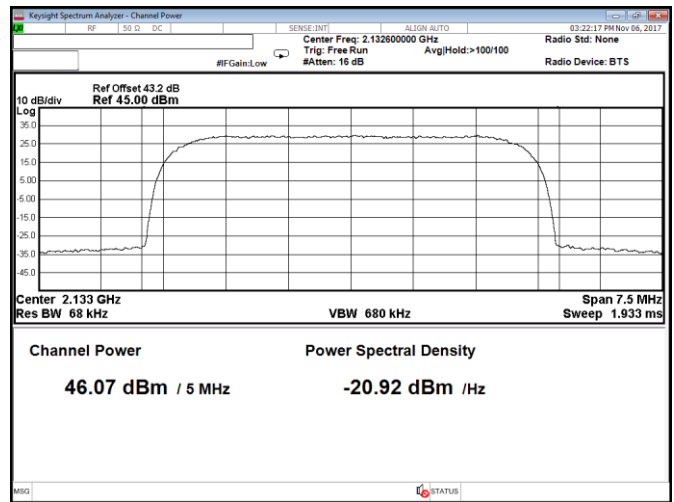


Figure 8.1-130: Output power at mid channel, QPSK, WCDMA, Port A

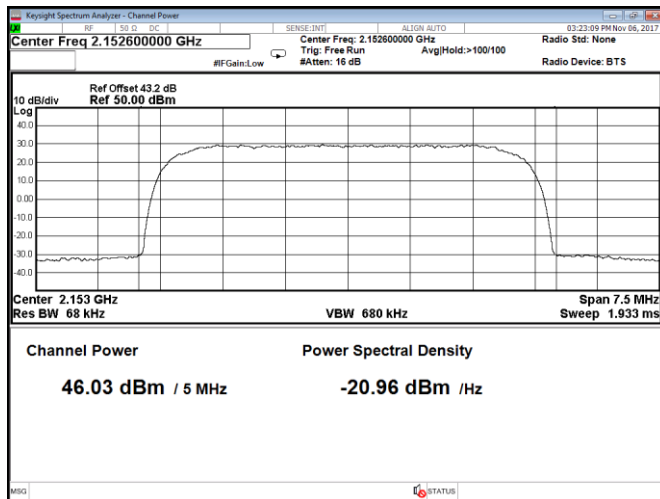


Figure 8.1-131: Output power at high channel, QPSK, WCDMA, Port A

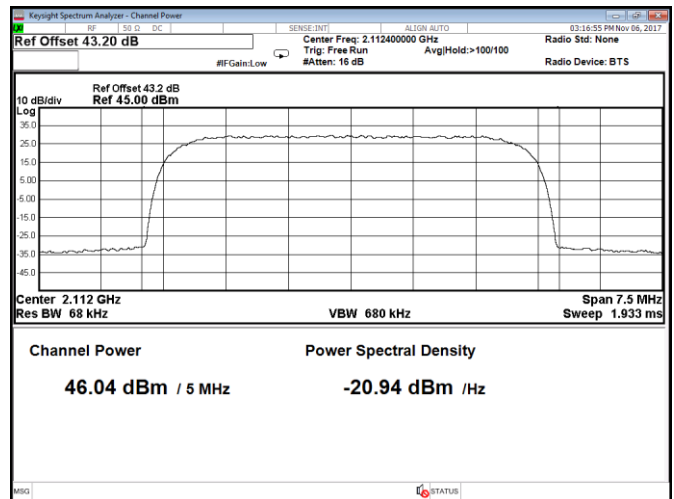


Figure 8.1-132: Output power at low channel, 16QAM, WCDMA, Port A

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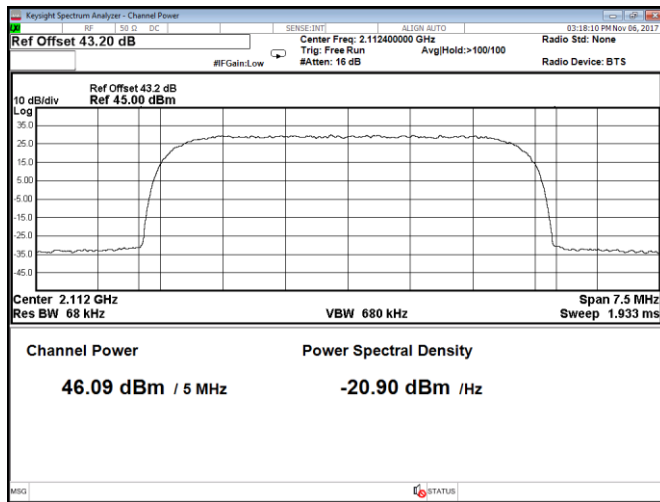


Figure 8.1-133: Output power at low channel, 64QAM, WCDMA, Port A

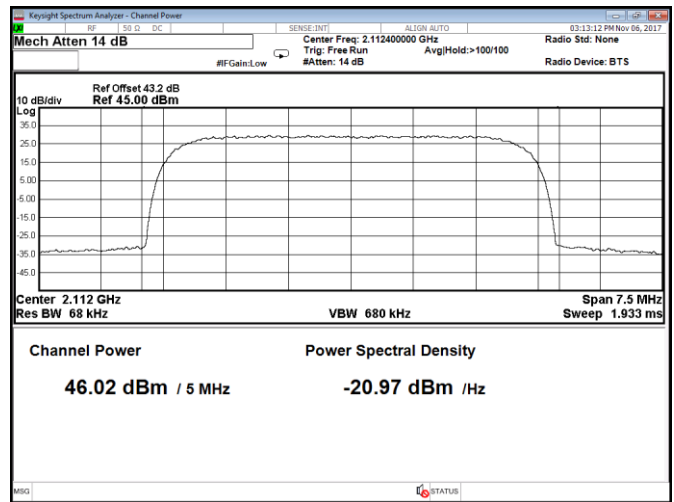


Figure 8.1-134: Output power at low channel, QPSK, WCDMA, Port B

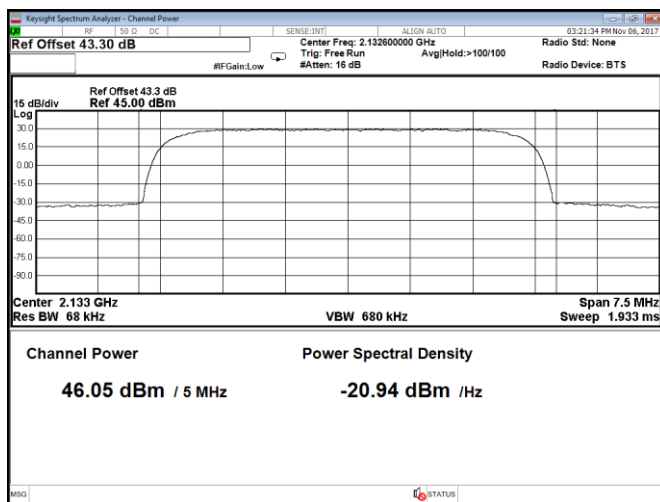


Figure 8.1-135: Output power at mid channel, QPSK, WCDMA, Port B

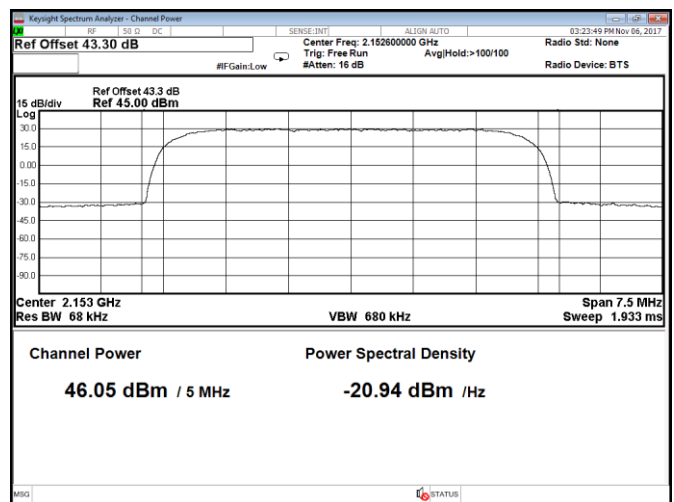


Figure 8.1-136: Output power at high channel, QPSK, WCDMA, Port B

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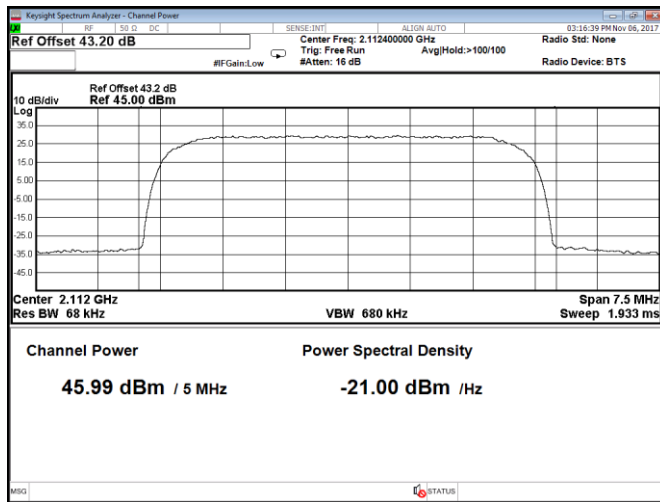


Figure 8.1-137: Output power at low channel, 16QAM, WCDMA, Port B

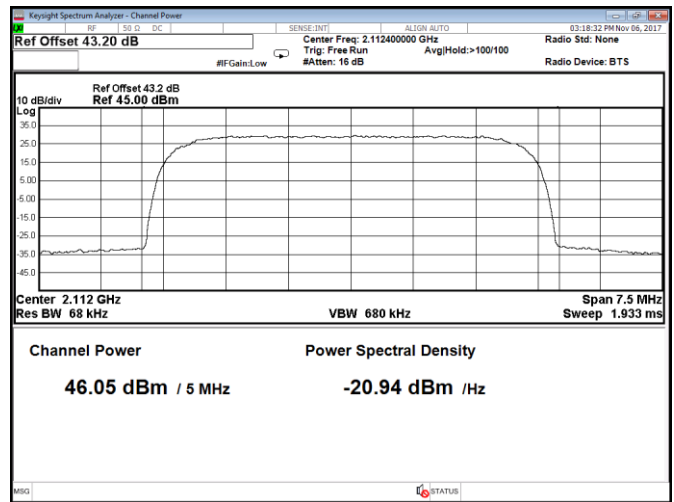


Figure 8.1-138: Output power at low channel, 64QAM, WCDMA, Port B

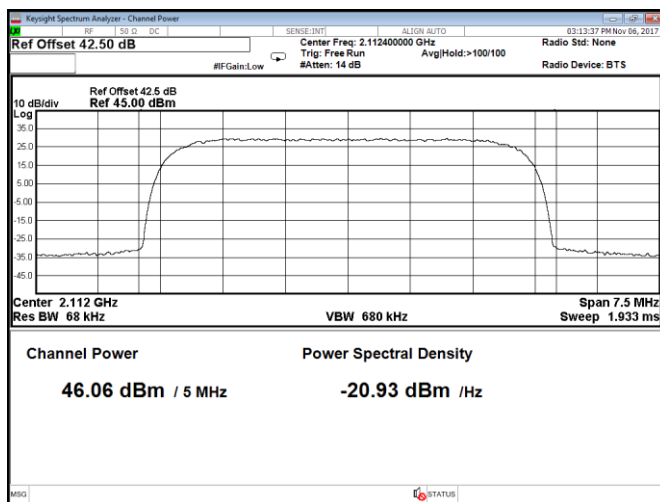


Figure 8.1-139: Output power at low channel, QPSK, WCDMA, Port C

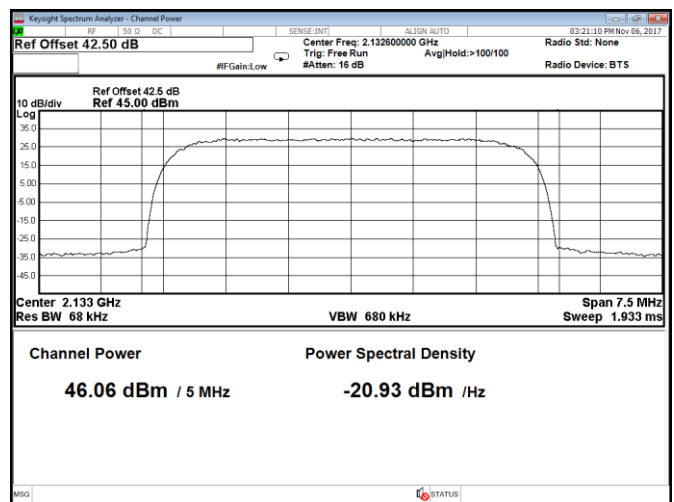


Figure 8.1-140: Output power at mid channel, QPSK, WCDMA, Port C

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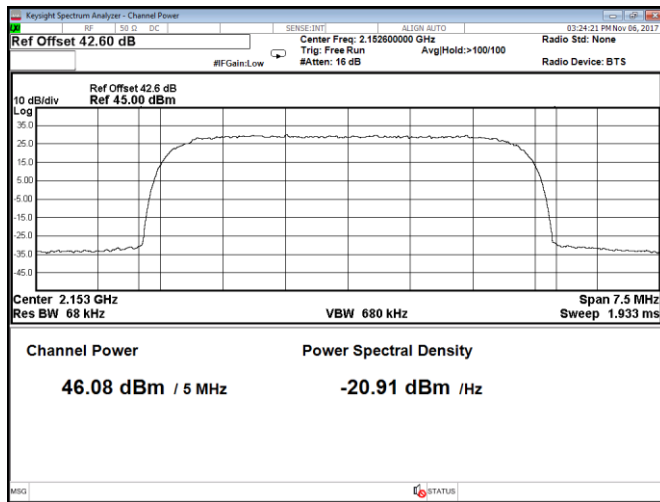


Figure 8.1-141: Output power at high channel, QPSK, WCDMA, Port C

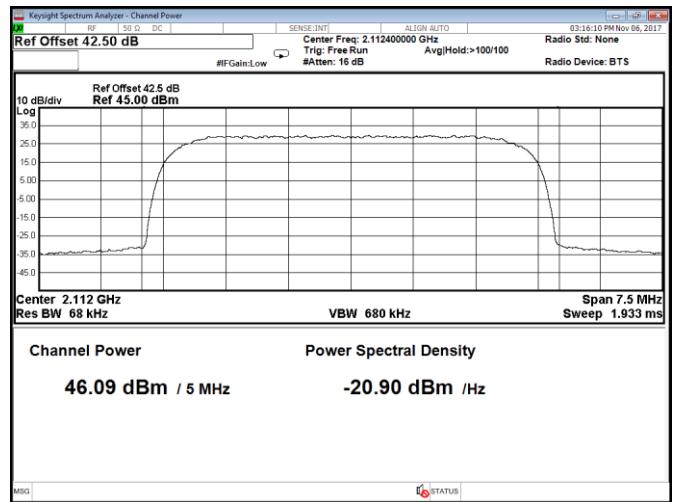


Figure 8.1-142: Output power at low channel, 16QAM, WCDMA, Port C

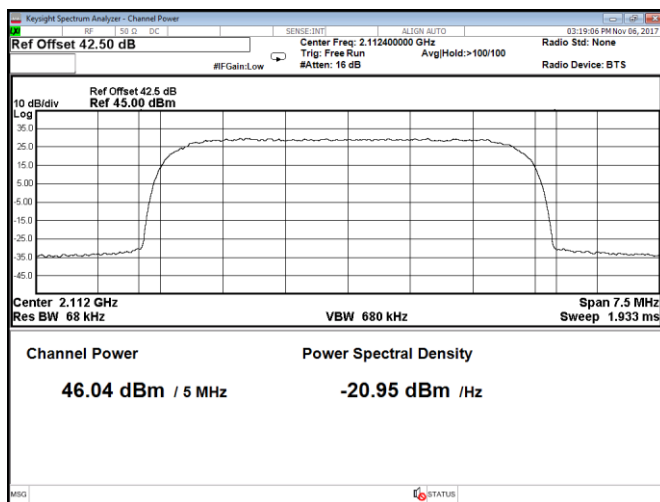


Figure 8.1-143: Output power at low channel, 64QAM, WCDMA, Port C

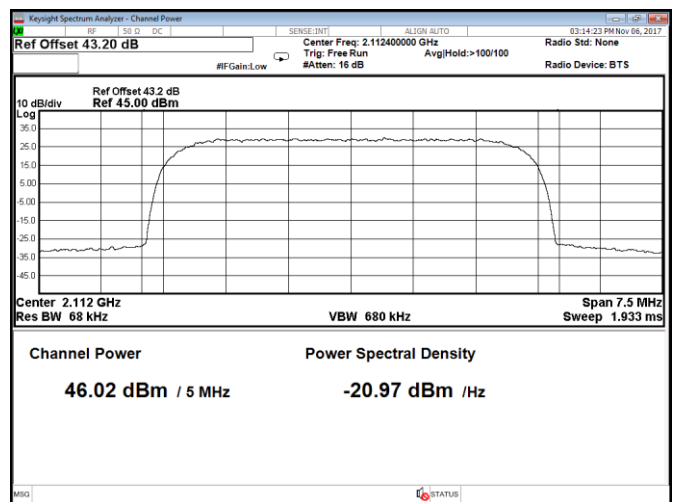


Figure 8.1-144: Output power at low channel, QPSK, WCDMA, Port D

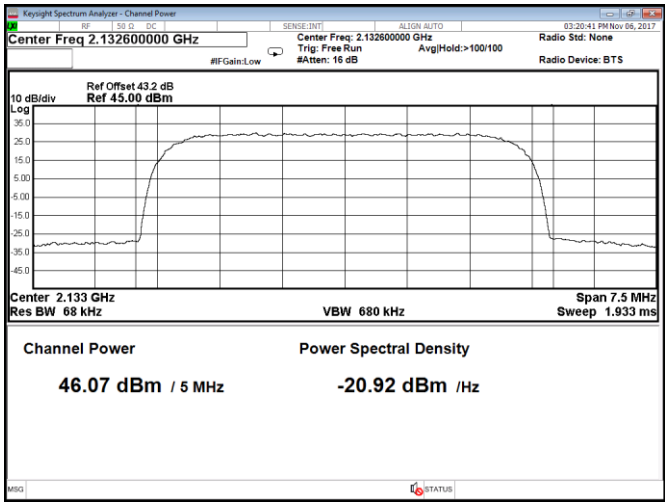


Figure 8.1-145: Output power at mid channel, QPSK, WCDMA, Port D

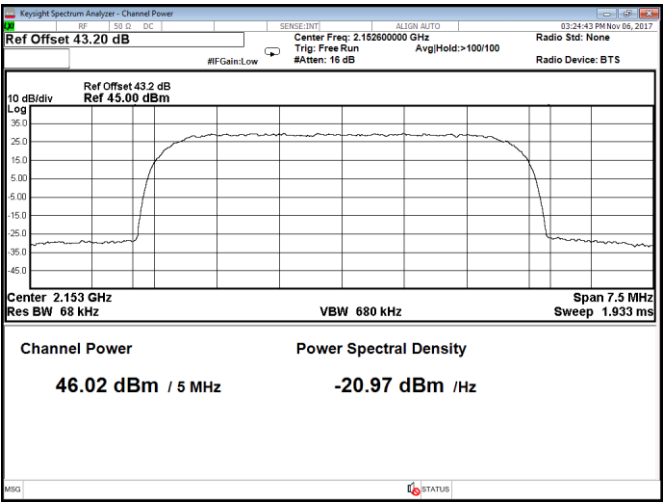


Figure 8.1-146: Output power at high channel, QPSK, WCDMA, Port D

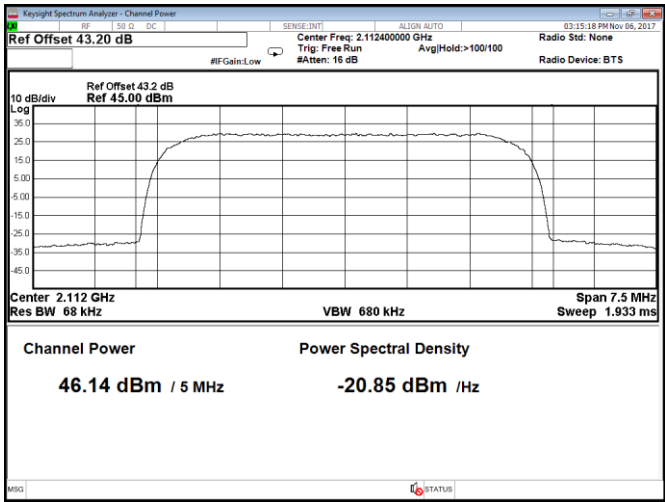


Figure 8.1-147: Output power at low channel, 16QAM, WCDMA, Port D

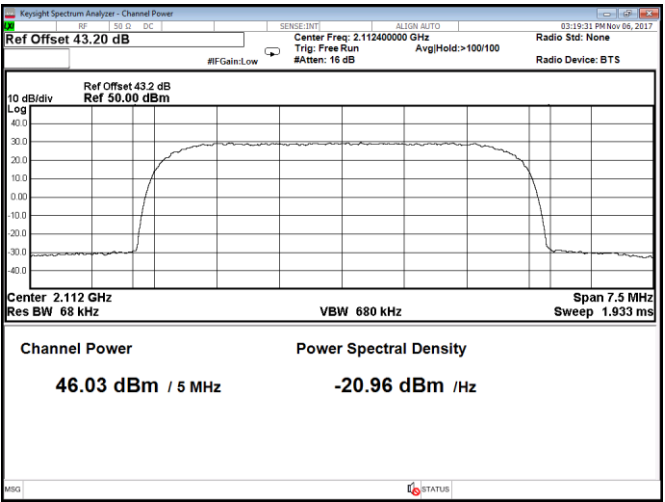


Figure 8.1-148: Output power at low channel, 64QAM, WCDMA, Port D

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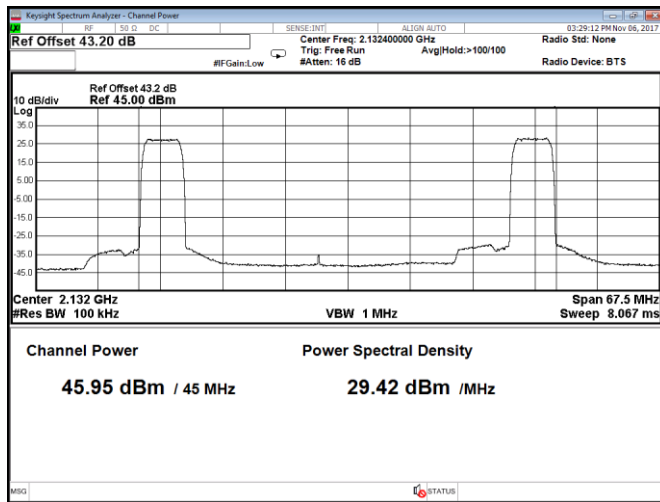


Figure 8.1-149: Output power 2 carriers, QPSK, bottom of band, WCDMA, Port A

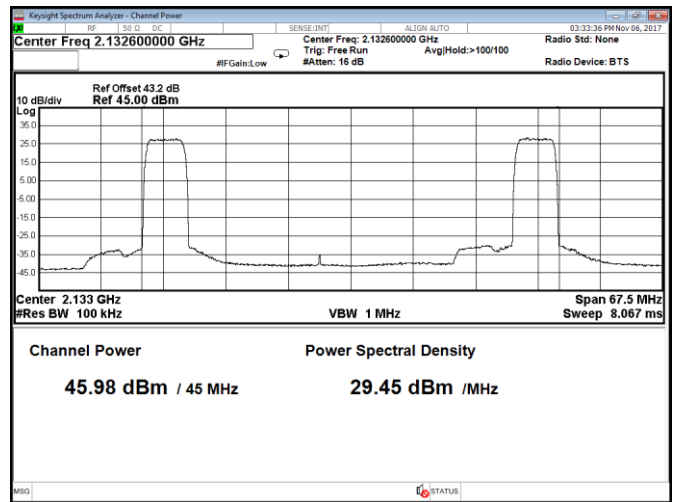


Figure 8.1-150: Output power 2 carriers, QPSK, top of band, WCDMA, Port A

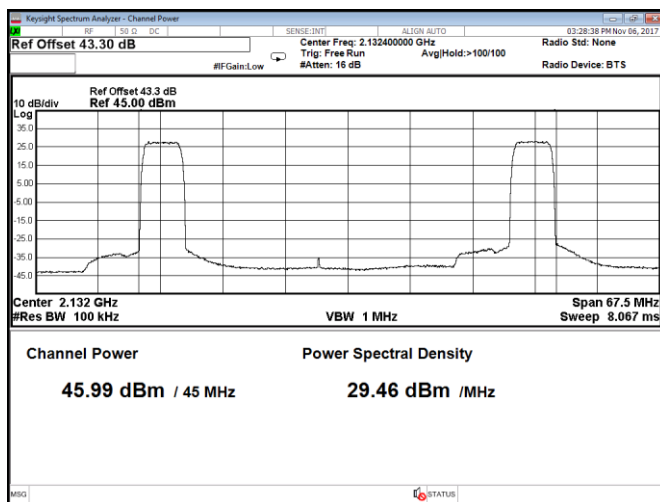


Figure 8.1-151: Output power 2 carriers, QPSK, bottom of band, WCDMA, Port B

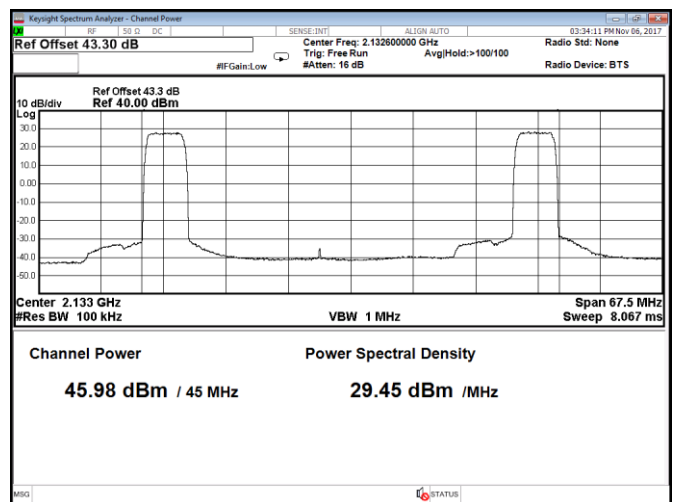


Figure 8.1-152: Output power 2 carriers, QPSK, top of band, WCDMA, Port B

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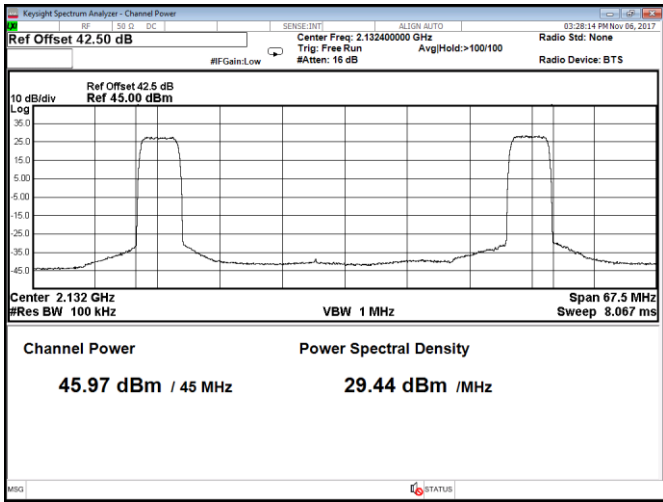


Figure 8.1-153: Output power 2 carriers, QPSK, bottom of band, WCDMA, Port C

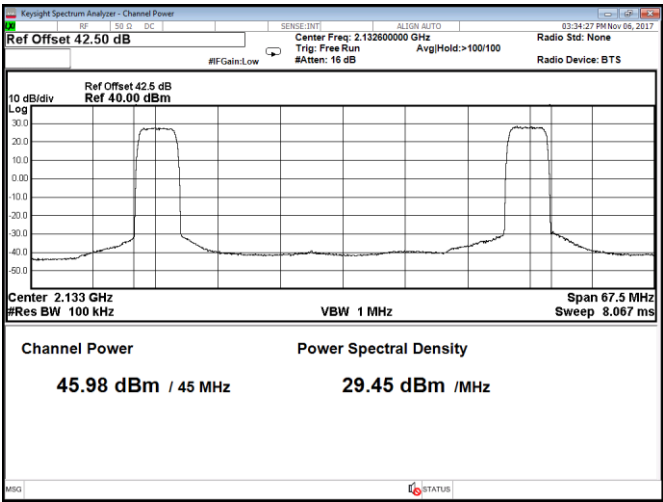


Figure 8.1-154: Output power 2 carriers, QPSK, top of band, WCDMA, Port C

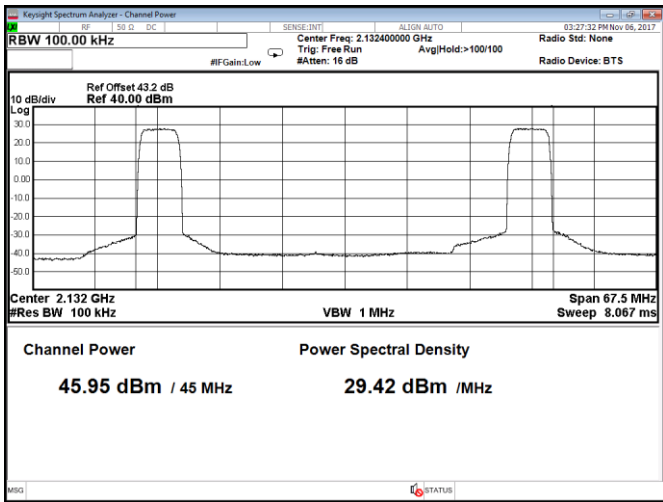


Figure 8.1-155: Output power 2 carriers, QPSK, bottom of band, WCDMA, Port D

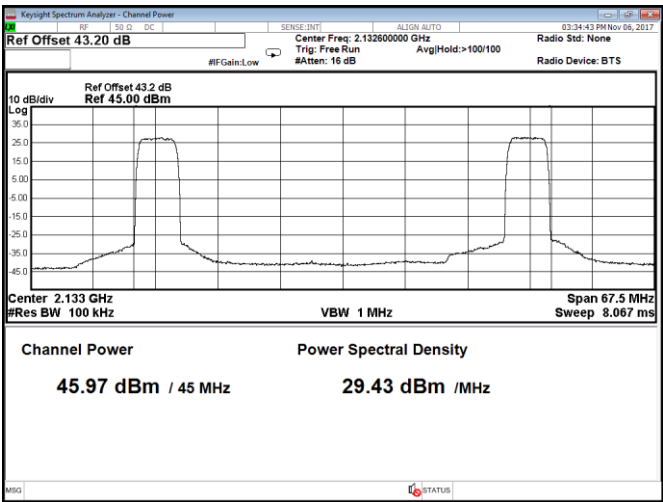


Figure 8.1-156: Output power 2 carriers, QPSK, top of band, WCDMA, Port D

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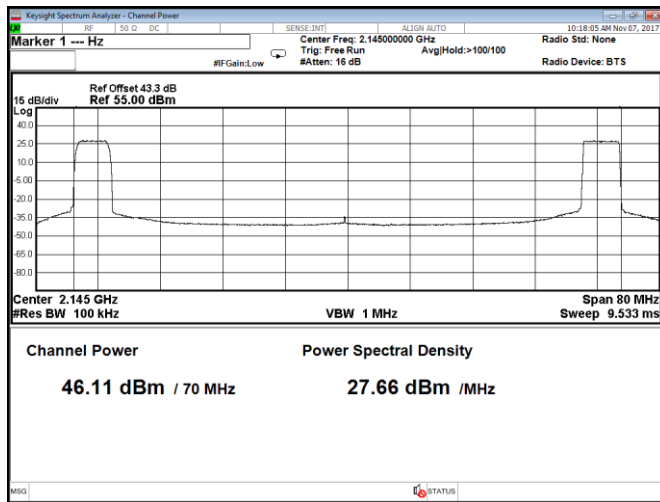


Figure 8.1-157: Output power mix mode, 2 carriers;
 carrier 1: WCDMA,
 carrier 2: LTE 5 MHz, Port A

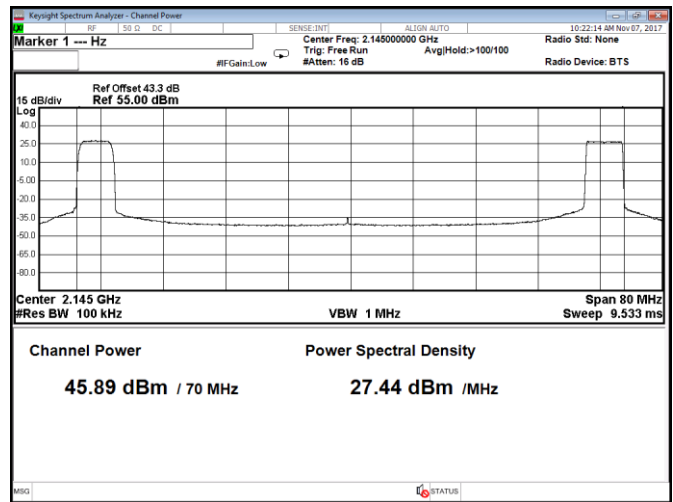


Figure 8.1-158: Output power mix mode, 2 carriers;
 carrier 1: WCDMA,
 carrier 2: LTE 5 MHz, Port B

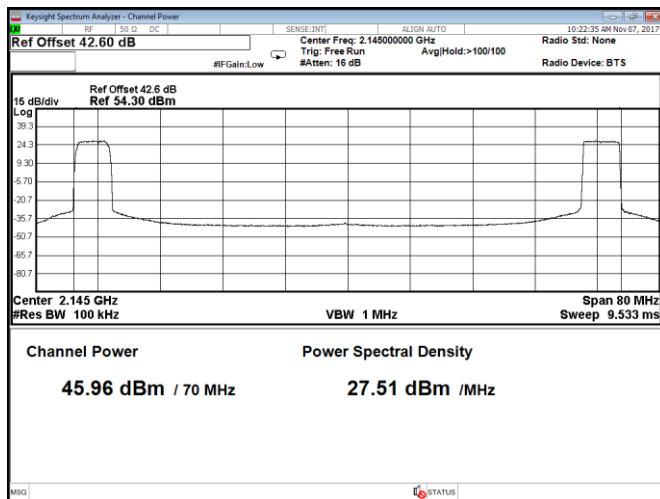


Figure 8.1-159: Output power mix mode, 2 carriers;
 carrier 1: WCDMA,
 carrier 2: LTE 5 MHz, Port C

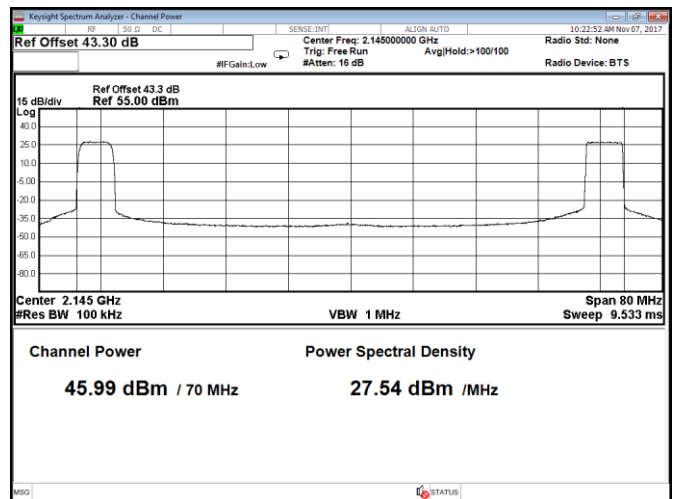


Figure 8.1-160: Output power mix mode, 2 carriers;
 carrier 1: WCDMA,
 carrier 2: LTE 5 MHz, Port D

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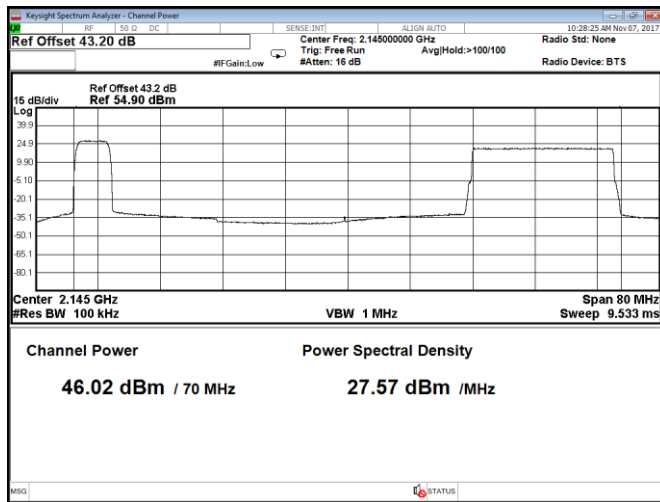


Figure 8.1-161: Output power mix mode, 2 carriers;
 carrier 1: WCDMA,
 carrier 2: LTE 20 MHz, Port A

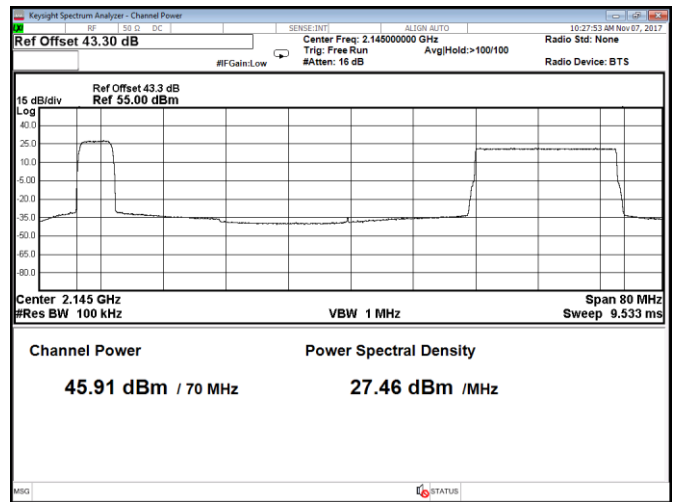


Figure 8.1-162: Output power mix mode, 2 carriers;
 carrier 1: WCDMA,
 carrier 2: LTE 20 MHz, Port B

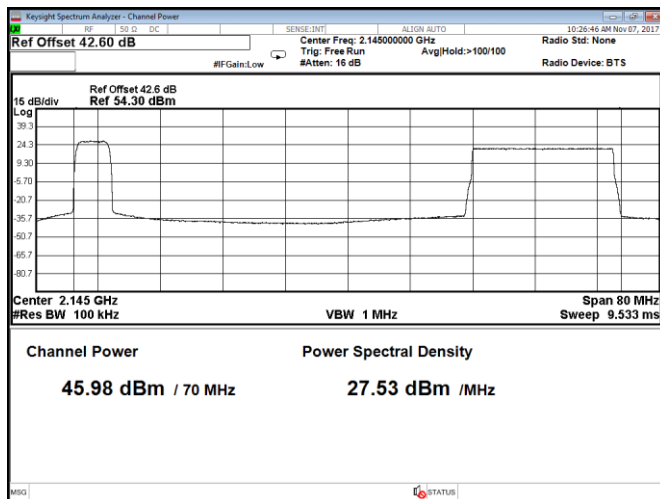


Figure 8.1-163: Output power mix mode, 2 carriers;
 carrier 1: WCDMA,
 carrier 2: LTE 20 MHz, Port C

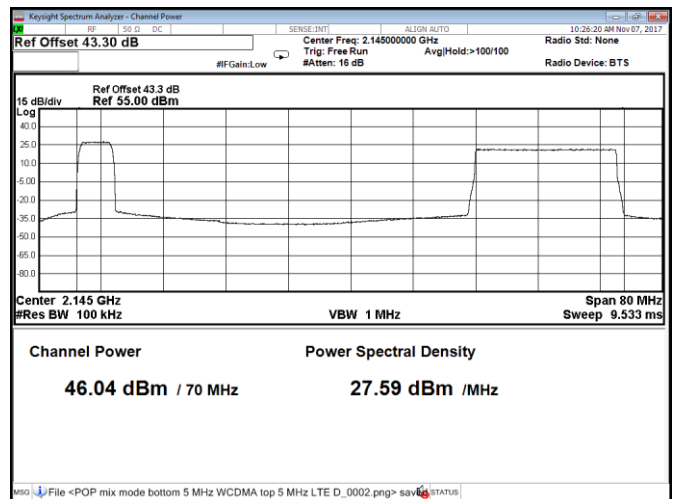


Figure 8.1-164: Output power mix mode, 2 carriers;
 carrier 1: WCDMA,
 carrier 2: LTE 20 MHz, Port D

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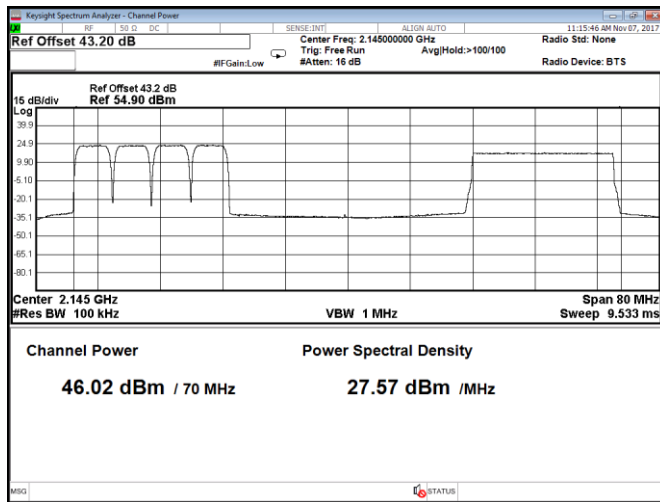


Figure 8.1-165: Output power mix mode, 5 carriers;
 carrier 1–4: WCDMA,
 carrier 5: LTE 20 MHz, Port A

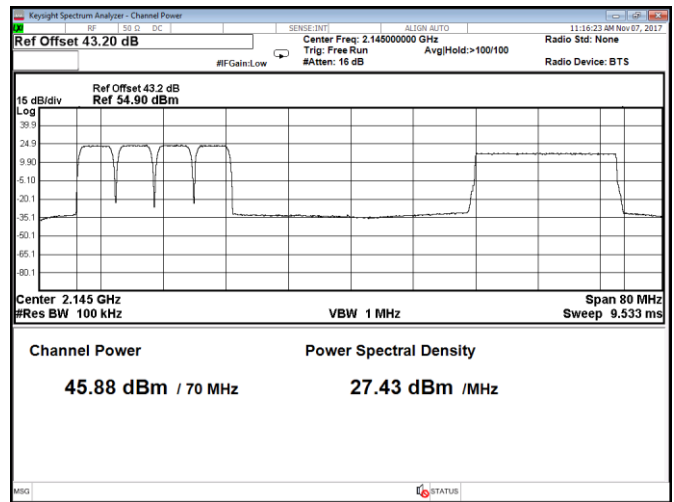


Figure 8.1-166: Output power mix mode, 5 carriers;
 carrier 1–4: WCDMA,
 carrier 5: LTE 20 MHz, Port B

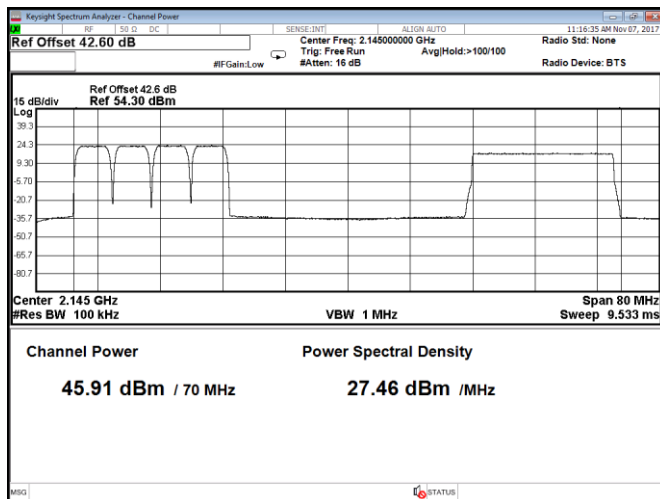


Figure 8.1-167: Output power mix mode, 5 carriers;
 carrier 1–4: WCDMA,
 carrier 5: LTE 20 MHz, Port C

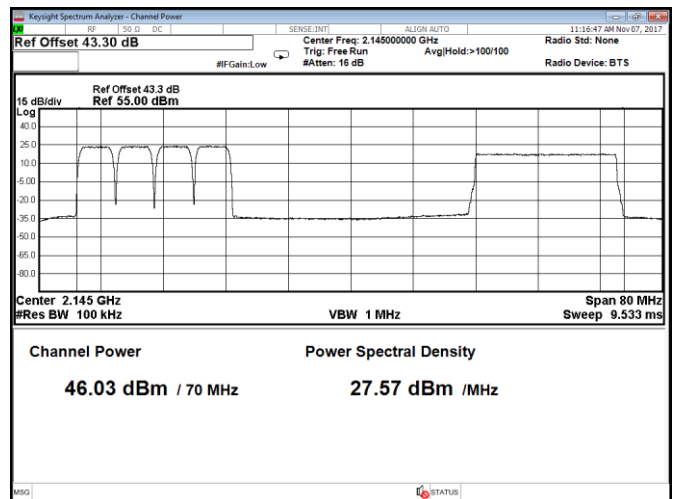


Figure 8.1-168: Output power mix mode, 5 carriers;
 carrier 1–4: WCDMA,
 carrier 5: LTE 20 MHz, Port D

Table 8.1-14: Complementary Cumulative Distribution Function (CCDF) of the PAPR reduction measurement results for LTE

Remarks	Frequency, MHz	0.1% CCDF, dB	PAPR reduction limit, dB	Margin, dB
QPSK, 5 MHz, Ant A, low channel	2112.5	7.31	13.00	5.69
QPSK, 5 MHz, Ant A, mid channel	2145.0	7.26	13.00	5.74
QPSK, 5 MHz, Ant A, high channel	2177.5	7.30	13.00	5.70
QPSK, 5 MHz, Ant B, low channel	2112.5	7.31	13.00	5.69
QPSK, 5 MHz, Ant B, mid channel	2145.0	7.29	13.00	5.71
QPSK, 5 MHz, Ant B, high channel	2177.5	7.31	13.00	5.69
QPSK, 5 MHz, Ant C, low channel	2112.5	7.31	13.00	5.69
QPSK, 5 MHz, Ant C, mid channel	2145.0	7.28	13.00	5.72
QPSK, 5 MHz, Ant C, high channel	2177.5	7.30	13.00	5.70
QPSK, 5 MHz, Ant D, low channel	2112.5	7.28	13.00	5.72
QPSK, 5 MHz, Ant D, mid channel	2145.0	7.27	13.00	5.73
QPSK, 5 MHz, Ant D, high channel	2177.5	7.29	13.00	5.71
QPSK, 10 MHz, Ant A, low channel	2115.0	7.31	13.00	5.69
QPSK, 10 MHz, Ant A, mid channel	2145.0	7.27	13.00	5.73
QPSK, 10 MHz, Ant A, high channel	2175.0	7.30	13.00	5.70
QPSK, 10 MHz, Ant B, low channel	2115.0	7.34	13.00	5.66
QPSK, 10 MHz, Ant B, mid channel	2145.0	7.29	13.00	5.71
QPSK, 10 MHz, Ant B, high channel	2175.0	7.31	13.00	5.69
QPSK, 10 MHz, Ant C, low channel	2115.0	7.31	13.00	5.69
QPSK, 10 MHz, Ant C, mid channel	2145.0	7.28	13.00	5.72
QPSK, 10 MHz, Ant C, high channel	2175.0	7.32	13.00	5.68
QPSK, 10 MHz, Ant D, low channel	2115.0	7.31	13.00	5.69
QPSK, 10 MHz, Ant D, mid channel	2145.0	7.27	13.00	5.73
QPSK, 10 MHz, Ant D, high channel	2175.0	7.31	13.00	5.69
QPSK, 15 MHz, Ant A, low channel	2117.5	7.34	13.00	5.66
QPSK, 15 MHz, Ant A, mid channel	2145.0	7.29	13.00	5.71
QPSK, 15 MHz, Ant A, high channel	2172.5	7.33	13.00	5.67
QPSK, 15 MHz, Ant B, low channel	2117.5	7.34	13.00	5.66
QPSK, 15 MHz, Ant B, mid channel	2145.0	7.30	13.00	5.70
QPSK, 15 MHz, Ant B, high channel	2172.5	7.34	13.00	5.66
QPSK, 15 MHz, Ant C, low channel	2117.5	7.34	13.00	5.66
QPSK, 15 MHz, Ant C, mid channel	2145.0	7.30	13.00	5.70
QPSK, 15 MHz, Ant C, high channel	2172.5	7.34	13.00	5.66
QPSK, 15 MHz, Ant D, low channel	2117.5	7.33	13.00	5.67
QPSK, 15 MHz, Ant D, mid channel	2145.0	7.28	13.00	5.72
QPSK, 15 MHz, Ant D, high channel	2172.5	7.33	13.00	5.67
QPSK, 20 MHz, Ant A, low channel	2120.0	7.35	13.00	5.65
QPSK, 20 MHz, Ant A, mid channel	2145.0	7.28	13.00	5.72
QPSK, 20 MHz, Ant A, high channel	2170.0	7.35	13.00	5.65
QPSK, 20 MHz, Ant B, low channel	2120.0	7.35	13.00	5.65
QPSK, 20 MHz, Ant B, mid channel	2145.0	7.30	13.00	5.70
QPSK, 20 MHz, Ant B, high channel	2170.0	7.36	13.00	5.64
QPSK, 20 MHz, Ant C, low channel	2120.0	7.35	13.00	5.65
QPSK, 20 MHz, Ant C, mid channel	2145.0	7.30	13.00	5.70
QPSK, 20 MHz, Ant C, high channel	2170.0	7.35	13.00	5.65
QPSK, 20 MHz, Ant D, low channel	2120.0	7.35	13.00	5.65
QPSK, 20 MHz, Ant D, mid channel	2145.0	7.27	13.00	5.73
QPSK, 20 MHz, Ant D, high channel	2170.0	7.32	13.00	5.68

Table 8.1-15: Complementary Cumulative Distribution Function (CCDF) of the PAPR reduction measurement results for WCDMA

Remarks	Frequency, MHz	0.1% CCDF, dB	PAPR reduction limit, dB	Margin, dB
QPSK, 5 MHz, Ant A, low channel	2112.5	7.33	13.00	5.67
QPSK, 5 MHz, Ant A, mid channel	2132.5	7.34	13.00	5.66
QPSK, 5 MHz, Ant A, high channel	2152.5	7.34	13.00	5.66
QPSK, 5 MHz, Ant B, low channel	2112.5	7.32	13.00	5.68
QPSK, 5 MHz, Ant B, mid channel	2132.5	7.33	13.00	5.67
QPSK, 5 MHz, Ant B, high channel	2152.5	7.33	13.00	5.67
QPSK, 5 MHz, Ant C, low channel	2112.5	7.34	13.00	5.66
QPSK, 5 MHz, Ant C, mid channel	2132.5	7.35	13.00	5.65
QPSK, 5 MHz, Ant C, high channel	2152.5	7.34	13.00	5.66
QPSK, 5 MHz, Ant D, low channel	2112.5	7.32	13.00	5.68
QPSK, 5 MHz, Ant D, mid channel	2132.5	7.32	13.00	5.68
QPSK, 5 MHz, Ant D, high channel	2152.5	7.32	13.00	5.68

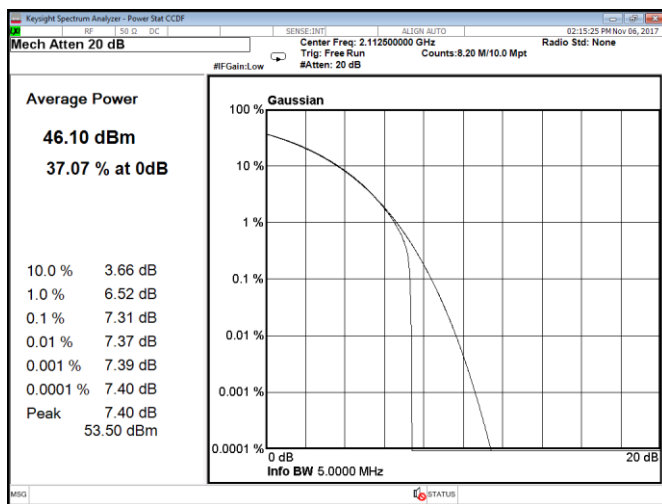


Figure 8.1-169: CCDF, QPSK, 5 MHz, LTE, Port A, low channel

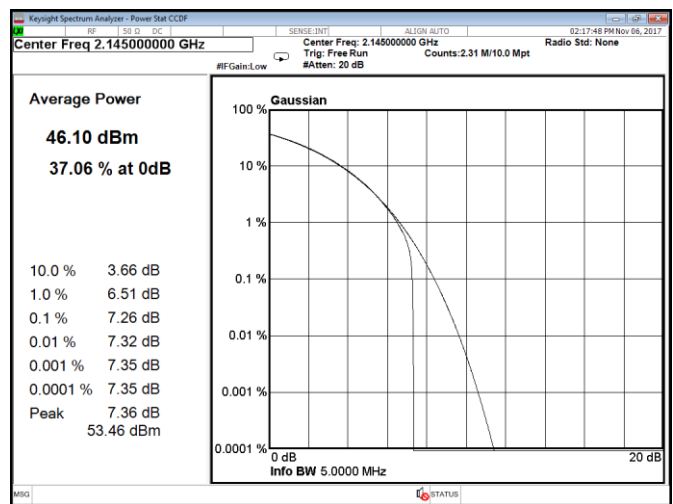


Figure 8.1-170: CCDF, QPSK, 5 MHz, LTE, Port A, mid channel

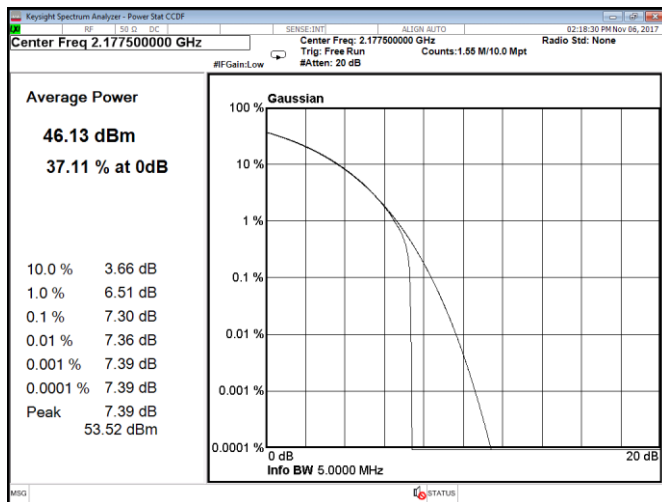


Figure 8.1-171: CCDF, QPSK, 5 MHz, LTE, Port A, high channel

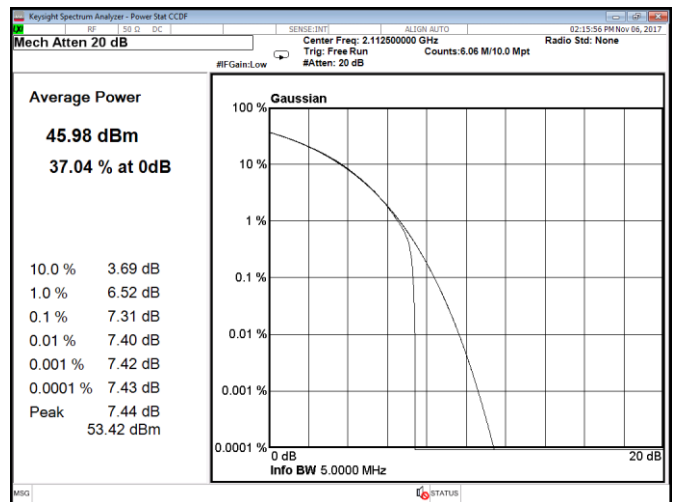


Figure 8.1-172: CCDF, QPSK, 5 MHz, LTE, Port B, low channel

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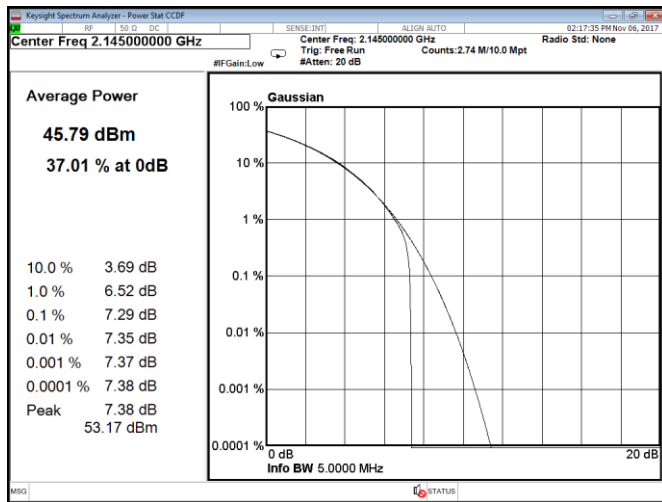


Figure 8.1-173: CCDF, QPSK, 5 MHz, LTE, Port B, mid channel

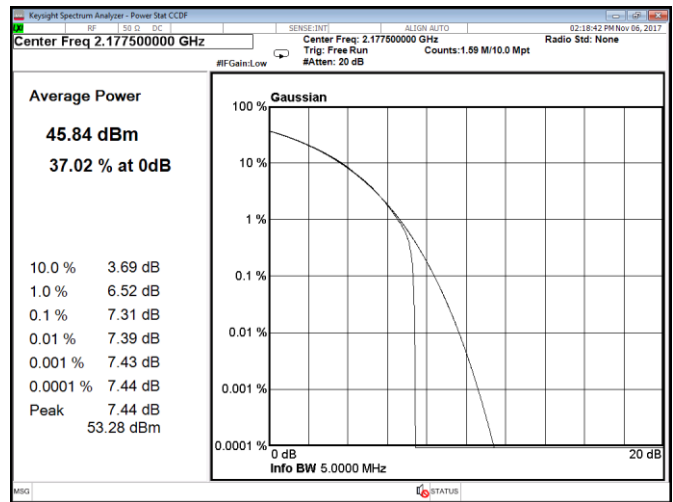


Figure 8.1-174: CCDF, QPSK, 5 MHz, LTE, Port B, high channel

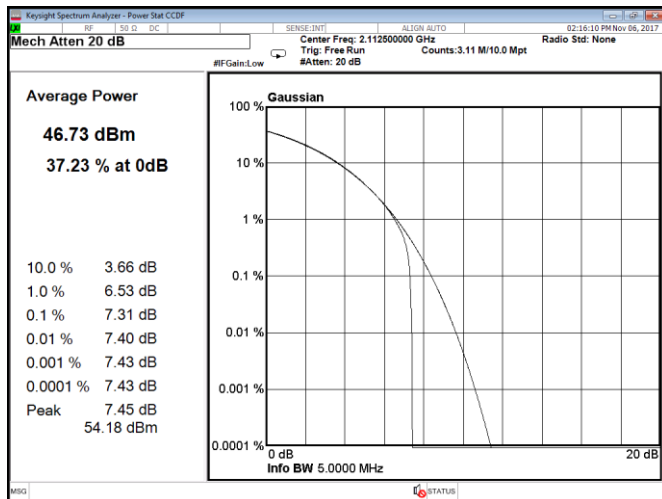


Figure 8.1-175: CCDF, QPSK, 5 MHz, LTE, Port C, low channel

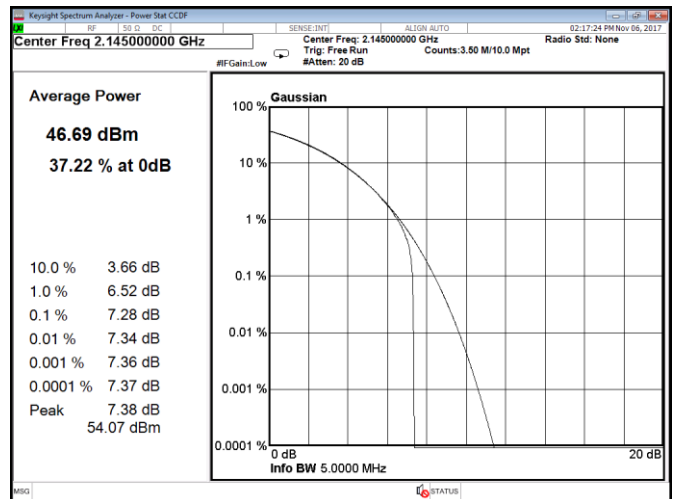


Figure 8.1-176: CCDF, QPSK, 5 MHz, LTE, Port C, mid channel

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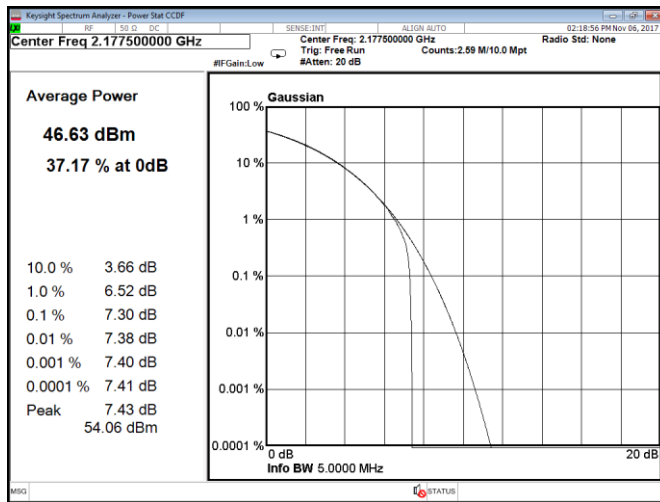


Figure 8.1-177: CCDF, QPSK, 5 MHz, LTE, Port C, high channel

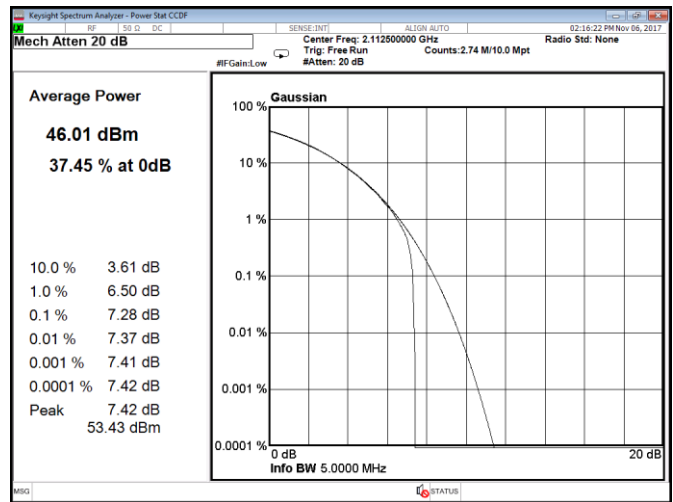


Figure 8.1-178: CCDF, QPSK, 5 MHz, LTE, Port D, low channel

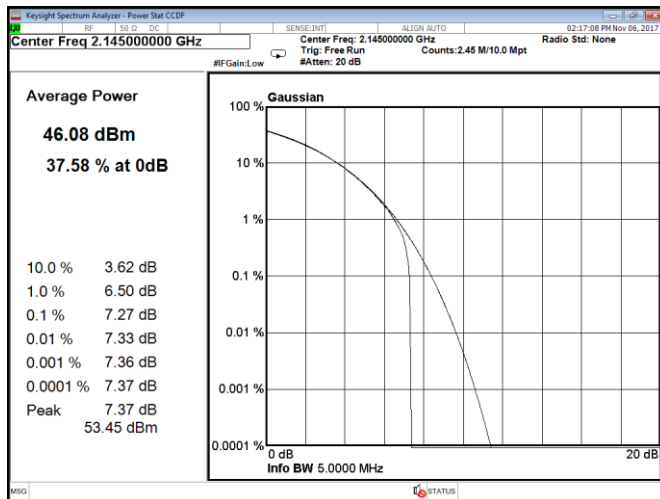


Figure 8.1-179: CCDF, QPSK, 5 MHz, LTE, Port D, mid channel

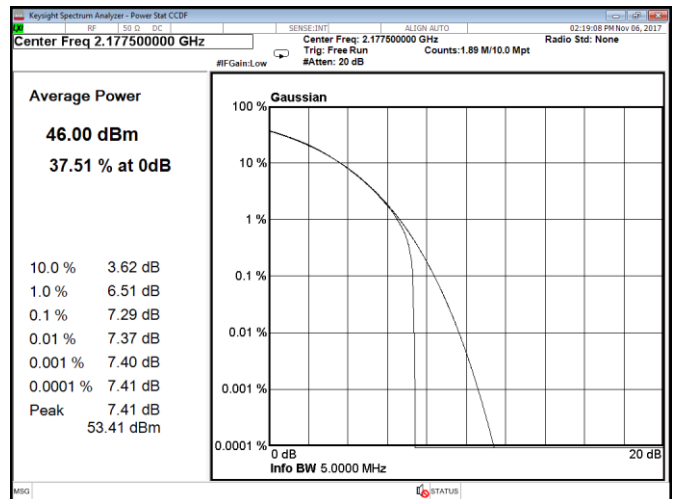


Figure 8.1-180: CCDF, QPSK, 5 MHz, LTE, Port D, high channel

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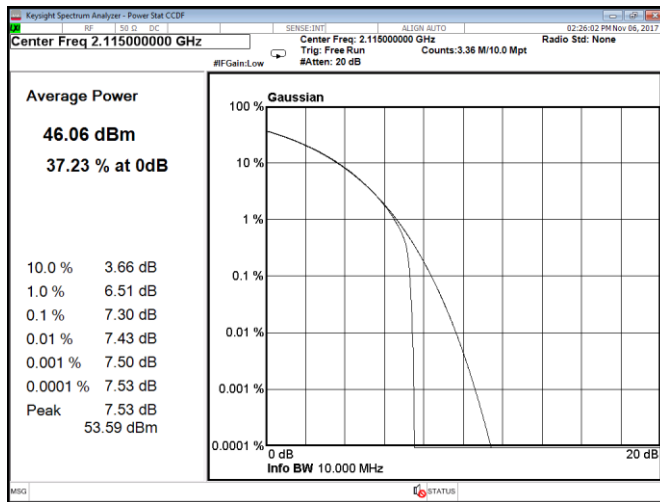


Figure 8.1-181: CCDF, QPSK, 10 MHz, LTE, Port A, low channel

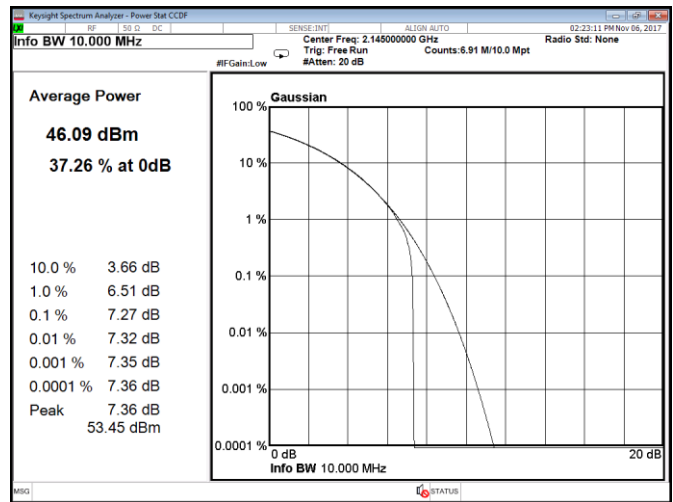


Figure 8.1-182: CCDF, QPSK, 10 MHz, LTE, Port A, mid channel

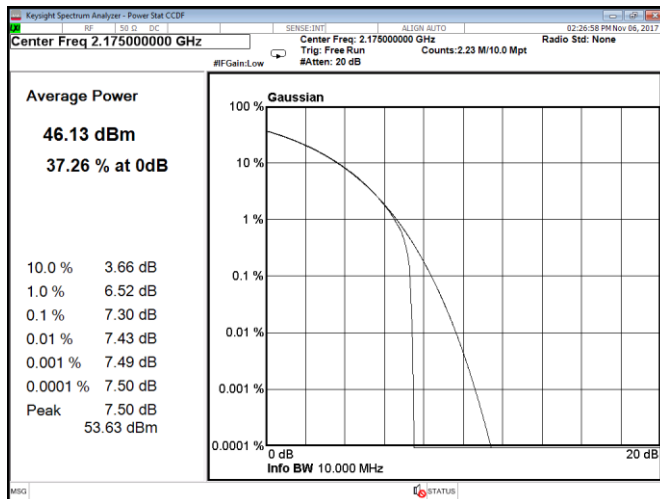


Figure 8.1-183: CCDF, QPSK, 10 MHz, LTE, Port A, high channel

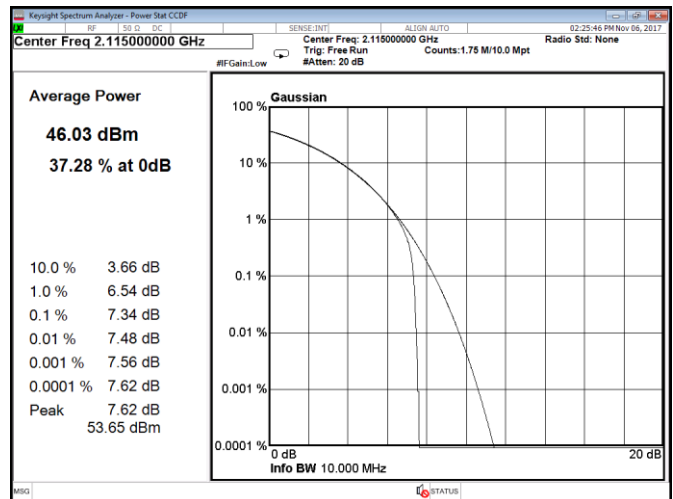


Figure 8.1-184: CCDF, QPSK, 10 MHz, LTE, Port B, low channel

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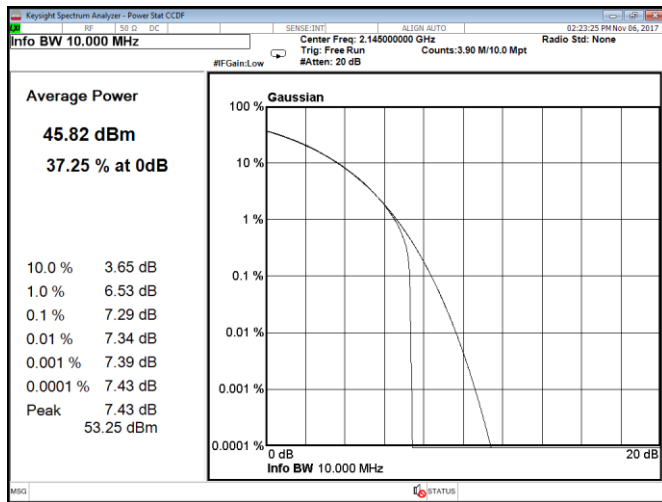


Figure 8.1-185: CCDF, QPSK, 10 MHz, LTE, Port B, mid channel

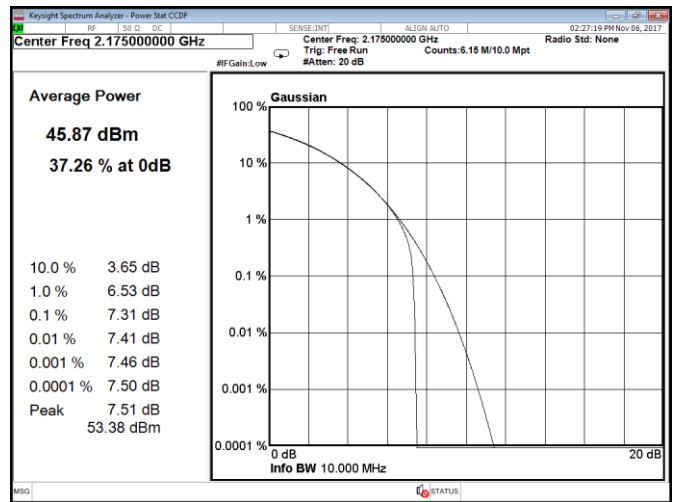


Figure 8.1-186: CCDF, QPSK, 10 MHz, LTE, Port B, high channel

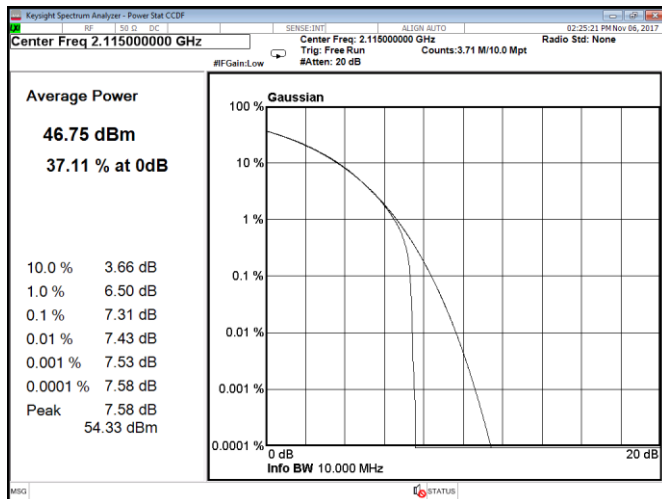


Figure 8.1-187: CCDF, QPSK, 10 MHz, LTE, Port C, low channel

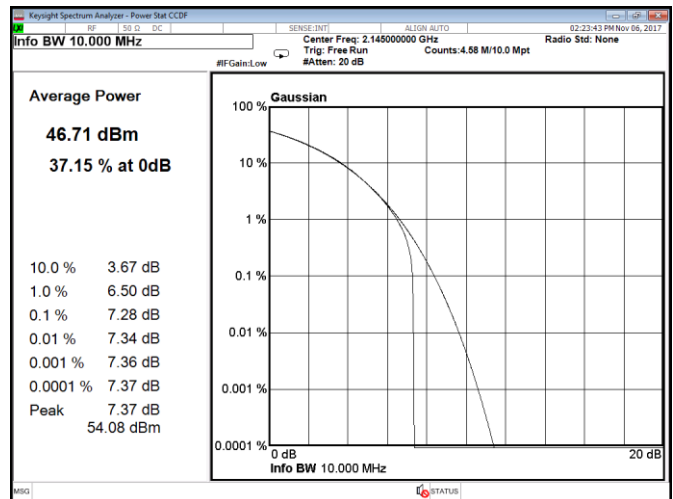


Figure 8.1-188: CCDF, QPSK, 10 MHz, LTE, Port C, mid channel

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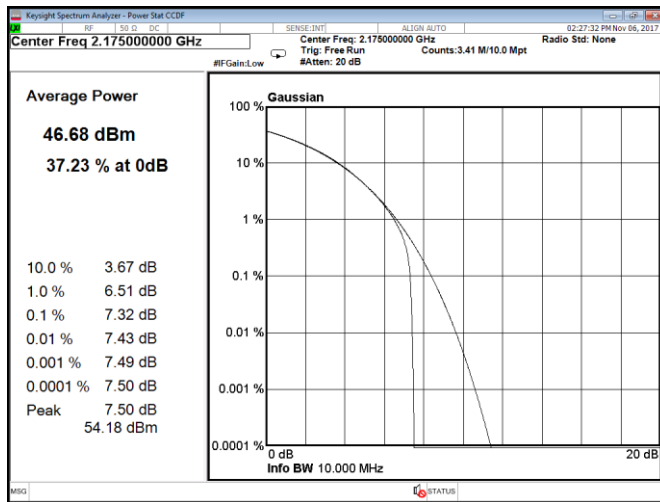


Figure 8.1-189: CCDF, QPSK, 10 MHz, LTE, Port C, high channel

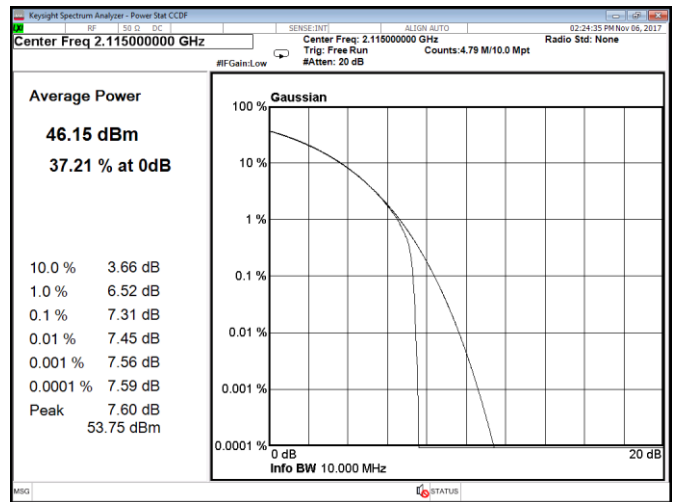


Figure 8.1-190: CCDF, QPSK, 10 MHz, LTE, Port D, low channel

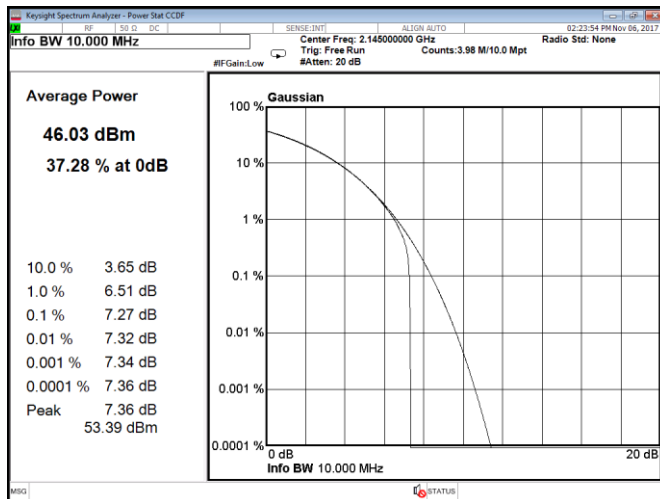


Figure 8.1-191: CCDF, QPSK, 10 MHz, LTE, Port D, mid channel

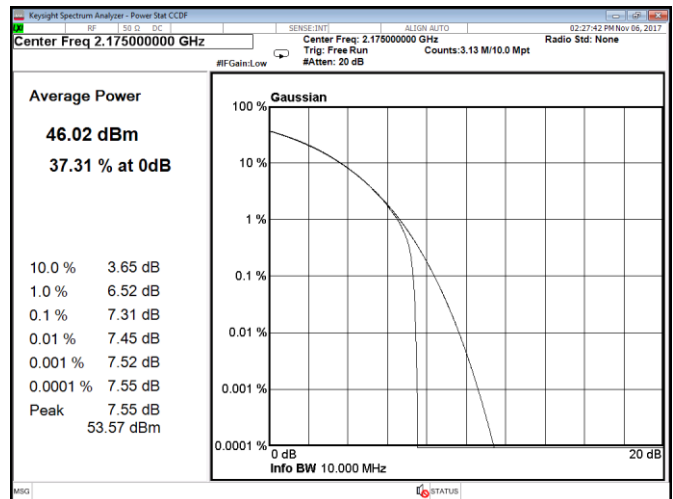


Figure 8.1-192: CCDF, QPSK, 10 MHz, LTE, Port D, high channel